

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103123\
 Data File : VY016151.D
 Acq On : 31 Oct 2023 17:13
 Operator : SY/MD
 Sample : VY1031SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1031SBS01

Quant Time: Nov 01 03:38:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/01/2023
 Supervised By : Mahesh Dadoda 11/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	176796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	280005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	245900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	117462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	83408	50.418	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.840%			
35) Dibromofluoromethane	7.722	113	81533	48.842	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.680%			
50) Toluene-d8	10.185	98	336811	50.889	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.780%			
62) 4-Bromofluorobenzene	12.489	95	114045	50.392	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	21716	19.256	ug/l	99
3) Chloromethane	2.113	50	30469	19.513	ug/l	100
4) Vinyl Chloride	2.247	62	31427	19.501	ug/l	99
5) Bromomethane	2.643	94	22456	20.647	ug/l	98
6) Chloroethane	2.790	64	23143	20.398	ug/l	96
7) Trichlorofluoromethane	3.119	101	47558	19.547	ug/l	99
8) Diethyl Ether	3.521	74	16644	20.641	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	30002	19.574	ug/l	99
10) Methyl Iodide	4.082	142	33725	19.787	ug/l	97
11) Tert butyl alcohol	4.942	59	12795	103.516	ug/l #	79
12) 1,1-Dichloroethene	3.869	96	28007	20.020	ug/l	86
13) Acrolein	3.723	56	13581	115.049	ug/l	99
14) Allyl chloride	4.478	41	40992	20.486	ug/l #	96
15) Acrylonitrile	5.161	53	35534	103.125	ug/l	98
16) Acetone	3.948	43	29948	102.117	ug/l	96
17) Carbon Disulfide	4.192	76	68725	19.677	ug/l	99
18) Methyl Acetate	4.472	43	27396	20.592	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	82247	20.669	ug/l	96
20) Methylene Chloride	4.710	84	38713	21.256	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	32553	19.977	ug/l	95
22) Diisopropyl ether	6.118	45	99060	20.467	ug/l #	87
23) Vinyl Acetate	6.064	43	241871	101.785	ug/l #	90
24) 1,1-Dichloroethane	6.015	63	60183	20.777	ug/l	97
25) 2-Butanone	6.990	43	46195	101.213	ug/l #	87
26) 2,2-Dichloropropane	6.984	77	54666	19.964	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	40159	20.941	ug/l	92
28) Bromochloromethane	7.338	49	22033	20.327	ug/l	87
29) Tetrahydrofuran	7.350	42	30137	105.334	ug/l	92
30) Chloroform	7.508	83	65531	20.780	ug/l	95
31) Cyclohexane	7.789	56	49007	19.271	ug/l	85
32) 1,1,1-Trichloroethane	7.704	97	59169	20.459	ug/l	98
36) 1,1-Dichloropropene	7.923	75	48149	19.975	ug/l	100
37) Ethyl Acetate	7.076	43	21718	20.229	ug/l	95
38) Carbon Tetrachloride	7.905	117	48195	20.181	ug/l	97
39) Methylcyclohexane	9.191	83	56810	19.744	ug/l	91
40) Benzene	8.161	78	140087	20.243	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	14060m	22.562	ug/l	
42) 1,2-Dichloroethane	8.240	62	39431	20.418	ug/l	94
43) Isopropyl Acetate	8.277	43	42499	20.012	ug/l	92
44) Trichloroethene	8.947	130	41648	20.566	ug/l	99
45) 1,2-Dichloropropane	9.222	63	34532	20.743	ug/l	99
46) Dibromomethane	9.307	93	19338	20.477	ug/l	97
47) Bromodichloromethane	9.502	83	49183	20.498	ug/l	97
48) Methyl methacrylate	9.295	41	19290	19.975	ug/l	93
49) 1,4-Dioxane	9.301	88	4879	359.987	ug/l #	69
51) 4-Methyl-2-Pentanone	10.075	43	108051	101.969	ug/l	93
52) Toluene	10.252	92	91142	20.325	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	48921	20.424	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	56344	20.047	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	27748	20.889	ug/l	98
56) Ethyl methacrylate	10.514	69	34753	20.145	ug/l #	88
57) 1,3-Dichloropropane	10.794	76	46532	20.576	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	85287	101.952	ug/l	92
59) 2-Hexanone	10.837	43	72890	100.381	ug/l	90
60) Dibromochloromethane	10.990	129	34034	20.422	ug/l	98
61) 1,2-Dibromoethane	11.093	107	25771	20.396	ug/l	99
64) Tetrachloroethene	10.727	164	43561	19.916	ug/l	97
65) Chlorobenzene	11.520	112	99467	20.360	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	36841	20.360	ug/l	98
67) Ethyl Benzene	11.599	91	175743	20.112	ug/l	99
68) m/p-Xylenes	11.709	106	135863	40.237	ug/l	95
69) o-Xylene	12.038	106	65504	20.318	ug/l	97
70) Styrene	12.050	104	109429	20.418	ug/l	96
71) Bromoform	12.215	173	20221	20.143	ug/l #	98
73) Isopropylbenzene	12.337	105	175402	19.907	ug/l	99
74) N-amyl acetate	12.148	43	38094	19.895	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.587	83	28373	20.236	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	21919m	19.816	ug/l	
77) Bromobenzene	12.617	156	39884	19.991	ug/l	95
78) n-propylbenzene	12.678	91	208919	20.055	ug/l	99
79) 2-Chlorotoluene	12.764	91	115887	19.946	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	145384	20.366	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	10044	19.688	ug/l	95
82) 4-Chlorotoluene	12.861	91	120745	20.238	ug/l	99
83) tert-Butylbenzene	13.081	119	128824	20.169	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	143736	20.349	ug/l	100
85) sec-Butylbenzene	13.257	105	192490	20.533	ug/l	100
86) p-Isopropyltoluene	13.373	119	157199	20.232	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	79063	20.037	ug/l	98
88) 1,4-Dichlorobenzene	13.452	146	79109	20.285	ug/l	99
89) n-Butylbenzene	13.702	91	147101	20.605	ug/l	96
90) Hexachloroethane	13.965	117	27088	20.231	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	70318	20.626	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4928	19.640	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	44922	21.348	ug/l	99
94) Hexachlorobutadiene	15.117	225	24799	21.567	ug/l	98
95) Naphthalene	15.239	128	82736	20.239	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	37862	21.064	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

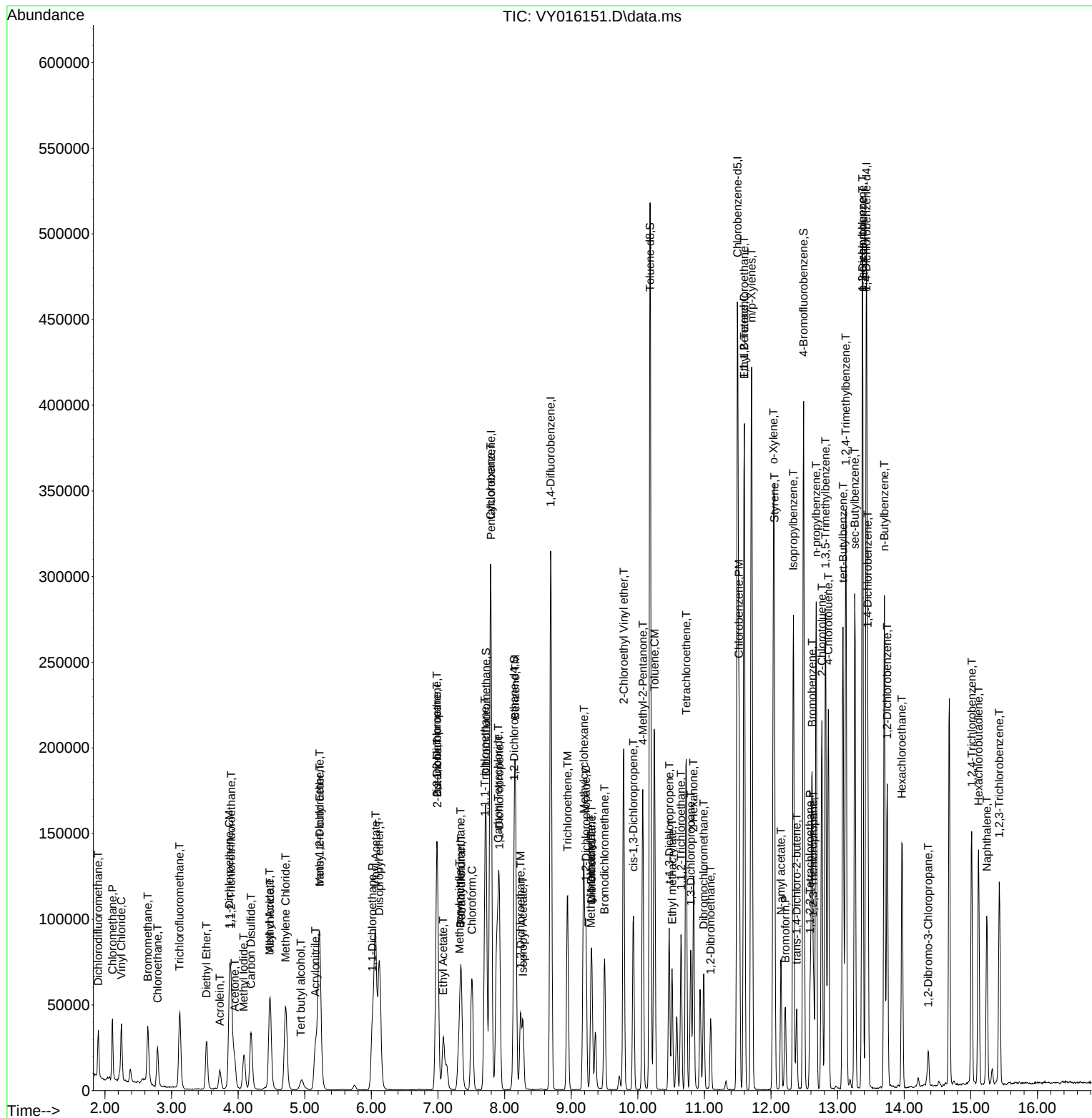
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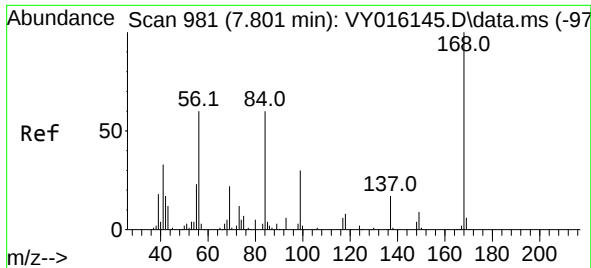
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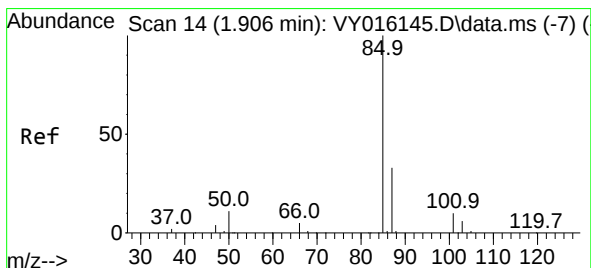
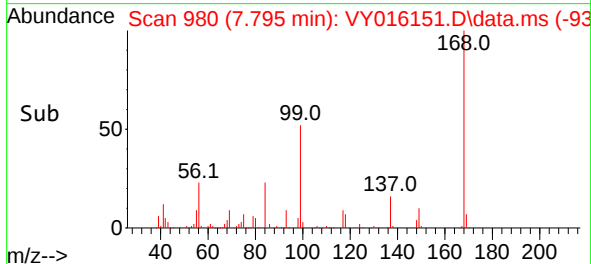
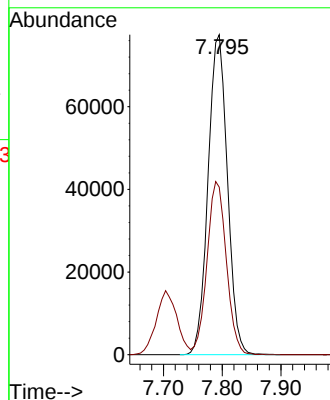
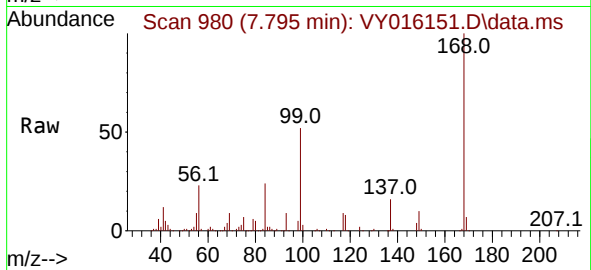
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016151.D
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ClientSampleId :
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Tgt Ion:168 Resp: 176790
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0

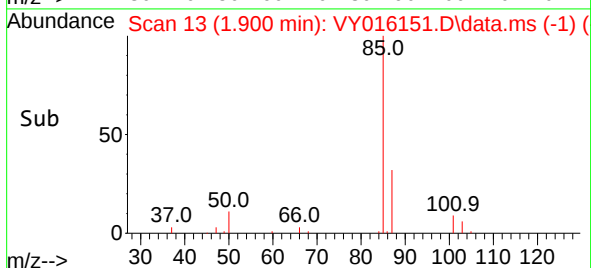
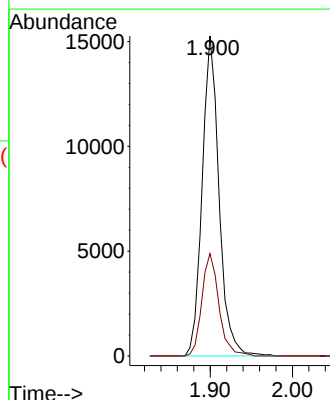
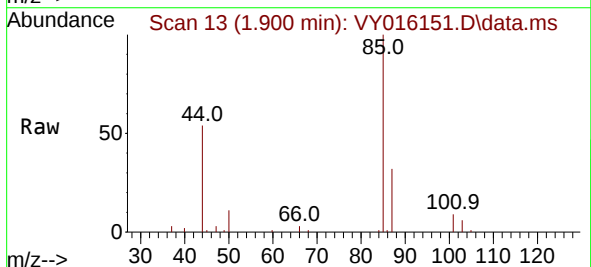
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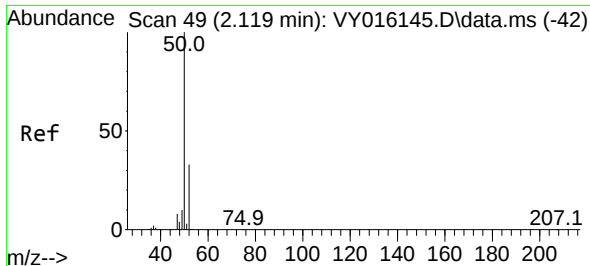
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#2
Dichlorodifluoromethane
Concen: 19.256 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Tgt Ion: 85 Resp: 21716
Ion Ratio Lower Upper
85 100
87 32.0 15.6 46.8





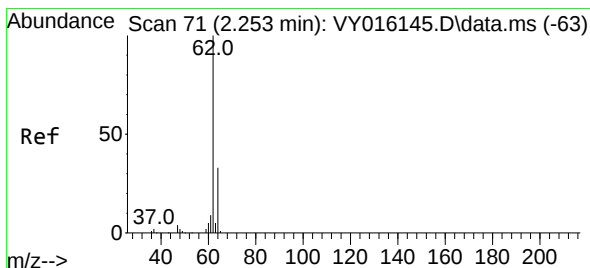
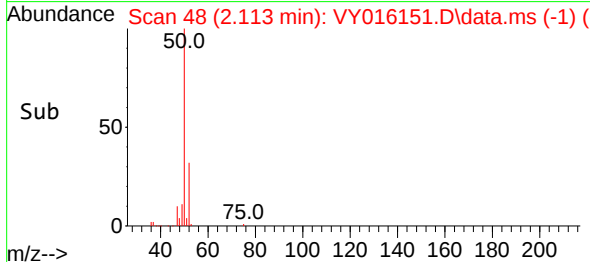
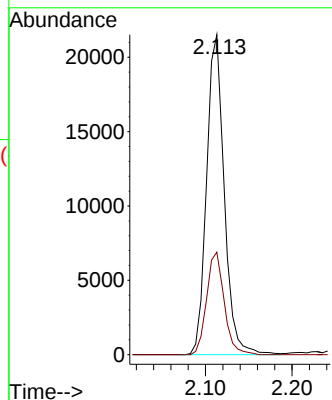
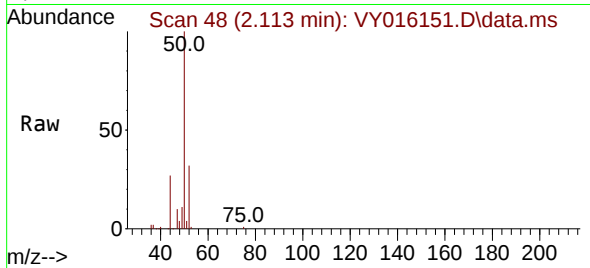
#3
Chloromethane
Concen: 19.513 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Instrument :
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Tgt Ion: 50 Resp: 30469
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.2

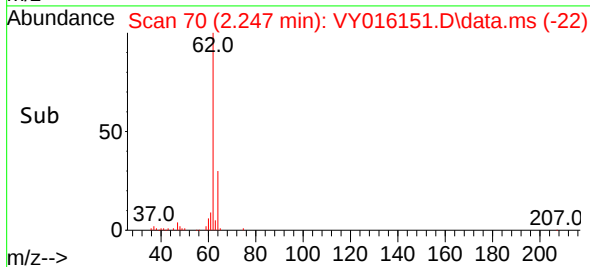
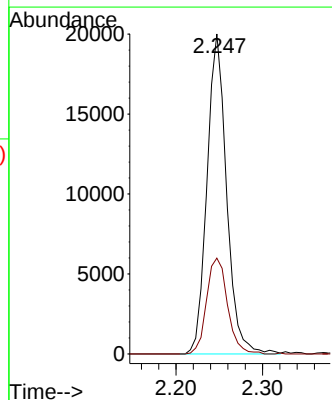
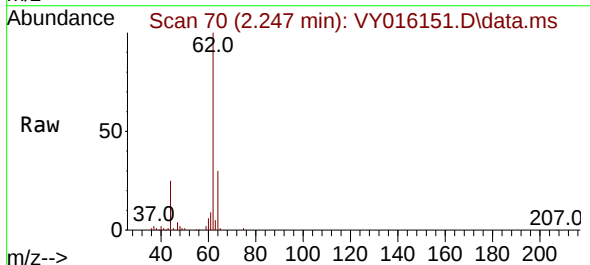
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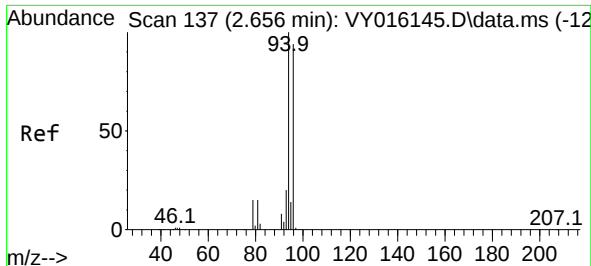
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#4
Vinyl Chloride
Concen: 19.501 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

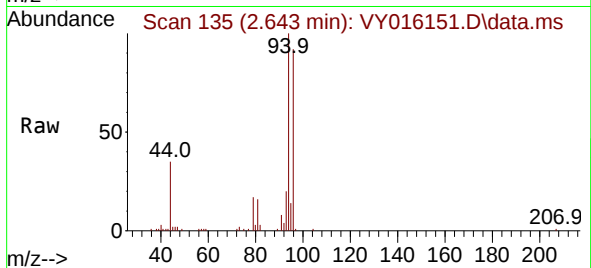
Tgt Ion: 62 Resp: 31427
Ion Ratio Lower Upper
62 100
64 30.0 24.3 36.5





#5
Bromomethane
Concen: 20.647 ug/l
RT: 2.643 min Scan# 111
Delta R.T. -0.012 min
Lab File: VY016151.D
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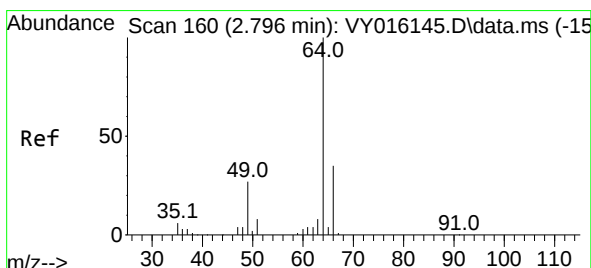
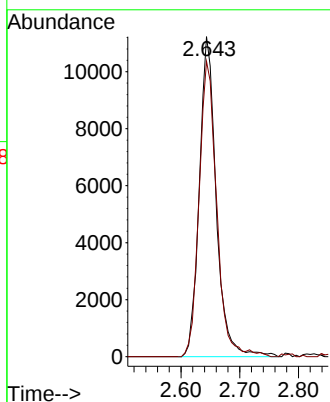
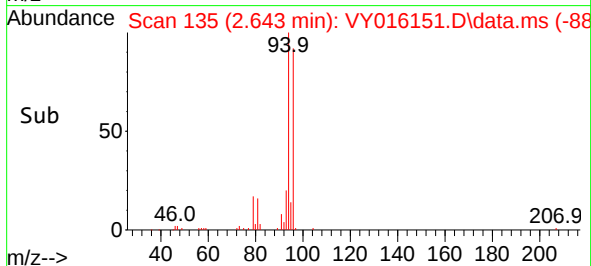
Instrument :
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Tgt Ion: 94 Resp: 22450
Ion Ratio Lower Upper
94 100
96 92.3 75.8 113.6

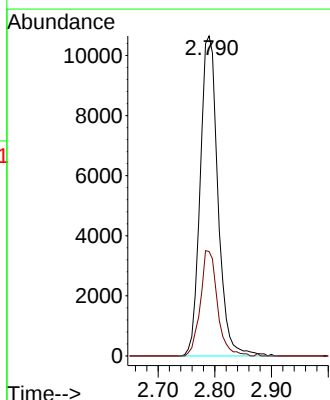
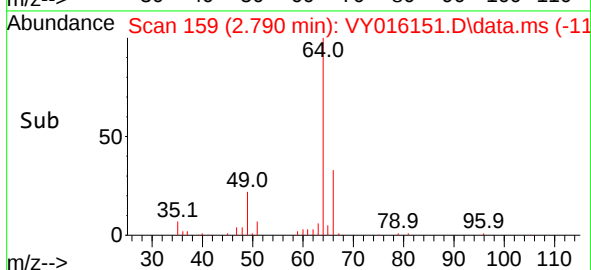
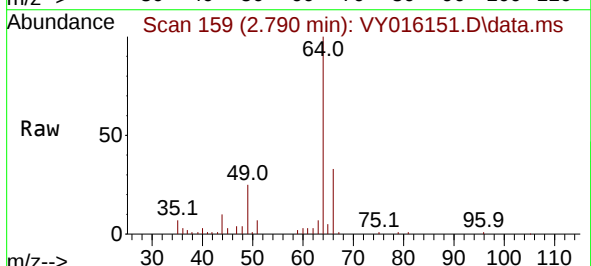
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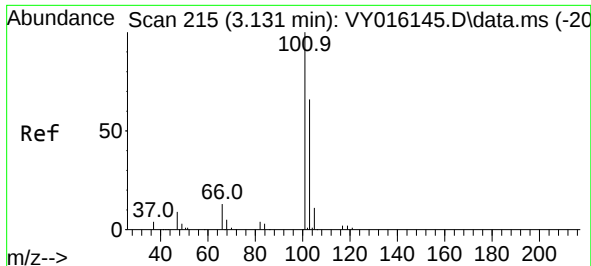
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#6
Chloroethane
Concen: 20.398 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY016151.D
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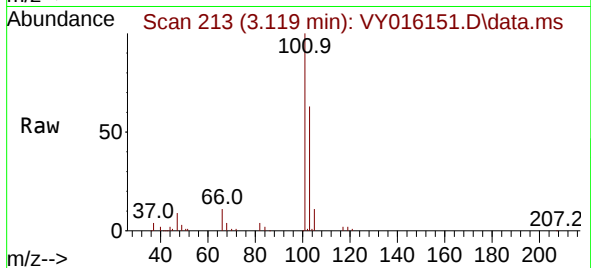
Tgt Ion: 64 Resp: 23143
Ion Ratio Lower Upper
64 100
66 32.7 24.4 36.6





#7
Trichlorofluoromethane
Concen: 19.547 ug/l
RT: 3.119 min Scan# 215
Delta R.T. -0.012 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

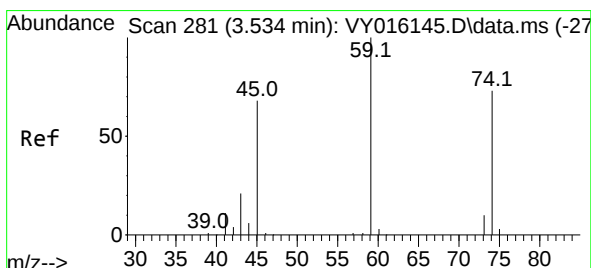
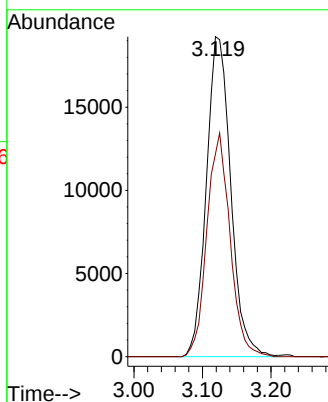
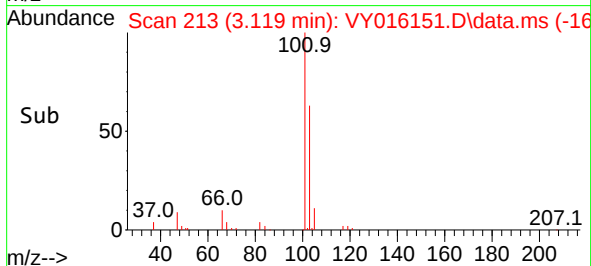
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Tgt Ion: 101 Resp: 47558
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.0

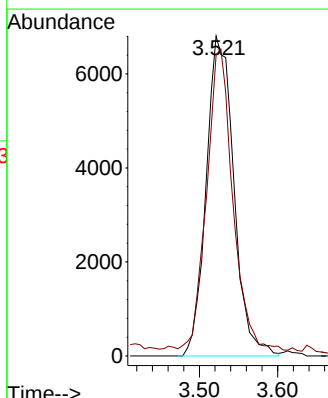
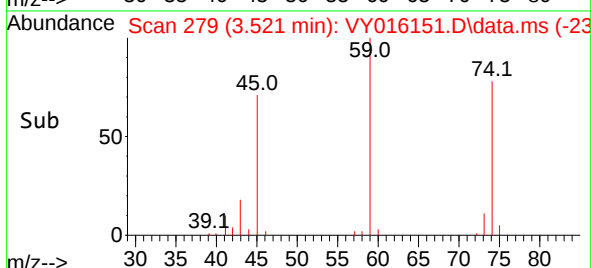
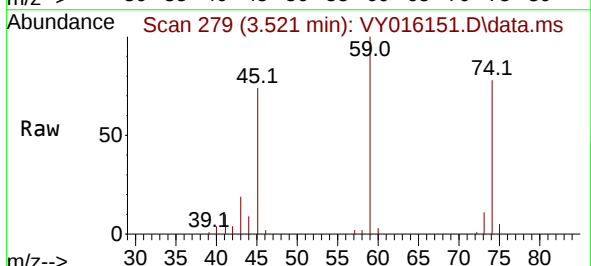
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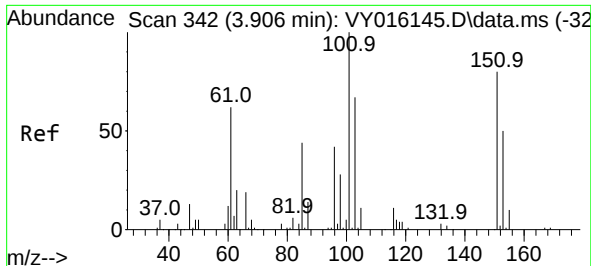
Reviewed By : John Carlone 11/01/2023
Supervised By : Mahesh Dadoda 11/01/2023



#8
Diethyl Ether
Concen: 20.641 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.012 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Tgt Ion: 74 Resp: 16644
Ion Ratio Lower Upper
74 100
45 89.7 51.5 154.5





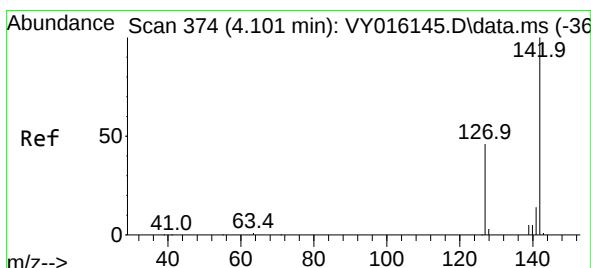
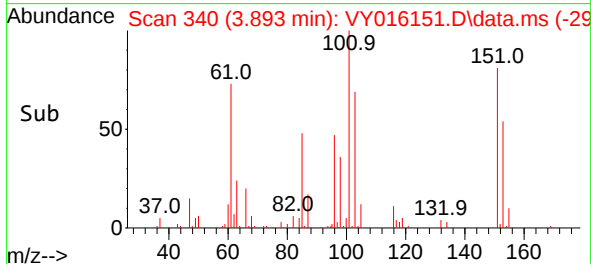
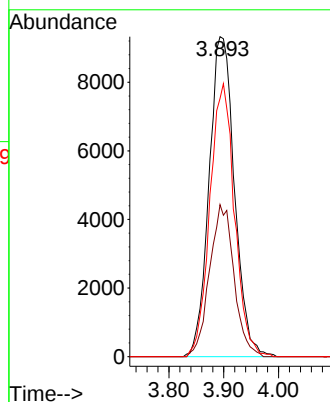
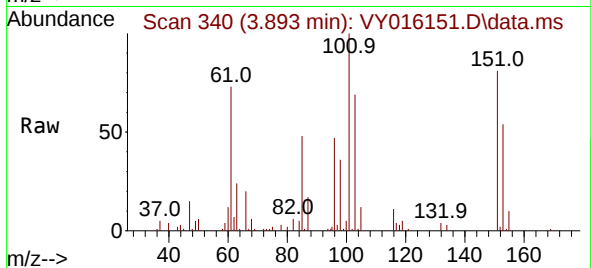
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.574 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

Tgt Ion:101 Resp: 3000
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 82.8 67.0 100.6

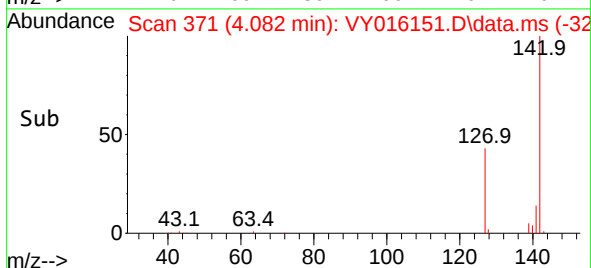
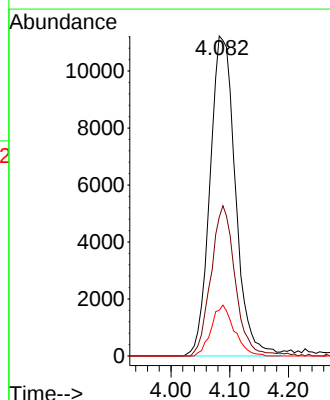
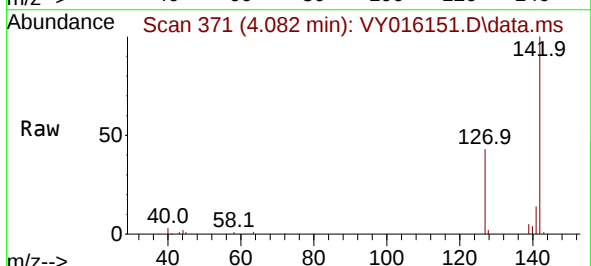
Manual Integrations
APPROVED

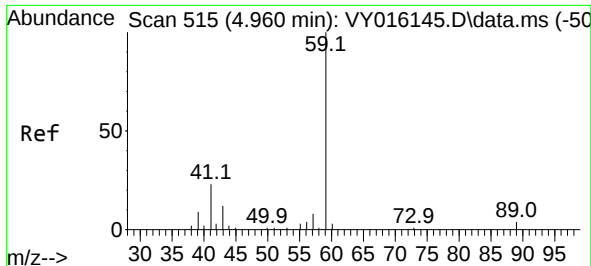
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#10
Methyl Iodide
Concen: 19.787 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.018 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Tgt Ion:142 Resp: 33725
Ion Ratio Lower Upper
142 100
127 45.0 37.6 56.4
141 14.4 11.8 17.8





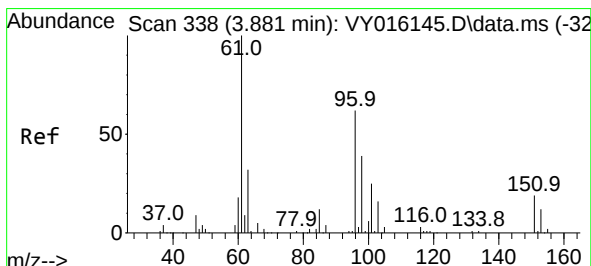
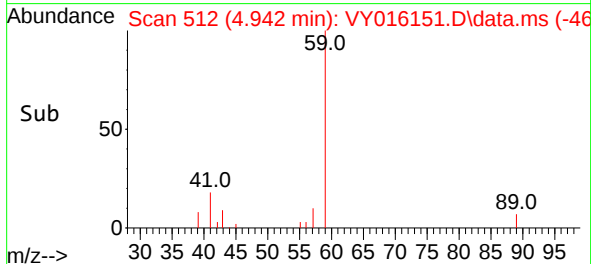
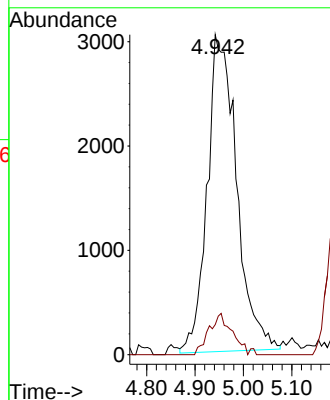
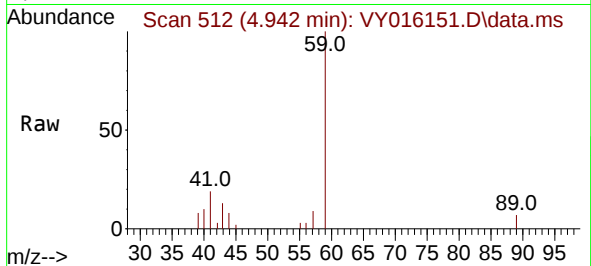
#11
Tert butyl alcohol
Concen: 103.516 ug/l
RT: 4.942 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

Tgt Ion: 59 Resp: 1279
Ion Ratio Lower Upper
59 100
57 10.5 3.0 4.4

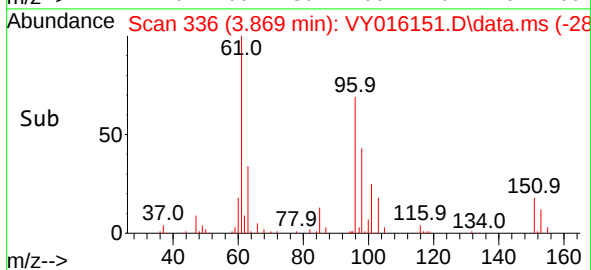
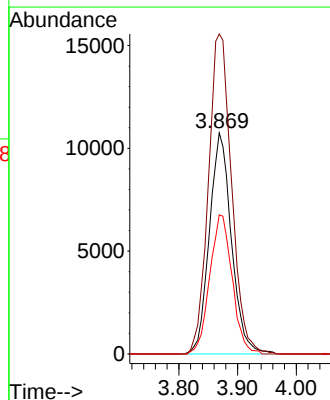
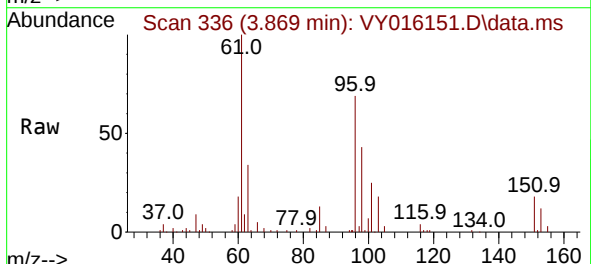
Manual Integrations
APPROVED

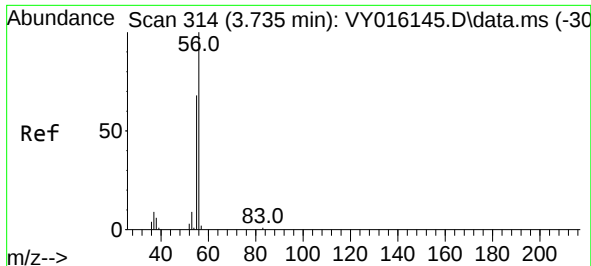
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#12
1,1-Dichloroethene
Concen: 20.020 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.012 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Tgt Ion: 96 Resp: 28007
Ion Ratio Lower Upper
96 100
61 144.7 136.4 204.6
98 62.8 49.4 74.2





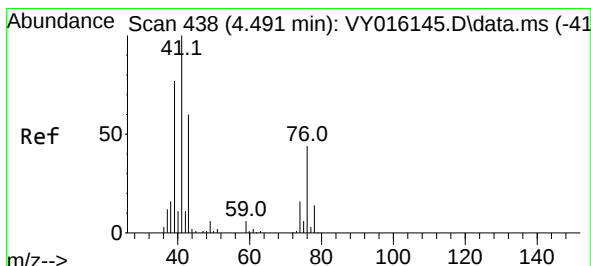
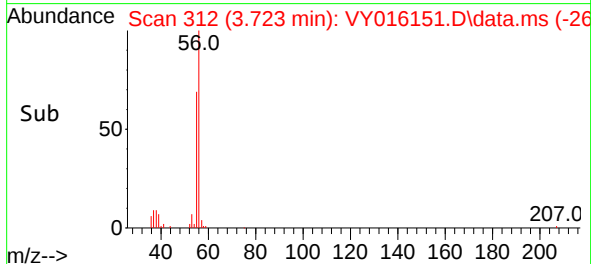
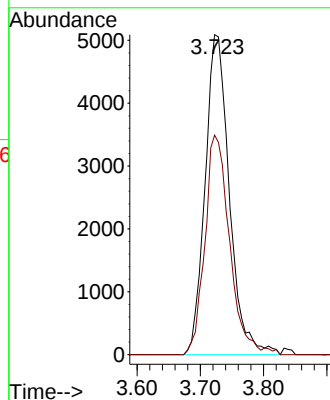
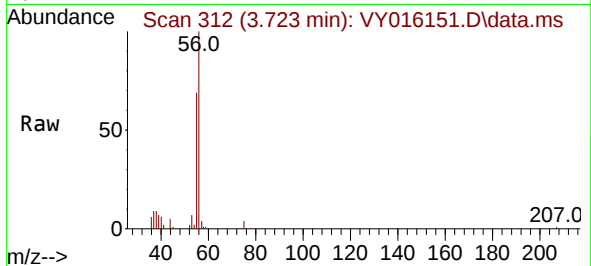
#13
Acrolein
Concen: 115.049 ug/l
RT: 3.723 min Scan# 314
Delta R.T. -0.012 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

Tgt Ion: 56 Resp: 1358
Ion Ratio Lower Upper
56 100
55 70.1 57.0 85.4

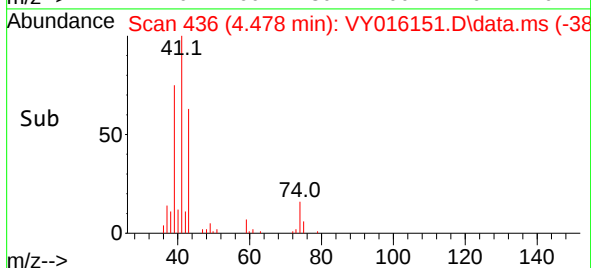
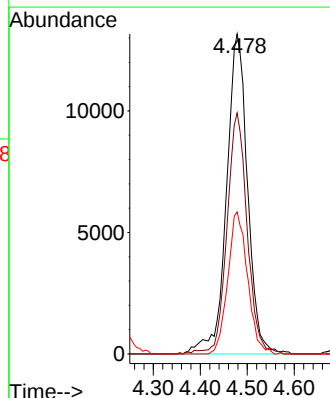
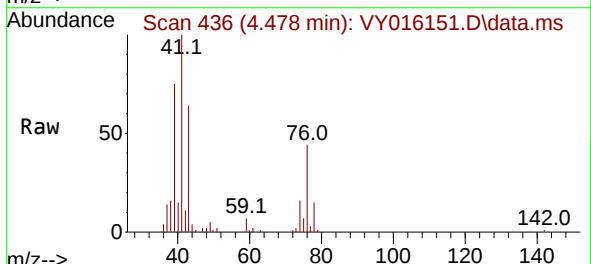
Manual Integrations
APPROVED

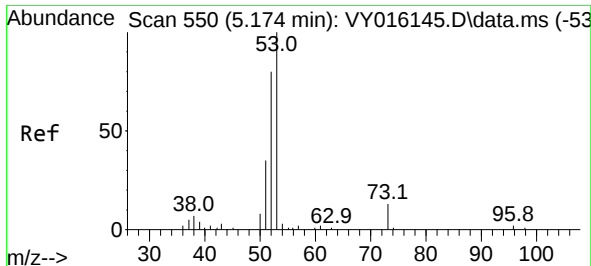
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#14
Allyl chloride
Concen: 20.486 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.013 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

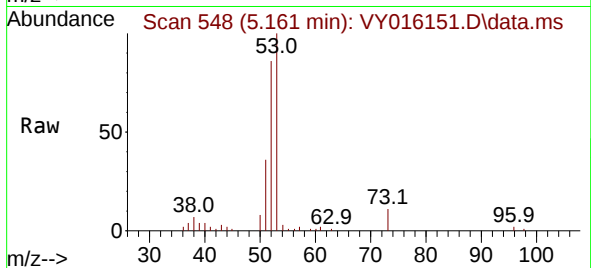
Tgt Ion: 41 Resp: 40992
Ion Ratio Lower Upper
41 100
39 72.4 58.0 87.0
76 41.7 27.4 41.2#





#15
Acrylonitrile
Concen: 103.125 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

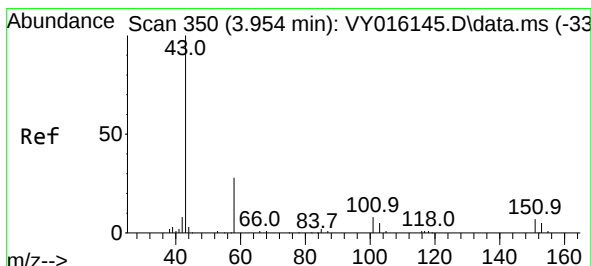
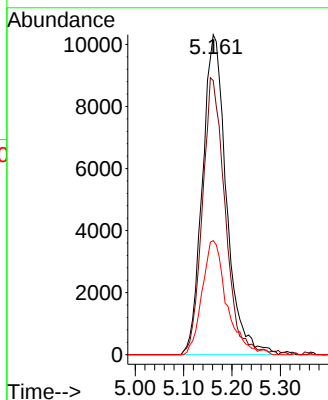
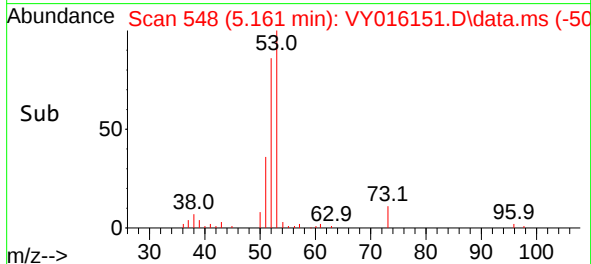
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01



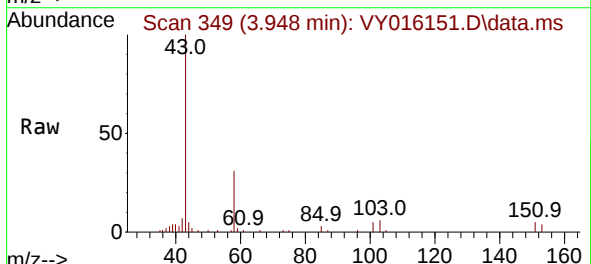
Tgt Ion: 53 Resp: 35534
Ion Ratio Lower Upper
53 100
52 81.8 66.9 100.3
51 36.4 29.8 44.6

Manual Integrations
APPROVED

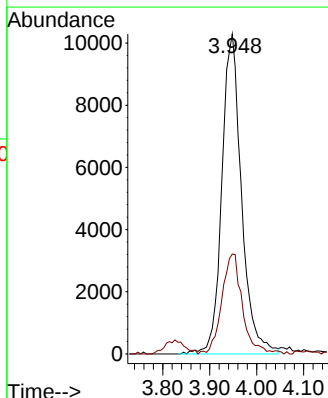
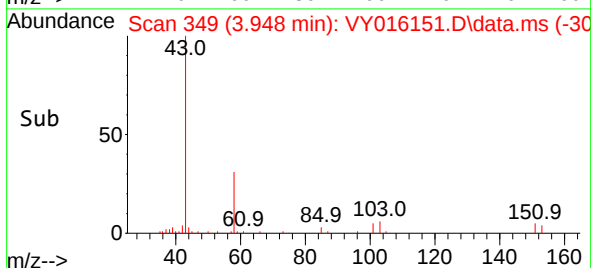
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

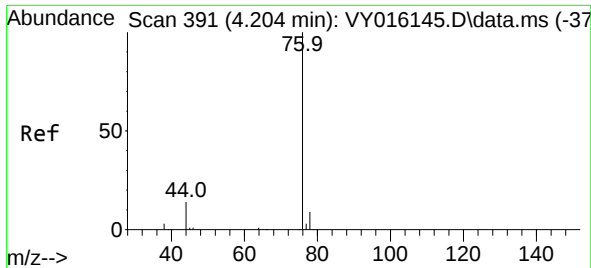


#16
Acetone
Concen: 102.117 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13



Tgt Ion: 43 Resp: 29948
Ion Ratio Lower Upper
43 100
58 30.3 22.7 34.1





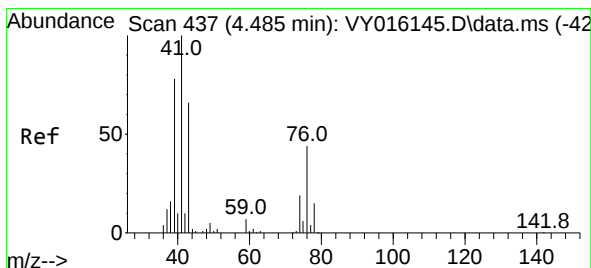
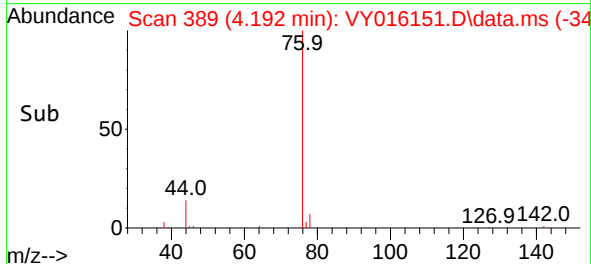
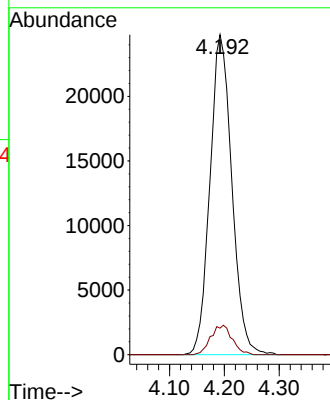
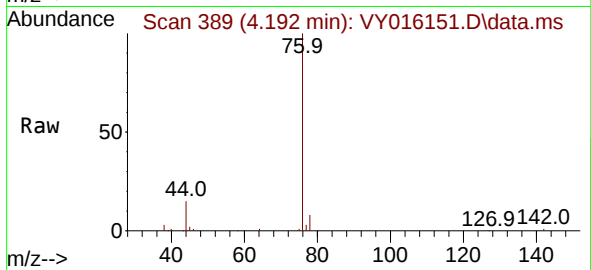
#17
Carbon Disulfide
Concen: 19.677 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.012 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

Tgt Ion: 76 Resp: 68725
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.4

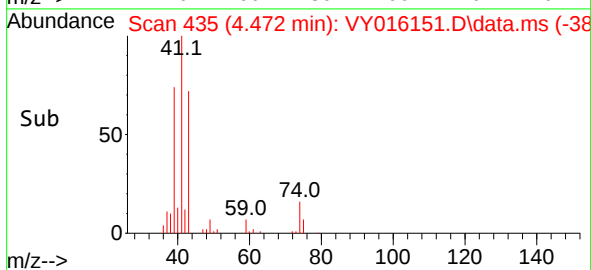
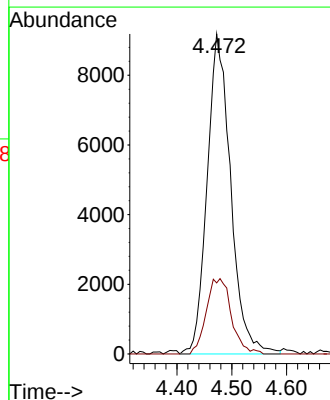
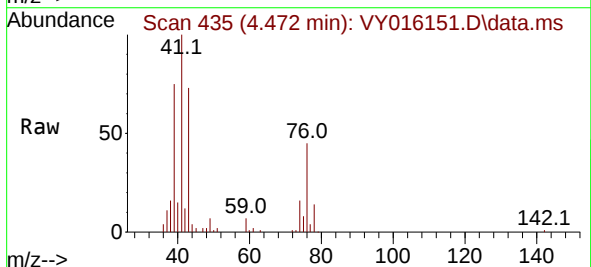
Manual Integrations
APPROVED

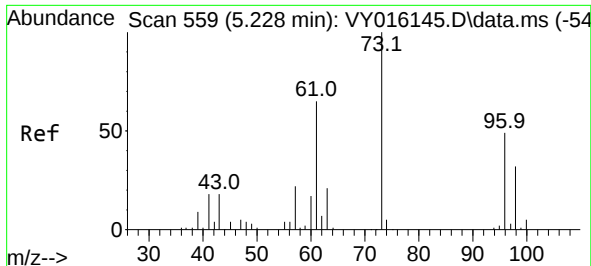
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#18
Methyl Acetate
Concen: 20.592 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.012 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Tgt Ion: 43 Resp: 27396
Ion Ratio Lower Upper
43 100
74 25.0 17.4 26.0





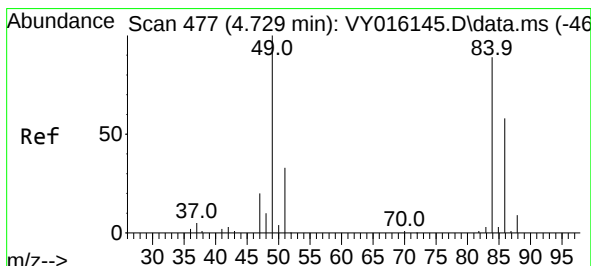
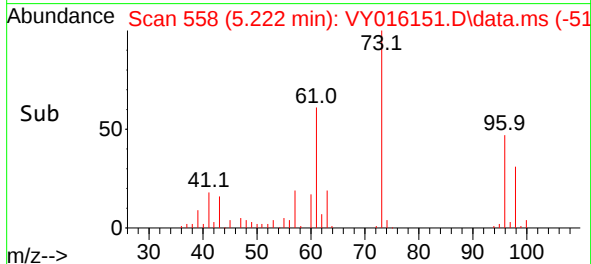
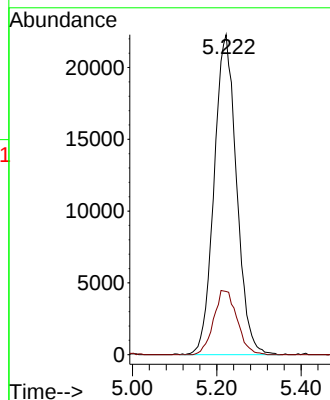
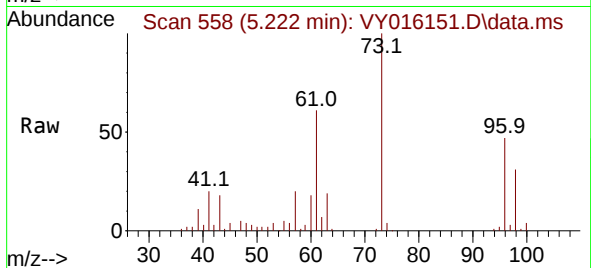
#19
Methyl tert-butyl Ether
Concen: 20.669 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

Tgt Ion: 73 Resp: 8224
Ion Ratio Lower Upper
73 100
57 19.8 17.3 25.9

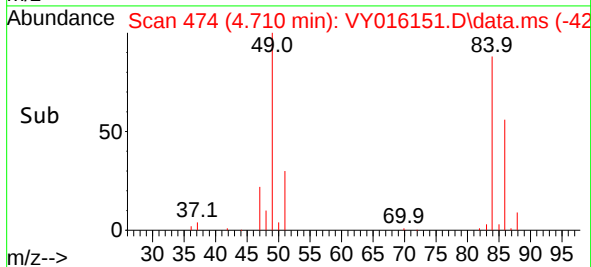
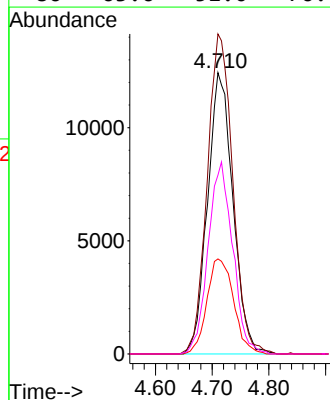
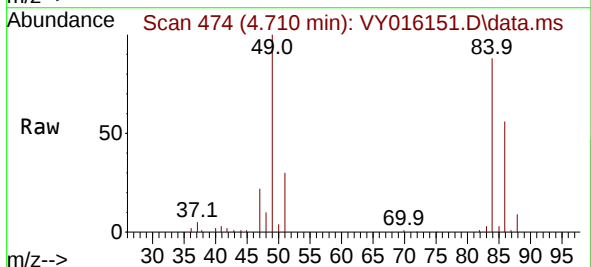
Manual Integrations
APPROVED

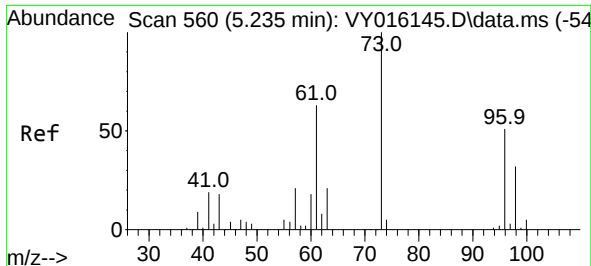
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#20
Methylene Chloride
Concen: 21.256 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.019 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

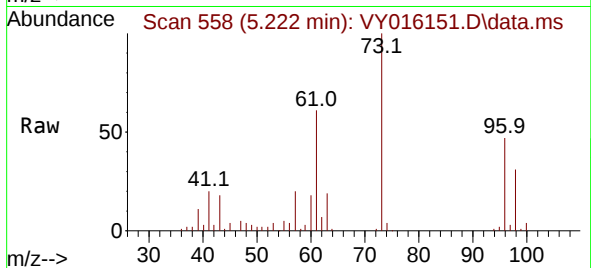
Tgt Ion: 84 Resp: 38713
Ion Ratio Lower Upper
84 100
49 113.8 106.9 160.3
51 33.8 33.2 49.8
86 63.6 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 19.977 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

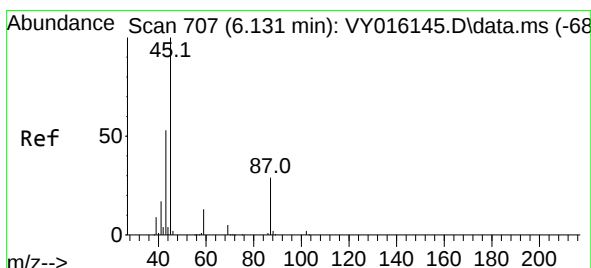
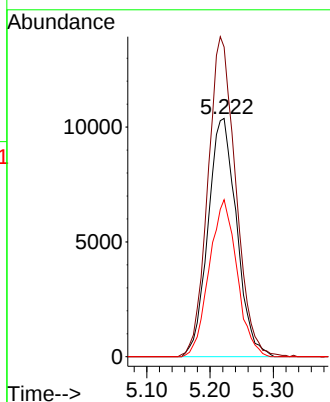
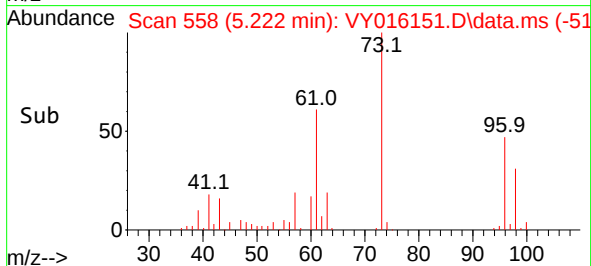
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01



Tgt Ion: 96 Resp: 3255
Ion Ratio Lower Upper
96 100
61 130.0 110.2 165.4
98 65.9 51.8 77.6

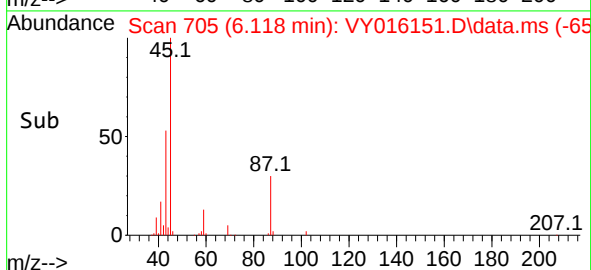
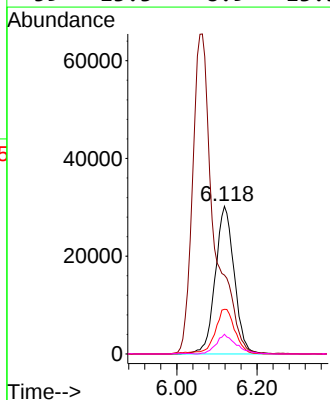
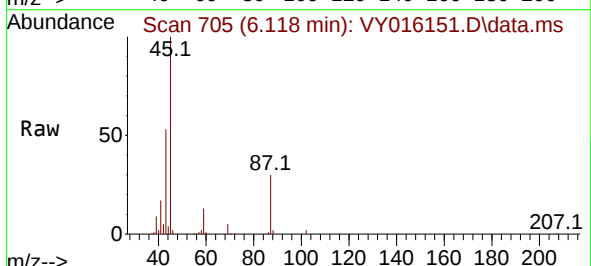
Manual Integrations
APPROVED

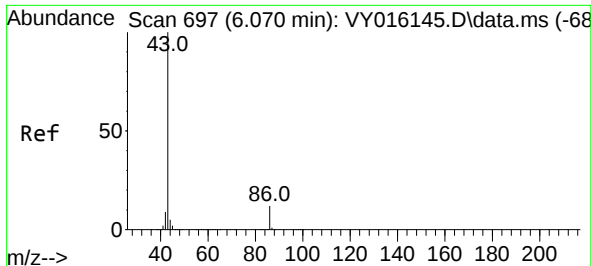
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#22
Diisopropyl ether
Concen: 20.467 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.012 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Tgt Ion: 45 Resp: 99060
Ion Ratio Lower Upper
45 100
43 52.9 52.2 78.4
87 30.2 21.0 31.6
59 13.3 8.9 13.3#





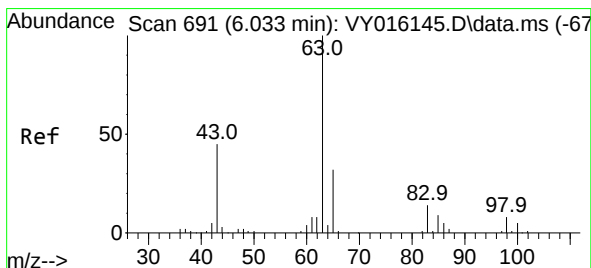
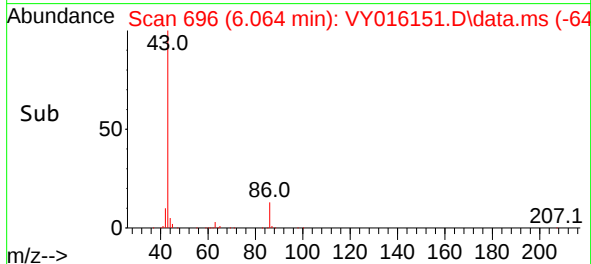
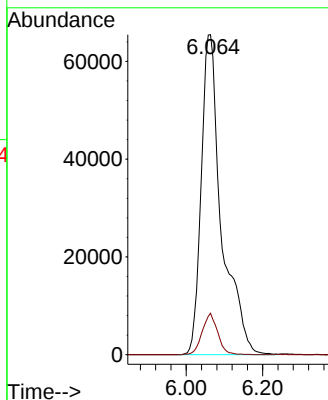
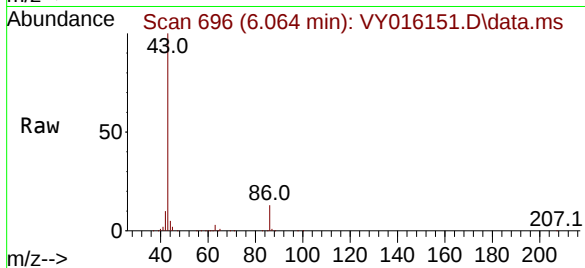
#23
 Vinyl Acetate
 Concen: 101.785 ug/l
 RT: 6.064 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY016151.D
 Acq: 31 Oct 2023 17:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1031SBSD01

Tgt Ion: 43 Resp: 24187
 Ion Ratio Lower Upper
 43 100
 86 13.0 7.5 11.3

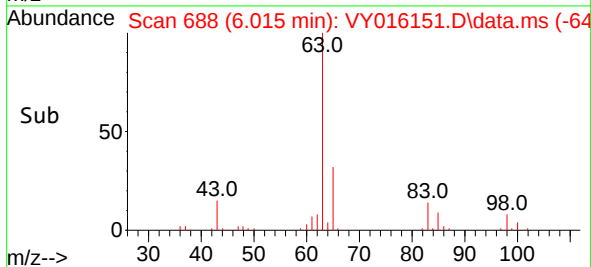
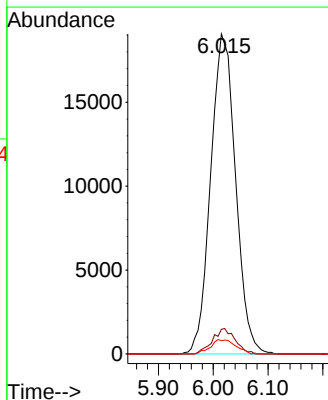
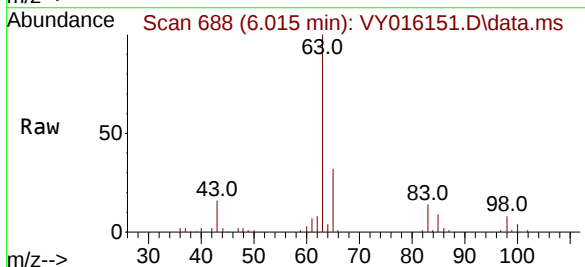
Manual Integrations
 APPROVED

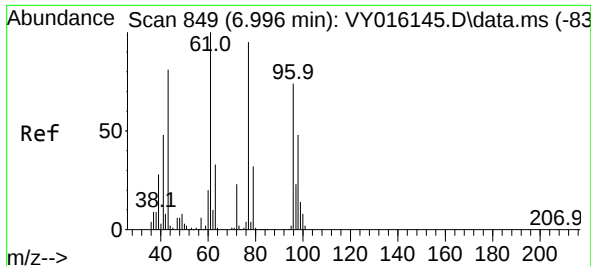
Reviewed By :John Carlone 11/01/2023
 Supervised By :Mahesh Dadoda 11/01/2023



#24
 1,1-Dichloroethane
 Concen: 20.777 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.018 min
 Lab File: VY016151.D
 Acq: 31 Oct 2023 17:13

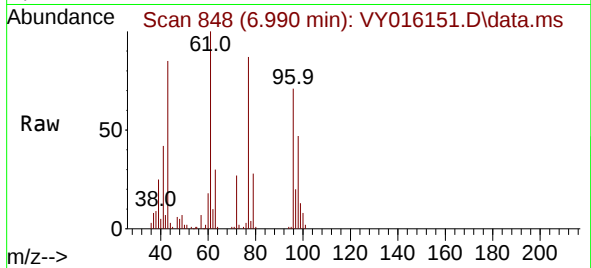
Tgt Ion: 63 Resp: 60183
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.1 9.4
 100 4.2 1.8 5.5





#25
2-Butanone
Concen: 101.213 ug/l
RT: 6.990 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

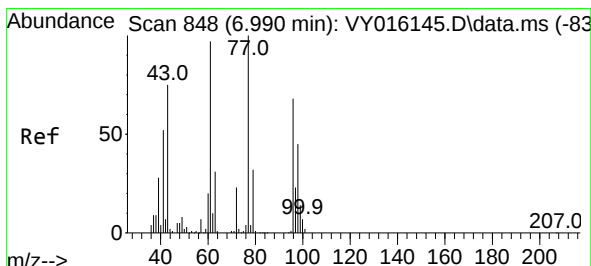
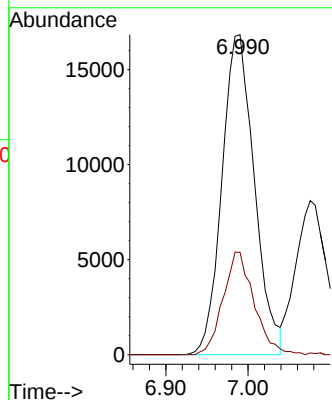
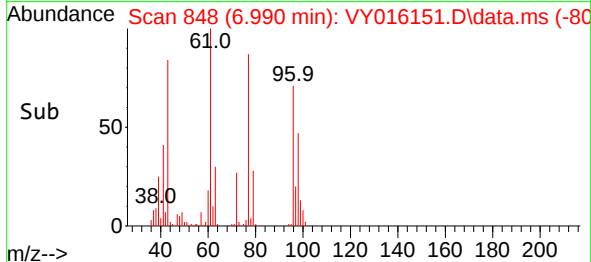
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01



Tgt Ion: 43 Resp: 4619
Ion Ratio Lower Upper
43 100
72 32.0 20.5 30.7

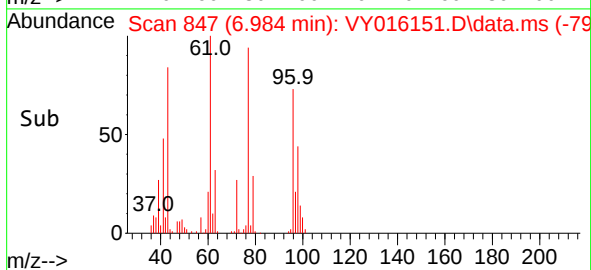
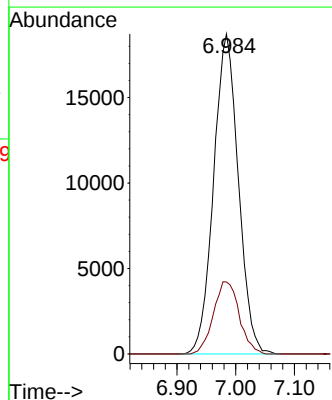
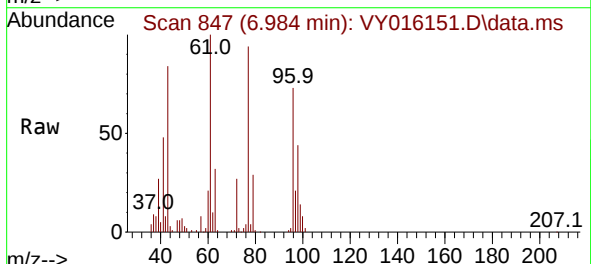
Manual Integrations
APPROVED

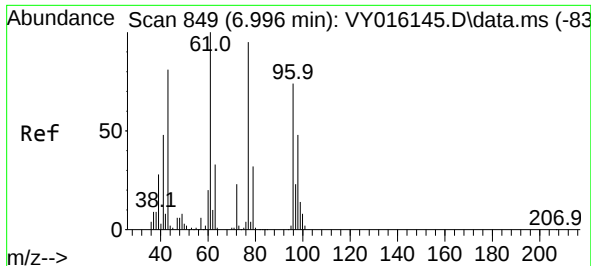
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#26
2,2-Dichloropropane
Concen: 19.964 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

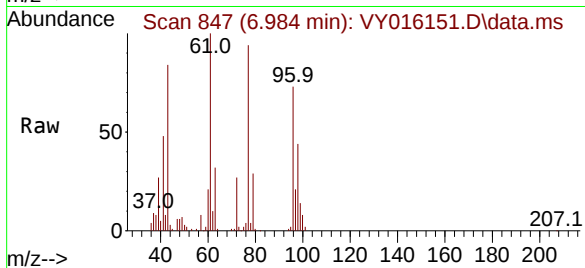
Tgt Ion: 77 Resp: 54666
Ion Ratio Lower Upper
77 100
97 23.6 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 20.941 ug/l
 RT: 6.984 min Scan# 849
 Delta R.T. -0.012 min
 Lab File: VY016151.D
 Acq: 31 Oct 2023 17:13

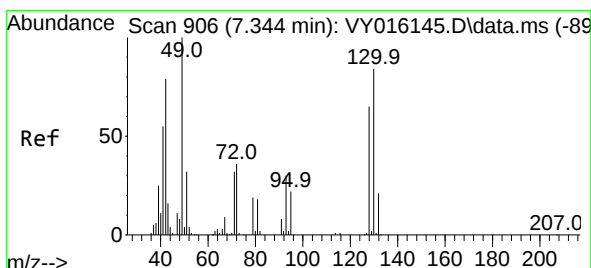
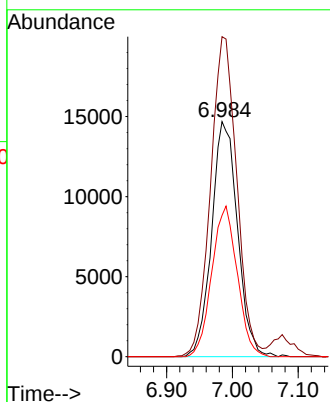
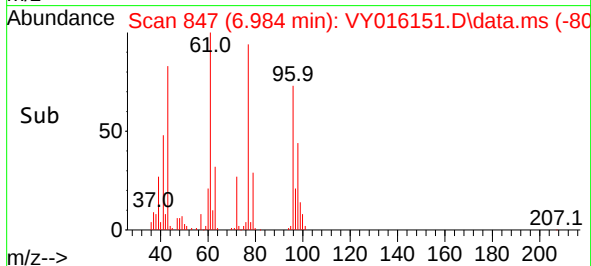
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1031SBS01



Tgt Ion: 96 Resp: 40159
 Ion Ratio Lower Upper
 96 100
 61 137.9 0.0 301.4
 98 63.1 0.0 130.4

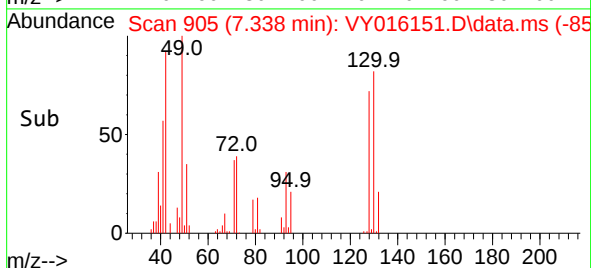
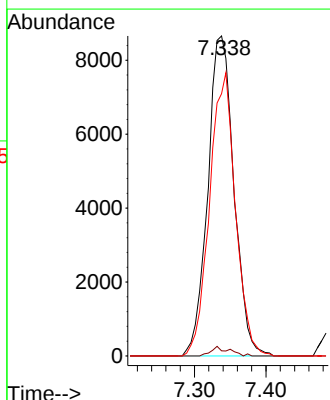
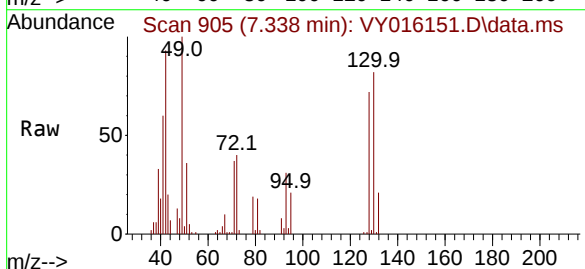
Manual Integrations
 APPROVED

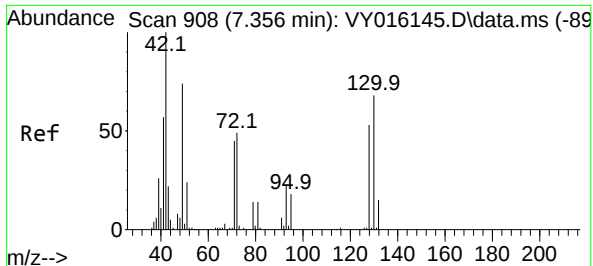
Reviewed By :John Carlone 11/01/2023
 Supervised By :Mahesh Dadoda 11/01/2023



#28
 Bromochloromethane
 Concen: 20.327 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. -0.006 min
 Lab File: VY016151.D
 Acq: 31 Oct 2023 17:13

Tgt Ion: 49 Resp: 22033
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 87.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 105.334 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY016151.D

Acq: 31 Oct 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBSD01

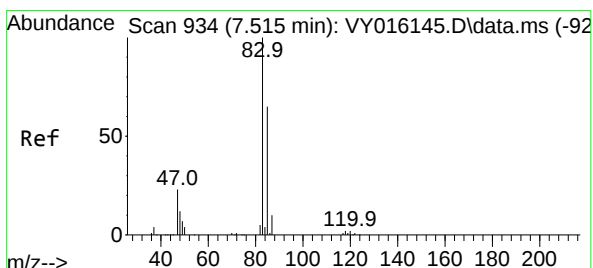
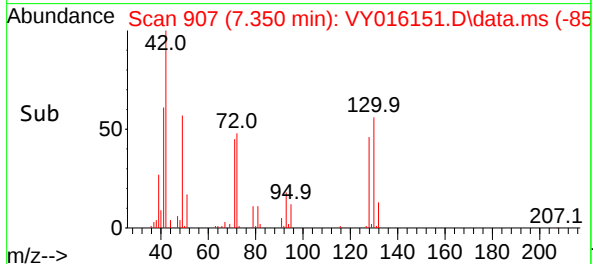
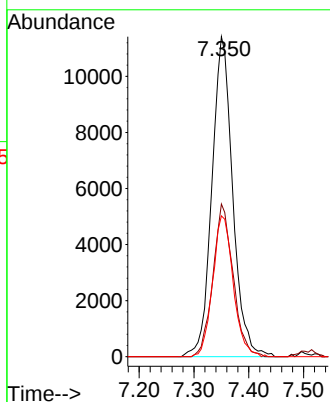
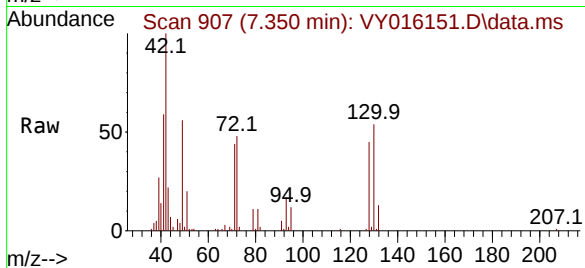
Tgt Ion:	42	Resp:	3013
Ion Ratio	Lower	Upper	
42	100		
72	46.2	32.8	49.2
71	43.3	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#30

Chloroform

Concen: 20.780 ug/l

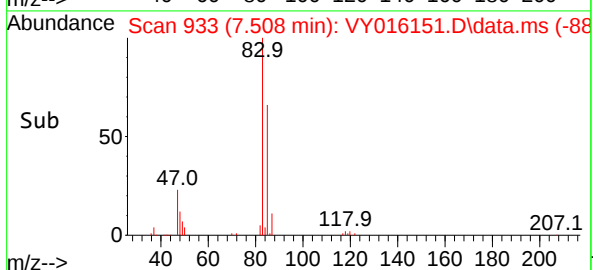
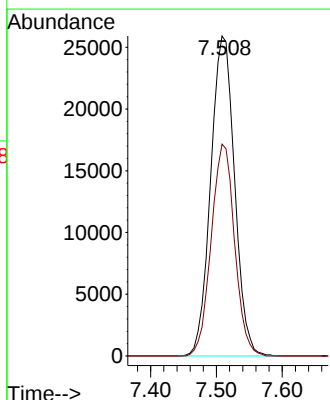
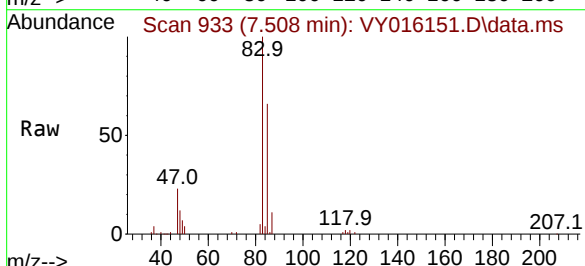
RT: 7.508 min Scan# 933

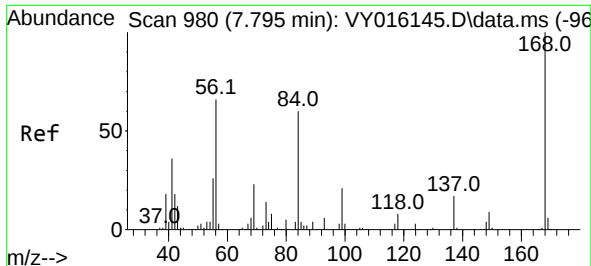
Delta R.T. -0.006 min

Lab File: VY016151.D

Acq: 31 Oct 2023 17:13

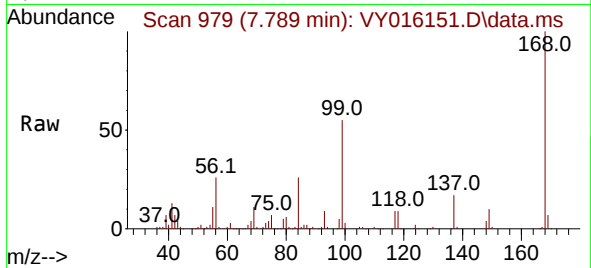
Tgt Ion:	83	Resp:	65531
Ion Ratio	Lower	Upper	
83	100		
85	66.2	49.7	74.5





#31
Cyclohexane
Concen: 19.271 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

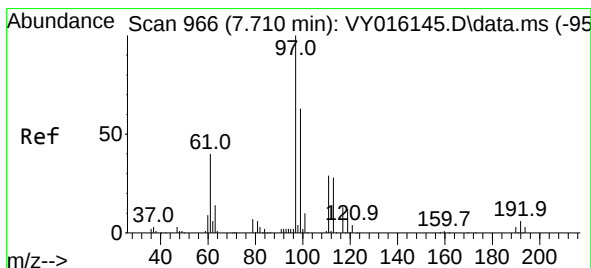
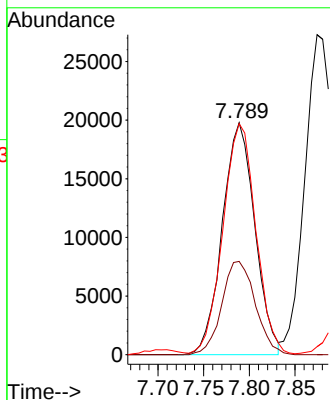
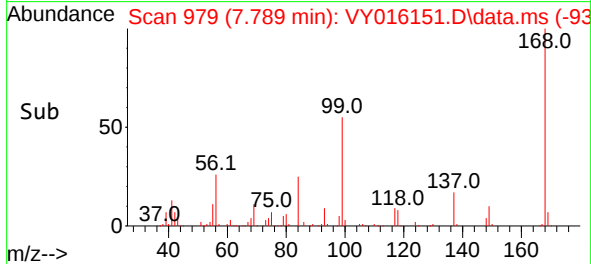
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01



Tgt Ion: 56 Resp: 4900
Ion Ratio Lower Upper
56 100
69 40.2 27.8 41.6
84 98.3 66.4 99.6

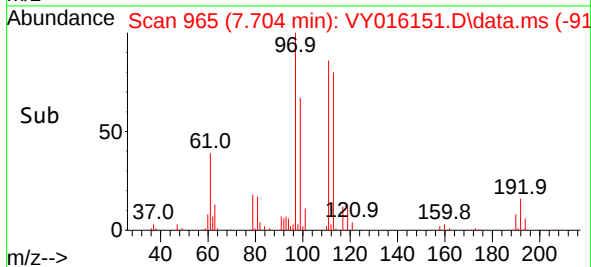
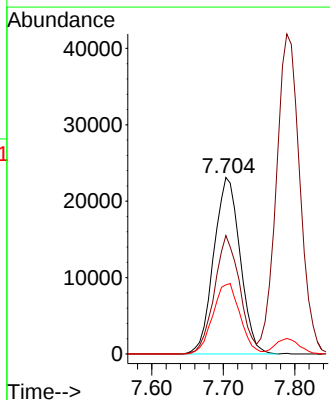
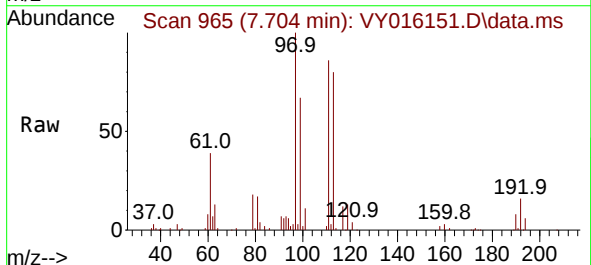
Manual Integrations
APPROVED

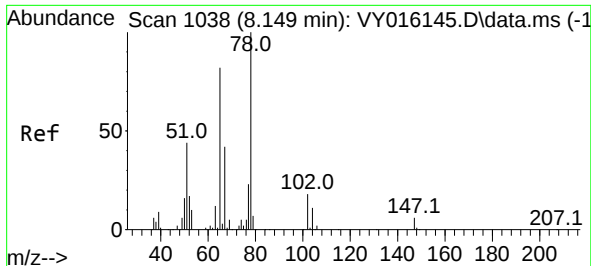
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#32
1,1,1-Trichloroethane
Concen: 20.459 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Tgt Ion: 97 Resp: 59169
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 41.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 50.418 ug/l

RT: 8.142 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY016151.D

Acq: 31 Oct 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBS01

Tgt Ion: 65 Resp: 83408

Ion Ratio Lower Upper

65 100

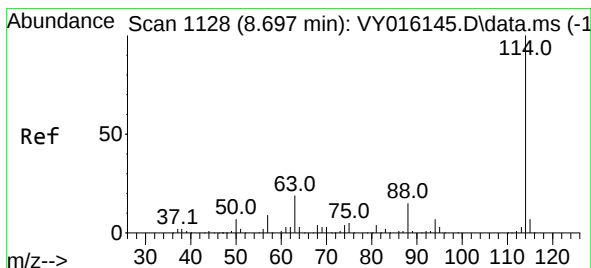
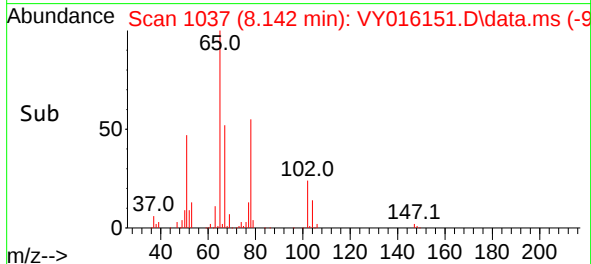
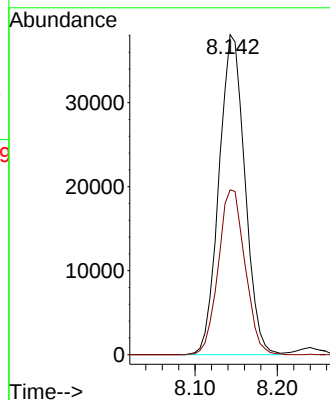
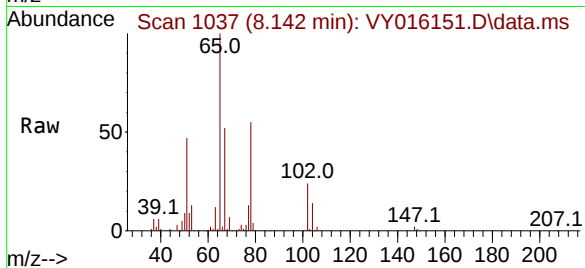
67 53.2 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY016151.D

Acq: 31 Oct 2023 17:13

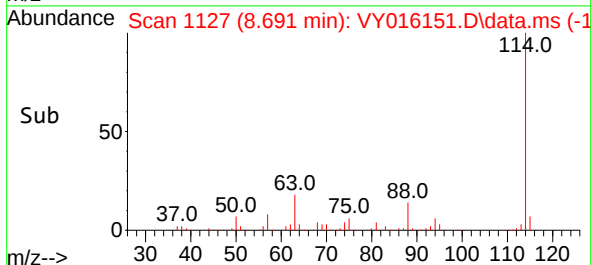
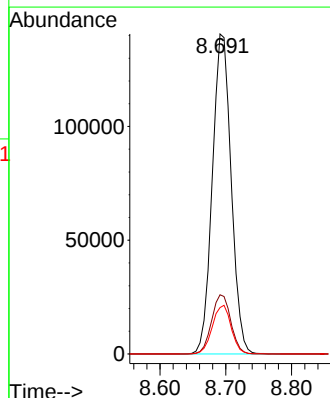
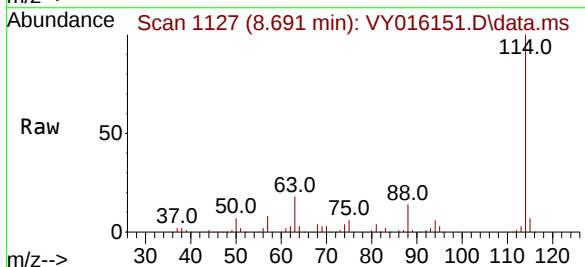
Tgt Ion:114 Resp: 280005

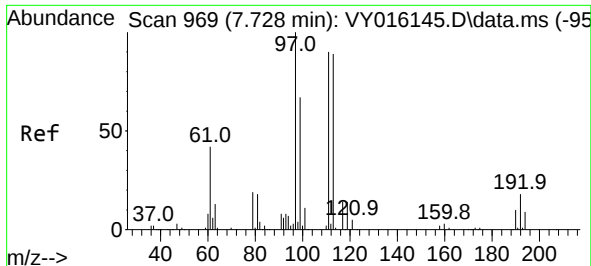
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 14.5 0.0 30.6





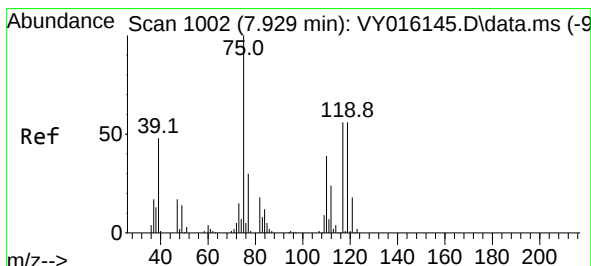
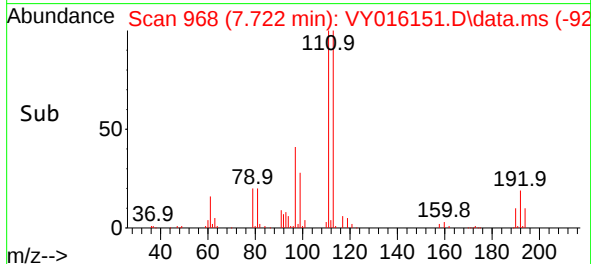
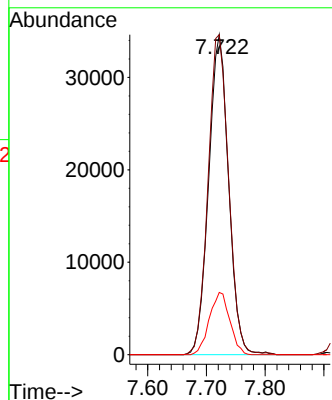
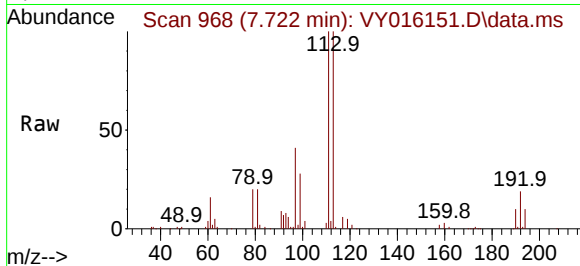
#35
Dibromofluoromethane
Concen: 48.842 ug/l
RT: 7.722 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

Tgt Ion:113 Resp: 8153
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.9 16.9 25.3

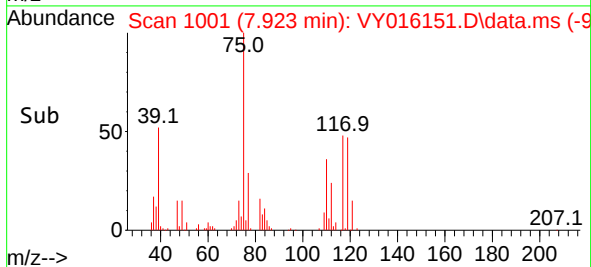
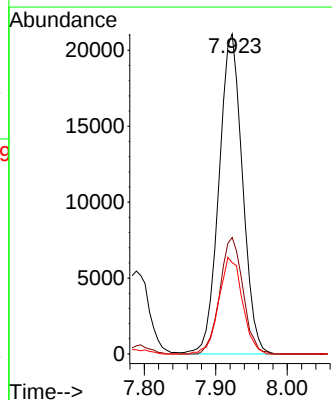
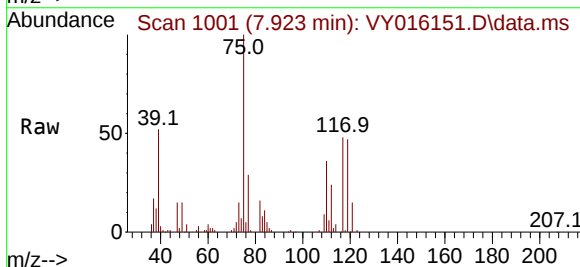
Manual Integrations
APPROVED

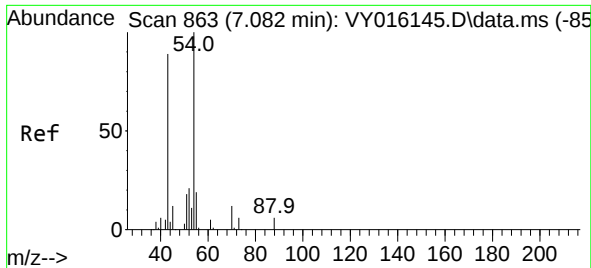
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#36
1,1-Dichloropropene
Concen: 19.975 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

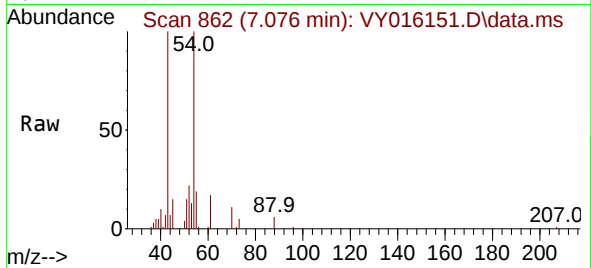
Tgt Ion: 75 Resp: 48149
Ion Ratio Lower Upper
75 100
110 35.8 17.8 53.5
77 30.4 24.4 36.6





#37
Ethyl Acetate
Concen: 20.229 ug/l
RT: 7.076 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

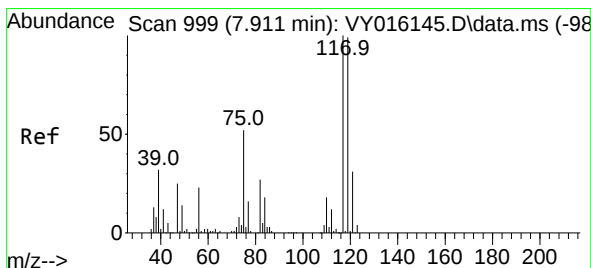
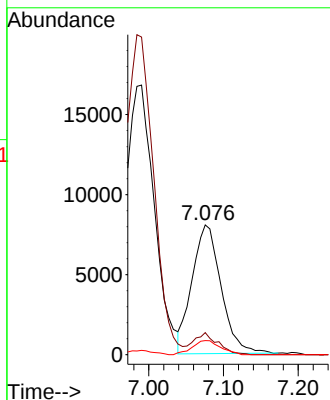
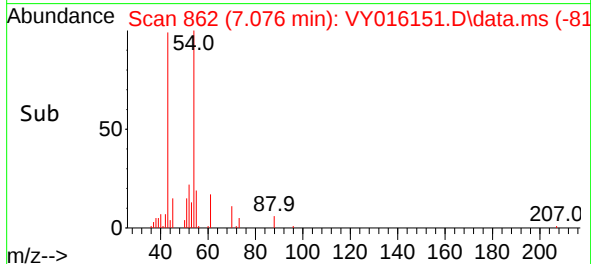
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01



Tgt Ion: 43 Resp: 21718
Ion Ratio Lower Upper
43 100
61 14.5 10.1 15.1
70 10.6 7.1 10.7

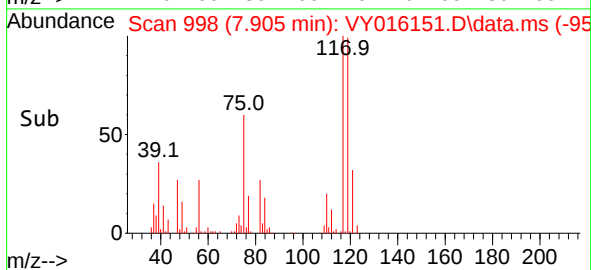
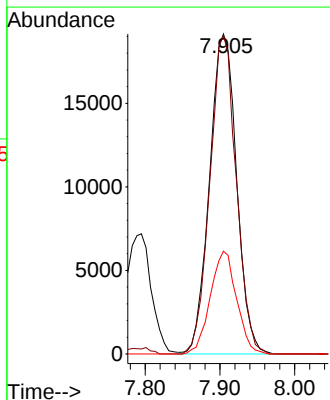
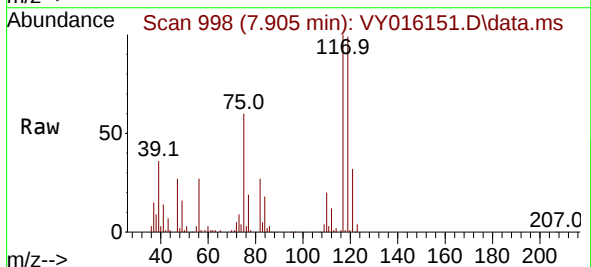
Manual Integrations
APPROVED

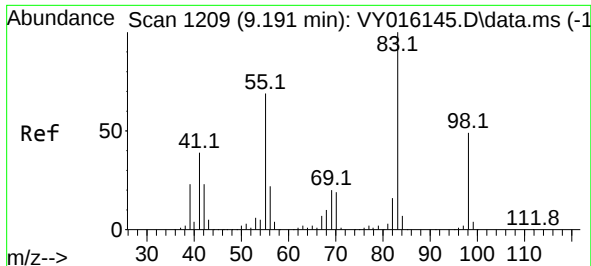
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#38
Carbon Tetrachloride
Concen: 20.181 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Tgt Ion:117 Resp: 48195
Ion Ratio Lower Upper
117 100
119 99.5 76.4 114.6
121 32.1 25.8 38.6





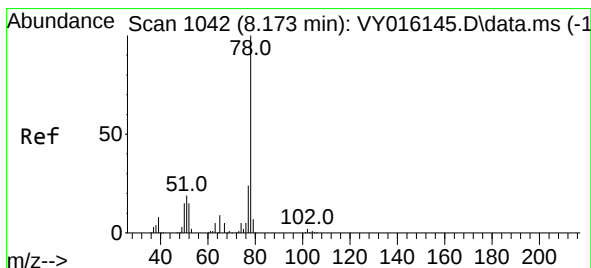
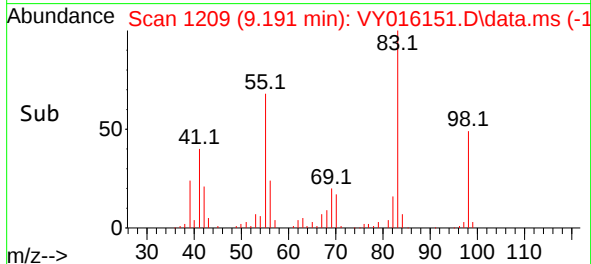
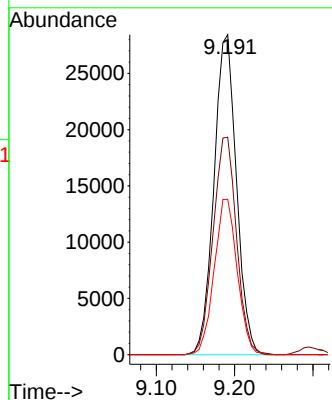
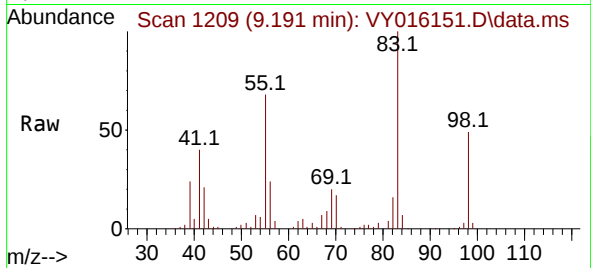
#39
Methylcyclohexane
Concen: 19.744 ug/l
RT: 9.191 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

Tgt Ion: 83 Resp: 56810
Ion Ratio Lower Upper
83 100
55 68.0 63.0 94.4
98 48.6 37.4 56.2

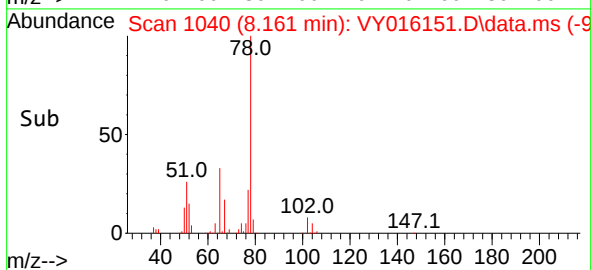
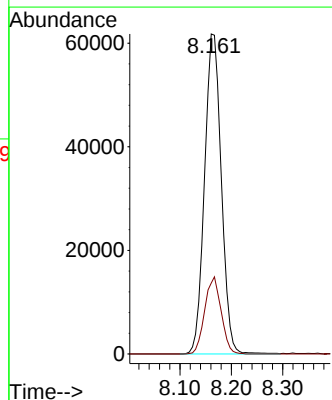
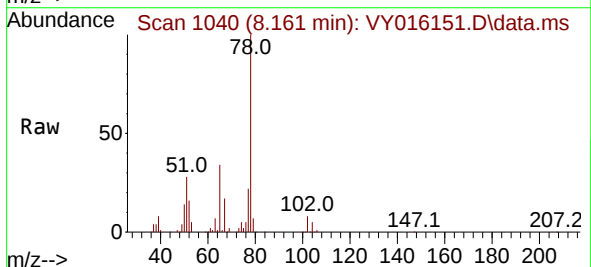
Manual Integrations
APPROVED

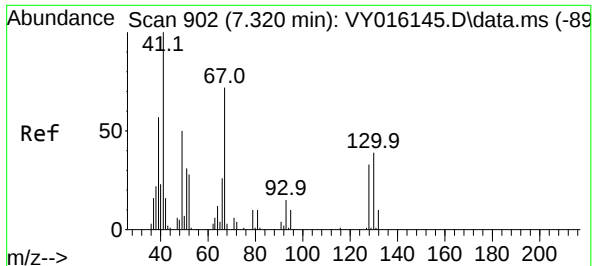
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#40
Benzene
Concen: 20.243 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

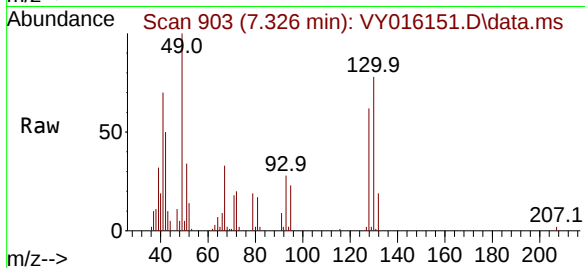
Tgt Ion: 78 Resp: 140087
Ion Ratio Lower Upper
78 100
77 22.2 19.0 28.6





#41
Methacrylonitrile
Concen: 22.562 ug/l m
RT: 7.326 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

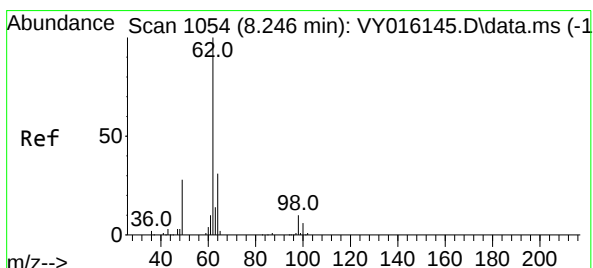
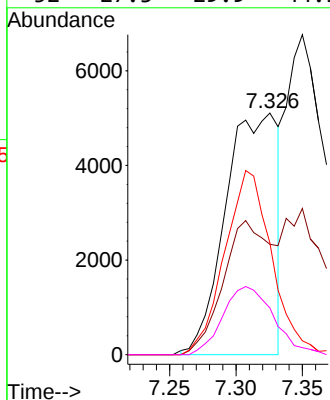
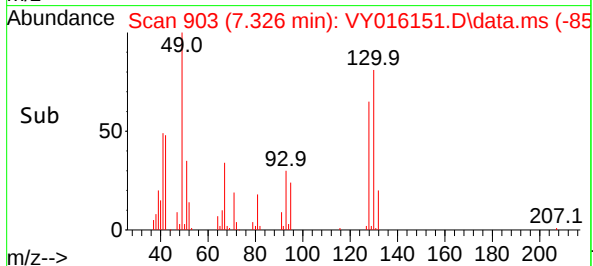
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01



Tgt Ion: 41 Resp: 14060
Ion Ratio Lower Upper
41 100
39 52.9 52.1 78.1
67 68.2 66.2 99.2
52 27.3 29.9 44.9#

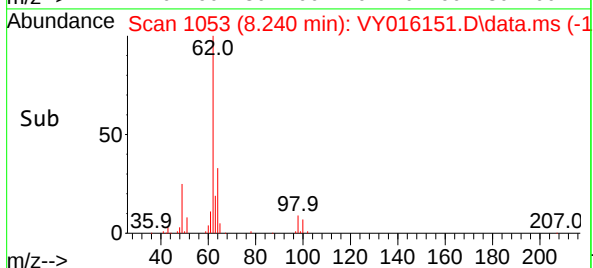
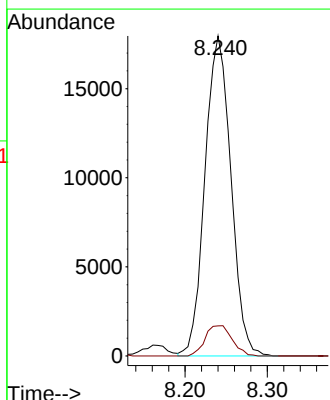
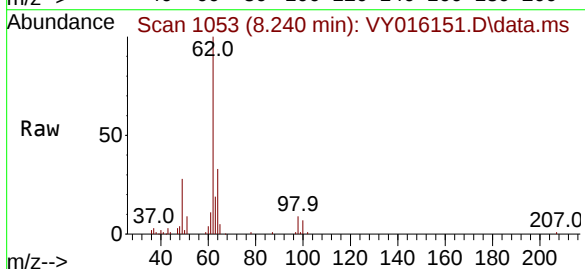
Manual Integrations
APPROVED

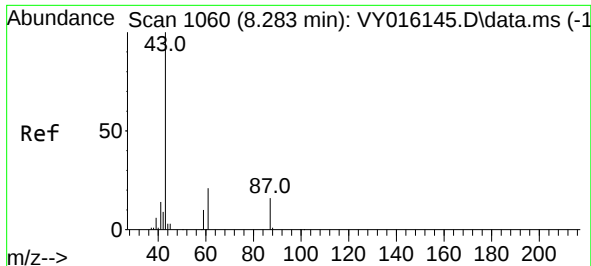
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#42
1,2-Dichloroethane
Concen: 20.418 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

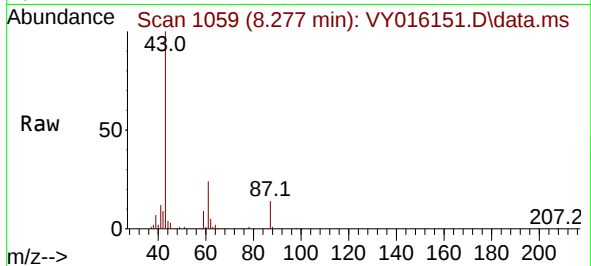
Tgt Ion: 62 Resp: 39431
Ion Ratio Lower Upper
62 100
98 9.9 0.0 15.8





#43
Isopropyl Acetate
Concen: 20.012 ug/l
RT: 8.277 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

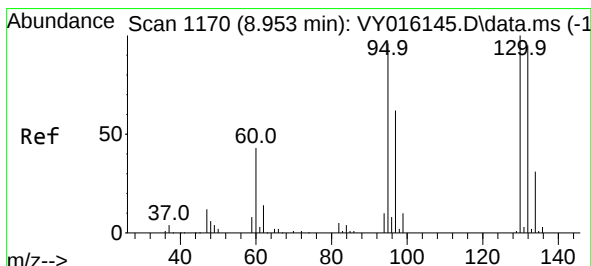
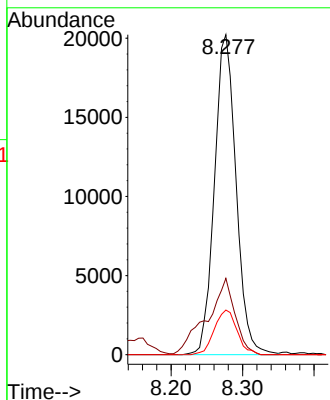
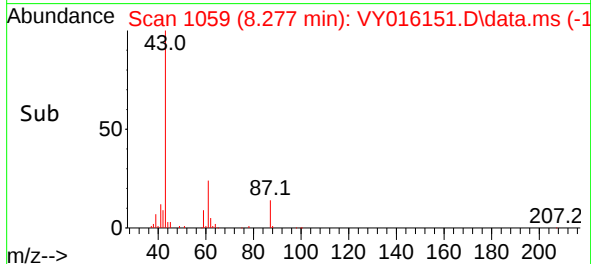
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01



Tgt Ion: 43 Resp: 42499
Ion Ratio Lower Upper
43 100
61 31.0 21.1 31.7
87 14.6 9.8 14.8

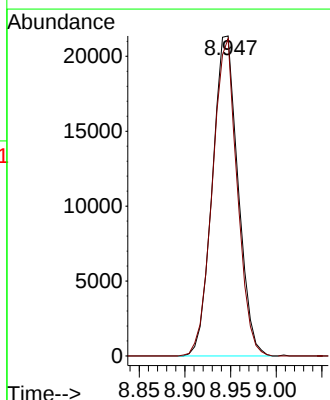
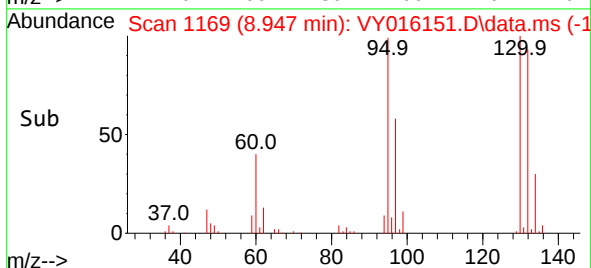
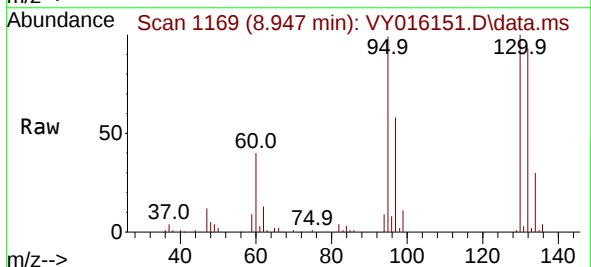
Manual Integrations
APPROVED

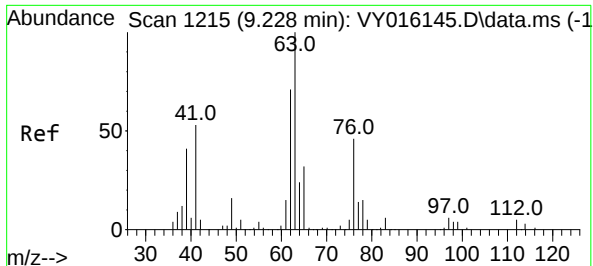
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#44
Trichloroethene
Concen: 20.566 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Tgt Ion:130 Resp: 41648
Ion Ratio Lower Upper
130 100
95 99.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.743 ug/l

RT: 9.222 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VY016151.D

Acq: 31 Oct 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBS01

Tgt Ion: 63 Resp: 3453

Ion Ratio Lower Upper

63 100

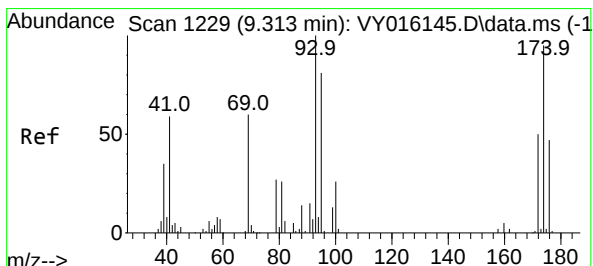
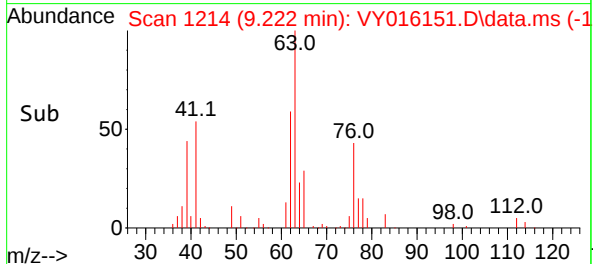
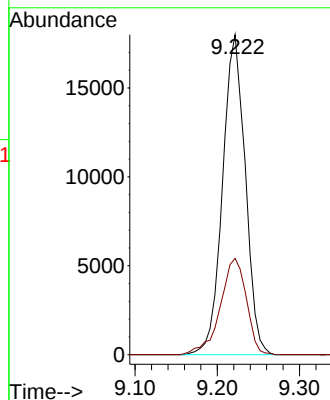
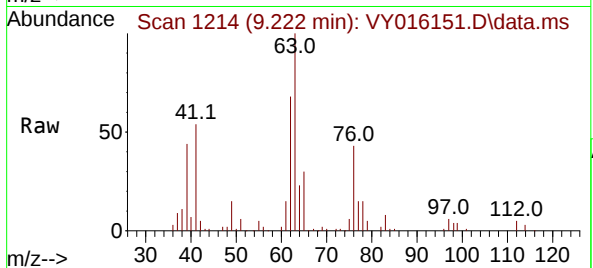
65 30.1 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#46

Dibromomethane

Concen: 20.477 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY016151.D

Acq: 31 Oct 2023 17:13

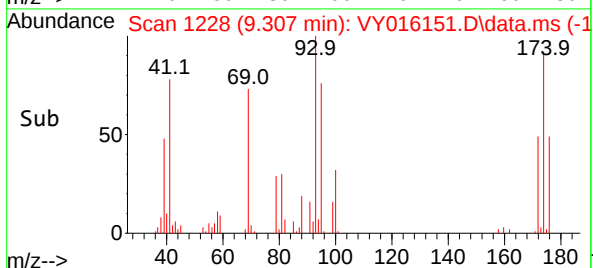
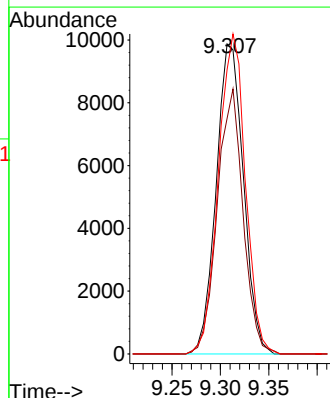
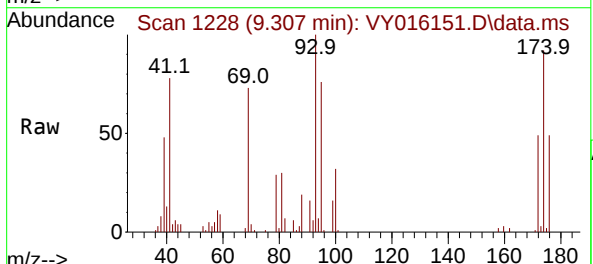
Tgt Ion: 93 Resp: 19338

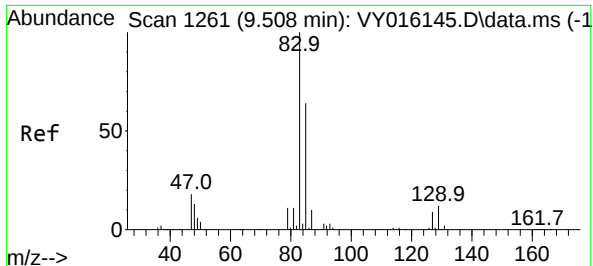
Ion Ratio Lower Upper

93 100

95 80.8 66.6 100.0

174 102.3 84.8 127.2





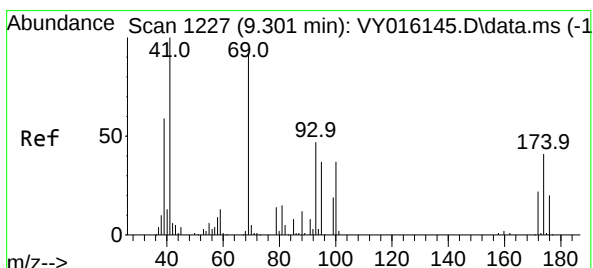
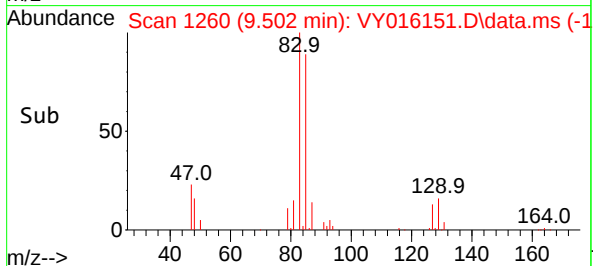
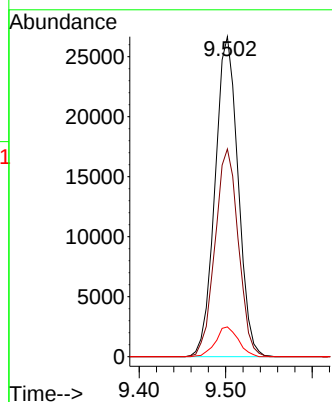
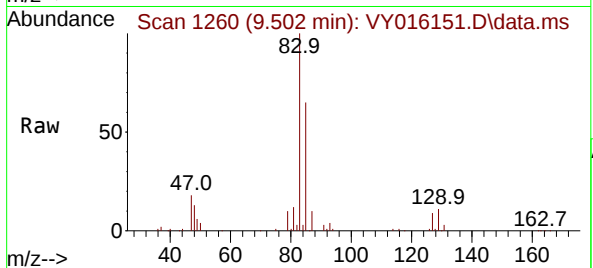
#47
Bromodichloromethane
Concen: 20.498 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

Tgt Ion: 83 Resp: 4918
Ion Ratio Lower Upper
83 100
85 64.9 50.1 75.1
127 9.3 7.1 10.7

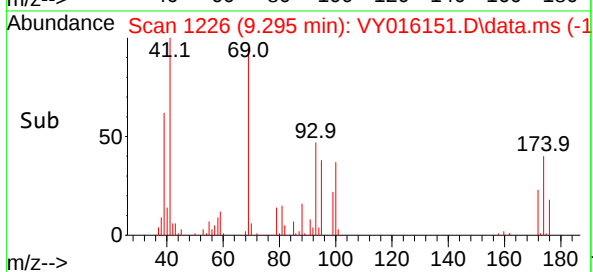
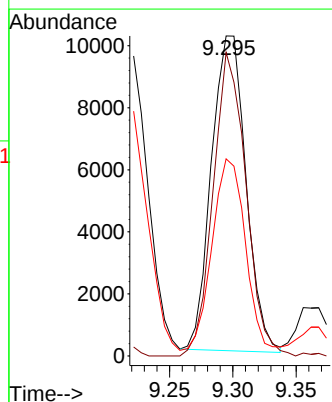
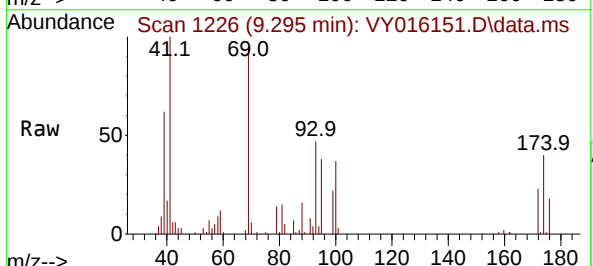
Manual Integrations
APPROVED

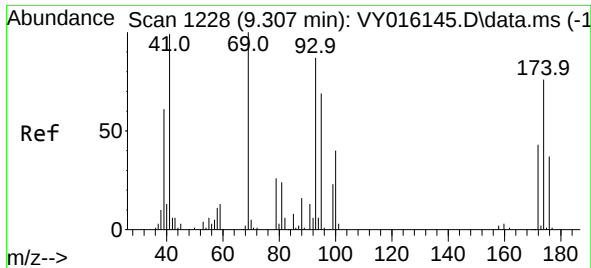
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#48
Methyl methacrylate
Concen: 19.975 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

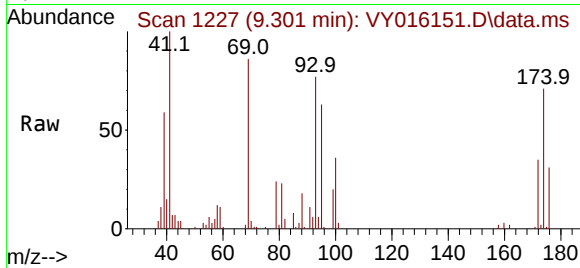
Tgt Ion: 41 Resp: 19290
Ion Ratio Lower Upper
41 100
69 91.3 64.5 96.7
39 62.3 50.8 76.2





#49
1,4-Dioxane
Concen: 359.987 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

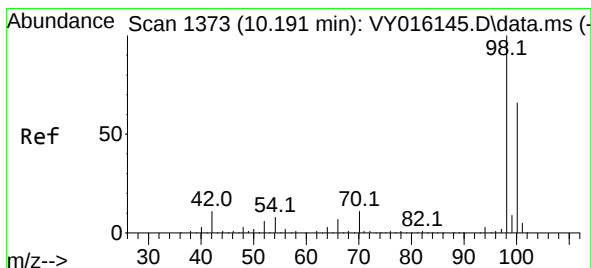
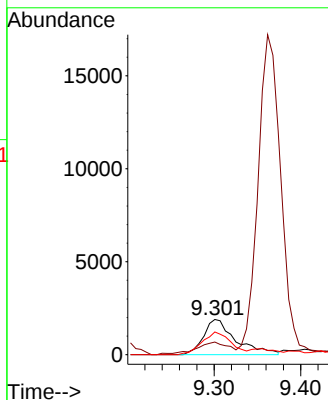
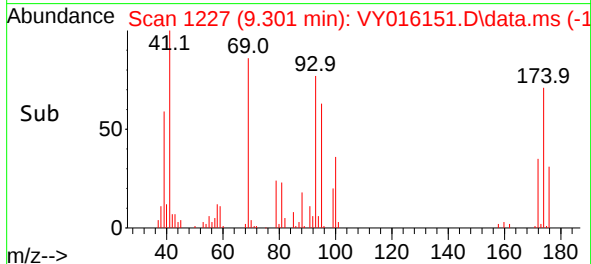
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01



Tgt Ion: 88 Resp: 4879
Ion Ratio Lower Upper
88 100
43 36.6 0.0 0.0
58 57.7 30.9 46.3

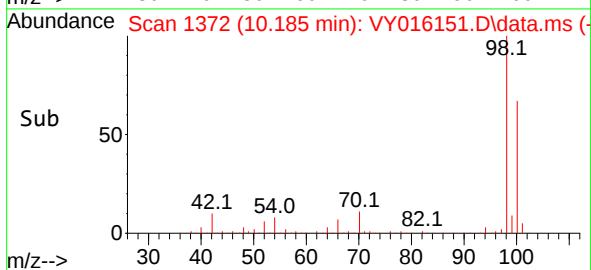
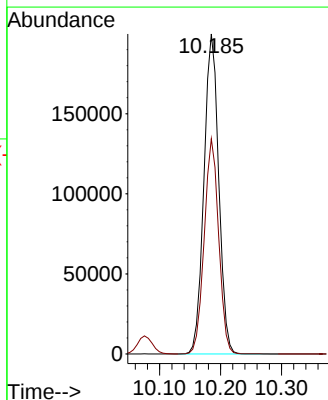
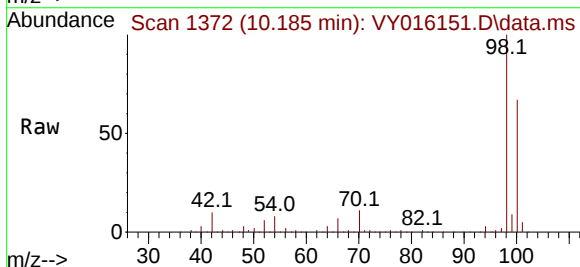
Manual Integrations
APPROVED

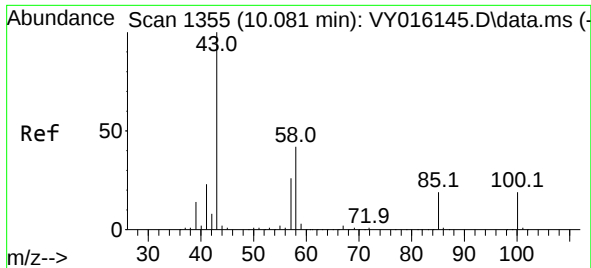
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#50
Toluene-d8
Concen: 50.889 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Tgt Ion: 98 Resp: 336811
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1





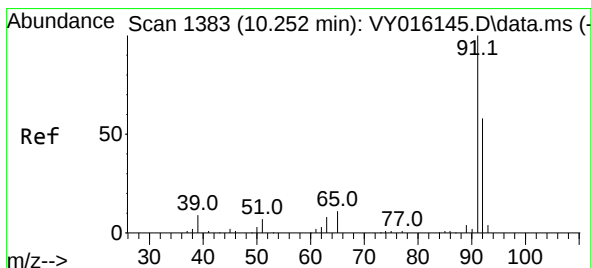
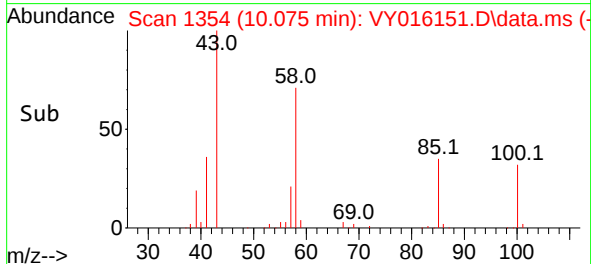
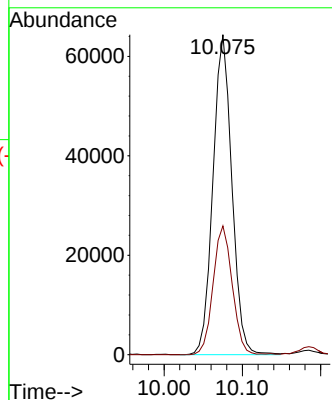
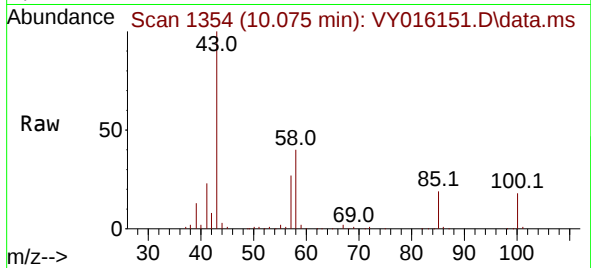
#51
4-Methyl-2-Pentanone
Concen: 101.969 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

Tgt Ion: 43 Resp: 10805
Ion Ratio Lower Upper
43 100
58 40.7 29.0 43.6

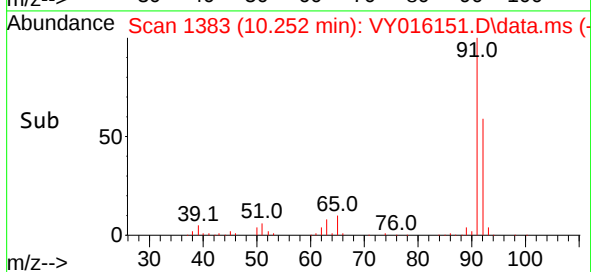
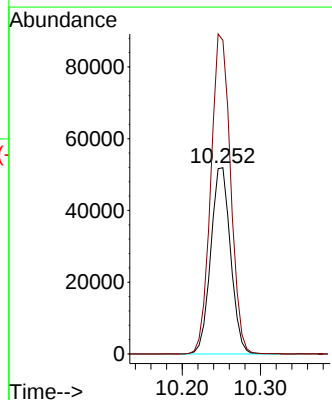
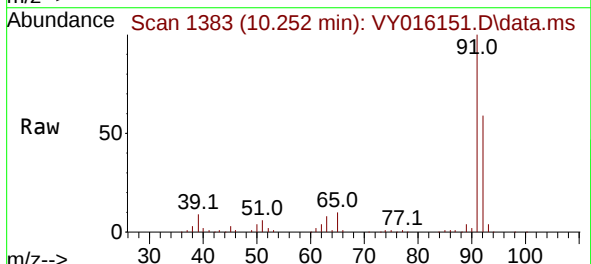
Manual Integrations
APPROVED

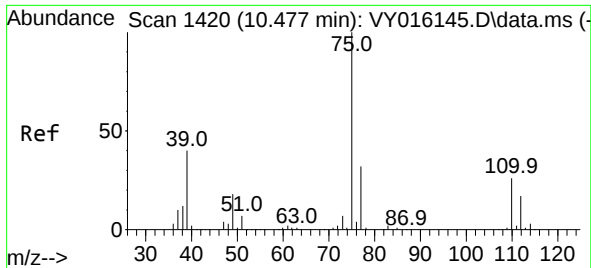
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#52
Toluene
Concen: 20.325 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Tgt Ion: 92 Resp: 91142
Ion Ratio Lower Upper
92 100
91 171.3 143.8 215.6





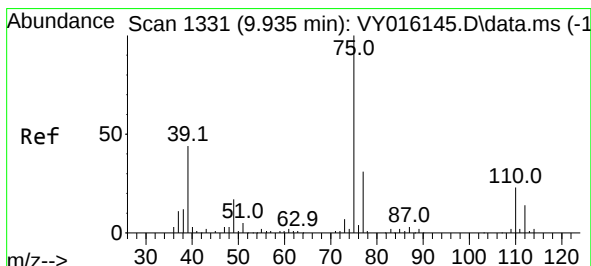
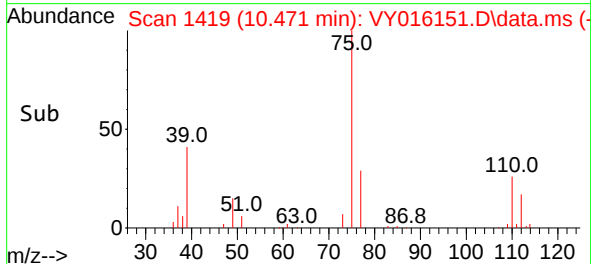
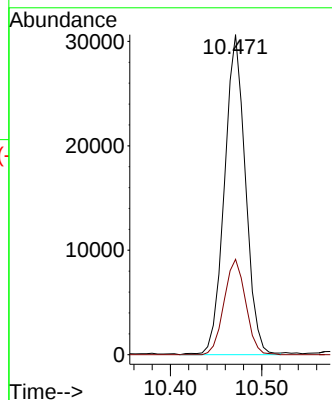
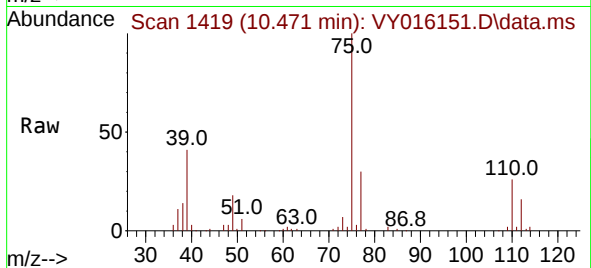
#53
t-1,3-Dichloropropene
Concen: 20.424 ug/l
RT: 10.471 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

Tgt Ion: 75 Resp: 4892
Ion Ratio Lower Upper
75 100
77 29.8 25.0 37.4

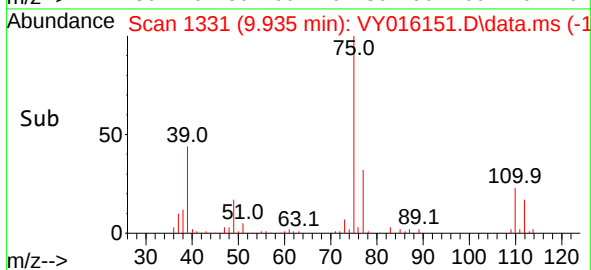
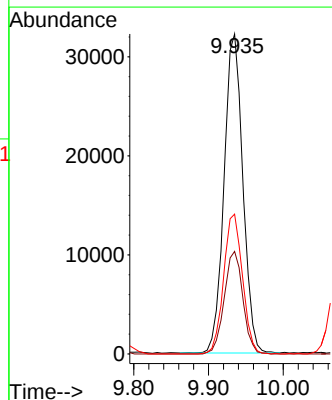
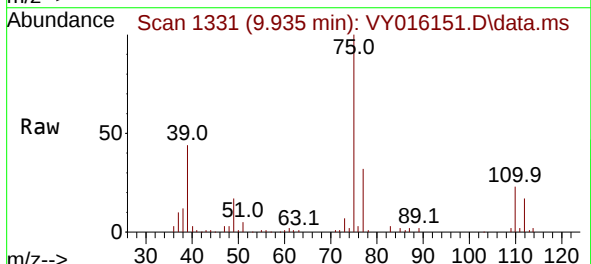
Manual Integrations
APPROVED

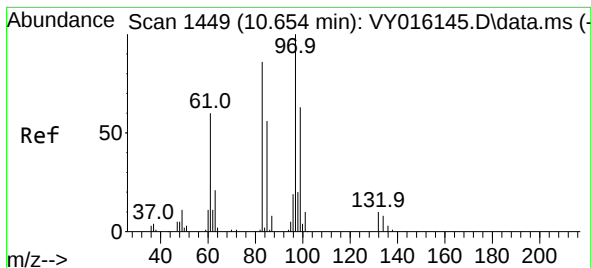
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#54
cis-1,3-Dichloropropene
Concen: 20.047 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

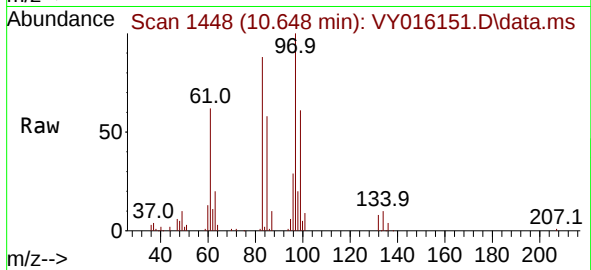
Tgt Ion: 75 Resp: 56344
Ion Ratio Lower Upper
75 100
77 32.2 24.2 36.4
39 43.8 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 20.889 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

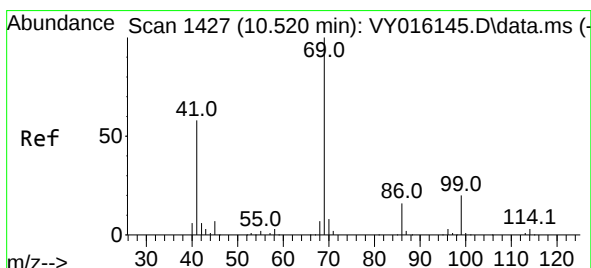
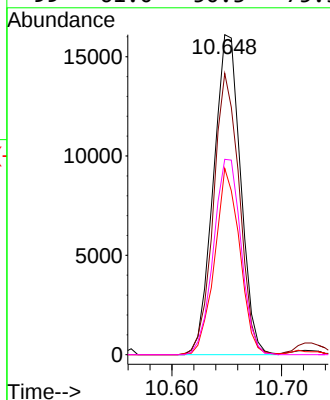
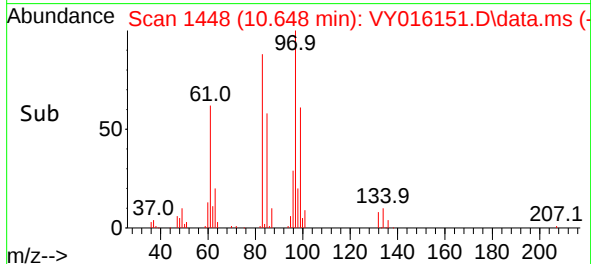
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01



Tgt Ion: 97 Resp: 27748
Ion Ratio Lower Upper
97 100
83 87.9 72.0 108.0
85 58.2 45.4 68.0
99 61.0 50.3 75.5

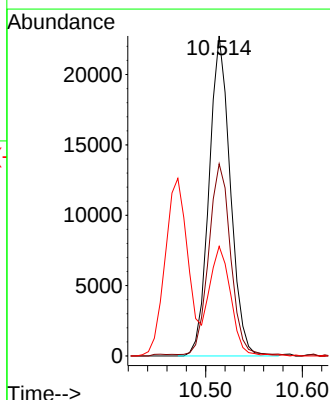
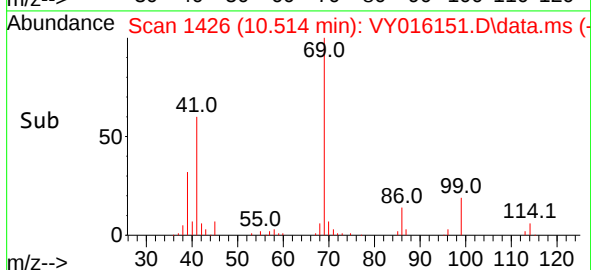
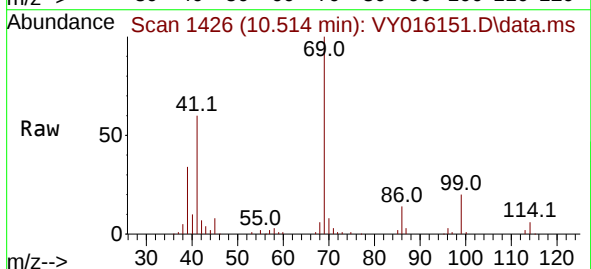
Manual Integrations
APPROVED

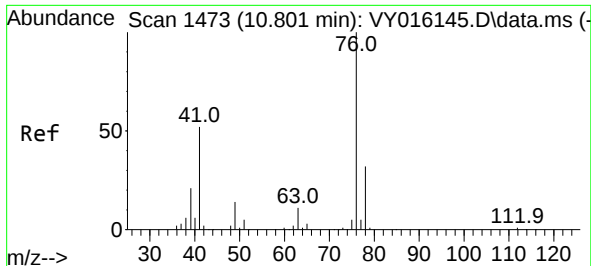
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#56
Ethyl methacrylate
Concen: 20.145 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Tgt Ion: 69 Resp: 34753
Ion Ratio Lower Upper
69 100
41 62.8 57.6 86.4
39 34.1 34.1 51.1#





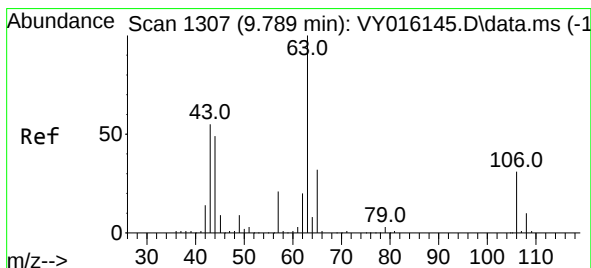
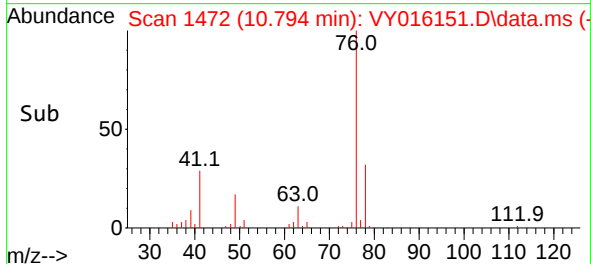
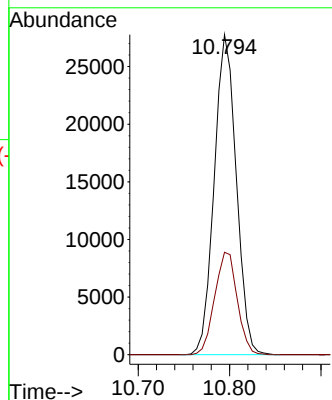
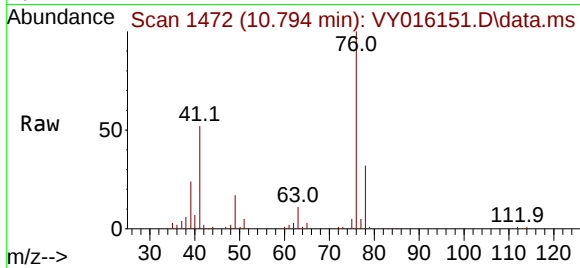
#57
1,3-Dichloropropane
Concen: 20.576 ug/l
RT: 10.794 min Scan# 1473
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

Tgt Ion: 76 Resp: 4653
Ion Ratio Lower Upper
76 100
78 32.7 25.3 37.9

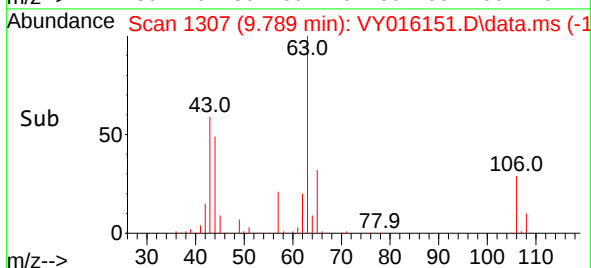
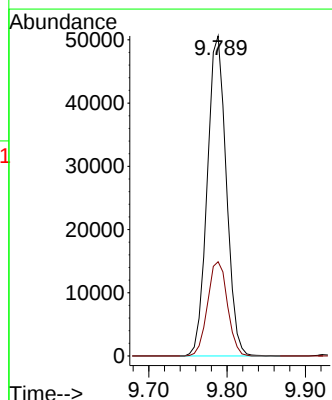
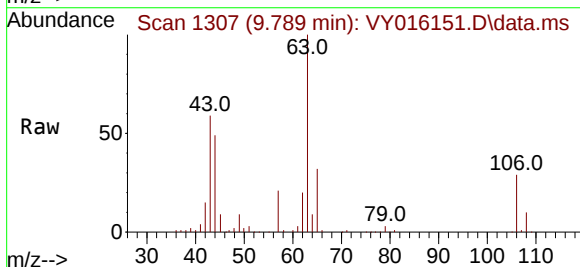
Manual Integrations
APPROVED

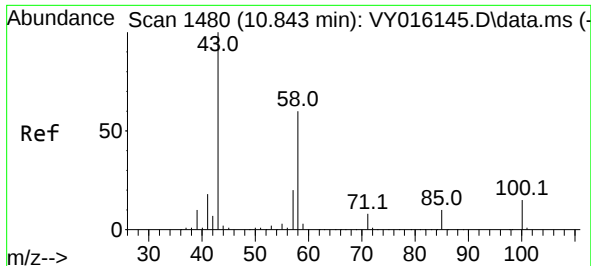
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#58
2-Chloroethyl Vinyl ether
Concen: 101.952 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

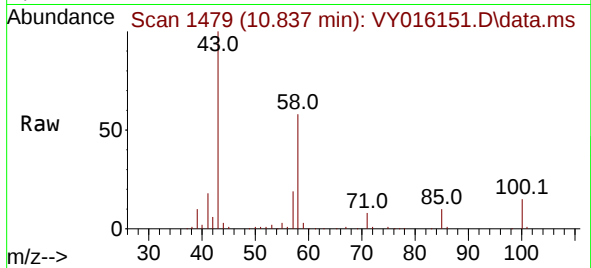
Tgt Ion: 63 Resp: 85287
Ion Ratio Lower Upper
63 100
106 30.7 21.2 31.8





#59
2-Hexanone
Concen: 100.381 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

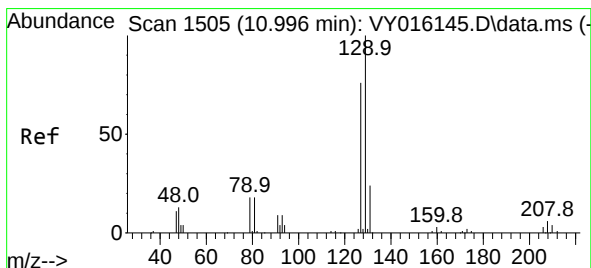
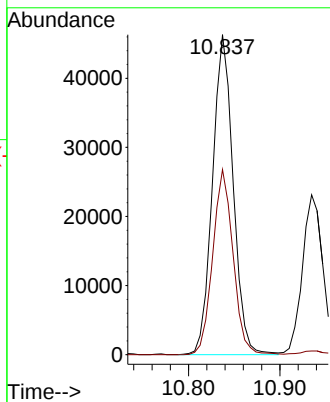
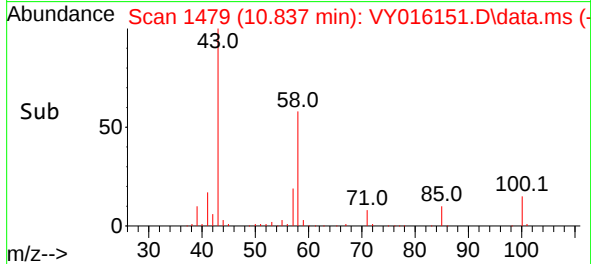
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01



Tgt Ion: 43 Resp: 72890
Ion Ratio Lower Upper
43 100
58 56.8 25.1 75.3

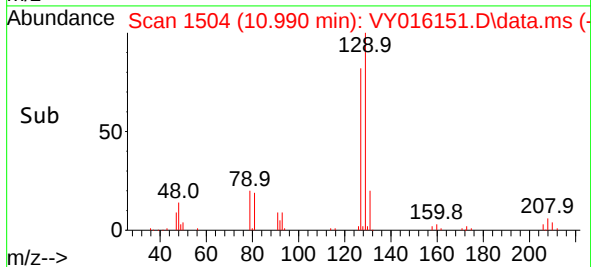
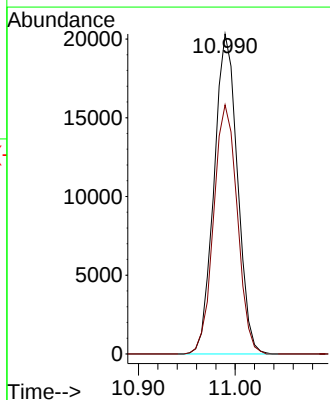
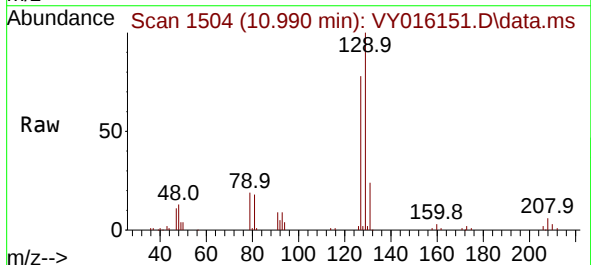
Manual Integrations
APPROVED

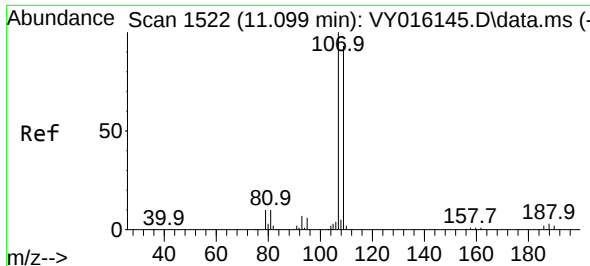
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#60
Dibromochloromethane
Concen: 20.422 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

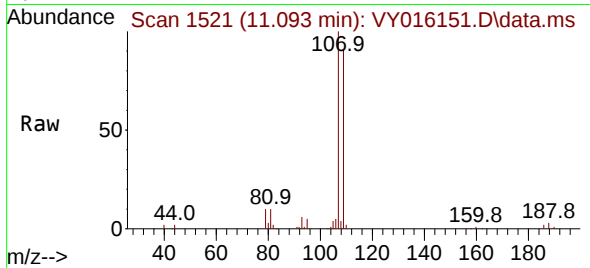
Tgt Ion:129 Resp: 34034
Ion Ratio Lower Upper
129 100
127 78.8 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.396 ug/l
RT: 11.093 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

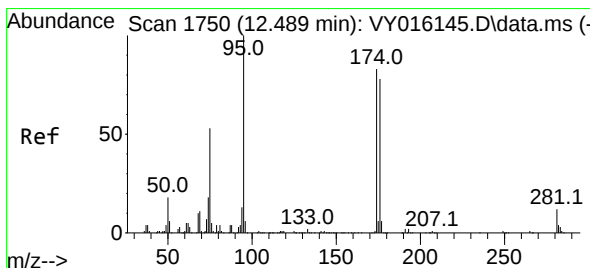
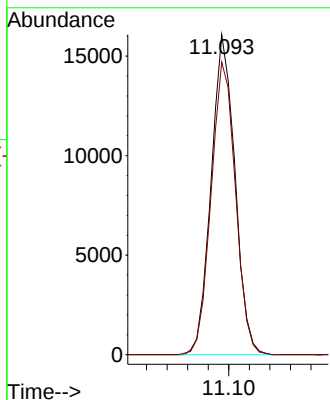
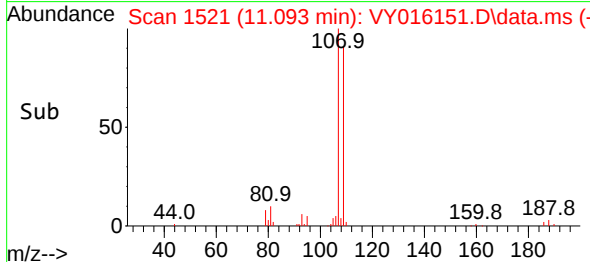
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01



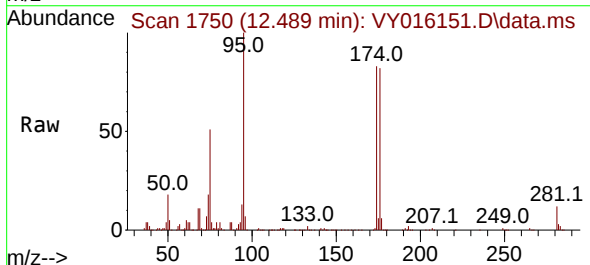
Tgt Ion:107 Resp: 2577
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4

Manual Integrations
APPROVED

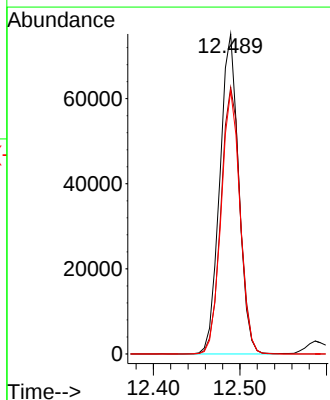
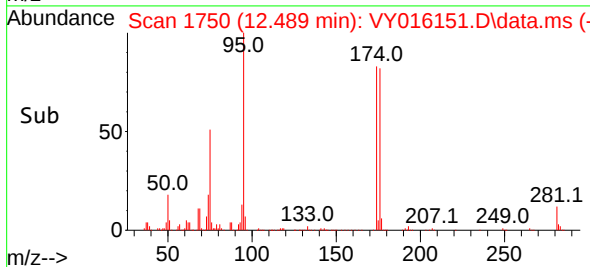
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

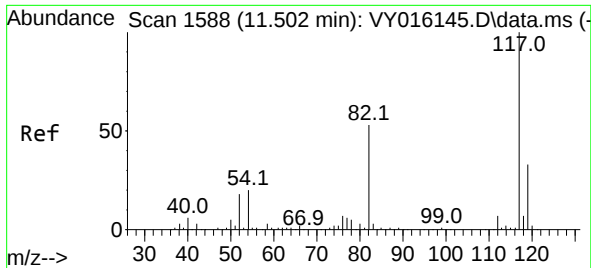


#62
4-Bromofluorobenzene
Concen: 50.392 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13



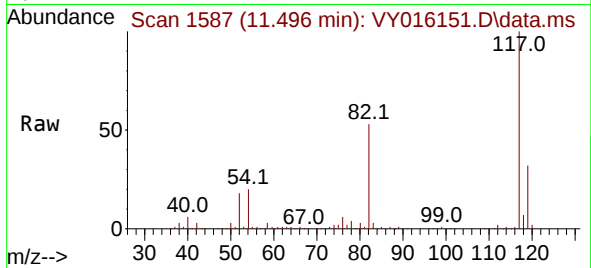
Tgt Ion: 95 Resp: 114045
Ion Ratio Lower Upper
95 100
174 85.0 0.0 178.2
176 82.0 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

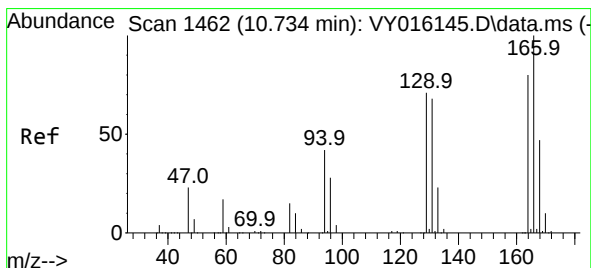
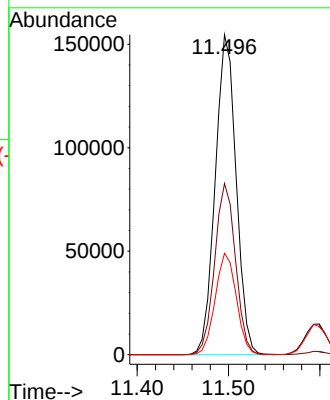
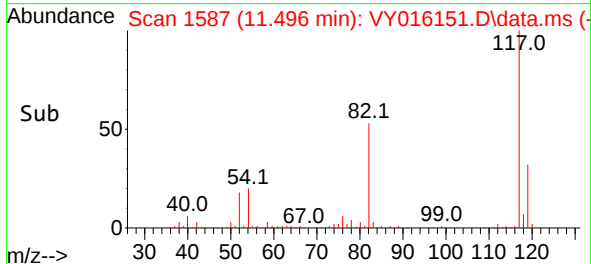
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01



Tgt Ion:117 Resp: 245900
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 31.7 26.3 39.5

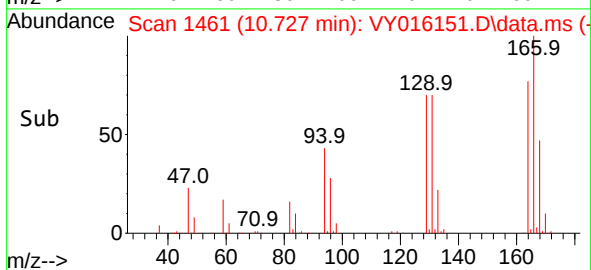
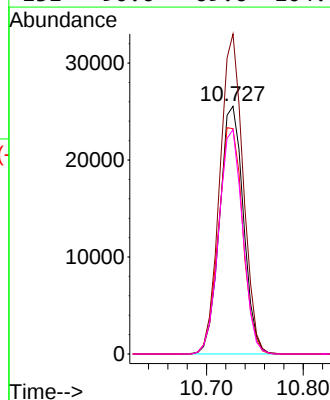
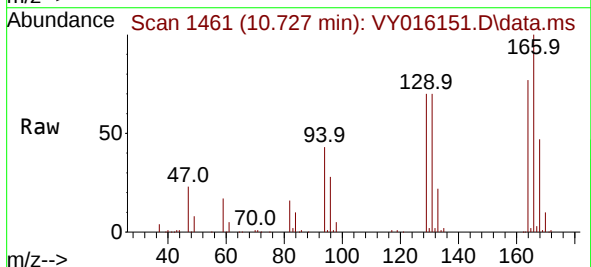
Manual Integrations
APPROVED

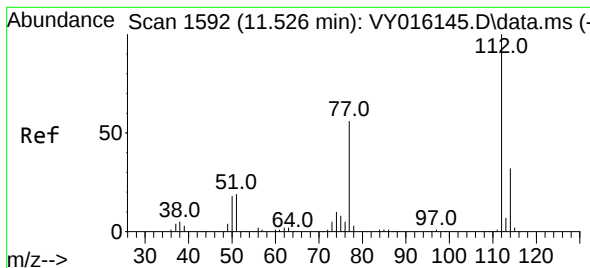
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#64
Tetrachloroethene
Concen: 19.916 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

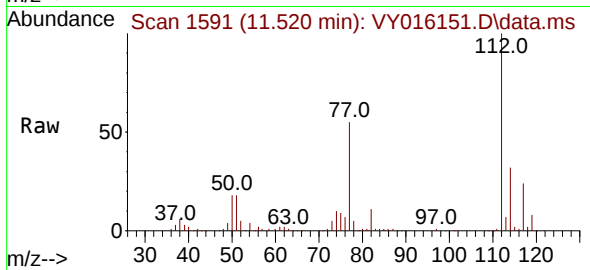
Tgt Ion:164 Resp: 43561
Ion Ratio Lower Upper
164 100
166 129.2 103.0 154.6
129 91.0 77.2 115.8
131 90.6 69.6 104.4





#65
Chlorobenzene
Concen: 20.360 ug/l
RT: 11.520 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

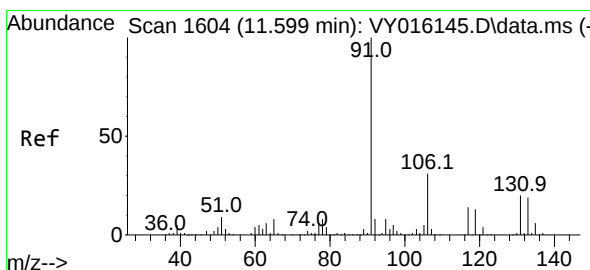
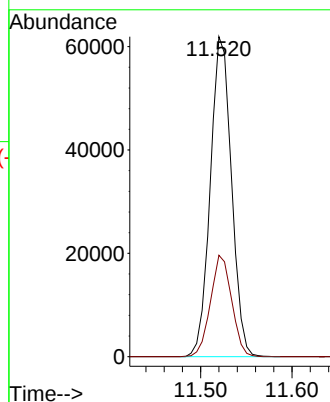
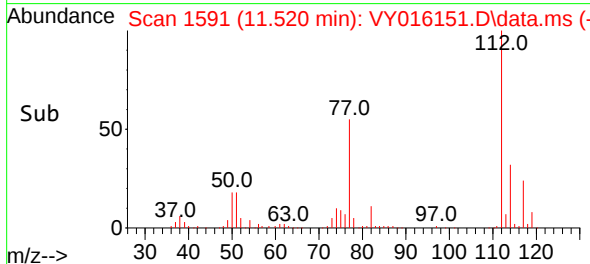
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01



Tgt Ion:112 Resp: 9946
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3

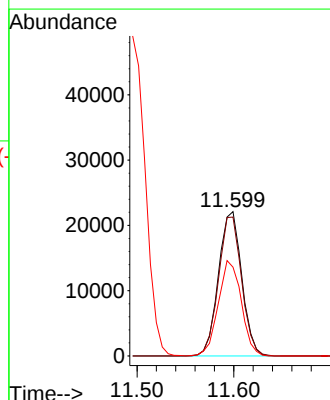
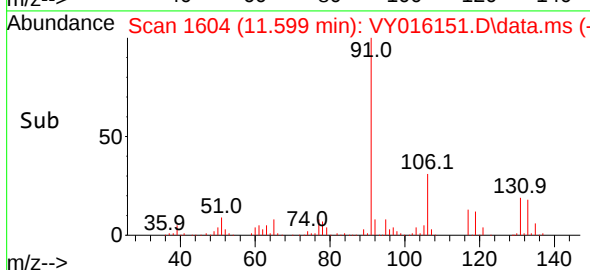
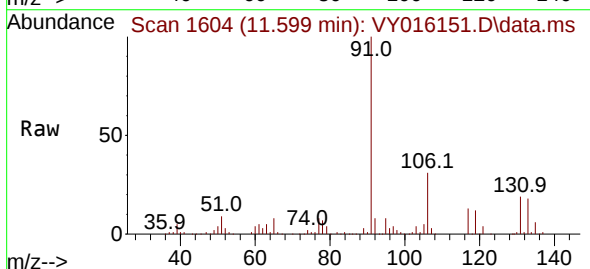
Manual Integrations
APPROVED

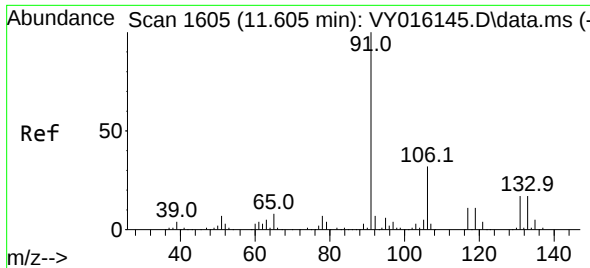
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.360 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Tgt Ion:131 Resp: 36841
Ion Ratio Lower Upper
131 100
133 96.3 47.5 142.6
119 65.3 31.6 94.7





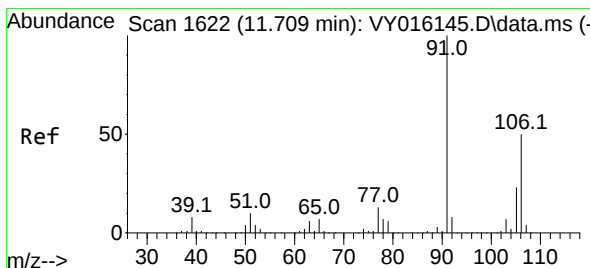
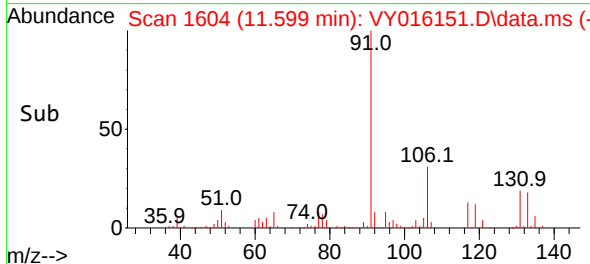
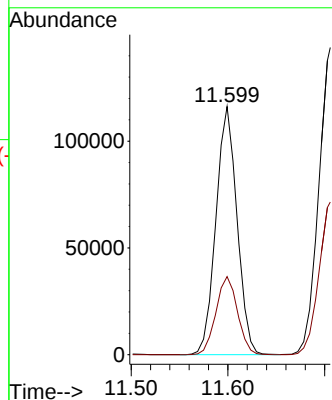
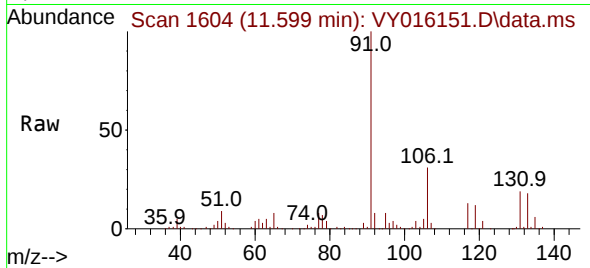
#67
Ethyl Benzene
Concen: 20.112 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

Tgt Ion: 91 Resp: 17574
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8

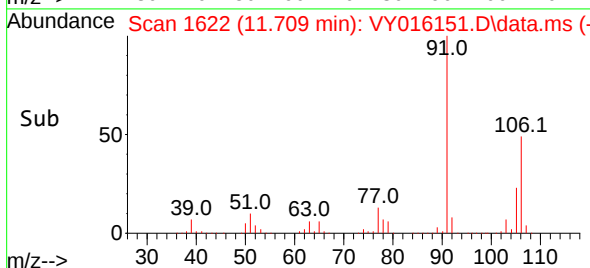
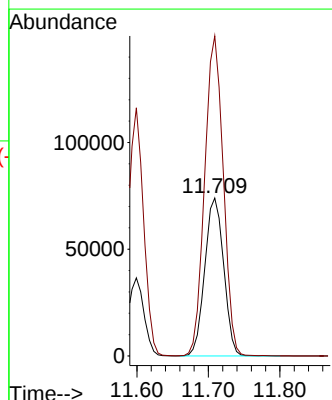
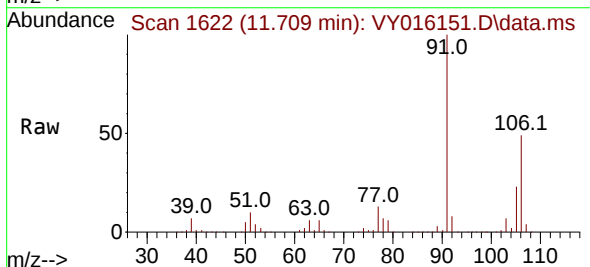
Manual Integrations
APPROVED

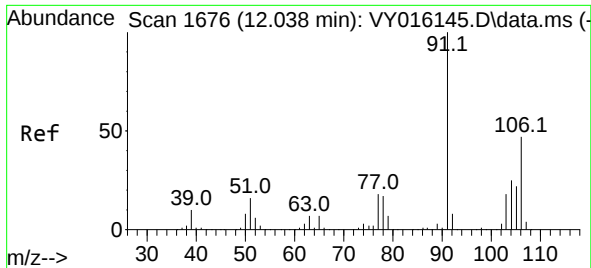
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#68
m/p-Xylenes
Concen: 40.237 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.000 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Tgt Ion:106 Resp: 135863
Ion Ratio Lower Upper
106 100
91 199.2 166.1 249.1





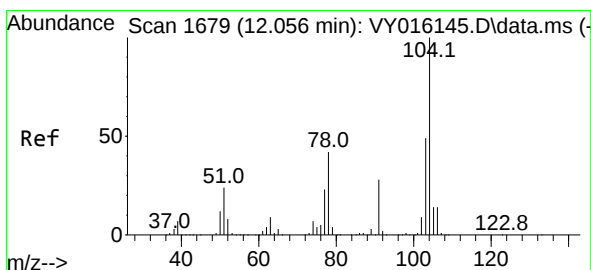
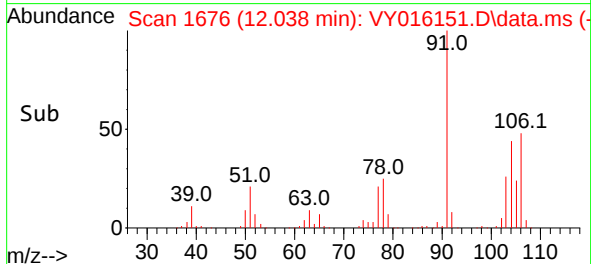
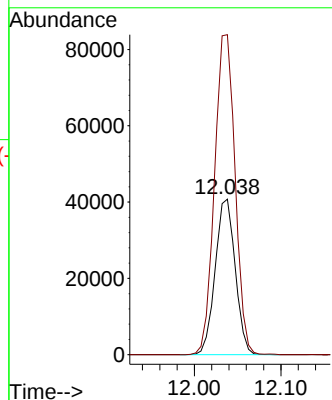
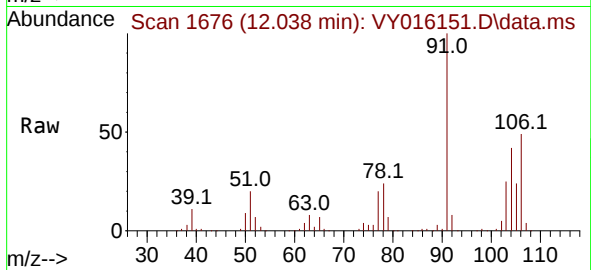
#69
o-Xylene
Concen: 20.318 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

Tgt Ion:106 Resp: 65504
Ion Ratio Lower Upper
106 100
91 211.1 108.1 324.3

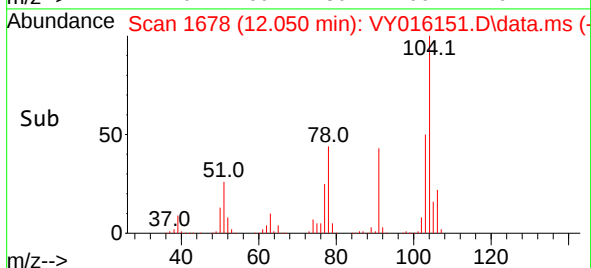
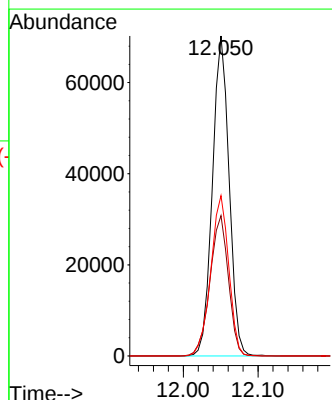
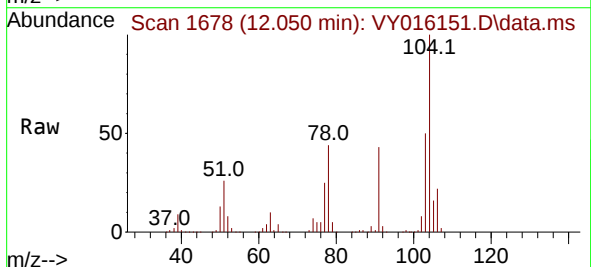
Manual Integrations
APPROVED

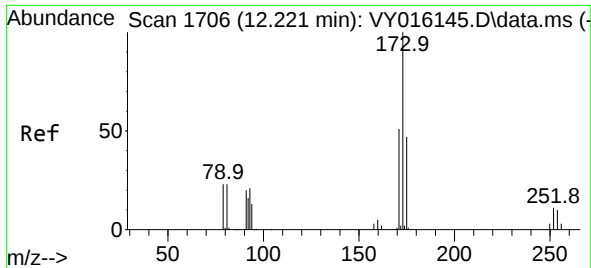
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#70
Styrene
Concen: 20.418 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

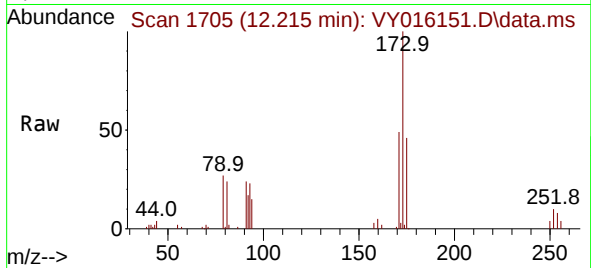
Tgt Ion:104 Resp: 109429
Ion Ratio Lower Upper
104 100
78 48.2 41.5 62.3
103 53.9 44.6 67.0





#71
Bromoform
Concen: 20.143 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

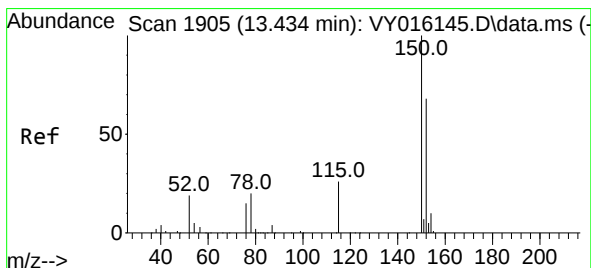
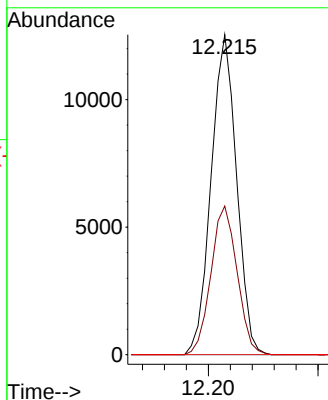
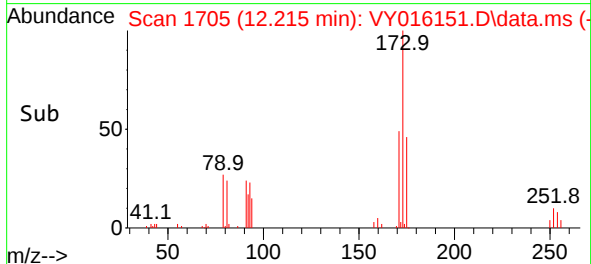
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01



Tgt Ion:173 Resp: 2022
Ion Ratio Lower Upper
173 100
175 47.8 24.6 73.8
254 0.0 0.2 0.2

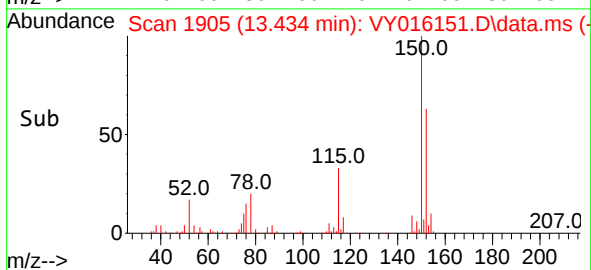
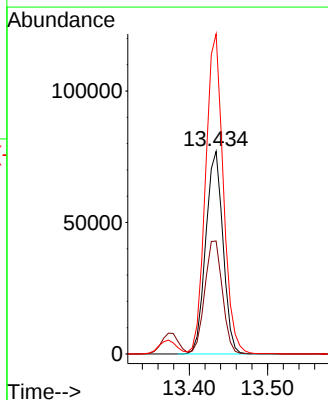
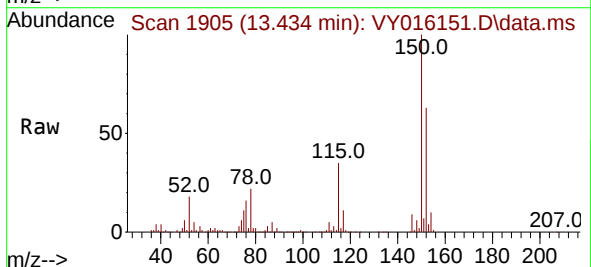
Manual Integrations
APPROVED

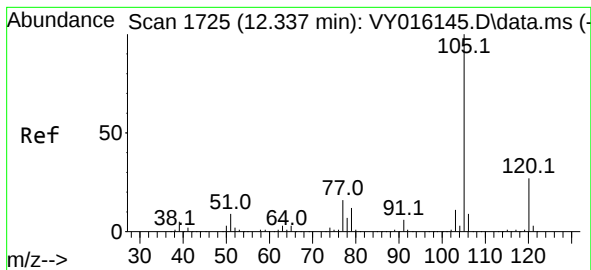
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Tgt Ion:152 Resp: 117462
Ion Ratio Lower Upper
152 100
115 57.3 28.8 86.5
150 162.7 0.0 348.8





#73

Isopropylbenzene

Concen: 19.907 ug/l

RT: 12.337 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016151.D

Acq: 31 Oct 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBS01

Tgt Ion:105 Resp: 17540

Ion Ratio Lower Upper

105 100

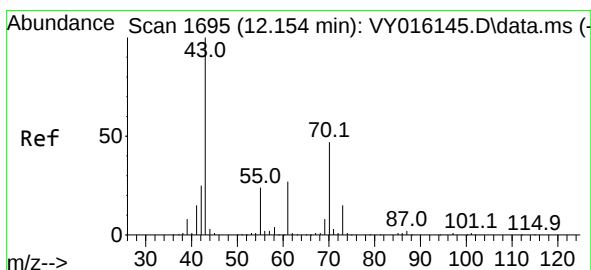
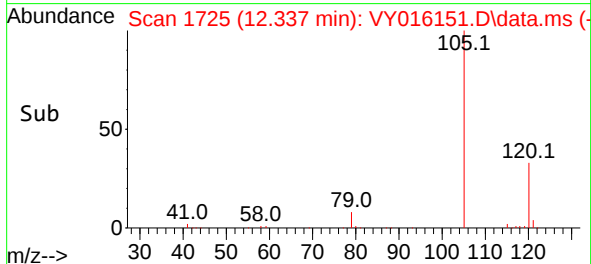
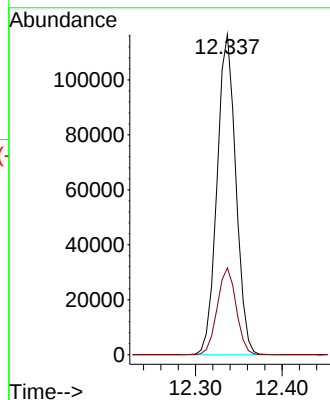
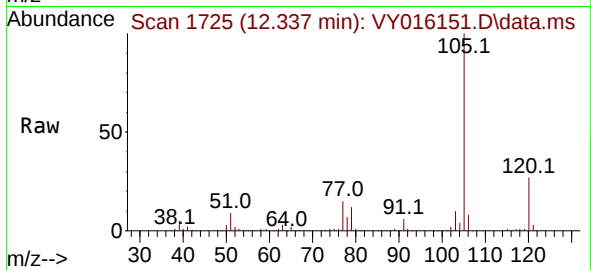
120 27.2 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#74

N-ethyl acetate

Concen: 19.895 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY016151.D

Acq: 31 Oct 2023 17:13

Tgt Ion: 43 Resp: 38094

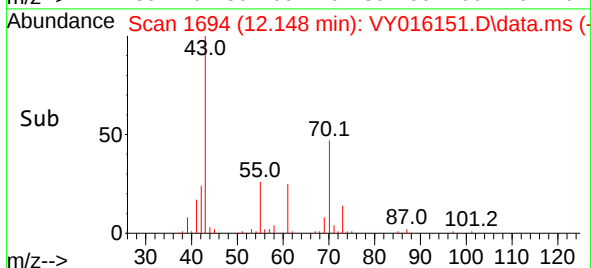
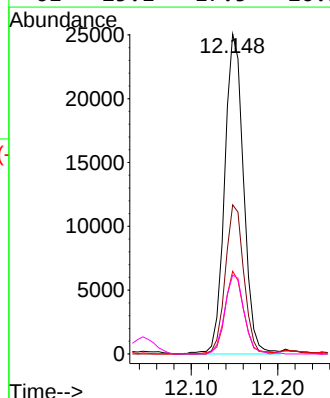
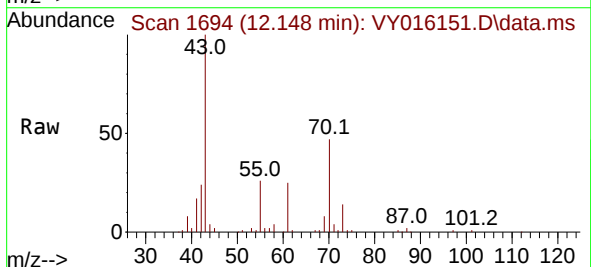
Ion Ratio Lower Upper

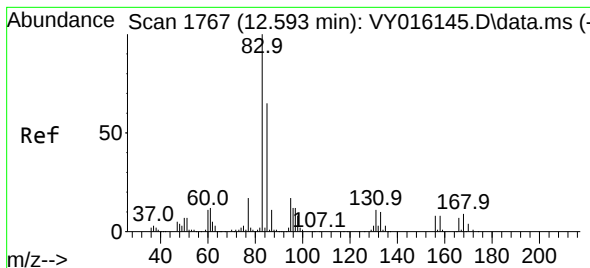
43 100

70 45.5 29.7 44.5

55 25.3 18.3 27.5

61 25.1 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.236 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY016151.D

Acq: 31 Oct 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBS01

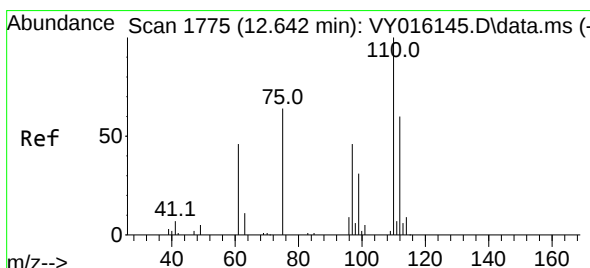
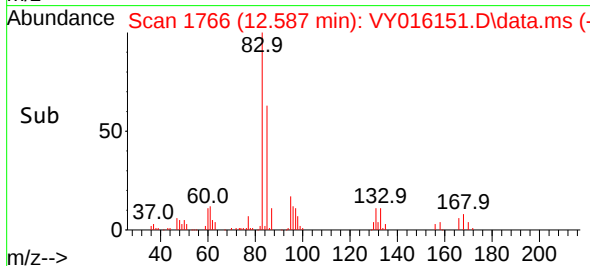
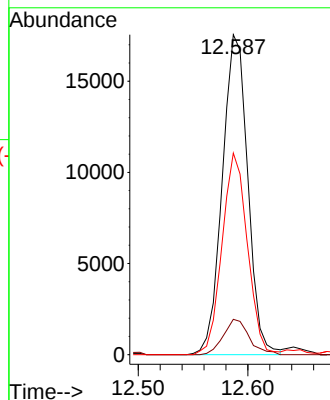
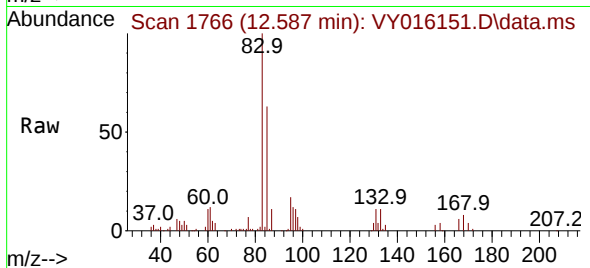
Tgt Ion:	83	Resp:	2837
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.4	16.2
85	62.6	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#76

1,2,3-Trichloropropane

Concen: 19.816 ug/l m

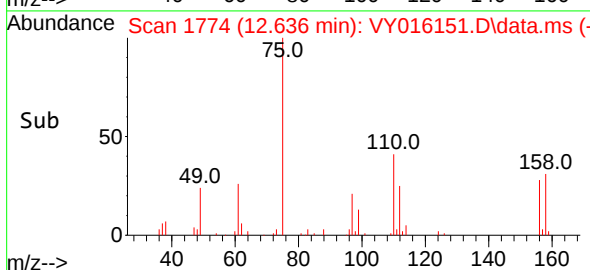
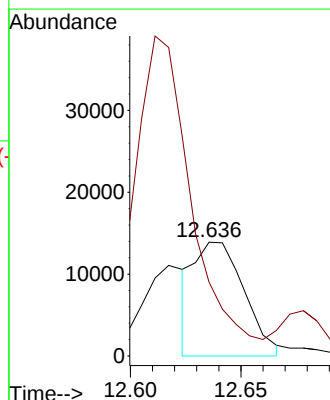
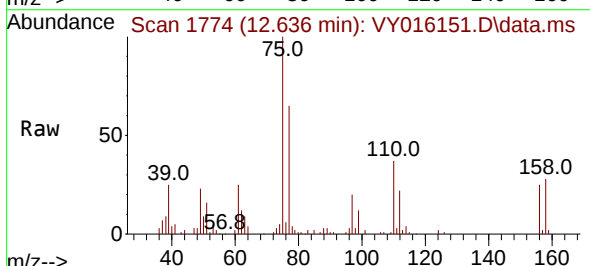
RT: 12.636 min Scan# 1774

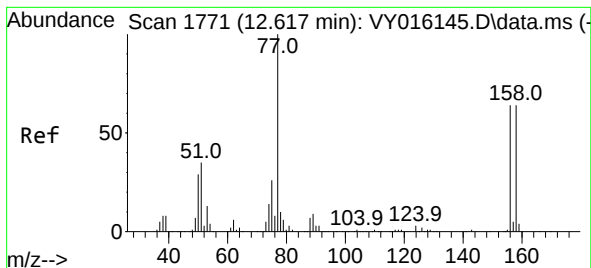
Delta R.T. -0.006 min

Lab File: VY016151.D

Acq: 31 Oct 2023 17:13

Tgt Ion:	75	Resp:	21919
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.991 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016151.D

Acq: 31 Oct 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBS01

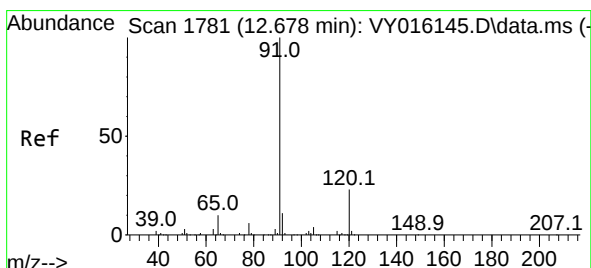
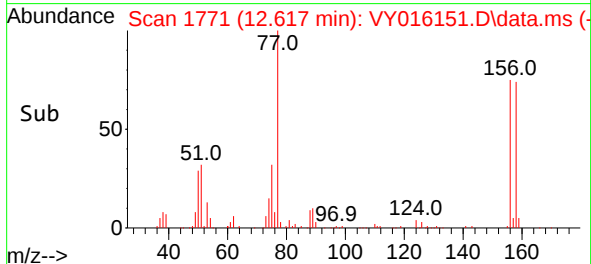
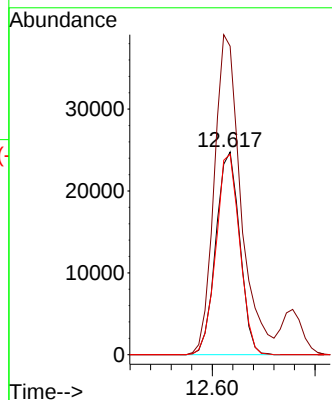
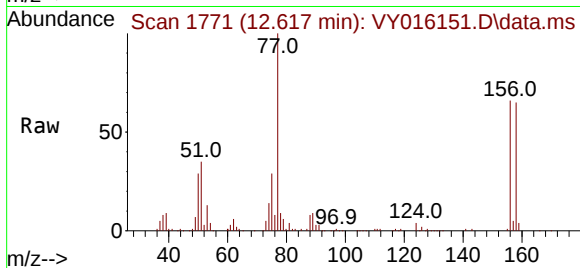
Tgt Ion:	156	Resp:	39884
Ion Ratio	Lower	Upper	
156	100		
77	176.4	92.8	278.6
158	98.2	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#78

n-propylbenzene

Concen: 20.055 ug/l

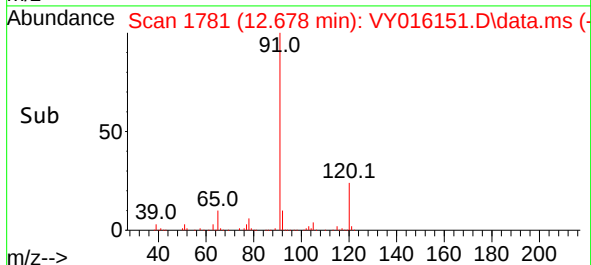
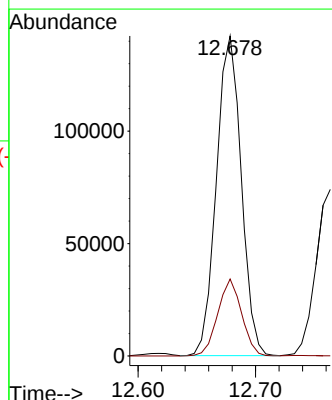
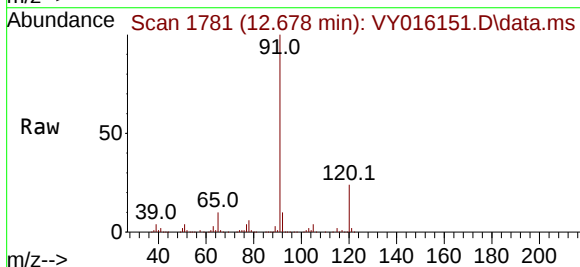
RT: 12.678 min Scan# 1781

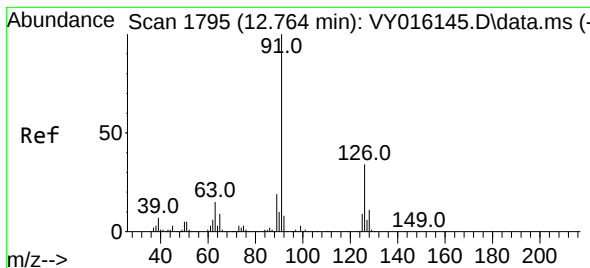
Delta R.T. -0.000 min

Lab File: VY016151.D

Acq: 31 Oct 2023 17:13

Tgt Ion:	91	Resp:	208919
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.4





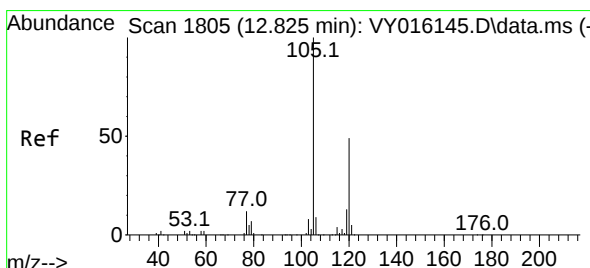
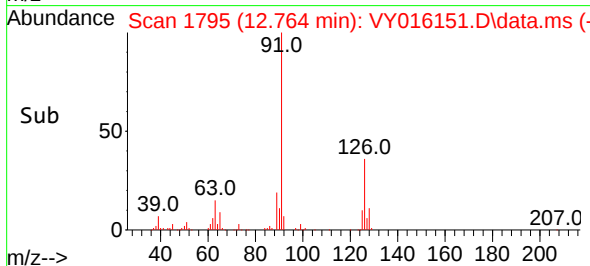
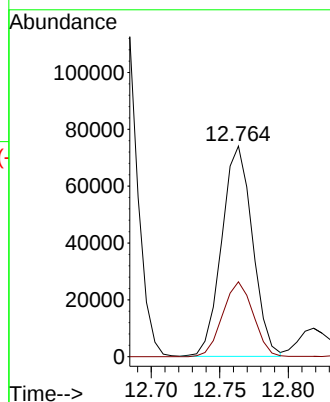
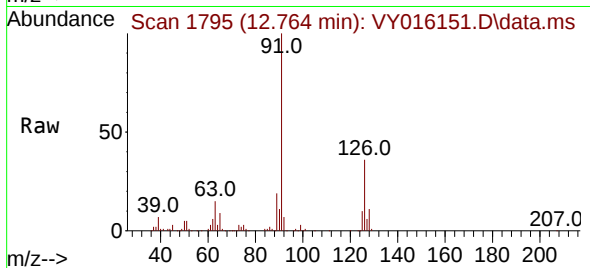
#79
2-Chlorotoluene
Concen: 19.946 ug/l
RT: 12.764 min Scan# 11588
Delta R.T. -0.000 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

Tgt Ion: 91 Resp: 11588
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.7

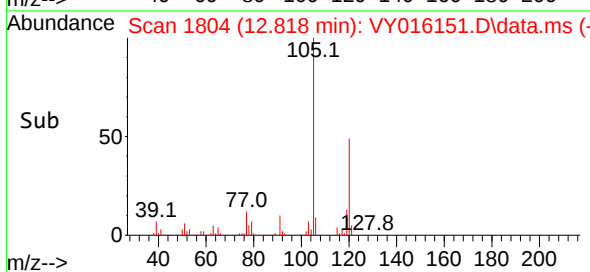
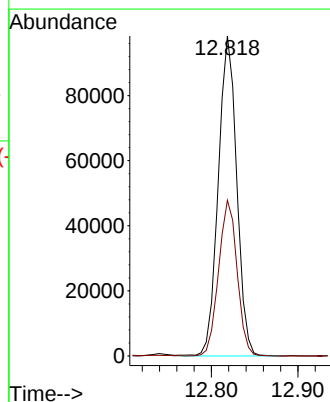
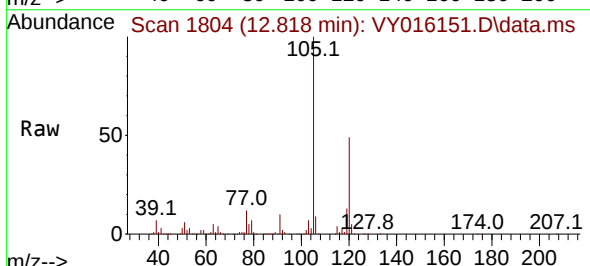
Manual Integrations
APPROVED

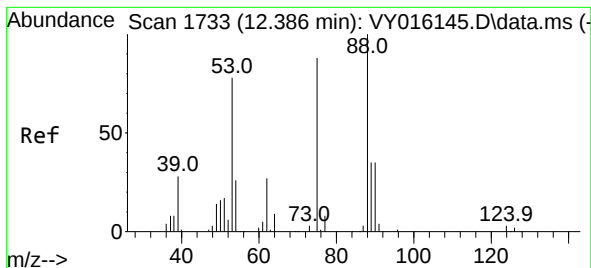
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.366 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Tgt Ion:105 Resp: 145384
Ion Ratio Lower Upper
105 100
120 48.8 23.9 71.7





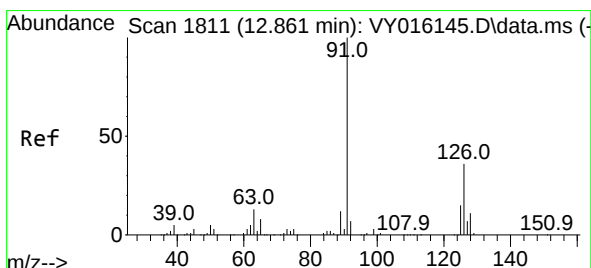
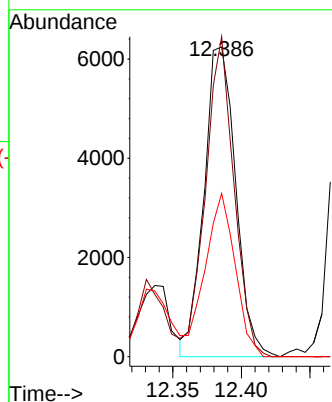
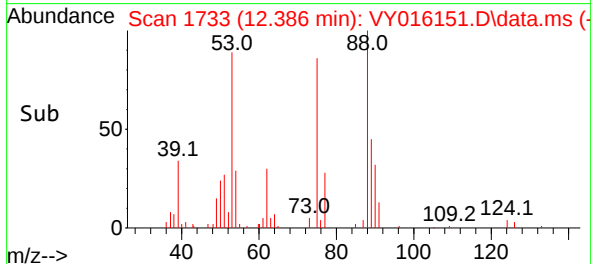
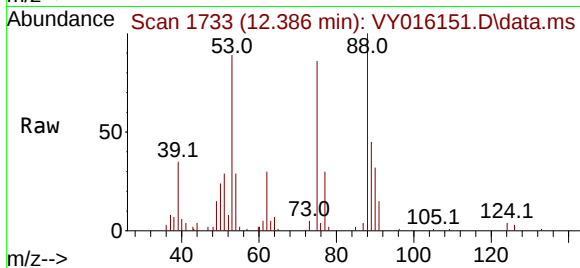
#81
trans-1,4-Dichloro-2-butene
Concen: 19.688 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

Tgt Ion: 75 Resp: 1004
Ion Ratio Lower Upper
75 100
53 92.3 77.8 116.8
89 50.4 37.4 56.0

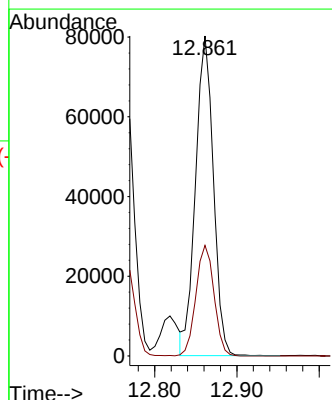
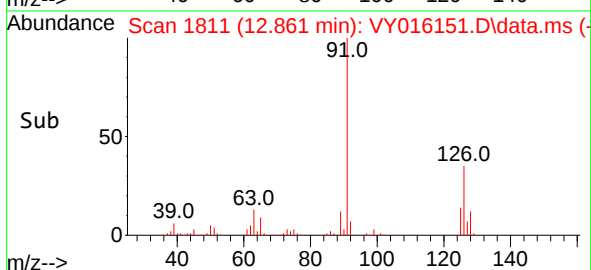
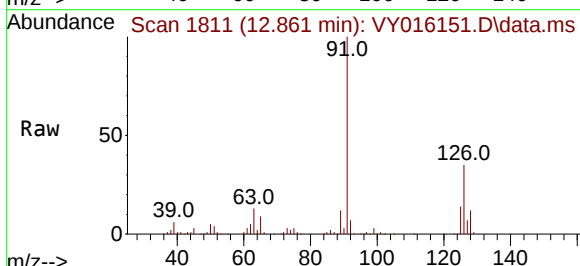
Manual Integrations
APPROVED

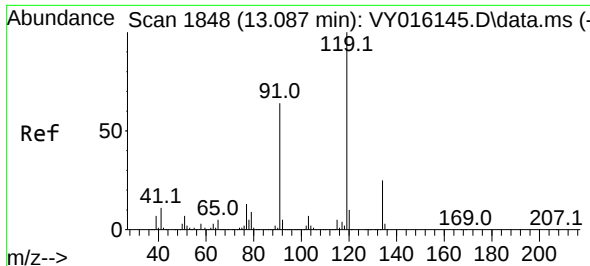
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#82
4-Chlorotoluene
Concen: 20.238 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

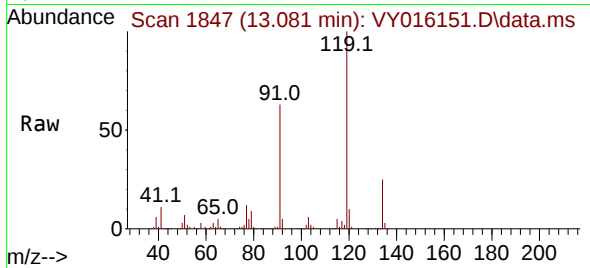
Tgt Ion: 91 Resp: 120745
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.6





#83
tert-Butylbenzene
Concen: 20.169 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

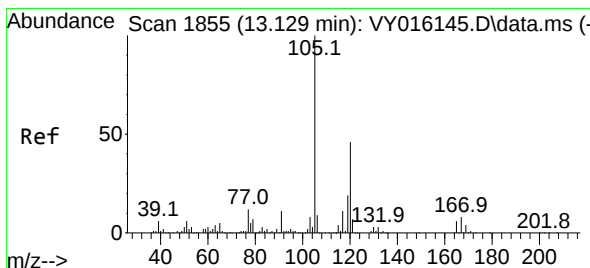
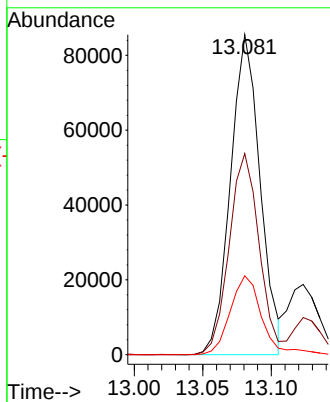
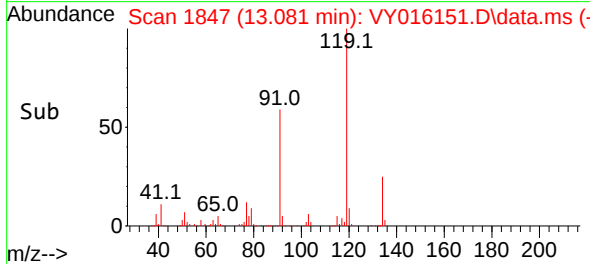
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01



Tgt Ion:119 Resp: 128824
Ion Ratio Lower Upper
119 100
91 63.2 32.9 98.6
134 26.3 13.0 38.9

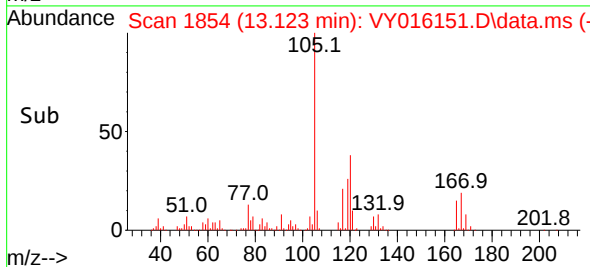
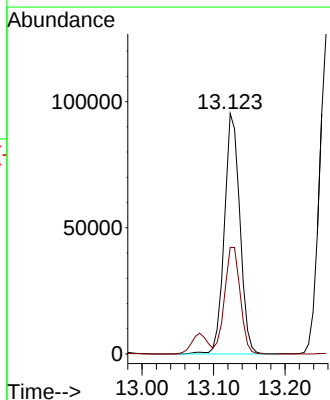
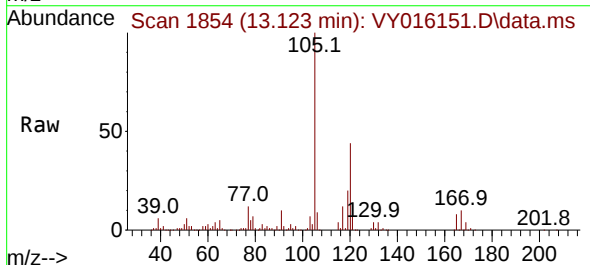
Manual Integrations
APPROVED

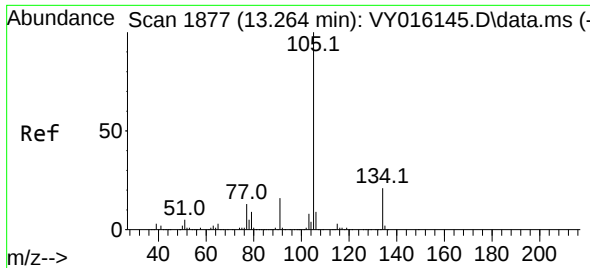
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.349 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Tgt Ion:105 Resp: 143736
Ion Ratio Lower Upper
105 100
120 44.6 22.2 66.6





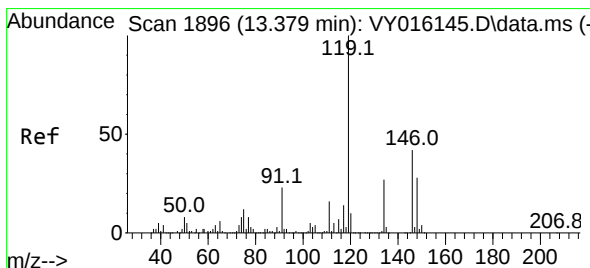
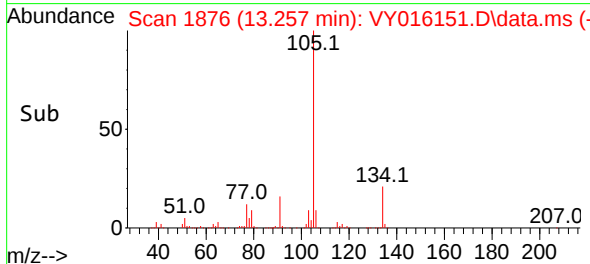
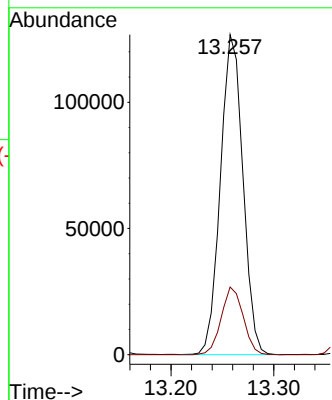
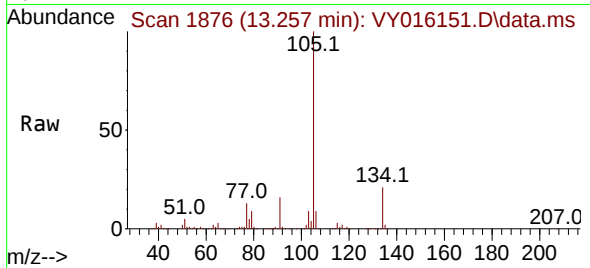
#85
 sec-Butylbenzene
 Concen: 20.533 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VY016151.D
 Acq: 31 Oct 2023 17:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1031SBS01

Tgt Ion:105 Resp: 192490
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6

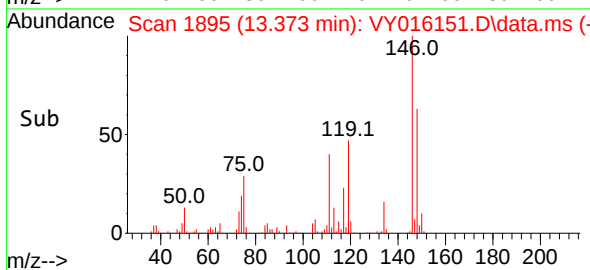
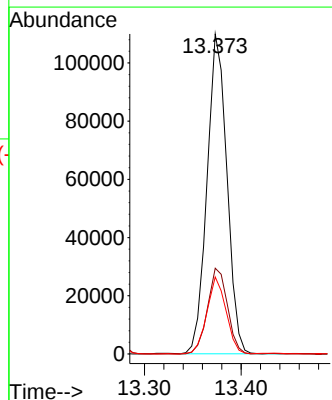
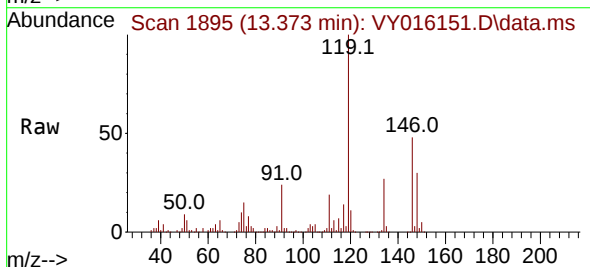
Manual Integrations
 APPROVED

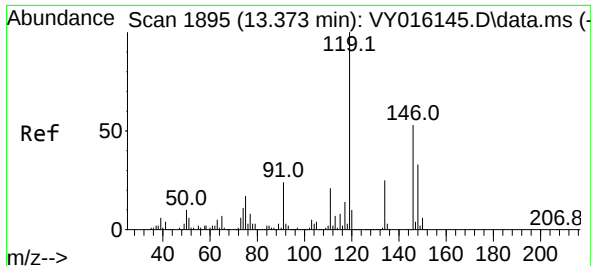
Reviewed By :John Carlone 11/01/2023
 Supervised By :Mahesh Dadoda 11/01/2023



#86
 p-Isopropyltoluene
 Concen: 20.232 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.006 min
 Lab File: VY016151.D
 Acq: 31 Oct 2023 17:13

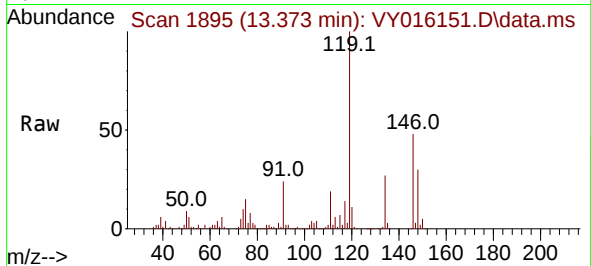
Tgt Ion:119 Resp: 157199
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 23.2 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 20.037 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

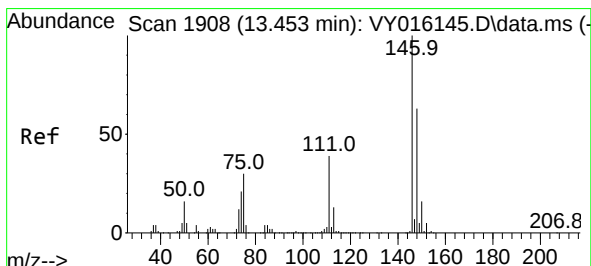
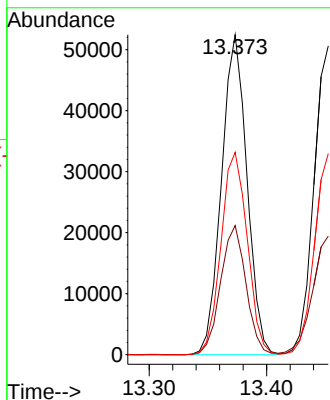
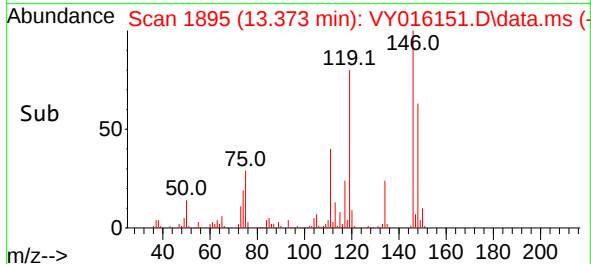
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01



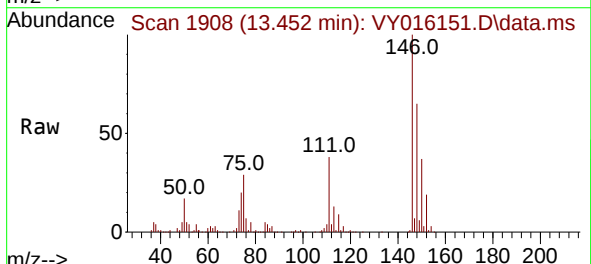
Tgt Ion:146 Resp: 7906
Ion Ratio Lower Upper
146 100
111 40.3 19.4 58.2
148 65.2 31.9 95.5

Manual Integrations
APPROVED

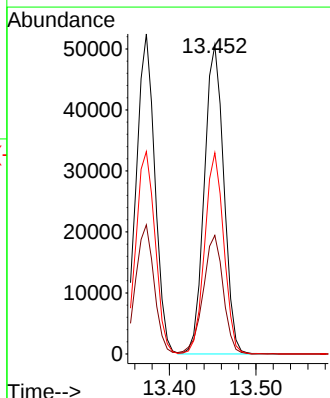
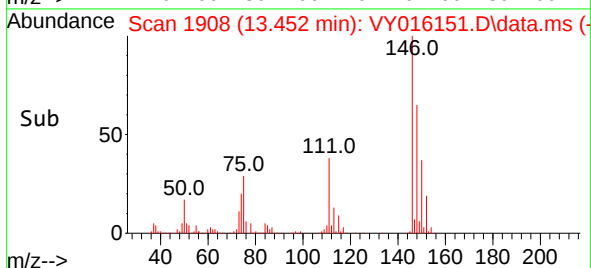
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

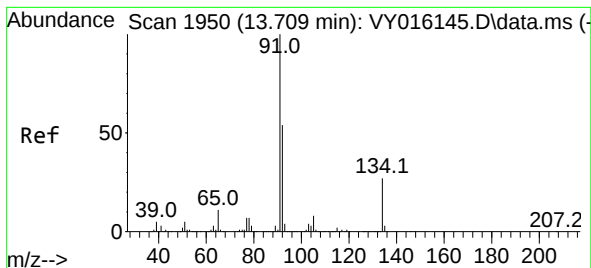


#88
1,4-Dichlorobenzene
Concen: 20.285 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13



Tgt Ion:146 Resp: 79109
Ion Ratio Lower Upper
146 100
111 39.4 18.9 56.7
148 63.8 32.1 96.5





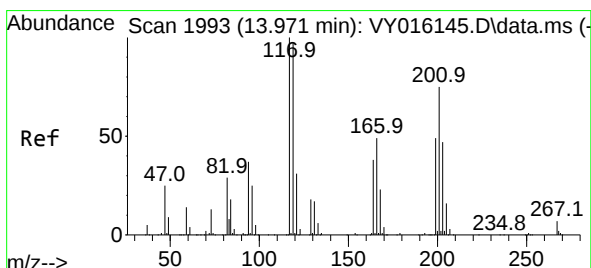
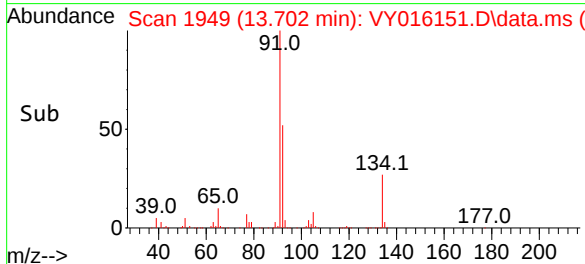
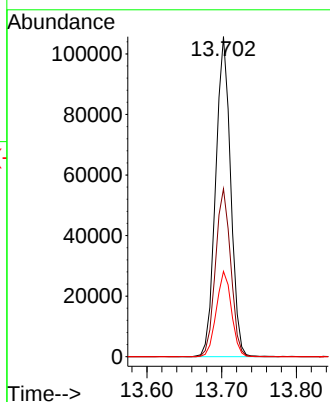
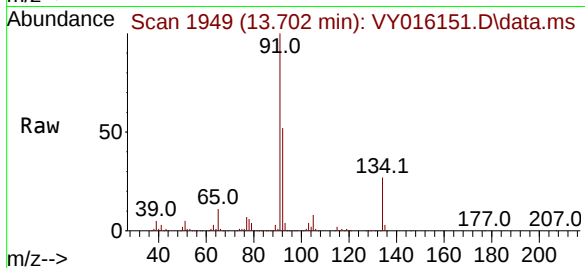
#89
n-Butylbenzene
Concen: 20.605 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

Tgt Ion: 91 Resp: 14710
Ion Ratio Lower Upper
91 100
92 53.3 25.4 76.0
134 26.9 12.6 37.6

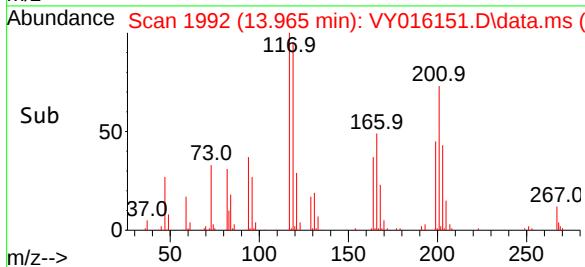
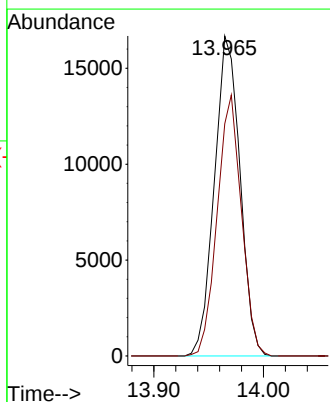
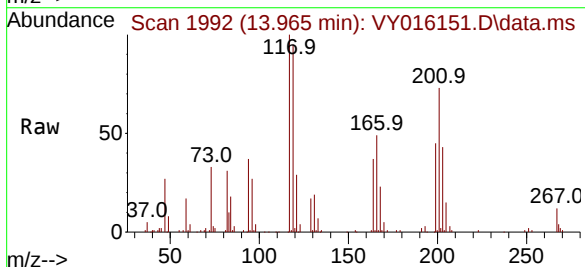
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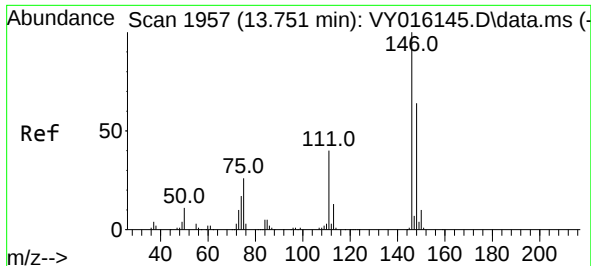
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#90
Hexachloroethane
Concen: 20.231 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Tgt Ion:117 Resp: 27088
Ion Ratio Lower Upper
117 100
201 77.3 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.626 ug/l

RT: 13.745 min Scan# 1957

Delta R.T. -0.006 min

Lab File: VY016151.D

Acq: 31 Oct 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBS01

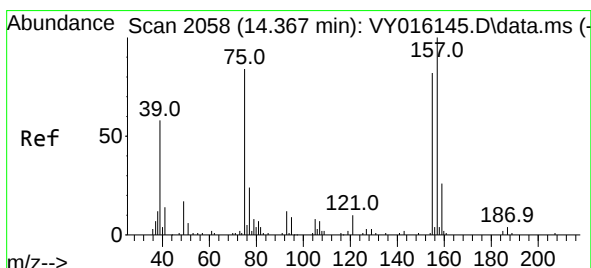
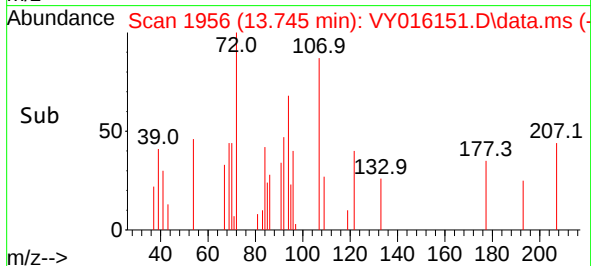
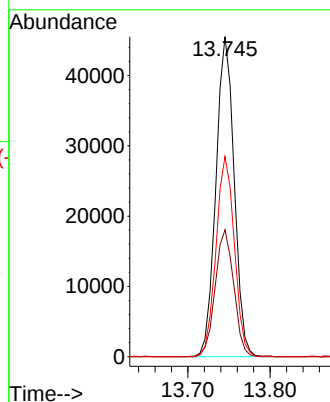
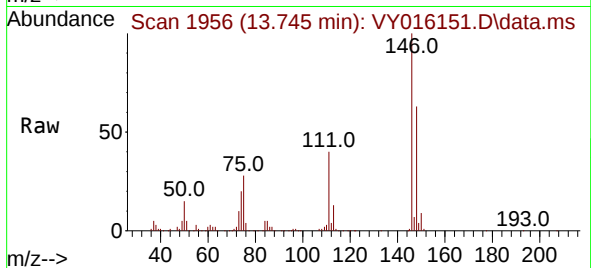
Tgt Ion:	146	Resp:	70318
Ion Ratio	Lower	Upper	
146	100		
111	40.3	19.7	59.0
148	62.8	32.0	96.2

Manual Integrations

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Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.640 ug/l

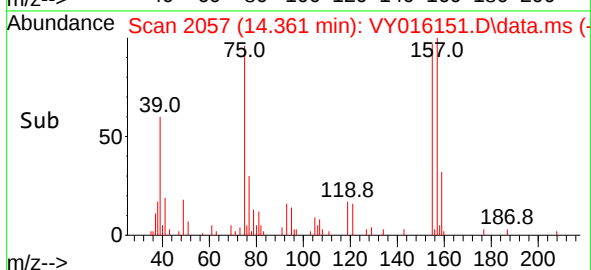
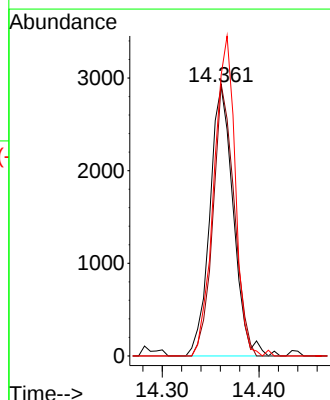
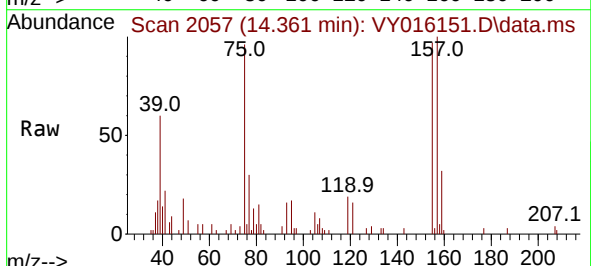
RT: 14.361 min Scan# 2057

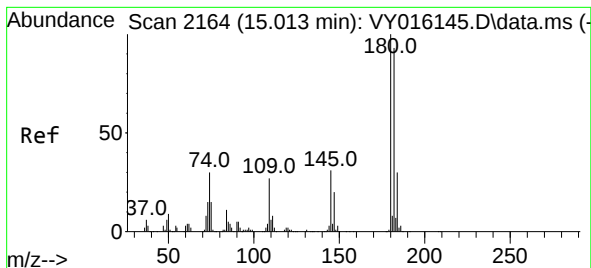
Delta R.T. -0.006 min

Lab File: VY016151.D

Acq: 31 Oct 2023 17:13

Tgt Ion:	75	Resp:	4928
Ion Ratio	Lower	Upper	
75	100		
155	90.4	41.5	124.6
157	106.7	51.8	155.5





#93

1,2,4-Trichlorobenzene

Concen: 21.348 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY016151.D

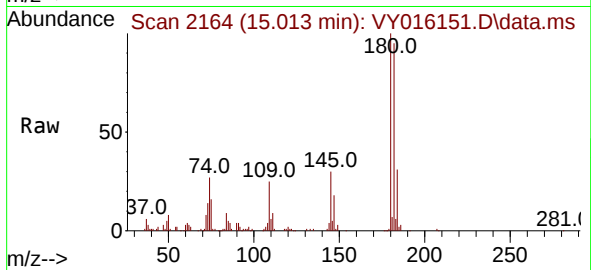
Acq: 31 Oct 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBS01



Tgt Ion:180 Resp: 4492

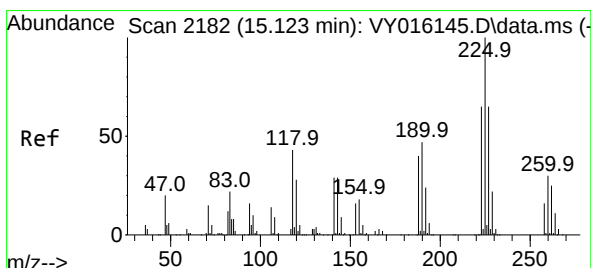
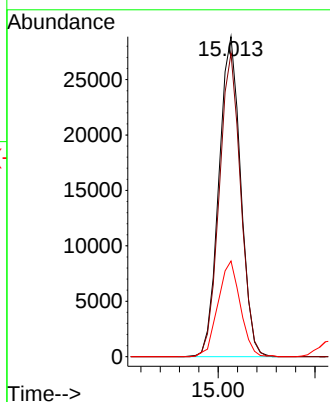
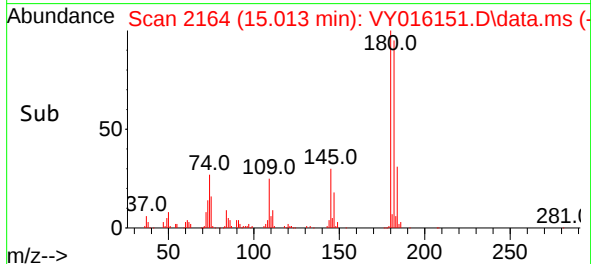
Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.0	141.2
145	30.8	14.5	43.5

Manual Integrations

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Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#94

Hexachlorobutadiene

Concen: 21.567 ug/l

RT: 15.117 min Scan# 2181

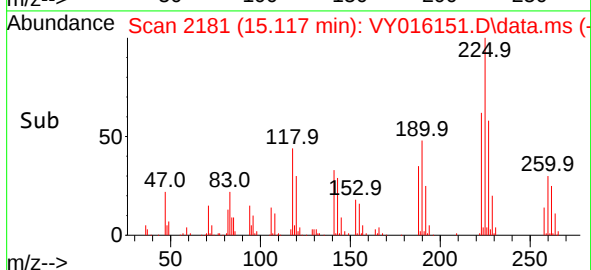
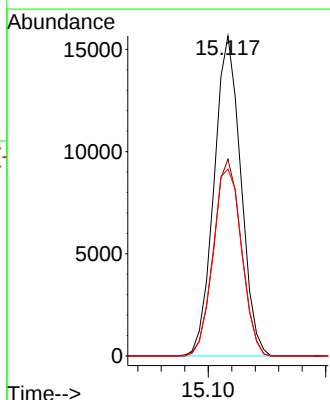
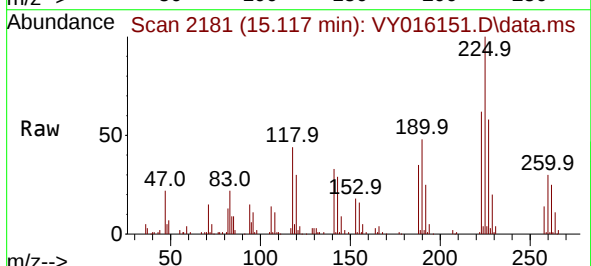
Delta R.T. -0.006 min

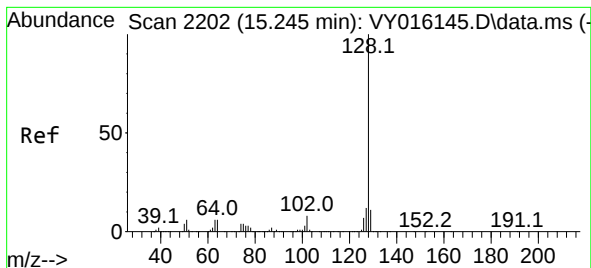
Lab File: VY016151.D

Acq: 31 Oct 2023 17:13

Tgt Ion:225 Resp: 24799

Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.9	95.9
227	62.7	33.0	98.9





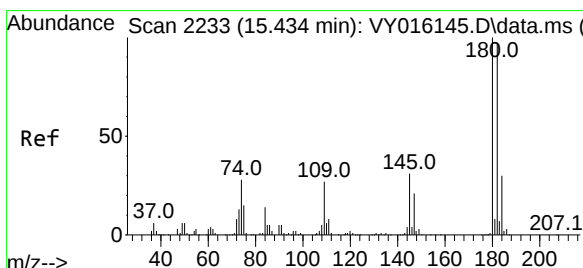
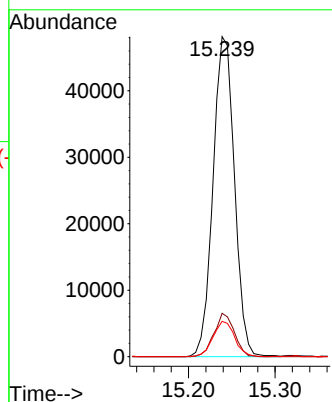
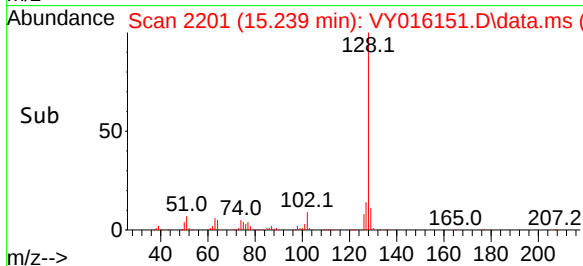
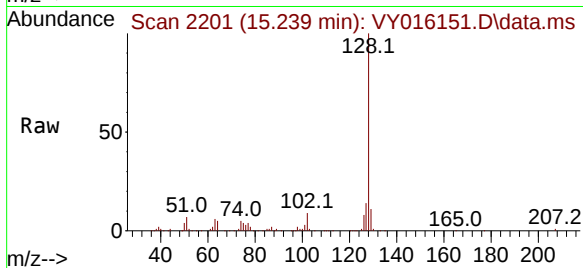
#95
Naphthalene
Concen: 20.239 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

Tgt Ion:128 Resp: 82730
Ion Ratio Lower Upper
128 100
127 12.8 10.8 16.2
129 11.2 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#96
1,2,3-Trichlorobenzene
Concen: 21.064 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY016151.D
Acq: 31 Oct 2023 17:13

Tgt Ion:180 Resp: 37862
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.8
145 32.4 15.4 46.2

