

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016205.D
 Acq On : 03 Nov 2023 10:44
 Operator : SY/MD
 Sample : VY1103SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/06/2023
 Supervised By : Mahesh Dadoda 11/06/2023

Quant Time: Nov 03 22:59:50 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

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	163319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	261264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	228290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	107691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82950	54.278	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.560%			
35) Dibromofluoromethane	7.722	113	79998	51.360	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.720%			
50) Toluene-d8	10.185	98	328476	53.190	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.380%			
62) 4-Bromofluorobenzene	12.489	95	109885	52.037	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.080%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	20208	19.397	ug/l	99
3) Chloromethane	2.119	50	27022	18.734	ug/l	99
4) Vinyl Chloride	2.253	62	29710	19.957	ug/l	94
5) Bromomethane	2.650	94	19848	19.755	ug/l	97
6) Chloroethane	2.796	64	20590	19.645	ug/l	95
7) Trichlorofluoromethane	3.131	101	49114	21.853	ug/l	97
8) Diethyl Ether	3.534	74	16238	21.799	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.905	101	30638	21.639	ug/l	95
10) Methyl Iodide	4.101	142	31085	19.744	ug/l	99
11) Tert butyl alcohol	4.960	59	13364	117.042	ug/l #	81
12) 1,1-Dichloroethene	3.881	96	26900	20.815	ug/l	88
13) Acrolein	3.735	56	12773	117.290	ug/l	99
14) Allyl chloride	4.485	41	42164	22.810	ug/l	95
15) Acrylonitrile	5.167	53	36929	116.017	ug/l	96
16) Acetone	3.954	43	27045	99.366	ug/l	93
17) Carbon Disulfide	4.204	76	60478	18.745	ug/l	99
18) Methyl Acetate	4.485	43	27996	22.779	ug/l	91
19) Methyl tert-butyl Ether	5.228	73	82226	22.369	ug/l	97
20) Methylene Chloride	4.722	84	36715	21.909	ug/l	90
21) trans-1,2-Dichloroethene	5.228	96	31526	20.943	ug/l	93
22) Diisopropyl ether	6.125	45	101450	22.691	ug/l	90
23) Vinyl Acetate	6.070	43	245409	111.796	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	59569	22.262	ug/l #	98
25) 2-Butanone	6.990	43	45277	107.387	ug/l	92
26) 2,2-Dichloropropane	6.984	77	55135	21.797	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	38235	21.583	ug/l	94
28) Bromochloromethane	7.338	49	21148	21.120	ug/l	90
29) Tetrahydrofuran	7.356	42	29980	113.433	ug/l	89
30) Chloroform	7.508	83	64275	22.063	ug/l	99
31) Cyclohexane	7.789	56	48226	20.528	ug/l	86
32) 1,1,1-Trichloroethane	7.710	97	57617	21.566	ug/l	98
36) 1,1-Dichloropropene	7.923	75	45545	20.250	ug/l	98
37) Ethyl Acetate	7.076	43	22579	22.539	ug/l	96
38) Carbon Tetrachloride	7.911	117	50223	22.539	ug/l	94
39) Methylcyclohexane	9.191	83	54477	20.292	ug/l	92
40) Benzene	8.167	78	135701	21.016	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	13085	22.503	ug/l #	84
42) 1,2-Dichloroethane	8.246	62	38927	21.603	ug/l	93
43) Isopropyl Acetate	8.277	43	44870	22.644	ug/l	94
44) Trichloroethene	8.947	130	39270	20.782	ug/l	96
45) 1,2-Dichloropropane	9.222	63	34178	22.003	ug/l	94
46) Dibromomethane	9.313	93	19047	21.616	ug/l	97
47) Bromodichloromethane	9.502	83	49538	22.127	ug/l	99
48) Methyl methacrylate	9.295	41	19779	21.951	ug/l	90
49) 1,4-Dioxane	9.307	88	3983	298.531	ug/l #	49
51) 4-Methyl-2-Pentanone	10.075	43	113259	114.551	ug/l	93
52) Toluene	10.252	92	89041	21.281	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	49343	22.078	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	56440	21.521	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	27305	22.030	ug/l	96
56) Ethyl methacrylate	10.514	69	34983	21.733	ug/l #	86
57) 1,3-Dichloropropane	10.794	76	46244	21.916	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	86460	110.768	ug/l	94
59) 2-Hexanone	10.837	43	77918	115.003	ug/l	89
60) Dibromochloromethane	10.990	129	33822	21.751	ug/l	97
61) 1,2-Dibromoethane	11.093	107	25790	21.875	ug/l	98
64) Tetrachloroethene	10.727	164	39204	19.306	ug/l	95
65) Chlorobenzene	11.520	112	95767	21.115	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	36725	21.861	ug/l	98
67) Ethyl Benzene	11.599	91	171370	21.124	ug/l	98
68) m/p-Xylenes	11.709	106	131648	41.996	ug/l	94
69) o-Xylene	12.038	106	63232	21.126	ug/l	95
70) Styrene	12.050	104	102776	20.656	ug/l	97
71) Bromoform	12.215	173	20199	21.674	ug/l #	100
73) Isopropylbenzene	12.337	105	166886	20.659	ug/l	99
74) N-amyl acetate	12.148	43	37524	21.376	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.587	83	28929	22.505	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	22374m	22.062	ug/l	
77) Bromobenzene	12.617	156	39072	21.361	ug/l	95
78) n-propylbenzene	12.678	91	200475	20.991	ug/l	99
79) 2-Chlorotoluene	12.764	91	112558	21.131	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	136709	20.889	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	9735	20.814	ug/l	94
82) 4-Chlorotoluene	12.861	91	115966	21.201	ug/l	99
83) tert-Butylbenzene	13.081	119	123995	21.174	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	135507	20.925	ug/l	99
85) sec-Butylbenzene	13.257	105	181255	21.089	ug/l	99
86) p-Isopropyltoluene	13.373	119	151200	21.226	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	76367	21.110	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	75876	21.221	ug/l	99
89) n-Butylbenzene	13.703	91	138989	21.235	ug/l	96
90) Hexachloroethane	13.965	117	27535	22.431	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	66988	21.432	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4882	21.222	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	40391	20.937	ug/l	99
94) Hexachlorobutadiene	15.117	225	23041	21.856	ug/l	98
95) Naphthalene	15.239	128	74691	19.929	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	34362	20.851	ug/l	99

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QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration

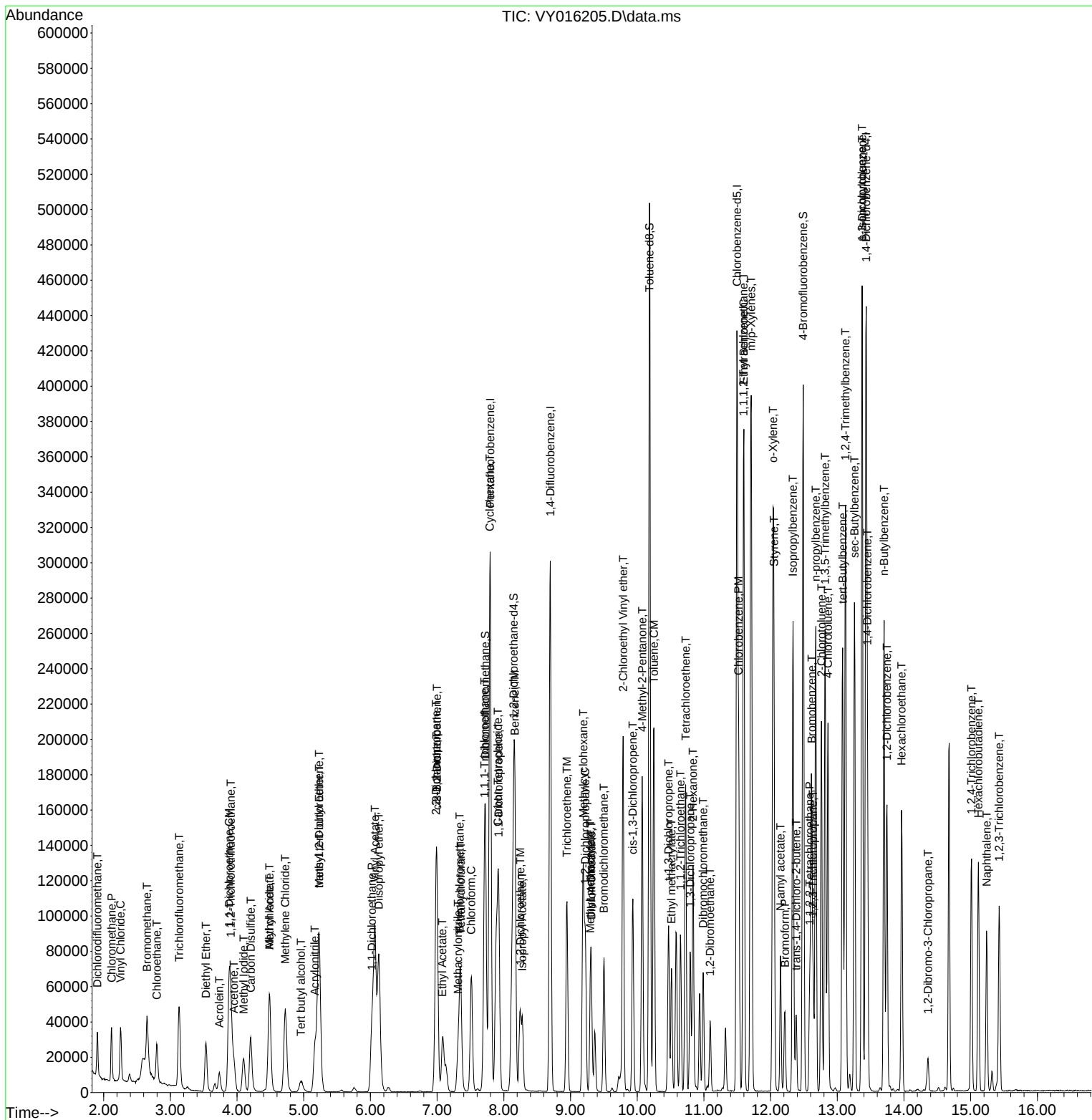
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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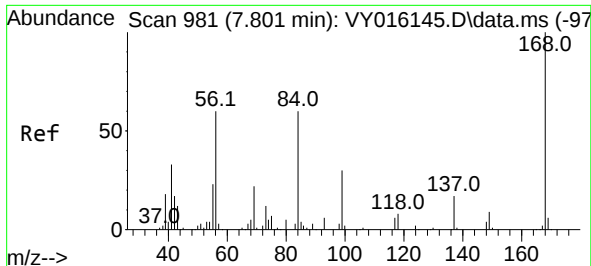
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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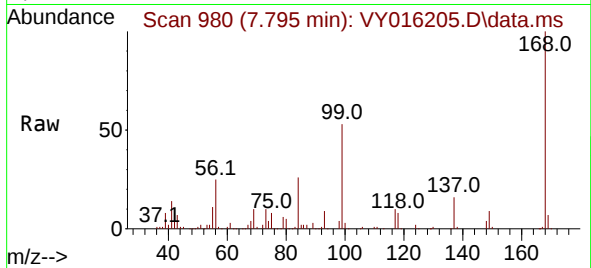
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

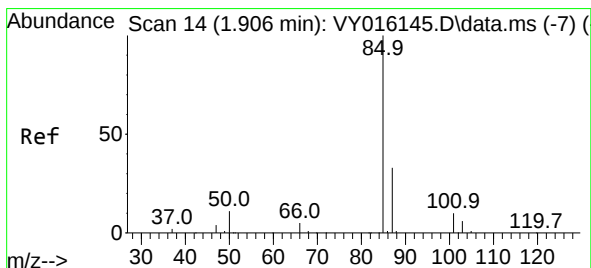
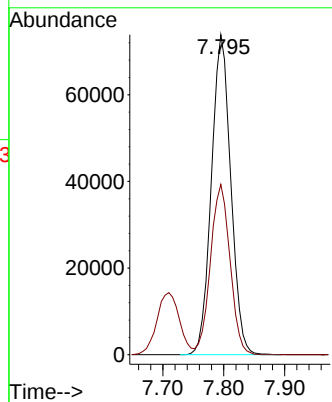
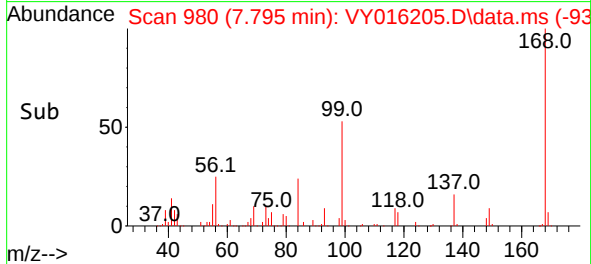
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01



Tgt Ion:168 Resp: 163319
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0

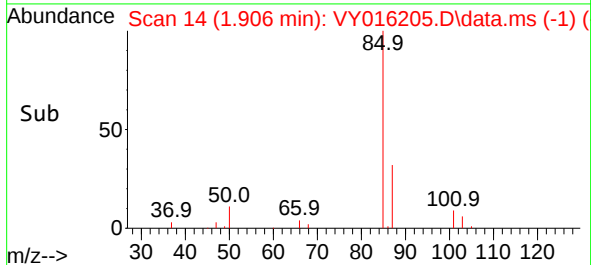
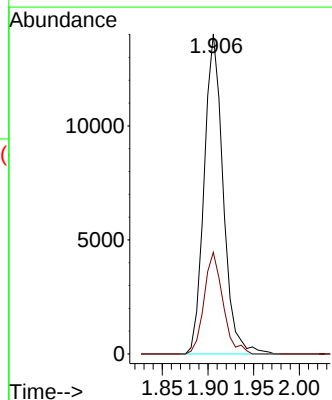
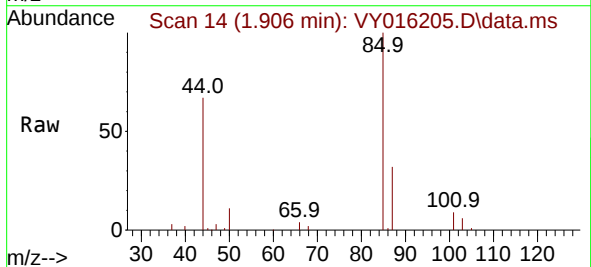
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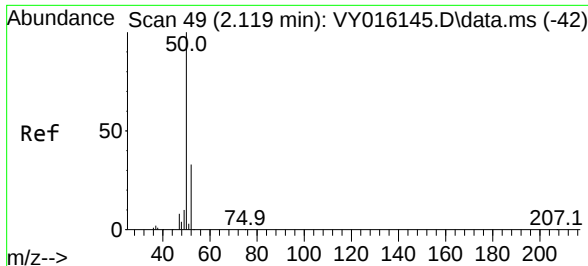
Reviewed By :John Carlone 11/06/2023
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#2
Dichlorodifluoromethane
Concen: 19.397 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

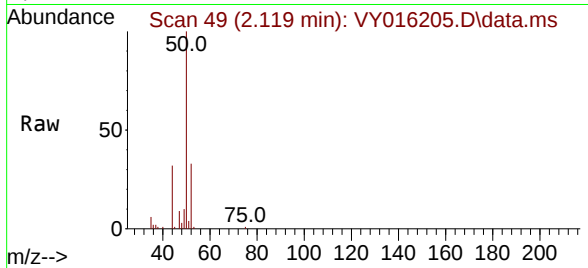
Tgt Ion: 85 Resp: 20208
Ion Ratio Lower Upper
85 100
87 31.7 15.6 46.8





#3
Chloromethane
Concen: 18.734 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

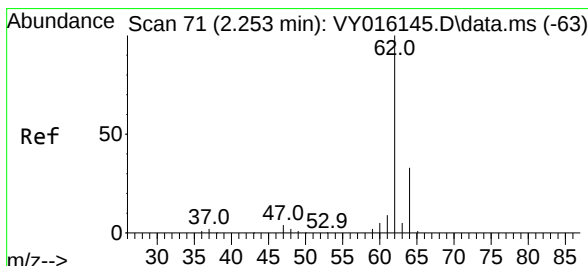
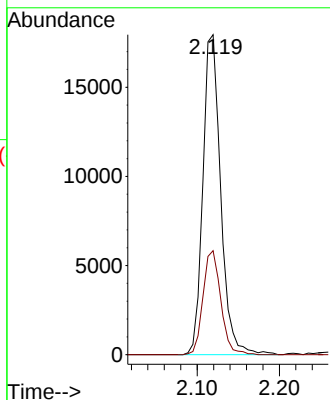
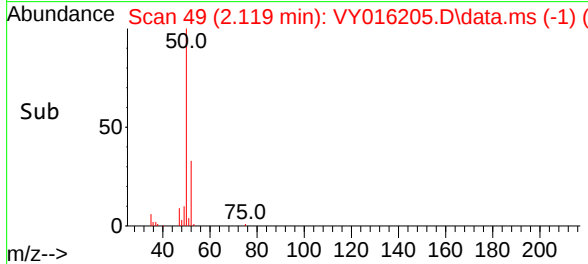
Instrument :
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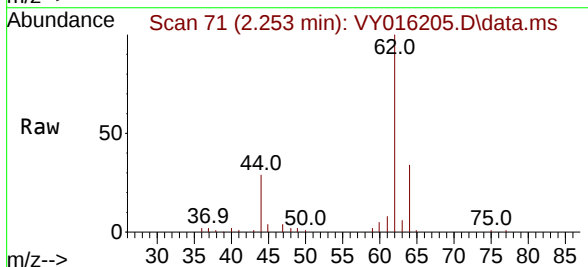
Tgt Ion: 50 Resp: 2702
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2

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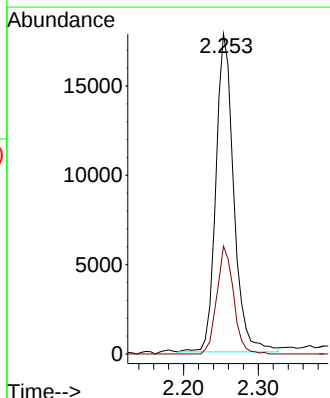
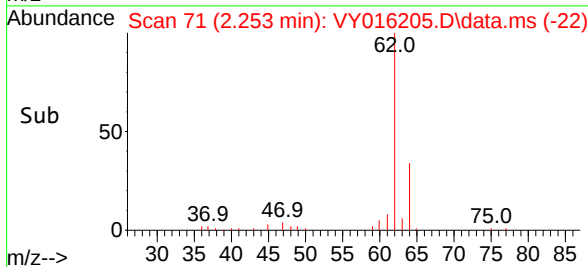
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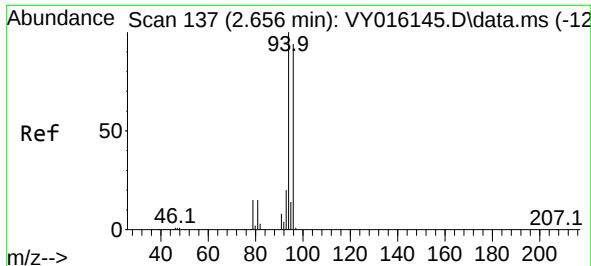


#4
Vinyl Chloride
Concen: 19.957 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44



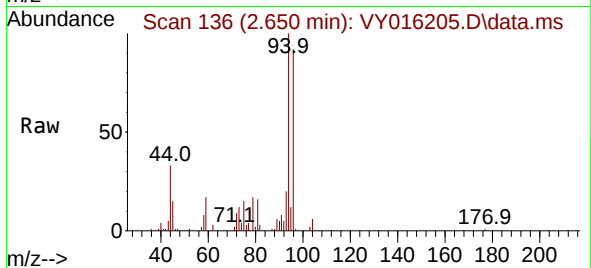
Tgt Ion: 62 Resp: 29710
Ion Ratio Lower Upper
62 100
64 33.9 24.3 36.5





#5
Bromomethane
Concen: 19.755 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

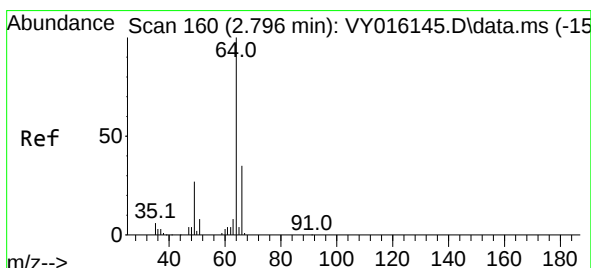
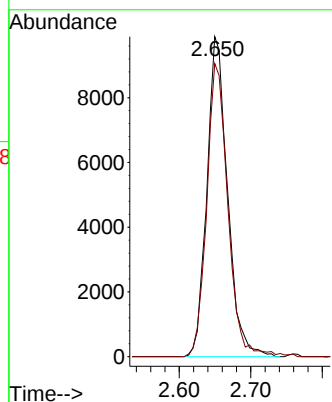
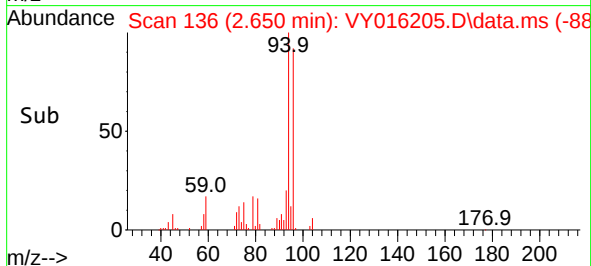
Instrument :
MSVOA_Y
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Tgt Ion: 94 Resp: 1984
Ion Ratio Lower Upper
94 100
96 91.6 75.8 113.6

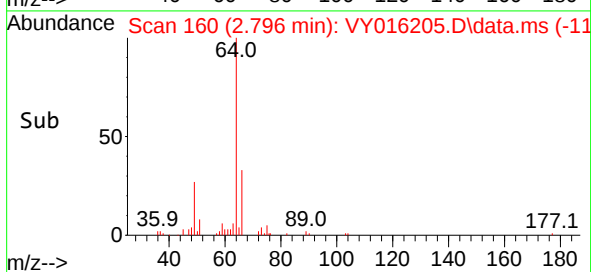
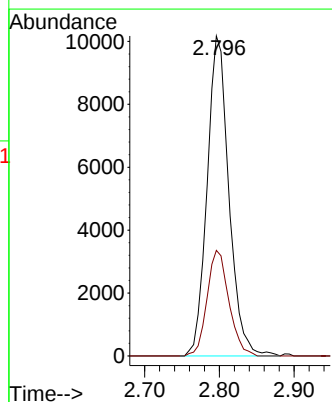
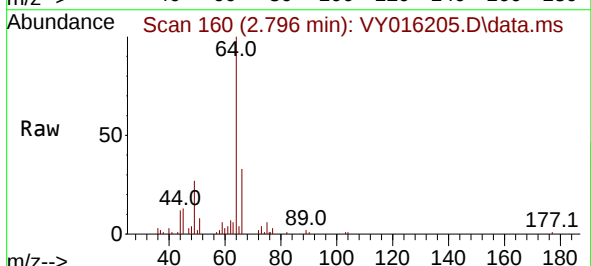
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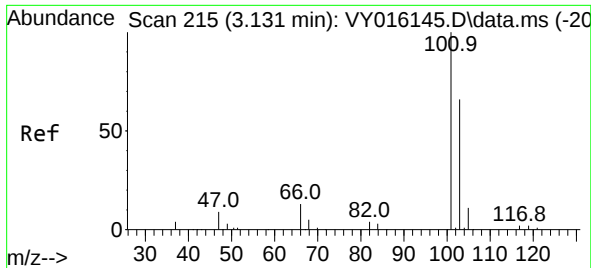
Reviewed By :John Carlone 11/06/2023
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#6
Chloroethane
Concen: 19.645 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

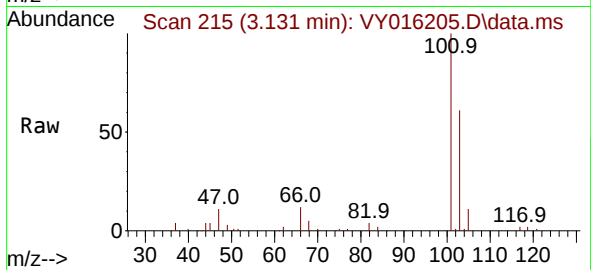
Tgt Ion: 64 Resp: 20590
Ion Ratio Lower Upper
64 100
66 33.0 24.4 36.6





#7
Trichlorofluoromethane
Concen: 21.853 ug/l
RT: 3.131 min Scan# 215
Delta R.T. -0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

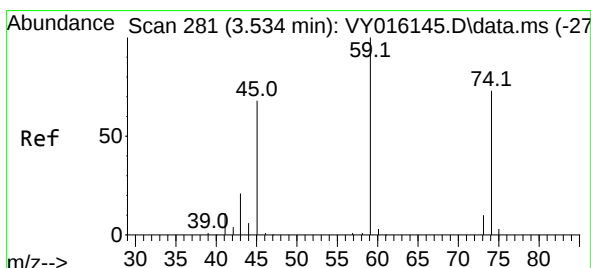
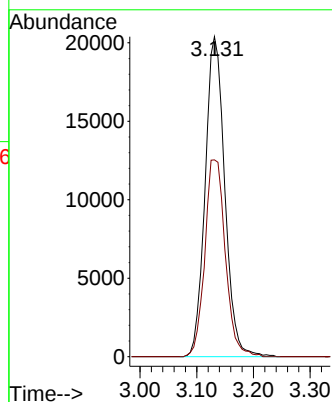
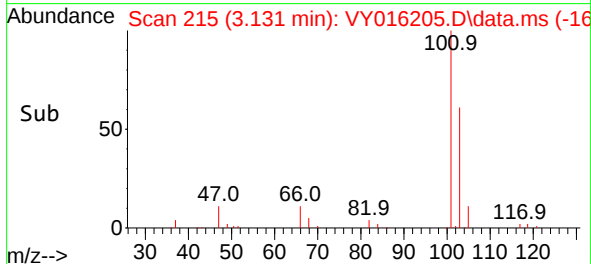
Instrument :
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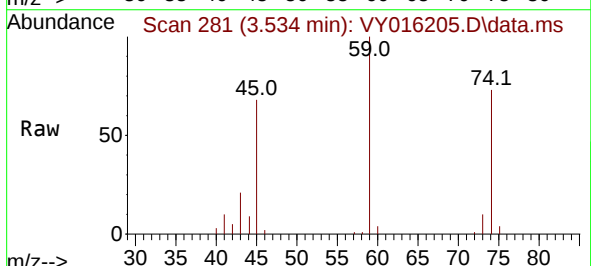
Tgt Ion:101 Resp: 49114
Ion Ratio Lower Upper
101 100
103 61.5 51.4 77.0

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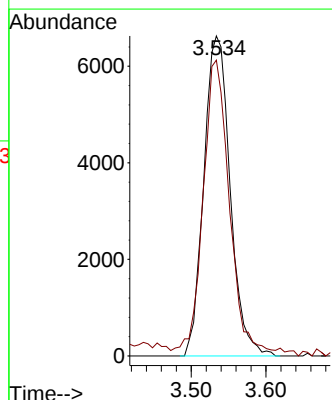
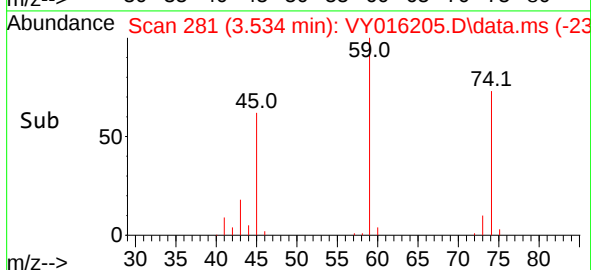
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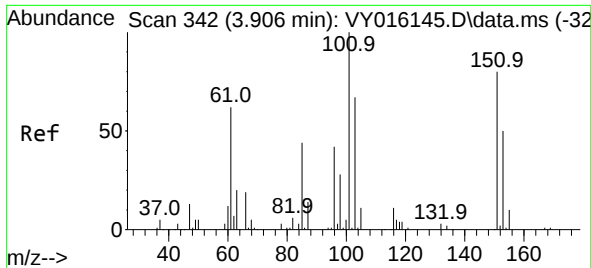


#8
Diethyl Ether
Concen: 21.799 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44



Tgt Ion: 74 Resp: 16238
Ion Ratio Lower Upper
74 100
45 94.5 51.5 154.5





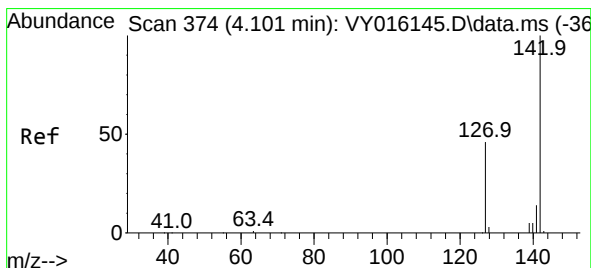
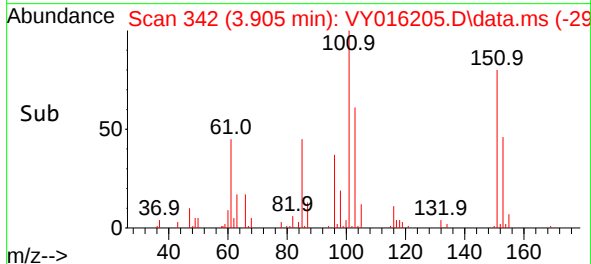
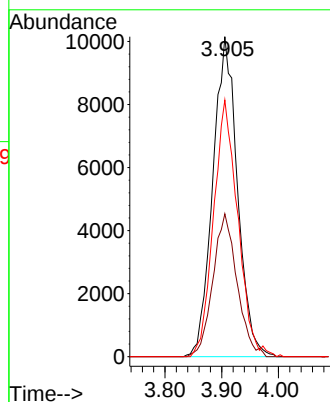
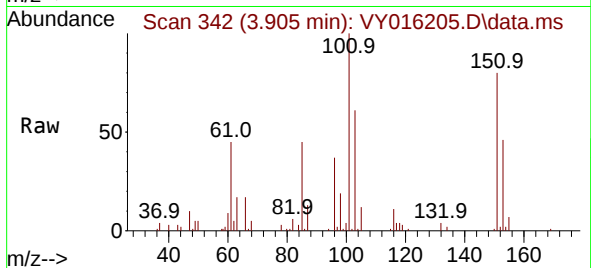
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.639 ug/l
RT: 3.905 min Scan# 342
Delta R.T. -0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

Tgt Ion:101 Resp: 30638
Ion Ratio Lower Upper
101 100
85 43.7 36.6 55.0
151 78.8 67.0 100.6

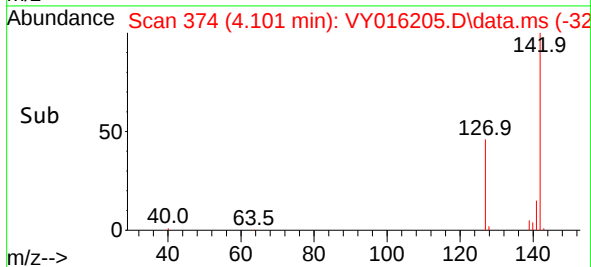
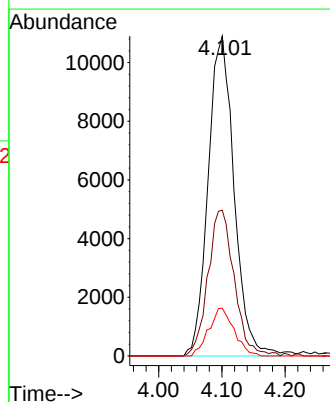
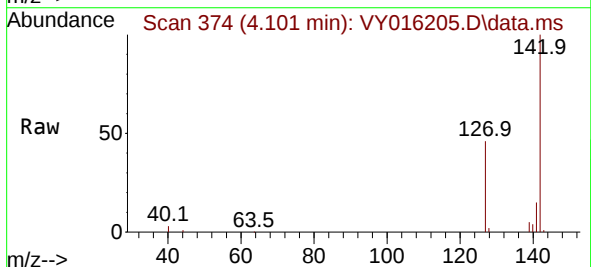
Manual Integrations
APPROVED

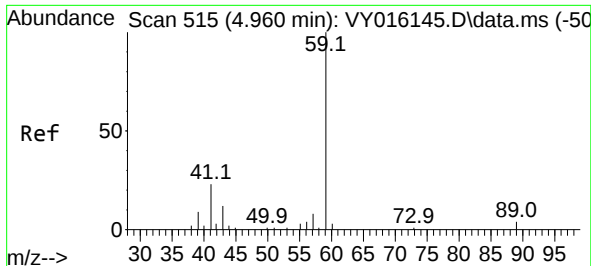
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#10
Methyl Iodide
Concen: 19.744 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Tgt Ion:142 Resp: 31085
Ion Ratio Lower Upper
142 100
127 46.1 37.6 56.4
141 14.6 11.8 17.8





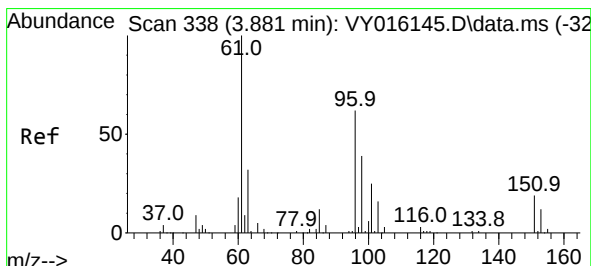
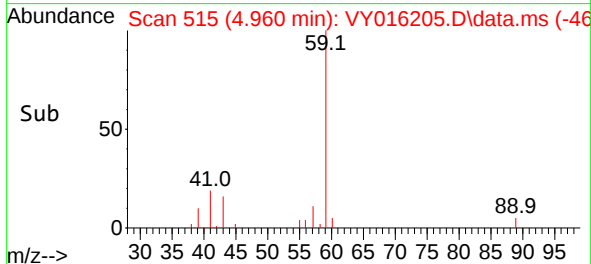
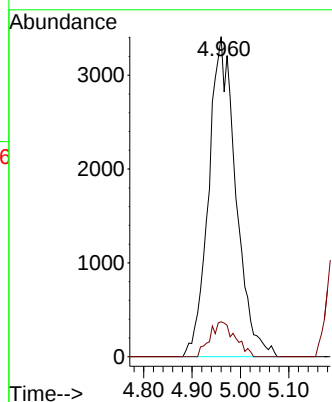
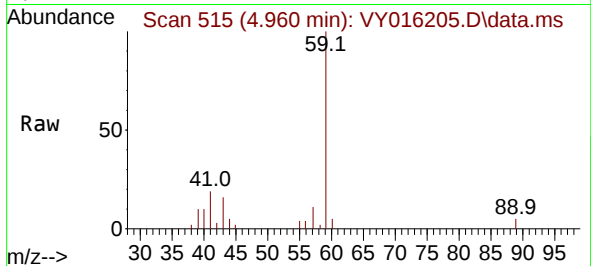
#11
Tert butyl alcohol
Concen: 117.042 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01

Tgt Ion: 59 Resp: 13364
Ion Ratio Lower Upper
59 100
57 10.1 3.0 4.4

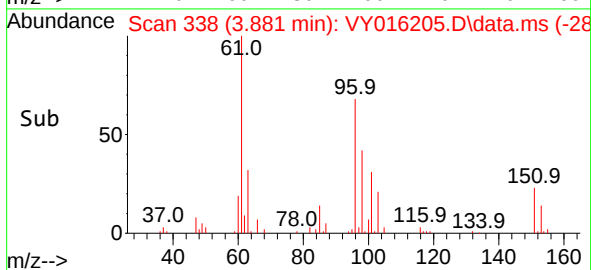
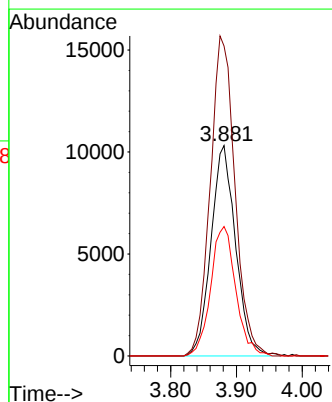
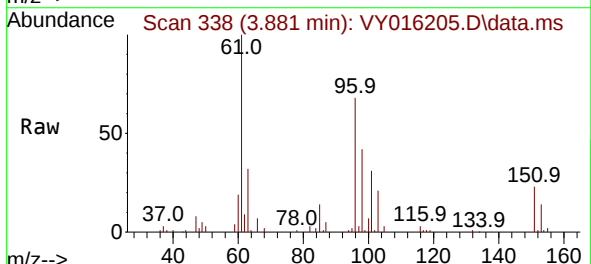
Manual Integrations
APPROVED

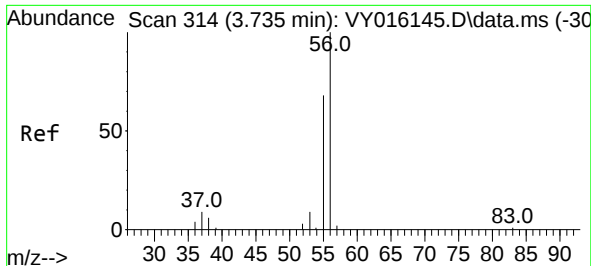
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#12
1,1-Dichloroethene
Concen: 20.815 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

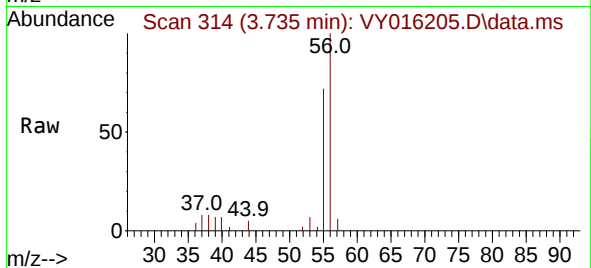
Tgt Ion: 96 Resp: 26900
Ion Ratio Lower Upper
96 100
61 147.3 136.4 204.6
98 61.6 49.4 74.2





#13
Acrolein
Concen: 117.290 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

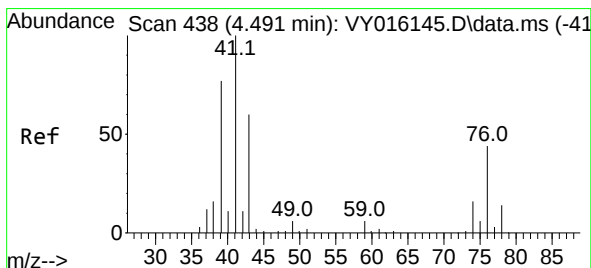
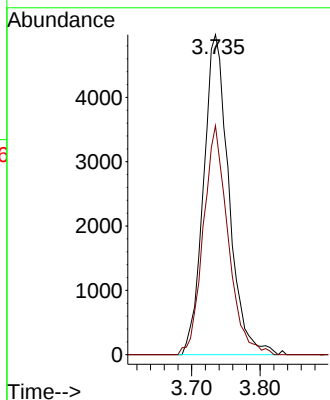
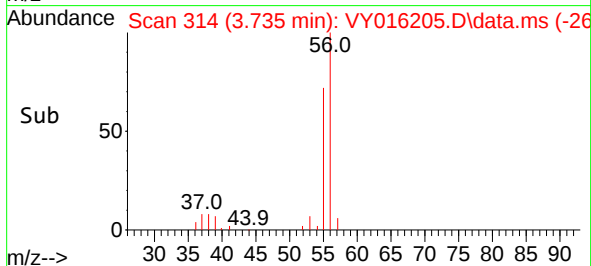
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01



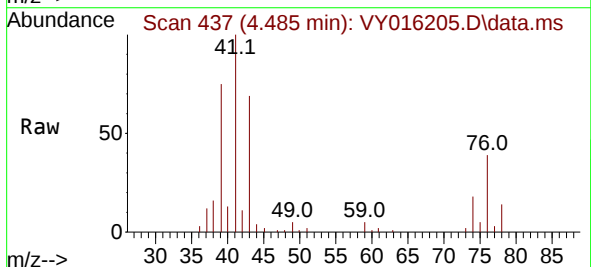
Tgt Ion: 56 Resp: 1277
Ion Ratio Lower Upper
56 100
55 70.2 57.0 85.4

Manual Integrations
APPROVED

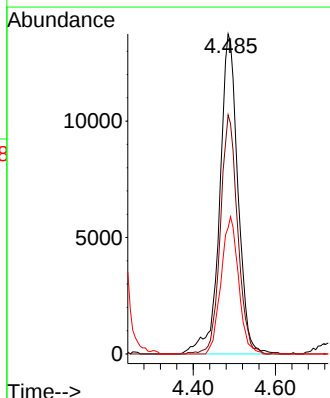
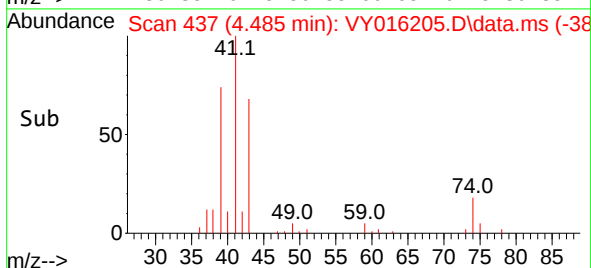
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

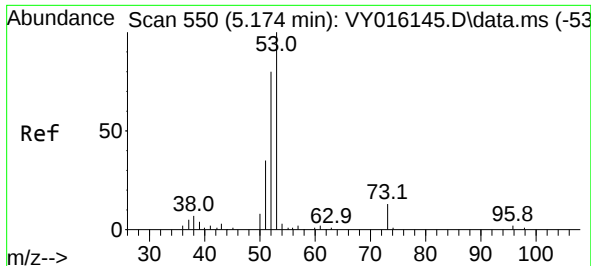


#14
Allyl chloride
Concen: 22.810 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44



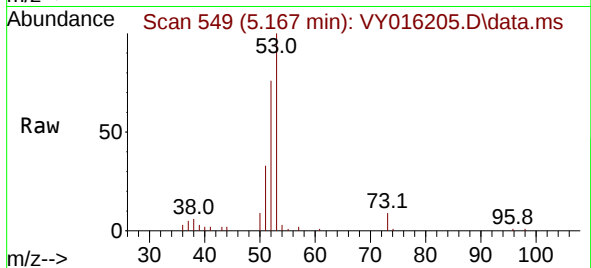
Tgt Ion: 41 Resp: 42164
Ion Ratio Lower Upper
41 100
39 70.9 58.0 87.0
76 41.1 27.4 41.2





#15
Acrylonitrile
Concen: 116.017 ug/l
RT: 5.167 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

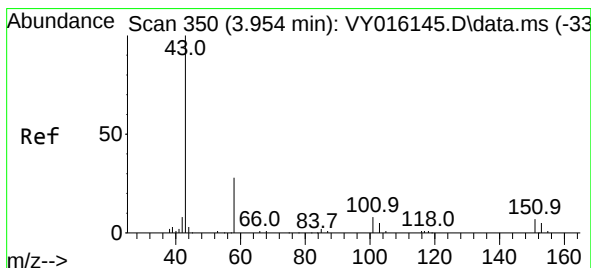
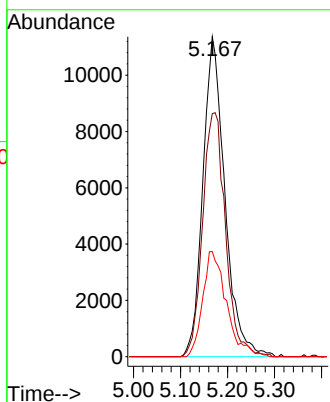
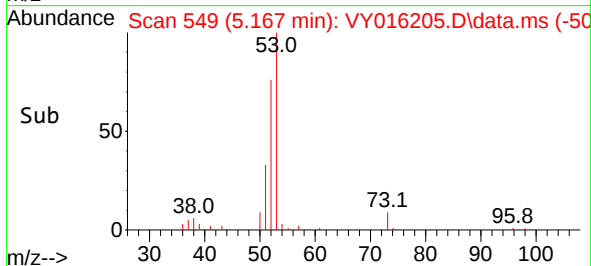
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01



Tgt Ion: 53 Resp: 36929
Ion Ratio Lower Upper
53 100
52 79.4 66.9 100.3
51 35.5 29.8 44.6

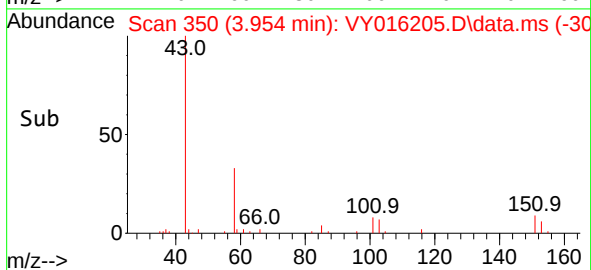
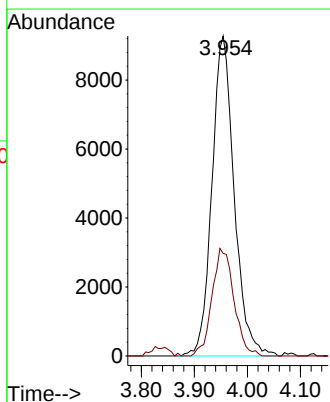
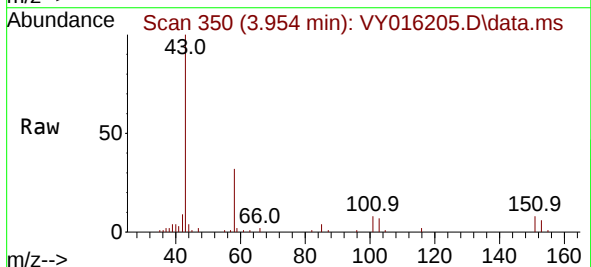
Manual Integrations
APPROVED

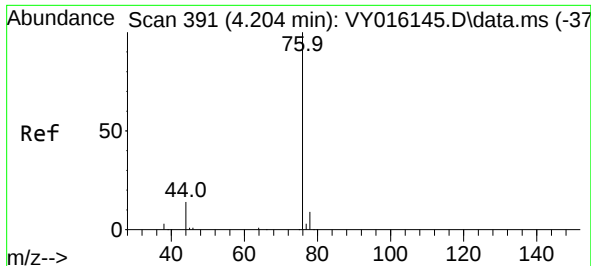
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#16
Acetone
Concen: 99.366 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

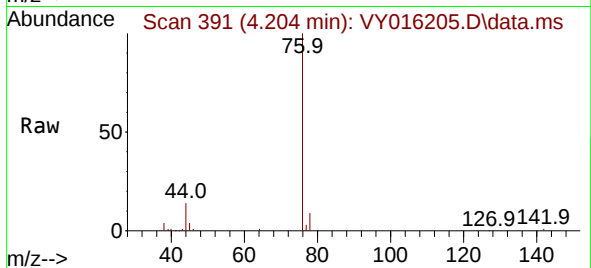
Tgt Ion: 43 Resp: 27045
Ion Ratio Lower Upper
43 100
58 32.0 22.7 34.1





#17
Carbon Disulfide
Concen: 18.745 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

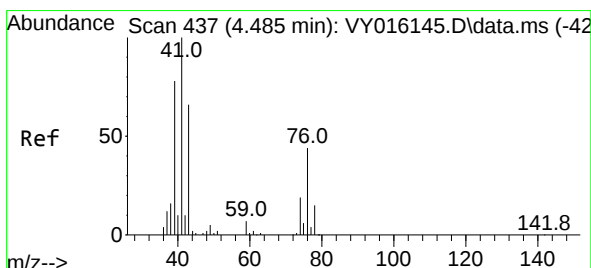
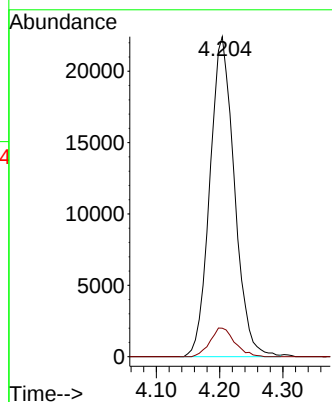
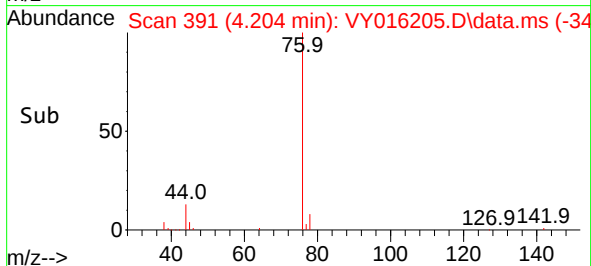
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01



Tgt Ion: 76 Resp: 60478
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

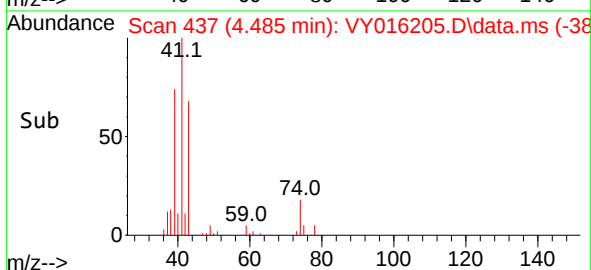
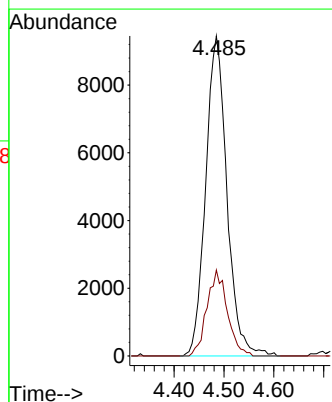
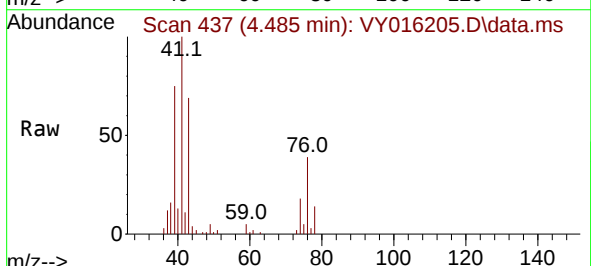
Manual Integrations
APPROVED

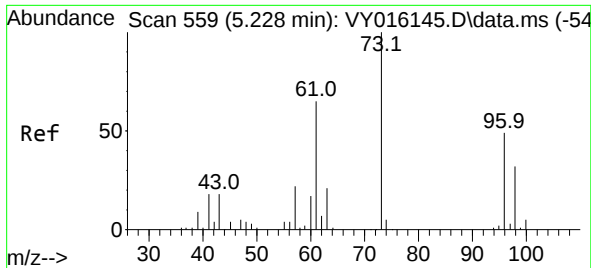
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#18
Methyl Acetate
Concen: 22.779 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Tgt Ion: 43 Resp: 27996
Ion Ratio Lower Upper
43 100
74 25.7 17.4 26.0





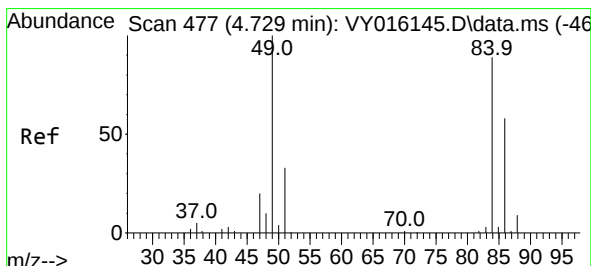
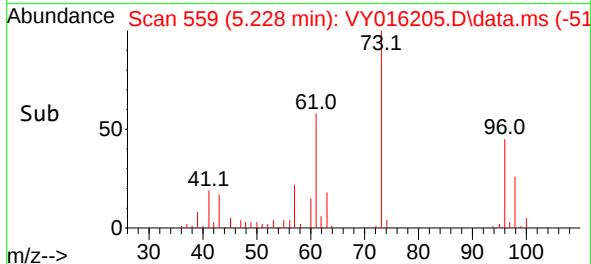
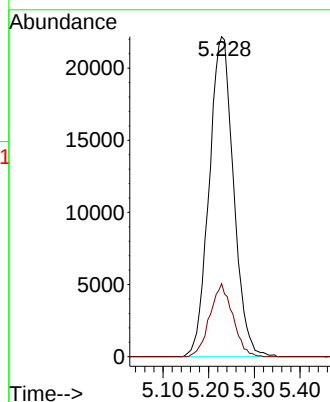
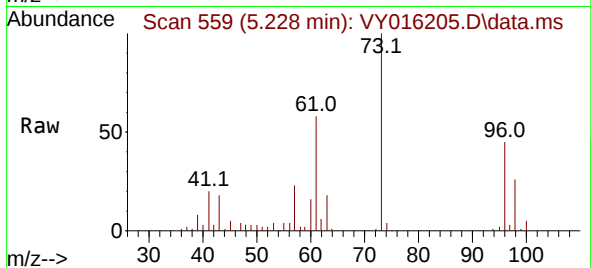
#19
Methyl tert-butyl Ether
Concen: 22.369 ug/l
RT: 5.228 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01

Tgt Ion: 73 Resp: 82220
Ion Ratio Lower Upper
73 100
57 22.8 17.3 25.9

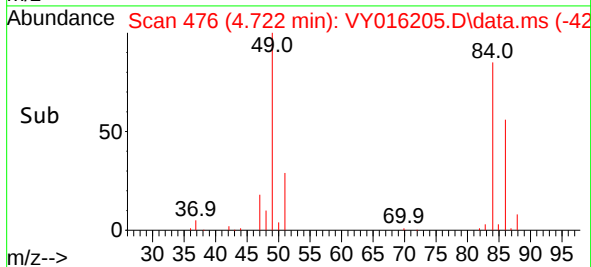
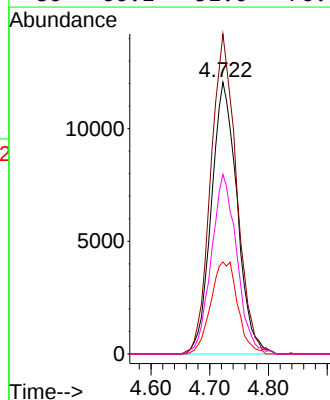
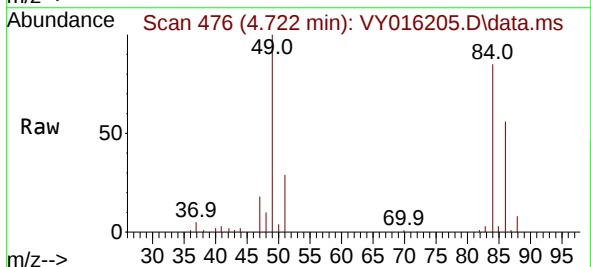
Manual Integrations
APPROVED

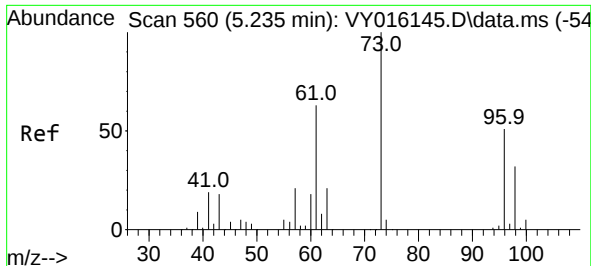
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#20
Methylene Chloride
Concen: 21.909 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Tgt Ion: 84 Resp: 36715
Ion Ratio Lower Upper
84 100
49 117.8 106.9 160.3
51 33.9 33.2 49.8
86 66.1 51.0 76.6





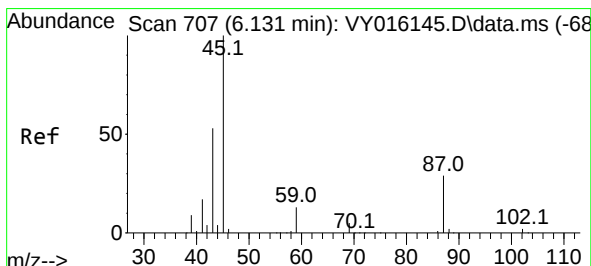
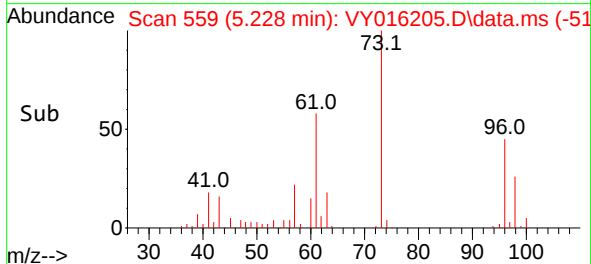
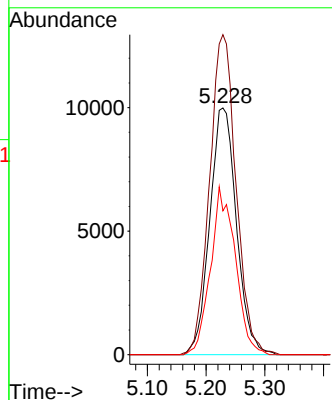
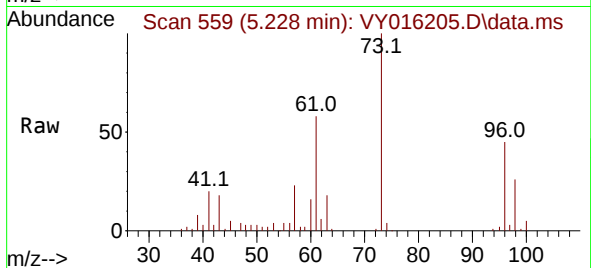
#21
trans-1,2-Dichloroethene
Concen: 20.943 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01

Tgt Ion: 96 Resp: 31520
Ion Ratio Lower Upper
96 100
61 129.7 110.2 165.4
98 58.3 51.8 77.6

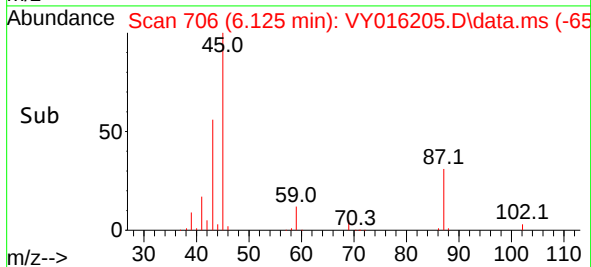
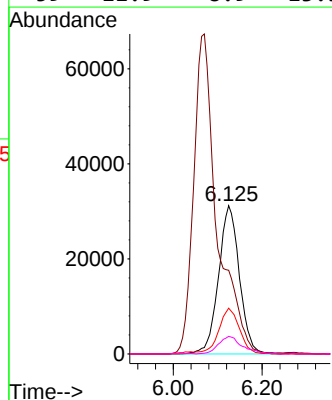
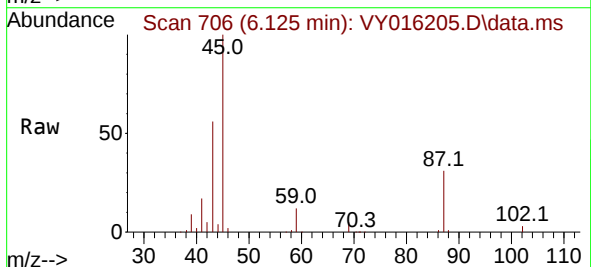
Manual Integrations
APPROVED

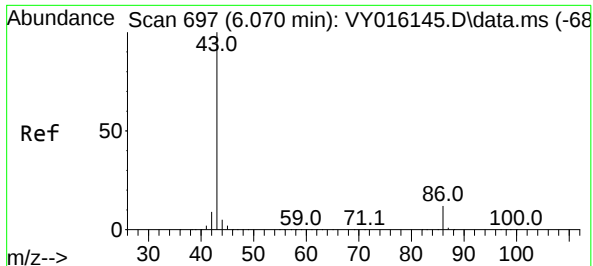
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#22
Diisopropyl ether
Concen: 22.691 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

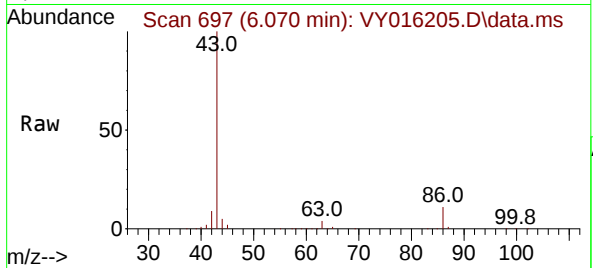
Tgt Ion: 45 Resp: 101450
Ion Ratio Lower Upper
45 100
43 55.7 52.2 78.4
87 30.9 21.0 31.6
59 11.9 8.9 13.3





#23
 Vinyl Acetate
 Concen: 111.796 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY016205.D
 Acq: 03 Nov 2023 10:44

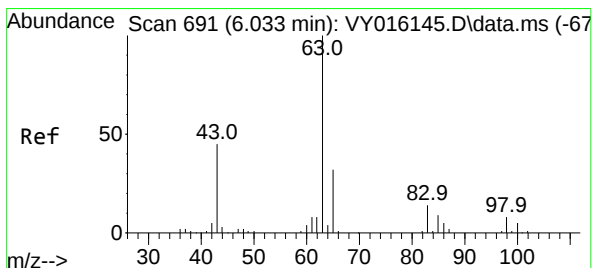
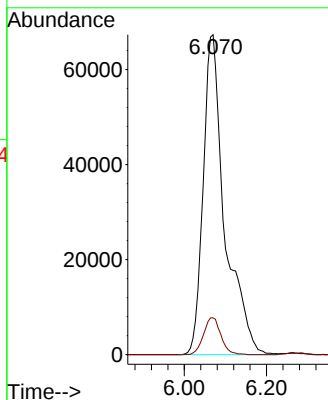
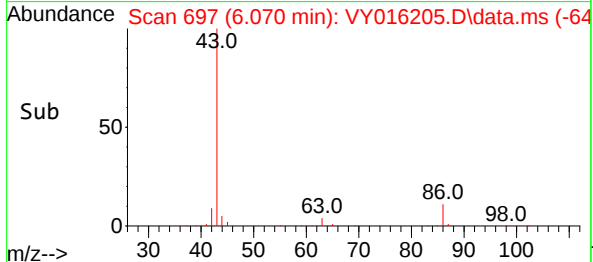
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBSD01



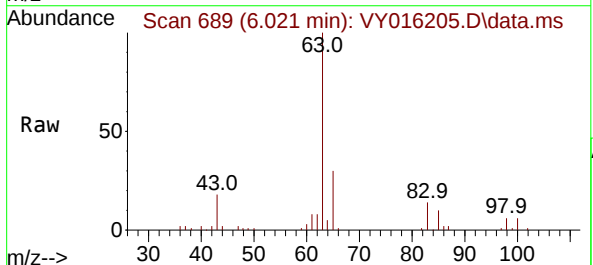
Tgt Ion: 43 Resp: 245409
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3

Manual Integrations
 APPROVED

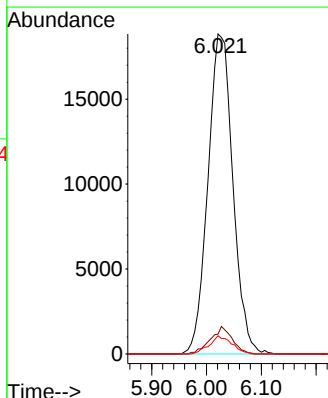
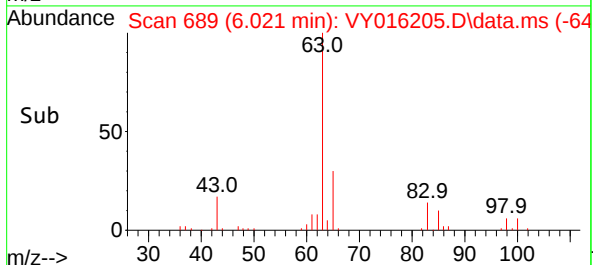
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023

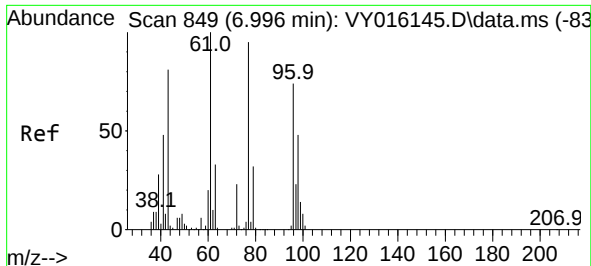


#24
 1,1-Dichloroethane
 Concen: 22.262 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.012 min
 Lab File: VY016205.D
 Acq: 03 Nov 2023 10:44



Tgt Ion: 63 Resp: 59569
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.1 9.4
 100 5.7 1.8 5.5





#25

2-Butanone

Concen: 107.387 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY016205.D

Acq: 03 Nov 2023 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

Tgt Ion: 43 Resp: 4527

Ion Ratio Lower Upper

43 100

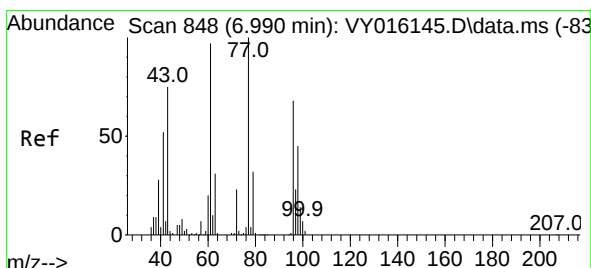
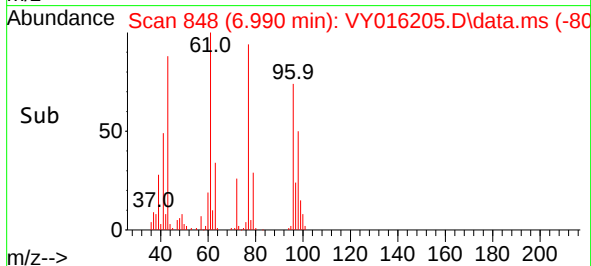
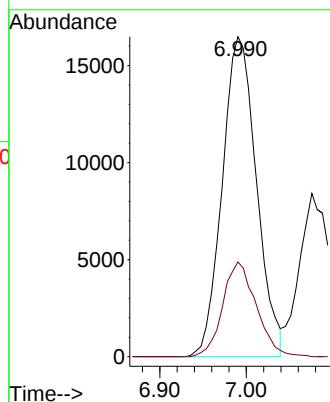
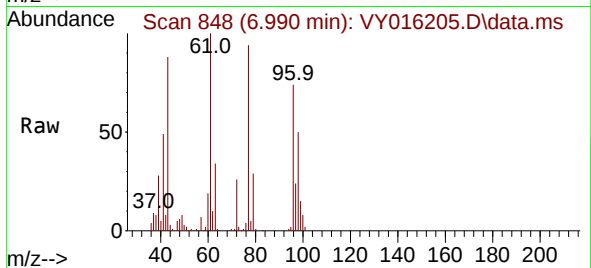
72 29.6 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#26

2,2-Dichloropropane

Concen: 21.797 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY016205.D

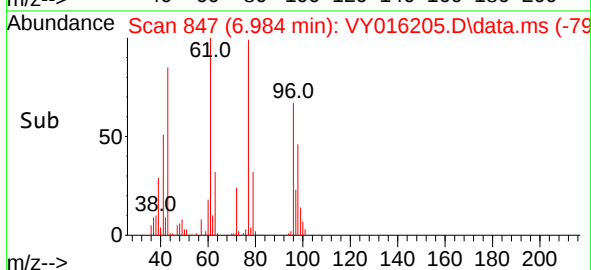
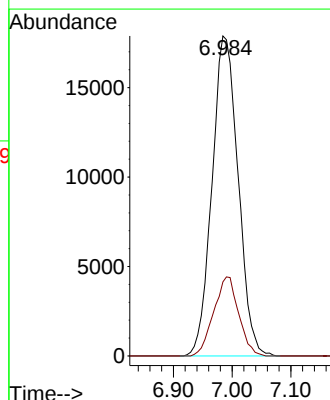
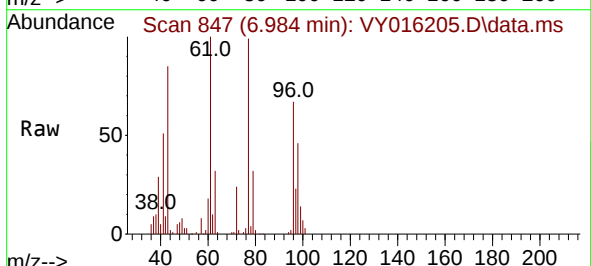
Acq: 03 Nov 2023 10:44

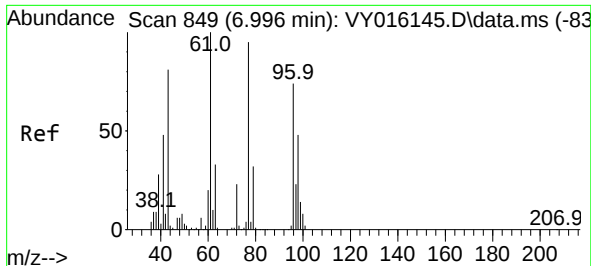
Tgt Ion: 77 Resp: 55135

Ion Ratio Lower Upper

77 100

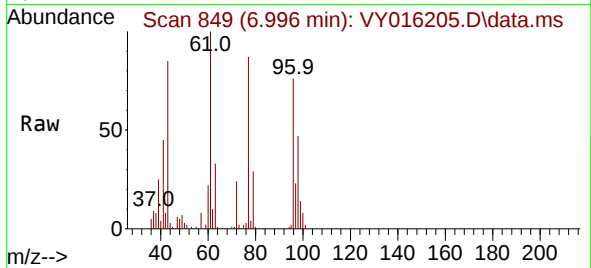
97 23.6 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 21.583 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY016205.D
 Acq: 03 Nov 2023 10:44

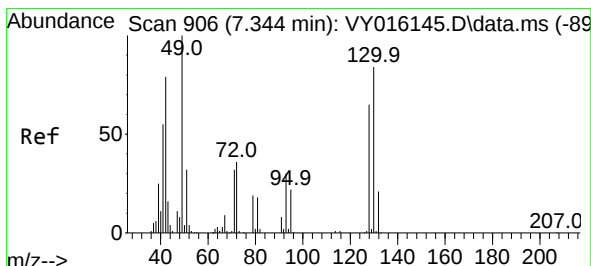
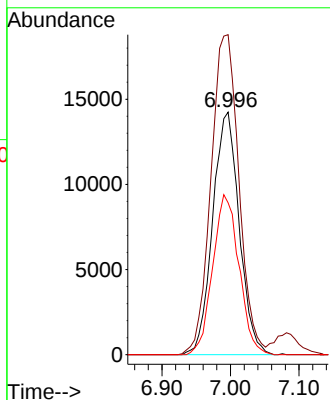
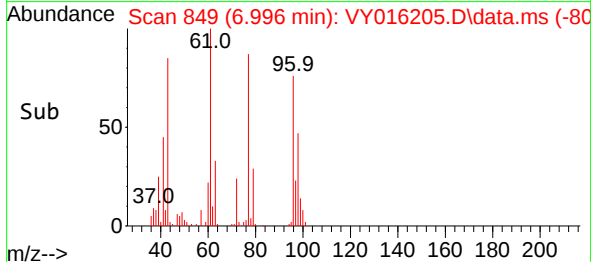
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBSD01



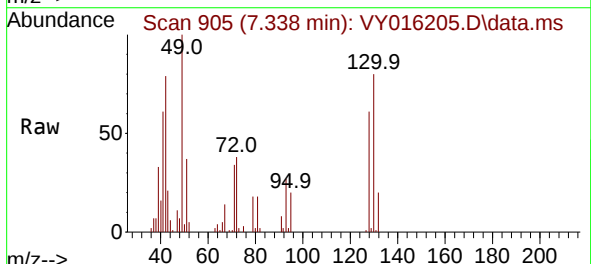
Tgt Ion: 96 Resp: 3823
 Ion Ratio Lower Upper
 96 100
 61 139.4 0.0 301.4
 98 65.4 0.0 130.4

Manual Integrations
 APPROVED

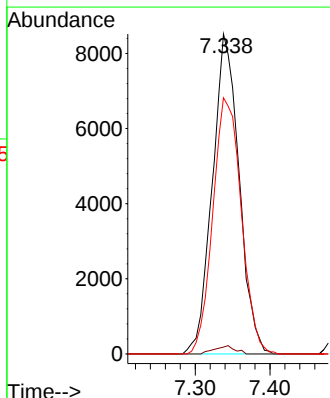
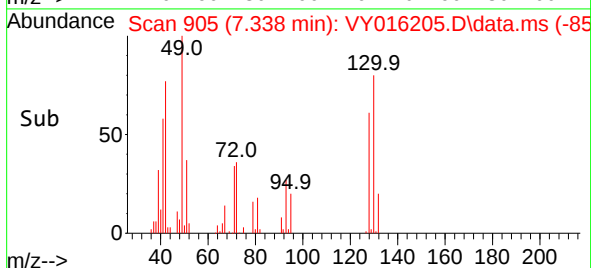
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023

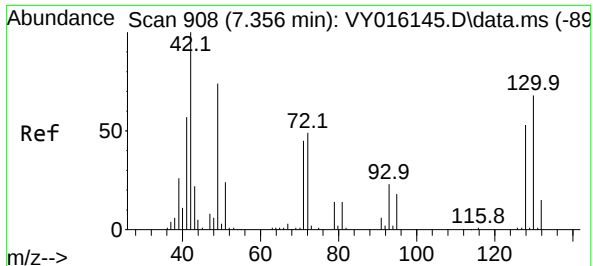


#28
 Bromochloromethane
 Concen: 21.120 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. -0.006 min
 Lab File: VY016205.D
 Acq: 03 Nov 2023 10:44



Tgt Ion: 49 Resp: 21148
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 85.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 113.433 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.000 min

Lab File: VY016205.D

Acq: 03 Nov 2023 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBSD01

Tgt Ion: 42 Resp: 29980

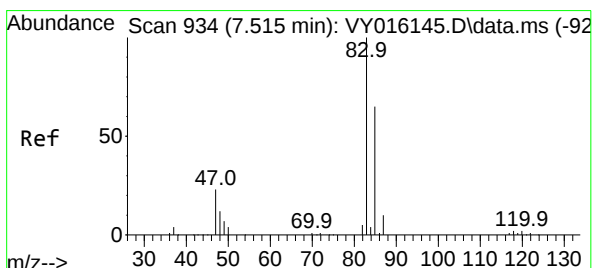
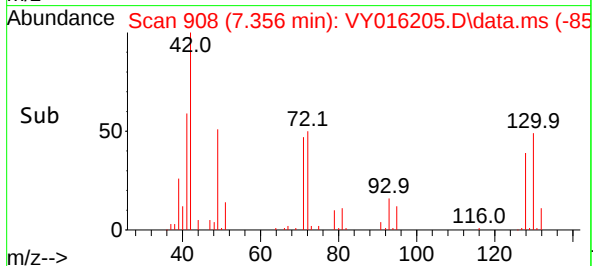
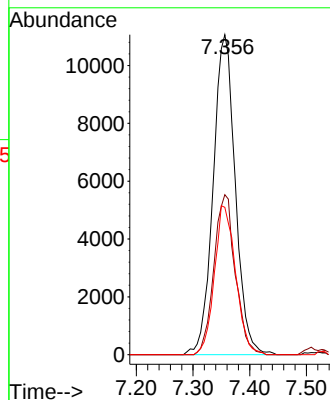
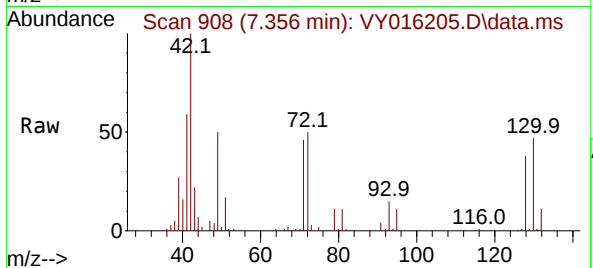
Ion	Ratio	Lower	Upper
42	100		
72	48.2	32.8	49.2
71	44.8	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#30

Chloroform

Concen: 22.063 ug/l

RT: 7.508 min Scan# 933

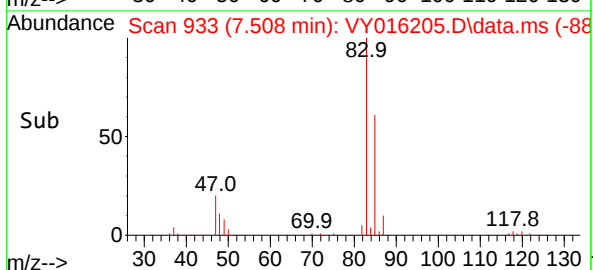
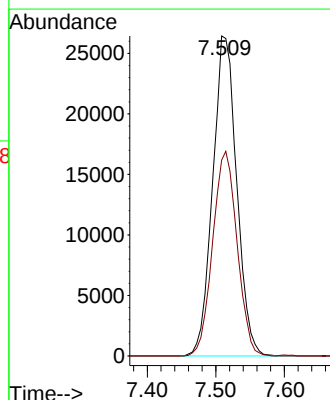
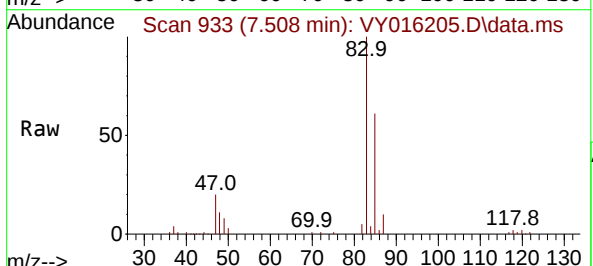
Delta R.T. -0.006 min

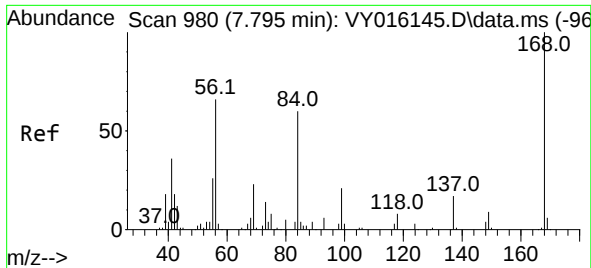
Lab File: VY016205.D

Acq: 03 Nov 2023 10:44

Tgt Ion: 83 Resp: 64275

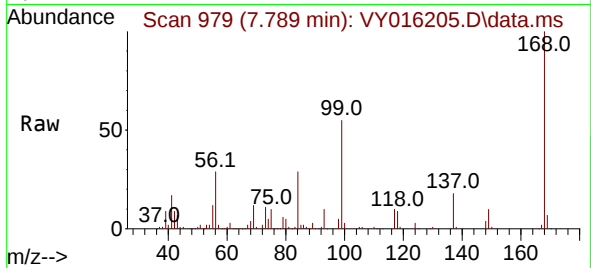
Ion	Ratio	Lower	Upper
83	100		
85	61.2	49.7	74.5





#31
Cyclohexane
Concen: 20.528 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

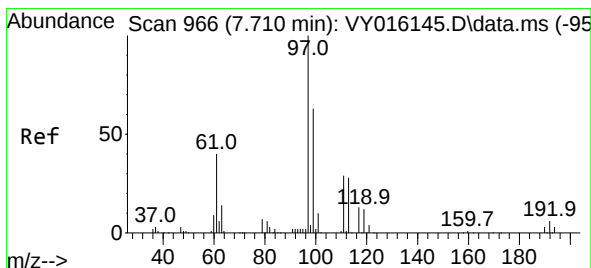
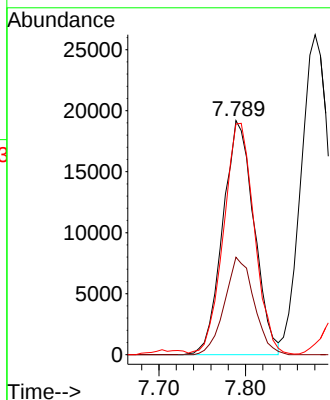
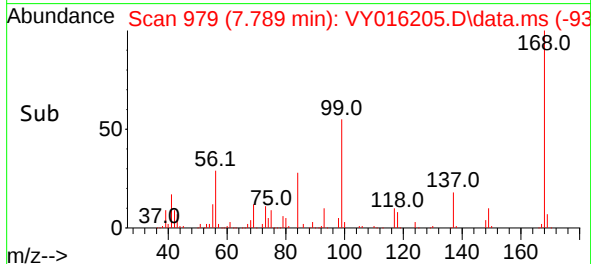
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01



Tgt Ion: 56 Resp: 48220
Ion Ratio Lower Upper
56 100
69 41.6 27.8 41.6
84 96.8 66.4 99.6

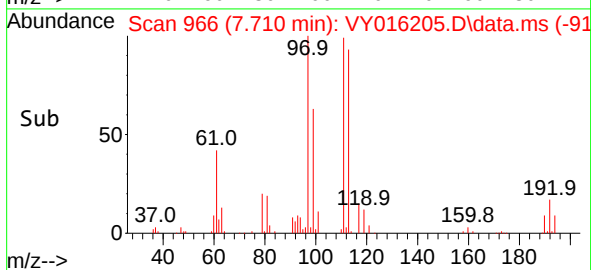
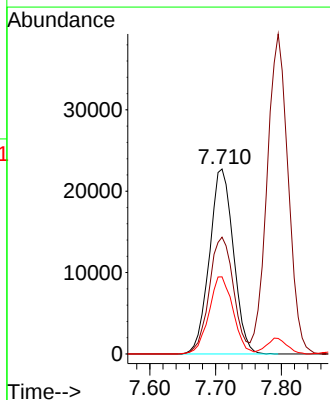
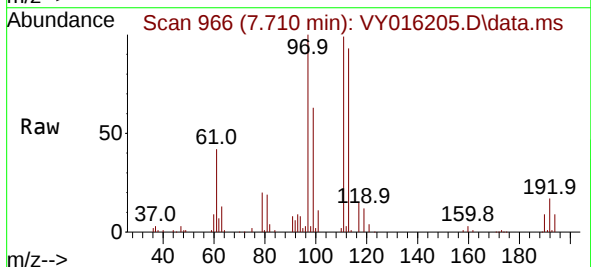
Manual Integrations
APPROVED

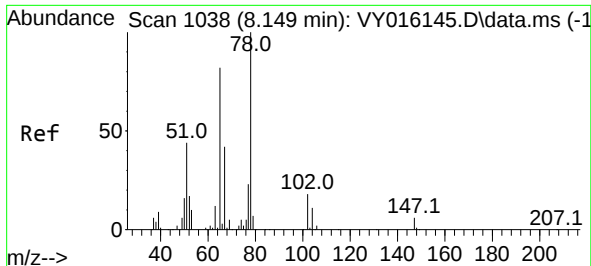
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#32
1,1,1-Trichloroethane
Concen: 21.566 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Tgt Ion: 97 Resp: 57617
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 42.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 54.278 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY016205.D

Acq: 03 Nov 2023 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

Tgt Ion: 65 Resp: 82950

Ion Ratio Lower Upper

65 100

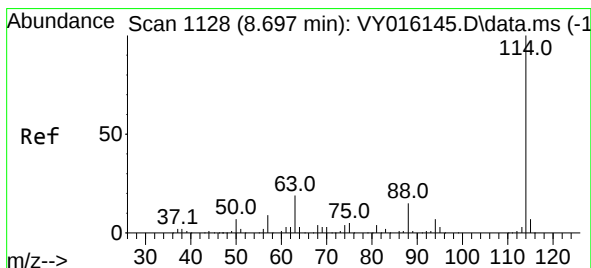
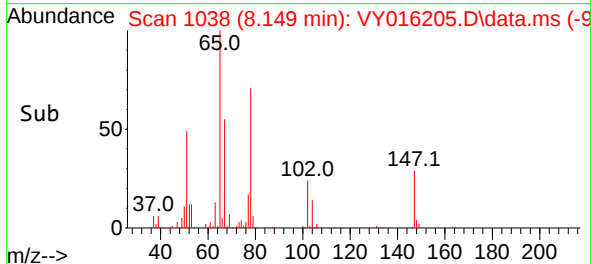
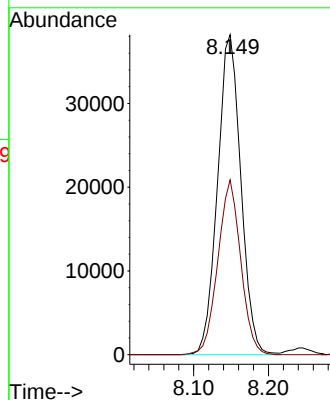
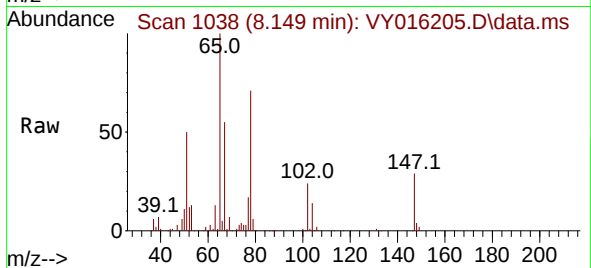
67 53.6 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY016205.D

Acq: 03 Nov 2023 10:44

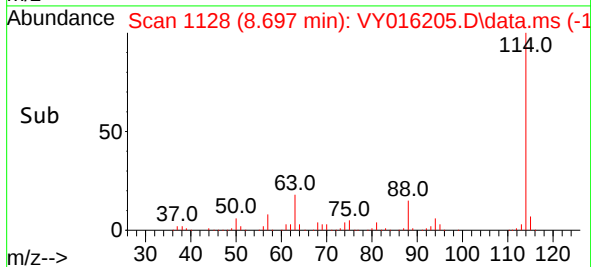
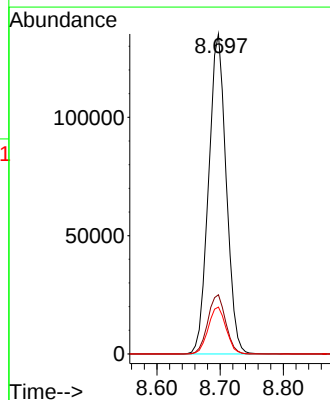
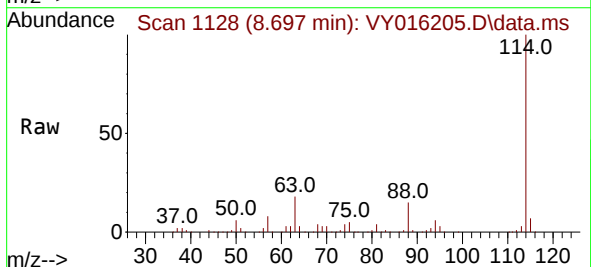
Tgt Ion:114 Resp: 261264

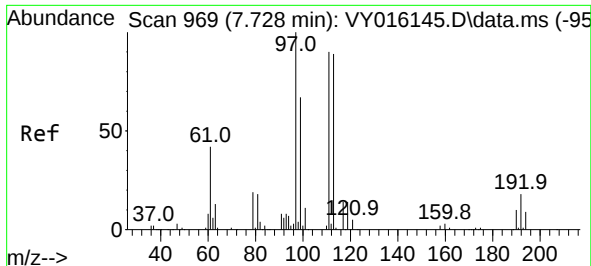
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

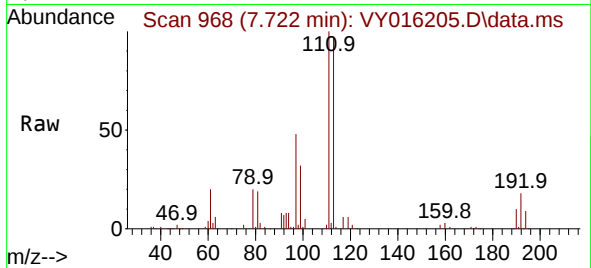
88 14.6 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.360 ug/l
RT: 7.722 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

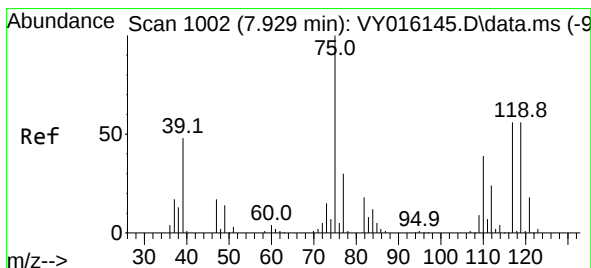
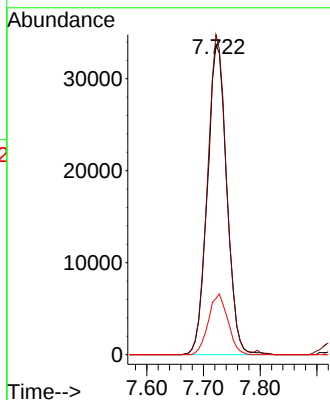
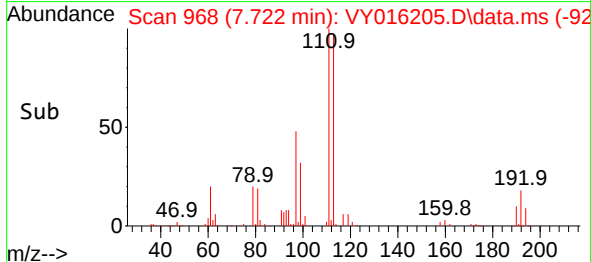
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01



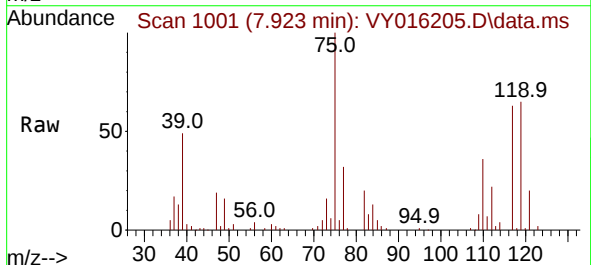
Tgt Ion:113 Resp: 79998
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.7 16.9 25.3

Manual Integrations
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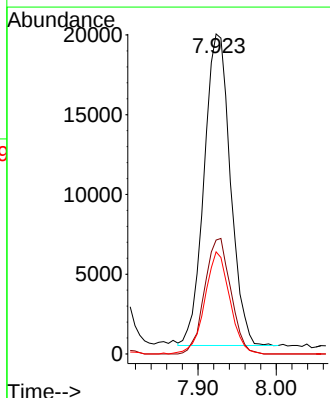
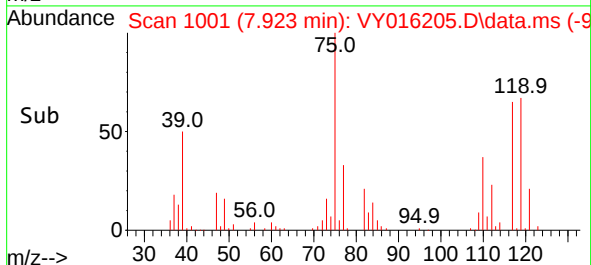
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

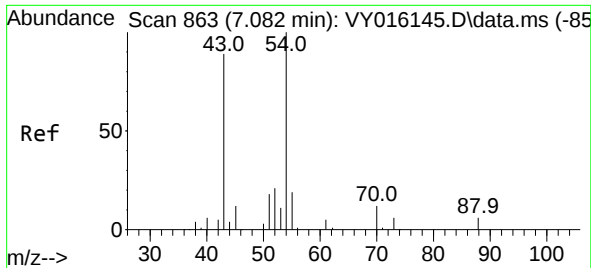


#36
1,1-Dichloropropene
Concen: 20.250 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44



Tgt Ion: 75 Resp: 45545
Ion Ratio Lower Upper
75 100
110 36.8 17.8 53.5
77 31.1 24.4 36.6





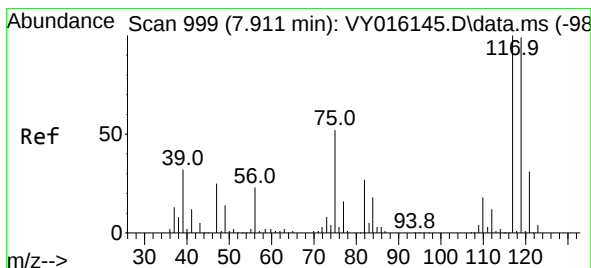
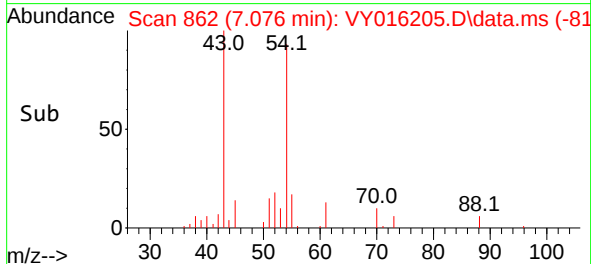
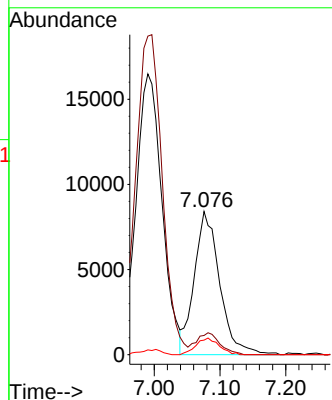
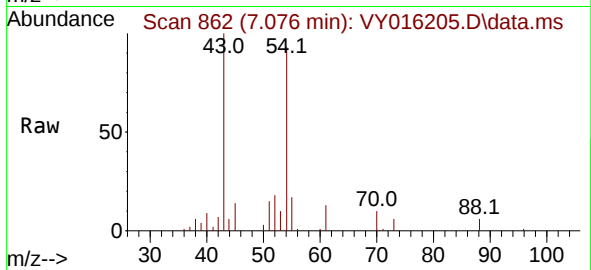
#37
Ethyl Acetate
Concen: 22.539 ug/l
RT: 7.076 min Scan# 862
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

Tgt Ion: 43 Resp: 22579
Ion Ratio Lower Upper
43 100
61 14.2 10.1 15.1
70 10.6 7.1 10.7

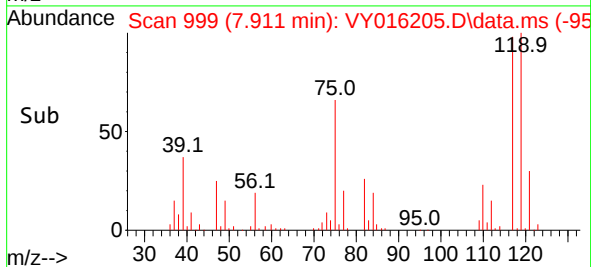
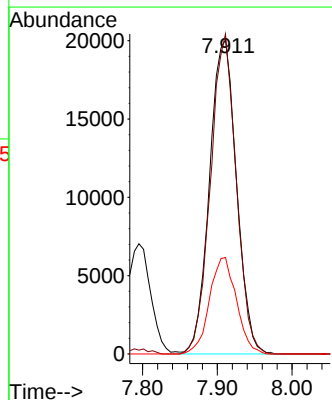
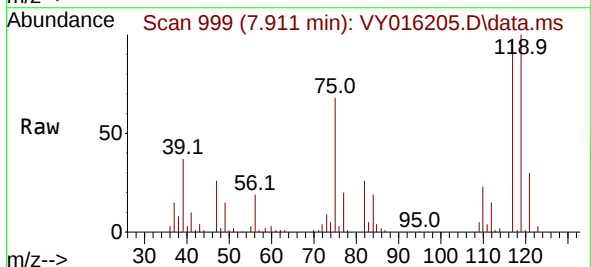
Manual Integrations
APPROVED

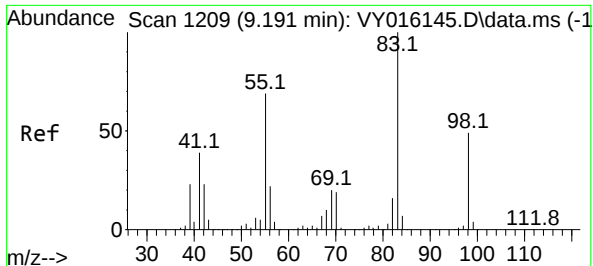
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#38
Carbon Tetrachloride
Concen: 22.539 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Tgt Ion:117 Resp: 50223
Ion Ratio Lower Upper
117 100
119 101.9 76.4 114.6
121 30.7 25.8 38.6





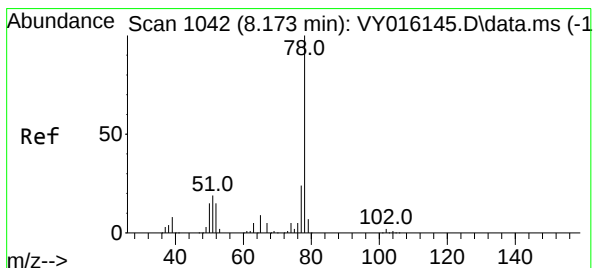
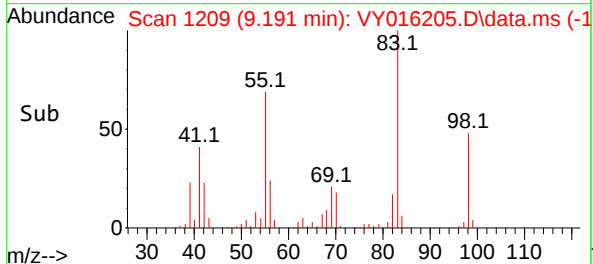
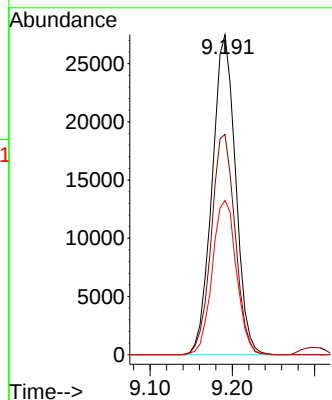
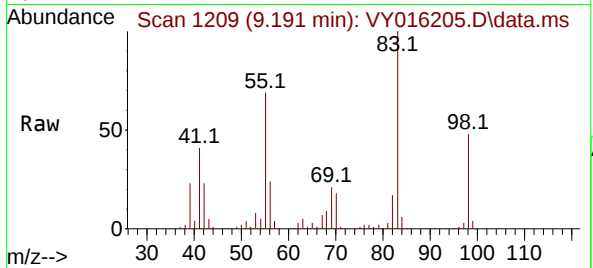
#39
Methylcyclohexane
Concen: 20.292 ug/l
RT: 9.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01

Tgt Ion: 83 Resp: 5447
Ion Ratio Lower Upper
83 100
55 68.8 63.0 94.4
98 48.2 37.4 56.2

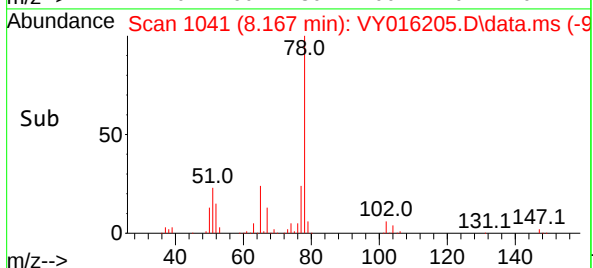
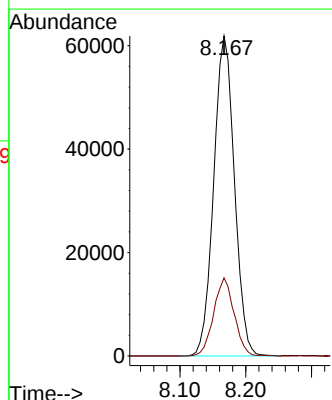
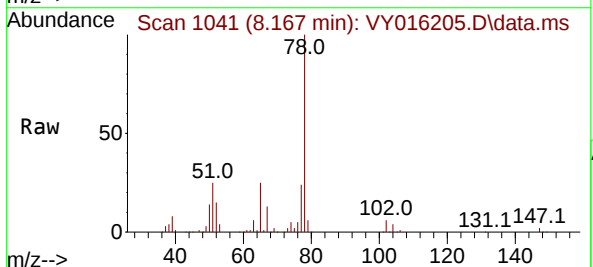
Manual Integrations
APPROVED

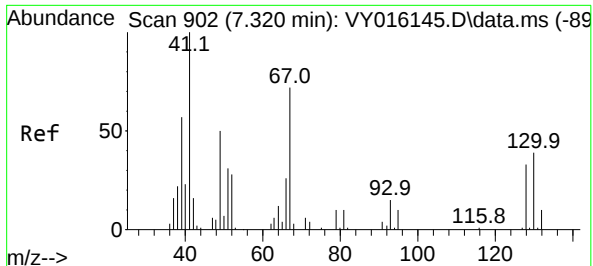
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#40
Benzene
Concen: 21.016 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

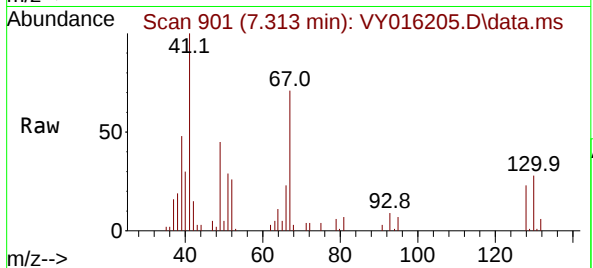
Tgt Ion: 78 Resp: 135701
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6





#41
Methacrylonitrile
Concen: 22.503 ug/l
RT: 7.313 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

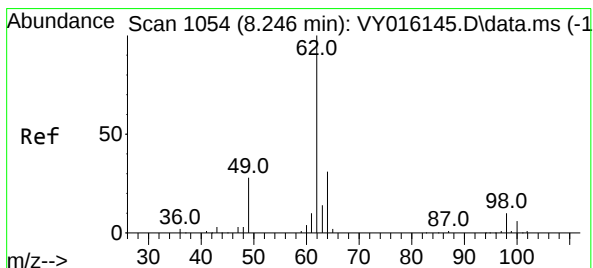
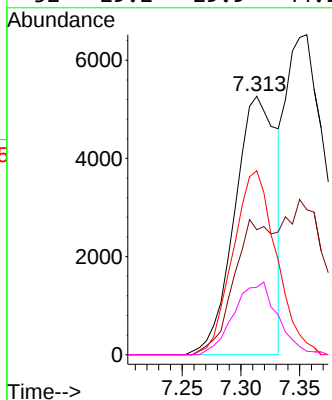
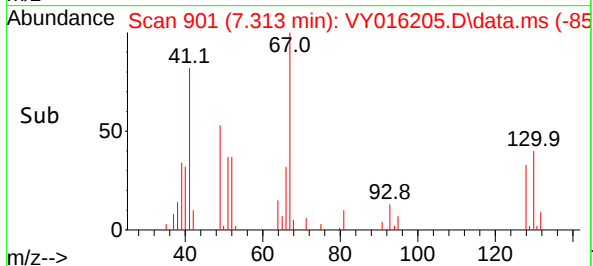
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01



Tgt Ion: 41 Resp: 13085
Ion Ratio Lower Upper
41 100
39 45.8 52.1 78.1
67 73.5 66.2 99.2
52 29.2 29.9 44.9

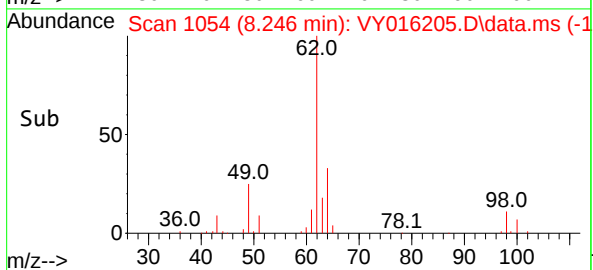
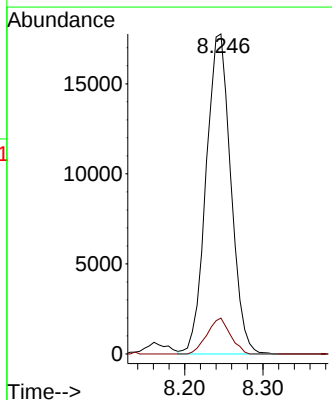
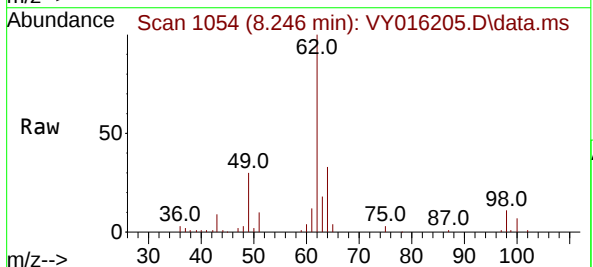
Manual Integrations
APPROVED

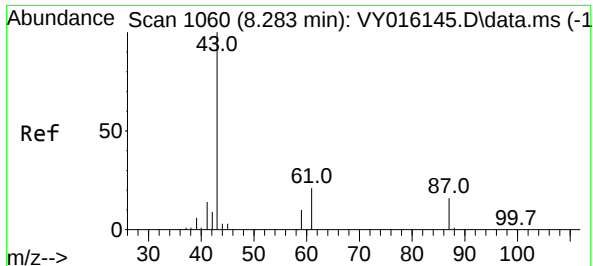
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#42
1,2-Dichloroethane
Concen: 21.603 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Tgt Ion: 62 Resp: 38927
Ion Ratio Lower Upper
62 100
98 10.5 0.0 15.8





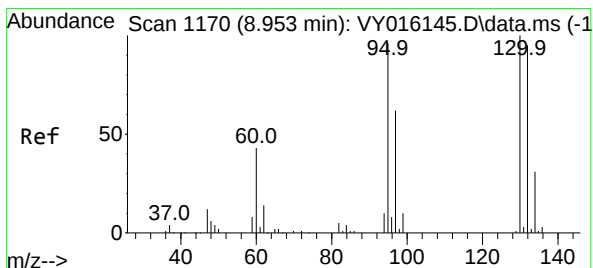
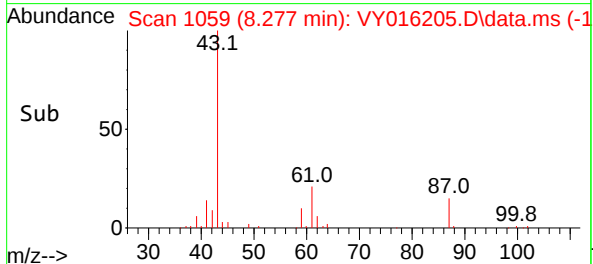
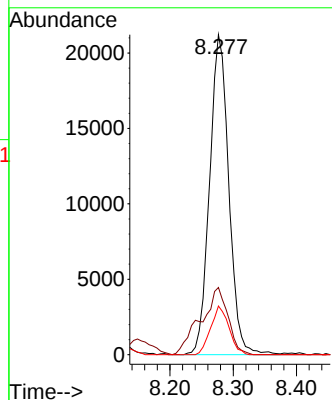
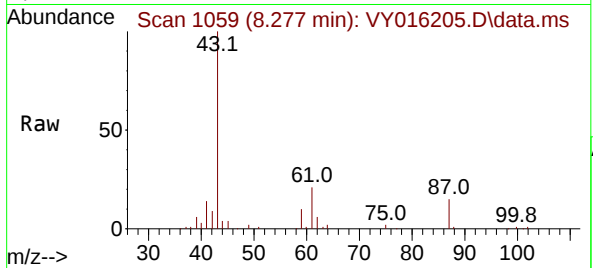
#43
Isopropyl Acetate
Concen: 22.644 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

Tgt Ion: 43 Resp: 44870
Ion Ratio Lower Upper
43 100
61 29.6 21.1 31.7
87 14.4 9.8 14.8

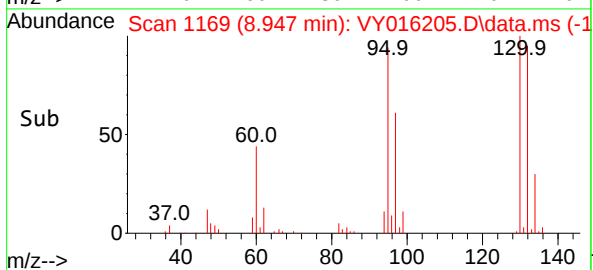
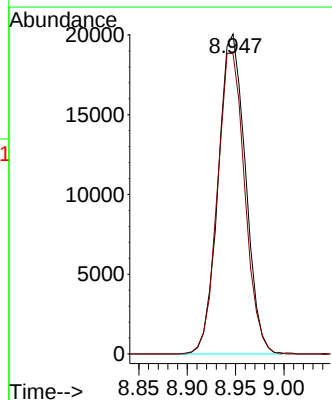
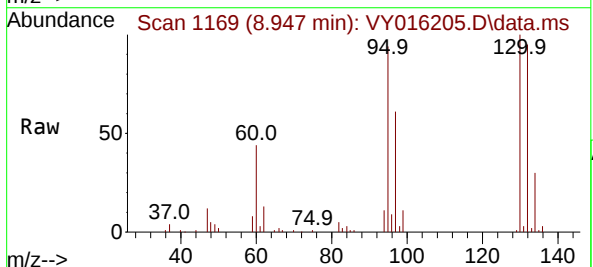
Manual Integrations
APPROVED

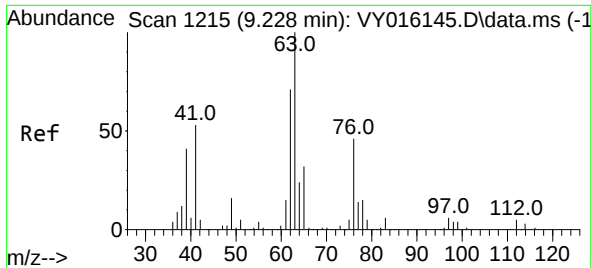
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#44
Trichloroethene
Concen: 20.782 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Tgt Ion:130 Resp: 39270
Ion Ratio Lower Upper
130 100
95 93.9 0.0 196.0





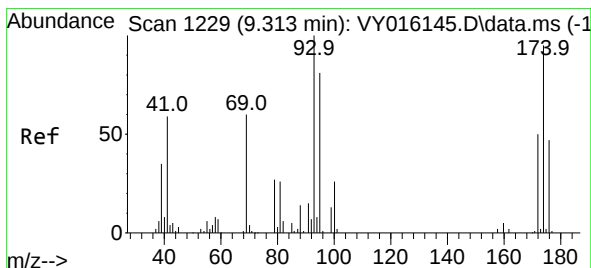
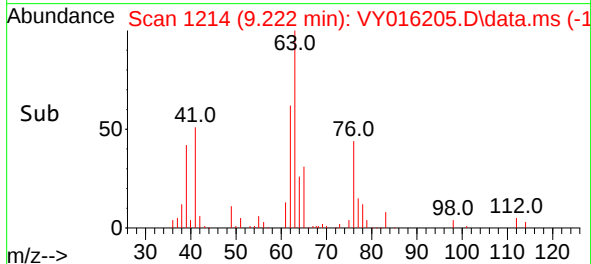
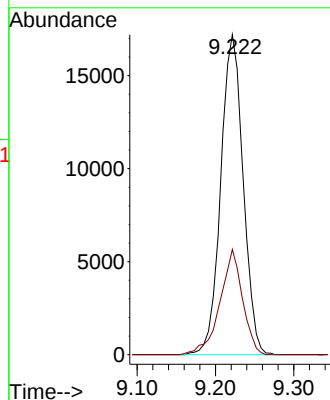
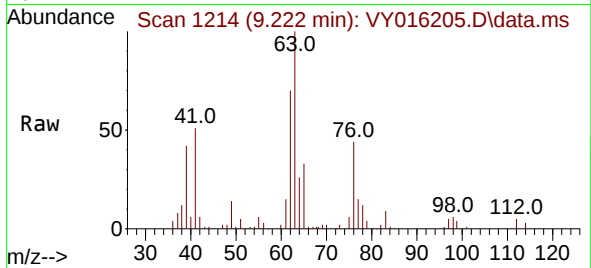
#45
1,2-Dichloropropane
Concen: 22.003 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

Tgt Ion: 63 Resp: 34178
Ion Ratio Lower Upper
63 100
65 32.9 23.8 35.6

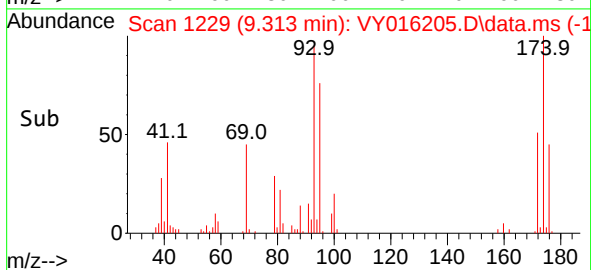
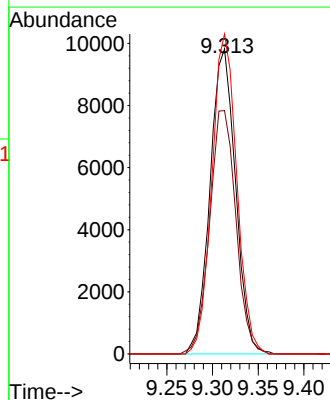
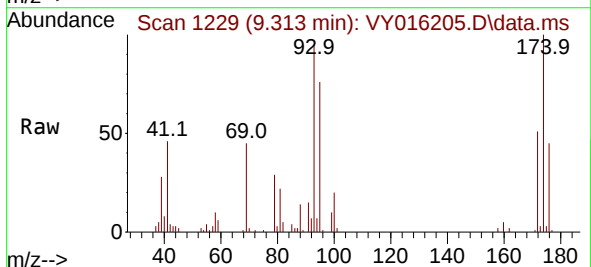
Manual Integrations
APPROVED

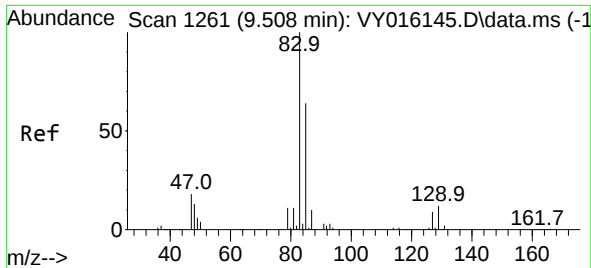
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#46
Dibromomethane
Concen: 21.616 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Tgt Ion: 93 Resp: 19047
Ion Ratio Lower Upper
93 100
95 82.0 66.6 100.0
174 102.3 84.8 127.2





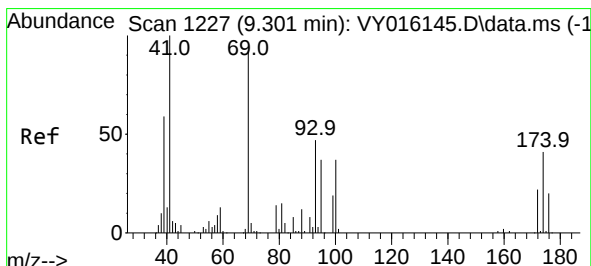
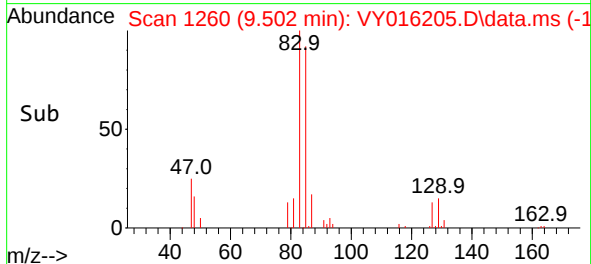
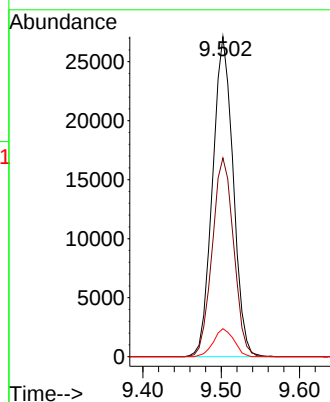
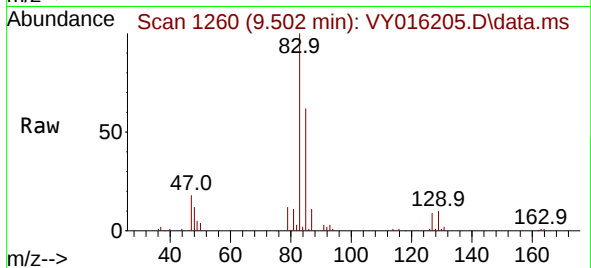
#47
Bromodichloromethane
Concen: 22.127 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01

Tgt Ion: 83 Resp: 49538
Ion Ratio Lower Upper
83 100
85 62.1 50.1 75.1
127 8.7 7.1 10.7

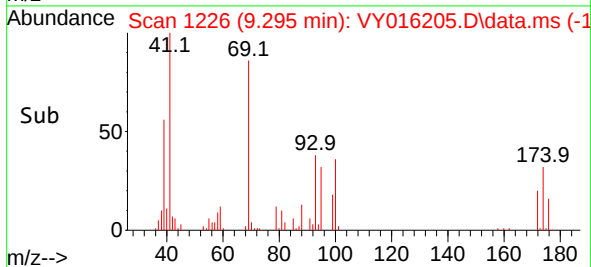
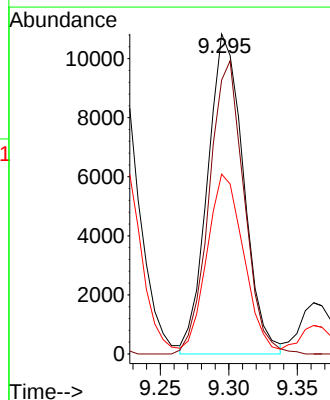
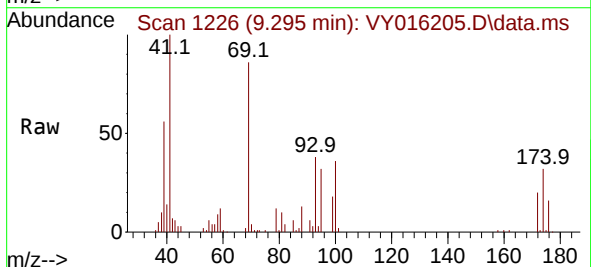
Manual Integrations
APPROVED

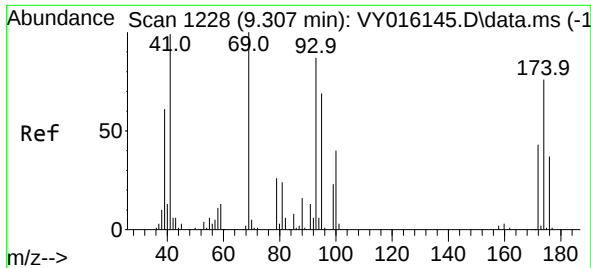
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#48
Methyl methacrylate
Concen: 21.951 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Tgt Ion: 41 Resp: 19779
Ion Ratio Lower Upper
41 100
69 88.8 64.5 96.7
39 54.7 50.8 76.2





#49

1,4-Dioxane

Concen: 298.531 ug/l

RT: 9.307 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016205.D

Acq: 03 Nov 2023 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBSD01

Tgt Ion: 88 Resp: 398

Ion Ratio Lower Upper

88 100

43 33.9 0.0 0.0

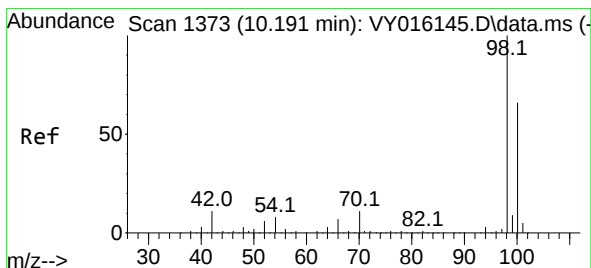
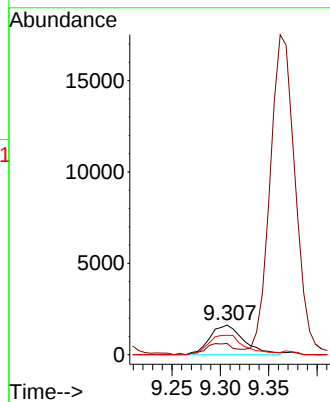
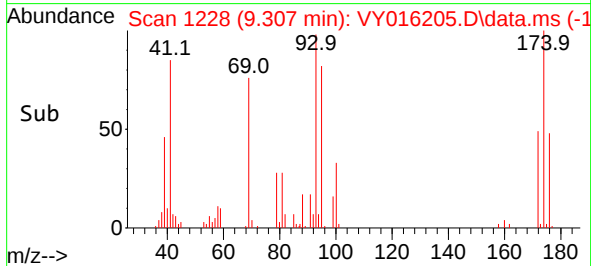
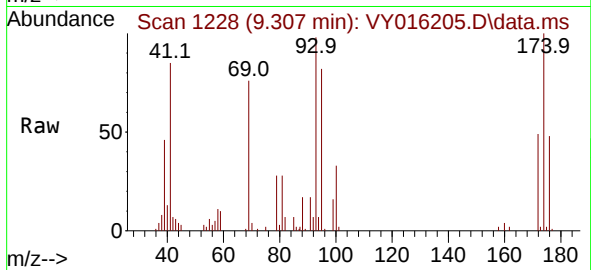
58 69.5 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#50

Toluene-d8

Concen: 53.190 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016205.D

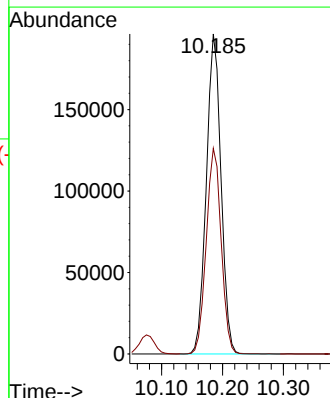
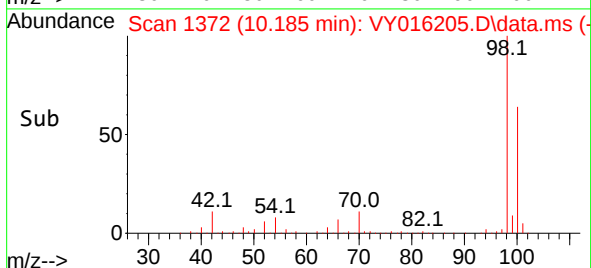
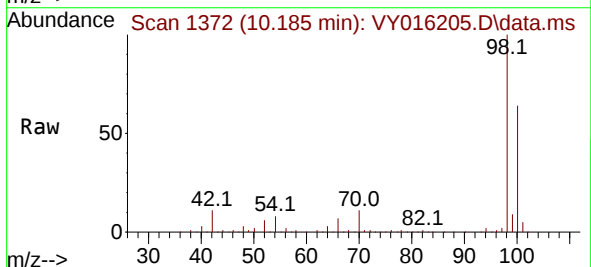
Acq: 03 Nov 2023 10:44

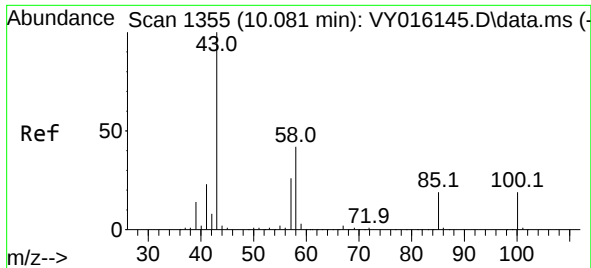
Tgt Ion: 98 Resp: 328476

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1





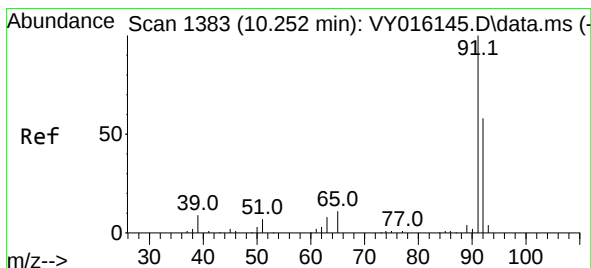
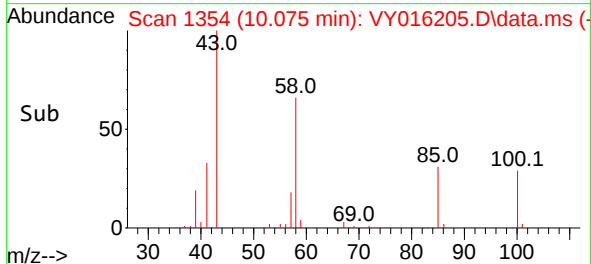
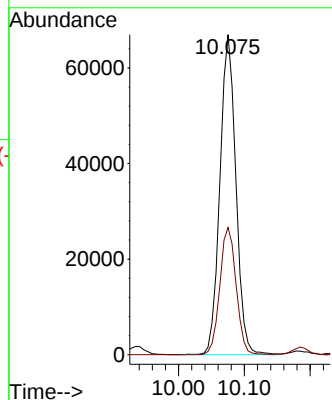
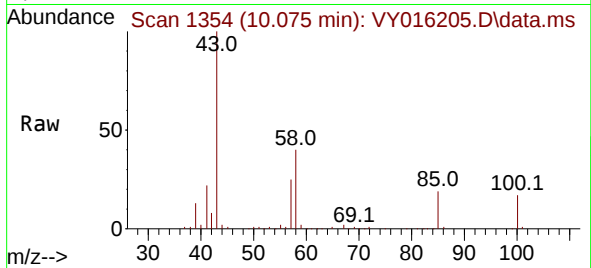
#51
4-Methyl-2-Pentanone
Concen: 114.551 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01

Tgt Ion: 43 Resp: 113259
Ion Ratio Lower Upper
43 100
58 40.4 29.0 43.6

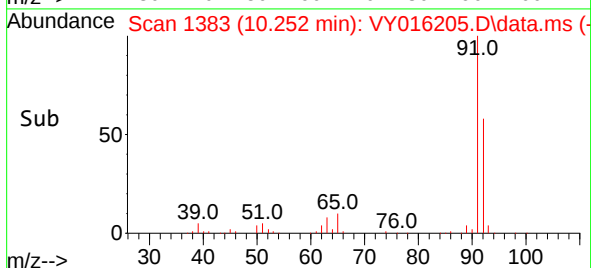
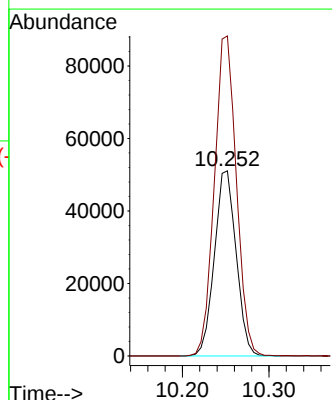
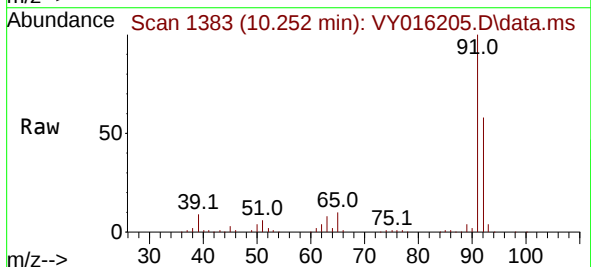
Manual Integrations
APPROVED

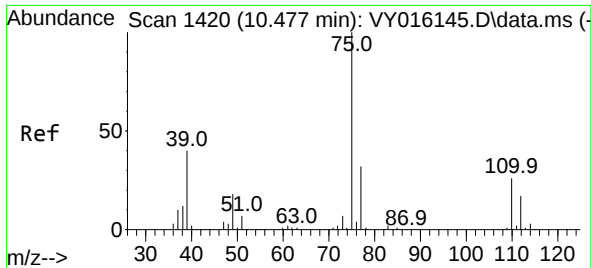
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#52
Toluene
Concen: 21.281 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Tgt Ion: 92 Resp: 89041
Ion Ratio Lower Upper
92 100
91 174.9 143.8 215.6





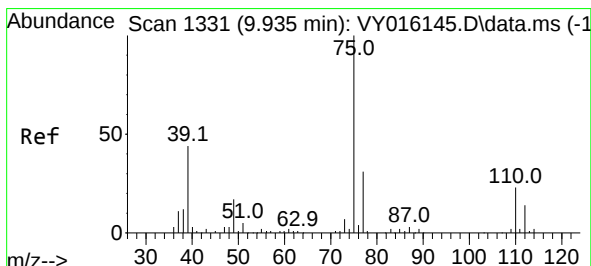
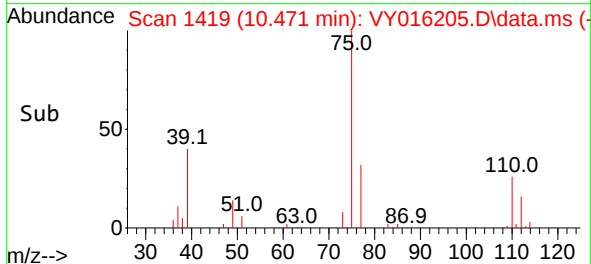
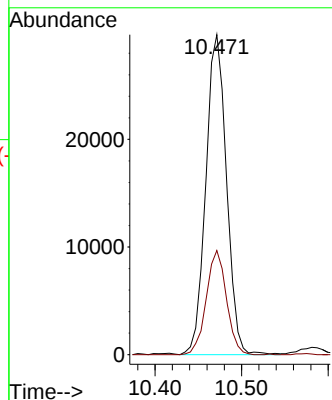
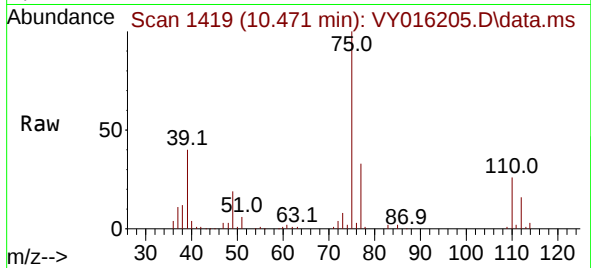
#53
 t-1,3-Dichloropropene
 Concen: 22.078 ug/l
 RT: 10.471 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VY016205.D
 Acq: 03 Nov 2023 10:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS01

Tgt Ion: 75 Resp: 4934
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.0 37.4

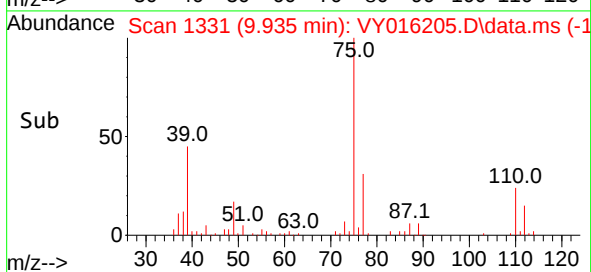
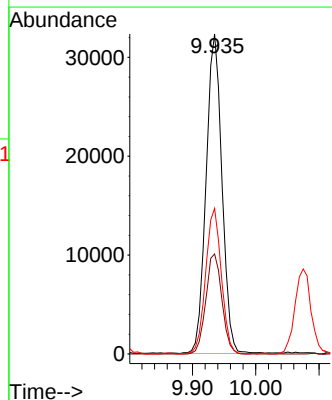
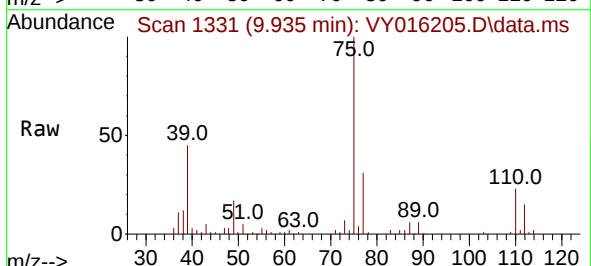
Manual Integrations
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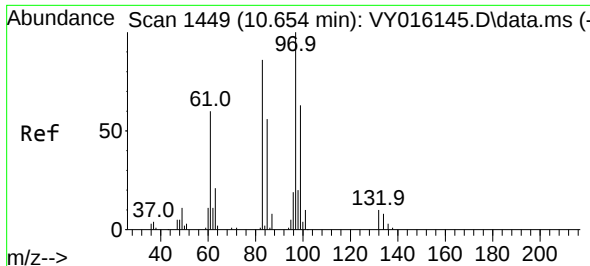
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#54
 cis-1,3-Dichloropropene
 Concen: 21.521 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.000 min
 Lab File: VY016205.D
 Acq: 03 Nov 2023 10:44

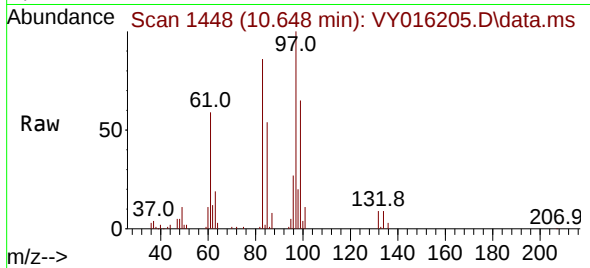
Tgt Ion: 75 Resp: 56440
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.2 36.4
 39 45.6 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 22.030 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

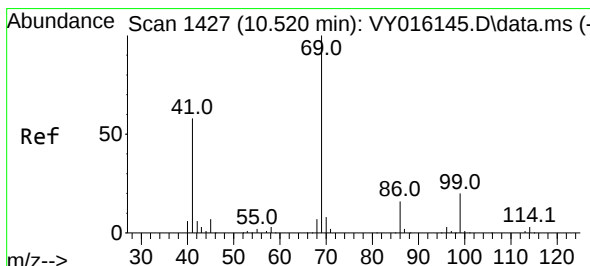
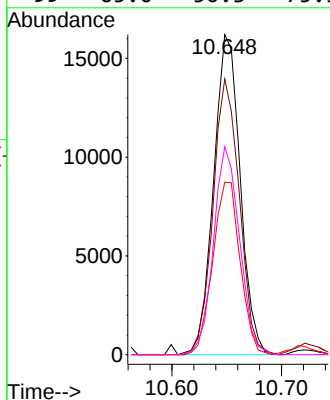
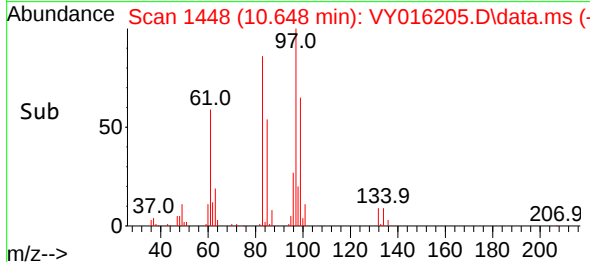
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.2	72.0	108.0
85	53.9	45.4	68.0
99	65.0	50.3	75.5

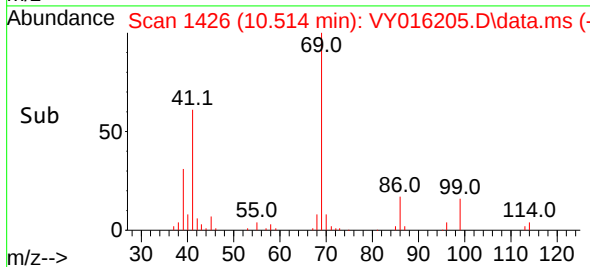
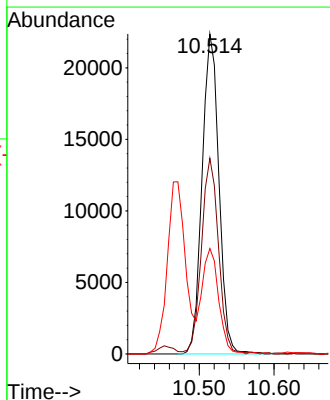
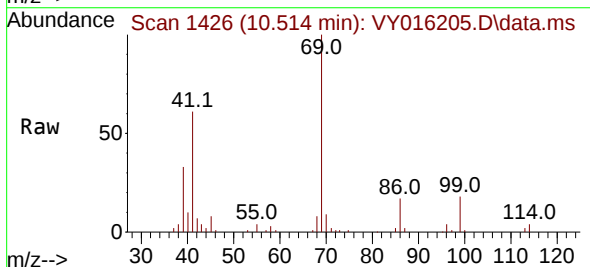
Manual Integrations
APPROVED

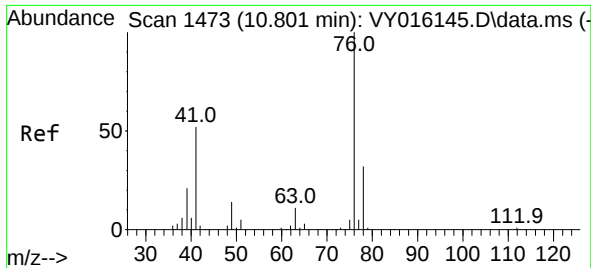
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#56
Ethyl methacrylate
Concen: 21.733 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.2	57.6	86.4
39	32.0	34.1	51.1





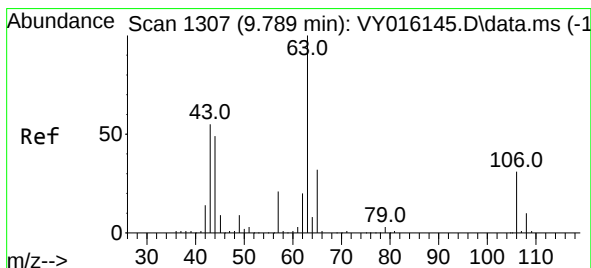
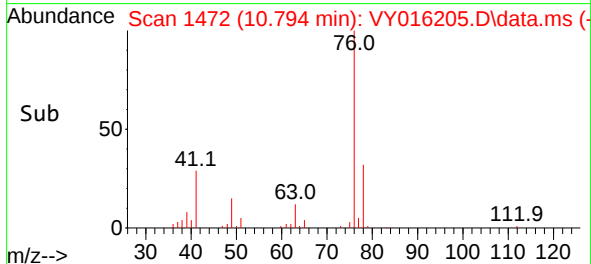
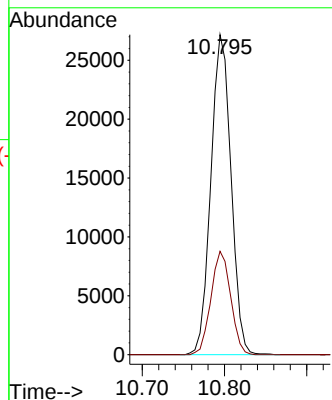
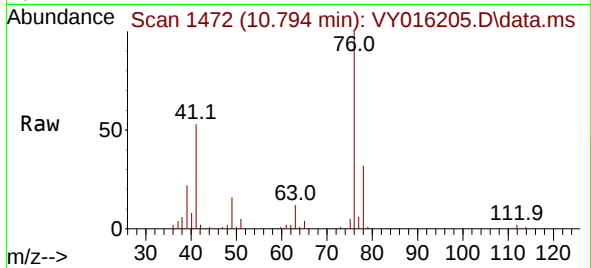
#57
1,3-Dichloropropane
Concen: 21.916 ug/l
RT: 10.794 min Scan# 1473
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01

Tgt Ion: 76 Resp: 46244
Ion Ratio Lower Upper
76 100
78 31.6 25.3 37.9

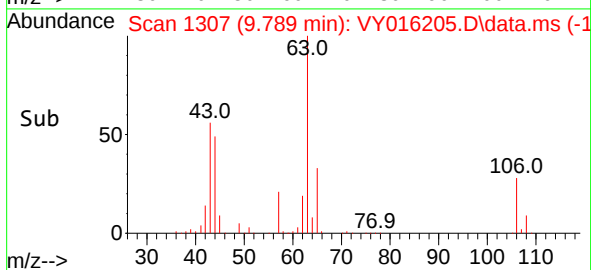
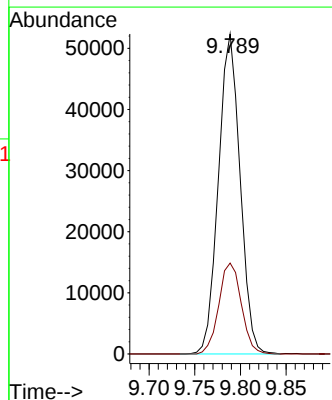
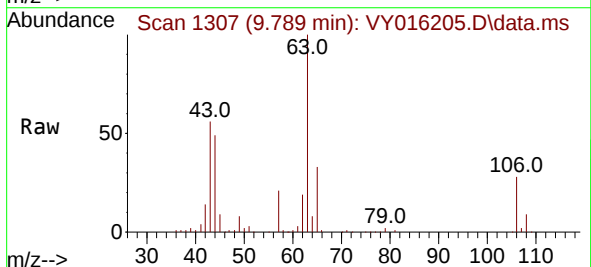
Manual Integrations
APPROVED

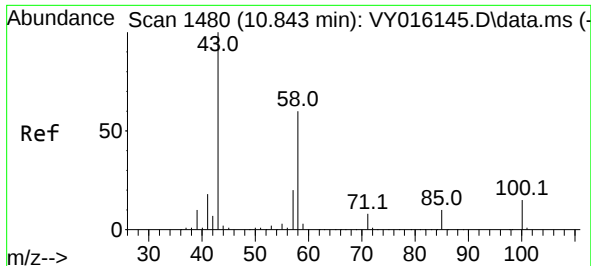
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#58
2-Chloroethyl Vinyl ether
Concen: 110.768 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Tgt Ion: 63 Resp: 86460
Ion Ratio Lower Upper
63 100
106 29.4 21.2 31.8





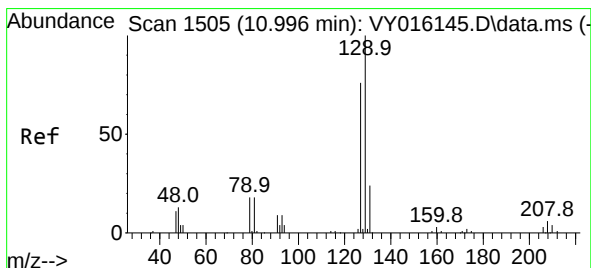
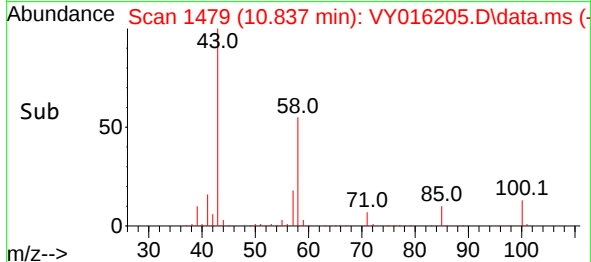
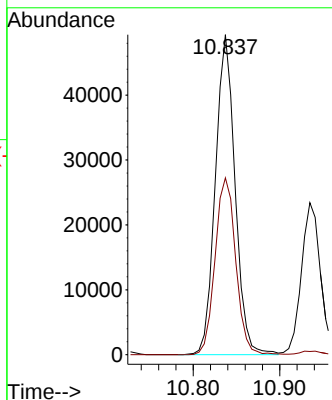
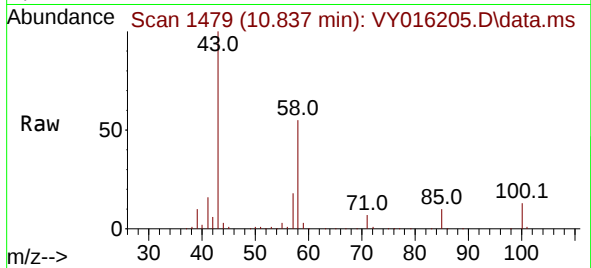
#59
2-Hexanone
Concen: 115.003 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

Tgt Ion: 43 Resp: 77918
Ion Ratio Lower Upper
43 100
58 57.8 25.1 75.3

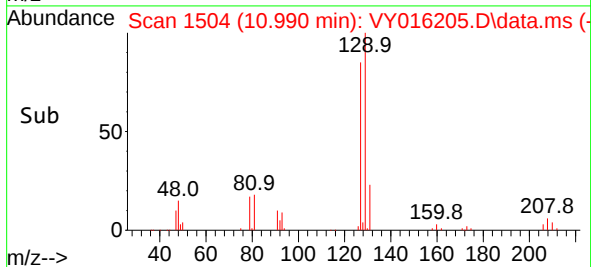
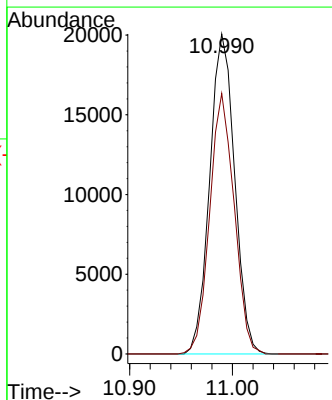
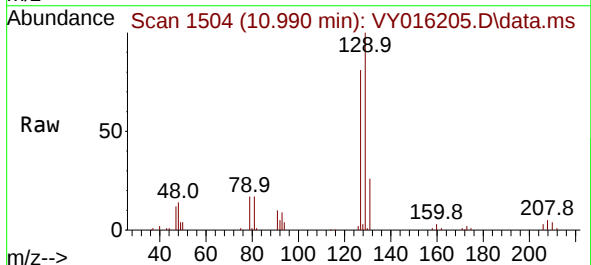
Manual Integrations
APPROVED

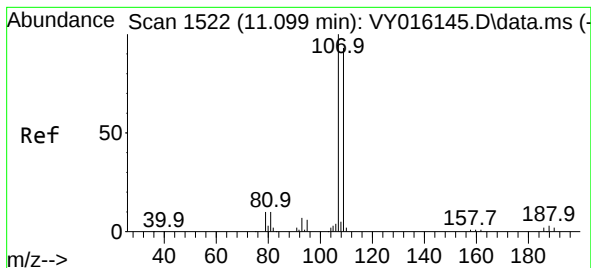
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#60
Dibromochloromethane
Concen: 21.751 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

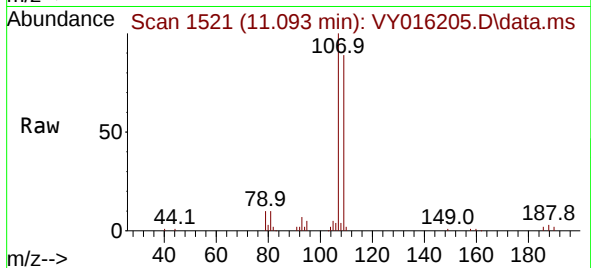
Tgt Ion:129 Resp: 33822
Ion Ratio Lower Upper
129 100
127 79.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 21.875 ug/l
RT: 11.093 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

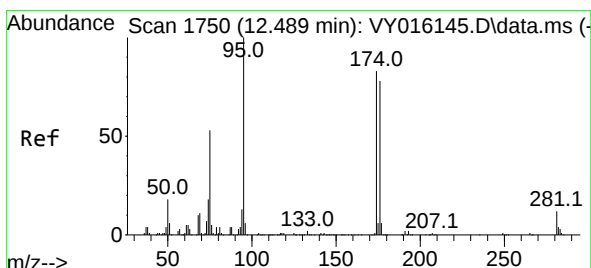
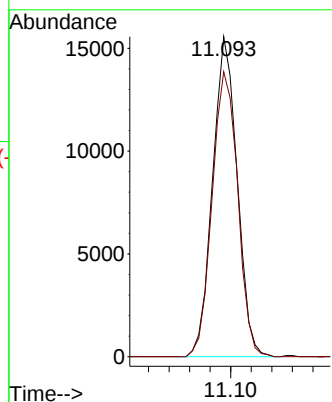
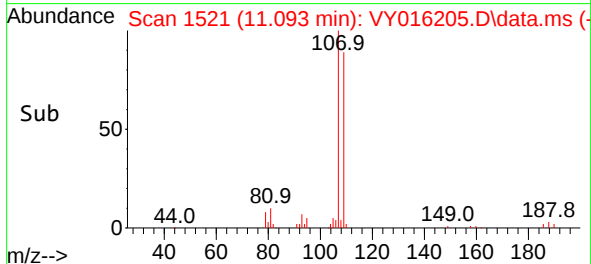
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01



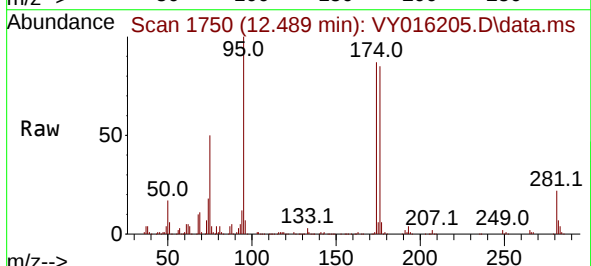
Tgt Ion:107 Resp: 25790
Ion Ratio Lower Upper
107 100
109 92.7 75.6 113.4

Manual Integrations
APPROVED

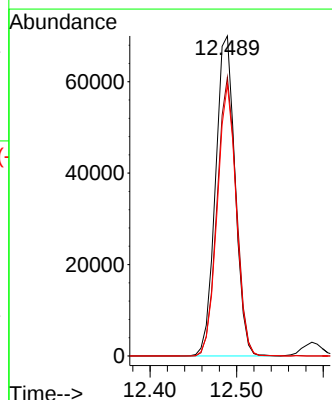
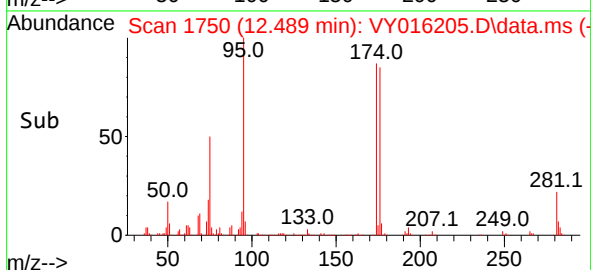
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

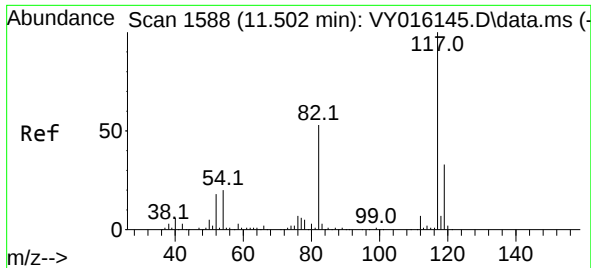


#62
4-Bromofluorobenzene
Concen: 52.037 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44



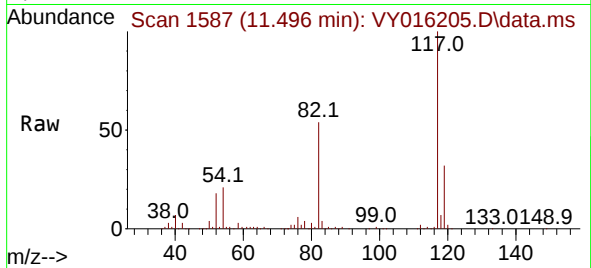
Tgt Ion: 95 Resp: 109885
Ion Ratio Lower Upper
95 100
174 85.6 0.0 178.2
176 82.2 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

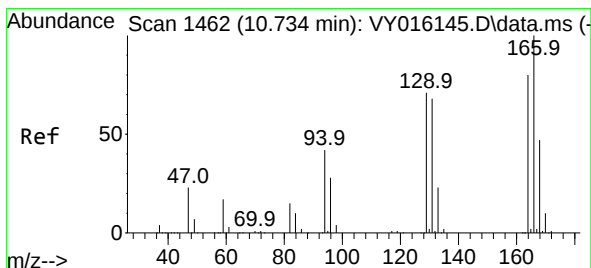
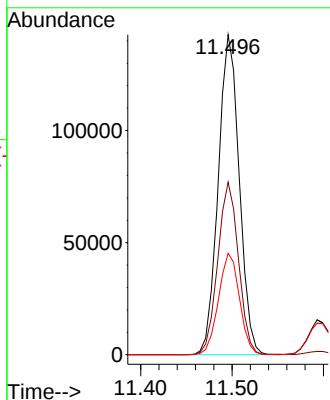
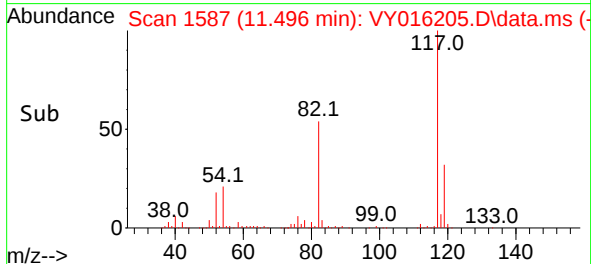
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01



Tgt Ion:117 Resp: 228290
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 31.7 26.3 39.5

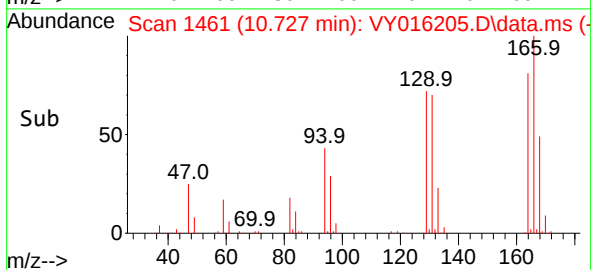
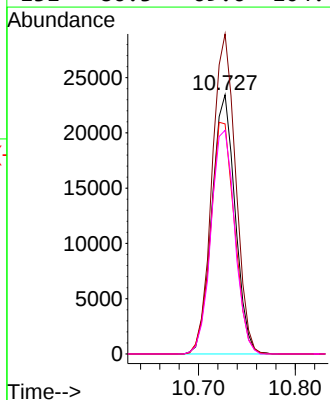
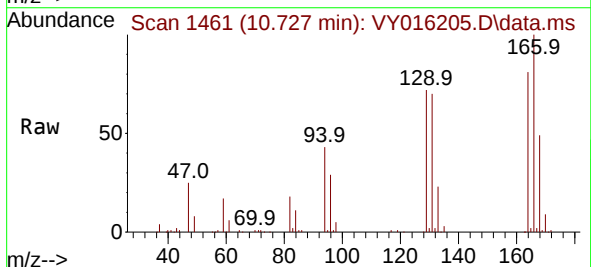
Manual Integrations
APPROVED

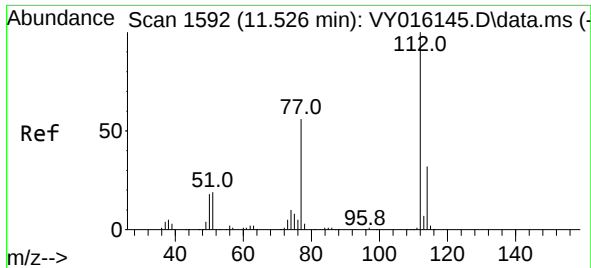
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#64
Tetrachloroethene
Concen: 19.306 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Tgt Ion:164 Resp: 39204
Ion Ratio Lower Upper
164 100
166 123.5 103.0 154.6
129 88.8 77.2 115.8
131 86.3 69.6 104.4





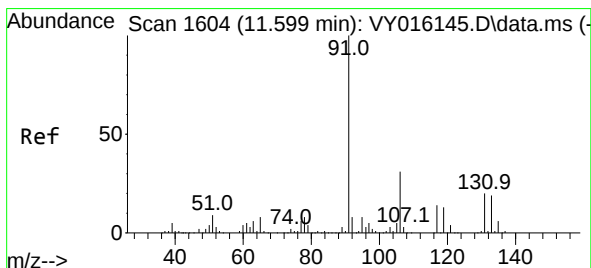
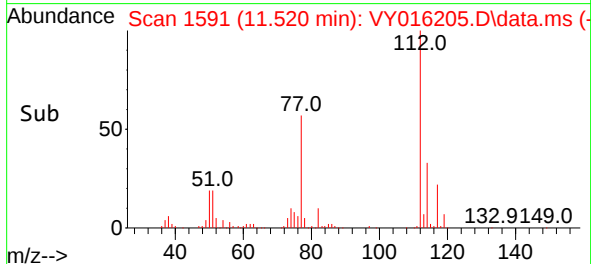
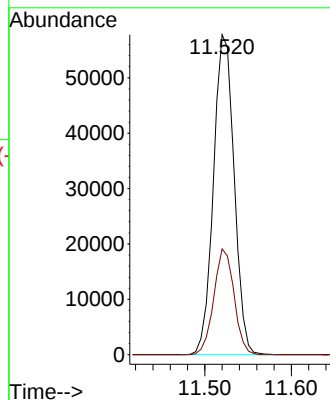
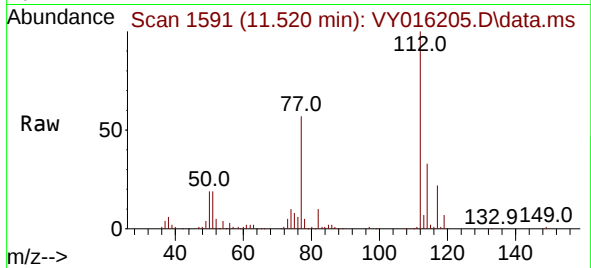
#65
Chlorobenzene
Concen: 21.115 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01

Tgt Ion:112 Resp: 9576
Ion Ratio Lower Upper
112 100
114 33.1 25.5 38.3

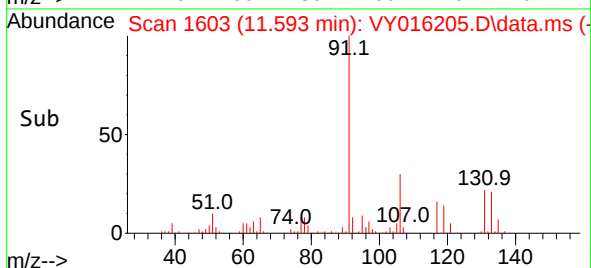
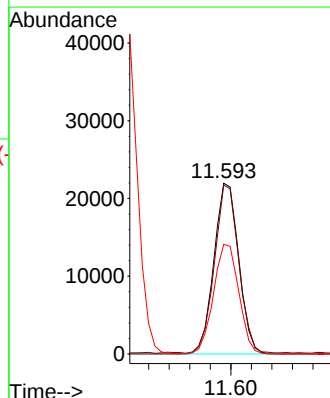
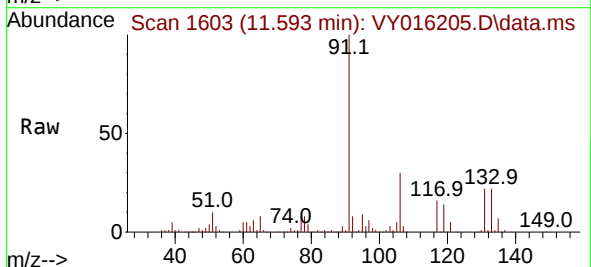
Manual Integrations
APPROVED

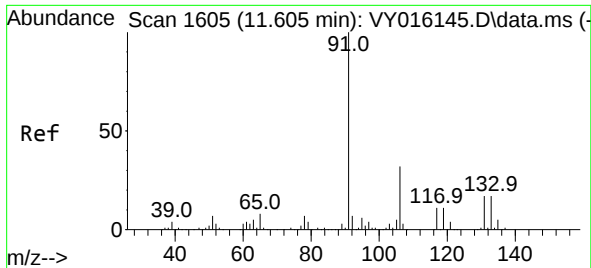
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.861 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Tgt Ion:131 Resp: 36725
Ion Ratio Lower Upper
131 100
133 96.3 47.5 142.6
119 65.6 31.6 94.7





#67

Ethyl Benzene

Concen: 21.124 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.006 min

Lab File: VY016205.D

Acq: 03 Nov 2023 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBSD01

Tgt Ion: 91 Resp: 171370

Ion Ratio Lower Upper

91 100

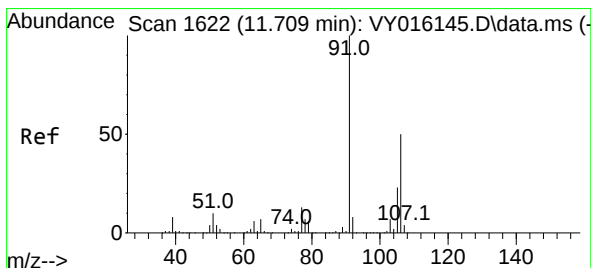
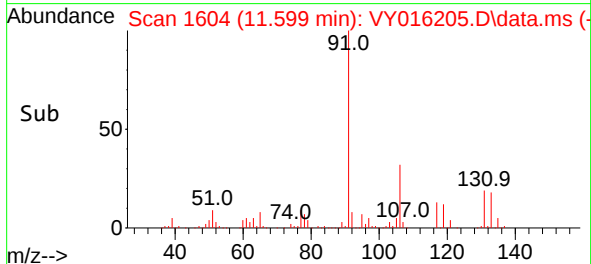
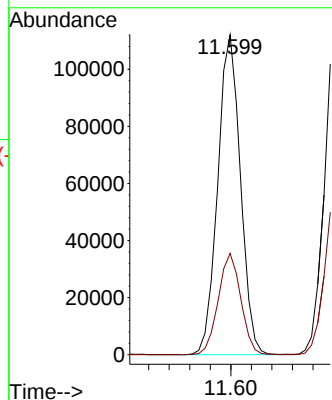
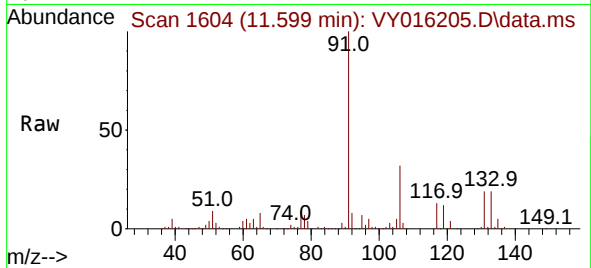
106 31.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#68

m/p-Xylenes

Concen: 41.996 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY016205.D

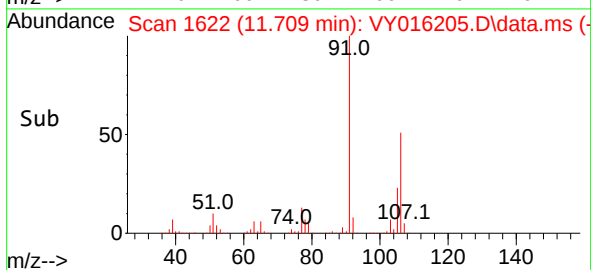
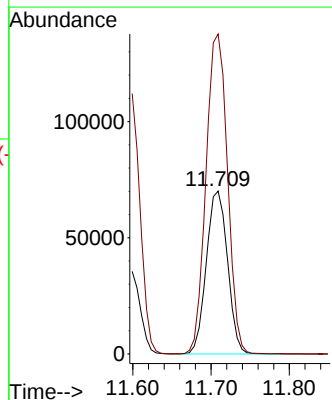
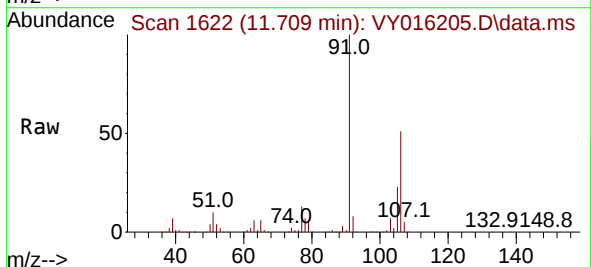
Acq: 03 Nov 2023 10:44

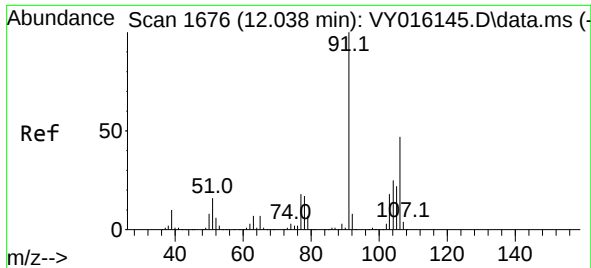
Tgt Ion:106 Resp: 131648

Ion Ratio Lower Upper

106 100

91 199.0 166.1 249.1





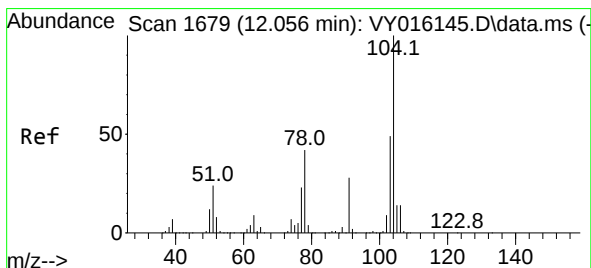
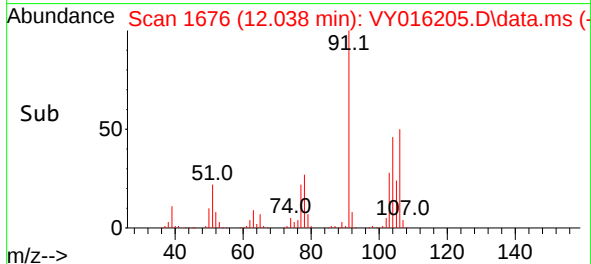
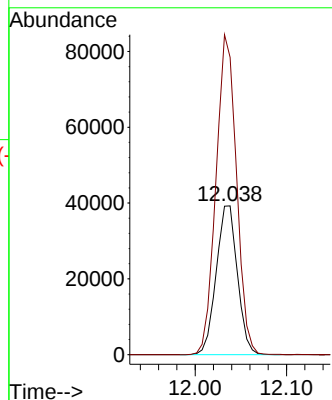
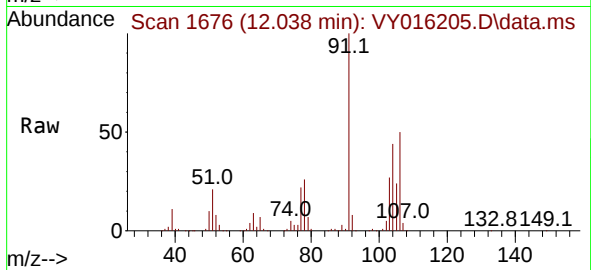
#69
o-Xylene
Concen: 21.126 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01

Tgt Ion:106 Resp: 6323
Ion Ratio Lower Upper
106 100
91 208.3 108.1 324.3

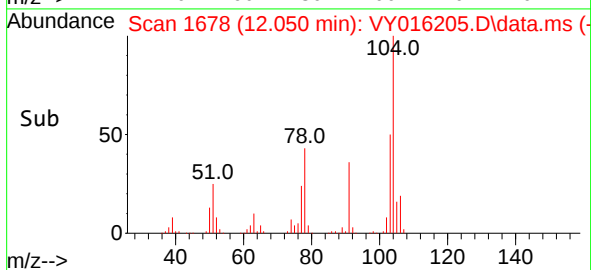
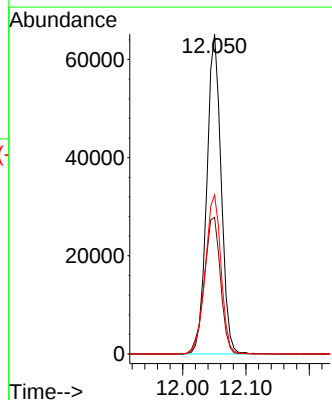
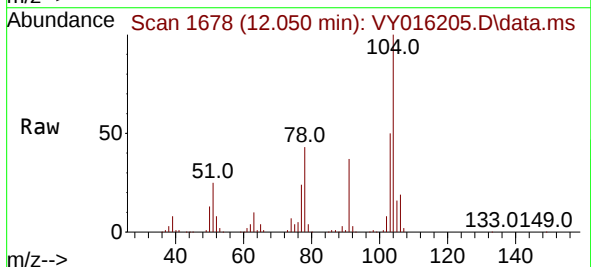
Manual Integrations
APPROVED

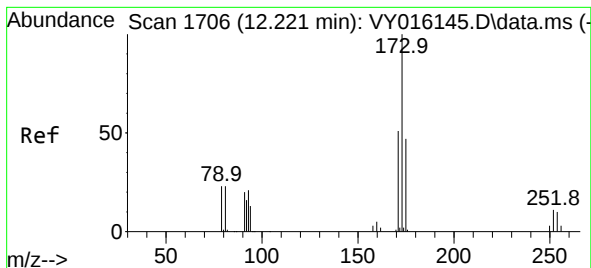
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#70
Styrene
Concen: 20.656 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Tgt Ion:104 Resp: 102776
Ion Ratio Lower Upper
104 100
78 48.4 41.5 62.3
103 54.7 44.6 67.0





#71

Bromoform

Concen: 21.674 ug/l

RT: 12.215 min Scan# 1706

Delta R.T. -0.006 min

Lab File: VY016205.D

Acq: 03 Nov 2023 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

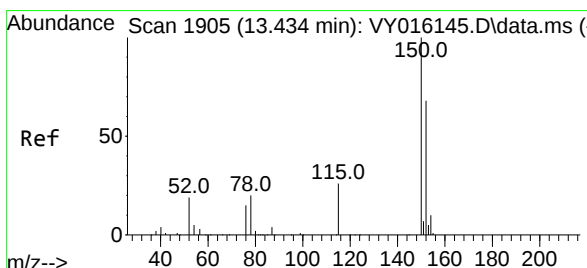
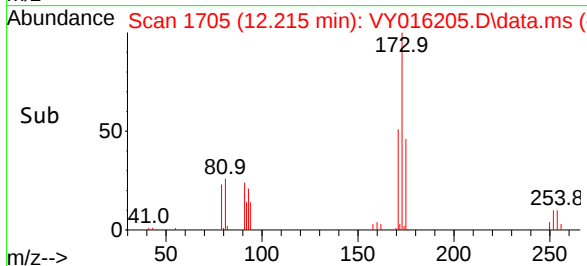
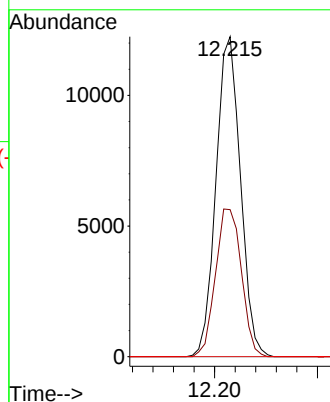
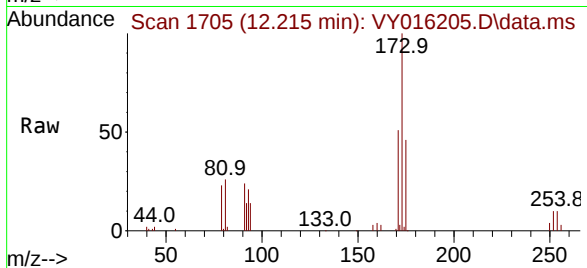
Tgt Ion:	173	Resp:	2019
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.6	73.8
254	0.0	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

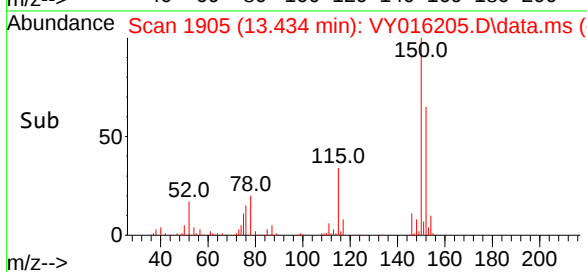
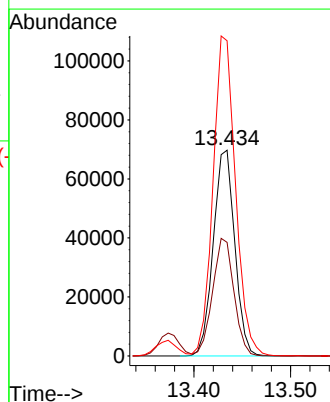
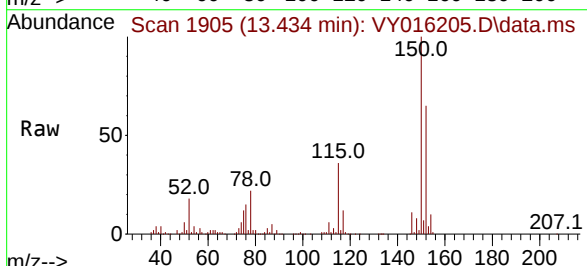
RT: 13.434 min Scan# 1905

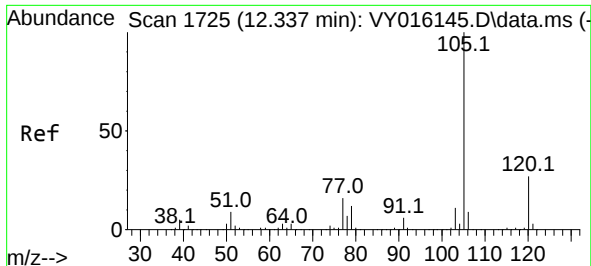
Delta R.T. 0.000 min

Lab File: VY016205.D

Acq: 03 Nov 2023 10:44

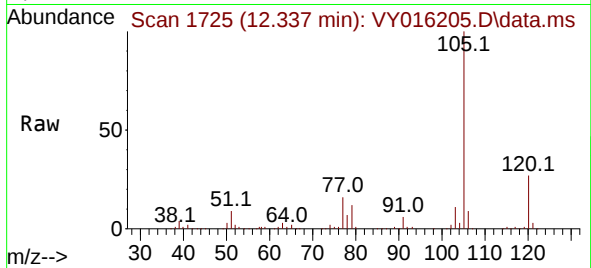
Tgt Ion:	152	Resp:	107691
Ion Ratio	Lower	Upper	
152	100		
115	57.0	28.8	86.5
150	162.1	0.0	348.8





#73
Isopropylbenzene
Concen: 20.659 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

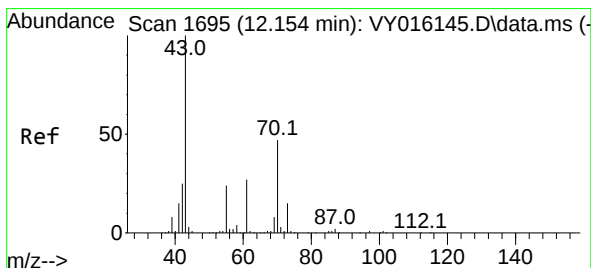
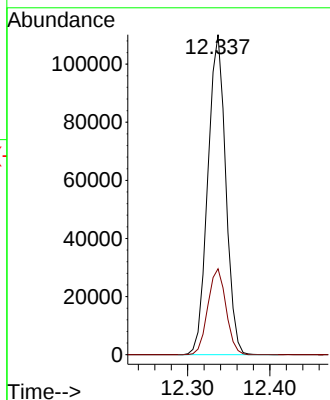
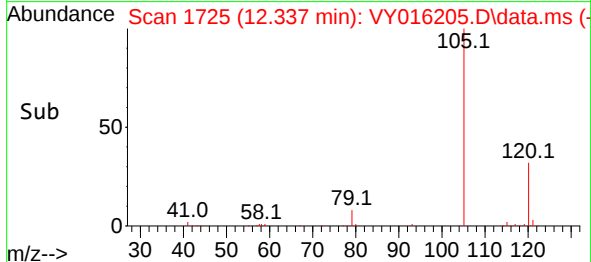
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01



Tgt Ion:105 Resp: 166880
Ion Ratio Lower Upper
105 100
120 27.2 13.3 39.9

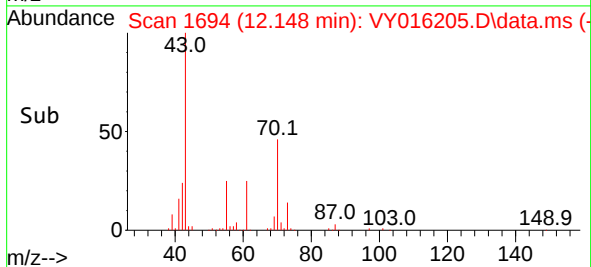
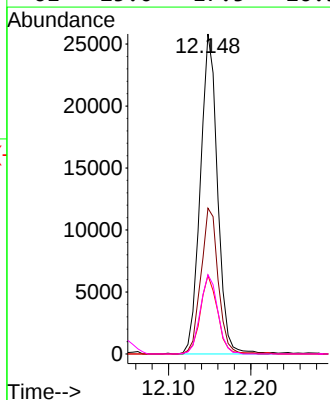
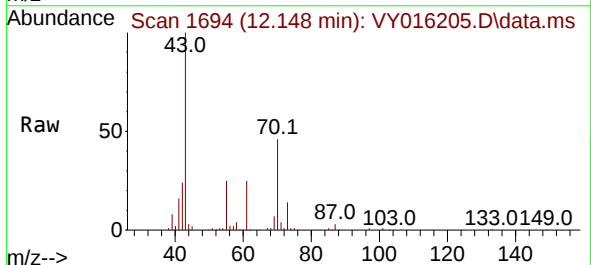
Manual Integrations
APPROVED

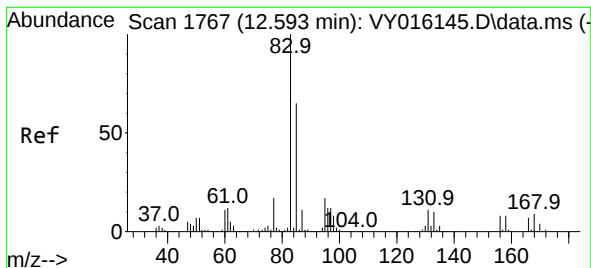
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#74
N-ethyl acetate
Concen: 21.376 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Tgt Ion: 43 Resp: 37524
Ion Ratio Lower Upper
43 100
70 45.4 29.7 44.5#
55 24.5 18.3 27.5
61 25.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 22.505 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY016205.D

Acq: 03 Nov 2023 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBSD01

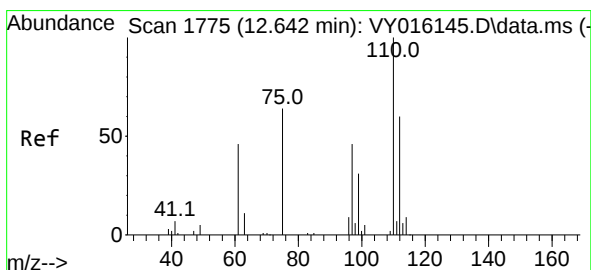
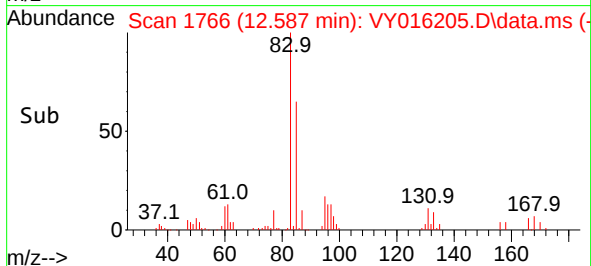
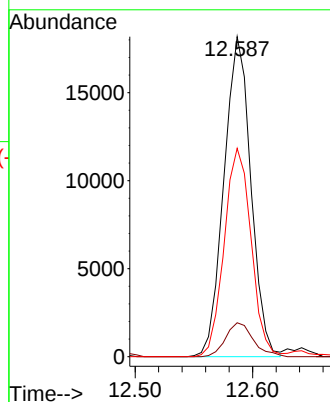
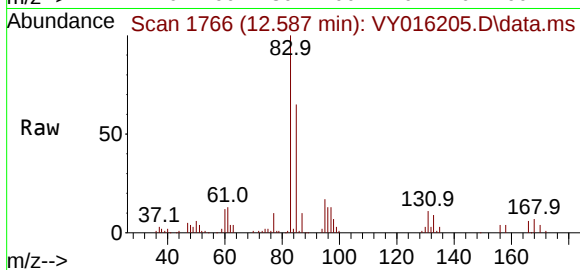
Tgt Ion: 83	Resp: 28929
Ion Ratio	Lower Upper
83 100	
131 10.9	5.4 16.2
85 65.0	31.8 95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#76

1,2,3-Trichloropropane

Concen: 22.062 ug/l m

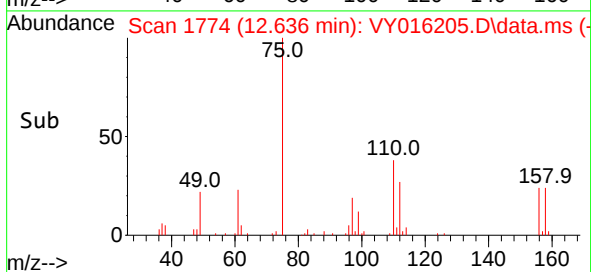
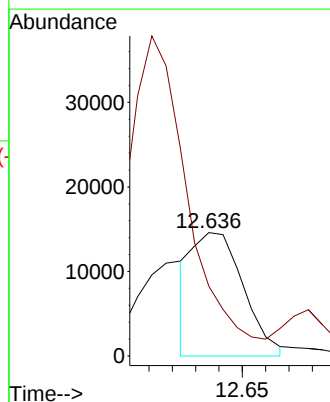
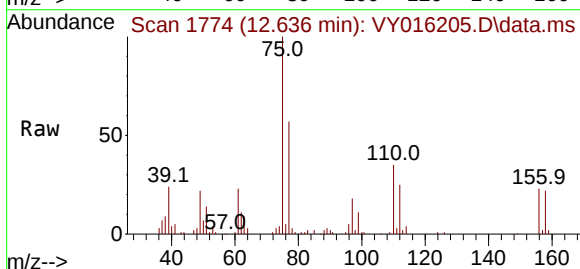
RT: 12.636 min Scan# 1774

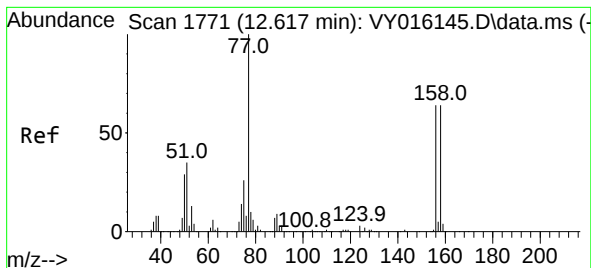
Delta R.T. -0.006 min

Lab File: VY016205.D

Acq: 03 Nov 2023 10:44

Tgt Ion: 75	Resp: 22374
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





#77

Bromobenzene

Concen: 21.361 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016205.D

Acq: 03 Nov 2023 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBSD01

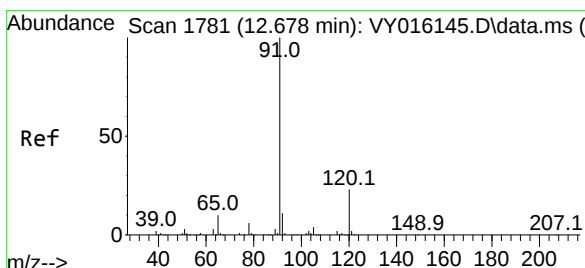
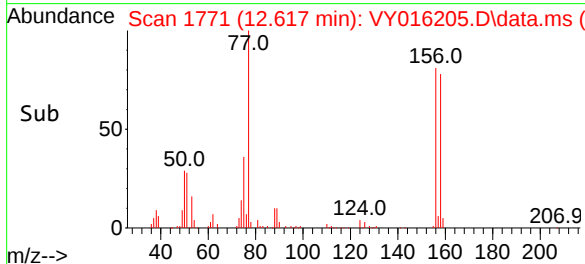
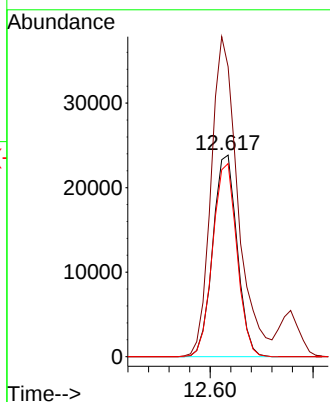
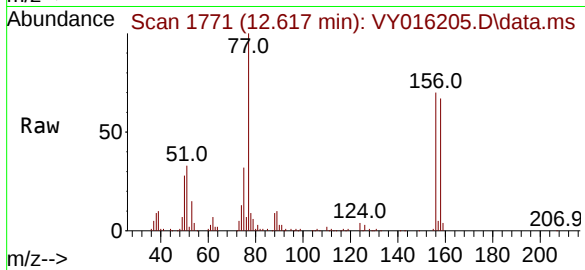
Tgt Ion:	156	Resp:	39072
Ion Ratio	Lower	Upper	
156	100		
77	175.7	92.8	278.6
158	95.7	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#78

n-propylbenzene

Concen: 20.991 ug/l

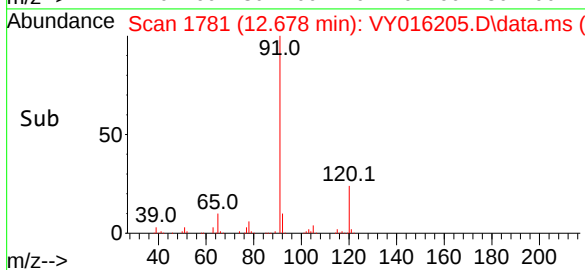
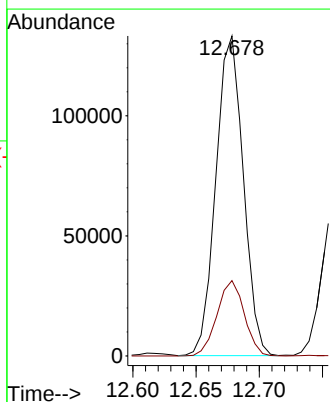
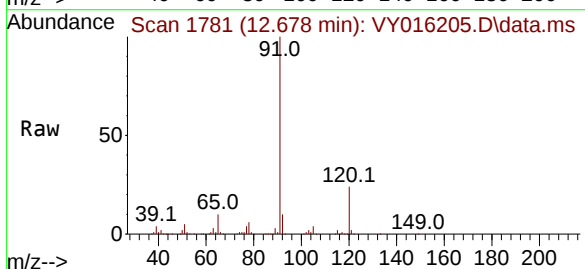
RT: 12.678 min Scan# 1781

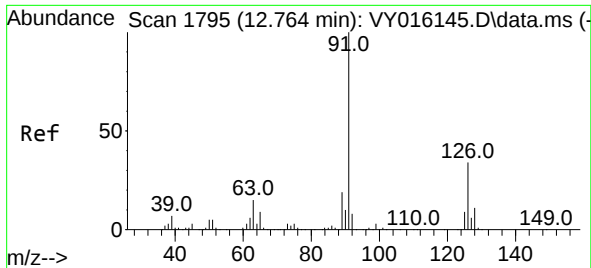
Delta R.T. -0.000 min

Lab File: VY016205.D

Acq: 03 Nov 2023 10:44

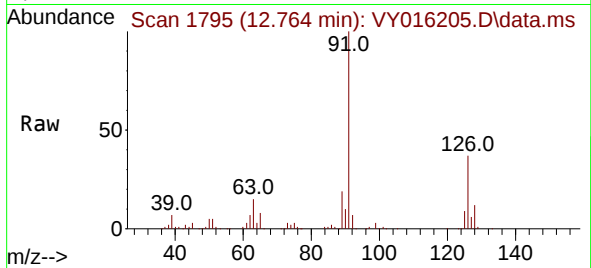
Tgt Ion:	91	Resp:	200475
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.5	34.4





#79
2-Chlorotoluene
Concen: 21.131 ug/l
RT: 12.764 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

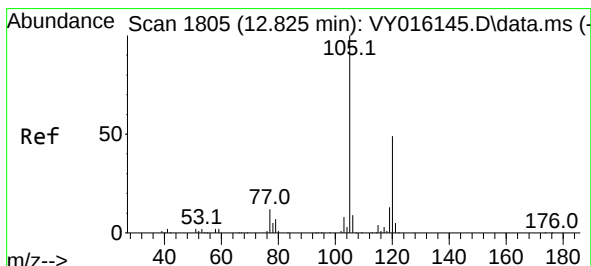
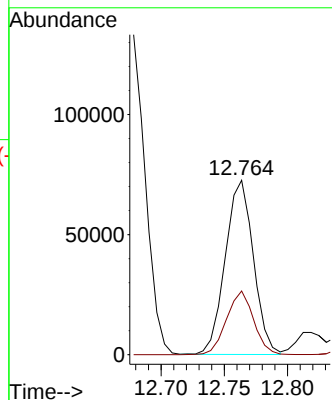
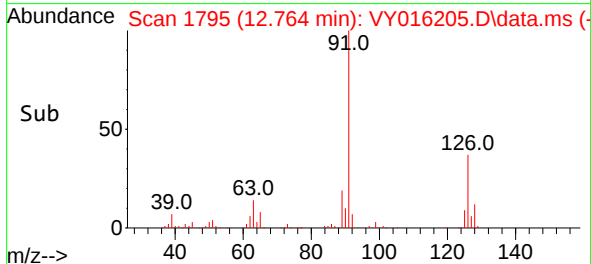
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01



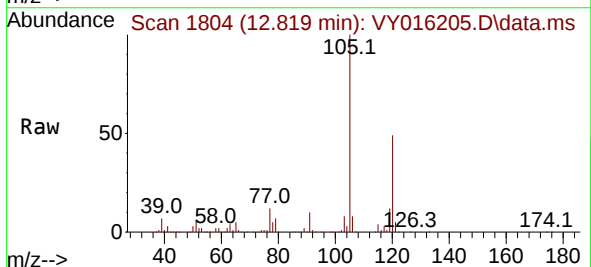
Tgt Ion: 91 Resp: 112558
Ion Ratio Lower Upper
91 100
126 35.1 17.3 51.7

Manual Integrations
APPROVED

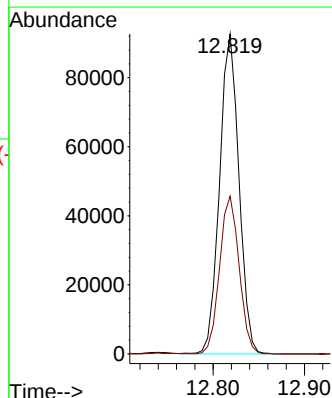
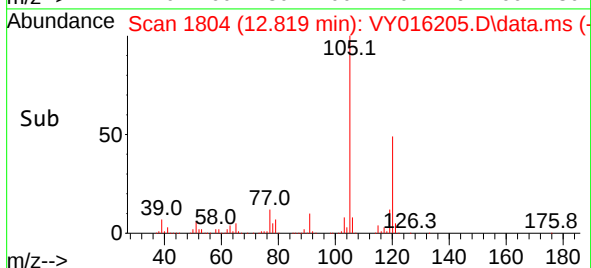
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

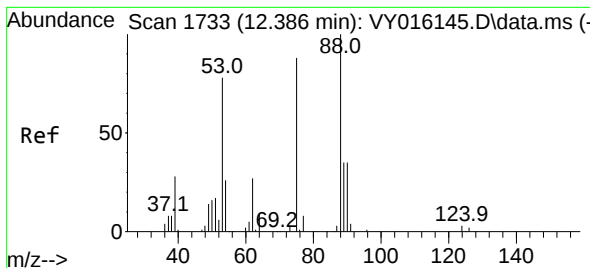


#80
1,3,5-Trimethylbenzene
Concen: 20.889 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44



Tgt Ion:105 Resp: 136709
Ion Ratio Lower Upper
105 100
120 49.8 23.9 71.7





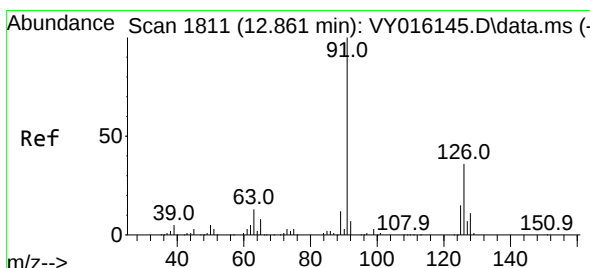
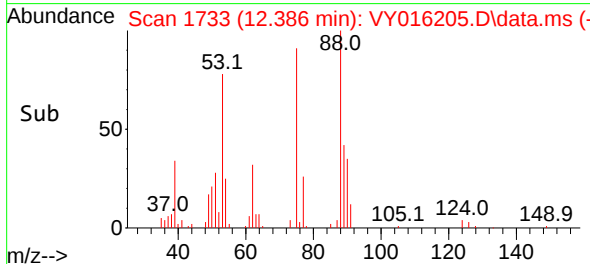
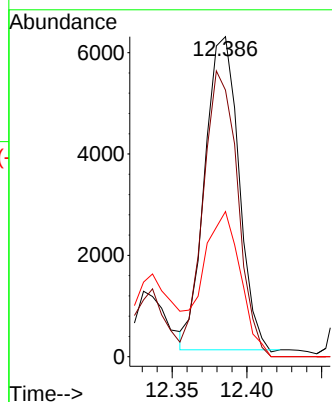
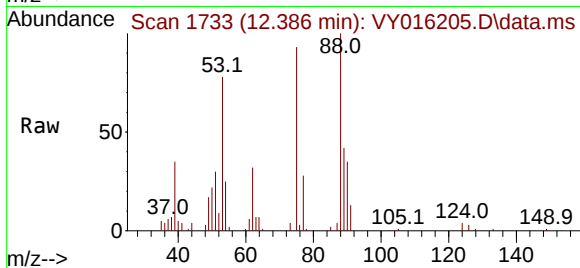
#81
trans-1,4-Dichloro-2-butene
Concen: 20.814 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01

Tgt Ion: 75 Resp: 973
Ion Ratio Lower Upper
75 100
53 92.6 77.8 116.8
89 52.8 37.4 56.0

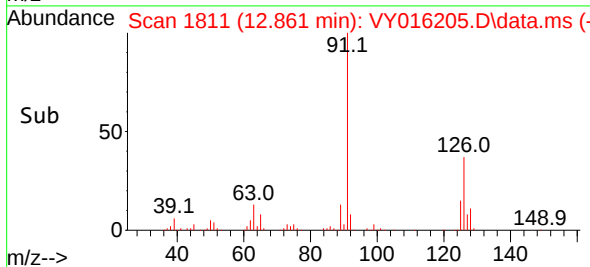
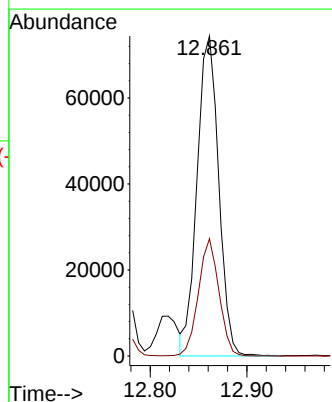
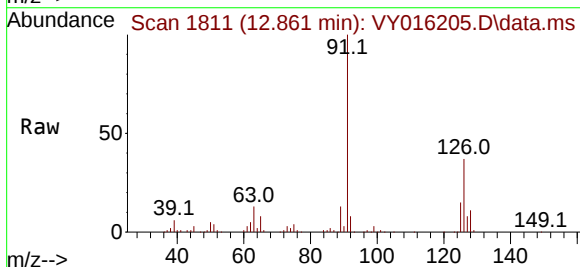
Manual Integrations
APPROVED

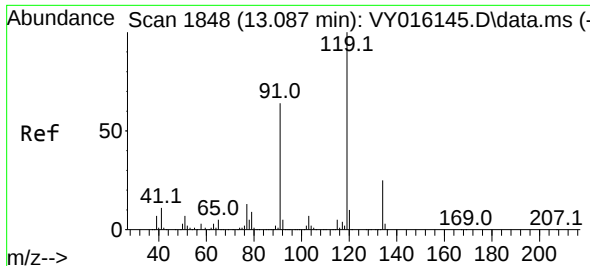
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#82
4-Chlorotoluene
Concen: 21.201 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Tgt Ion: 91 Resp: 115966
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





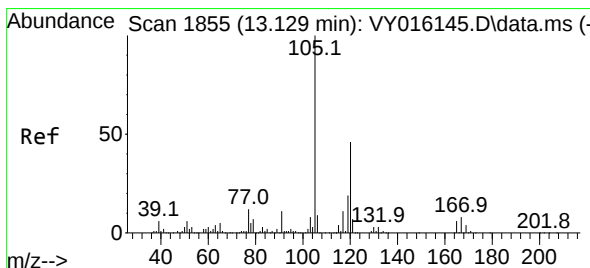
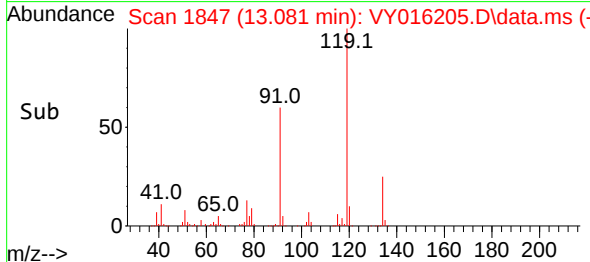
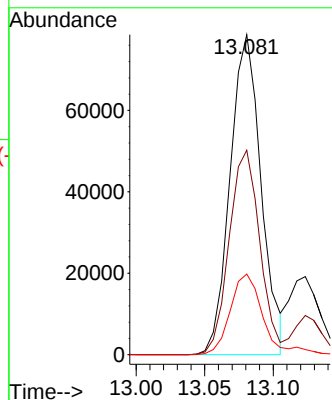
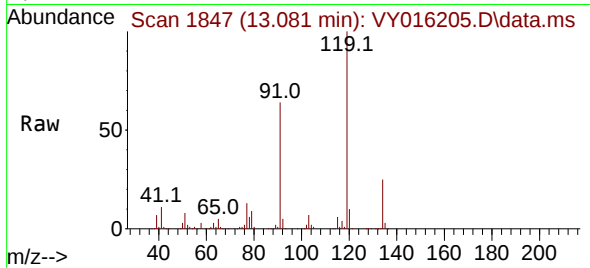
#83
tert-Butylbenzene
Concen: 21.174 ug/l
RT: 13.081 min Scan# 1199
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01

Tgt Ion:119 Resp: 123998
Ion Ratio Lower Upper
119 100
91 62.9 32.9 98.6
134 26.6 13.0 38.9

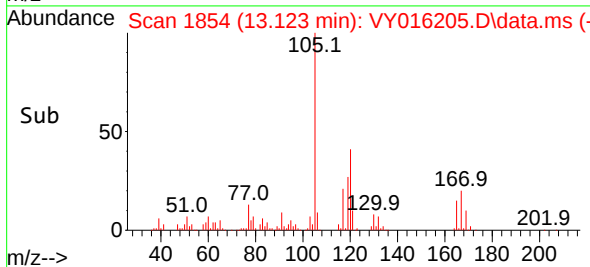
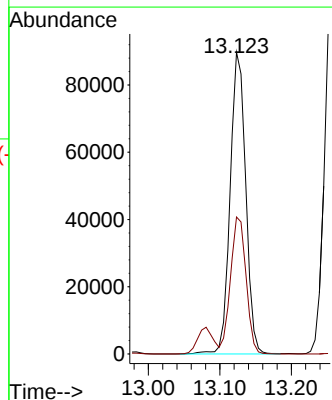
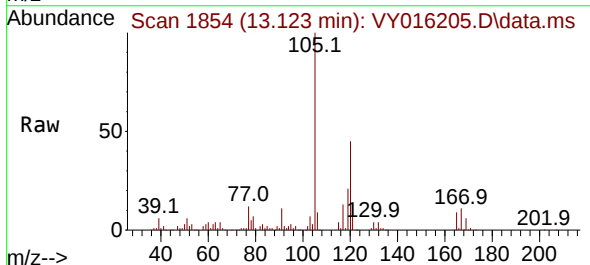
Manual Integrations
APPROVED

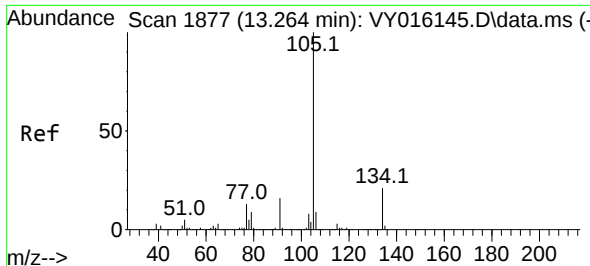
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.925 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Tgt Ion:105 Resp: 135507
Ion Ratio Lower Upper
105 100
120 45.4 22.2 66.6





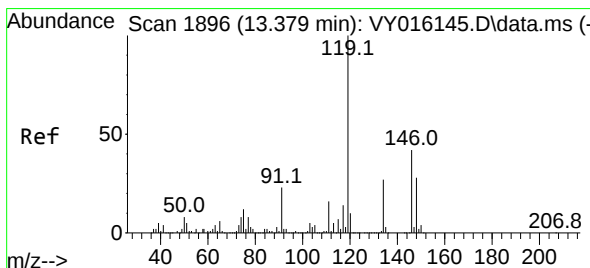
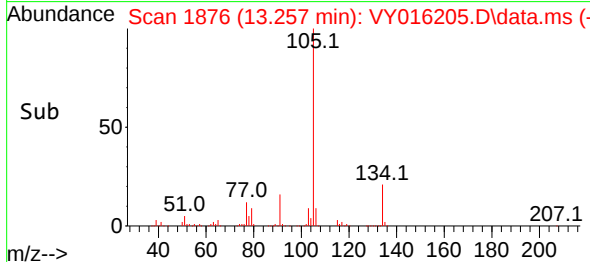
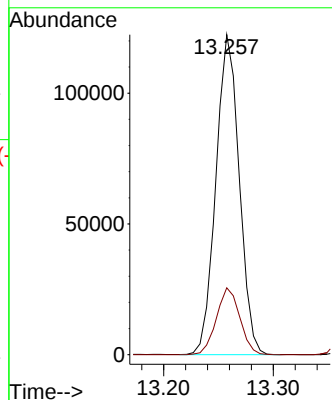
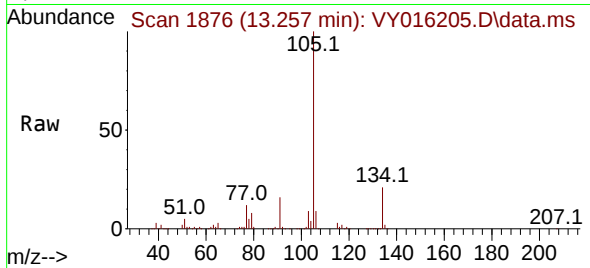
#85
 sec-Butylbenzene
 Concen: 21.089 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VY016205.D
 Acq: 03 Nov 2023 10:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBSD01

Tgt Ion:105 Resp: 18125
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.6

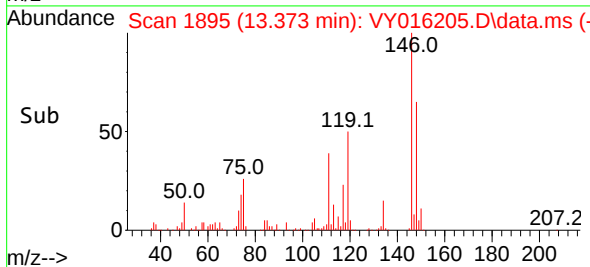
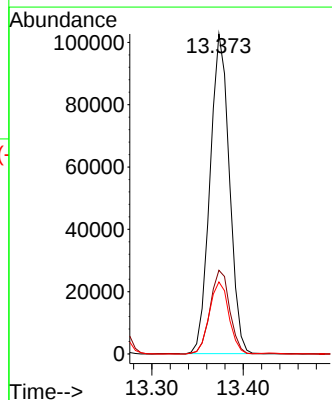
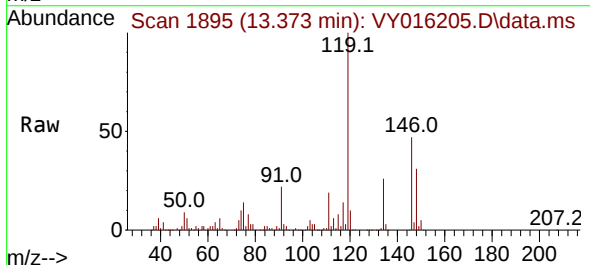
Manual Integrations
 APPROVED

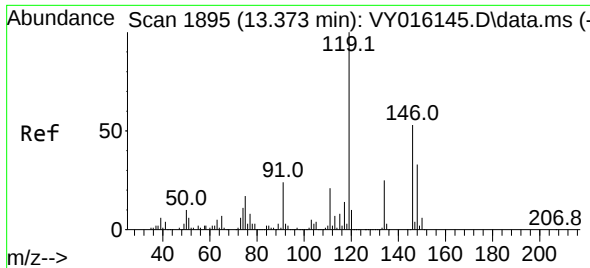
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#86
 p-Isopropyltoluene
 Concen: 21.226 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.006 min
 Lab File: VY016205.D
 Acq: 03 Nov 2023 10:44

Tgt Ion:119 Resp: 151200
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 22.8 12.4 37.4





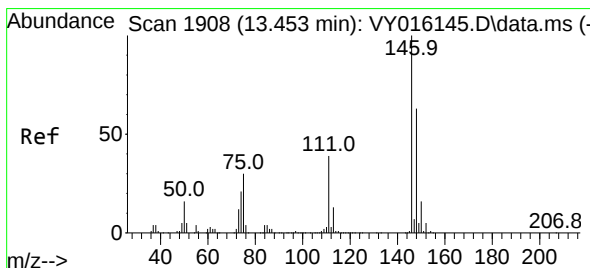
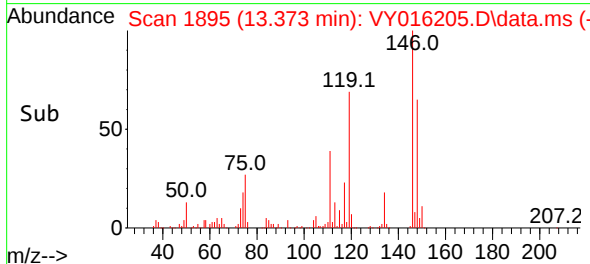
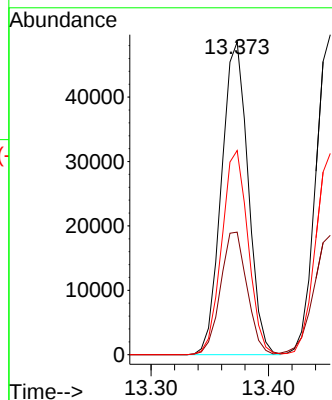
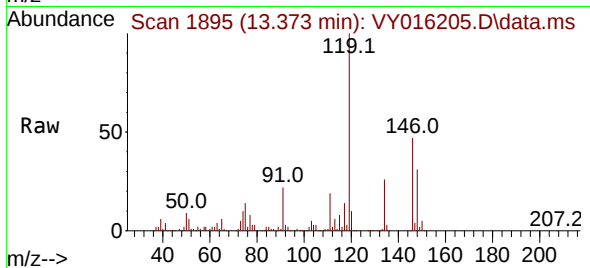
#87
1,3-Dichlorobenzene
Concen: 21.110 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01

Tgt Ion:146 Resp: 7636
Ion Ratio Lower Upper
146 100
111 39.2 19.4 58.2
148 64.6 31.9 95.5

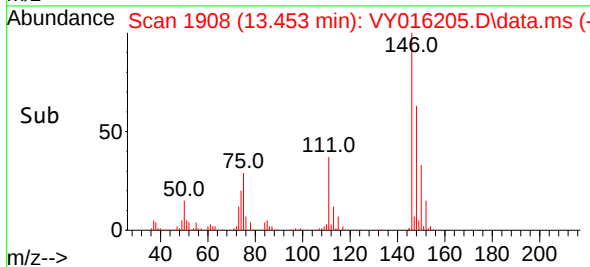
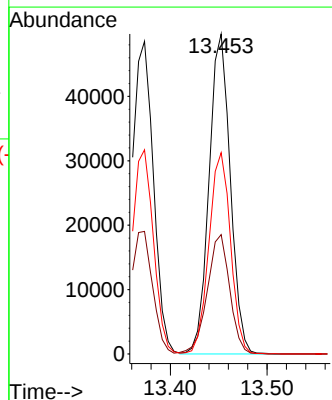
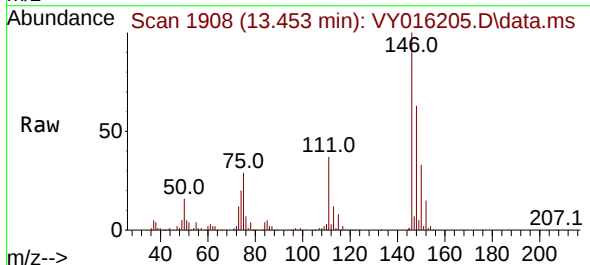
Manual Integrations
APPROVED

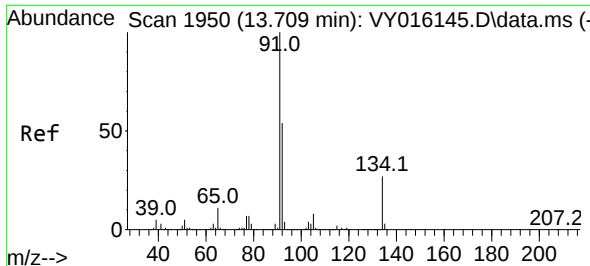
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#88
1,4-Dichlorobenzene
Concen: 21.221 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Tgt Ion:146 Resp: 75876
Ion Ratio Lower Upper
146 100
111 39.5 18.9 56.7
148 64.0 32.1 96.5





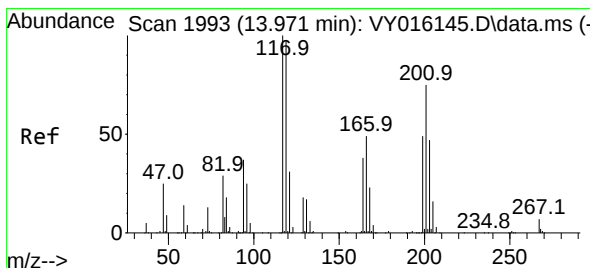
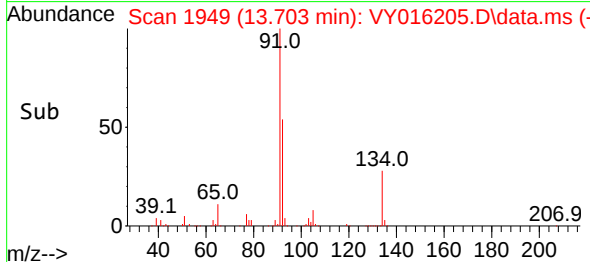
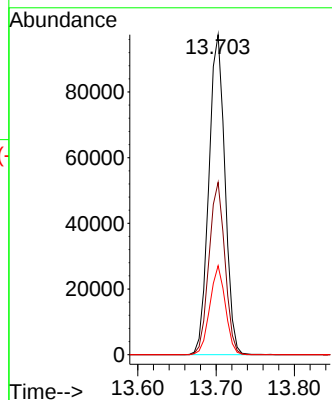
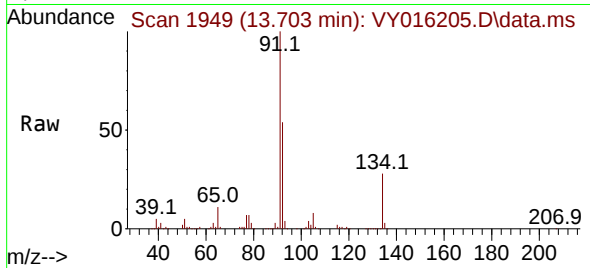
#89
n-Butylbenzene
Concen: 21.235 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01

Tgt Ion: 91 Resp: 138989
Ion Ratio Lower Upper
91 100
92 53.2 25.4 76.0
134 26.8 12.6 37.6

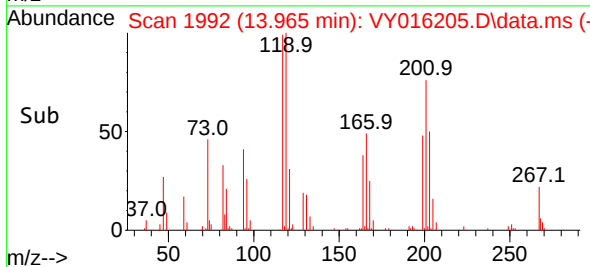
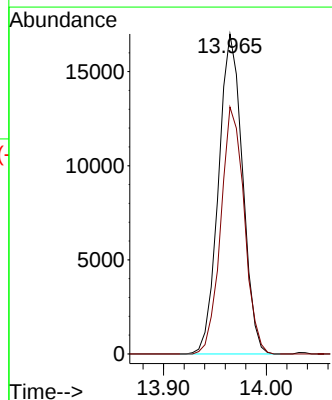
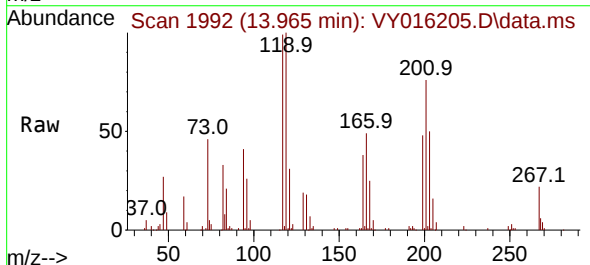
Manual Integrations
APPROVED

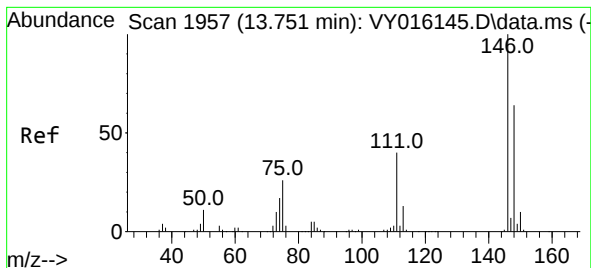
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#90
Hexachloroethane
Concen: 22.431 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Tgt Ion:117 Resp: 27535
Ion Ratio Lower Upper
117 100
201 75.3 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 21.432 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VY016205.D

Acq: 03 Nov 2023 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

Tgt Ion:146 Resp: 6698

Ion Ratio Lower Upper

146 100

111 40.4 19.7 59.0

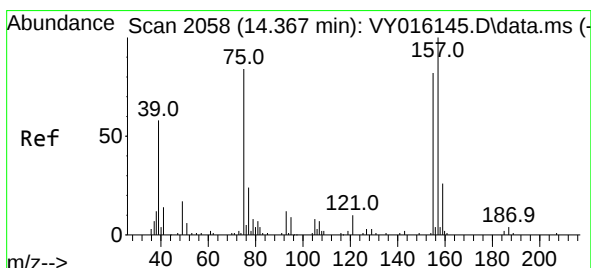
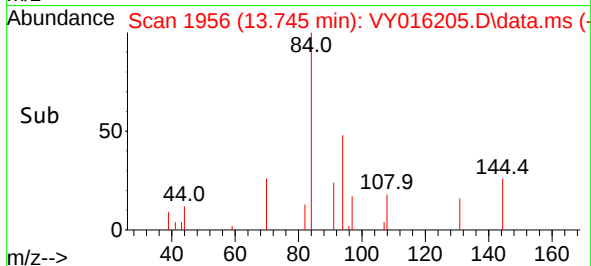
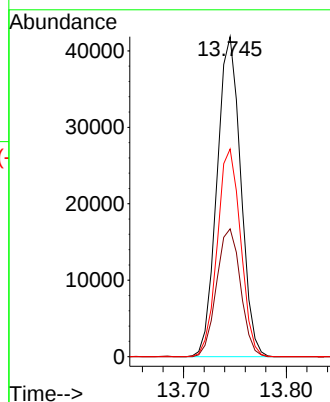
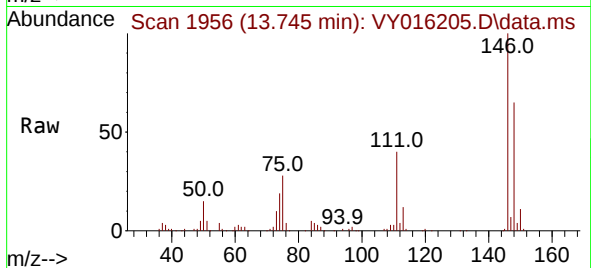
148 63.9 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.222 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VY016205.D

Acq: 03 Nov 2023 10:44

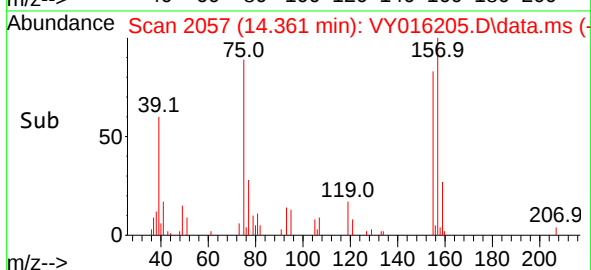
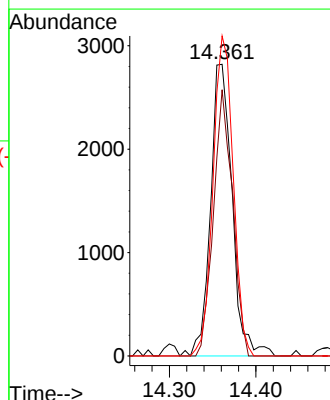
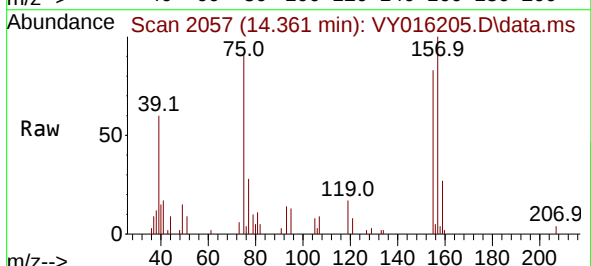
Tgt Ion: 75 Resp: 4882

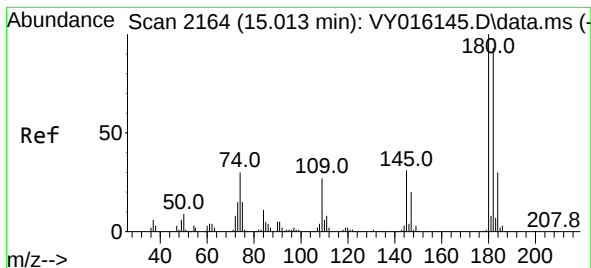
Ion Ratio Lower Upper

75 100

155 80.9 41.5 124.6

157 102.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.937 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY016205.D

Acq: 03 Nov 2023 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

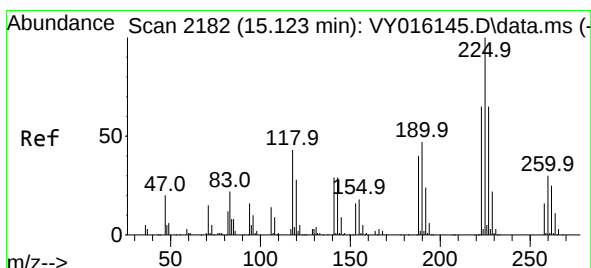
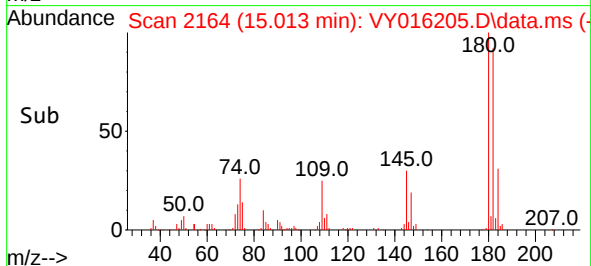
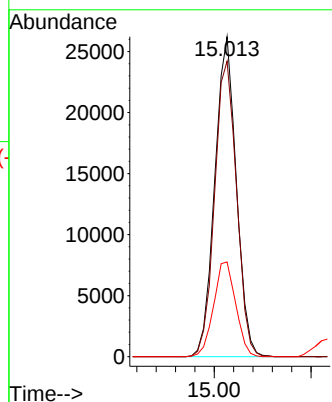
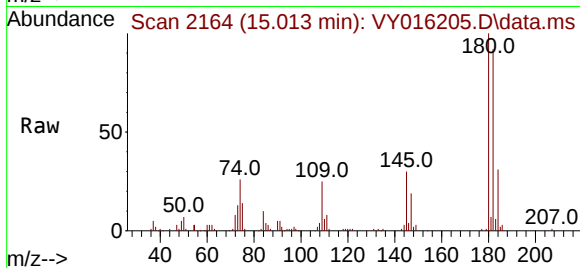
Tgt Ion:180	Resp: 4039
Ion Ratio	Lower Upper
180	100
182	94.1 47.0 141.2
145	30.5 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#94

Hexachlorobutadiene

Concen: 21.856 ug/l

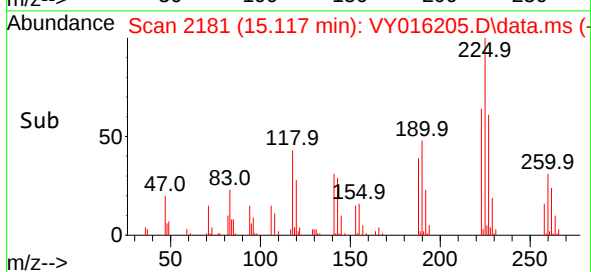
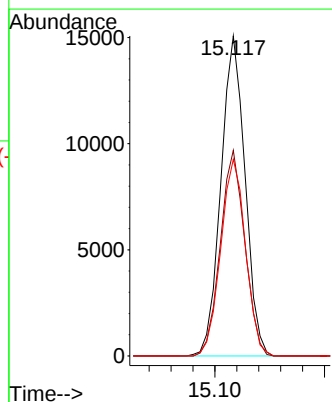
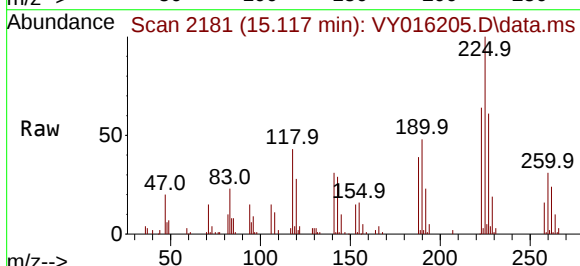
RT: 15.117 min Scan# 2181

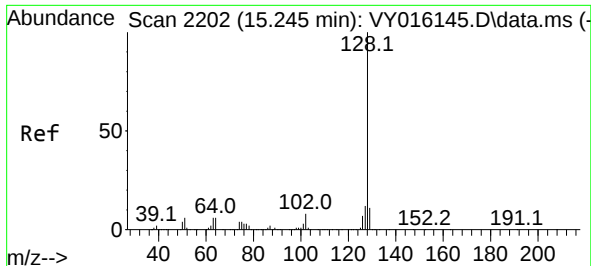
Delta R.T. -0.006 min

Lab File: VY016205.D

Acq: 03 Nov 2023 10:44

Tgt Ion:225	Resp: 23041
Ion Ratio	Lower Upper
225	100
223	65.0 31.9 95.9
227	63.2 33.0 98.9





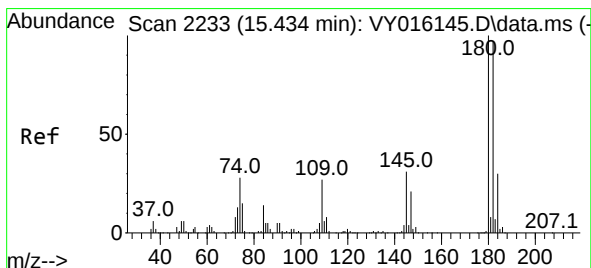
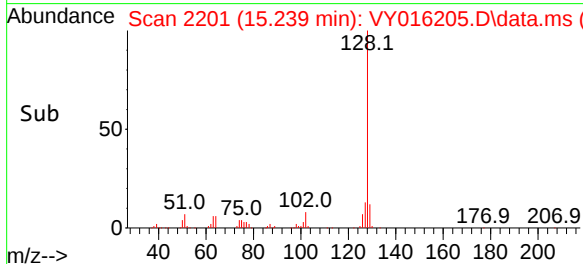
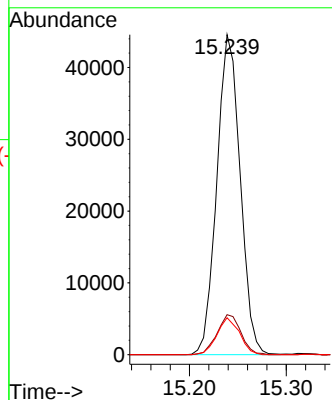
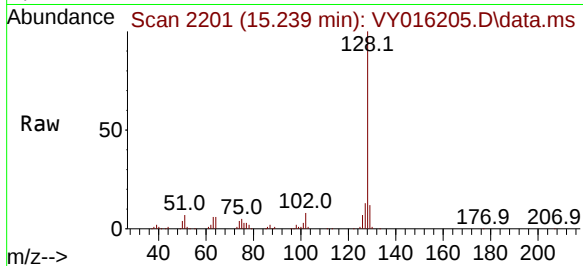
#95
Naphthalene
Concen: 19.929 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

Tgt Ion:128 Resp: 7469
Ion Ratio Lower Upper
128 100
127 12.8 10.8 16.2
129 11.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.851 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY016205.D
Acq: 03 Nov 2023 10:44

Tgt Ion:180 Resp: 34362
Ion Ratio Lower Upper
180 100
182 95.2 47.3 141.8
145 31.5 15.4 46.2

