

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016219.D
 Acq On : 03 Nov 2023 18:47
 Operator : SY/MD
 Sample : VY1103SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS02

Quant Time: Nov 03 23:06:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	159741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	260165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	226827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	107139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	80650	53.956	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.920%			
35) Dibromofluoromethane	7.734	113	77720	50.109	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.220%			
50) Toluene-d8	10.191	98	312373	50.796	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.600%			
62) 4-Bromofluorobenzene	12.489	95	104208	49.557	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	18996	18.642	ug/l	95
3) Chloromethane	2.119	50	24899	17.649	ug/l	100
4) Vinyl Chloride	2.259	62	28375	19.487	ug/l	94
5) Bromomethane	2.655	94	19819	20.168	ug/l	93
6) Chloroethane	2.802	64	20041	19.550	ug/l	92
7) Trichlorofluoromethane	3.137	101	46108	20.975	ug/l	99
8) Diethyl Ether	3.539	74	16114	22.117	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.917	101	28945	20.901	ug/l	96
10) Methyl Iodide	4.106	142	29957	19.453	ug/l	97
11) Tert butyl alcohol	4.972	59	14300	128.044	ug/l #	79
12) 1,1-Dichloroethene	3.887	96	25178	19.919	ug/l	92
13) Acrolein	3.747	56	11332	105.582	ug/l	97
14) Allyl chloride	4.503	41	40245	22.260	ug/l	96
15) Acrylonitrile	5.185	53	37038	118.966	ug/l	97
16) Acetone	3.966	43	26918	101.478	ug/l	91
17) Carbon Disulfide	4.210	76	57315	18.162	ug/l	100
18) Methyl Acetate	4.497	43	31041	25.823	ug/l	93
19) Methyl tert-butyl Ether	5.240	73	81491	22.665	ug/l	99
20) Methylene Chloride	4.734	84	35856	21.871	ug/l	88
21) trans-1,2-Dichloroethene	5.240	96	29849	20.273	ug/l	98
22) Diisopropyl ether	6.143	45	97337	22.259	ug/l	88
23) Vinyl Acetate	6.082	43	232107	108.104	ug/l #	94
24) 1,1-Dichloroethane	6.039	63	56243	21.490	ug/l #	96
25) 2-Butanone	7.002	43	45686	110.784	ug/l	95
26) 2,2-Dichloropropane	6.996	77	51089	20.650	ug/l	97
27) cis-1,2-Dichloroethene	7.008	96	37286	21.519	ug/l	92
28) Bromochloromethane	7.356	49	20737	21.174	ug/l	89
29) Tetrahydrofuran	7.368	42	30216	116.886	ug/l	90
30) Chloroform	7.520	83	65332	22.928	ug/l	98
31) Cyclohexane	7.801	56	45466	19.787	ug/l	89
32) 1,1,1-Trichloroethane	7.722	97	54940	21.024	ug/l	98
36) 1,1-Dichloropropene	7.935	75	45278	20.216	ug/l	98
37) Ethyl Acetate	7.094	43	22694	22.750	ug/l	98
38) Carbon Tetrachloride	7.917	117	47904	21.589	ug/l	99
39) Methylcyclohexane	9.197	83	51337	19.203	ug/l	93
40) Benzene	8.179	78	129437	20.131	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	13098m	22.621	ug/l	
42) 1,2-Dichloroethane	8.252	62	37828	21.082	ug/l	91
43) Isopropyl Acetate	8.289	43	43123	21.854	ug/l #	92
44) Trichloroethene	8.953	130	38422	20.419	ug/l	96
45) 1,2-Dichloropropane	9.234	63	33087	21.391	ug/l	100
46) Dibromomethane	9.319	93	18728	21.344	ug/l	97
47) Bromodichloromethane	9.508	83	49736	22.309	ug/l	99
48) Methyl methacrylate	9.307	41	19056	21.238	ug/l	89
49) 1,4-Dioxane	9.313	88	4539	360.606	ug/l #	57
51) 4-Methyl-2-Pentanone	10.081	43	112549	114.314	ug/l	93
52) Toluene	10.258	92	86767	20.825	ug/l	94
53) t-1,3-Dichloropropene	10.477	75	47927	21.535	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	54898	21.022	ug/l	91
55) 1,1,2-Trichloroethane	10.654	97	27138	21.987	ug/l	94
56) Ethyl methacrylate	10.520	69	34577	21.571	ug/l #	88
57) 1,3-Dichloropropane	10.800	76	45006	21.419	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.794	63	84524	108.745	ug/l	93
59) 2-Hexanone	10.843	43	77130	114.321	ug/l	91
60) Dibromochloromethane	10.995	129	34013	21.966	ug/l	100
61) 1,2-Dibromoethane	11.099	107	25330	21.576	ug/l	100
64) Tetrachloroethene	10.733	164	39406	19.531	ug/l	98
65) Chlorobenzene	11.526	112	93109	20.661	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	35248	21.117	ug/l	98
67) Ethyl Benzene	11.605	91	164490	20.407	ug/l	97
68) m/p-Xylenes	11.715	106	126255	40.535	ug/l	95
69) o-Xylene	12.038	106	59653	20.059	ug/l	99
70) Styrene	12.056	104	102717	20.777	ug/l	96
71) Bromoform	12.221	173	20318	21.942	ug/l #	100
73) Isopropylbenzene	12.337	105	161685	20.118	ug/l	99
74) N-amyl acetate	12.154	43	36051	20.643	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.593	83	28435	22.235	ug/l	98
76) 1,2,3-Trichloropropane	12.641	75	21108m	20.921	ug/l	
77) Bromobenzene	12.617	156	38050	20.909	ug/l	96
78) n-propylbenzene	12.678	91	194693	20.491	ug/l	100
79) 2-Chlorotoluene	12.763	91	108584	20.490	ug/l	98
80) 1,3,5-Trimethylbenzene	12.824	105	131376	20.177	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	9800	21.060	ug/l	96
82) 4-Chlorotoluene	12.861	91	111942	20.571	ug/l	98
83) tert-Butylbenzene	13.087	119	121224	20.808	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	131566	20.421	ug/l	98
85) sec-Butylbenzene	13.263	105	175935	20.575	ug/l	100
86) p-Isopropyltoluene	13.379	119	145542	20.537	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	74585	20.724	ug/l	98
88) 1,4-Dichlorobenzene	13.452	146	73832	20.756	ug/l	97
89) n-Butylbenzene	13.702	91	133920	20.566	ug/l	96
90) Hexachloroethane	13.970	117	27168	22.246	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	65829	21.170	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4893	21.379	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	37585	19.583	ug/l	97
94) Hexachlorobutadiene	15.117	225	22268	21.232	ug/l	98
95) Naphthalene	15.245	128	70420	18.886	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	32460	19.798	ug/l	98

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Instrument :
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ClientSampleId :
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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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

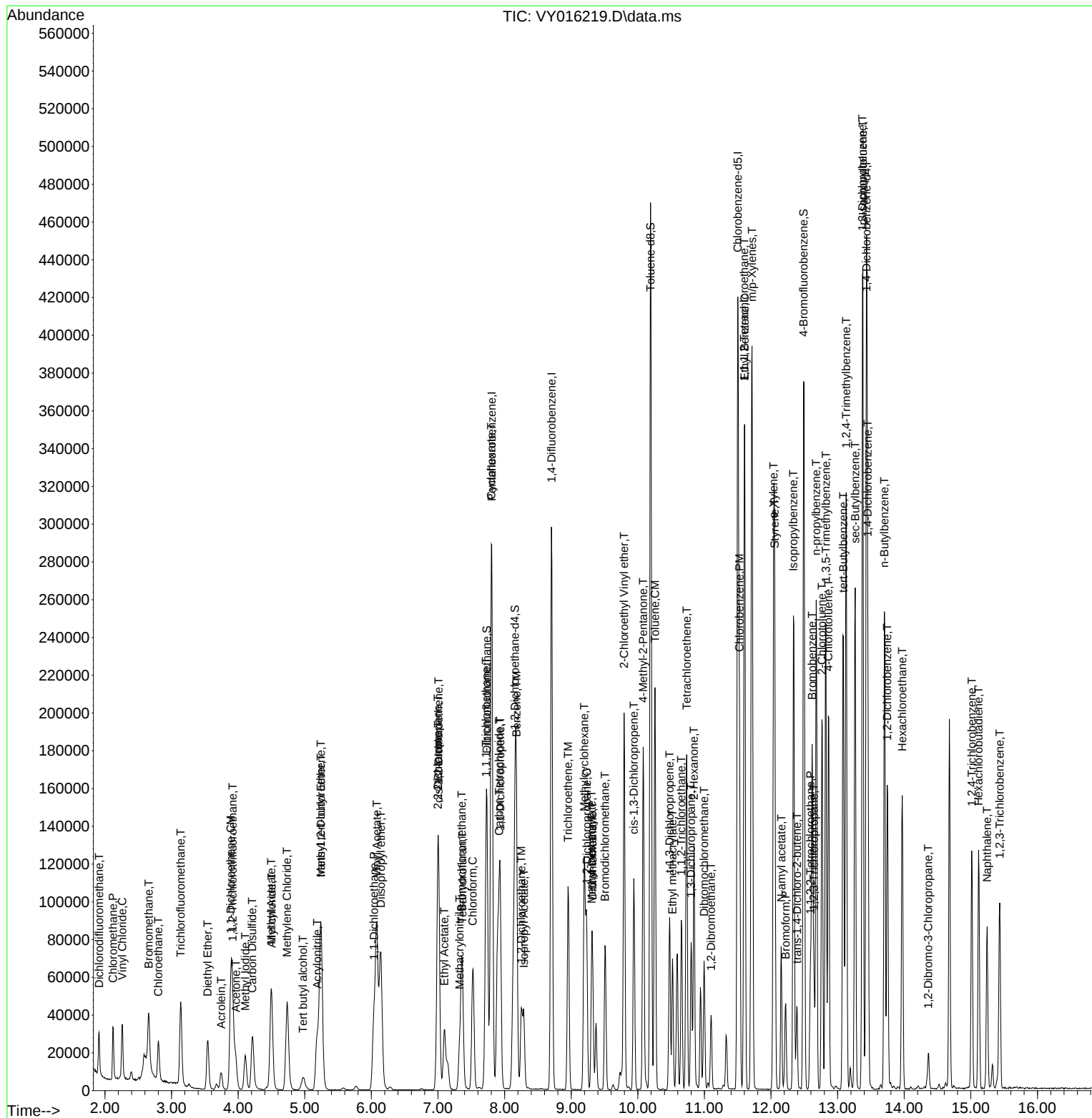
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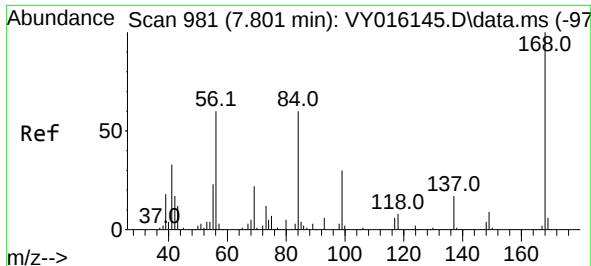
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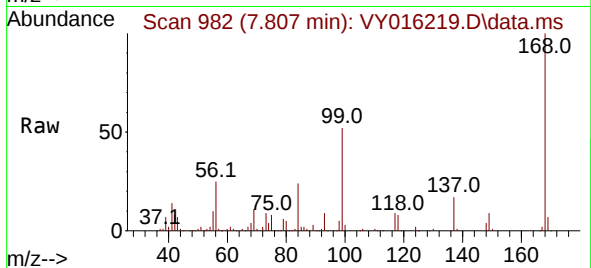
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

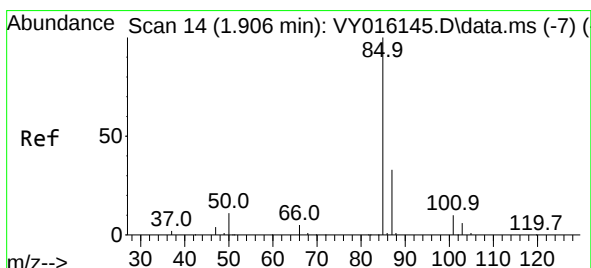
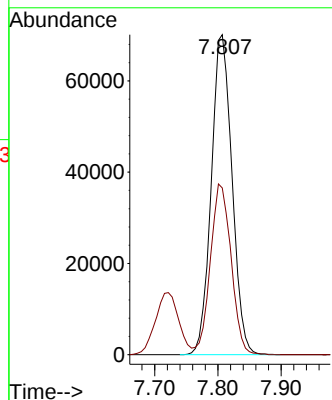
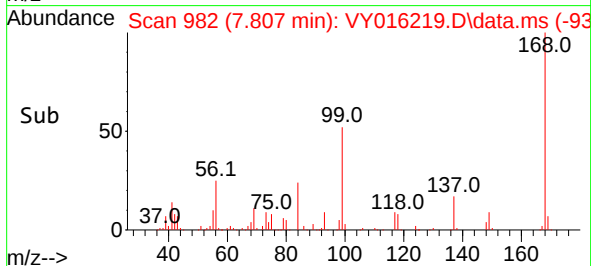
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02



Tgt Ion:168 Resp: 15974
Ion Ratio Lower Upper
168 100
99 52.1 43.4 65.0

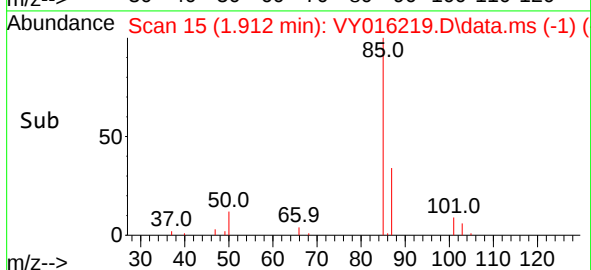
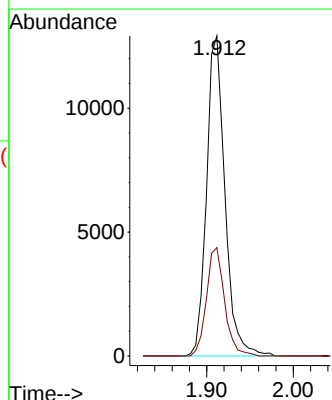
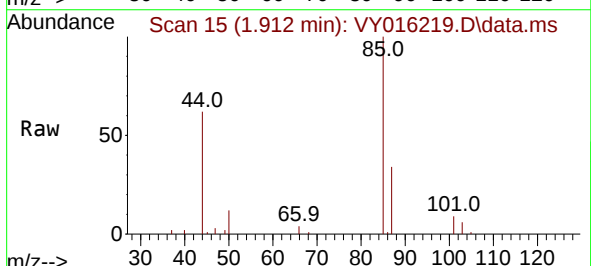
Manual Integrations
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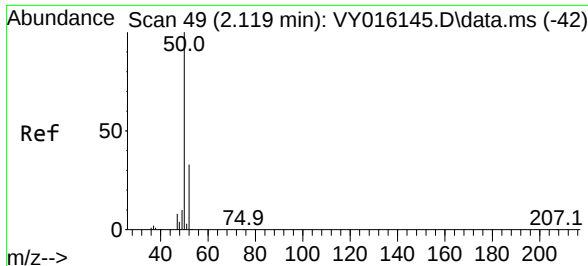
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#2
Dichlorodifluoromethane
Concen: 18.642 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

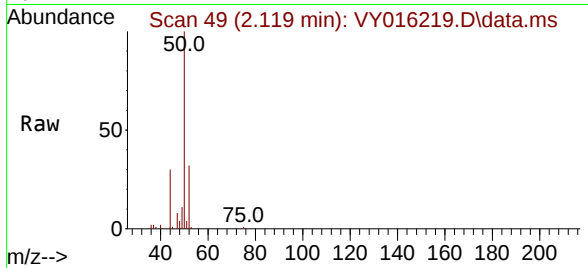
Tgt Ion: 85 Resp: 18996
Ion Ratio Lower Upper
85 100
87 33.8 15.6 46.8





#3
Chloromethane
Concen: 17.649 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

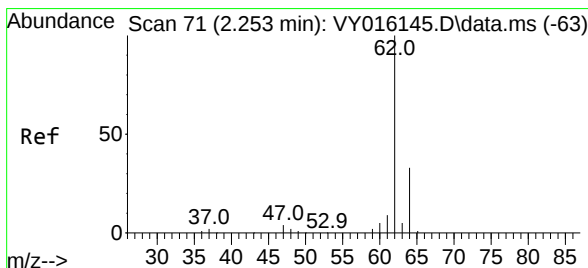
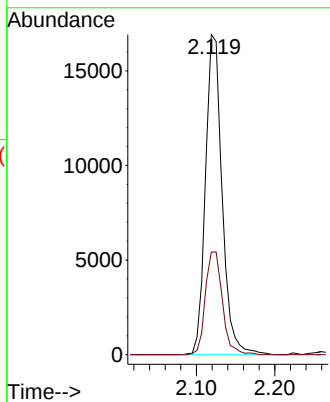
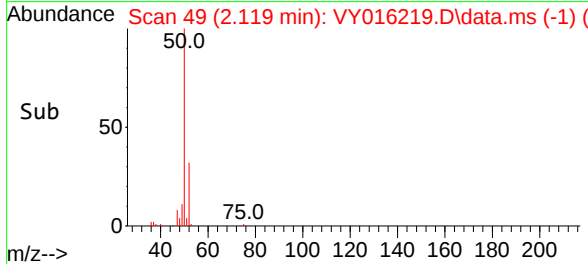
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 2489
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.2

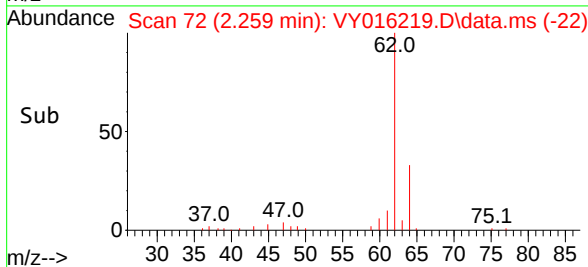
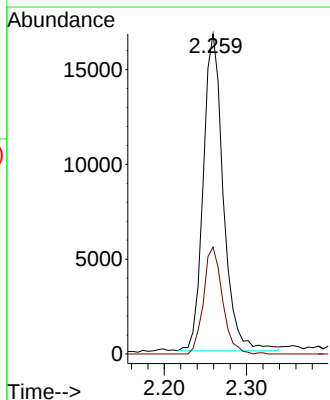
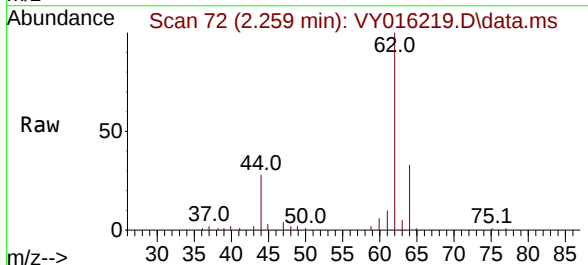
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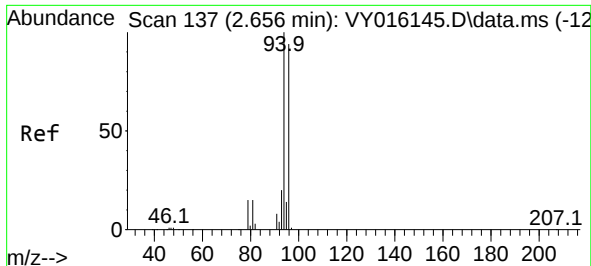
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#4
Vinyl Chloride
Concen: 19.487 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

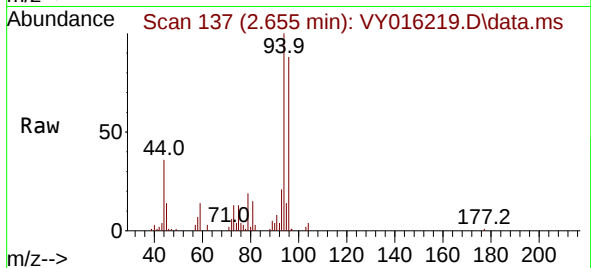
Tgt Ion: 62 Resp: 28375
Ion Ratio Lower Upper
62 100
64 33.7 24.3 36.5





#5
Bromomethane
Concen: 20.168 ug/l
RT: 2.655 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

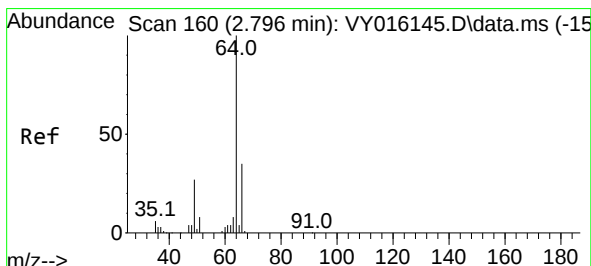
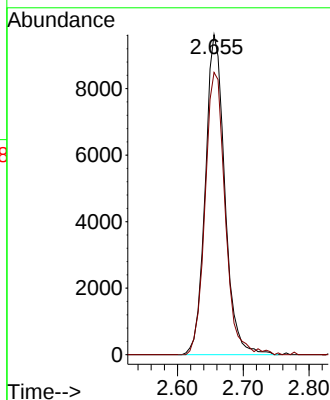
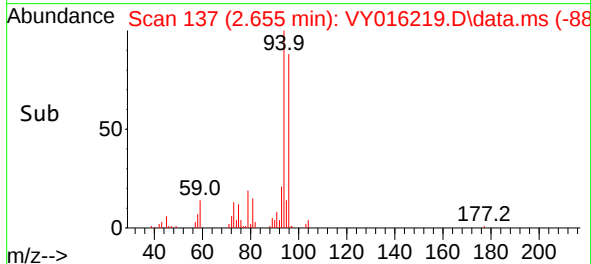
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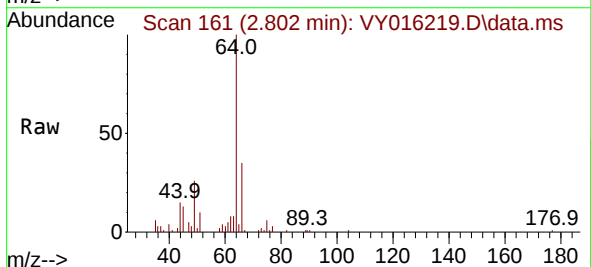
Tgt Ion: 94 Resp: 19819
Ion Ratio Lower Upper
94 100
96 88.2 75.8 113.6

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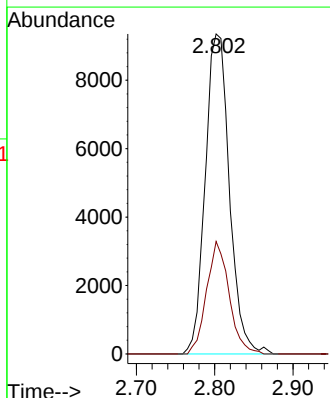
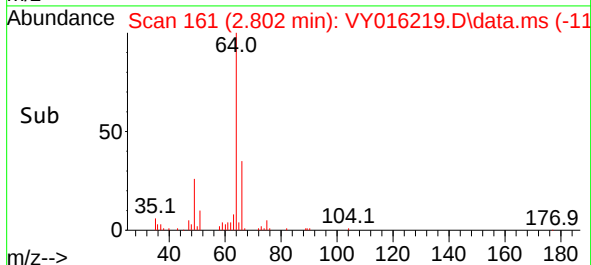
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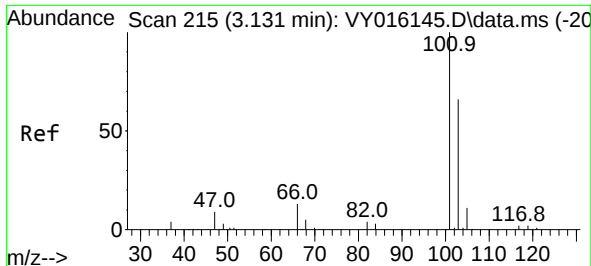


#6
Chloroethane
Concen: 19.550 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47



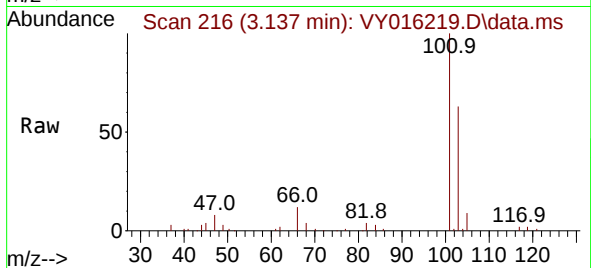
Tgt Ion: 64 Resp: 20041
Ion Ratio Lower Upper
64 100
66 35.1 24.4 36.6





#7
Trichlorofluoromethane
Concen: 20.975 ug/l
RT: 3.137 min Scan# 215
Delta R.T. 0.006 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

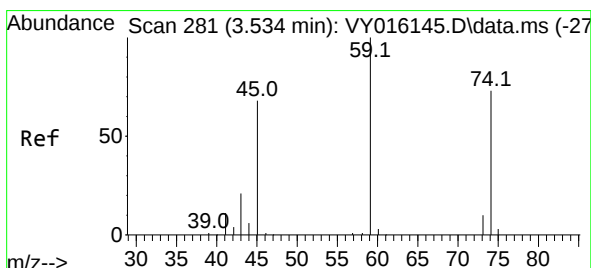
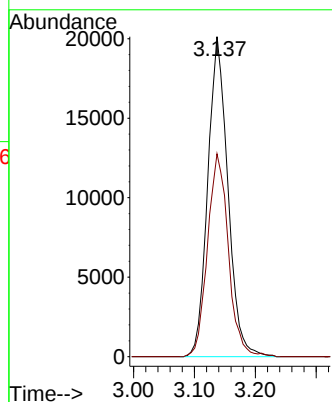
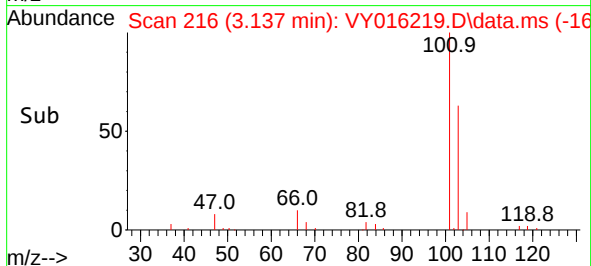
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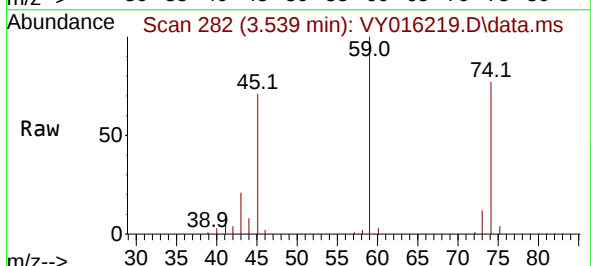
Tgt Ion:101 Resp: 46108
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.0

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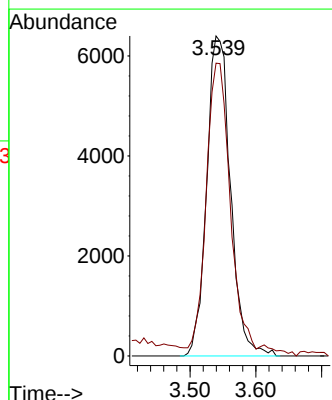
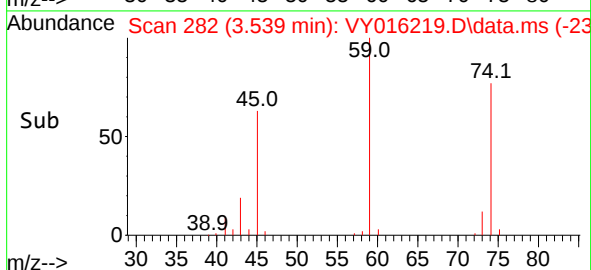
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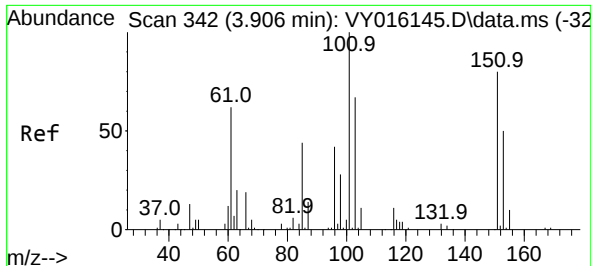


#8
Diethyl Ether
Concen: 22.117 ug/l
RT: 3.539 min Scan# 282
Delta R.T. 0.006 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47



Tgt Ion: 74 Resp: 16114
Ion Ratio Lower Upper
74 100
45 86.8 51.5 154.5





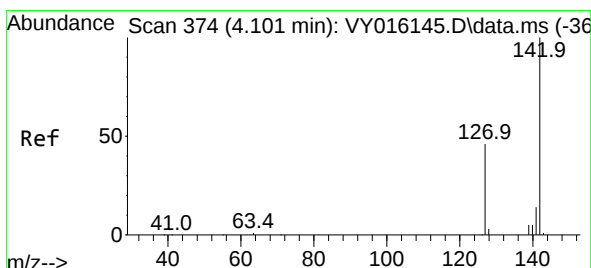
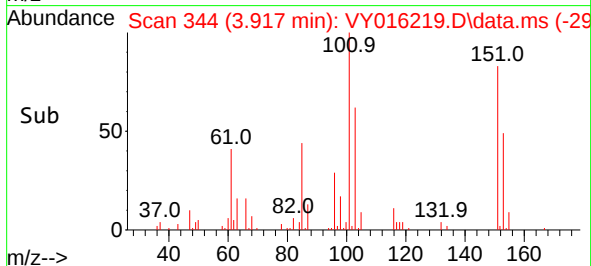
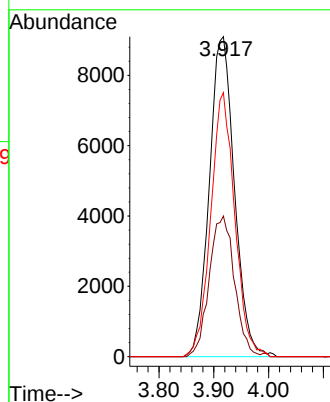
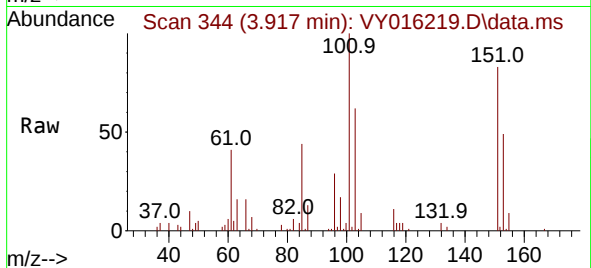
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.901 ug/l
RT: 3.917 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02

Tgt Ion:101 Resp: 2894
Ion Ratio Lower Upper
101 100
85 44.1 36.6 55.0
151 79.0 67.0 100.6

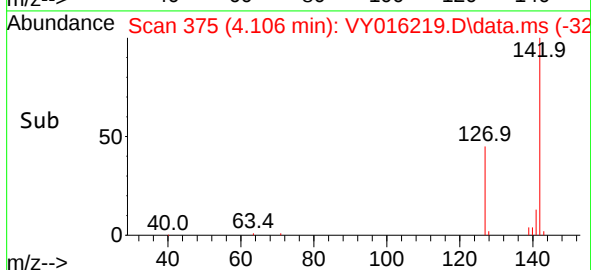
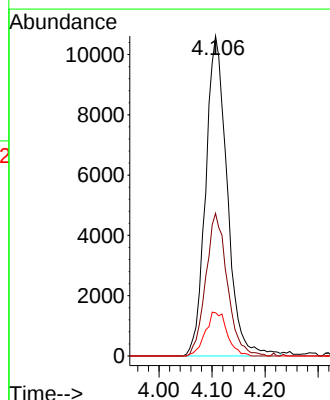
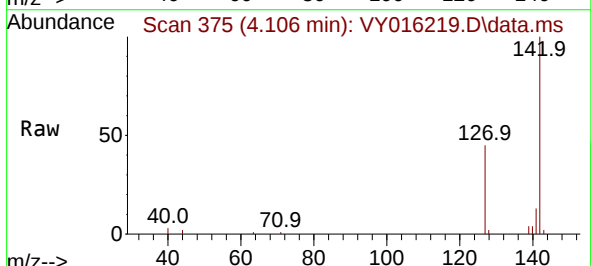
Manual Integrations
APPROVED

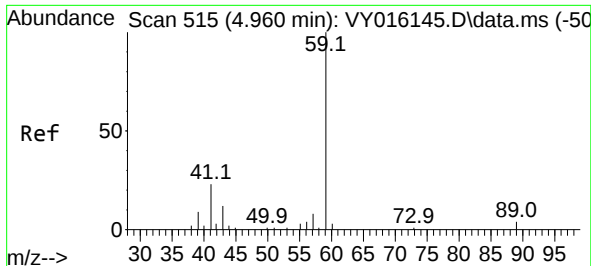
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#10
Methyl Iodide
Concen: 19.453 ug/l
RT: 4.106 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Tgt Ion:142 Resp: 29957
Ion Ratio Lower Upper
142 100
127 44.4 37.6 56.4
141 13.9 11.8 17.8





#11

Tert butyl alcohol

Concen: 128.044 ug/l

RT: 4.972 min Scan# 517

Delta R.T. 0.012 min

Lab File: VY016219.D

Acq: 03 Nov 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS02

Tgt Ion: 59 Resp: 14300

Ion Ratio Lower Upper

59 100

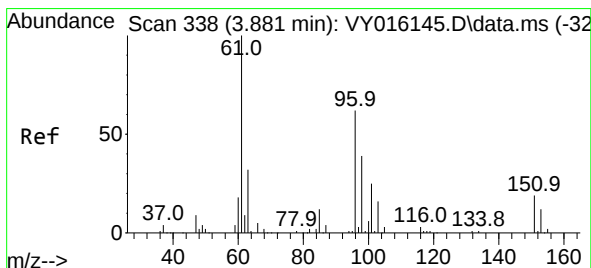
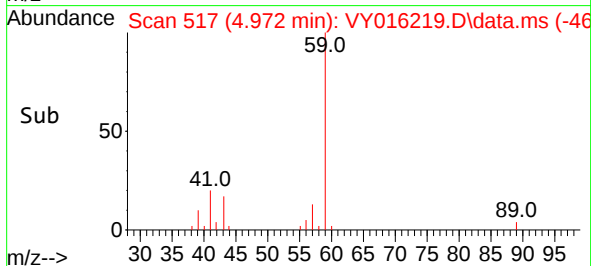
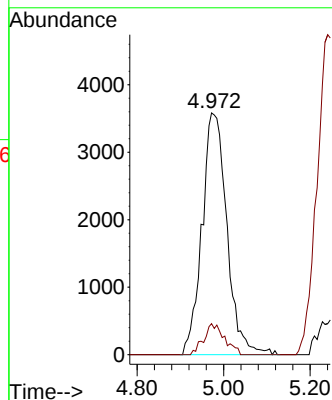
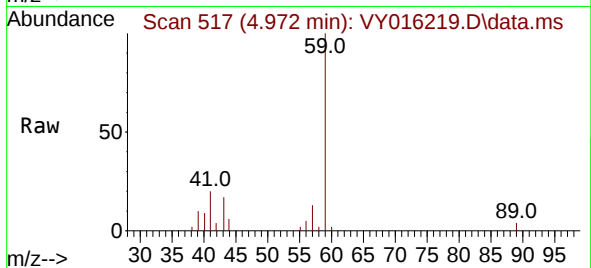
57 10.7 3.0 4.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#12

1,1-Dichloroethene

Concen: 19.919 ug/l

RT: 3.887 min Scan# 339

Delta R.T. 0.006 min

Lab File: VY016219.D

Acq: 03 Nov 2023 18:47

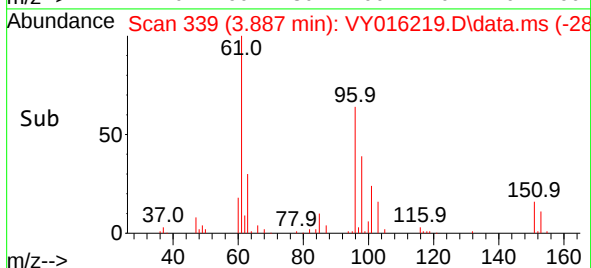
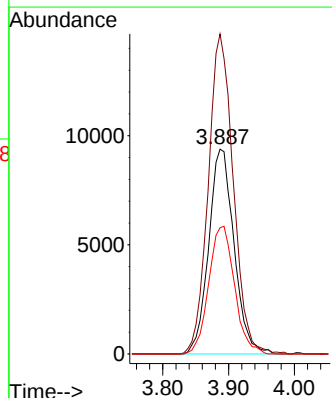
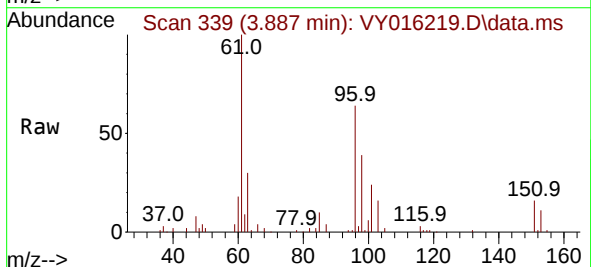
Tgt Ion: 96 Resp: 25178

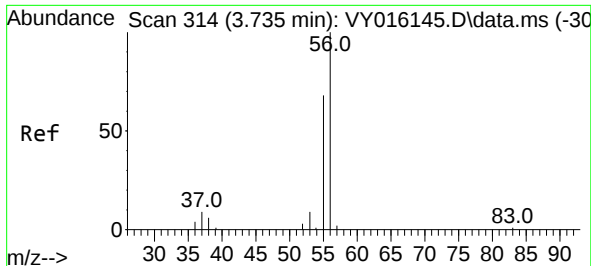
Ion Ratio Lower Upper

96 100

61 156.2 136.4 204.6

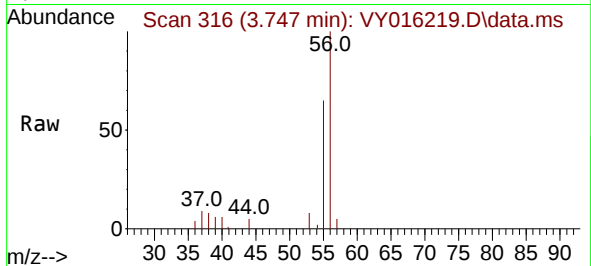
98 61.6 49.4 74.2





#13
Acrolein
Concen: 105.582 ug/l
RT: 3.747 min Scan# 314
Delta R.T. 0.012 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

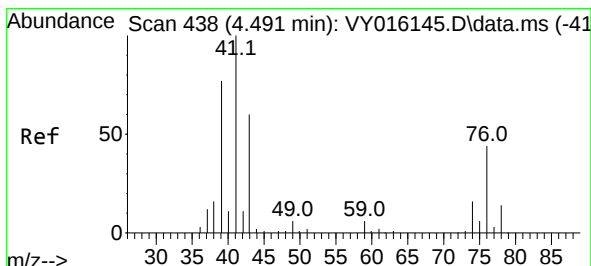
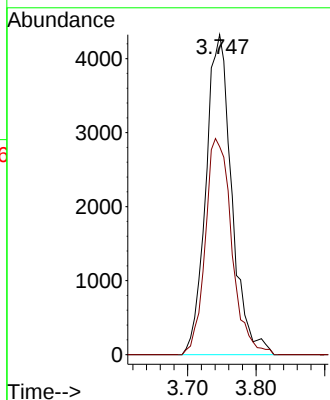
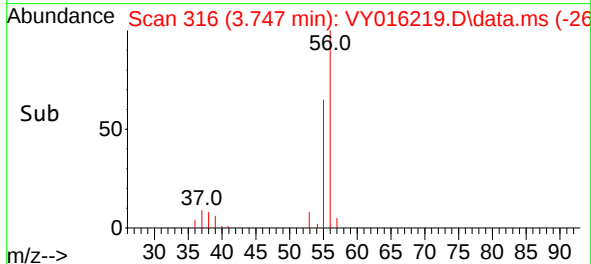
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02



Tgt Ion: 56 Resp: 1133
Ion Ratio Lower Upper
56 100
55 69.1 57.0 85.4

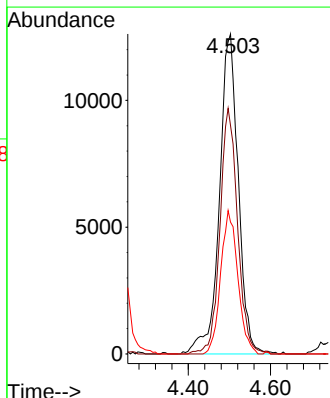
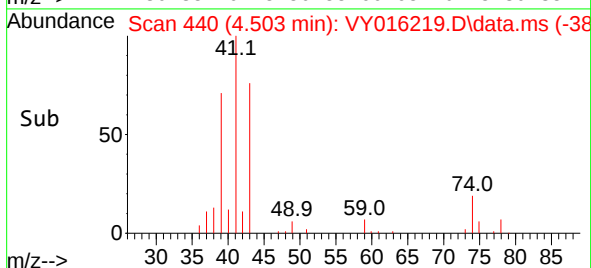
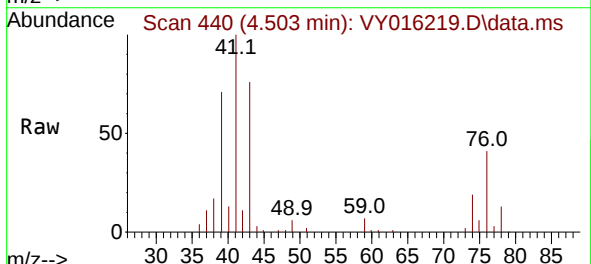
Manual Integrations
APPROVED

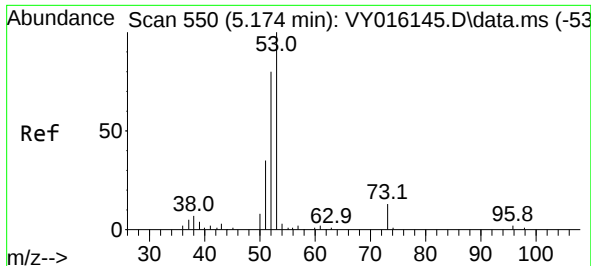
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#14
Allyl chloride
Concen: 22.260 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

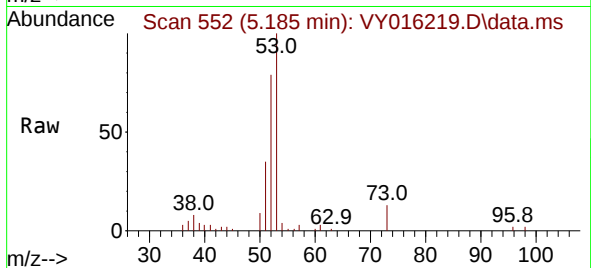
Tgt Ion: 41 Resp: 40245
Ion Ratio Lower Upper
41 100
39 71.6 58.0 87.0
76 40.8 27.4 41.2





#15
Acrylonitrile
Concen: 118.966 ug/l
RT: 5.185 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

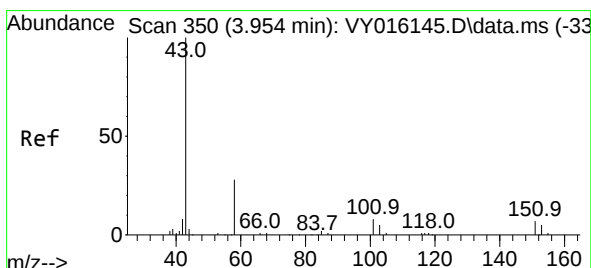
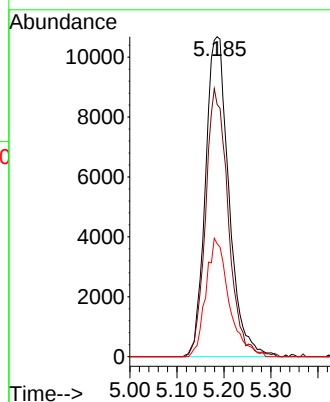
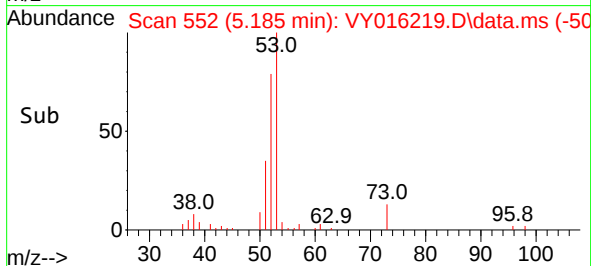
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02



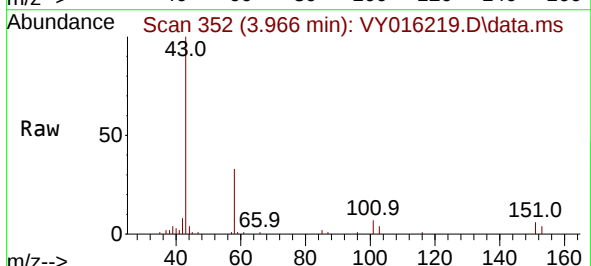
Tgt Ion: 53 Resp: 37038
Ion Ratio Lower Upper
53 100
52 80.8 66.9 100.3
51 36.4 29.8 44.6

Manual Integrations
APPROVED

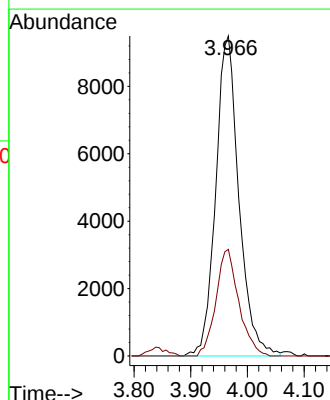
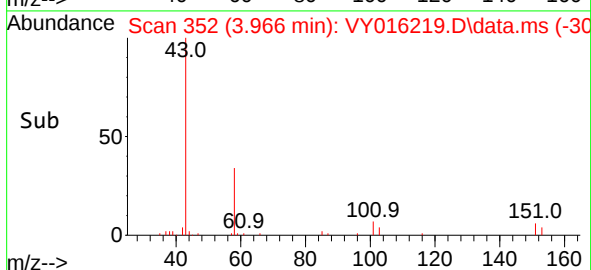
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

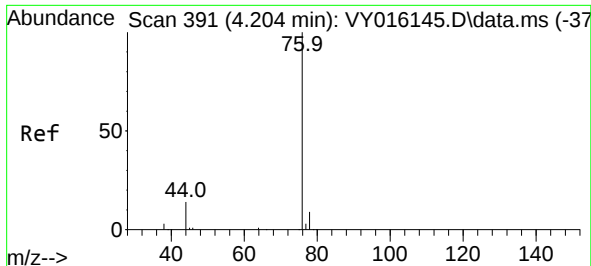


#16
Acetone
Concen: 101.478 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47



Tgt Ion: 43 Resp: 26918
Ion Ratio Lower Upper
43 100
58 33.3 22.7 34.1





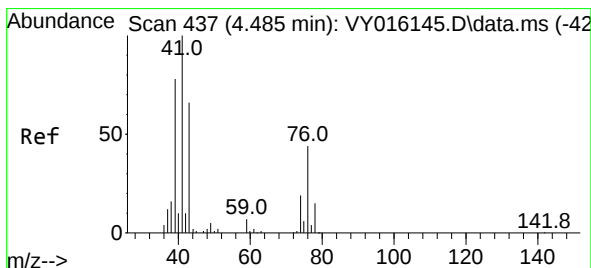
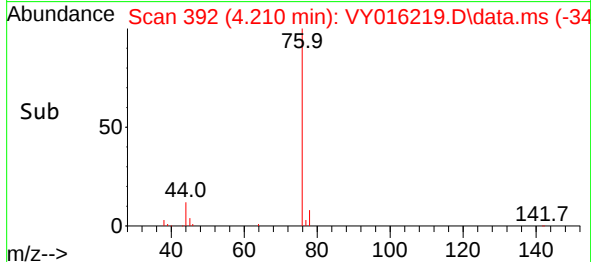
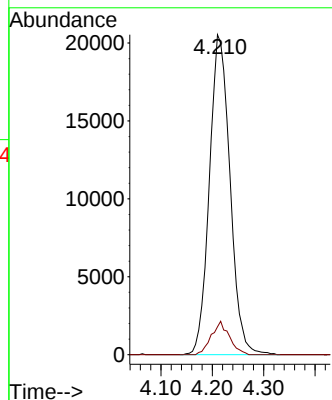
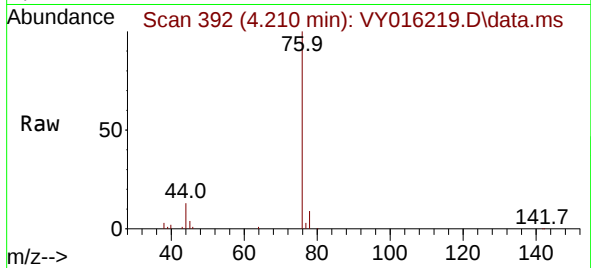
#17
Carbon Disulfide
Concen: 18.162 ug/l
RT: 4.210 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02

Tgt Ion: 76 Resp: 5731
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4

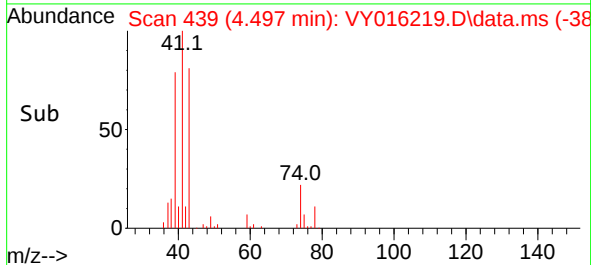
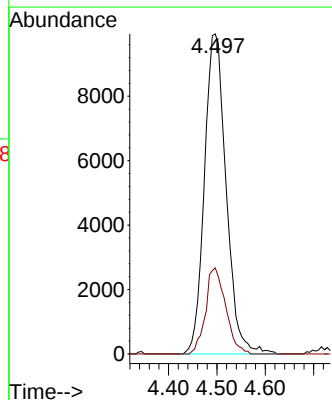
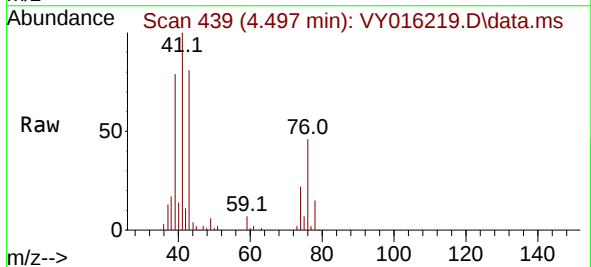
Manual Integrations
APPROVED

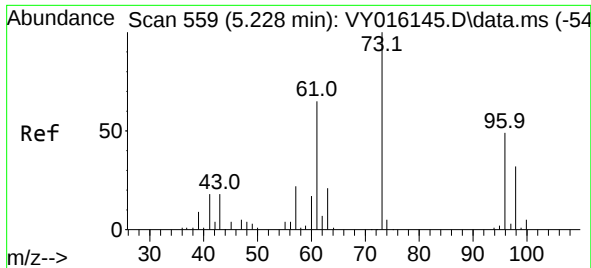
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#18
Methyl Acetate
Concen: 25.823 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Tgt Ion: 43 Resp: 31041
Ion Ratio Lower Upper
43 100
74 24.9 17.4 26.0





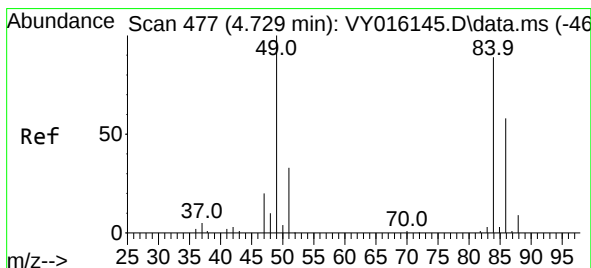
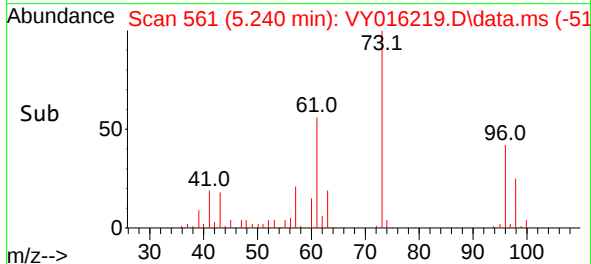
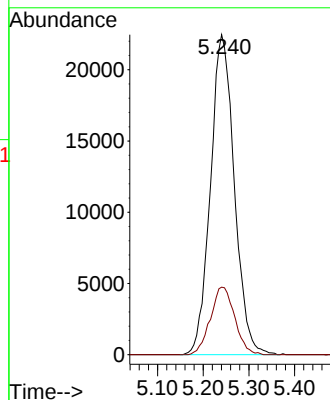
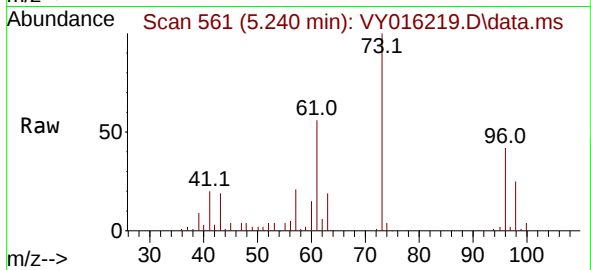
#19
Methyl tert-butyl Ether
Concen: 22.665 ug/l
RT: 5.240 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02

Tgt Ion: 73 Resp: 8149
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9

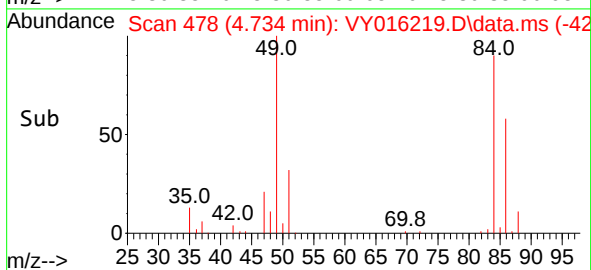
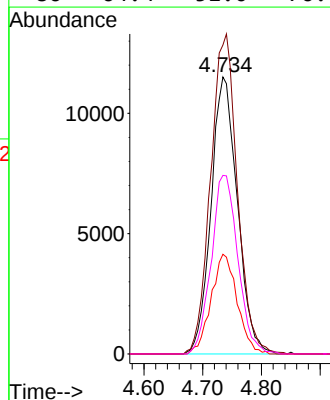
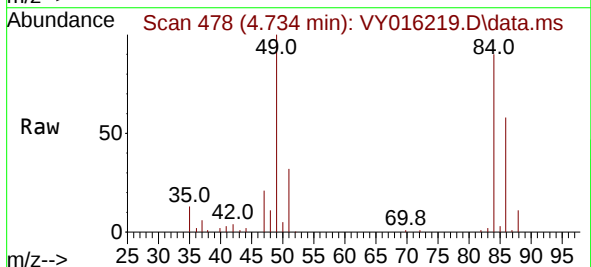
Manual Integrations
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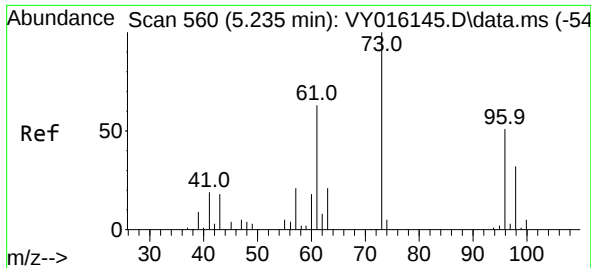
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#20
Methylene Chloride
Concen: 21.871 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

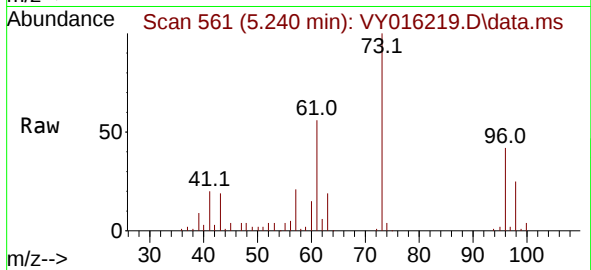
Tgt Ion: 84 Resp: 35856
Ion Ratio Lower Upper
84 100
49 111.6 106.9 160.3
51 36.0 33.2 49.8
86 64.4 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 20.273 ug/l
RT: 5.240 min Scan# 509
Delta R.T. 0.006 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

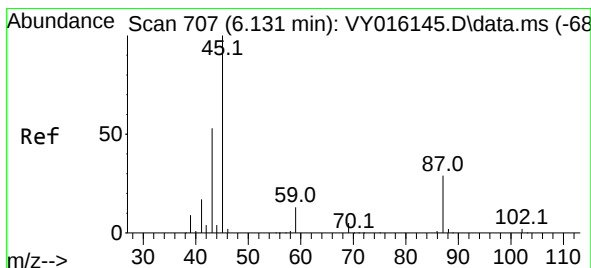
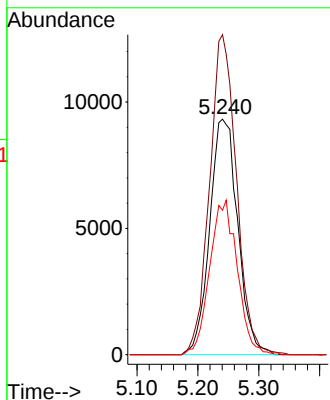
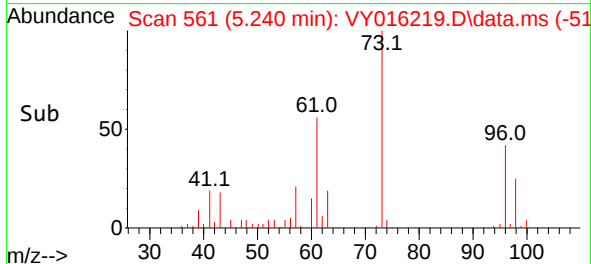
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02



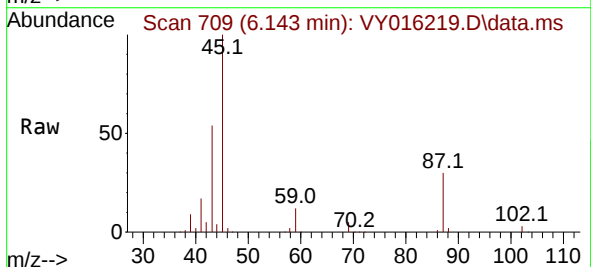
Tgt Ion: 96 Resp: 29849
Ion Ratio Lower Upper
96 100
61 135.8 110.2 165.4
98 61.3 51.8 77.6

Manual Integrations
APPROVED

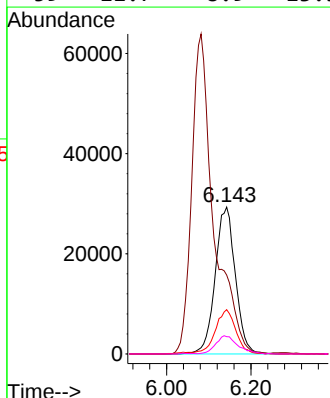
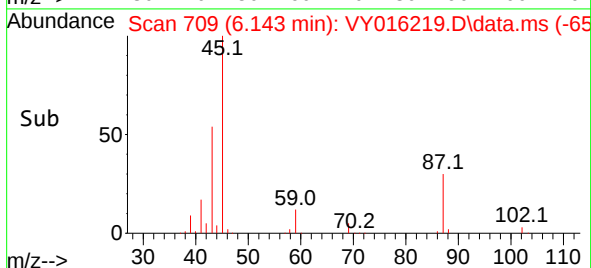
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

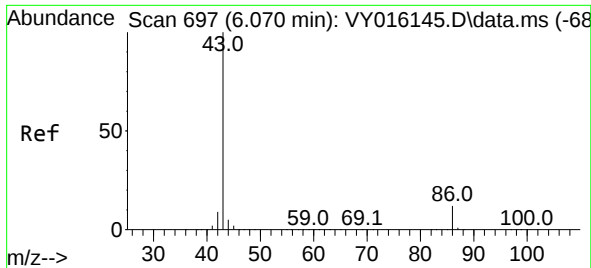


#22
Diisopropyl ether
Concen: 22.259 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.012 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47



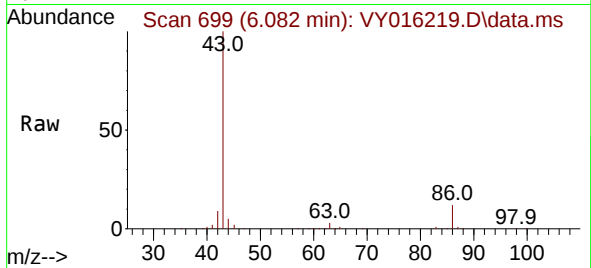
Tgt Ion: 45 Resp: 97337
Ion Ratio Lower Upper
45 100
43 52.9 52.2 78.4
87 30.2 21.0 31.6
59 11.7 8.9 13.3





#23
 Vinyl Acetate
 Concen: 108.104 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.012 min
 Lab File: VY016219.D
 Acq: 03 Nov 2023 18:47

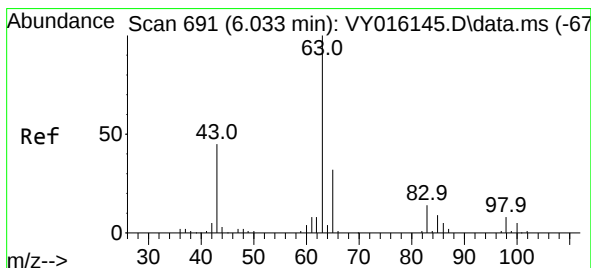
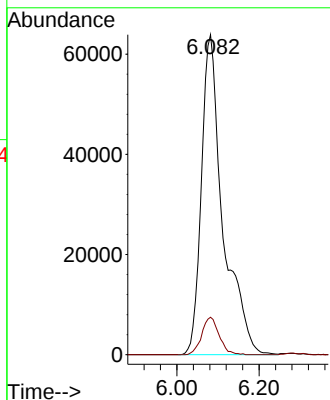
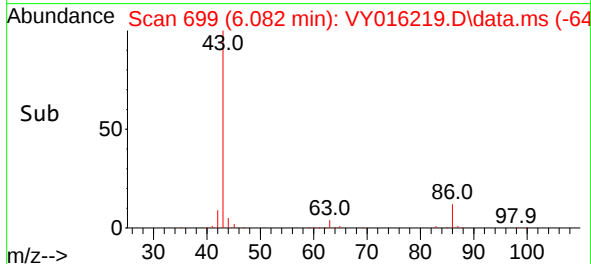
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS02



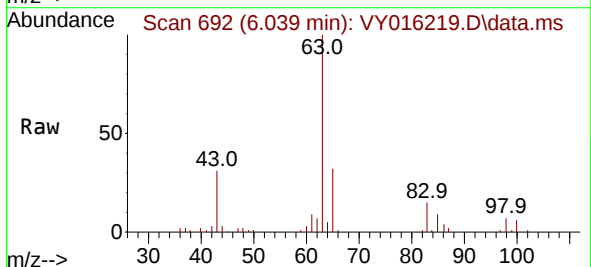
Tgt Ion: 43 Resp: 23210
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.5 11.3

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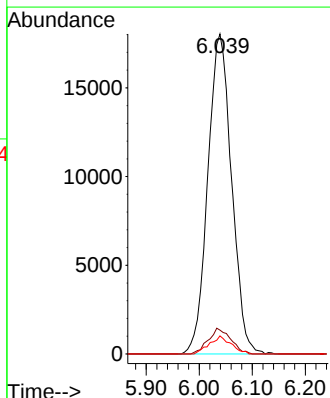
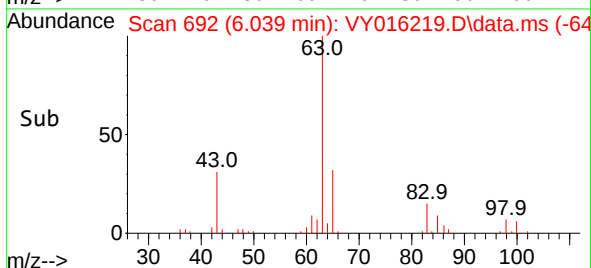
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023

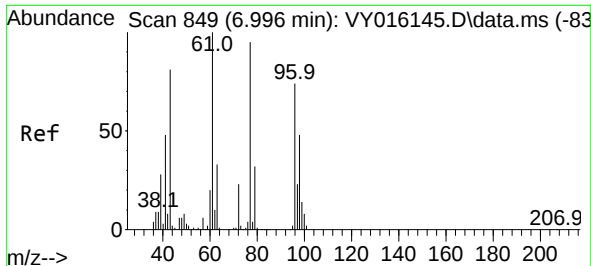


#24
 1,1-Dichloroethane
 Concen: 21.490 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY016219.D
 Acq: 03 Nov 2023 18:47



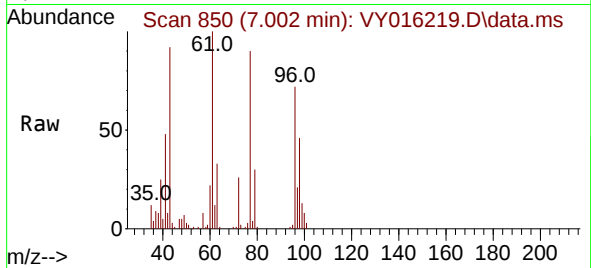
Tgt Ion: 63 Resp: 56243
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.4
 100 5.7 1.8 5.5





#25
2-Butanone
Concen: 110.784 ug/l
RT: 7.002 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

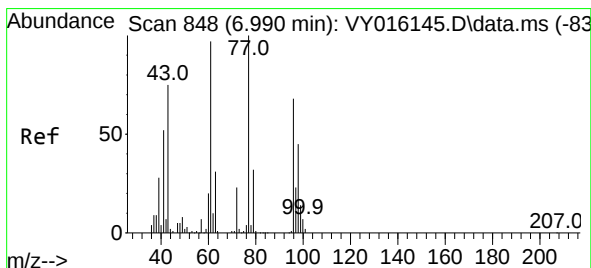
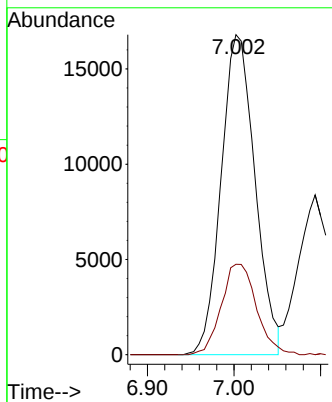
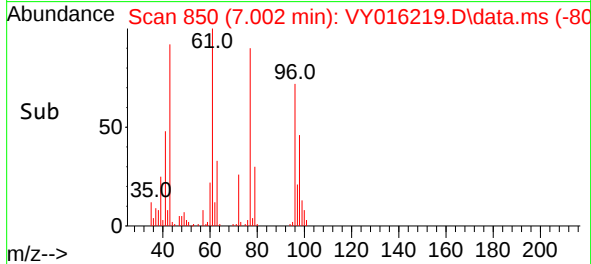
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02



Tgt Ion: 43 Resp: 4568
Ion Ratio Lower Upper
43 100
72 28.3 20.5 30.7

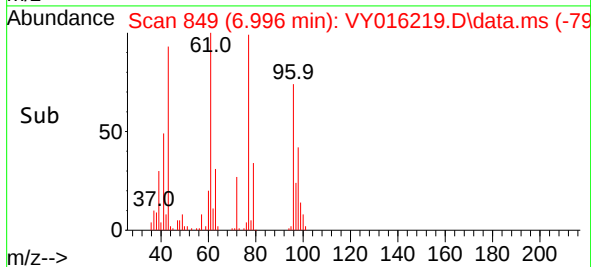
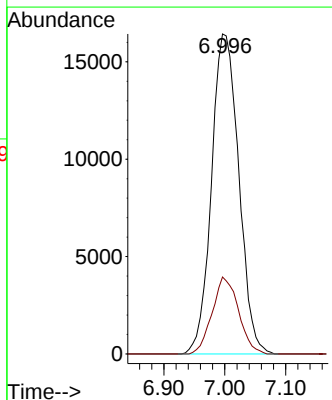
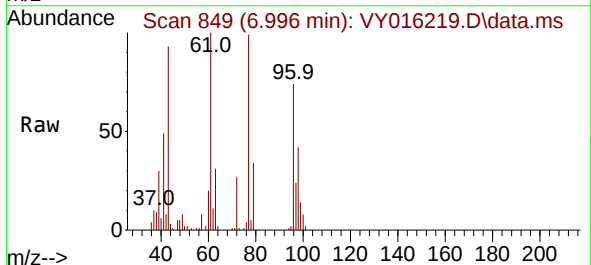
Manual Integrations
APPROVED

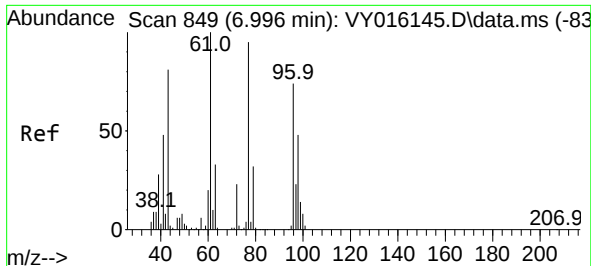
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#26
2,2-Dichloropropane
Concen: 20.650 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

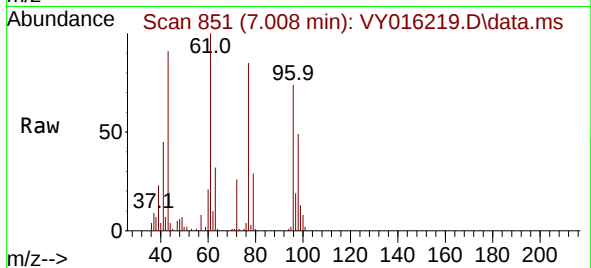
Tgt Ion: 77 Resp: 51089
Ion Ratio Lower Upper
77 100
97 23.2 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 21.519 ug/l
 RT: 7.008 min Scan# 851
 Delta R.T. 0.012 min
 Lab File: VY016219.D
 Acq: 03 Nov 2023 18:47

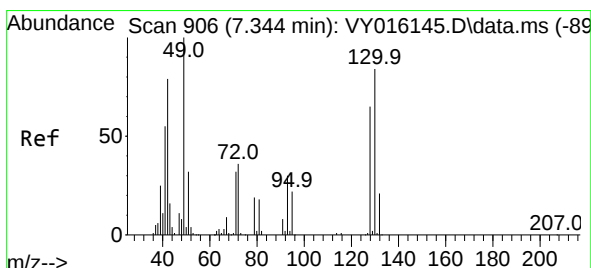
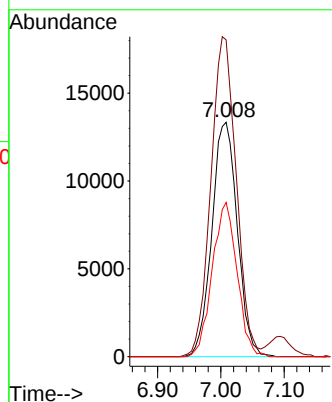
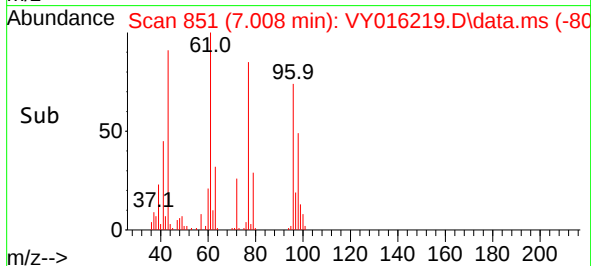
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS02



Tgt Ion: 96 Resp: 37280
 Ion Ratio Lower Upper
 96 100
 61 136.3 0.0 301.4
 98 64.0 0.0 130.4

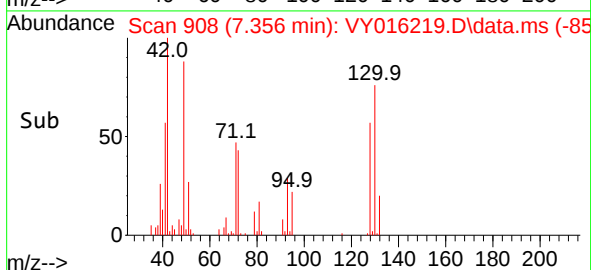
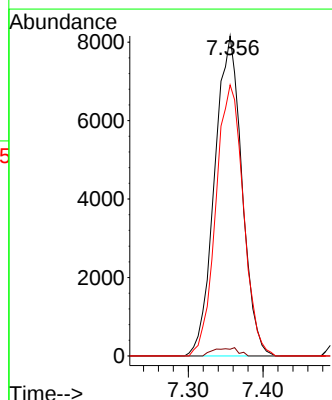
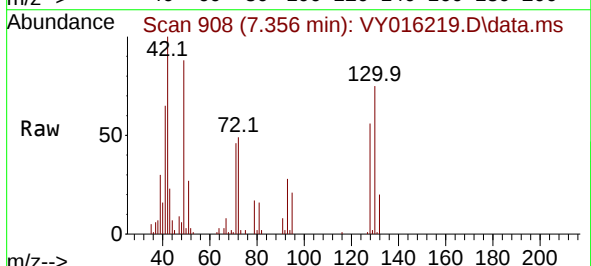
Manual Integrations
 APPROVED

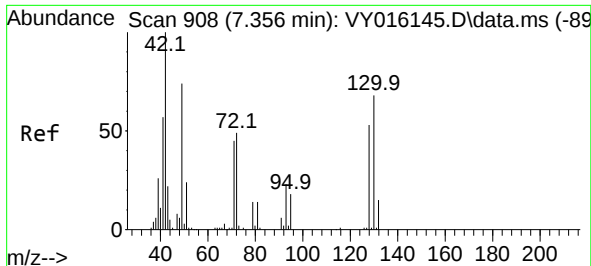
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#28
 Bromochloromethane
 Concen: 21.174 ug/l
 RT: 7.356 min Scan# 908
 Delta R.T. 0.012 min
 Lab File: VY016219.D
 Acq: 03 Nov 2023 18:47

Tgt Ion: 49 Resp: 20737
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 85.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 116.886 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY016219.D

Acq: 03 Nov 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS02

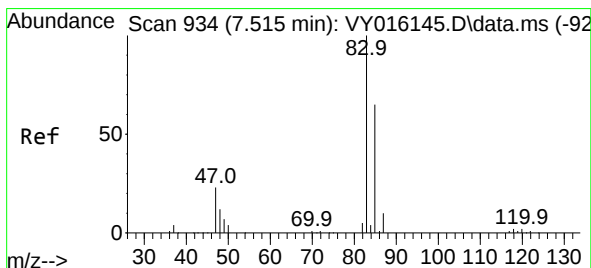
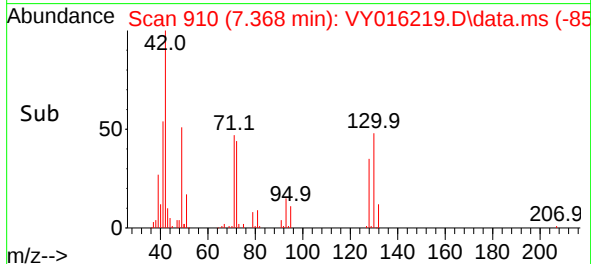
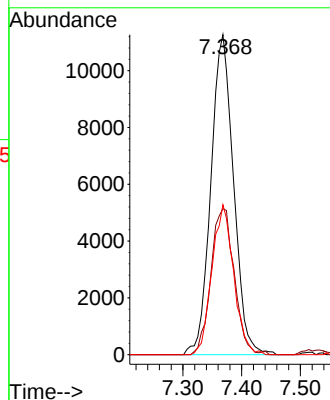
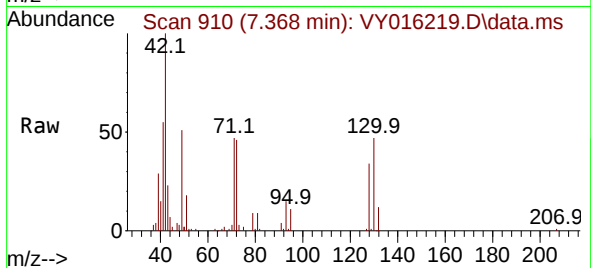
Tgt Ion:	42	Resp:	30210
Ion Ratio	Lower	Upper	
42	100		
72	46.8	32.8	49.2
71	45.0	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#30

Chloroform

Concen: 22.928 ug/l

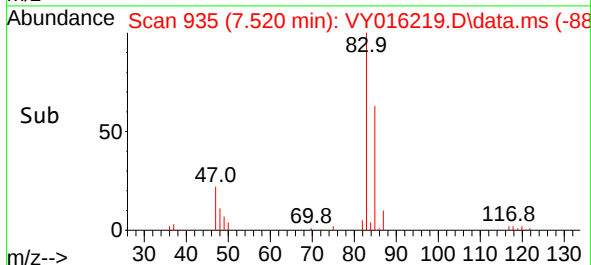
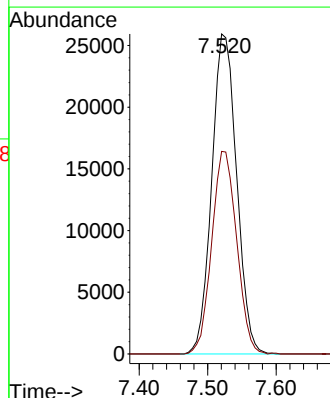
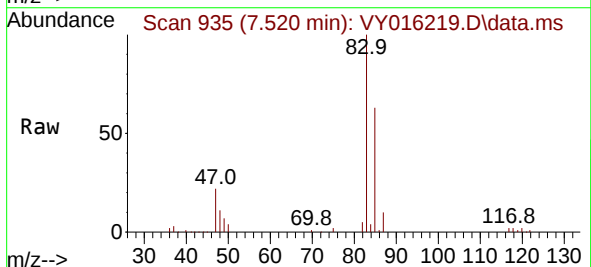
RT: 7.520 min Scan# 935

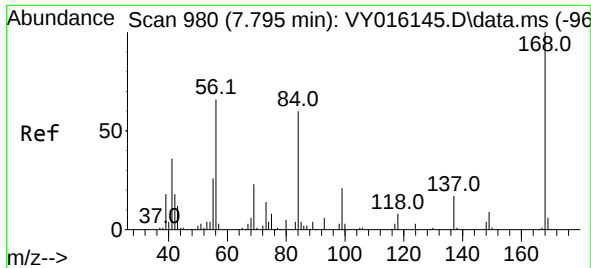
Delta R.T. 0.006 min

Lab File: VY016219.D

Acq: 03 Nov 2023 18:47

Tgt Ion:	83	Resp:	65332
Ion Ratio	Lower	Upper	
83	100		
85	63.3	49.7	74.5





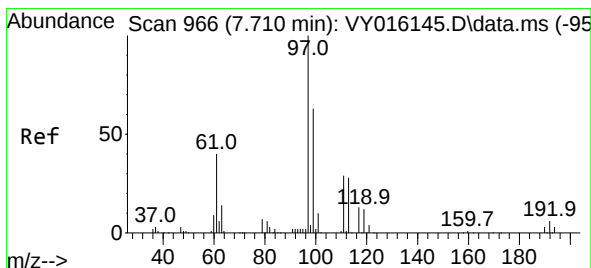
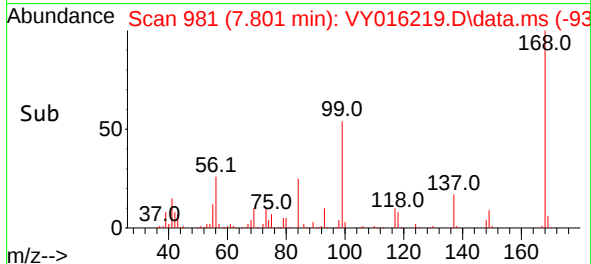
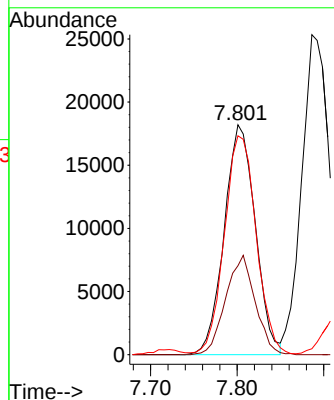
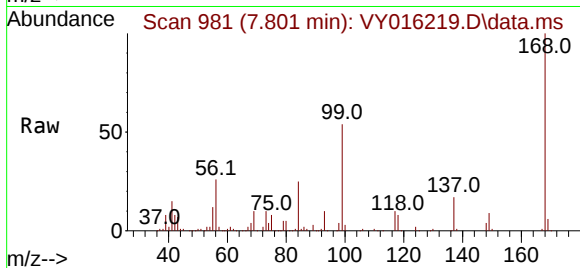
#31
Cyclohexane
Concen: 19.787 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02

Tgt Ion: 56 Resp: 4546
Ion Ratio Lower Upper
56 100
69 38.7 27.8 41.6
84 94.0 66.4 99.6

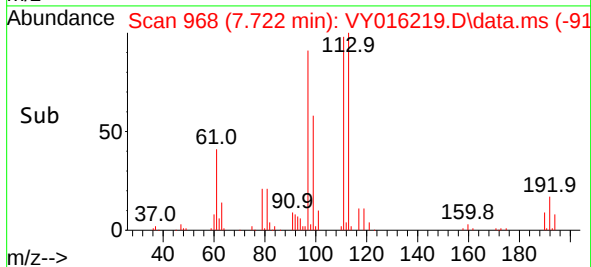
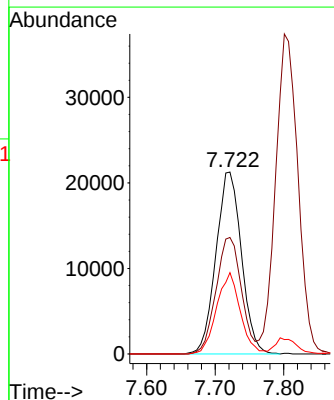
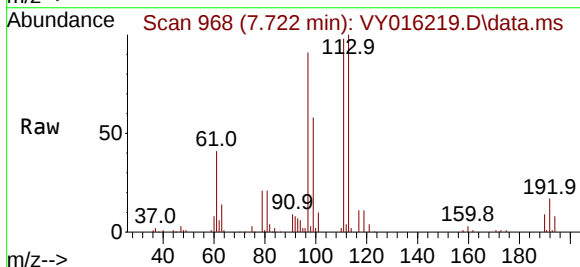
Manual Integrations
APPROVED

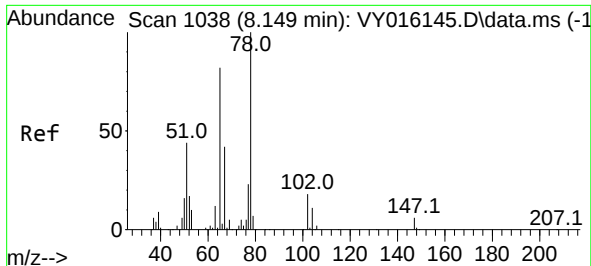
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#32
1,1,1-Trichloroethane
Concen: 21.024 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Tgt Ion: 97 Resp: 54940
Ion Ratio Lower Upper
97 100
99 63.6 50.8 76.2
61 41.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 53.956 ug/l

RT: 8.154 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VY016219.D

Acq: 03 Nov 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS02

Tgt Ion: 65 Resp: 80650

Ion Ratio Lower Upper

65 100

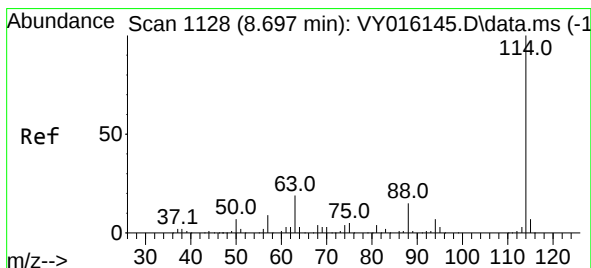
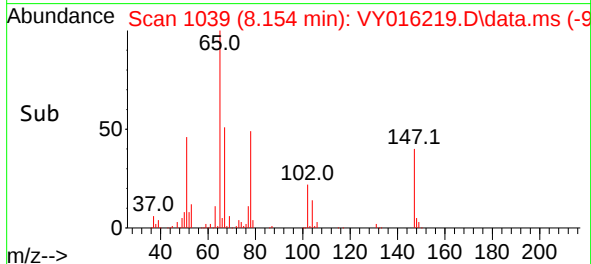
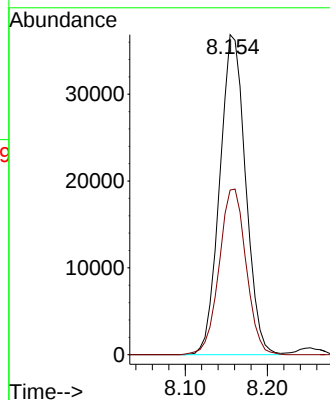
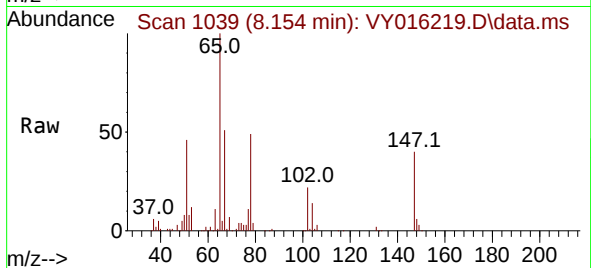
67 53.9 0.0 101.8

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: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016219.D

Acq: 03 Nov 2023 18:47

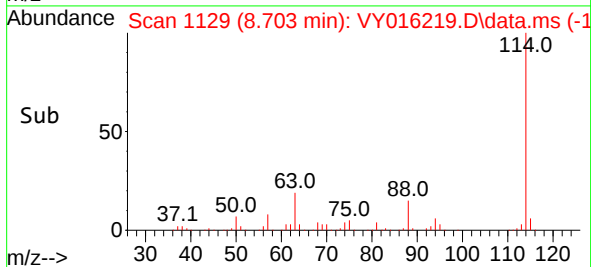
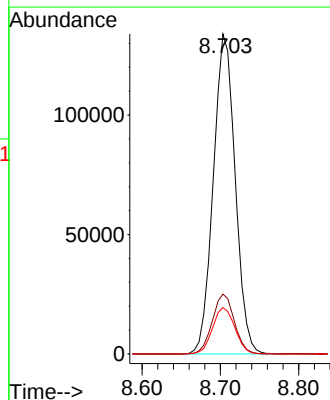
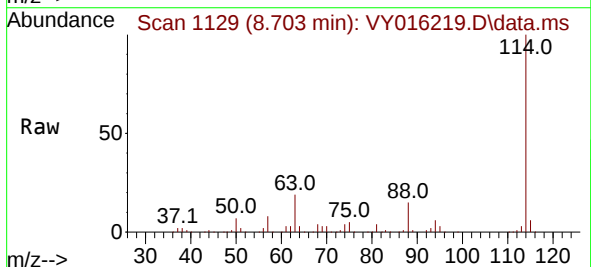
Tgt Ion:114 Resp: 260165

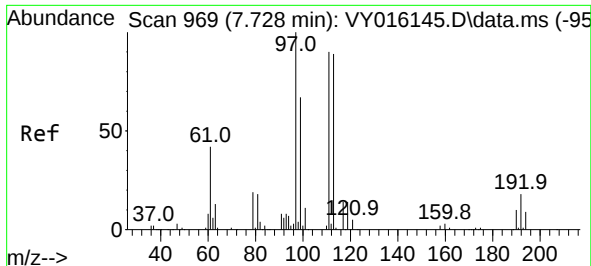
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

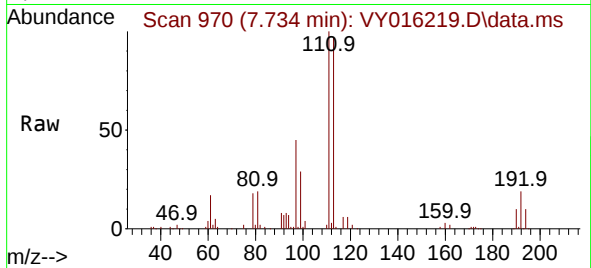
88 14.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.109 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

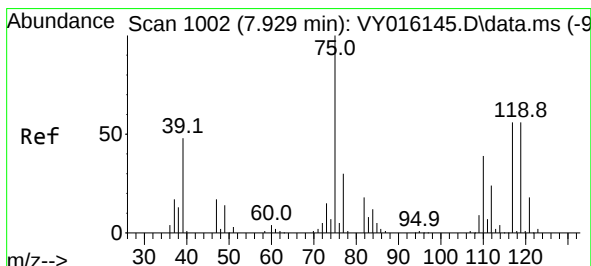
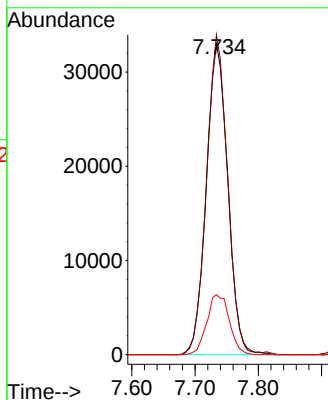
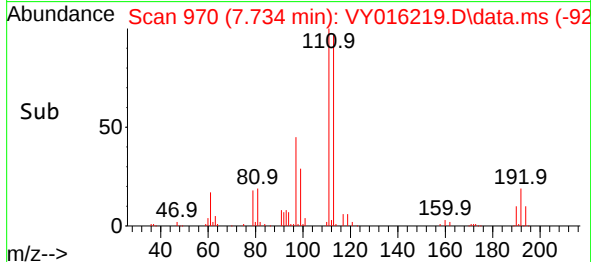
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02



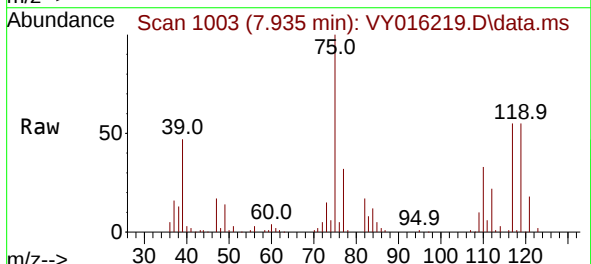
Tgt Ion:113 Resp: 77720
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 20.3 16.9 25.3

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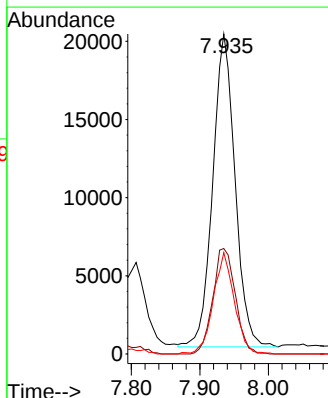
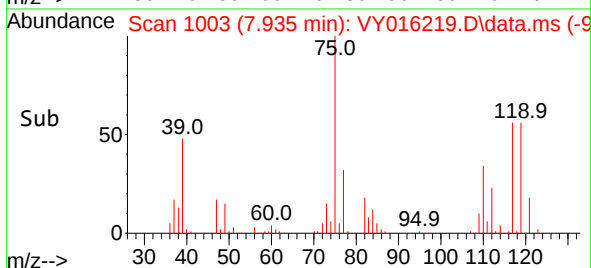
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

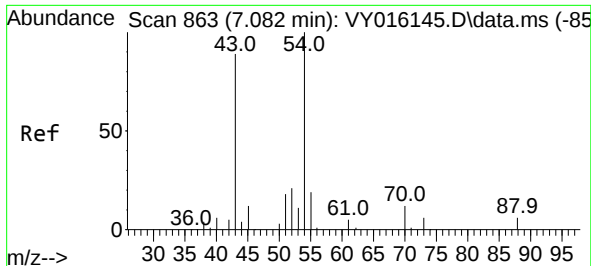


#36
1,1-Dichloropropene
Concen: 20.216 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47



Tgt Ion: 75 Resp: 45278
Ion Ratio Lower Upper
75 100
110 34.0 17.8 53.5
77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 22.750 ug/l

RT: 7.094 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY016219.D

Acq: 03 Nov 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS02

Tgt Ion: 43 Resp: 22694

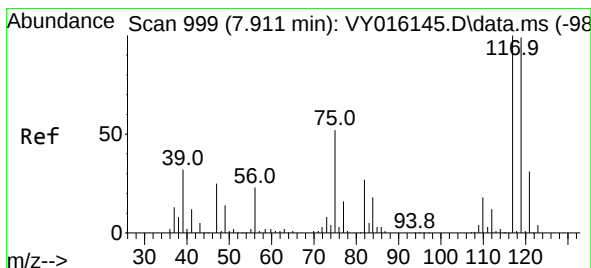
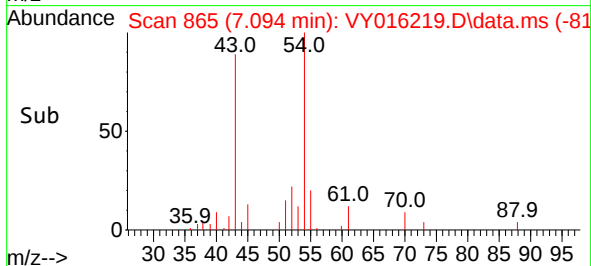
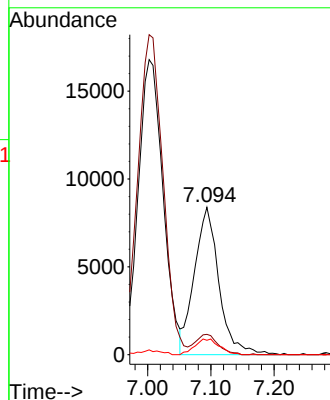
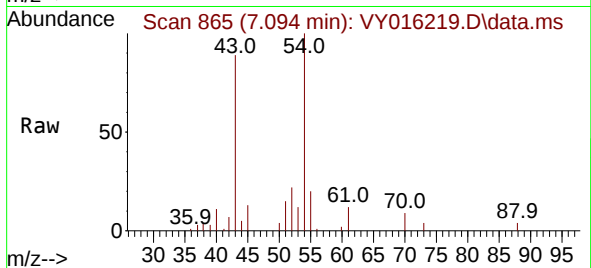
Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.1	15.1
70	10.6	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#38

Carbon Tetrachloride

Concen: 21.589 ug/l

RT: 7.917 min Scan# 1000

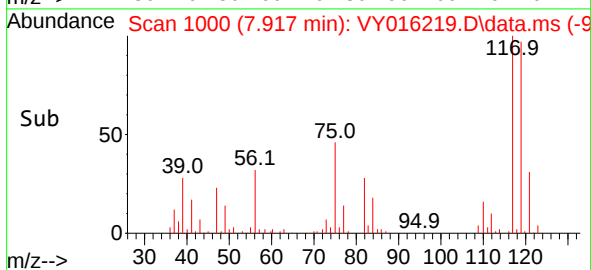
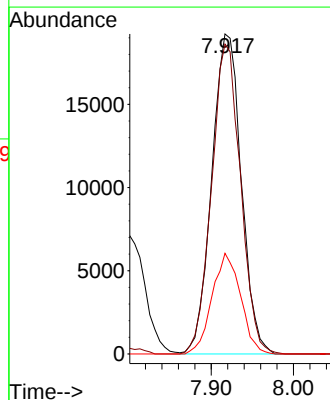
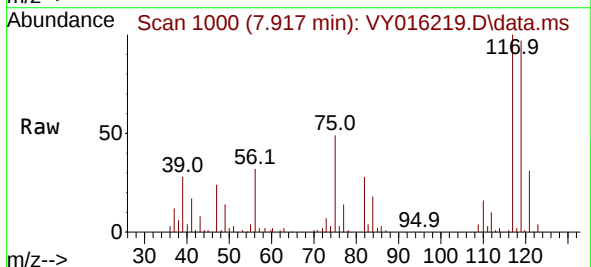
Delta R.T. 0.006 min

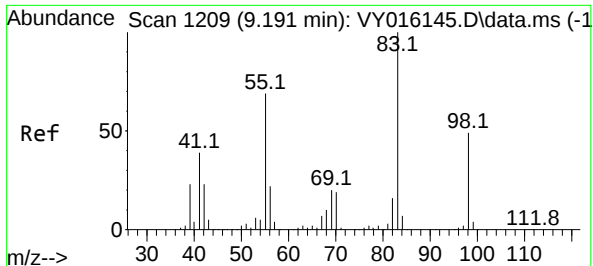
Lab File: VY016219.D

Acq: 03 Nov 2023 18:47

Tgt Ion:117 Resp: 47904

Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.4	114.6
121	31.5	25.8	38.6





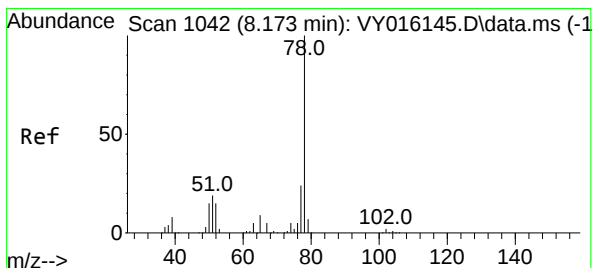
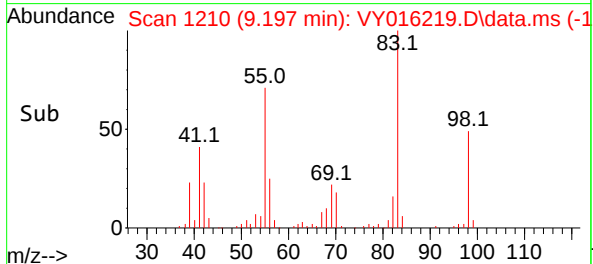
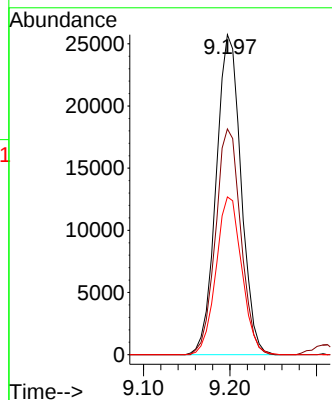
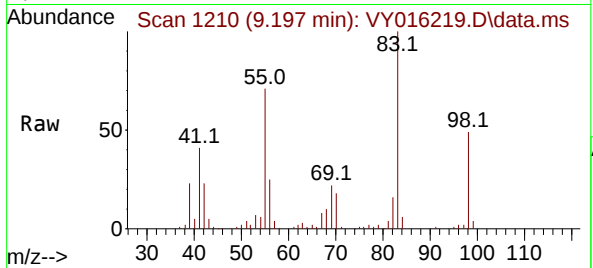
#39
Methylcyclohexane
Concen: 19.203 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02

Tgt Ion: 83 Resp: 5133
Ion Ratio Lower Upper
83 100
55 70.6 63.0 94.4
98 49.3 37.4 56.2

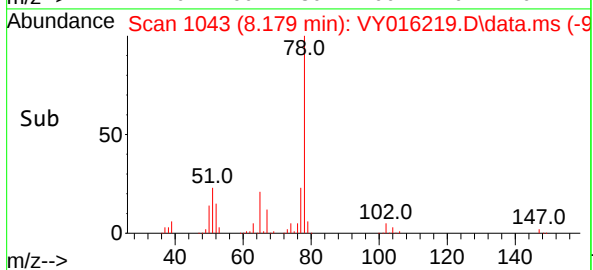
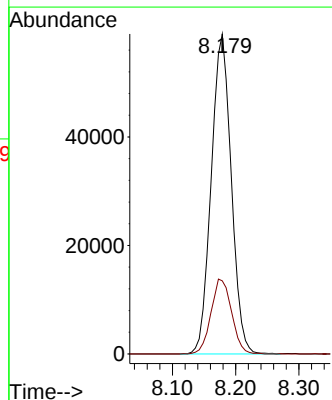
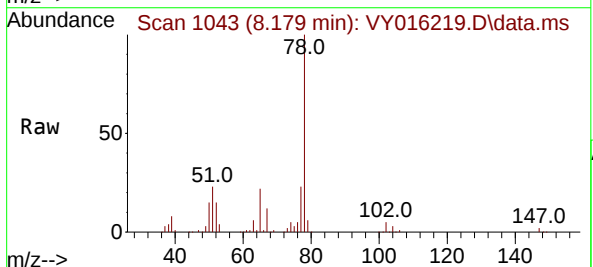
Manual Integrations
APPROVED

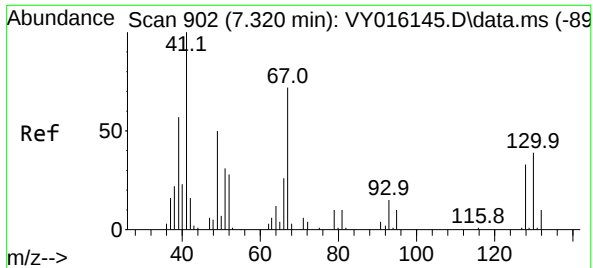
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#40
Benzene
Concen: 20.131 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

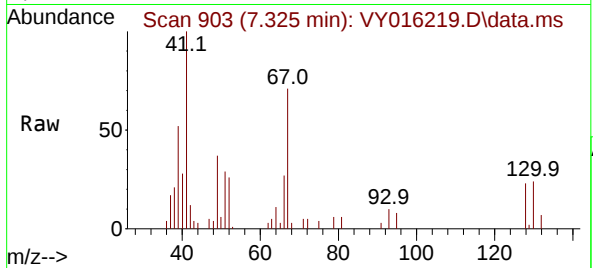
Tgt Ion: 78 Resp: 129437
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.6





#41
Methacrylonitrile
Concen: 22.621 ug/l m
RT: 7.325 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

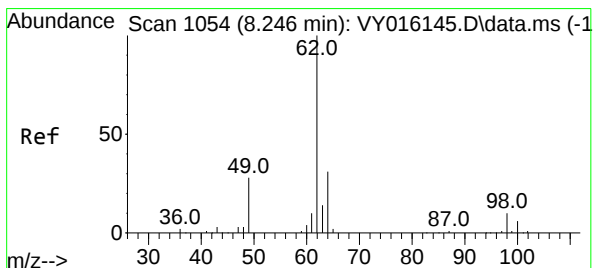
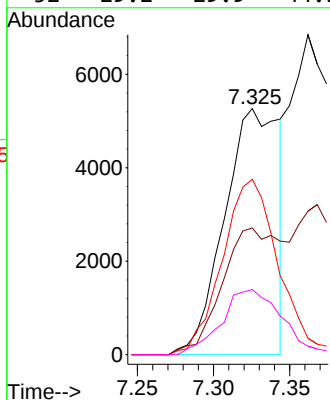
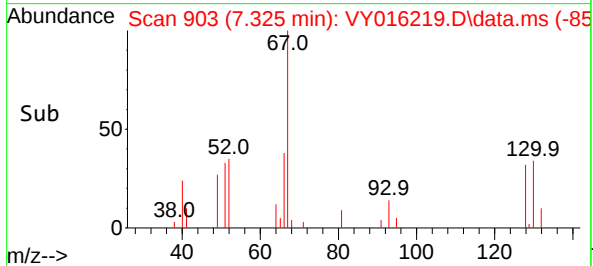
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02



Tgt Ion: 41 Resp: 13098
Ion Ratio Lower Upper
41 100
39 59.7 52.1 78.1
67 73.4 66.2 99.2
52 29.2 29.9 44.9#

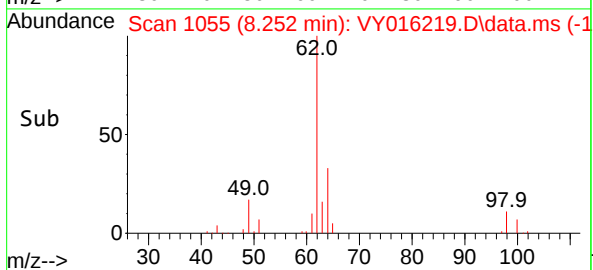
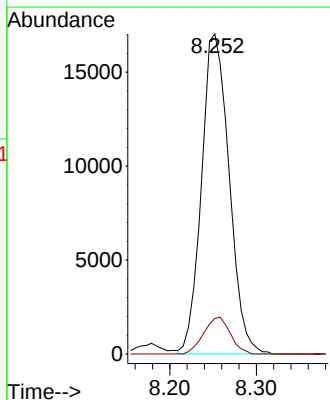
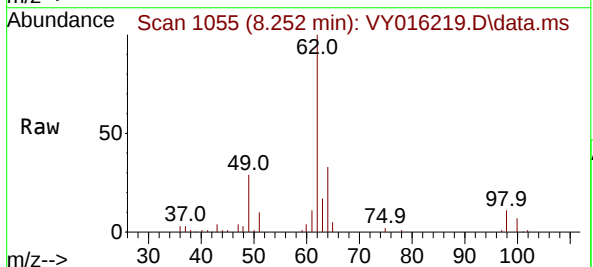
Manual Integrations
APPROVED

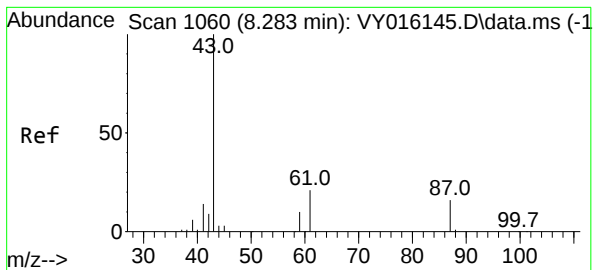
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#42
1,2-Dichloroethane
Concen: 21.082 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Tgt Ion: 62 Resp: 37828
Ion Ratio Lower Upper
62 100
98 11.0 0.0 15.8





#43

Isopropyl Acetate

Concen: 21.854 ug/l

RT: 8.289 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VY016219.D

Acq: 03 Nov 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS02

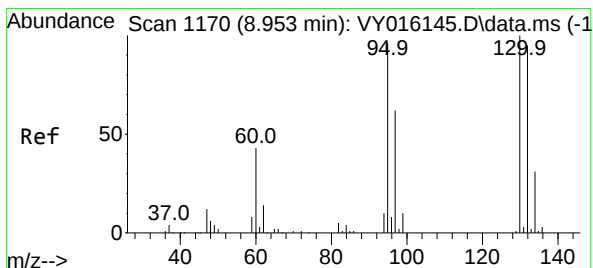
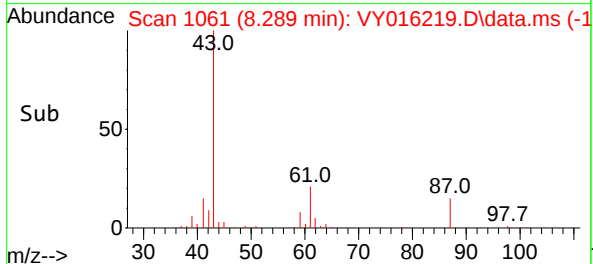
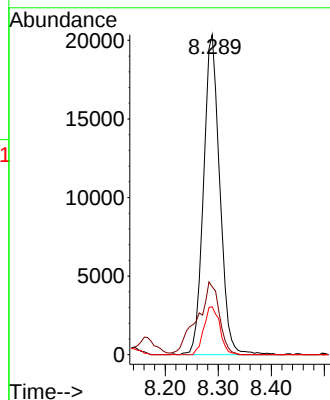
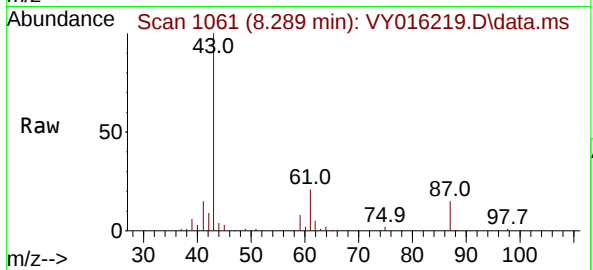
Tgt Ion: 43	Resp: 4312
Ion Ratio	Lower Upper
43	100
61	31.2 21.1 31.7
87	14.8 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#44

Trichloroethene

Concen: 20.419 ug/l

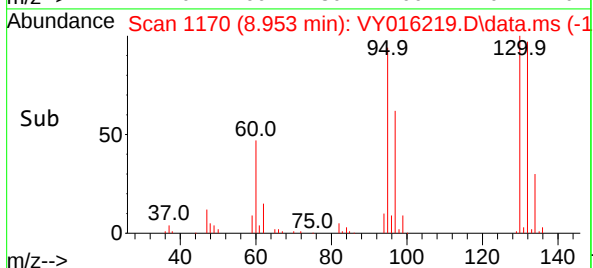
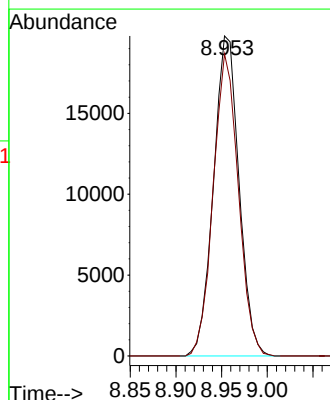
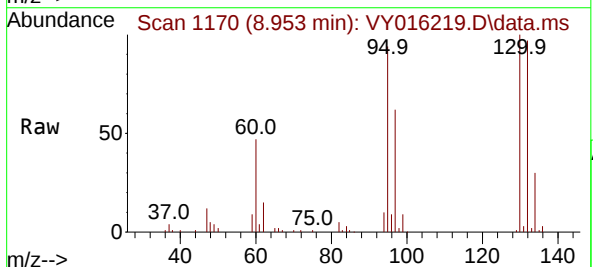
RT: 8.953 min Scan# 1170

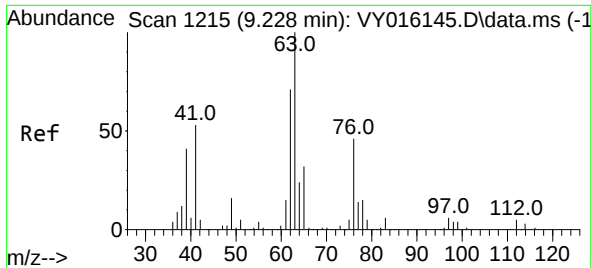
Delta R.T. -0.000 min

Lab File: VY016219.D

Acq: 03 Nov 2023 18:47

Tgt Ion:130	Resp: 38422
Ion Ratio	Lower Upper
130	100
95	94.4 0.0 196.0





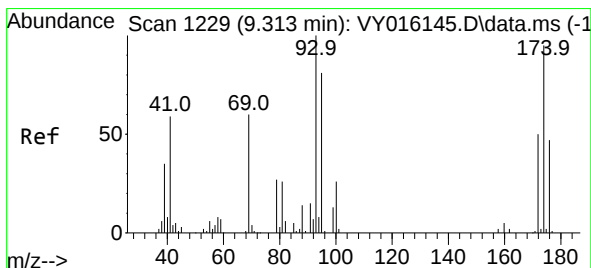
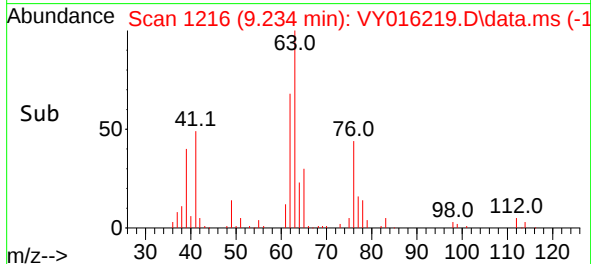
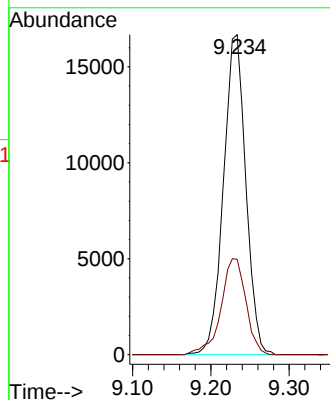
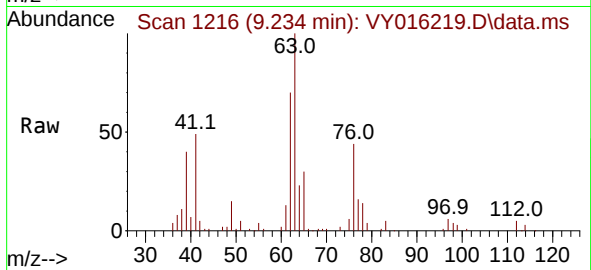
#45
1,2-Dichloropropane
Concen: 21.391 ug/l
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02

Tgt Ion: 63 Resp: 3308
Ion Ratio Lower Upper
63 100
65 29.8 23.8 35.6

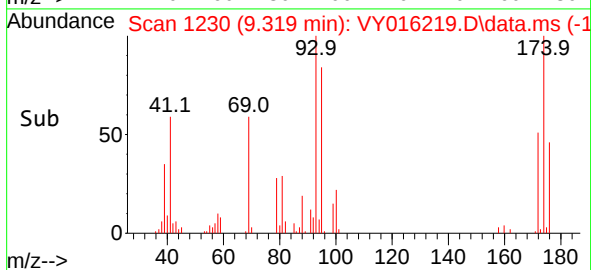
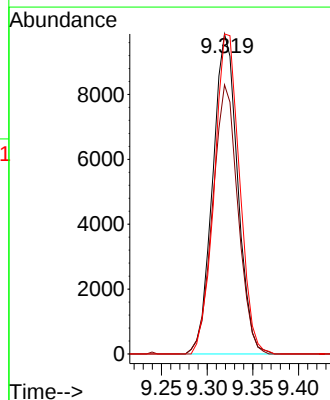
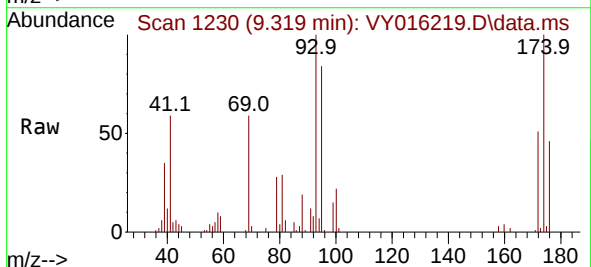
Manual Integrations
APPROVED

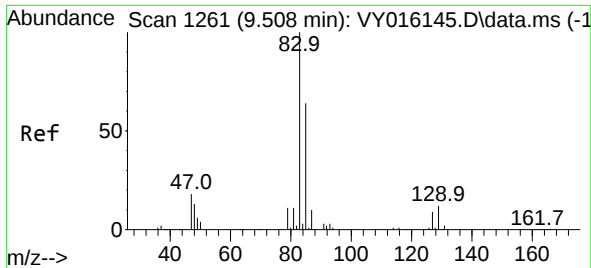
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#46
Dibromomethane
Concen: 21.344 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Tgt Ion: 93 Resp: 18728
Ion Ratio Lower Upper
93 100
95 85.0 66.6 100.0
174 101.1 84.8 127.2





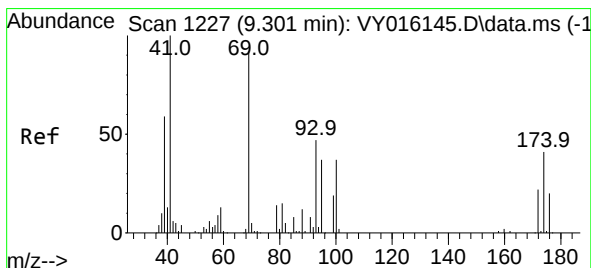
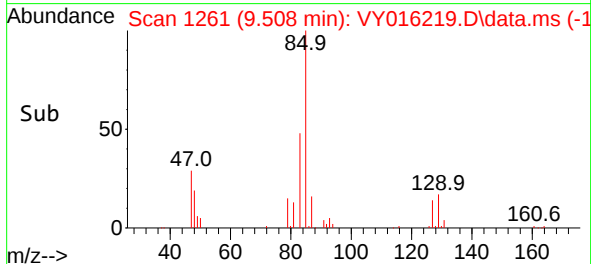
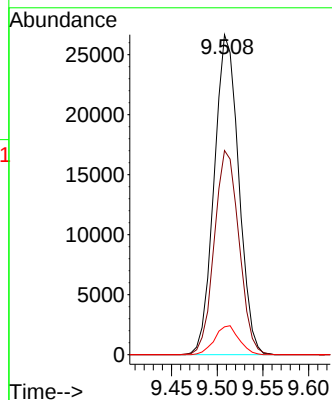
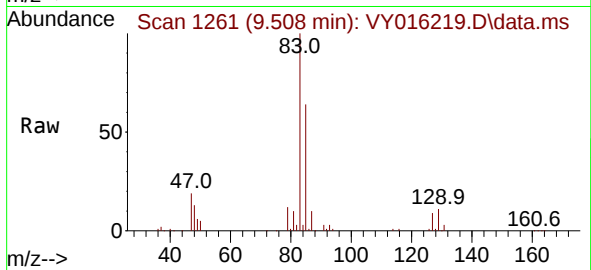
#47
Bromodichloromethane
Concen: 22.309 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02

Tgt Ion: 83 Resp: 49730
Ion Ratio Lower Upper
83 100
85 63.8 50.1 75.1
127 8.7 7.1 10.7

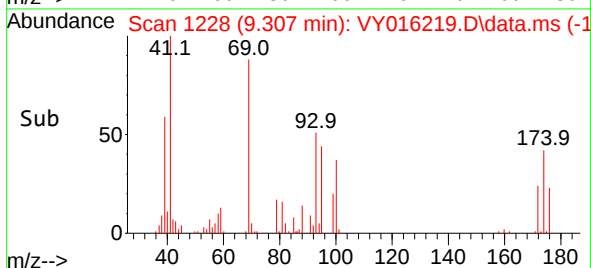
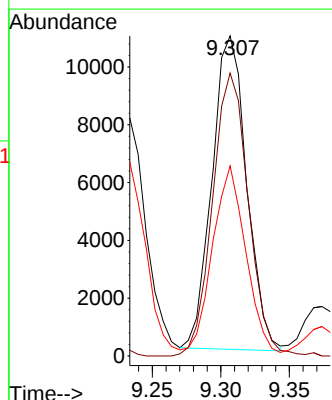
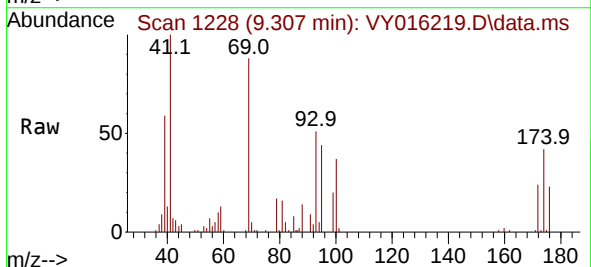
Manual Integrations
APPROVED

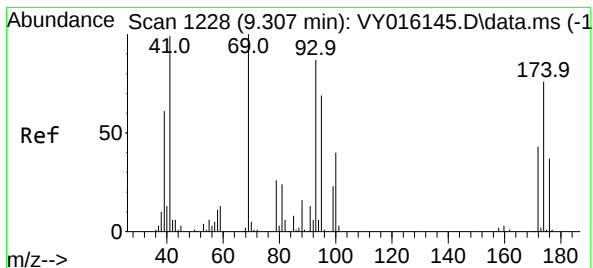
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#48
Methyl methacrylate
Concen: 21.238 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Tgt Ion: 41 Resp: 19056
Ion Ratio Lower Upper
41 100
69 93.7 64.5 96.7
39 59.2 50.8 76.2





#49

1,4-Dioxane

Concen: 360.606 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016219.D

Acq: 03 Nov 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS02

Tgt Ion: 88 Resp: 4539

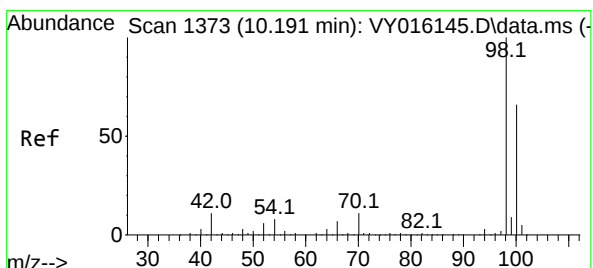
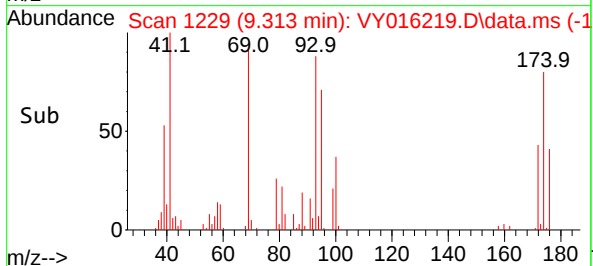
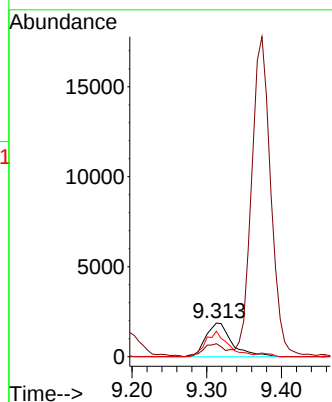
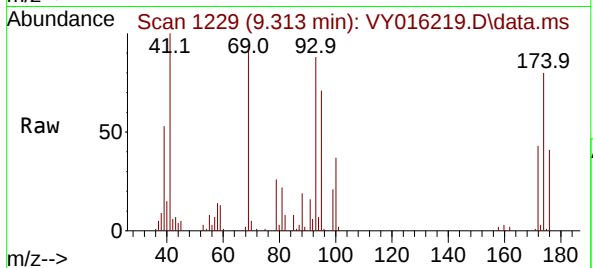
Ion	Ratio	Lower	Upper
88	100		
43	29.1	0.0	0.0
58	64.8	30.9	46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#50

Toluene-d8

Concen: 50.796 ug/l

RT: 10.191 min Scan# 1373

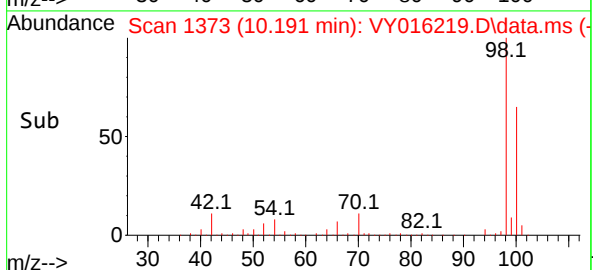
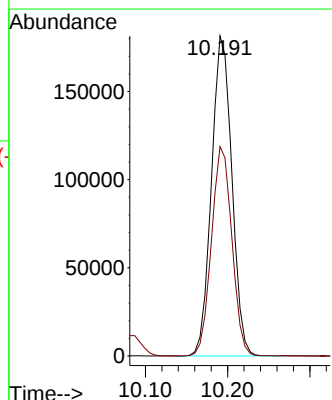
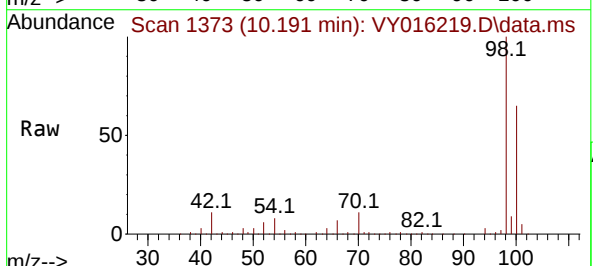
Delta R.T. -0.000 min

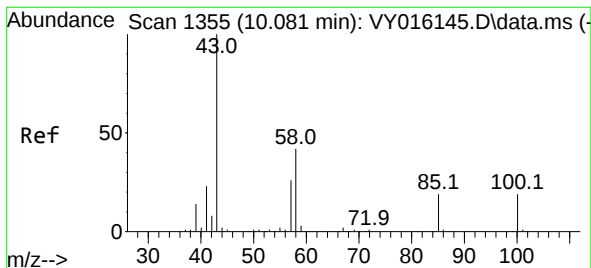
Lab File: VY016219.D

Acq: 03 Nov 2023 18:47

Tgt Ion: 98 Resp: 312373

Ion	Ratio	Lower	Upper
98	100		
100	65.5	50.1	75.1





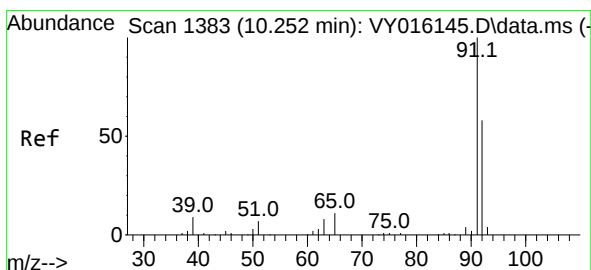
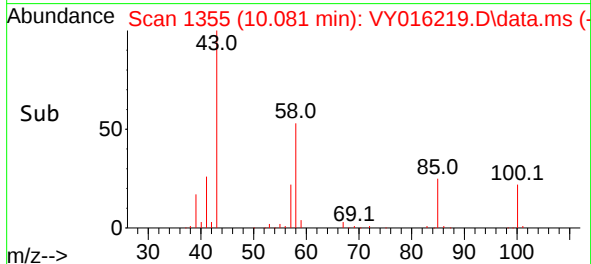
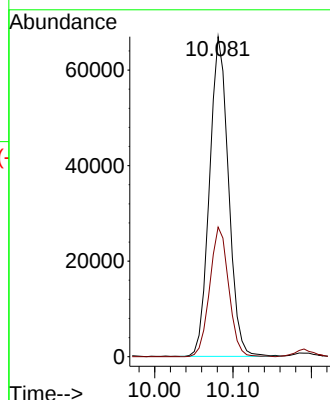
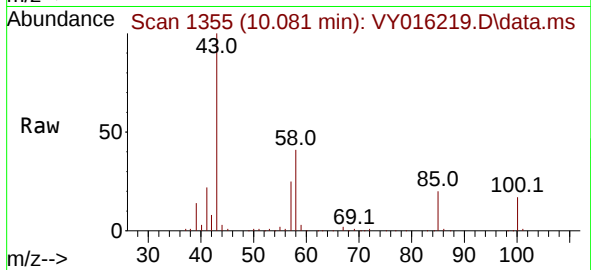
#51
4-Methyl-2-Pentanone
Concen: 114.314 ug/l
RT: 10.081 min Scan# 112549
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02

Tgt Ion: 43 Resp: 112549
Ion Ratio Lower Upper
43 100
58 40.5 29.0 43.6

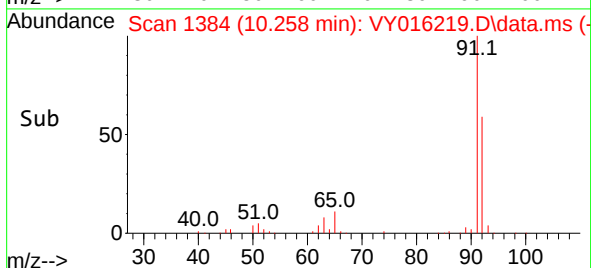
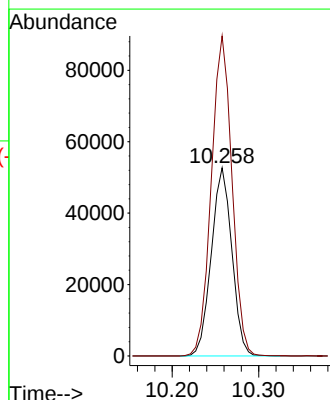
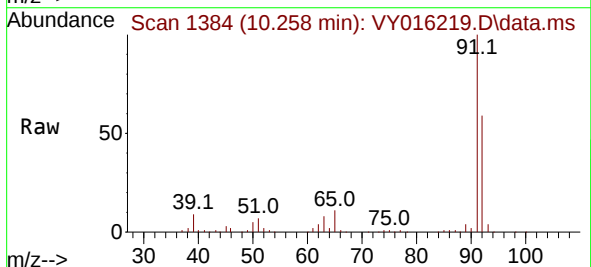
Manual Integrations
APPROVED

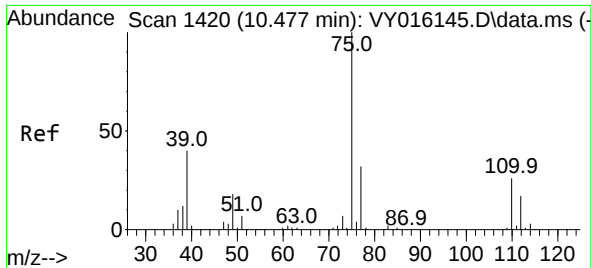
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#52
Toluene
Concen: 20.825 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

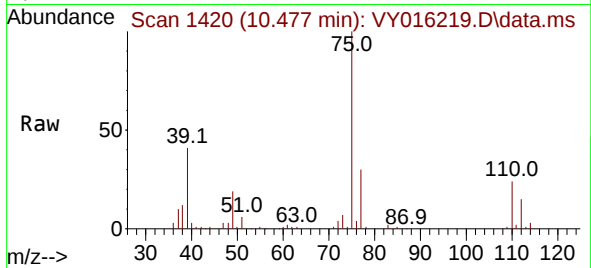
Tgt Ion: 92 Resp: 86767
Ion Ratio Lower Upper
92 100
91 171.1 143.8 215.6





#53
 t-1,3-Dichloropropene
 Concen: 21.535 ug/l
 RT: 10.477 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VY016219.D
 Acq: 03 Nov 2023 18:47

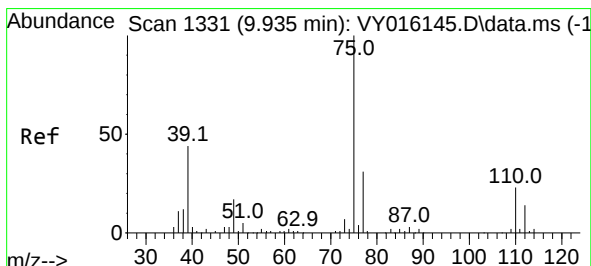
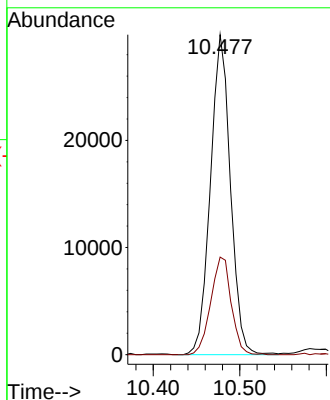
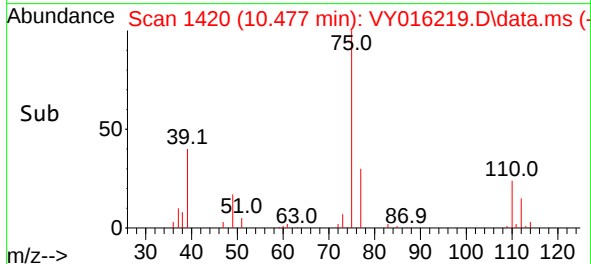
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS02



Tgt Ion: 75 Resp: 47927
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.0 37.4

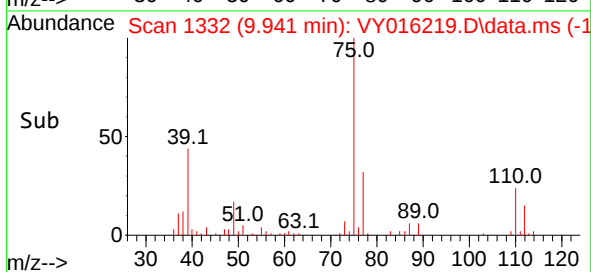
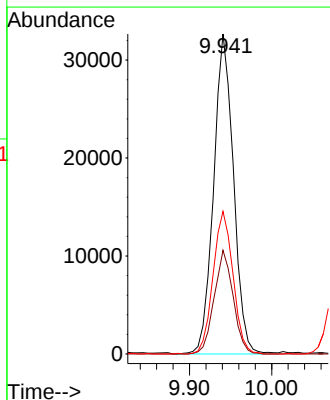
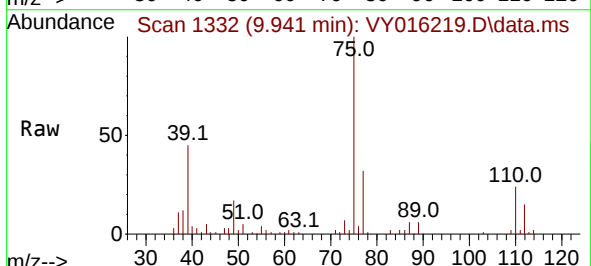
Manual Integrations
 APPROVED

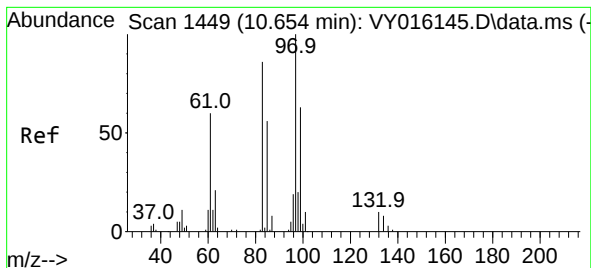
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#54
 cis-1,3-Dichloropropene
 Concen: 21.022 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY016219.D
 Acq: 03 Nov 2023 18:47

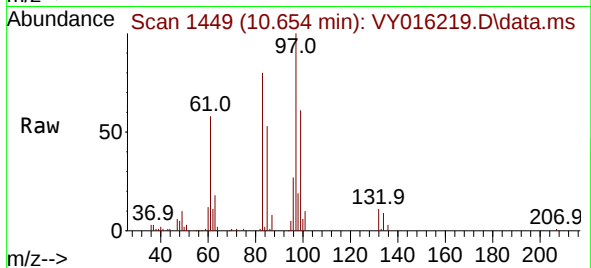
Tgt Ion: 75 Resp: 54898
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.2 36.4
 39 44.5 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 21.987 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

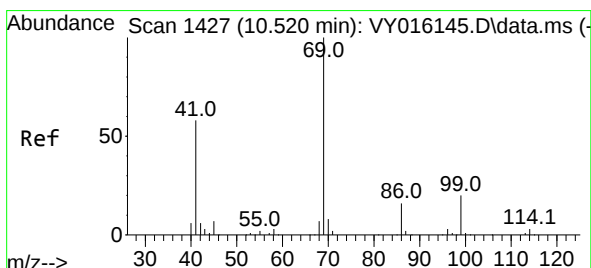
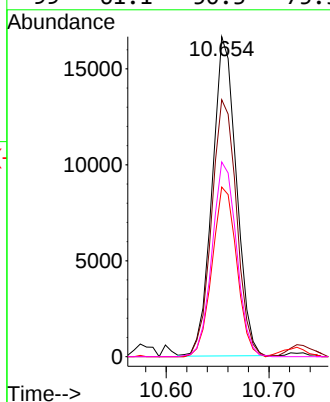
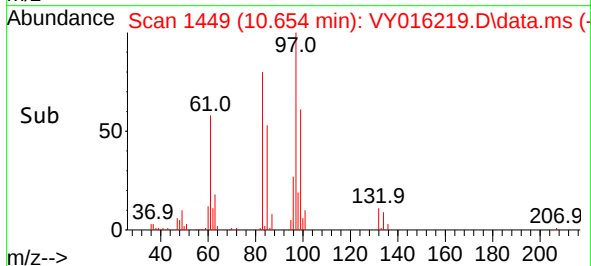
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02



Tgt Ion: 97 Resp: 27138
Ion Ratio Lower Upper
97 100
83 80.6 72.0 108.0
85 53.2 45.4 68.0
99 61.1 50.3 75.5

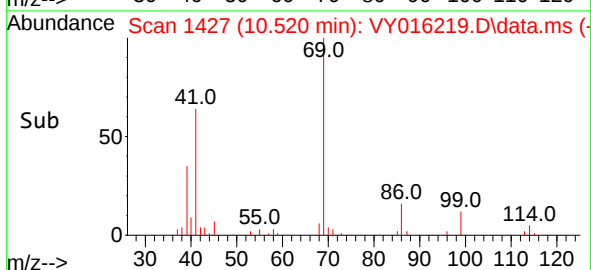
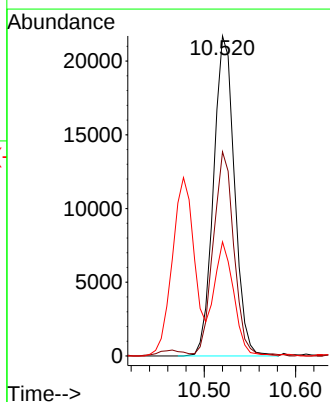
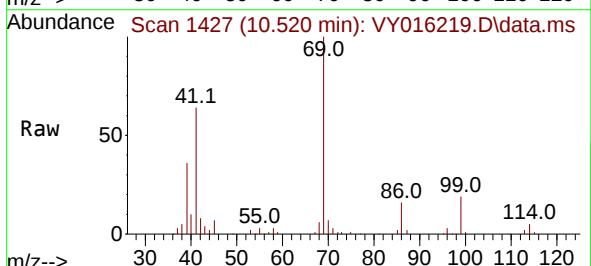
Manual Integrations
APPROVED

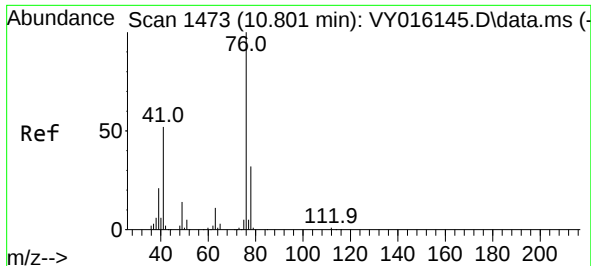
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#56
Ethyl methacrylate
Concen: 21.571 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Tgt Ion: 69 Resp: 34577
Ion Ratio Lower Upper
69 100
41 63.3 57.6 86.4
39 32.6 34.1 51.1





#57

1,3-Dichloropropane

Concen: 21.419 ug/l

RT: 10.800 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VY016219.D

Acq: 03 Nov 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS02

Tgt Ion: 76 Resp: 45000

Ion Ratio Lower Upper

76 100

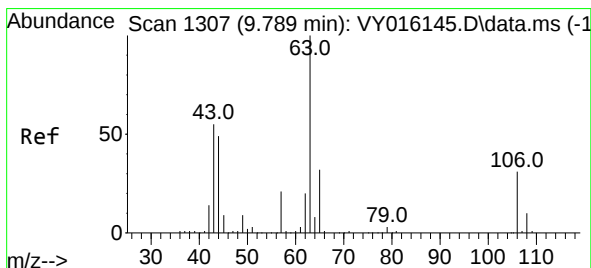
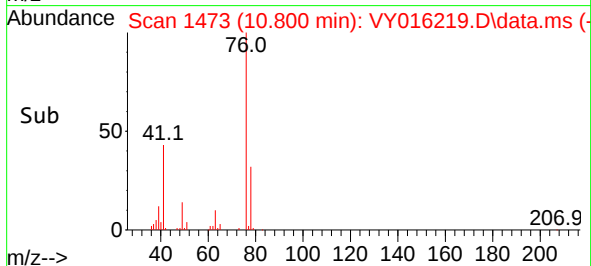
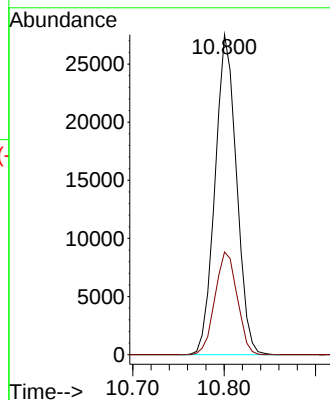
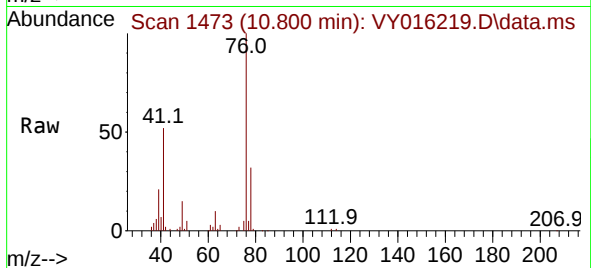
78 33.1 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 108.745 ug/l

RT: 9.794 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY016219.D

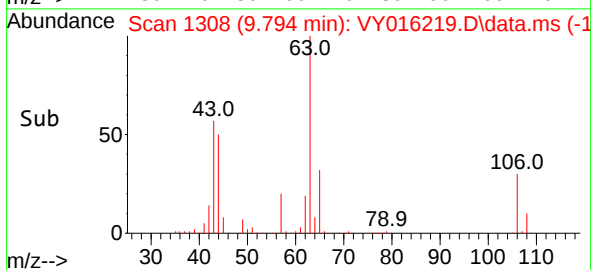
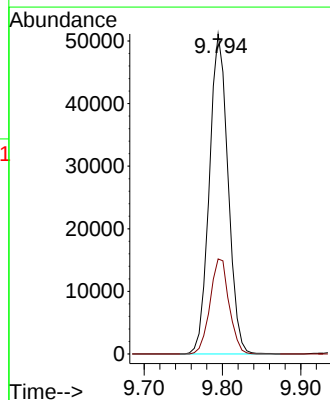
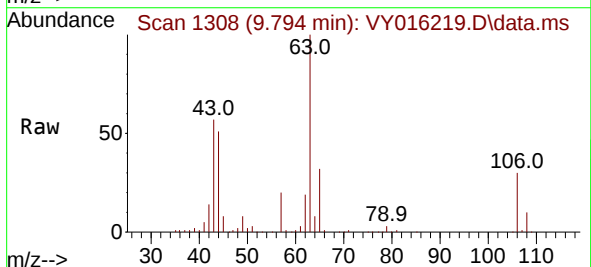
Acq: 03 Nov 2023 18:47

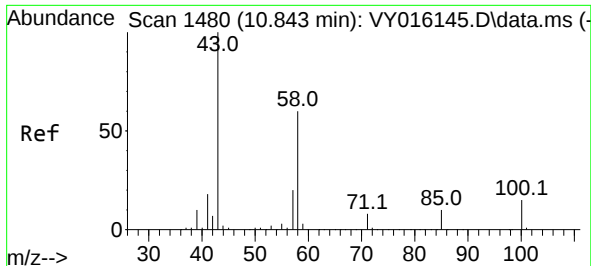
Tgt Ion: 63 Resp: 84524

Ion Ratio Lower Upper

63 100

106 30.2 21.2 31.8





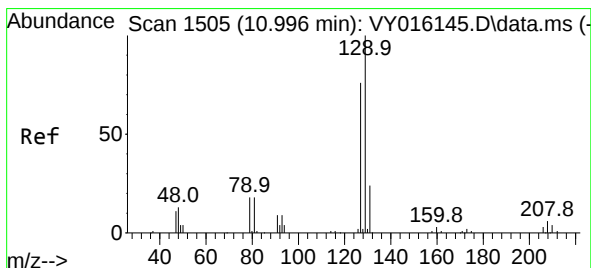
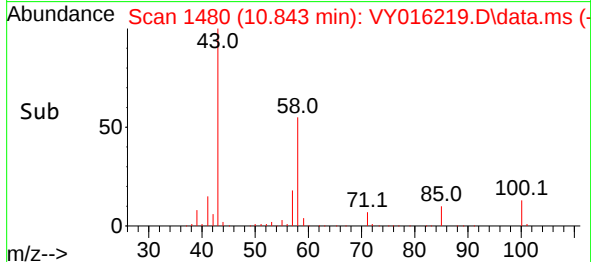
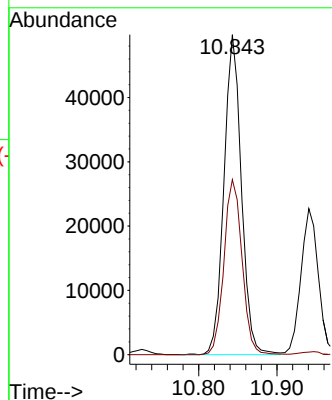
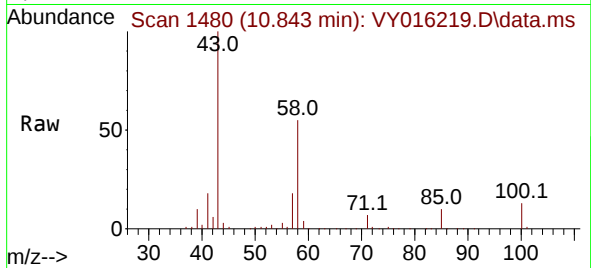
#59
2-Hexanone
Concen: 114.321 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02

Tgt Ion: 43 Resp: 77130
Ion Ratio Lower Upper
43 100
58 56.7 25.1 75.3

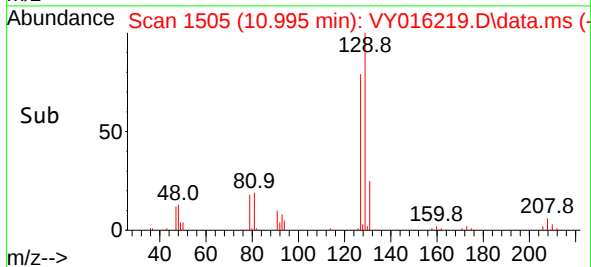
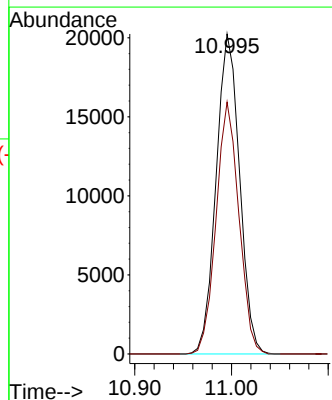
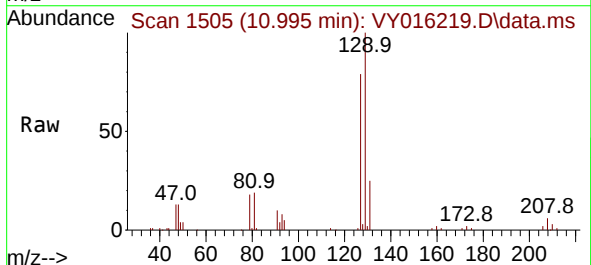
Manual Integrations
APPROVED

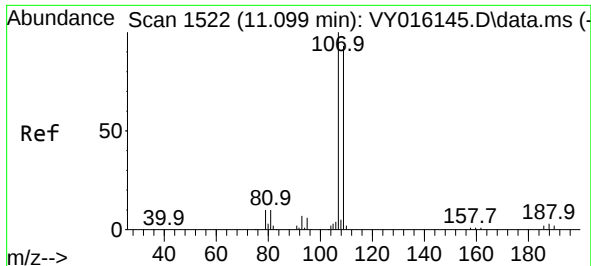
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#60
Dibromochloromethane
Concen: 21.966 ug/l
RT: 10.995 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

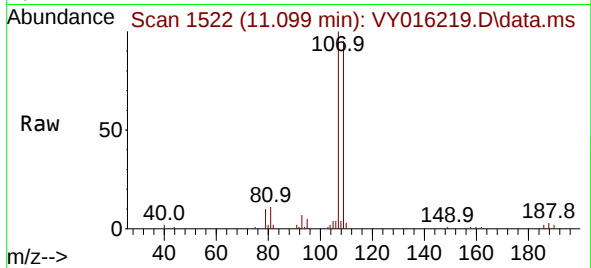
Tgt Ion:129 Resp: 34013
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 21.576 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

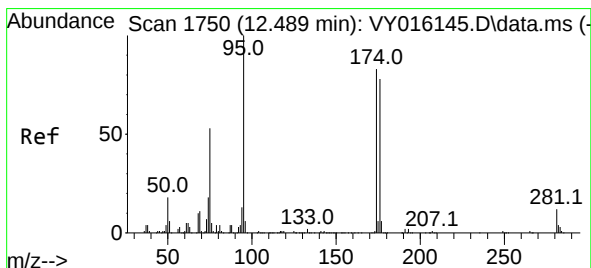
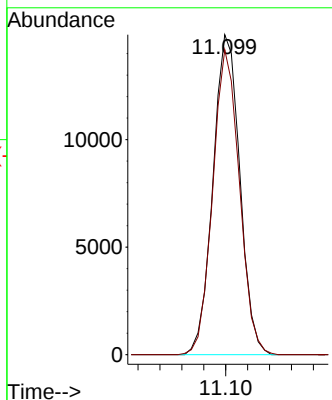
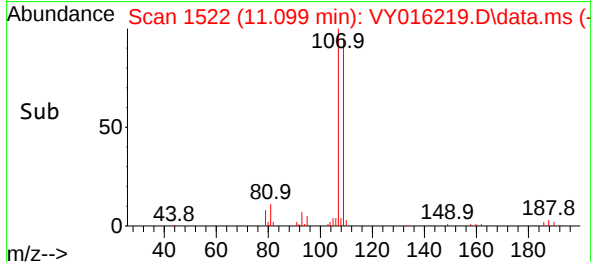
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02



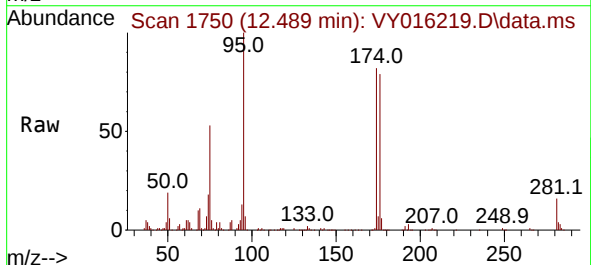
Tgt Ion:107 Resp: 25330
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4

Manual Integrations
APPROVED

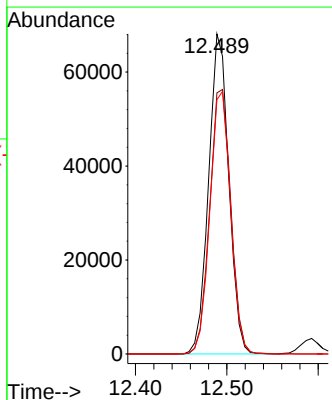
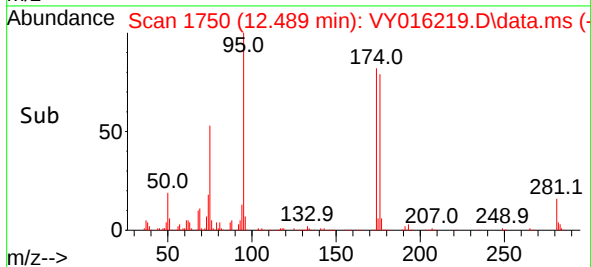
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

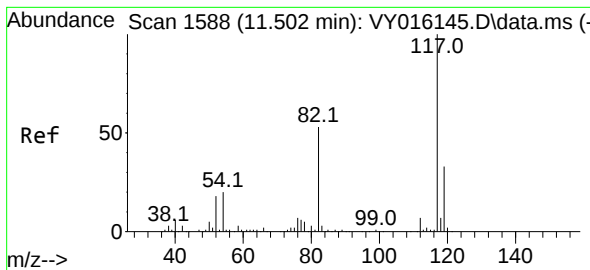


#62
4-Bromofluorobenzene
Concen: 49.557 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47



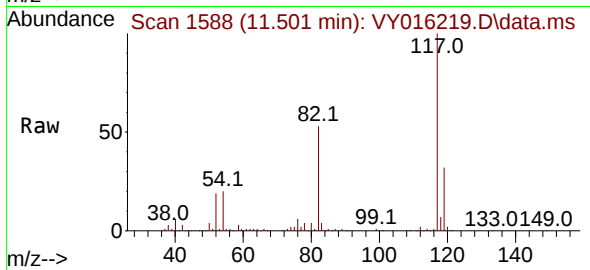
Tgt Ion: 95 Resp: 104208
Ion Ratio Lower Upper
95 100
174 86.9 0.0 178.2
176 84.3 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

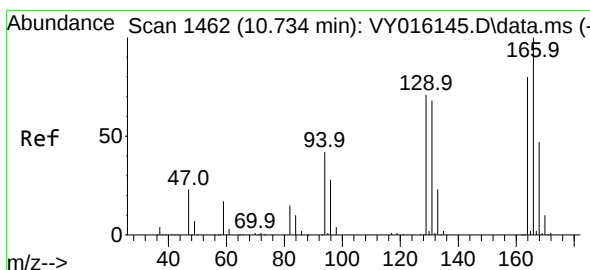
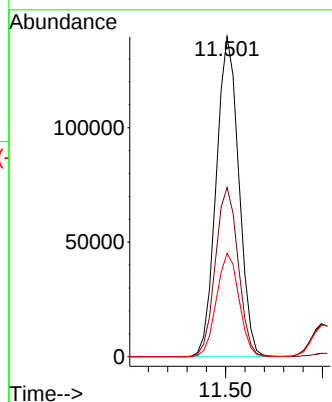
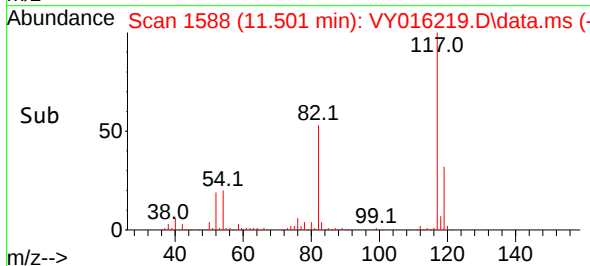
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02



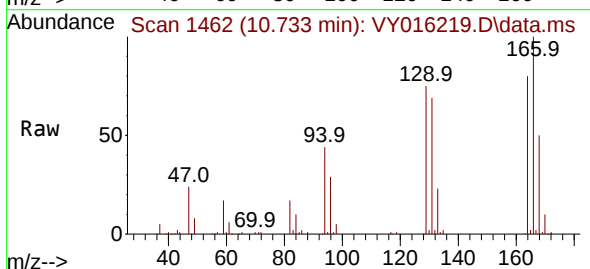
Tgt Ion:117 Resp: 22682
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.0
119 32.3 26.3 39.5

Manual Integrations
APPROVED

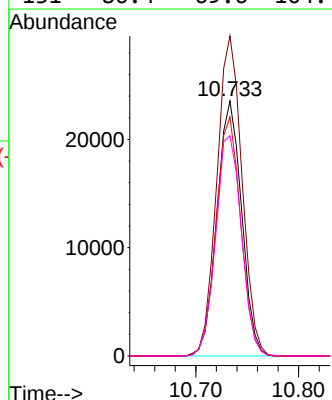
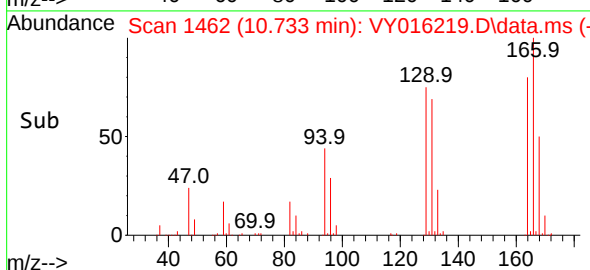
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

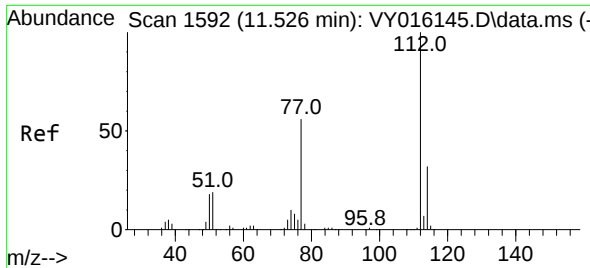


#64
Tetrachloroethene
Concen: 19.531 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47



Tgt Ion:164 Resp: 39406
Ion Ratio Lower Upper
164 100
166 125.6 103.0 154.6
129 93.7 77.2 115.8
131 86.4 69.6 104.4





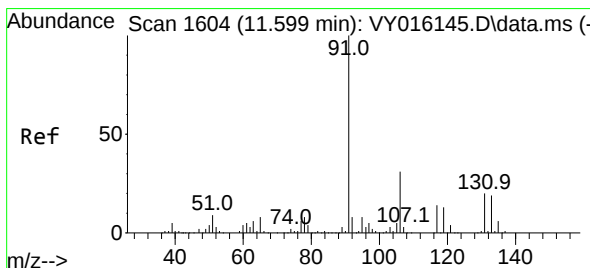
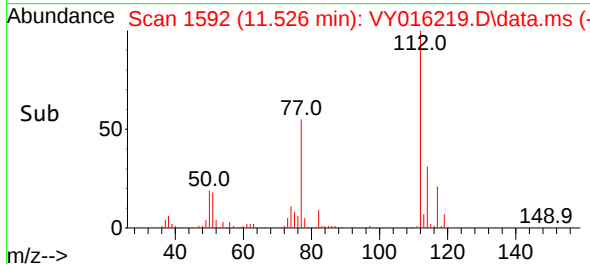
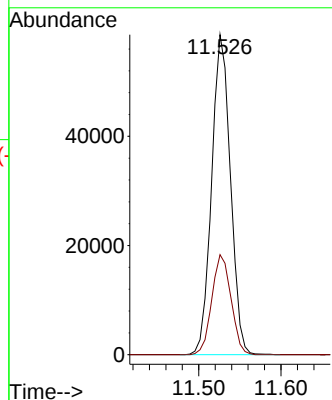
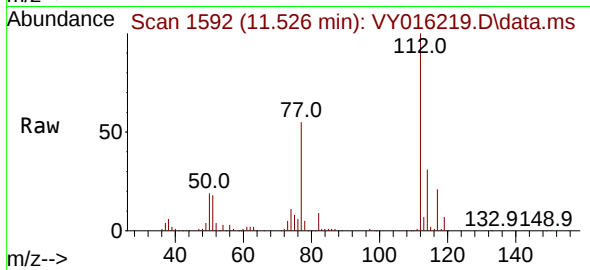
#65
Chlorobenzene
Concen: 20.661 ug/l
RT: 11.526 min Scan# 11592
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02

Tgt Ion:112 Resp: 93109
Ion Ratio Lower Upper
112 100
114 31.3 25.5 38.3

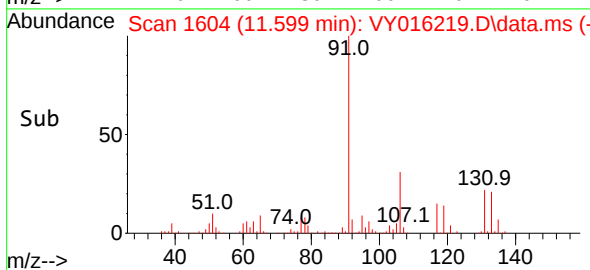
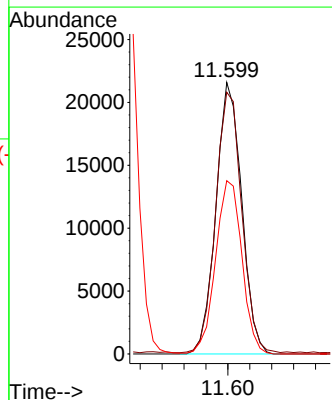
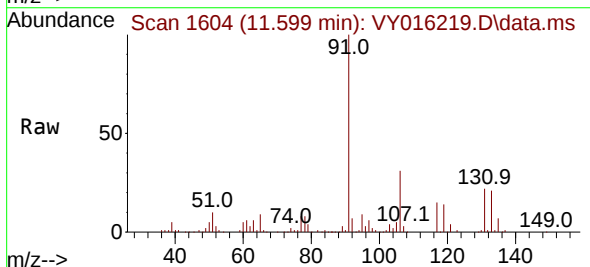
Manual Integrations
APPROVED

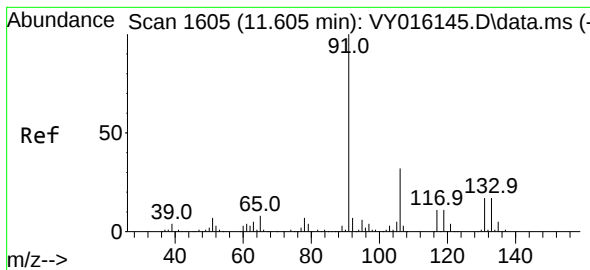
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.117 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

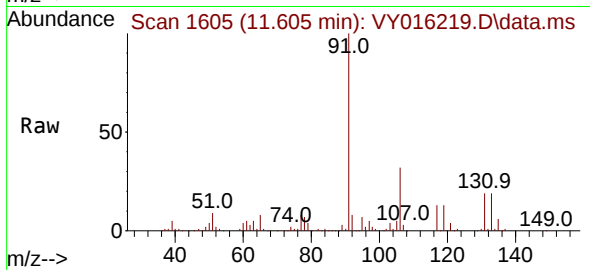
Tgt Ion:131 Resp: 35248
Ion Ratio Lower Upper
131 100
133 97.3 47.5 142.6
119 65.2 31.6 94.7





#67
Ethyl Benzene
Concen: 20.407 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

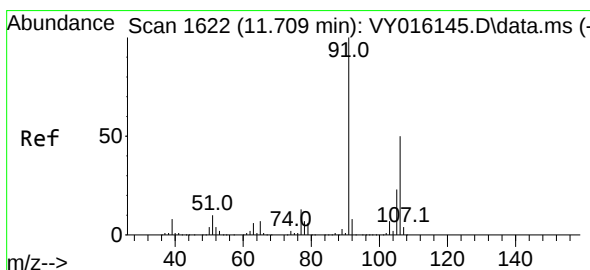
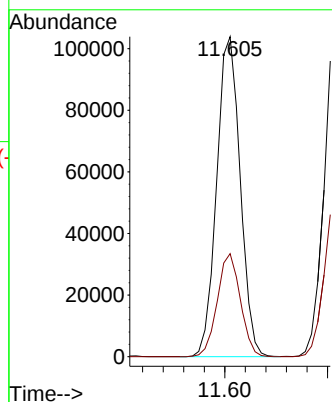
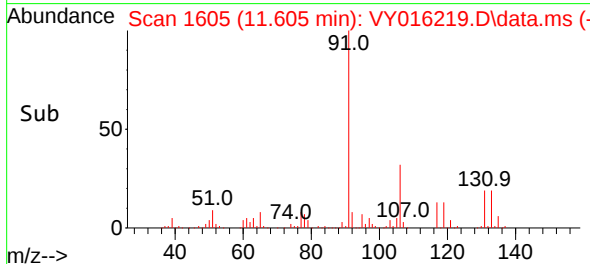
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02



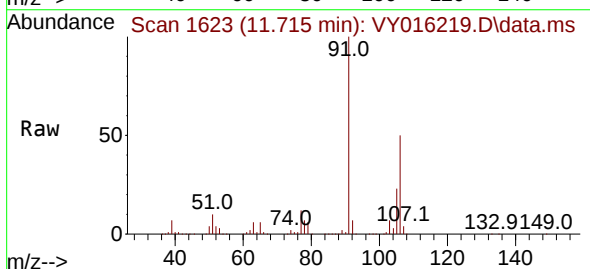
Tgt Ion: 91 Resp: 164490
Ion Ratio Lower Upper
91 100
106 32.2 24.6 36.8

Manual Integrations
APPROVED

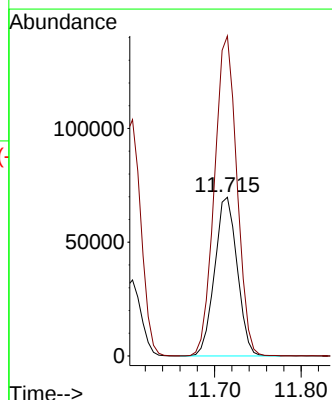
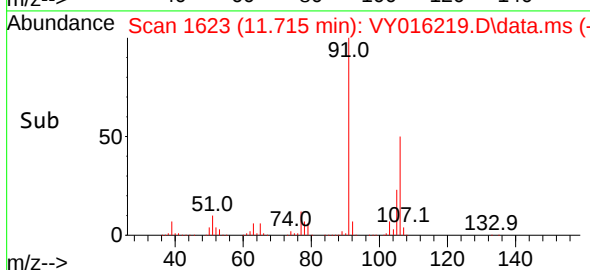
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

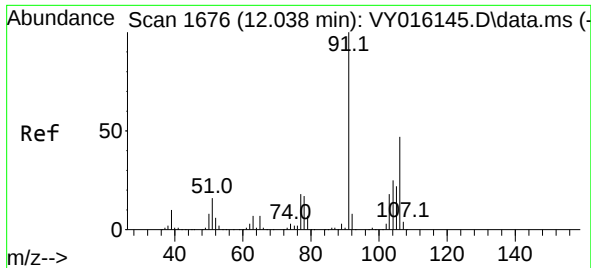


#68
m/p-Xylenes
Concen: 40.535 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47



Tgt Ion:106 Resp: 126255
Ion Ratio Lower Upper
106 100
91 200.3 166.1 249.1





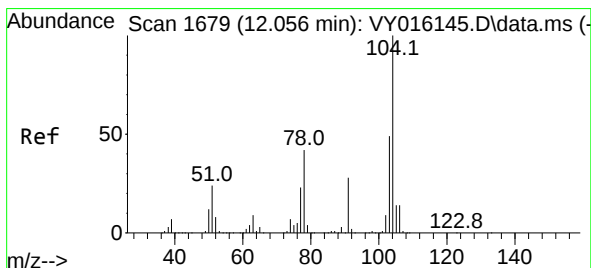
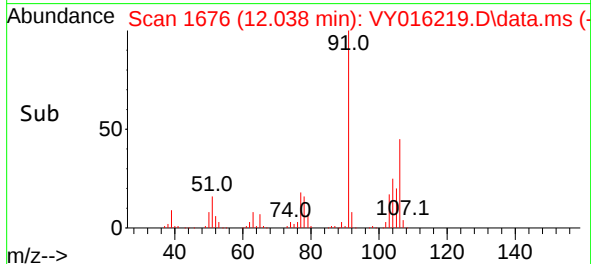
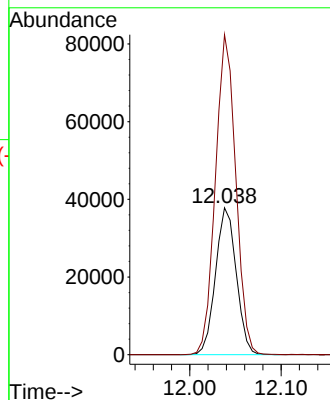
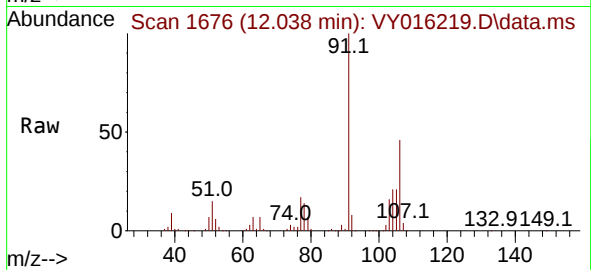
#69
o-Xylene
Concen: 20.059 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02

Tgt Ion:106 Resp: 5965
Ion Ratio Lower Upper
106 100
91 214.0 108.1 324.3

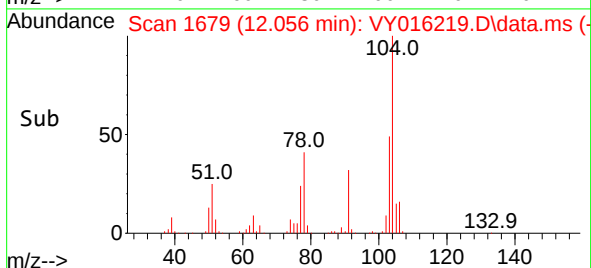
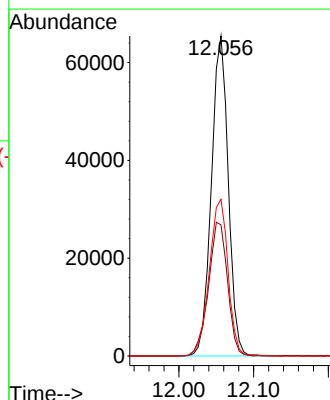
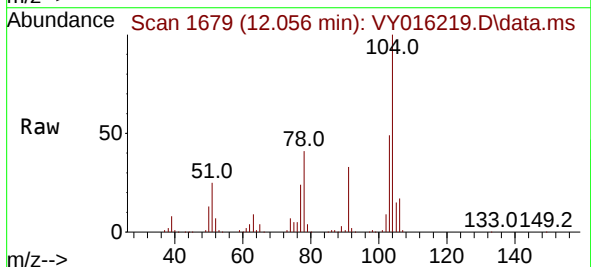
Manual Integrations
APPROVED

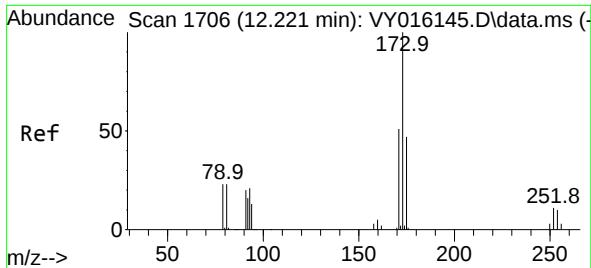
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#70
Styrene
Concen: 20.777 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

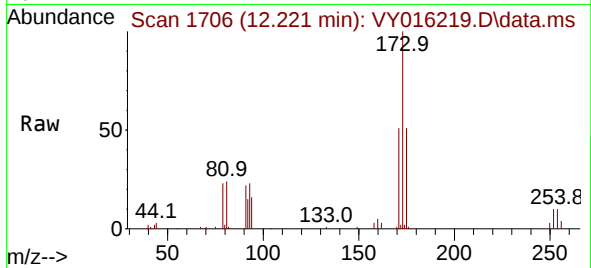
Tgt Ion:104 Resp: 102717
Ion Ratio Lower Upper
104 100
78 47.0 41.5 62.3
103 54.2 44.6 67.0





#71
Bromoform
Concen: 21.942 ug/l
RT: 12.221 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

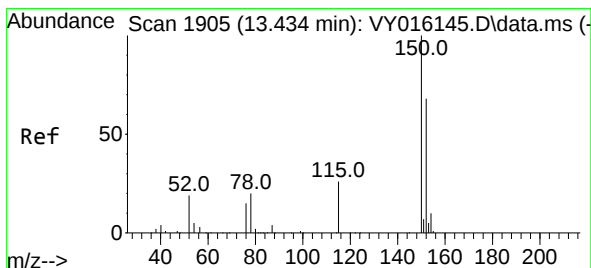
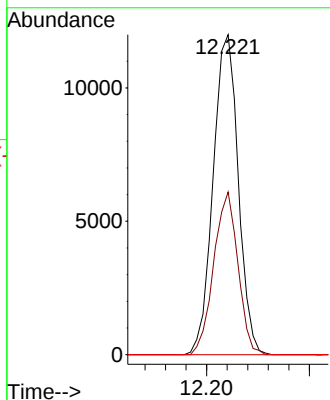
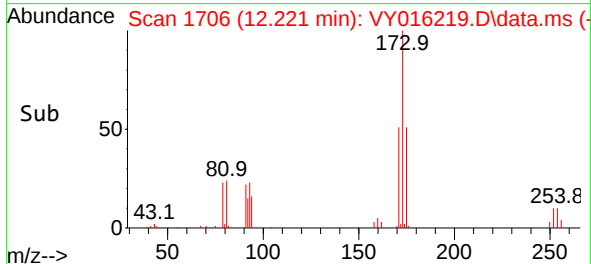
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02



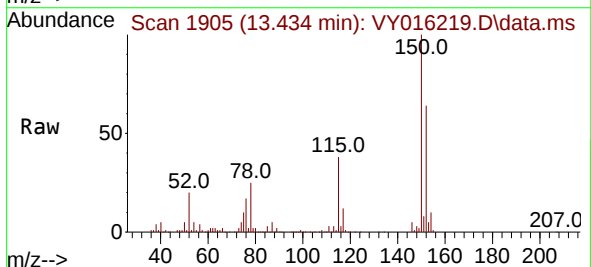
Tgt Ion:173 Resp: 20318
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
APPROVED

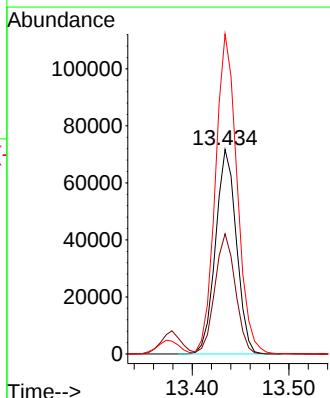
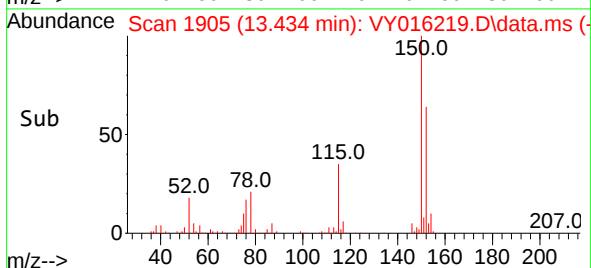
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

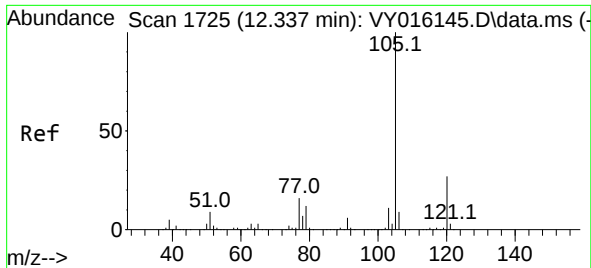


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47



Tgt Ion:152 Resp: 107139
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.5
150 162.6 0.0 348.8





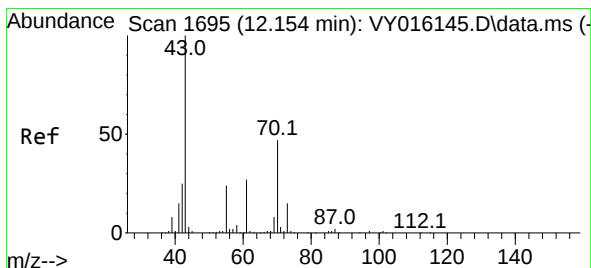
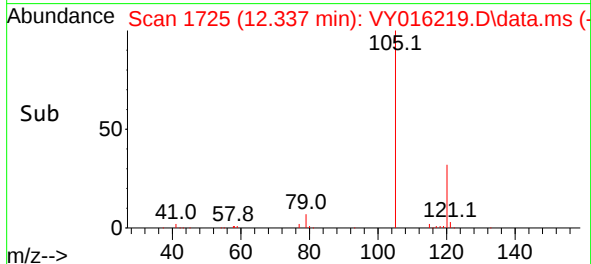
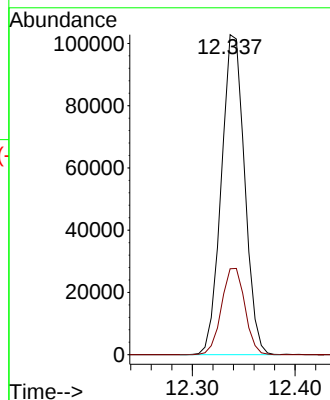
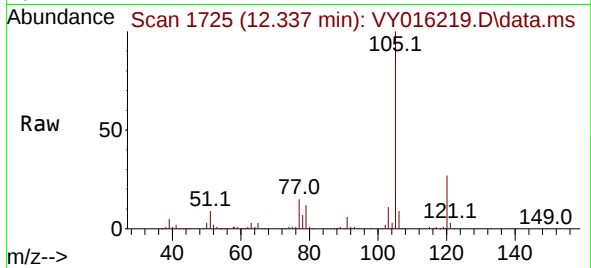
#73
Isopropylbenzene
Concen: 20.118 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02

Tgt Ion:105 Resp: 16168
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9

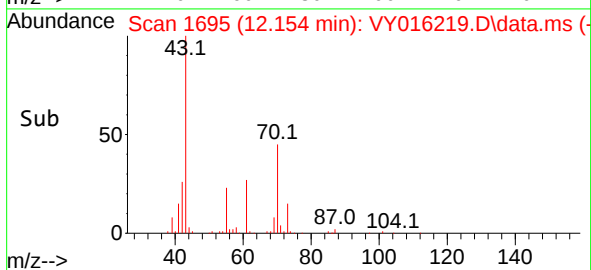
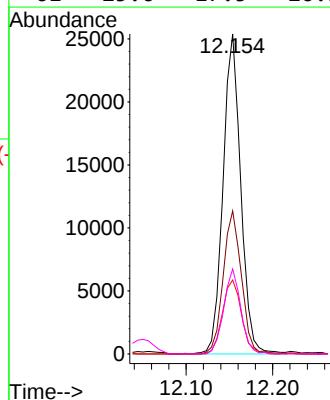
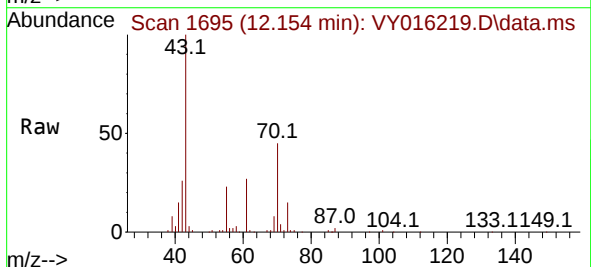
Manual Integrations
APPROVED

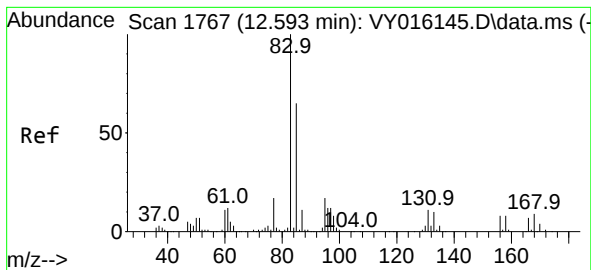
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#74
N-ethyl acetate
Concen: 20.643 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Tgt Ion: 43 Resp: 36051
Ion Ratio Lower Upper
43 100
70 45.9 29.7 44.5#
55 24.8 18.3 27.5
61 25.6 17.5 26.3





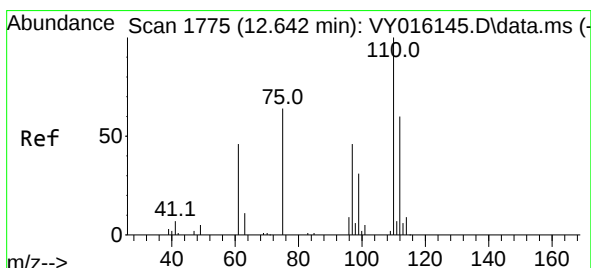
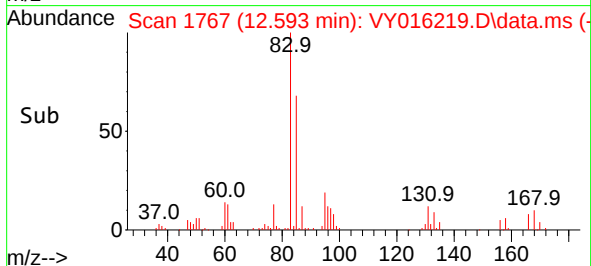
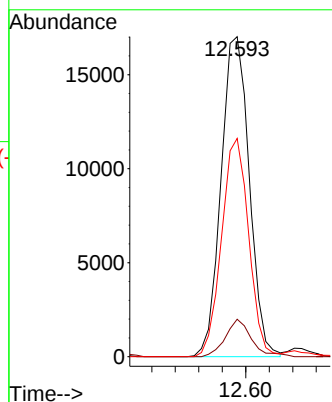
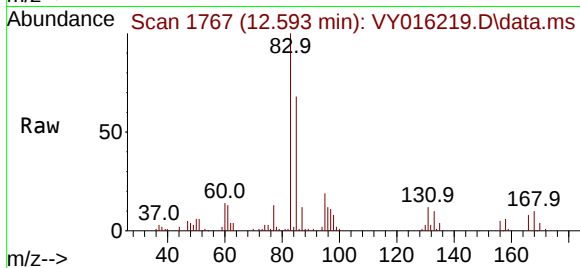
#75
1,1,2,2-Tetrachloroethane
Concen: 22.235 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02

Tgt Ion: 83 Resp: 2843
Ion Ratio Lower Upper
83 100
131 10.7 5.4 16.2
85 65.4 31.8 95.4

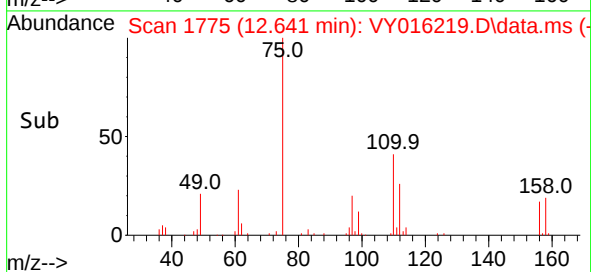
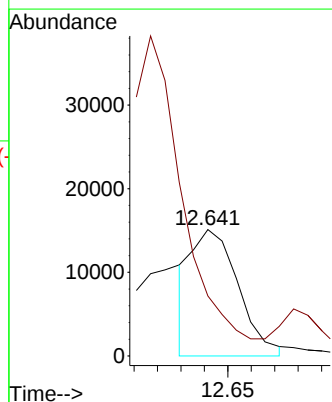
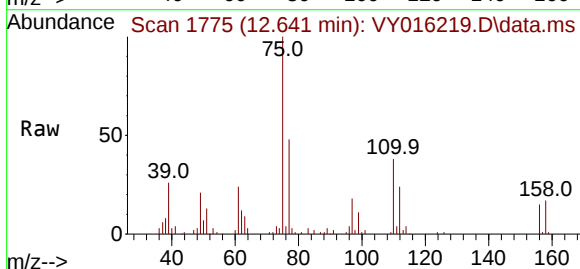
Manual Integrations
APPROVED

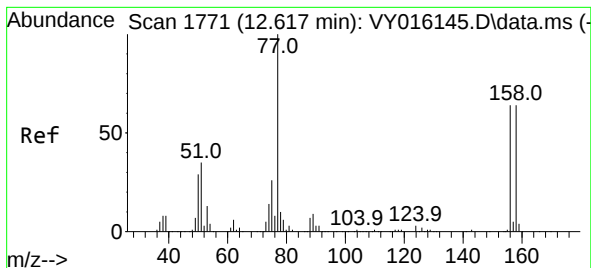
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#76
1,2,3-Trichloropropane
Concen: 20.921 ug/l m
RT: 12.641 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Tgt Ion: 75 Resp: 21108
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.909 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016219.D

Acq: 03 Nov 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS02

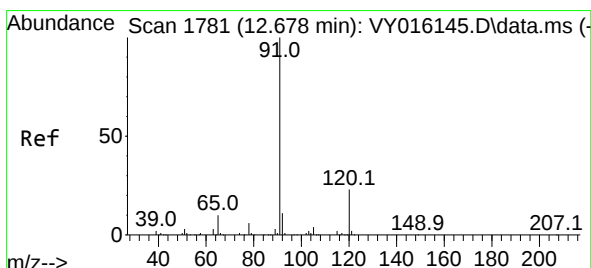
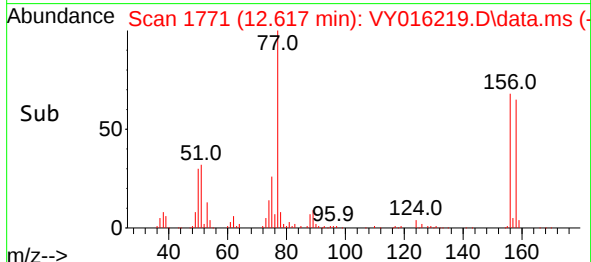
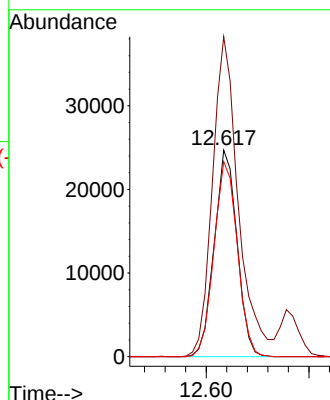
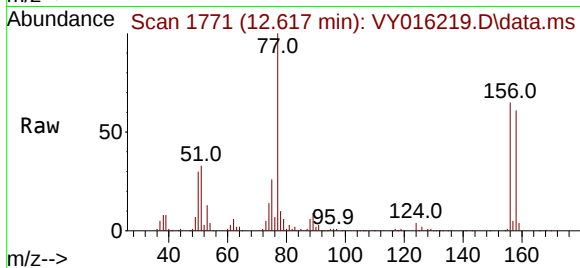
Tgt Ion:	156	Resp:	38050
Ion Ratio	Lower	Upper	
156	100		
77	176.0	92.8	278.6
158	96.8	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#78

n-propylbenzene

Concen: 20.491 ug/l

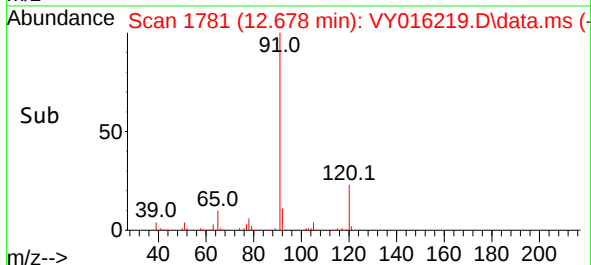
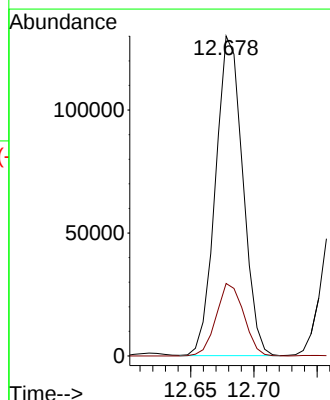
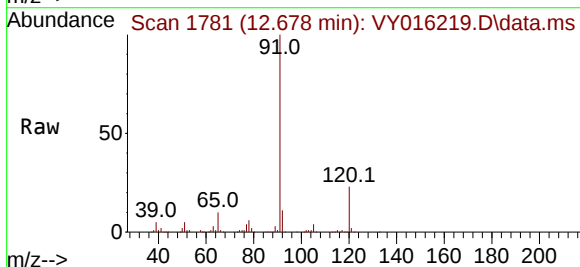
RT: 12.678 min Scan# 1781

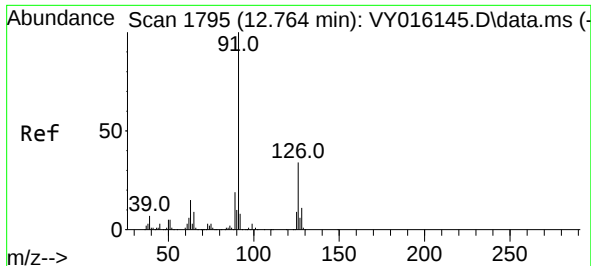
Delta R.T. -0.000 min

Lab File: VY016219.D

Acq: 03 Nov 2023 18:47

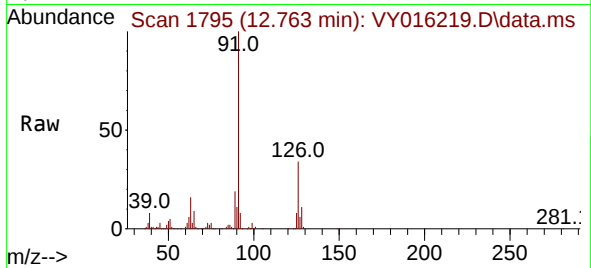
Tgt Ion:	91	Resp:	194693
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.4





#79
2-Chlorotoluene
Concen: 20.490 ug/l
RT: 12.763 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

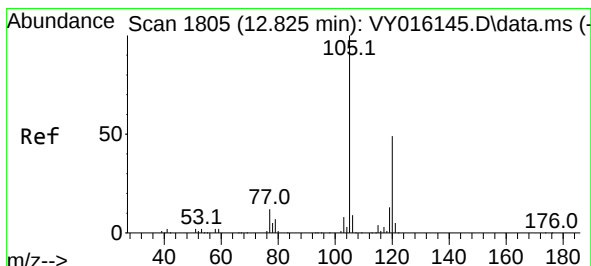
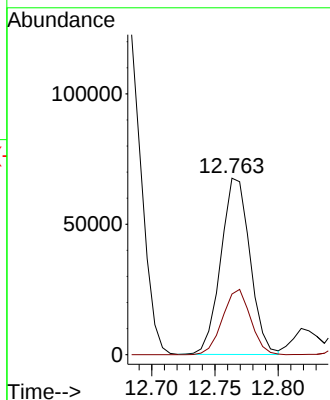
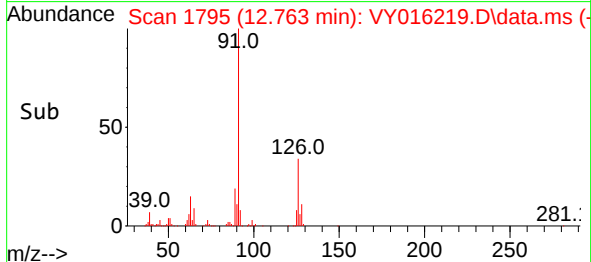
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02



Tgt Ion: 91 Resp: 108584
Ion Ratio Lower Upper
91 100
126 35.5 17.3 51.7

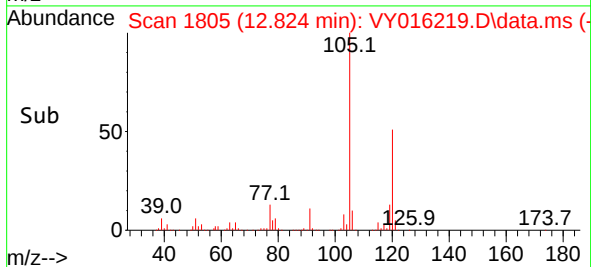
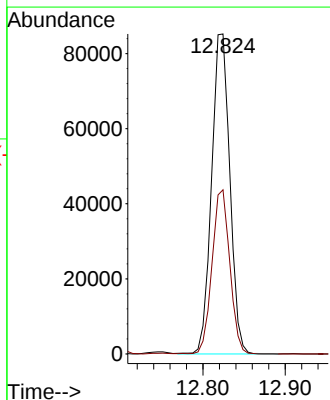
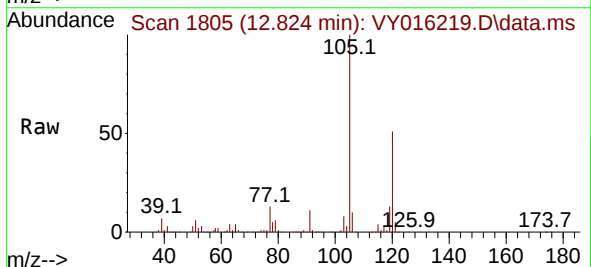
Manual Integrations
APPROVED

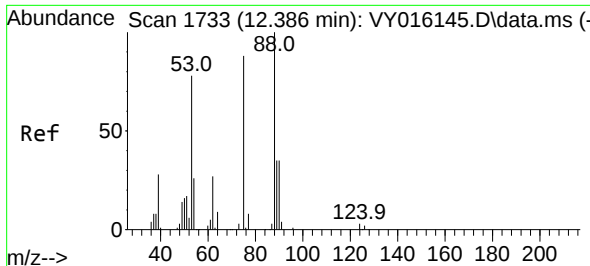
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.177 ug/l
RT: 12.824 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Tgt Ion:105 Resp: 131376
Ion Ratio Lower Upper
105 100
120 49.9 23.9 71.7





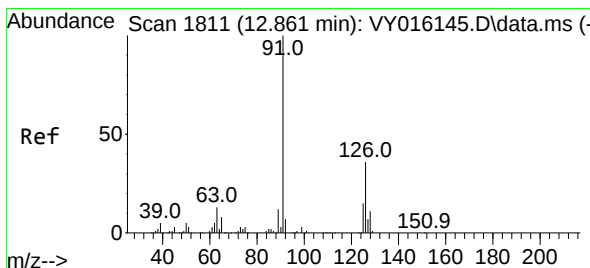
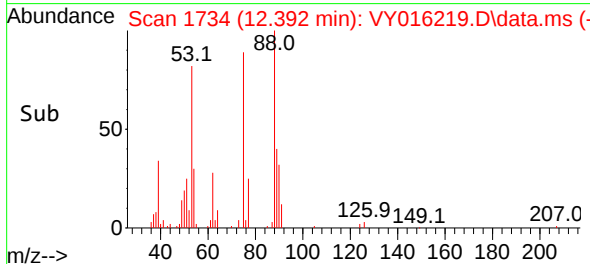
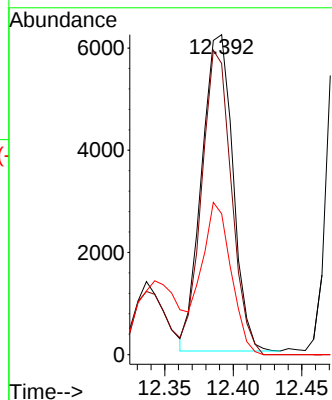
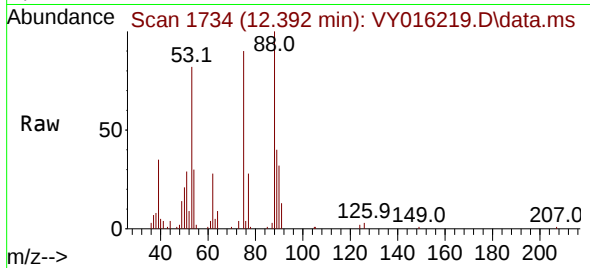
#81
trans-1,4-Dichloro-2-butene
Concen: 21.060 ug/l
RT: 12.392 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02

Tgt Ion: 75 Resp: 9800
Ion Ratio Lower Upper
75 100
53 92.0 77.8 116.8
89 45.0 37.4 56.0

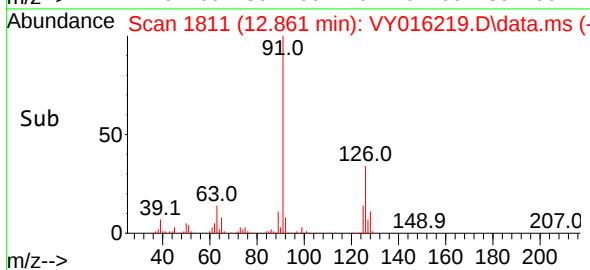
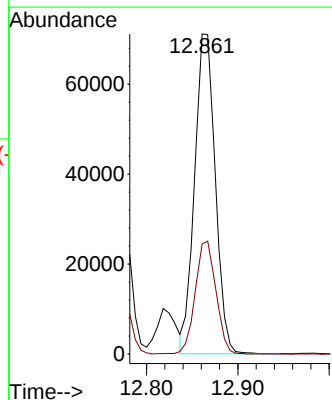
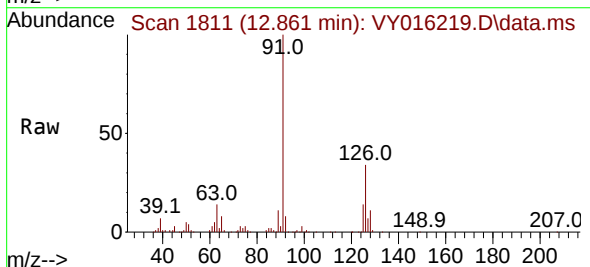
Manual Integrations
APPROVED

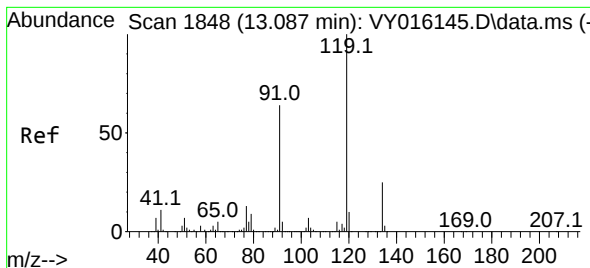
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#82
4-Chlorotoluene
Concen: 20.571 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Tgt Ion: 91 Resp: 111942
Ion Ratio Lower Upper
91 100
126 35.4 17.2 51.6





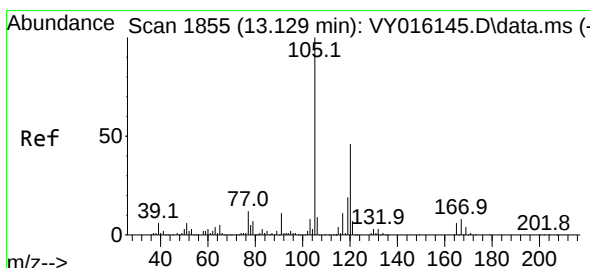
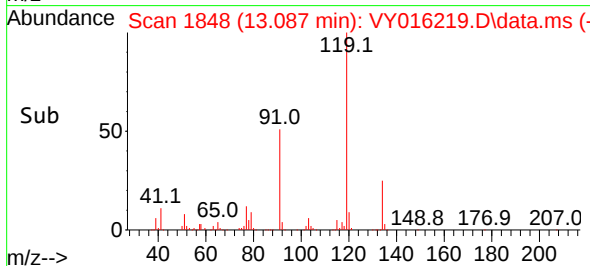
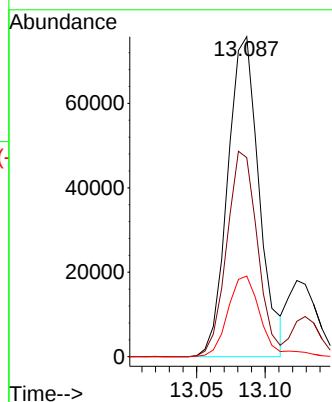
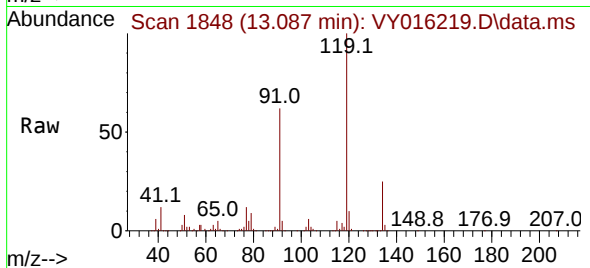
#83
tert-Butylbenzene
Concen: 20.808 ug/l
RT: 13.087 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02

Tgt Ion:119 Resp: 121224
Ion Ratio Lower Upper
119 100
91 62.7 32.9 98.6
134 26.4 13.0 38.9

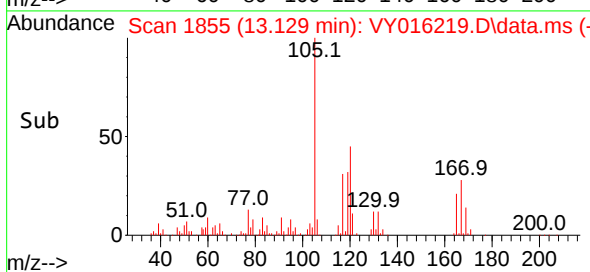
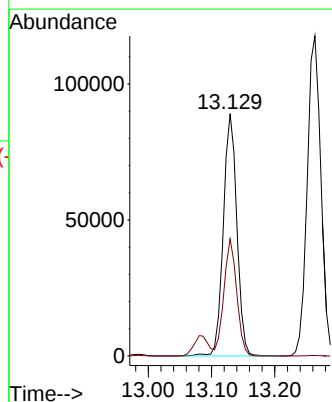
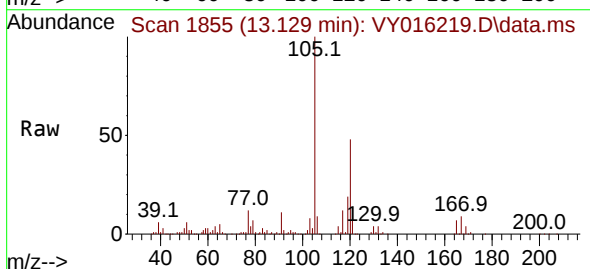
Manual Integrations
APPROVED

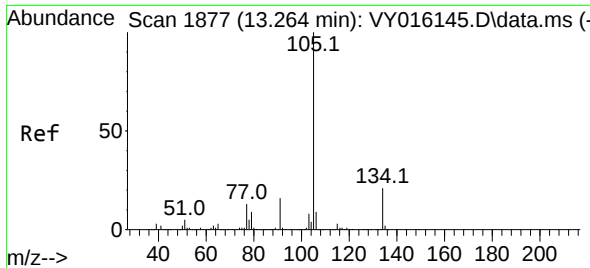
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.421 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Tgt Ion:105 Resp: 131566
Ion Ratio Lower Upper
105 100
120 45.5 22.2 66.6





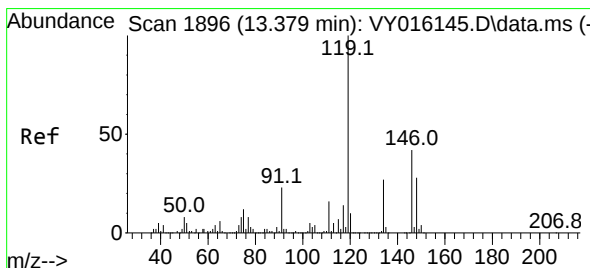
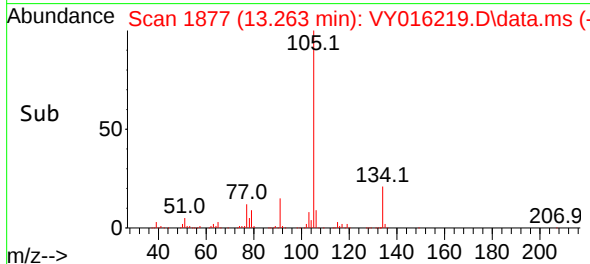
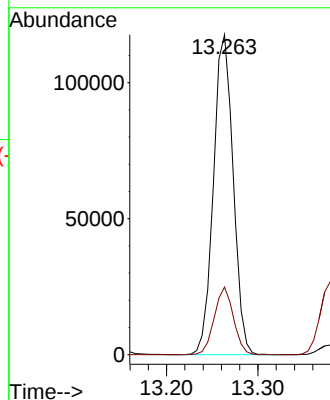
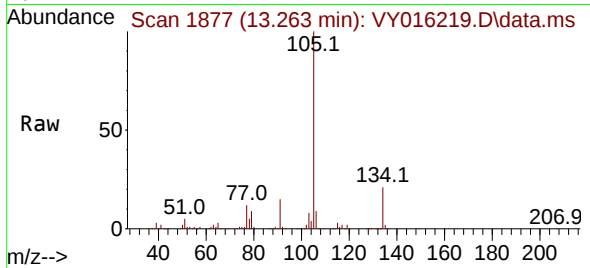
#85
 sec-Butylbenzene
 Concen: 20.575 ug/l
 RT: 13.263 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VY016219.D
 Acq: 03 Nov 2023 18:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS02

Tgt Ion:105 Resp: 175938
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6

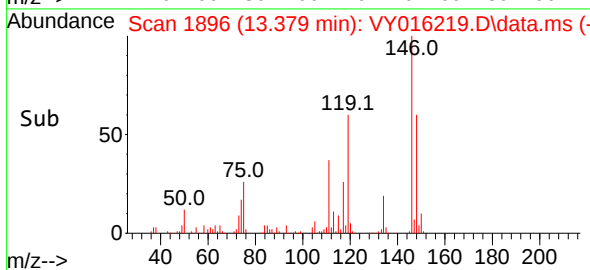
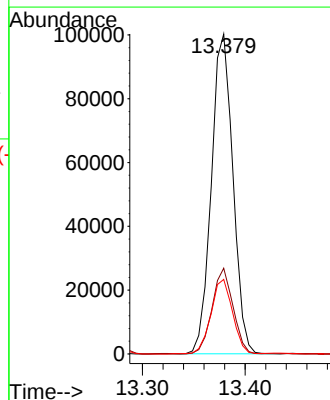
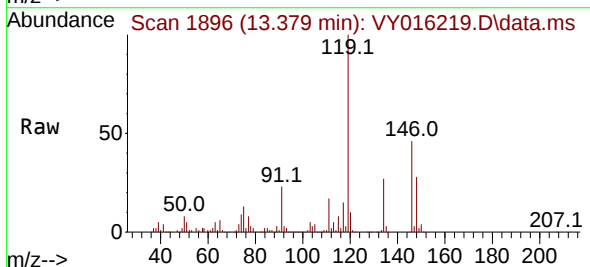
Manual Integrations
 APPROVED

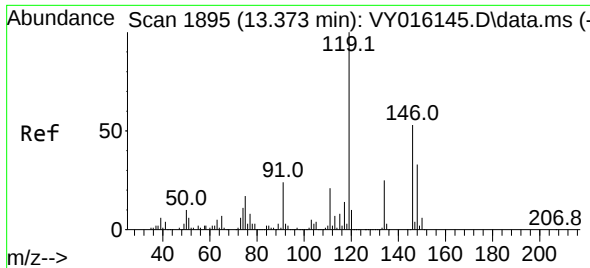
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#86
 p-Isopropyltoluene
 Concen: 20.537 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. -0.000 min
 Lab File: VY016219.D
 Acq: 03 Nov 2023 18:47

Tgt Ion:119 Resp: 145542
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.8
 91 23.5 12.4 37.4





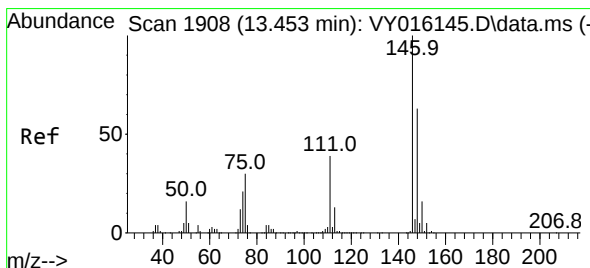
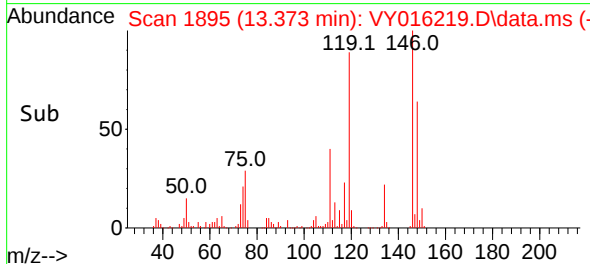
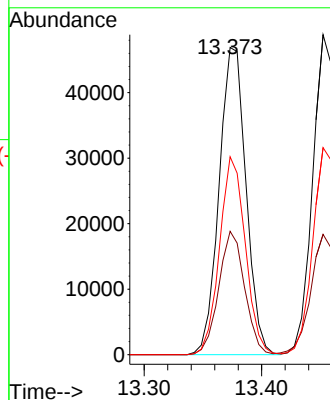
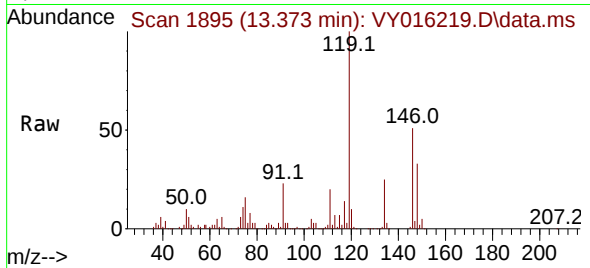
#87
1,3-Dichlorobenzene
Concen: 20.724 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02

Tgt Ion:146 Resp: 7458
Ion Ratio Lower Upper
146 100
111 38.7 19.4 58.2
148 61.8 31.9 95.5

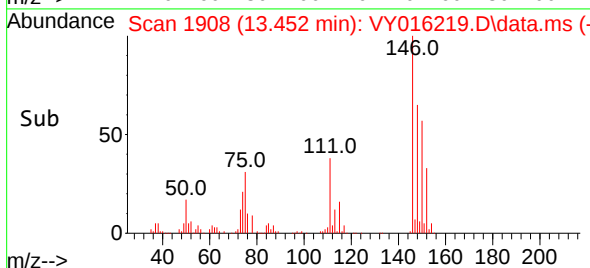
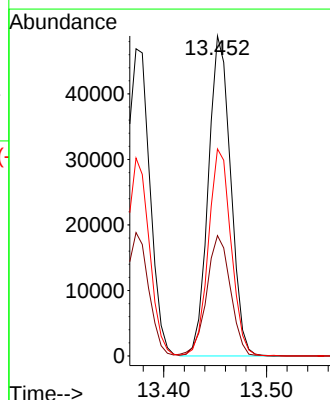
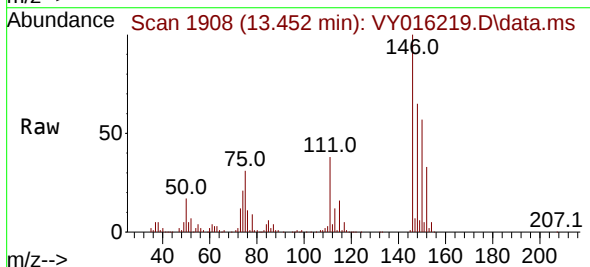
Manual Integrations
APPROVED

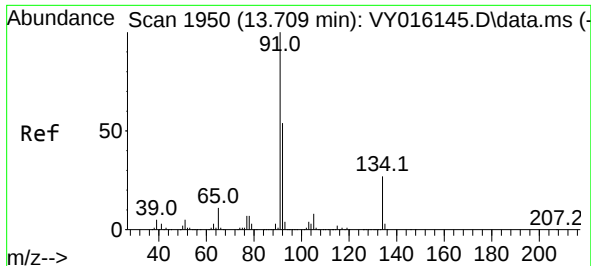
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#88
1,4-Dichlorobenzene
Concen: 20.756 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Tgt Ion:146 Resp: 73832
Ion Ratio Lower Upper
146 100
111 40.2 18.9 56.7
148 65.8 32.1 96.5





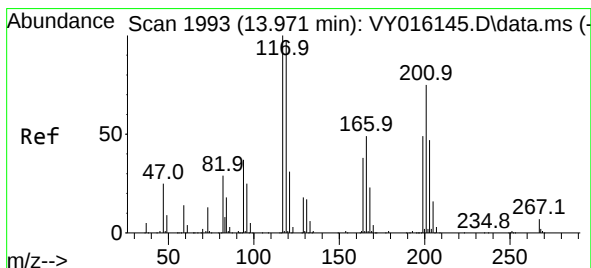
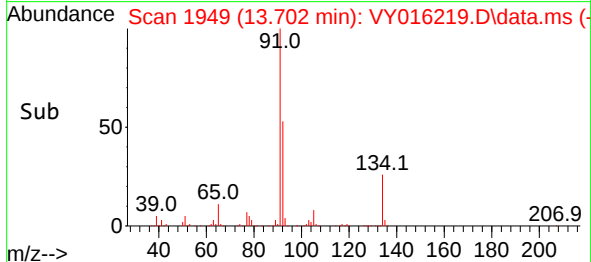
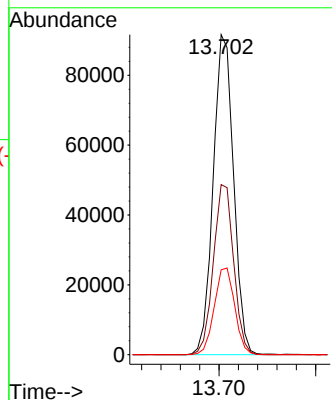
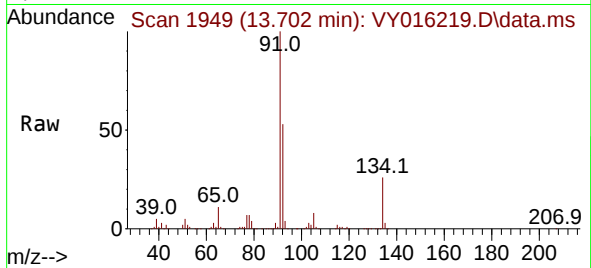
#89
n-Butylbenzene
Concen: 20.566 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. -0.006 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02

Tgt Ion: 91 Resp: 133920
Ion Ratio Lower Upper
91 100
92 52.9 25.4 76.0
134 27.2 12.6 37.6

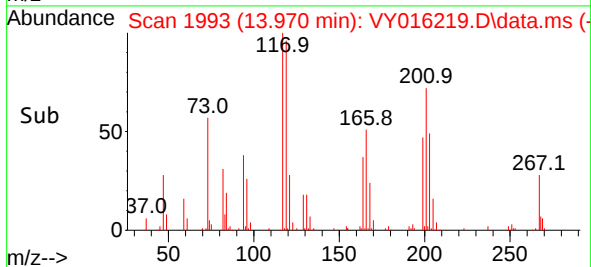
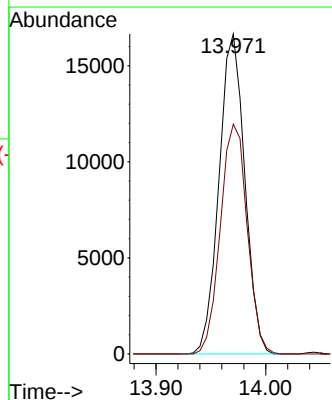
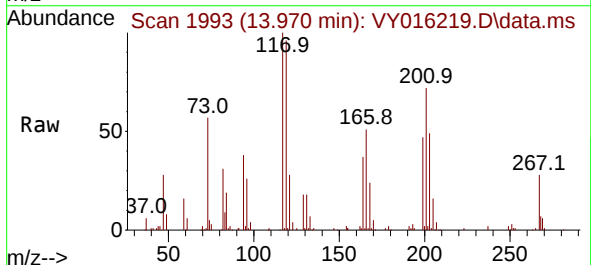
Manual Integrations
APPROVED

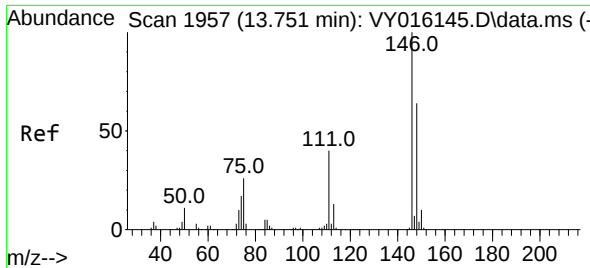
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#90
Hexachloroethane
Concen: 22.246 ug/l
RT: 13.970 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Tgt Ion:117 Resp: 27168
Ion Ratio Lower Upper
117 100
201 74.7 41.6 124.8





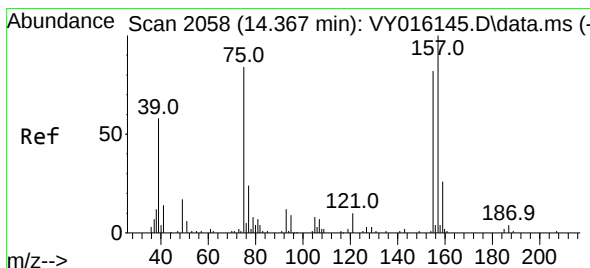
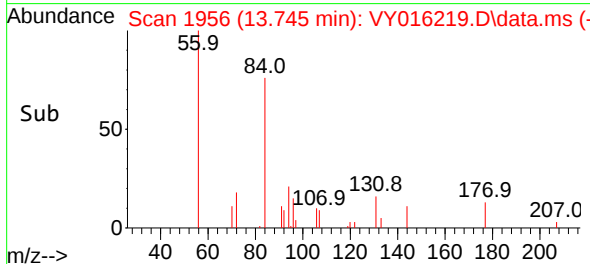
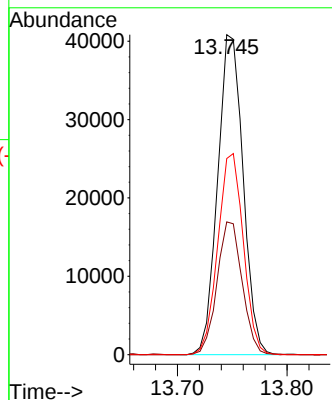
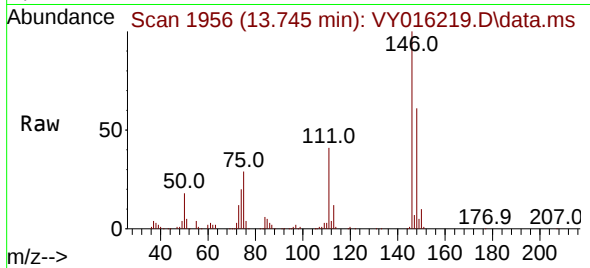
#91
1,2-Dichlorobenzene
Concen: 21.170 ug/l
RT: 13.745 min Scan# 1957
Delta R.T. -0.006 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02

Tgt Ion:146 Resp: 65829
Ion Ratio Lower Upper
146 100
111 41.1 19.7 59.0
148 63.1 32.0 96.2

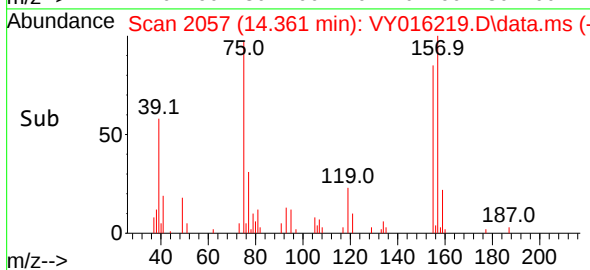
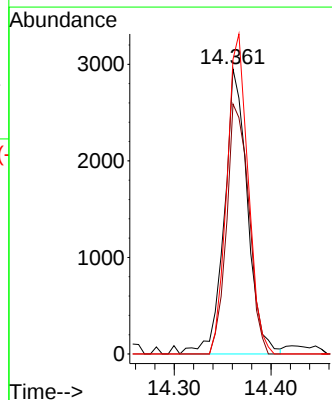
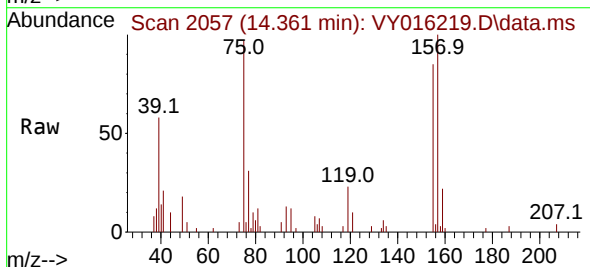
Manual Integrations
APPROVED

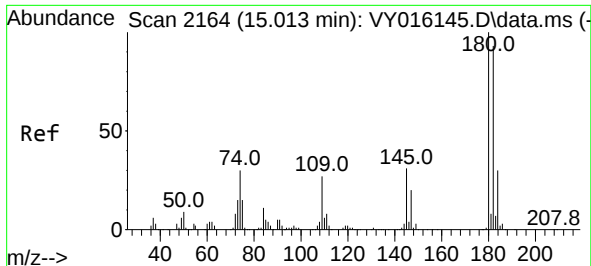
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.379 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

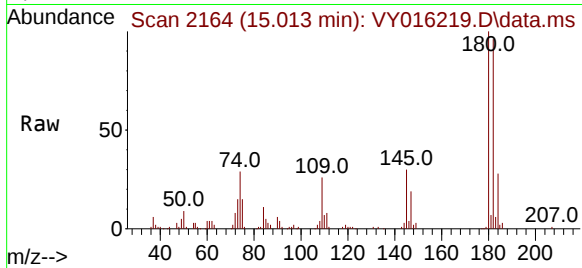
Tgt Ion: 75 Resp: 4893
Ion Ratio Lower Upper
75 100
155 84.0 41.5 124.6
157 103.0 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 19.583 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. -0.000 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

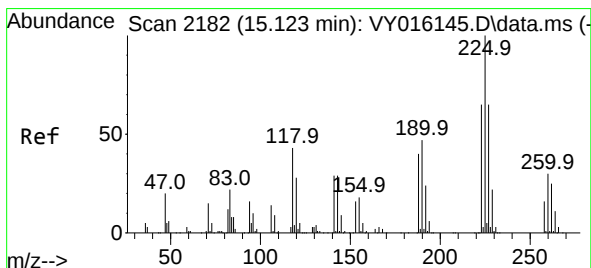
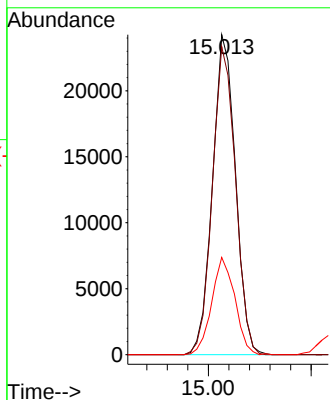
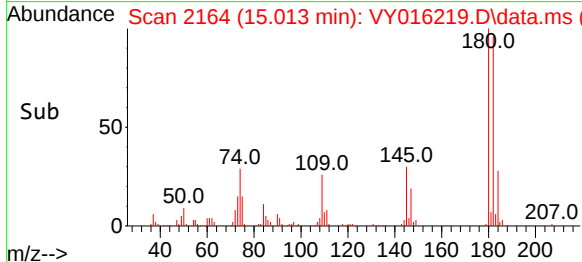
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS02



Tgt Ion:180 Resp: 3758
Ion Ratio Lower Upper
180 100
182 96.9 47.0 141.2
145 30.7 14.5 43.5

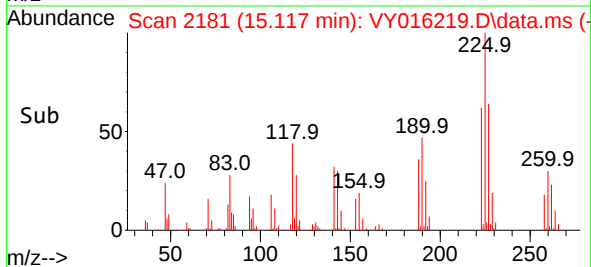
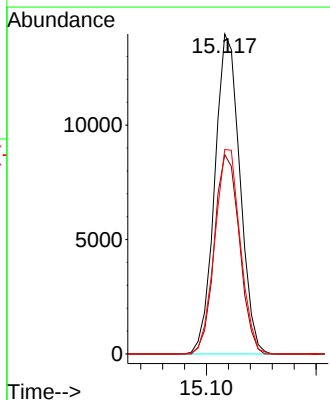
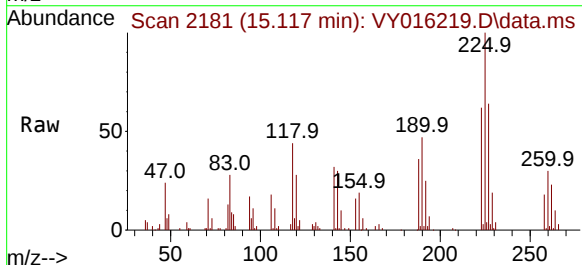
Manual Integrations
APPROVED

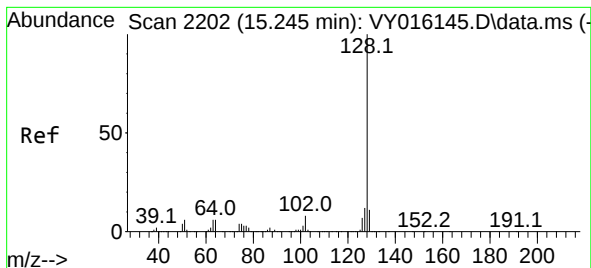
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#94
Hexachlorobutadiene
Concen: 21.232 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. -0.006 min
Lab File: VY016219.D
Acq: 03 Nov 2023 18:47

Tgt Ion:225 Resp: 22268
Ion Ratio Lower Upper
225 100
223 62.2 31.9 95.9
227 65.0 33.0 98.9





#95

Naphthalene

Concen: 18.886 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016219.D

Acq: 03 Nov 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS02

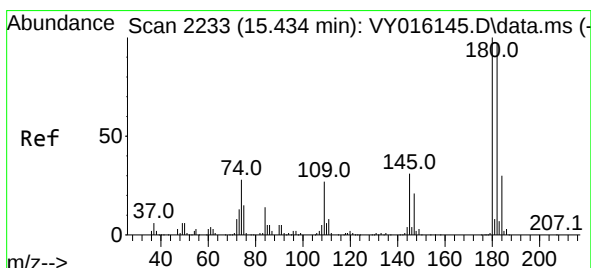
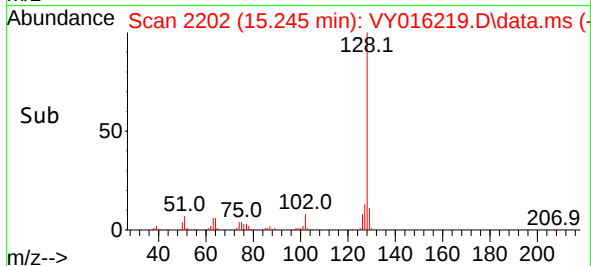
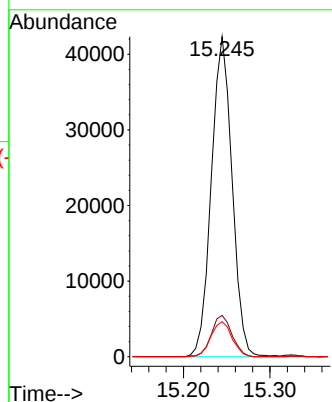
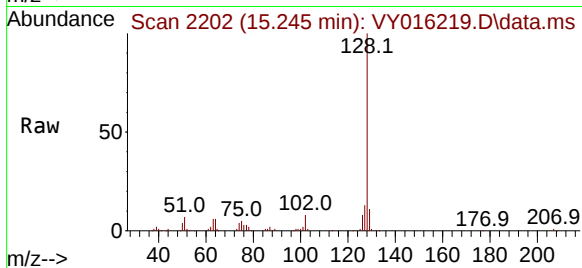
Tgt Ion:128	Resp:	70420
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.8 16.2
129	11.2	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#96

1,2,3-Trichlorobenzene

Concen: 19.798 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016219.D

Acq: 03 Nov 2023 18:47

Tgt Ion:180	Resp:	32460
Ion Ratio	Lower	Upper
180	100	
182	92.8	47.3 141.8
145	31.9	15.4 46.2

