

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006752.D
 Acq On : 16 Nov 2021 11:30
 Operator : SY/MD
 Sample : VY1116SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1116SBS01

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/17/2021
 Supervised By :Mahesh Dadoda 11/18/2021

Quant Time: Nov 17 04:12:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	116490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	181849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	172544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	75880	49.701	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.400%		
35) Dibromofluoromethane	7.728	113	53779	48.146	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.300%		
50) Toluene-d8	10.185	98	227276	49.170	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.340%		
62) 4-Bromofluorobenzene	12.483	95	76193	48.896	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	22433	20.053	ug/l	98
3) Chloromethane	2.119	50	33473	19.889	ug/l	98
4) Vinyl Chloride	2.259	62	35063	20.521	ug/l	99
5) Bromomethane	2.649	94	20407	22.414	ug/l	96
6) Chloroethane	2.802	64	20190	19.315	ug/l	92
7) Trichlorofluoromethane	3.137	101	45947	21.457	ug/l	97
8) Diethyl Ether	3.540	74	15009	21.046	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.918	101	23756	20.889	ug/l	99
10) Methyl Iodide	4.100	142	30475	21.437	ug/l	99
11) Tert butyl alcohol	4.972	59	23830	103.788	ug/l #	88
12) 1,1-Dichloroethene	3.887	96	23857	21.151	ug/l	96
13) Acrolein	3.735	56	4026	125.345	ug/l	94
14) Allyl chloride	4.497	41	50517	19.884	ug/l	98
15) Acrylonitrile	5.179	53	43383	105.466	ug/l	99
16) Acetone	3.960	43	43429	93.624	ug/l	96
17) Carbon Disulfide	4.204	76	81188	20.392	ug/l	99
18) Methyl Acetate	4.484	43	30849	20.544	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	74125	20.849	ug/l	99
20) Methylene Chloride	4.734	84	31288	20.592	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	26581	20.629	ug/l	97
22) Diisopropyl ether	6.131	45	105920	21.130	ug/l	98
23) Vinyl Acetate	6.076	43	322067	106.399	ug/l	98
24) 1,1-Dichloroethane	6.039	63	53138	20.768	ug/l	98
25) 2-Butanone	6.996	43	61812	98.927	ug/l	99
26) 2,2-Dichloropropane	6.996	77	49515	21.416	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	30156	20.722	ug/l	95
28) Bromochloromethane	7.344	49	23808	19.782	ug/l	88
29) Tetrahydrofuran	7.362	42	40130	104.247	ug/l	94
30) Chloroform	7.521	83	52787	21.461	ug/l	100
31) Cyclohexane	7.795	56	55630	20.731	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	48398	21.351	ug/l	99
36) 1,1-Dichloropropene	7.929	75	41061	20.773	ug/l	98
37) Ethyl Acetate	7.088	43	26612	20.137	ug/l	100
38) Carbon Tetrachloride	7.911	117	43283	21.409	ug/l	93
39) Methylcyclohexane	9.191	83	50184	20.818	ug/l	96
40) Benzene	8.173	78	116829	20.996	ug/l	98

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Quant Time: Nov 17 04:12:24 2021
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 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	24092m	21.712	ug/l	
42) 1,2-Dichloroethane	8.246	62	40502	21.848	ug/l	98
43) Isopropyl Acetate	8.283	43	52801	21.299	ug/l	99
44) Trichloroethene	8.947	130	28188	20.823	ug/l	97
45) 1,2-Dichloropropane	9.228	63	30044	20.927	ug/l	100
46) Dibromomethane	9.313	93	15684	20.975	ug/l	96
47) Bromodichloromethane	9.502	83	40038	21.085	ug/l	98
48) Methyl methacrylate	9.301	41	24092	20.512	ug/l	97
49) 1,4-Dioxane	9.307	88	3383	394.290	ug/l	91
51) 4-Methyl-2-Pentanone	10.075	43	113825	87.168	ug/l	99
52) Toluene	10.252	92	70569	20.885	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	42140	20.416	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	45458	19.637	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	21023	21.060	ug/l	97
56) Ethyl methacrylate	10.514	69	31136	20.067	ug/l	97
57) 1,3-Dichloropropane	10.794	76	37828	20.767	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	83166	97.897	ug/l	98
59) 2-Hexanone	10.837	43	86379	105.376	ug/l	100
60) Dibromochloromethane	10.989	129	25860	21.134	ug/l	95
61) 1,2-Dibromoethane	11.093	107	18927	20.465	ug/l	98
64) Tetrachloroethene	10.727	164	26740	21.208	ug/l	94
65) Chlorobenzene	11.520	112	73457	20.926	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	26638	20.291	ug/l	99
67) Ethyl Benzene	11.599	91	140314	21.088	ug/l	98
68) m/p-Xylenes	11.709	106	104387	41.164	ug/l	99
69) o-Xylene	12.032	106	49239	20.497	ug/l	99
70) Styrene	12.050	104	84377	20.797	ug/l	99
71) Bromoform	12.215	173	15725	19.790	ug/l #	98
73) Isopropylbenzene	12.337	105	133530	21.058	ug/l	99
74) N-amyl acetate	12.148	43	45687	21.786	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	25663	21.874	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	19437m	21.471	ug/l	
77) Bromobenzene	12.611	156	30080	20.830	ug/l	96
78) n-propylbenzene	12.678	91	167632	21.686	ug/l	99
79) 2-Chlorotoluene	12.763	91	91971	21.742	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	112249	21.599	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	9819	21.492	ug/l	95
82) 4-Chlorotoluene	12.861	91	96324	21.783	ug/l	99
83) tert-Butylbenzene	13.081	119	96620	21.405	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	110665	21.328	ug/l	99
85) sec-Butylbenzene	13.257	105	145087	21.584	ug/l	100
86) p-Isopropyltoluene	13.373	119	120606	21.195	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	59619	20.730	ug/l	98
88) 1,4-Dichlorobenzene	13.452	146	60543	21.333	ug/l	99
89) n-Butylbenzene	13.702	91	117487	21.881	ug/l	100
90) Hexachloroethane	13.964	117	21639	21.101	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	53314	21.510	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4209	20.295	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	32323	19.934	ug/l	99
94) Hexachlorobutadiene	15.117	225	22126	20.913	ug/l	98
95) Naphthalene	15.239	128	60610	20.206	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	28041	20.753	ug/l	98

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Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBSD01

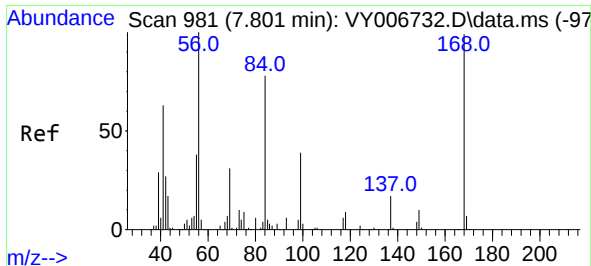
Manual Integrations
APPROVED

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Quant Time: Nov 17 04:12:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 16 04:20:03 2021
Response via : Initial Calibration

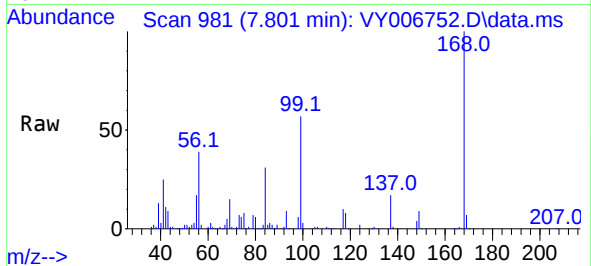
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY006752.D
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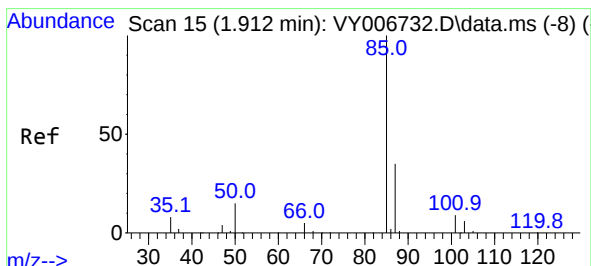
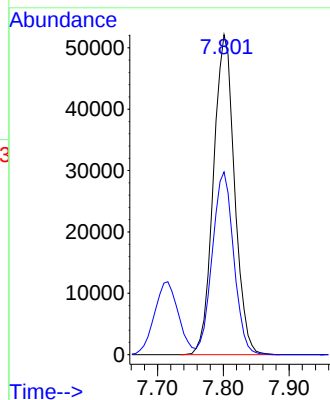
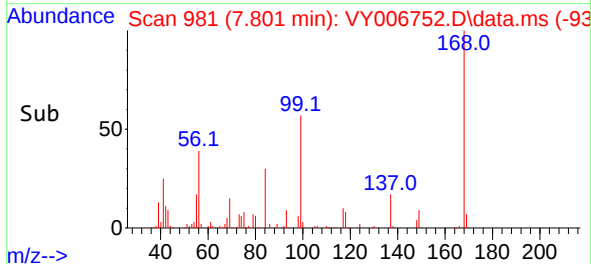
Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01



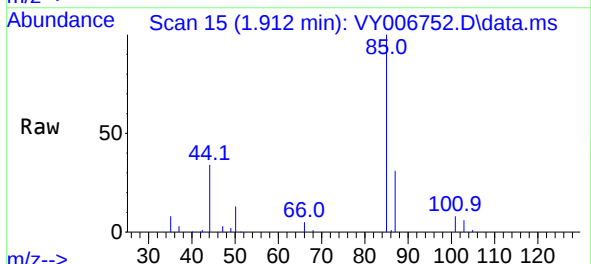
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Ion Ratio Lower Upper
168 100
99 57.1 44.8 67.2

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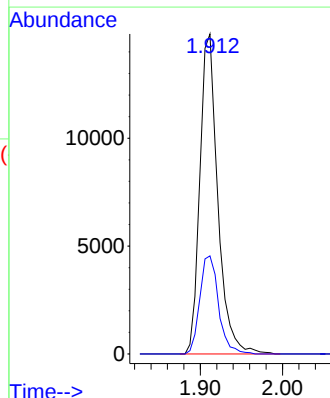
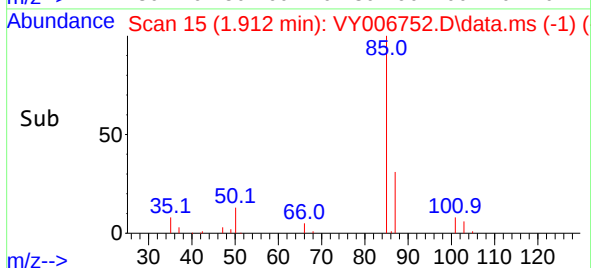
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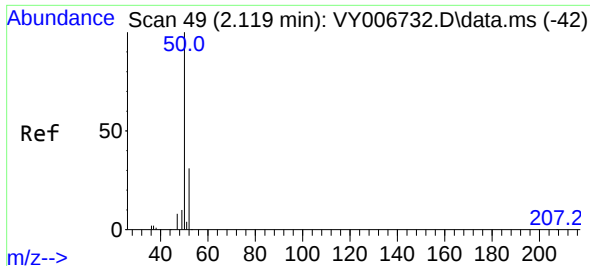


#2
Dichlorodifluoromethane
Concen: 20.053 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30



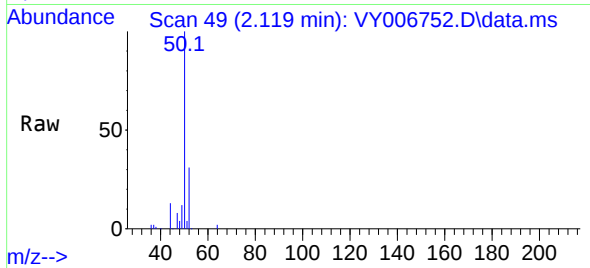
Tgt Ion: 85 Resp: 22433
Ion Ratio Lower Upper
85 100
87 30.6 15.8 47.3





#3
Chloromethane
Concen: 19.889 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

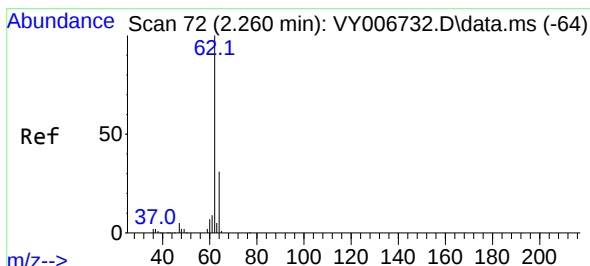
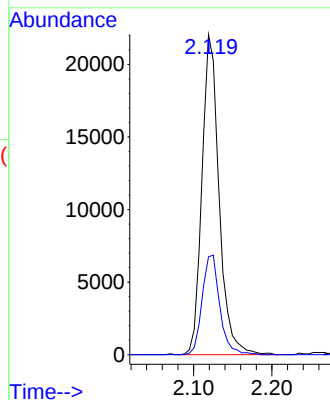
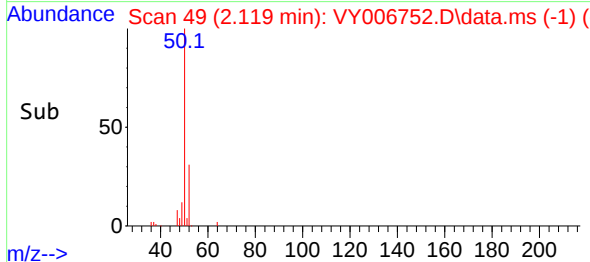
Instrument :
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ClientSampleId :
VY1116SBS01



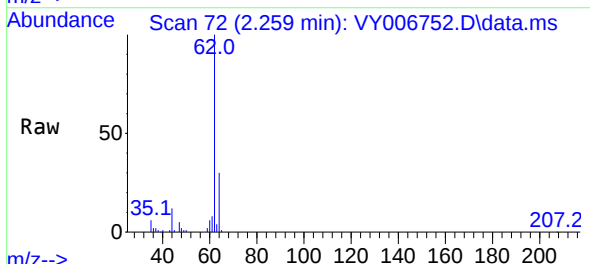
Tgt Ion: 50 Resp: 3347
Ion Ratio Lower Upper
50 100
52 30.6 25.4 38.2

Manual Integrations
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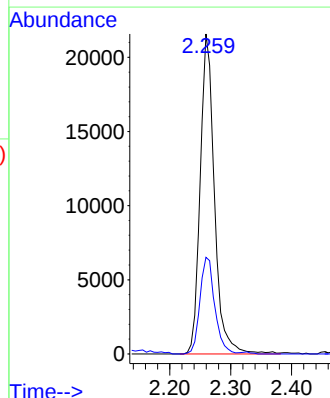
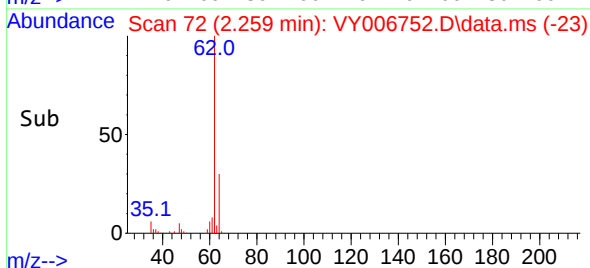
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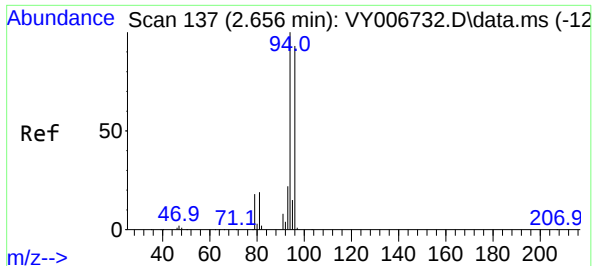


#4
Vinyl Chloride
Concen: 20.521 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30



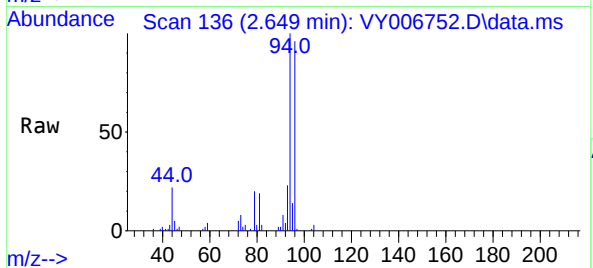
Tgt Ion: 62 Resp: 35063
Ion Ratio Lower Upper
62 100
64 30.2 24.7 37.1





#5
Bromomethane
Concen: 22.414 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

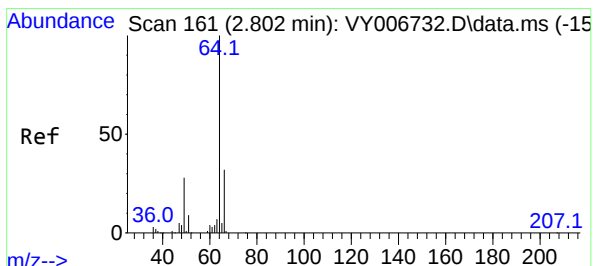
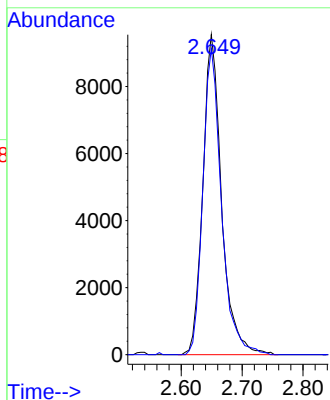
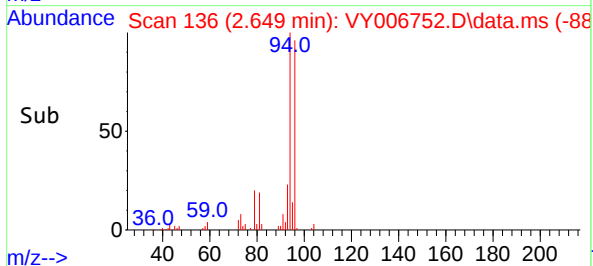
Instrument :
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Tgt Ion: 94 Resp: 2040
Ion Ratio Lower Upper
94 100
96 95.7 73.5 110.3

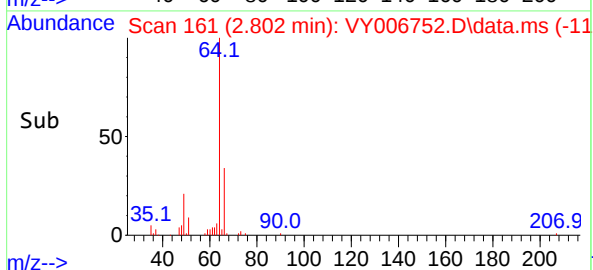
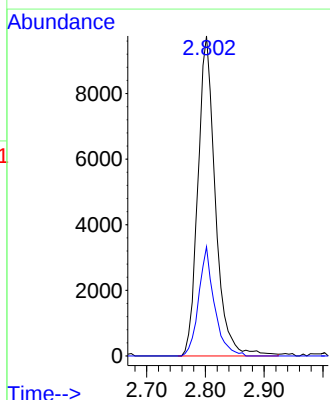
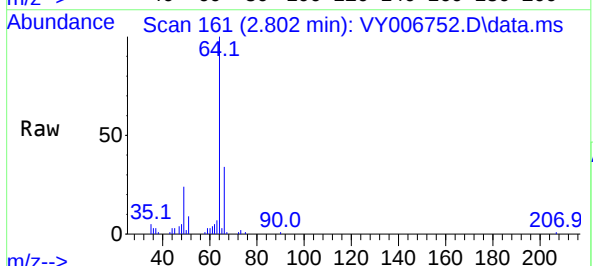
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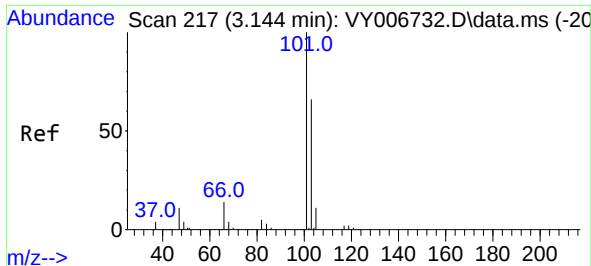
Reviewed By :Vimala Arumugam 11/17/2021
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#6
Chloroethane
Concen: 19.315 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Tgt Ion: 64 Resp: 20190
Ion Ratio Lower Upper
64 100
66 34.1 23.8 35.6





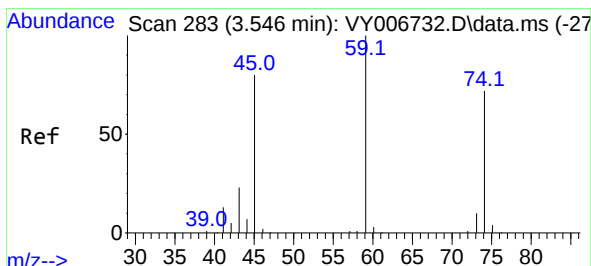
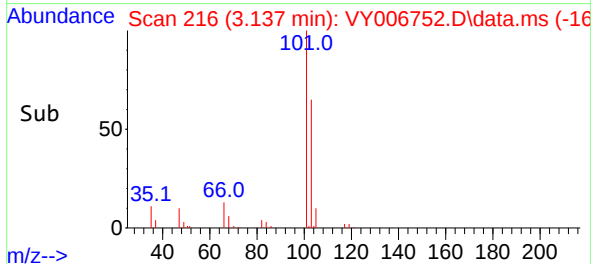
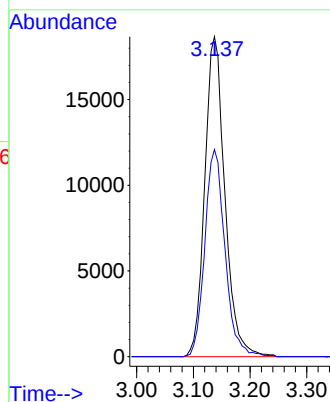
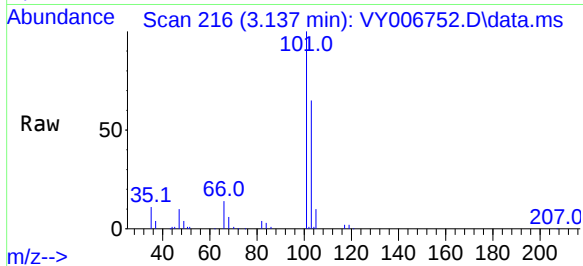
#7
Trichlorofluoromethane
Concen: 21.457 ug/l
RT: 3.137 min Scan# 217
Delta R.T. -0.006 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01

Tgt Ion:101 Resp: 4594
Ion Ratio Lower Upper
101 100
103 64.8 50.2 75.2

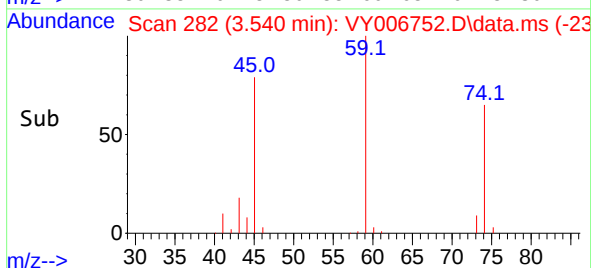
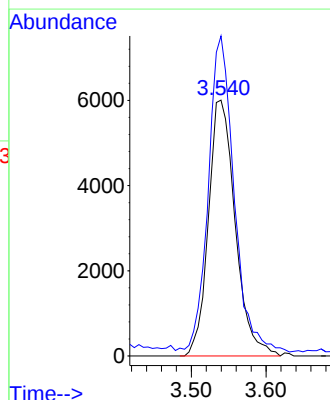
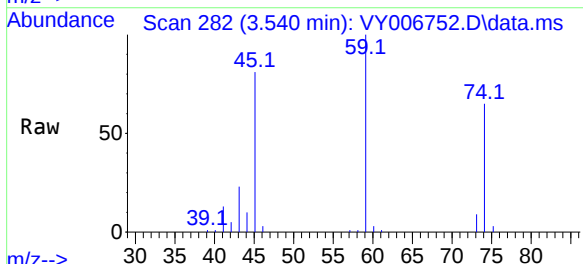
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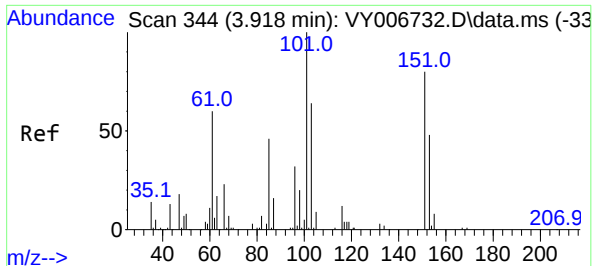
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#8
Diethyl Ether
Concen: 21.046 ug/l
RT: 3.540 min Scan# 282
Delta R.T. -0.006 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Tgt Ion: 74 Resp: 15009
Ion Ratio Lower Upper
74 100
45 117.1 52.8 158.3





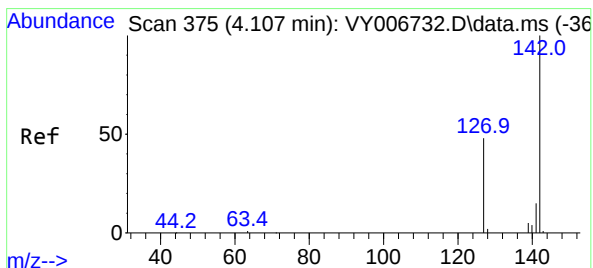
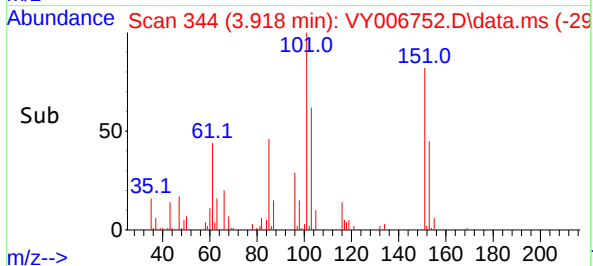
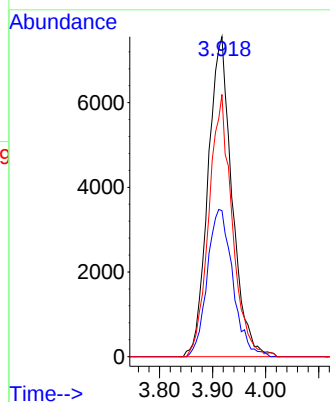
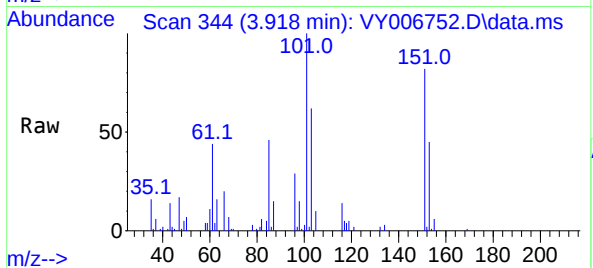
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.889 ug/l
RT: 3.918 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01

Tgt Ion:101 Resp: 23750
Ion Ratio Lower Upper
101 100
85 48.9 38.6 57.8
151 79.3 64.0 96.0

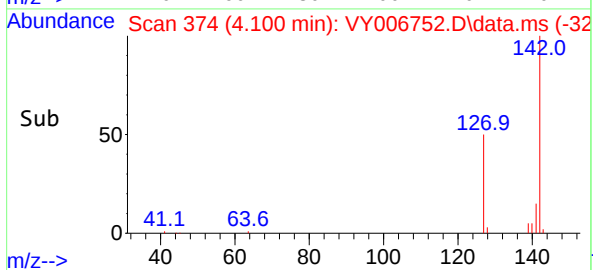
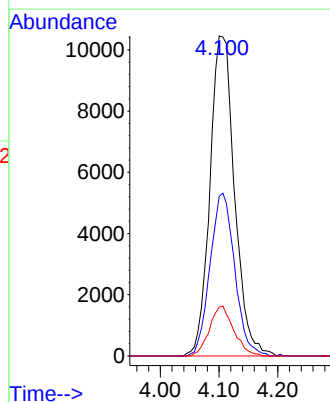
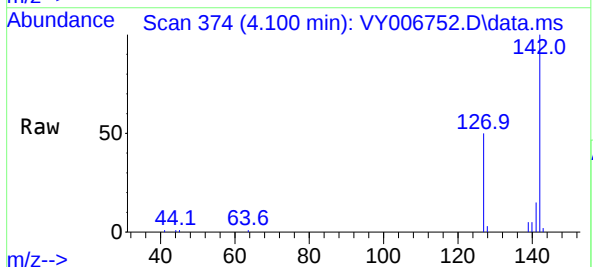
Manual Integrations
APPROVED

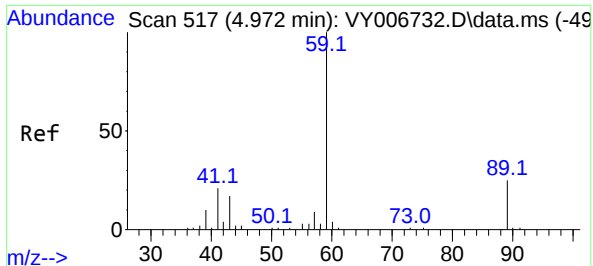
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 21.437 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

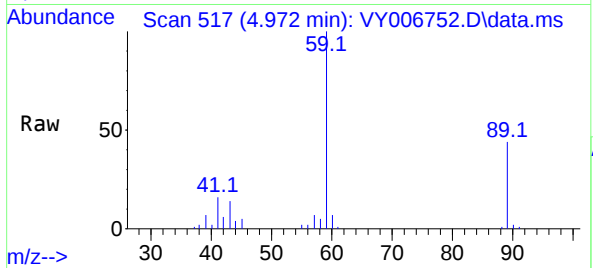
Tgt Ion:142 Resp: 30475
Ion Ratio Lower Upper
142 100
127 50.8 40.1 60.1
141 15.3 12.5 18.7





#11
Tert butyl alcohol
Concen: 103.788 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

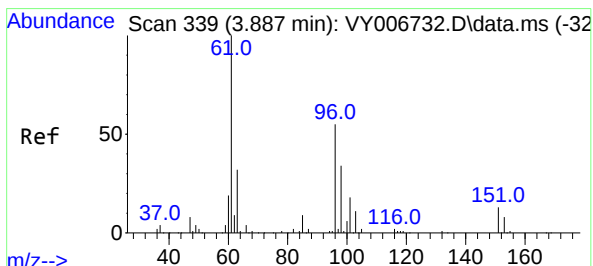
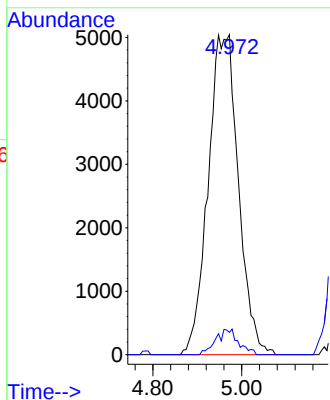
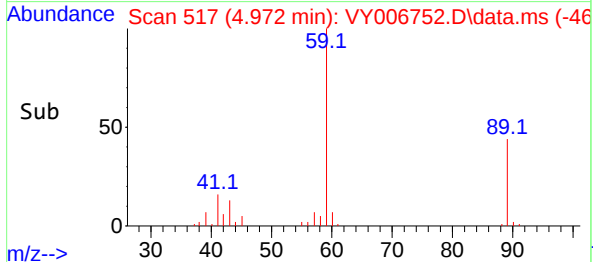
Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01



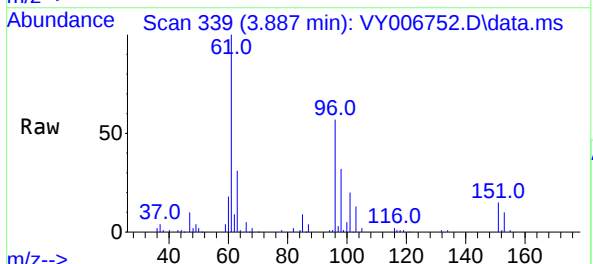
Tgt Ion: 59 Resp: 23830
Ion Ratio Lower Upper
59 100
57 6.0 8.2 12.4

Manual Integrations
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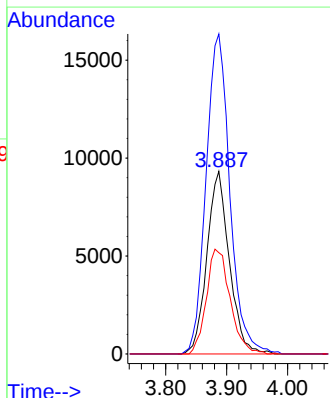
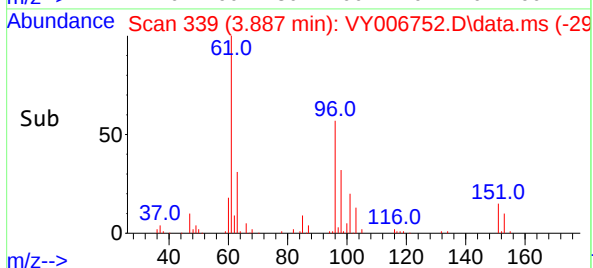
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

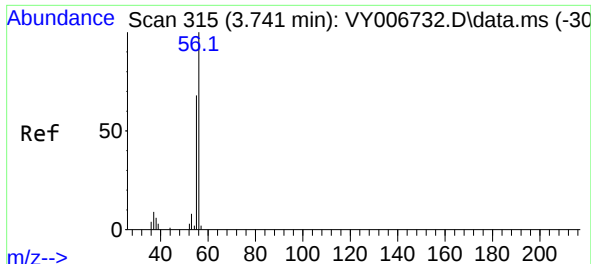


#12
1,1-Dichloroethene
Concen: 21.151 ug/l
RT: 3.887 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30



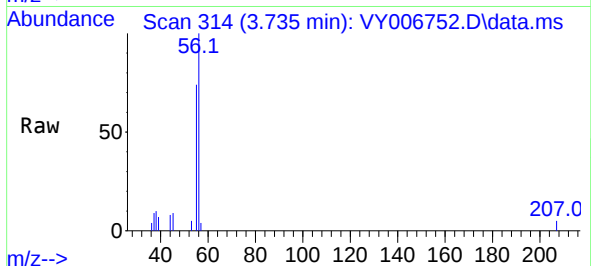
Tgt Ion: 96 Resp: 23857
Ion Ratio Lower Upper
96 100
61 175.3 143.0 214.6
98 55.5 50.5 75.7





#13
Acrolein
Concen: 125.345 ug/l
RT: 3.735 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

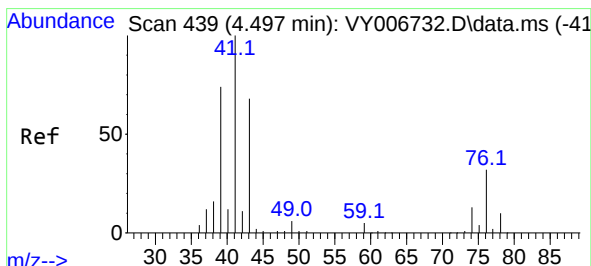
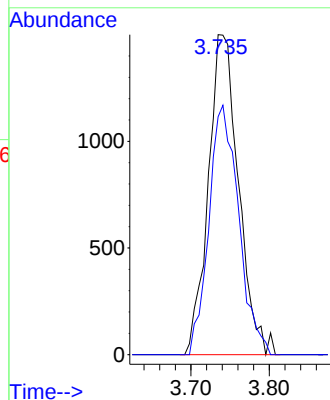
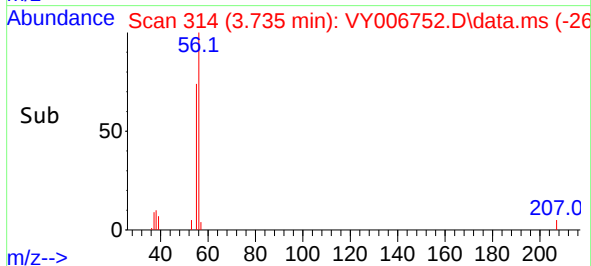
Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01



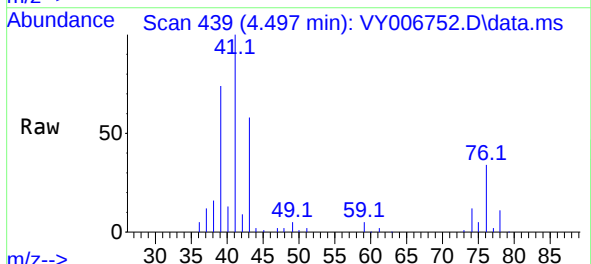
Tgt Ion: 56 Resp: 4020
Ion Ratio Lower Upper
56 100
55 76.6 57.1 85.7

Manual Integrations
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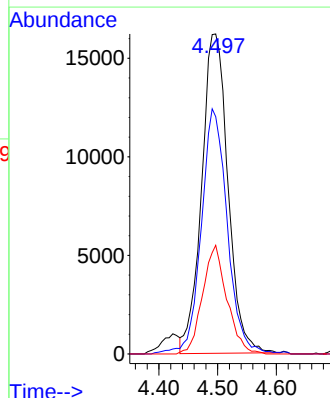
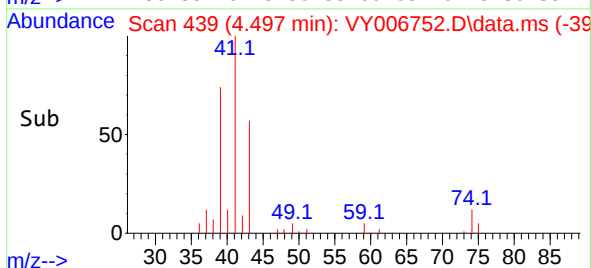
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

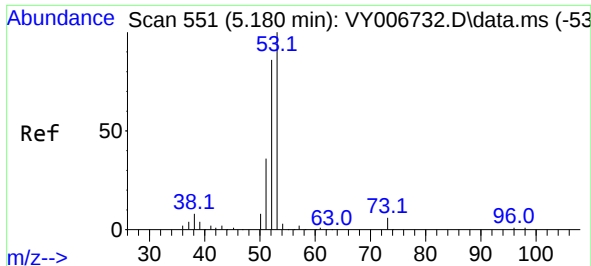


#14
Allyl chloride
Concen: 19.884 ug/l
RT: 4.497 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30



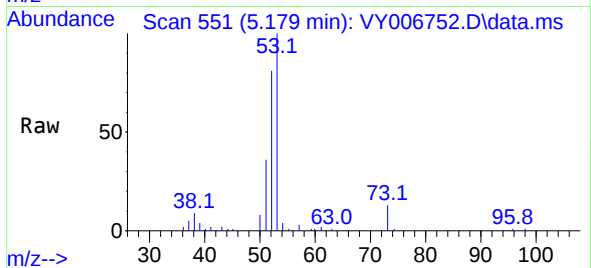
Tgt Ion: 41 Resp: 50517
Ion Ratio Lower Upper
41 100
39 75.9 58.8 88.2
76 31.5 25.0 37.4





#15
Acrylonitrile
Concen: 105.466 ug/l
RT: 5.179 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

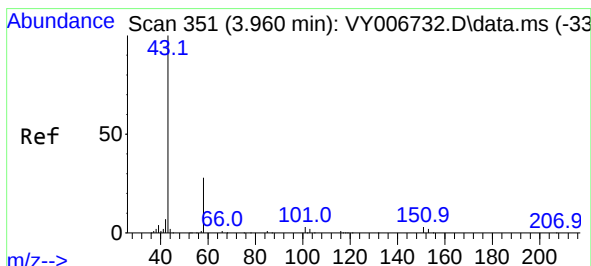
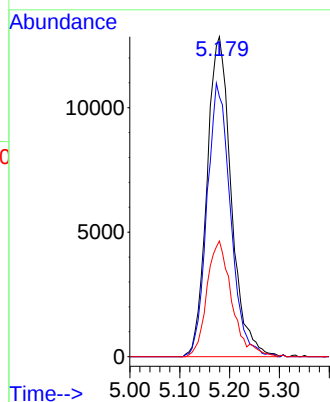
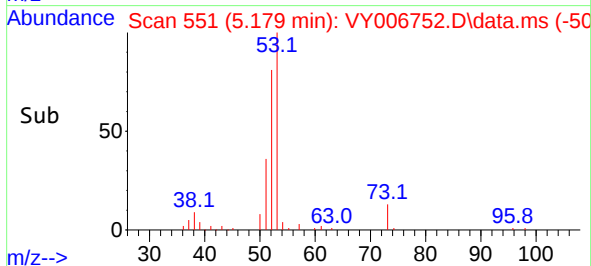
Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01



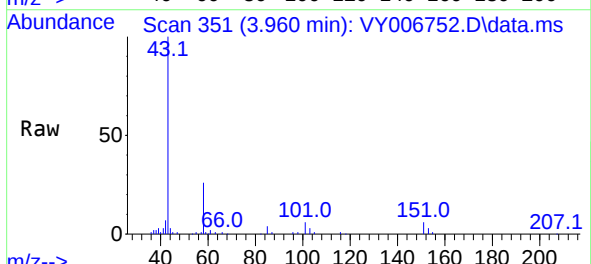
Tgt Ion: 53 Resp: 4338
Ion Ratio Lower Upper
53 100
52 82.7 67.1 100.7
51 37.2 30.0 45.0

Manual Integrations
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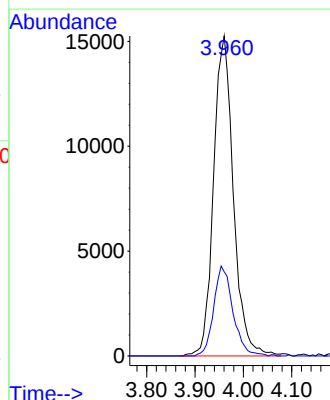
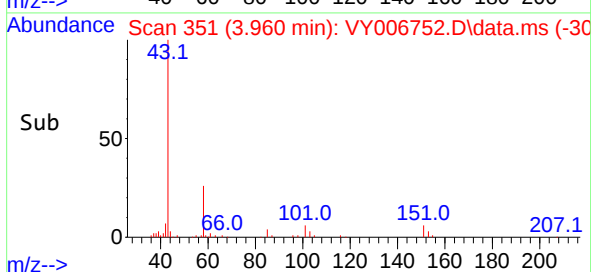
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

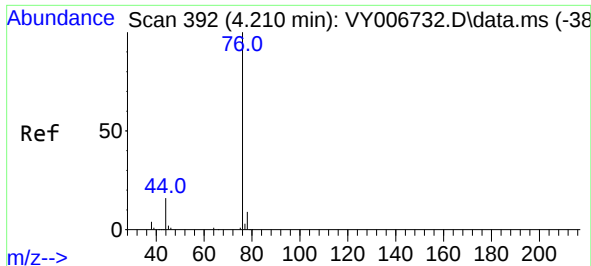


#16
Acetone
Concen: 93.624 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30



Tgt Ion: 43 Resp: 43429
Ion Ratio Lower Upper
43 100
58 26.3 22.9 34.3





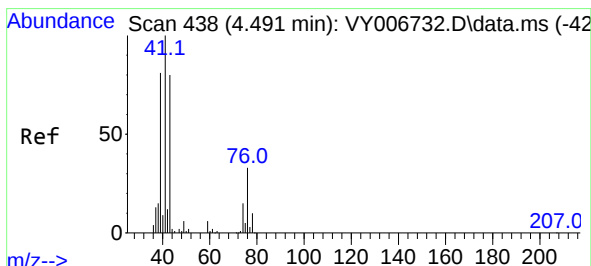
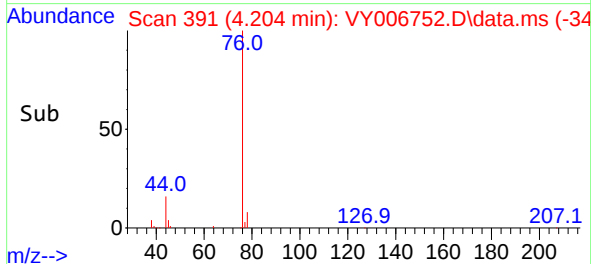
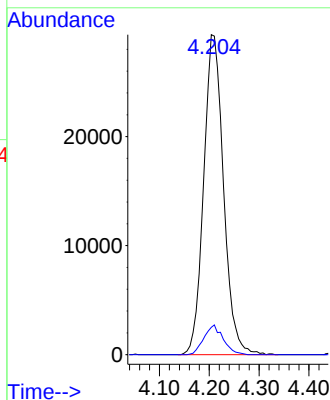
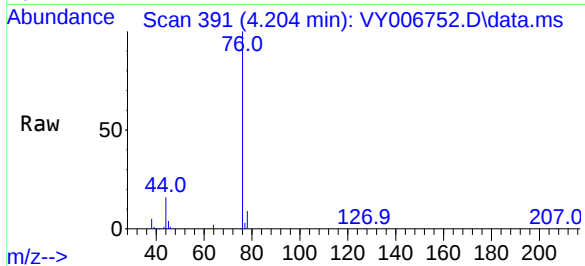
#17
Carbon Disulfide
Concen: 20.392 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01

Tgt Ion: 76 Resp: 8118
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7

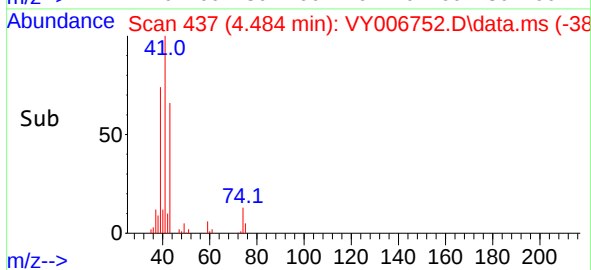
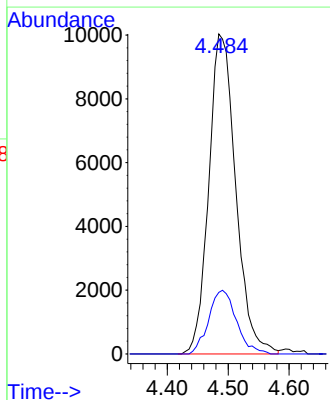
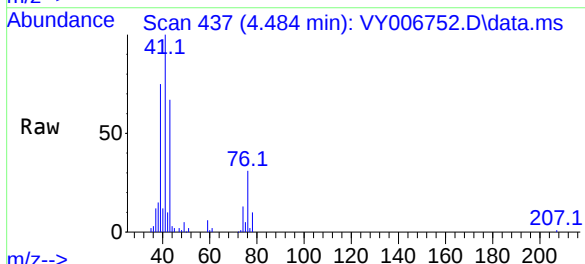
Manual Integrations
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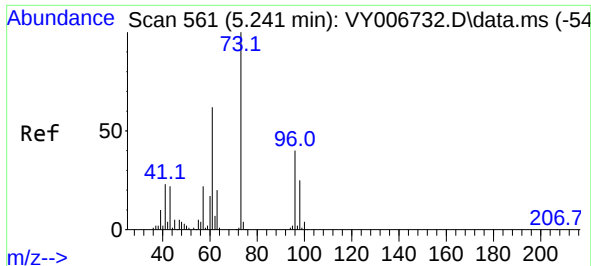
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#18
Methyl Acetate
Concen: 20.544 ug/l
RT: 4.484 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

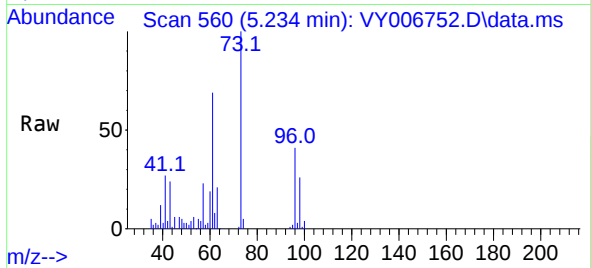
Tgt Ion: 43 Resp: 30849
Ion Ratio Lower Upper
43 100
74 20.5 16.6 25.0





#19
Methyl tert-butyl Ether
Concen: 20.849 ug/l
RT: 5.234 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

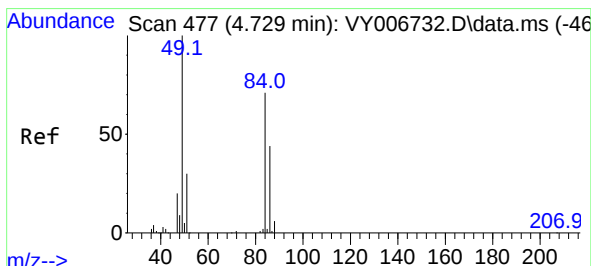
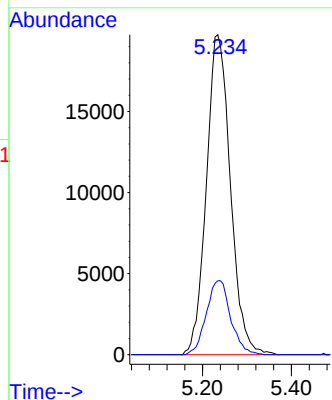
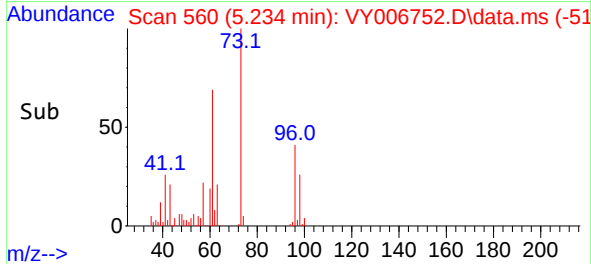
Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01



Tgt Ion: 73 Resp: 7412
Ion Ratio Lower Upper
73 100
57 23.1 18.2 27.2

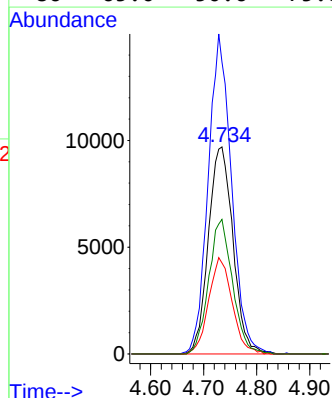
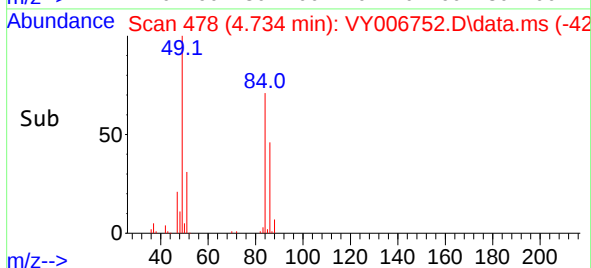
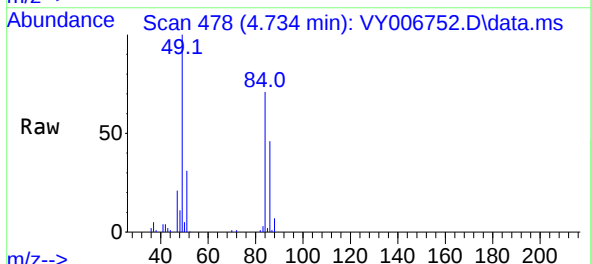
Manual Integrations
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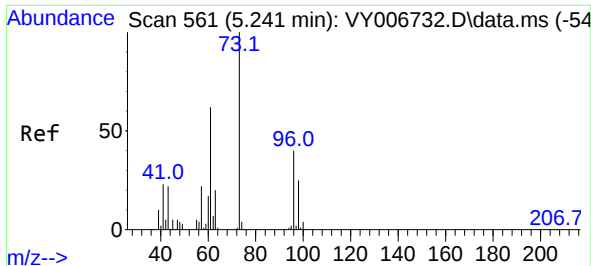
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#20
Methylene Chloride
Concen: 20.592 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

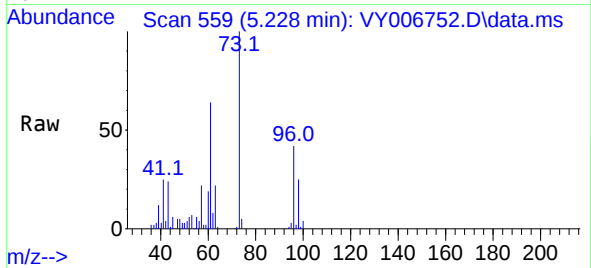
Tgt Ion: 84 Resp: 31288
Ion Ratio Lower Upper
84 100
49 141.1 107.8 161.8
51 44.0 32.8 49.2
86 65.0 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 20.629 ug/l
RT: 5.228 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

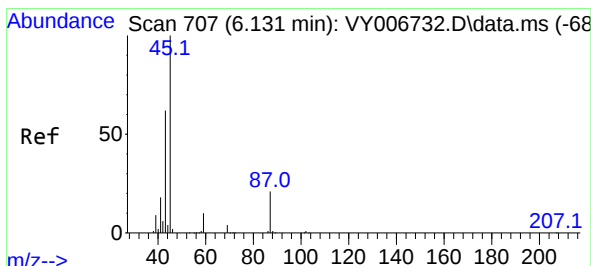
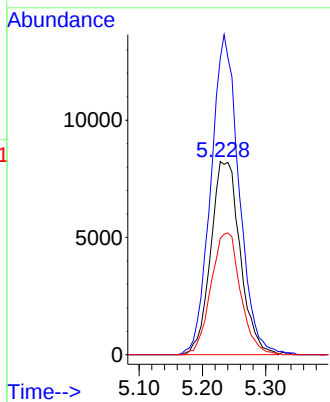
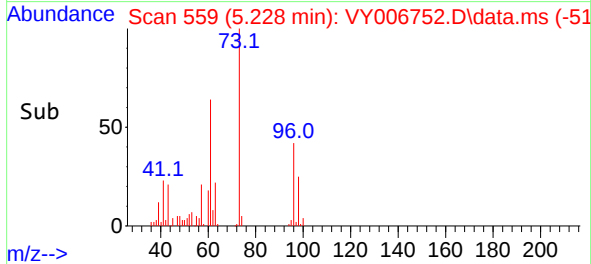
Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01



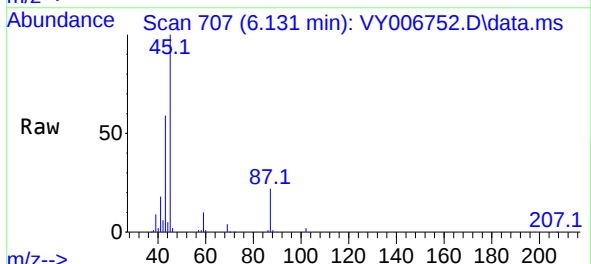
Tgt Ion: 96 Resp: 2658
Ion Ratio Lower Upper
96 100
61 153.4 120.6 181.0
98 60.1 51.3 76.9

Manual Integrations
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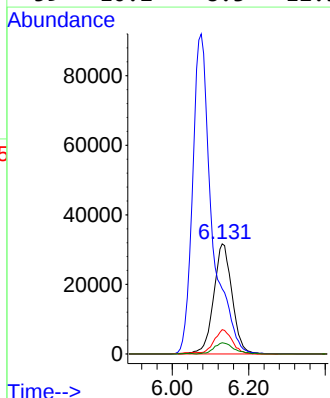
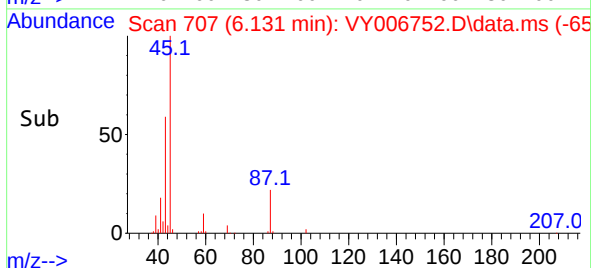
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

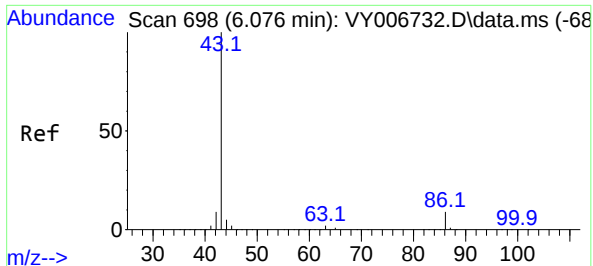


#22
Diisopropyl ether
Concen: 21.130 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30



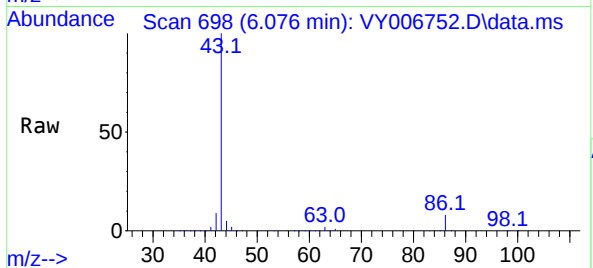
Tgt Ion: 45 Resp: 105920
Ion Ratio Lower Upper
45 100
43 58.8 47.7 71.5
87 22.1 20.1 30.1
59 10.2 8.3 12.5





#23
 Vinyl Acetate
 Concen: 106.399 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY006752.D
 Acq: 16 Nov 2021 11:30

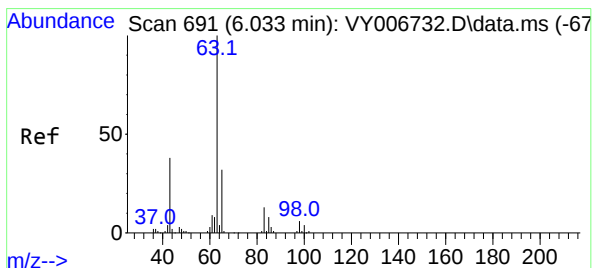
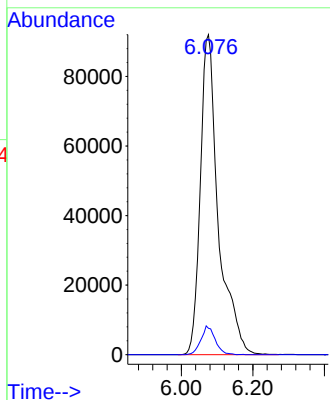
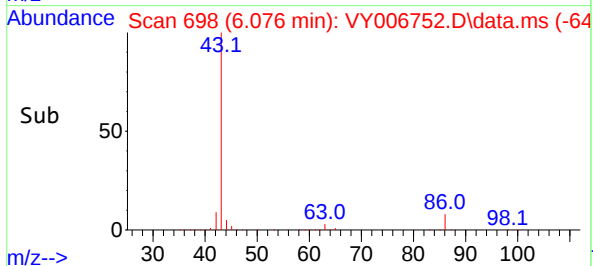
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1116SBS01



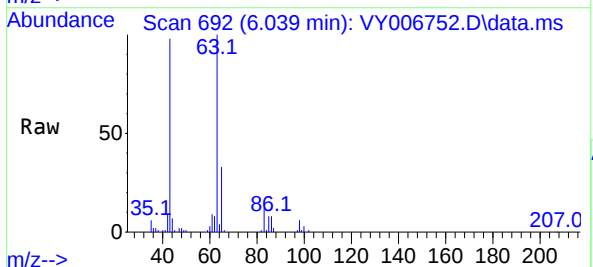
Tgt Ion: 43 Resp: 32206
 Ion Ratio Lower Upper
 43 100
 86 8.3 7.3 10.9

Manual Integrations
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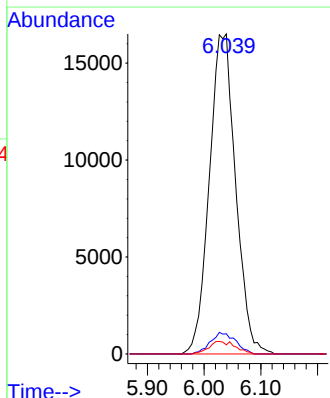
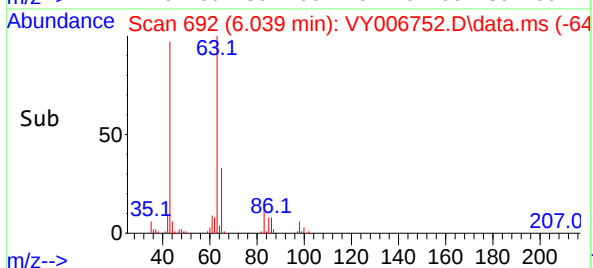
Reviewed By :Vimala Arumugam 11/17/2021
 Supervised By :Mahesh Dadoda 11/18/2021

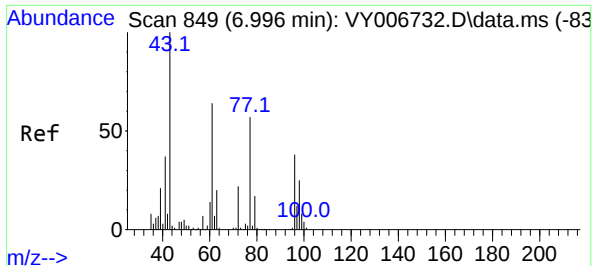


#24
 1,1-Dichloroethane
 Concen: 20.768 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY006752.D
 Acq: 16 Nov 2021 11:30



Tgt Ion: 63 Resp: 53138
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.4
 100 2.8 2.0 6.0





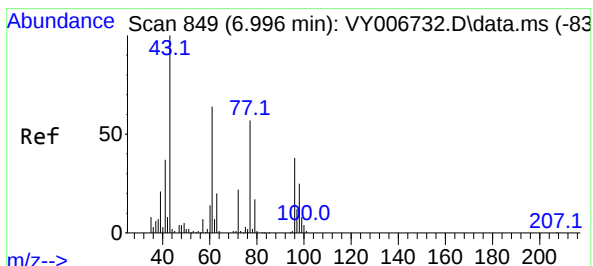
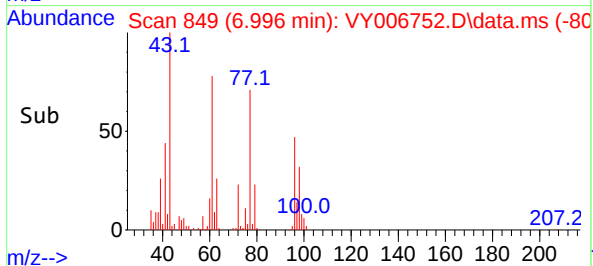
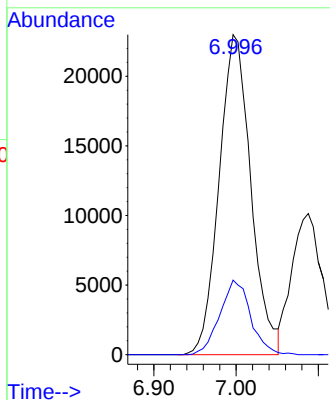
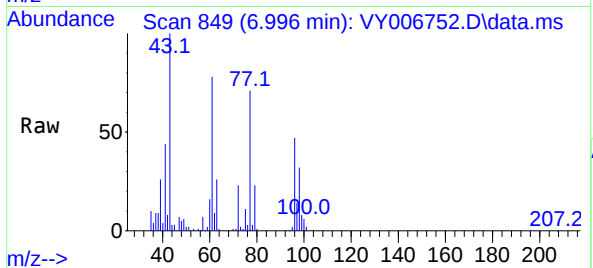
#25
2-Butanone
Concen: 98.927 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBSD01

Tgt Ion: 43 Resp: 61812
Ion Ratio Lower Upper
43 100
72 23.3 18.9 28.3

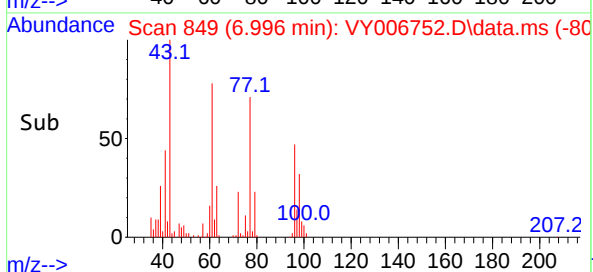
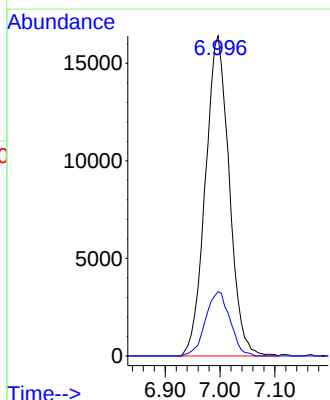
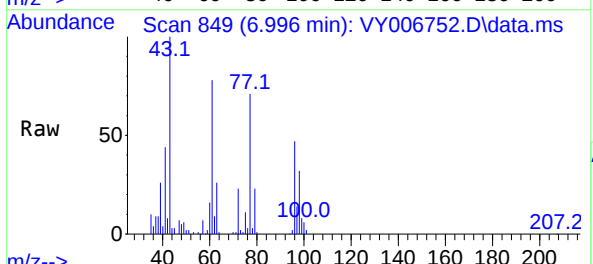
Manual Integrations
APPROVED

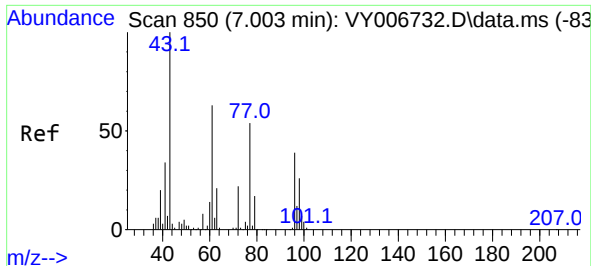
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#26
2,2-Dichloropropane
Concen: 21.416 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

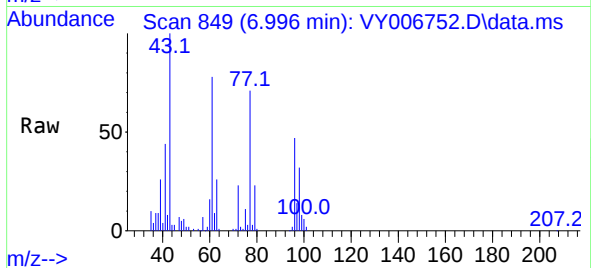
Tgt Ion: 77 Resp: 49515
Ion Ratio Lower Upper
77 100
97 20.6 10.6 31.8





#27
cis-1,2-Dichloroethene
Concen: 20.722 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.007 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

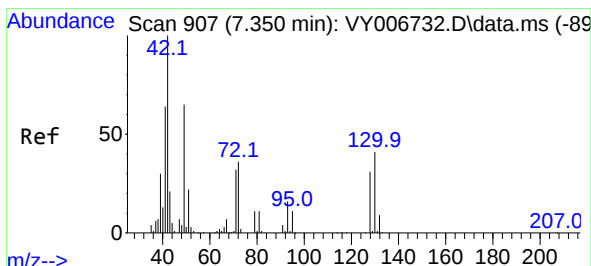
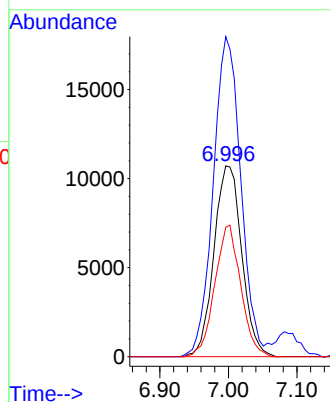
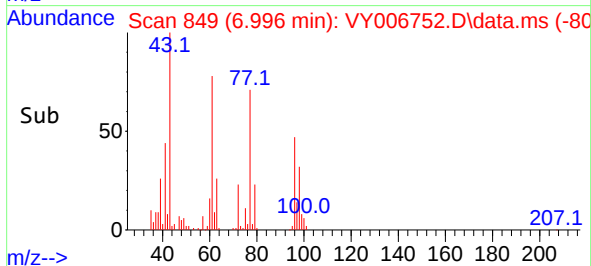
Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01



Tgt Ion: 96 Resp: 30150
Ion Ratio Lower Upper
96 100
61 166.1 0.0 314.0
98 64.3 0.0 127.8

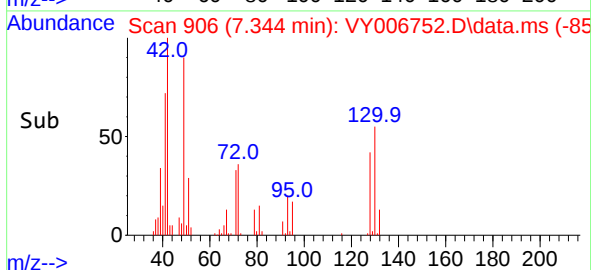
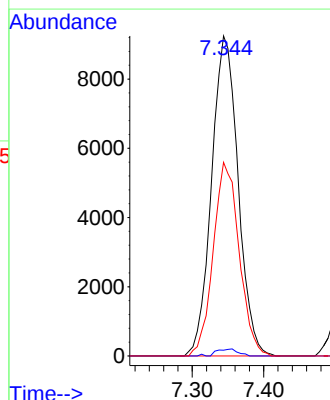
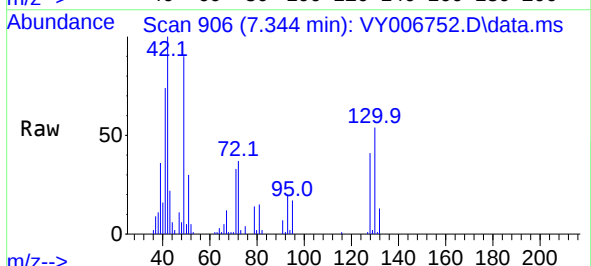
Manual Integrations
APPROVED

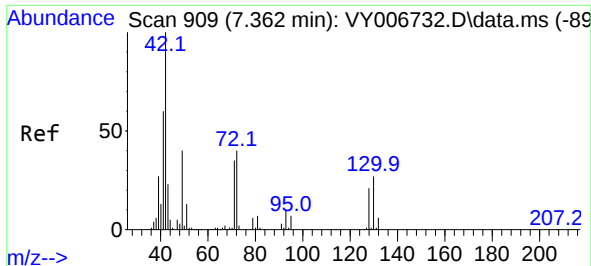
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#28
Bromochloromethane
Concen: 19.782 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

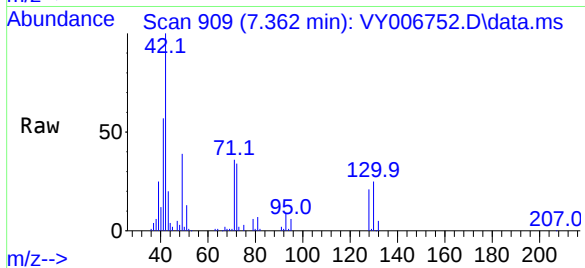
Tgt Ion: 49 Resp: 23808
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.4
130 59.1 55.6 83.4





#29
Tetrahydrofuran
Concen: 104.247 ug/l
RT: 7.362 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

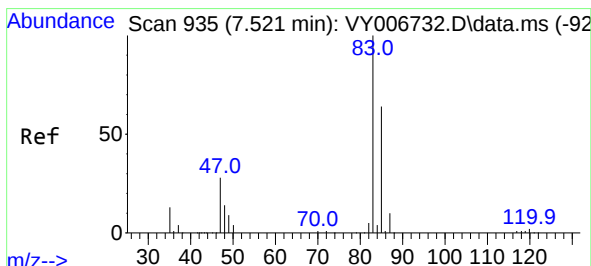
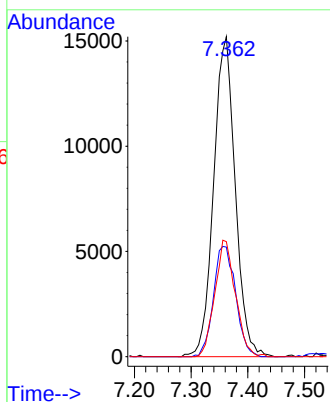
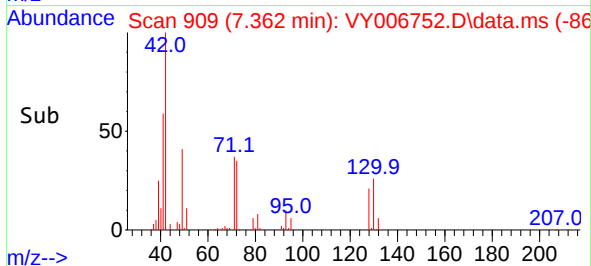
Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01



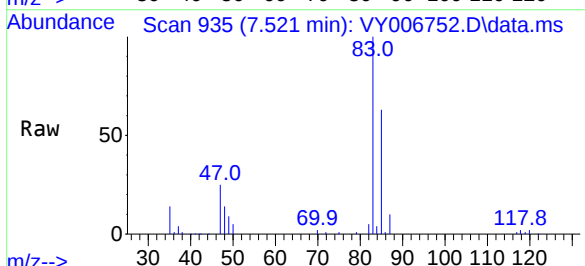
Tgt Ion: 42 Resp: 40130
Ion Ratio Lower Upper
42 100
72 35.4 32.0 48.0
71 34.8 30.3 45.5

Manual Integrations
APPROVED

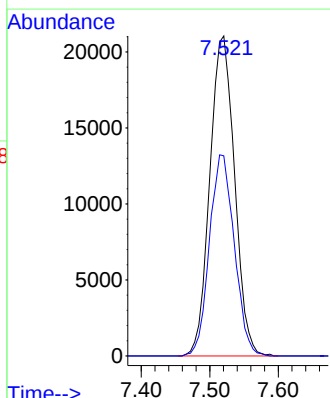
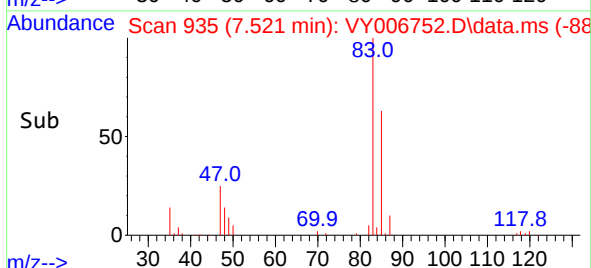
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

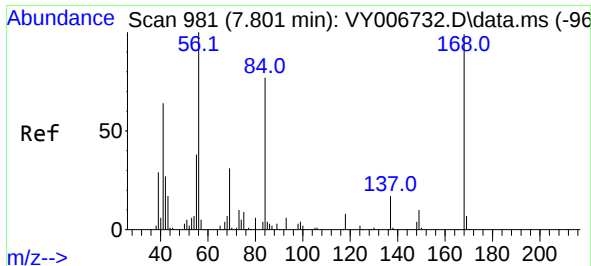


#30
Chloroform
Concen: 21.461 ug/l
RT: 7.521 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30



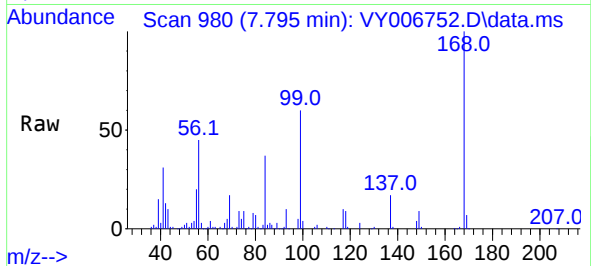
Tgt Ion: 83 Resp: 52787
Ion Ratio Lower Upper
83 100
85 62.5 50.2 75.4





#31
Cyclohexane
Concen: 20.731 ug/l
RT: 7.795 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

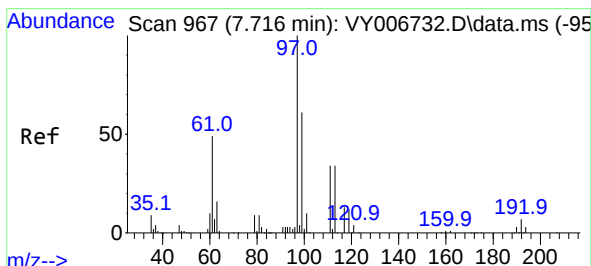
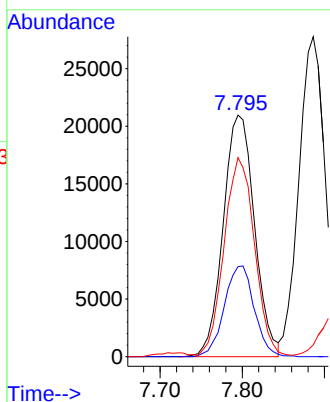
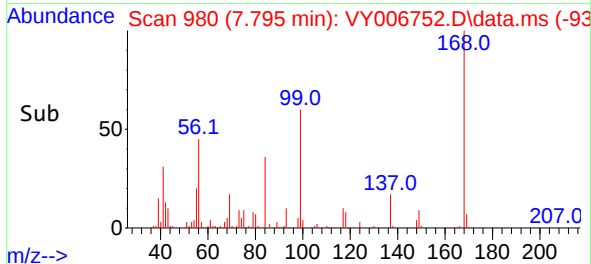
Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01



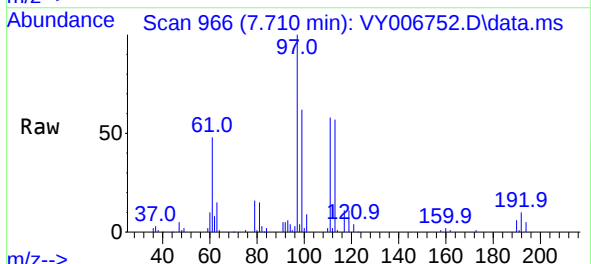
Tgt Ion: 56 Resp: 55630
Ion Ratio Lower Upper
56 100
69 37.3 26.6 40.0
84 80.8 65.0 97.4

Manual Integrations
APPROVED

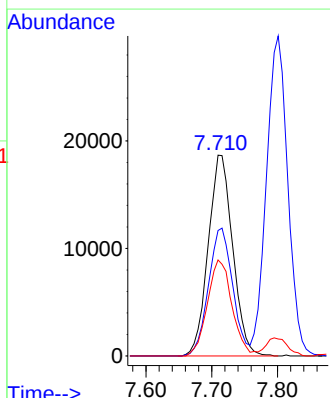
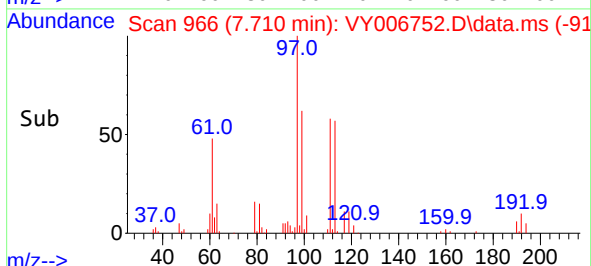
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

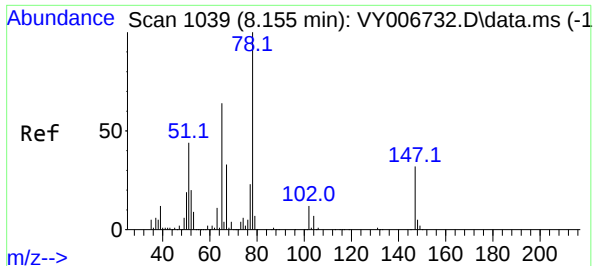


#32
1,1,1-Trichloroethane
Concen: 21.351 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30



Tgt Ion: 97 Resp: 48398
Ion Ratio Lower Upper
97 100
99 63.1 51.0 76.4
61 48.2 37.4 56.2





#33

1,2-Dichloroethane-d4

Concen: 49.701 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY006752.D

Acq: 16 Nov 2021 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1116SBS01

Tgt Ion: 65 Resp: 75880

Ion Ratio Lower Upper

65 100

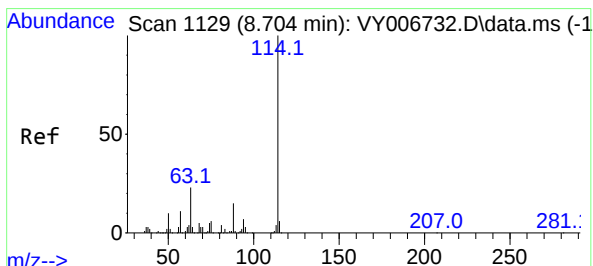
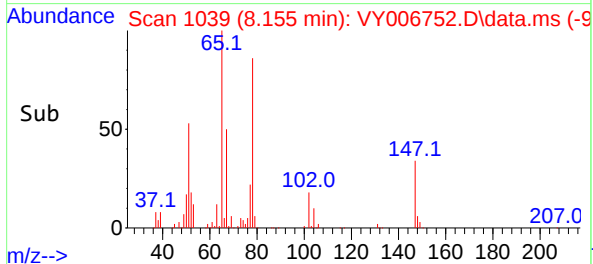
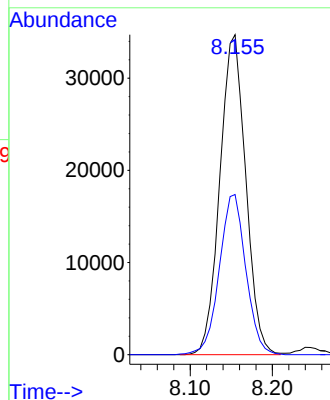
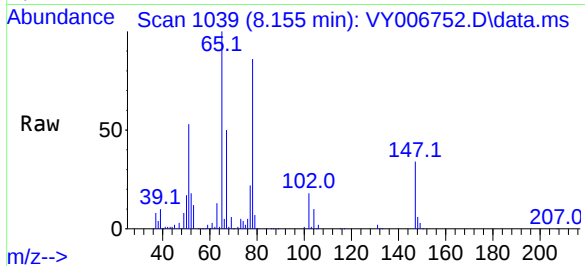
67 51.4 0.0 98.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006752.D

Acq: 16 Nov 2021 11:30

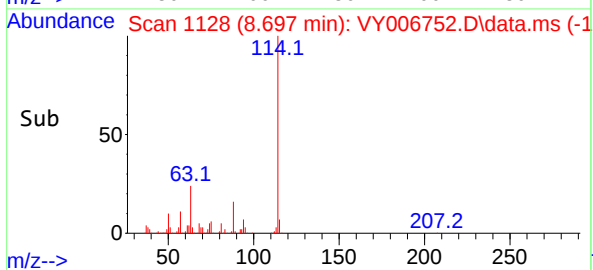
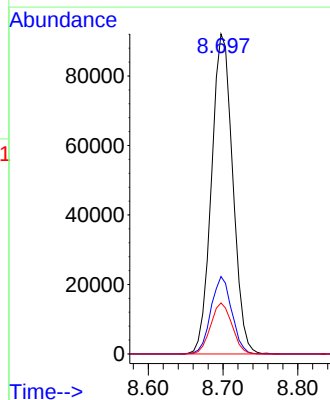
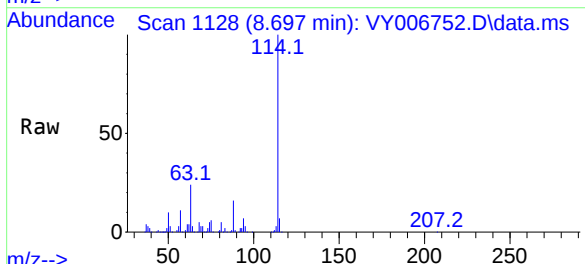
Tgt Ion:114 Resp: 181849

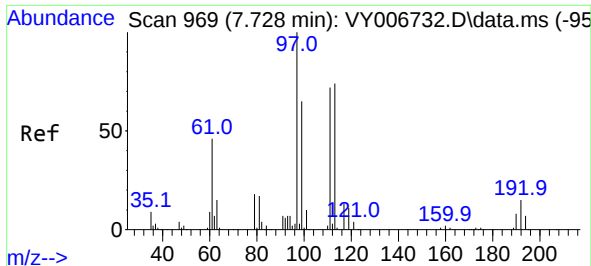
Ion Ratio Lower Upper

114 100

63 24.2 0.0 45.0

88 16.0 0.0 30.6





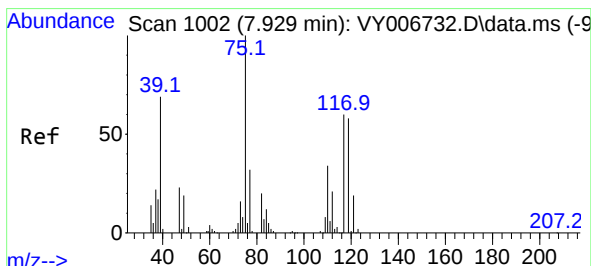
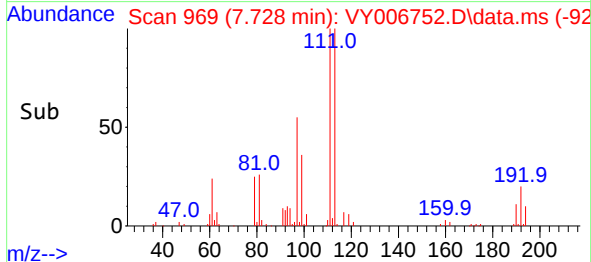
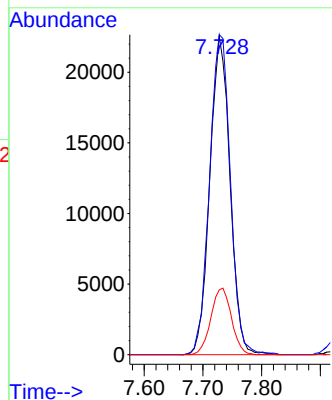
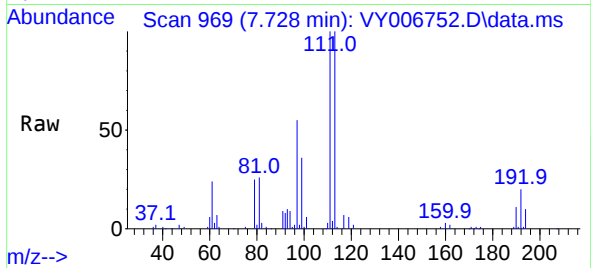
#35
Dibromofluoromethane
Concen: 48.146 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01

Tgt Ion:113 Resp: 53779
Ion Ratio Lower Upper
113 100
111 104.0 82.3 123.5
192 21.3 17.4 26.2

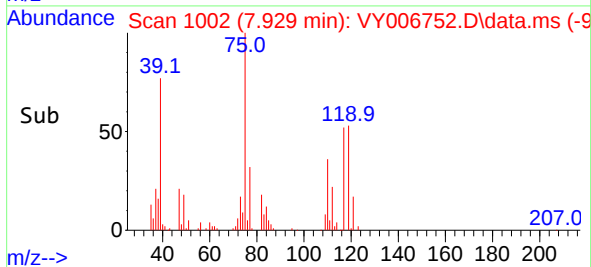
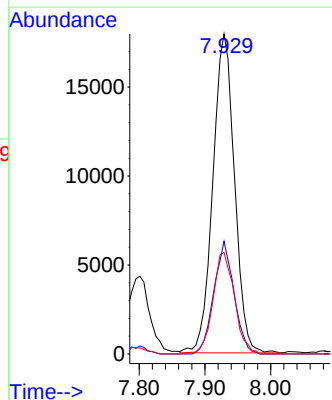
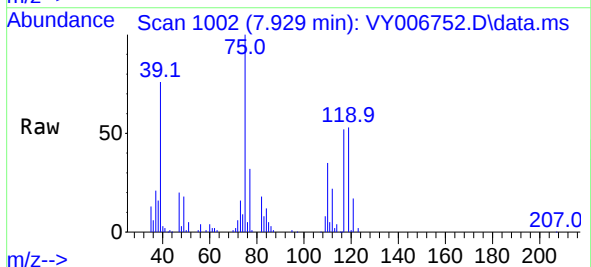
Manual Integrations
APPROVED

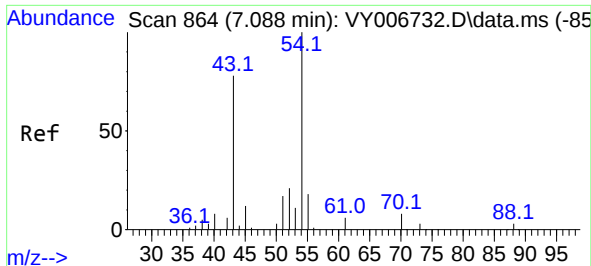
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#36
1,1-Dichloropropene
Concen: 20.773 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Tgt Ion: 75 Resp: 41061
Ion Ratio Lower Upper
75 100
110 33.0 17.1 51.3
77 31.6 24.9 37.3





#37
Ethyl Acetate
Concen: 20.137 ug/l
RT: 7.088 min Scan# 864
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

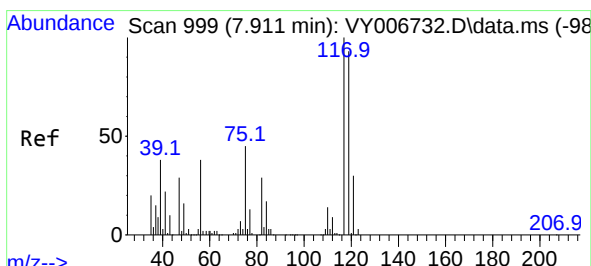
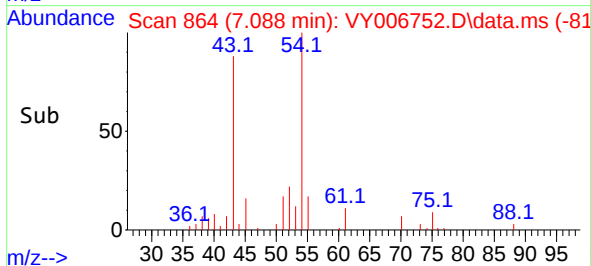
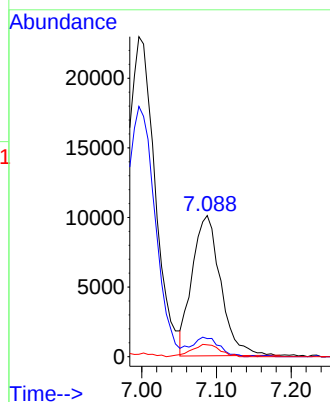
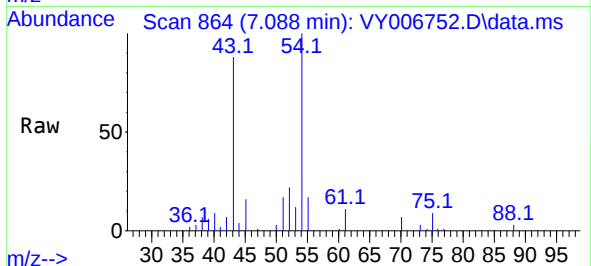
Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01

Tgt Ion: 43 Resp: 2661

Ion	Ratio	Lower	Upper
43	100		
61	11.7	9.4	14.2
70	8.7	6.9	10.3

Manual Integrations
APPROVED

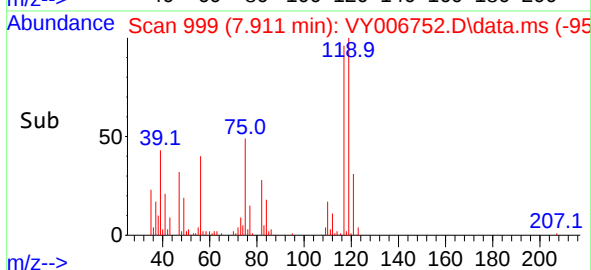
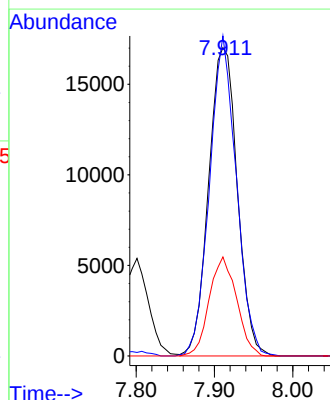
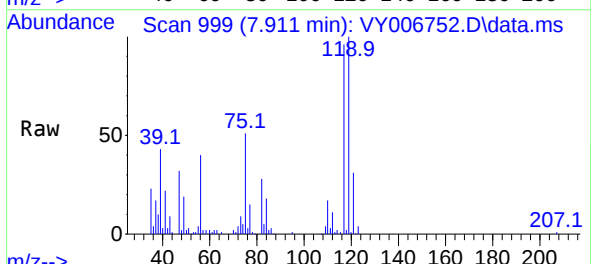
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

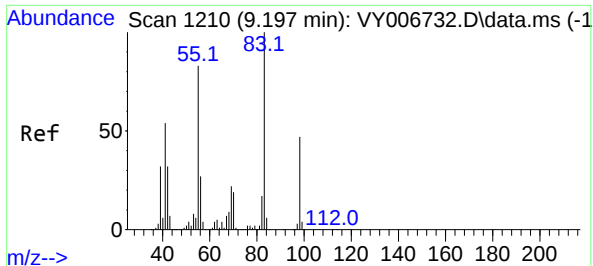


#38
Carbon Tetrachloride
Concen: 21.409 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Tgt Ion:117 Resp: 43283

Ion	Ratio	Lower	Upper
117	100		
119	103.8	76.6	115.0
121	32.1	24.7	37.1





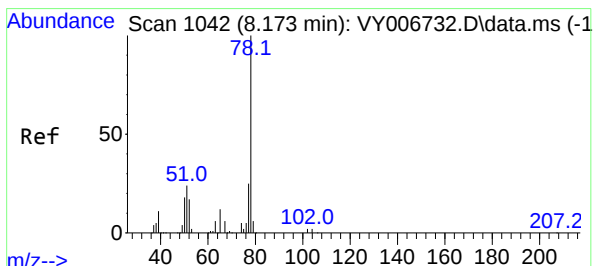
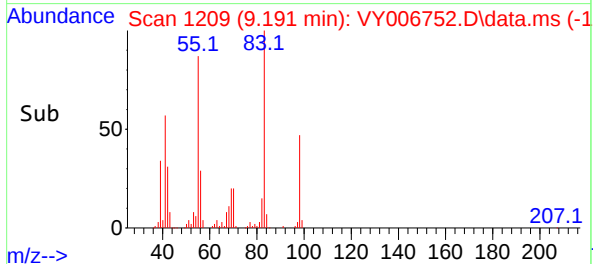
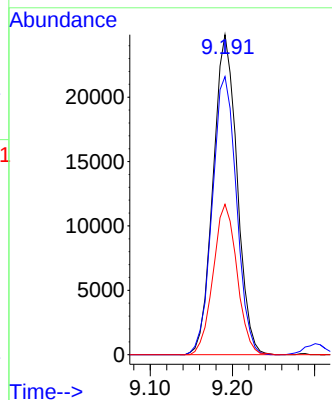
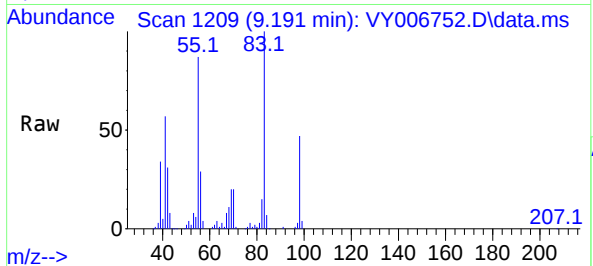
#39
Methylcyclohexane
Concen: 20.818 ug/l
RT: 9.191 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01

Tgt Ion: 83 Resp: 50184
Ion Ratio Lower Upper
83 100
55 86.9 65.3 97.9
98 47.0 37.0 55.4

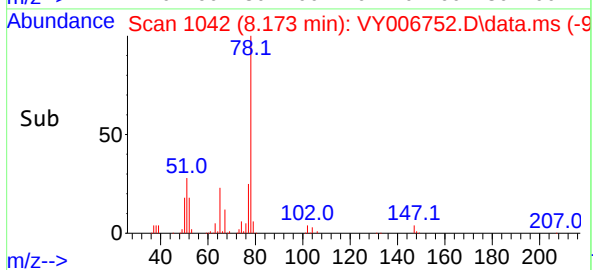
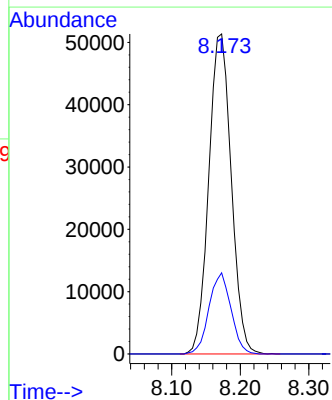
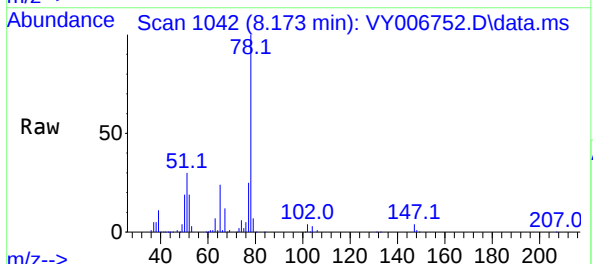
Manual Integrations
APPROVED

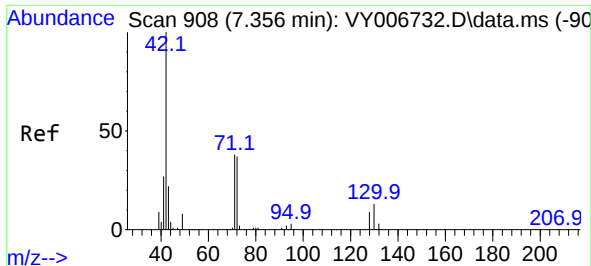
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#40
Benzene
Concen: 20.996 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

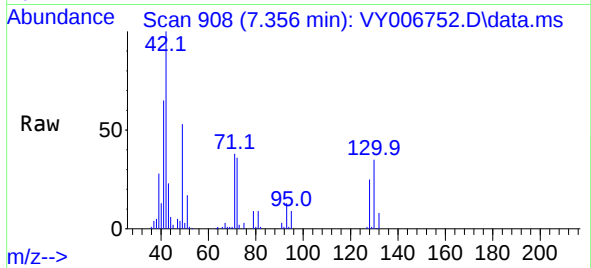
Tgt Ion: 78 Resp: 116829
Ion Ratio Lower Upper
78 100
77 25.3 19.7 29.5





#41
Methacrylonitrile
Concen: 21.712 ug/l m
RT: 7.356 min Scan# 908
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

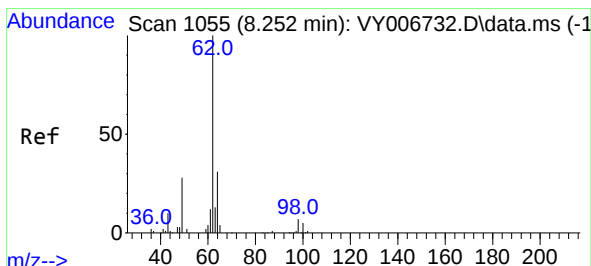
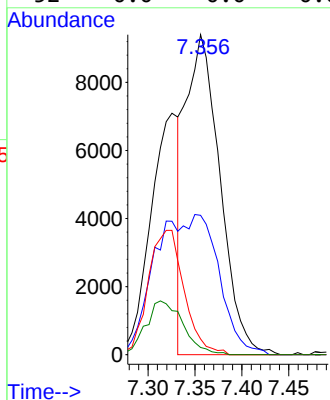
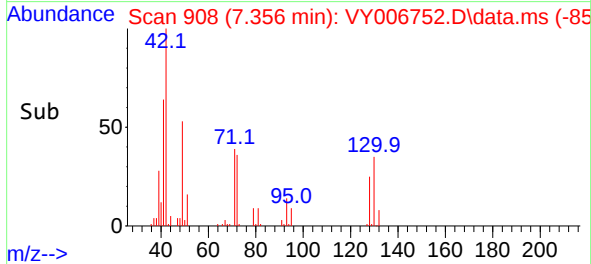
Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01



Tgt Ion: 41 Resp: 24092
Ion Ratio Lower Upper
41 100
39 0.0 109.0 163.6
67 0.0 0.0 0.0
52 0.0 0.0 0.0

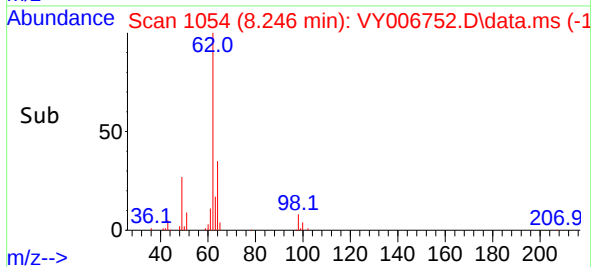
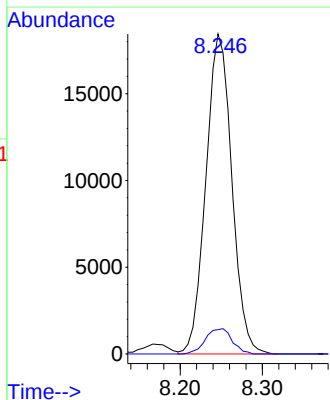
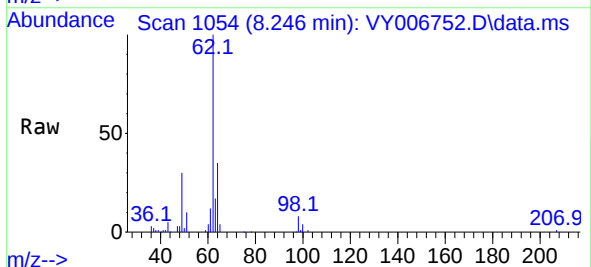
Manual Integrations
APPROVED

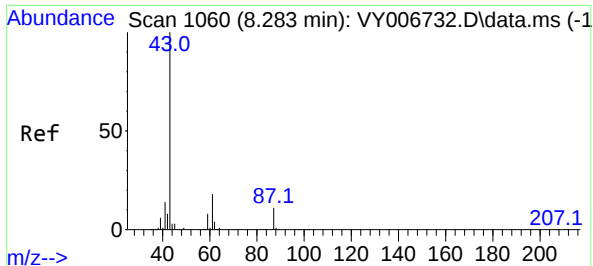
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#42
1,2-Dichloroethane
Concen: 21.848 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

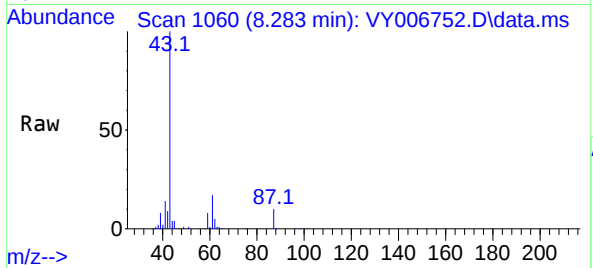
Tgt Ion: 62 Resp: 40502
Ion Ratio Lower Upper
62 100
98 8.1 0.0 15.2





#43
Isopropyl Acetate
Concen: 21.299 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

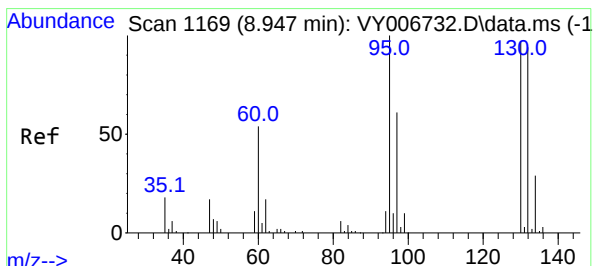
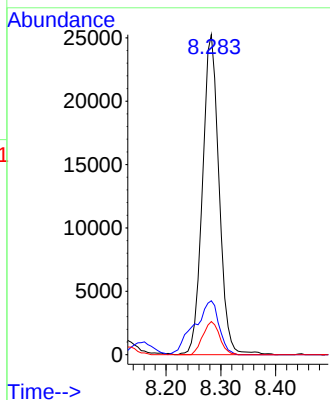
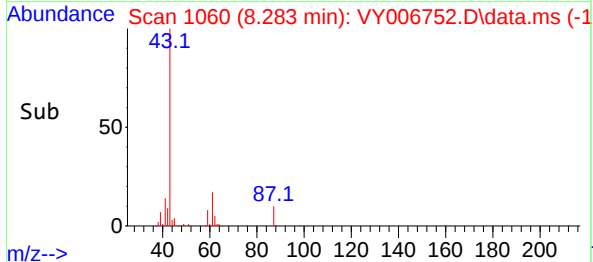
Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01



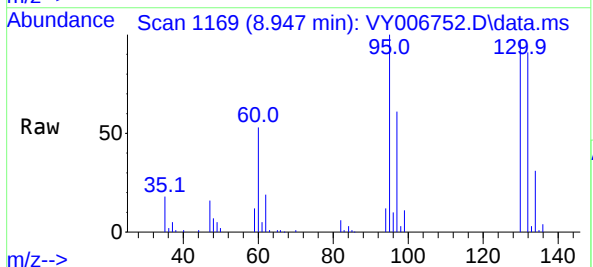
Tgt Ion: 43 Resp: 5280
Ion Ratio Lower Upper
43 100
61 25.2 20.5 30.7
87 10.5 9.0 13.6

Manual Integrations
APPROVED

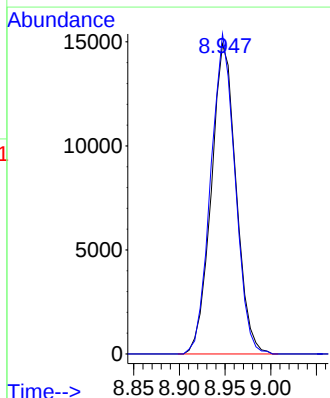
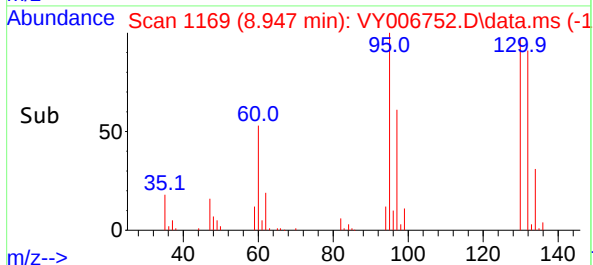
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

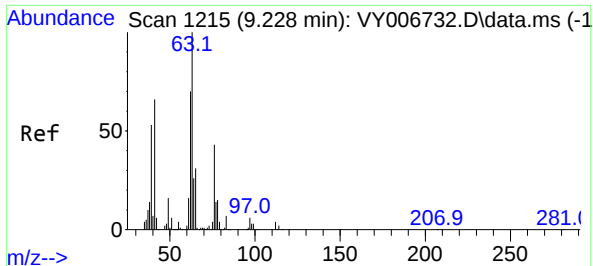


#44
Trichloroethene
Concen: 20.823 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30



Tgt Ion:130 Resp: 28188
Ion Ratio Lower Upper
130 100
95 103.2 0.0 200.4





#45

1,2-Dichloropropane

Concen: 20.927 ug/l

RT: 9.228 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY006752.D

Acq: 16 Nov 2021 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1116SBS01

Tgt Ion: 63 Resp: 3004

Ion Ratio Lower Upper

63 100

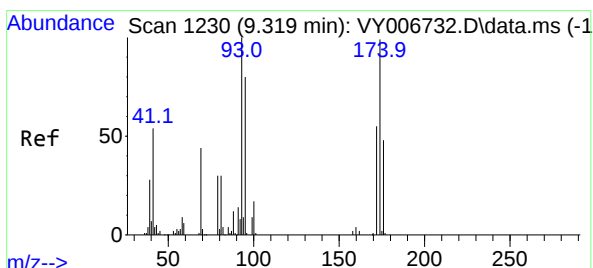
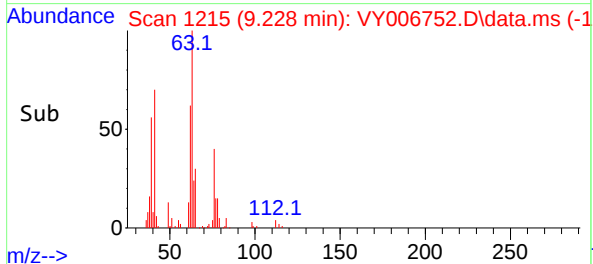
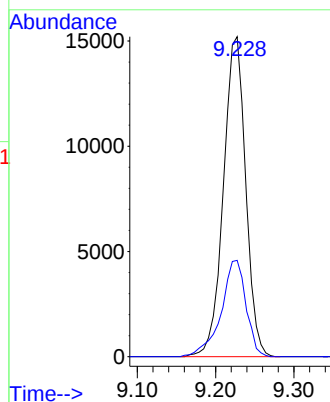
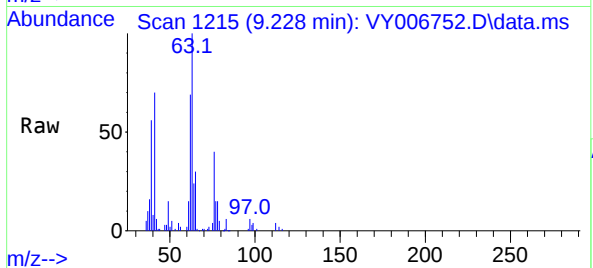
65 30.1 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#46

Dibromomethane

Concen: 20.975 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.006 min

Lab File: VY006752.D

Acq: 16 Nov 2021 11:30

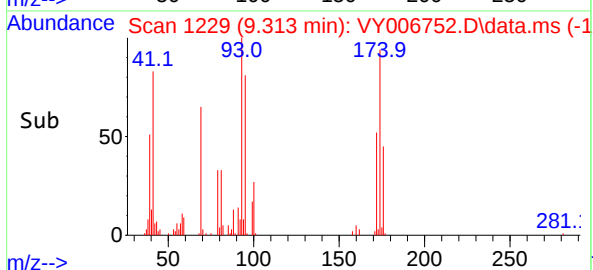
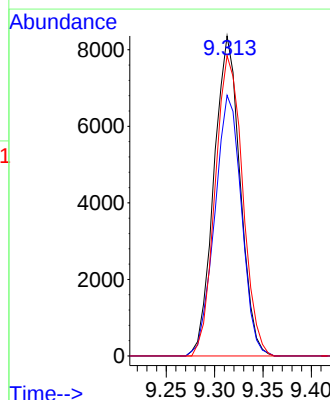
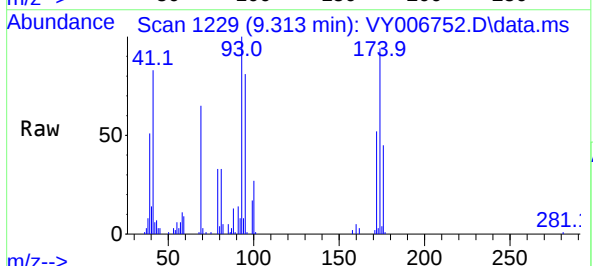
Tgt Ion: 93 Resp: 15684

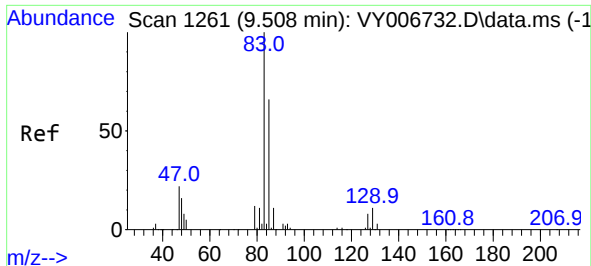
Ion Ratio Lower Upper

93 100

95 83.3 65.5 98.3

174 98.5 84.3 126.5





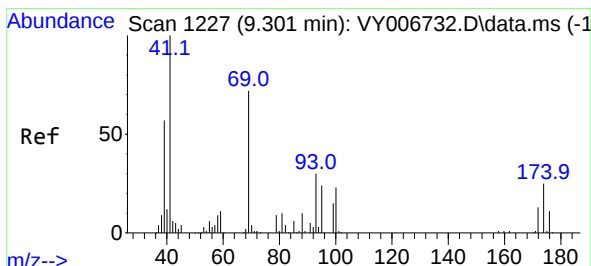
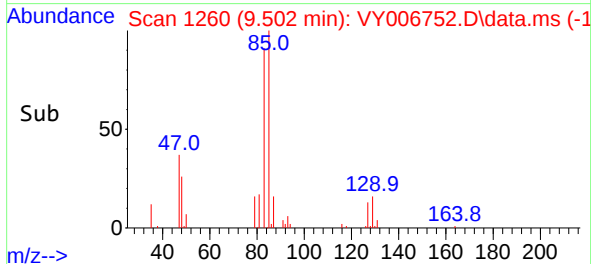
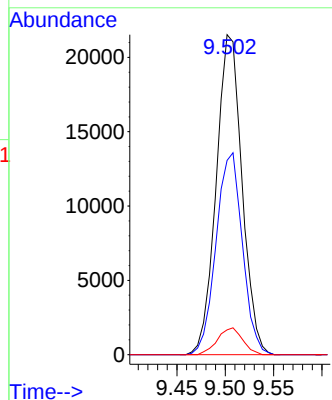
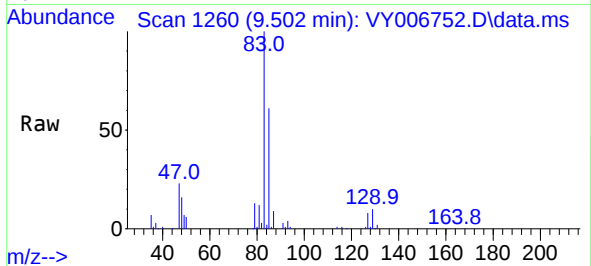
#47
Bromodichloromethane
Concen: 21.085 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01

Tgt Ion: 83 Resp: 40038
Ion Ratio Lower Upper
83 100
85 60.7 49.9 74.9
127 7.7 7.1 10.7

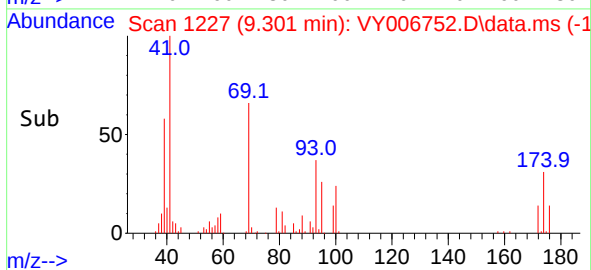
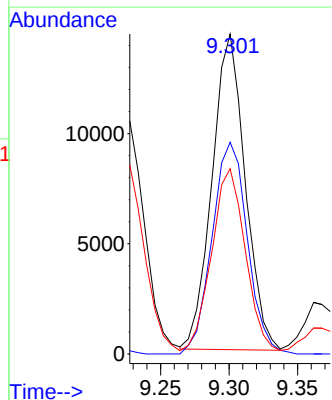
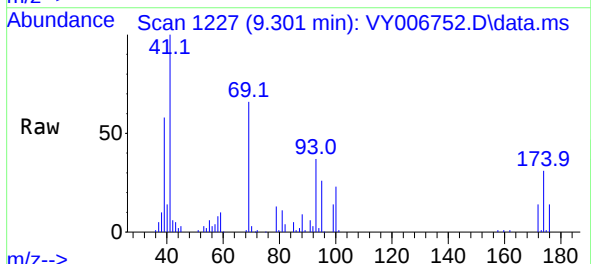
Manual Integrations
APPROVED

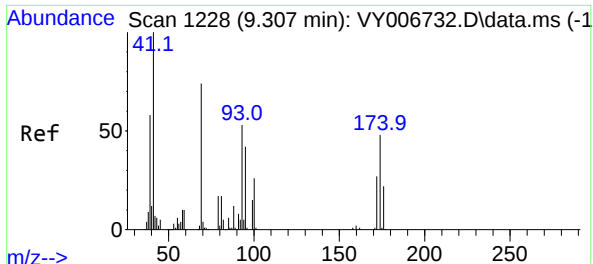
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#48
Methyl methacrylate
Concen: 20.512 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Tgt Ion: 41 Resp: 24092
Ion Ratio Lower Upper
41 100
69 71.5 60.4 90.6
39 58.8 48.2 72.2





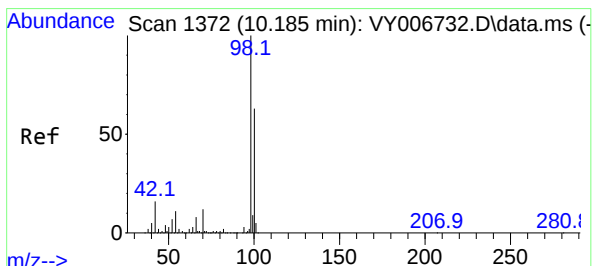
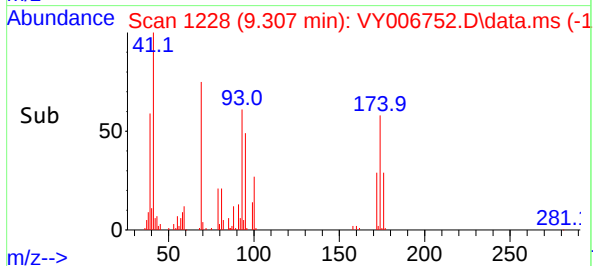
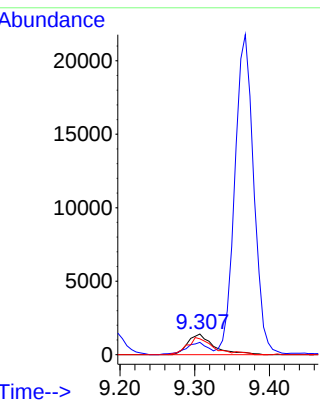
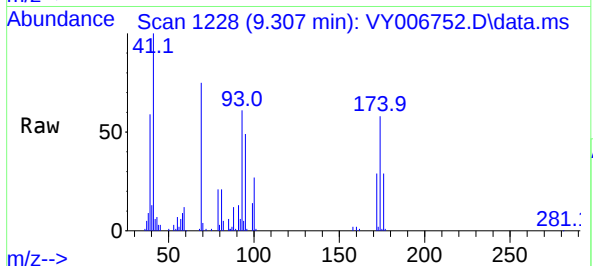
#49
1,4-Dioxane
Concen: 394.290 ug/l
RT: 9.307 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01

Tgt Ion: 88 Resp: 338
Ion Ratio Lower Upper
88 100
43 50.0 34.1 51.1
58 78.1 57.5 86.3

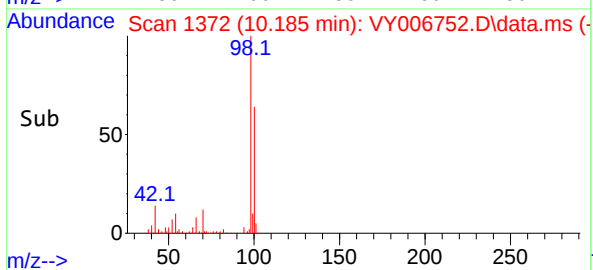
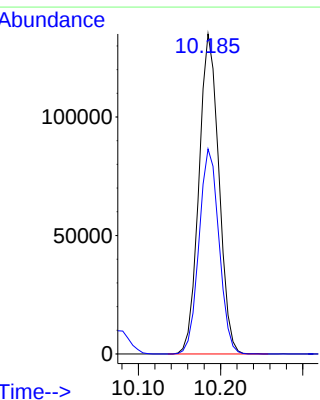
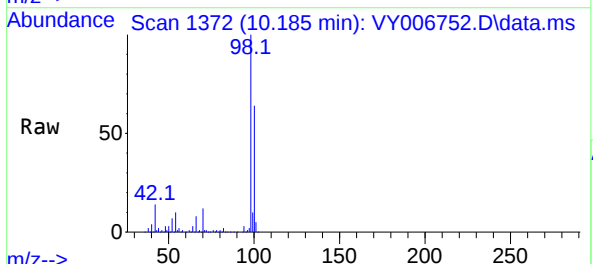
Manual Integrations
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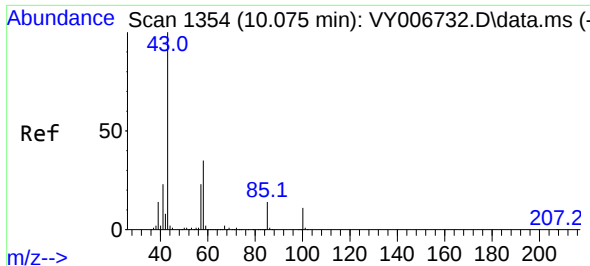
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#50
Toluene-d8
Concen: 49.170 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Tgt Ion: 98 Resp: 227276
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3





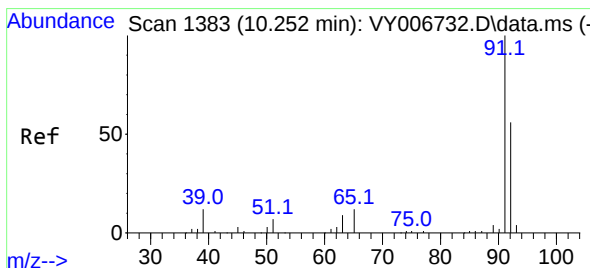
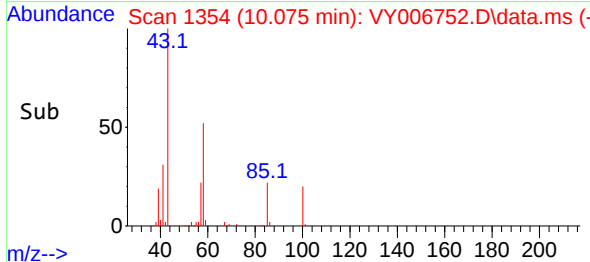
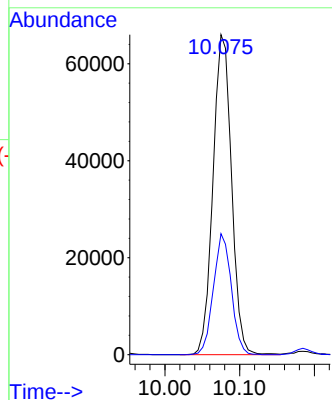
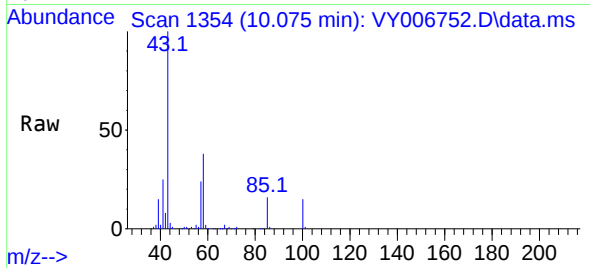
#51
4-Methyl-2-Pentanone
Concen: 87.168 ug/l
RT: 10.075 min Scan# 11382
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01

Tgt Ion: 43 Resp: 11382
Ion Ratio Lower Upper
43 100
58 36.4 28.7 43.1

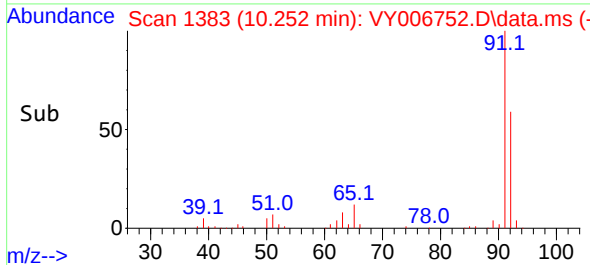
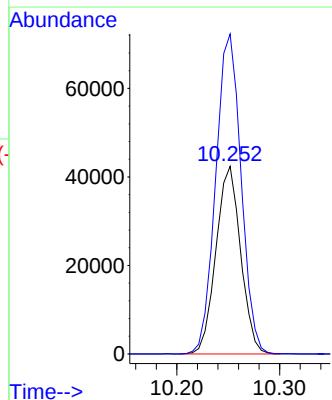
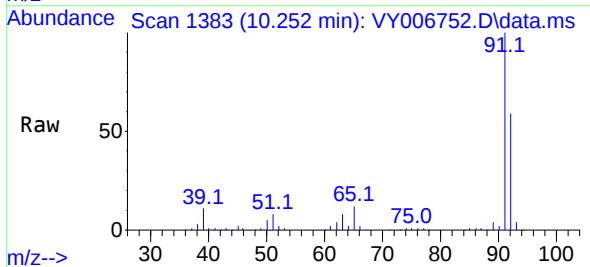
Manual Integrations
APPROVED

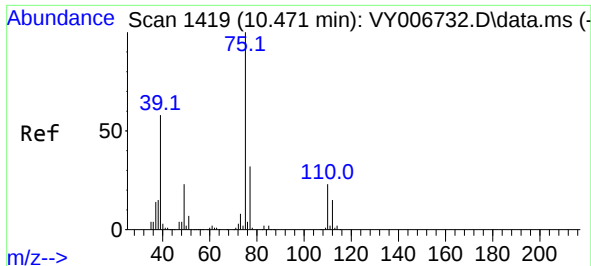
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#52
Toluene
Concen: 20.885 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

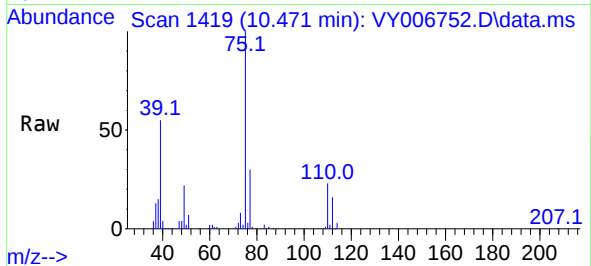
Tgt Ion: 92 Resp: 70569
Ion Ratio Lower Upper
92 100
91 175.5 139.7 209.5





#53
t-1,3-Dichloropropene
Concen: 20.416 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

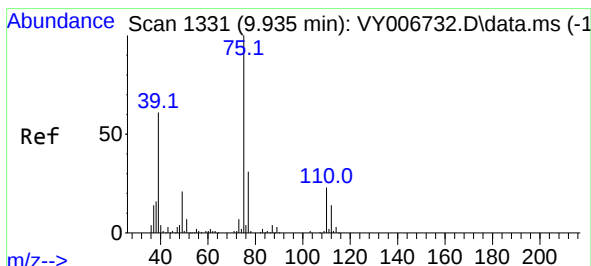
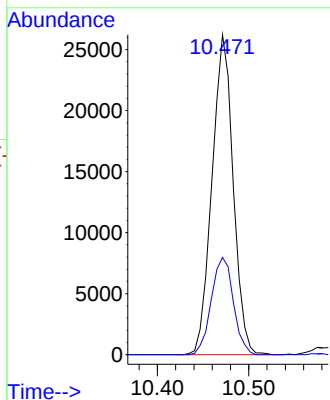
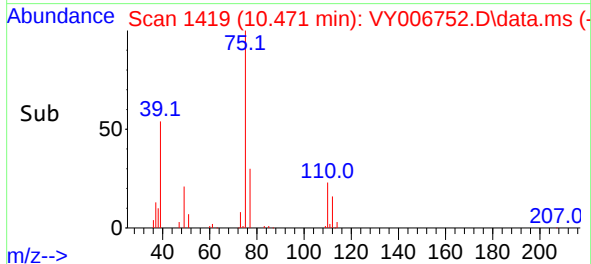
Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01



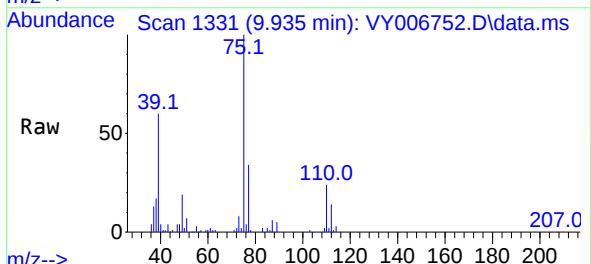
Tgt Ion: 75 Resp: 42140
Ion Ratio Lower Upper
75 100
77 30.4 24.9 37.3

Manual Integrations
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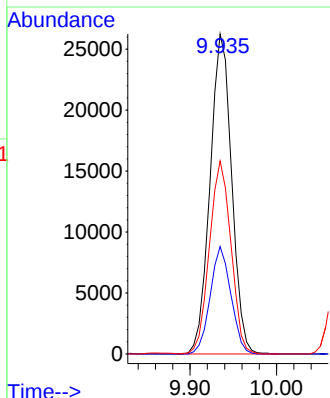
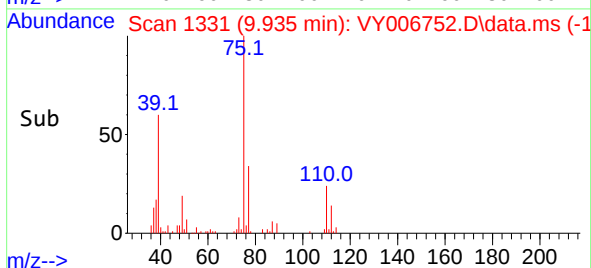
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

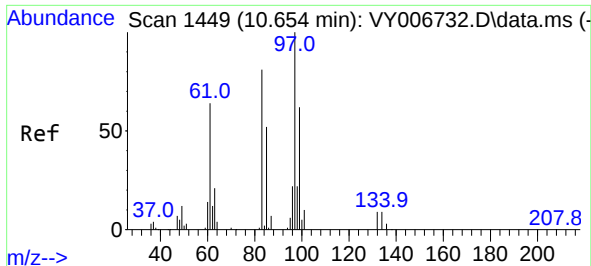


#54
cis-1,3-Dichloropropene
Concen: 19.637 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30



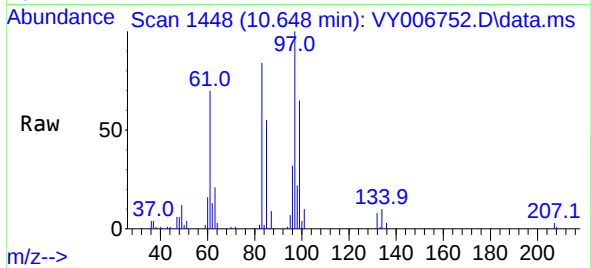
Tgt Ion: 75 Resp: 45458
Ion Ratio Lower Upper
75 100
77 33.5 25.4 38.2
39 60.3 50.2 75.2





#55
1,1,2-Trichloroethane
Concen: 21.060 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01

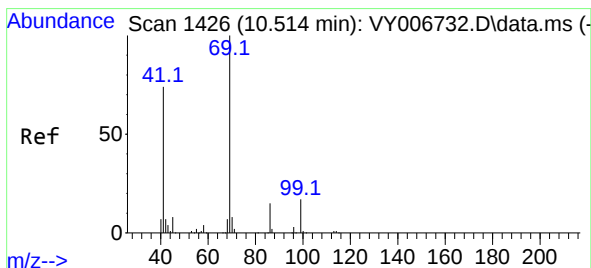
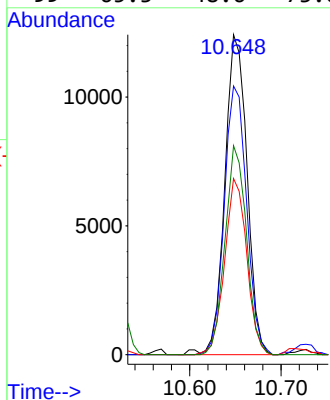
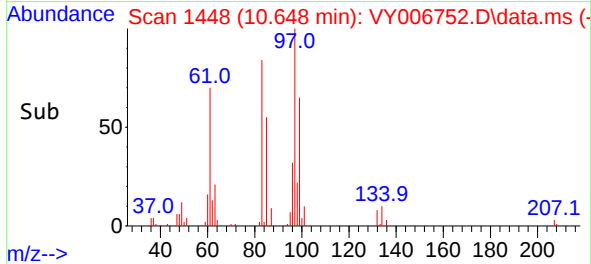


Tgt Ion: 97 Resp: 2102

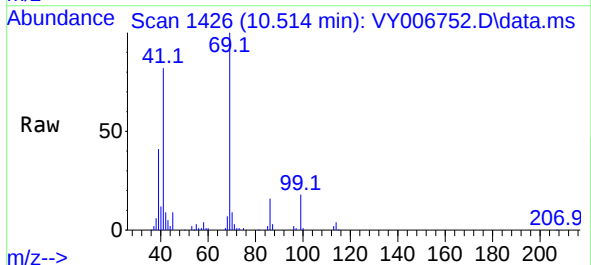
Ion	Ratio	Lower	Upper
97	100		
83	84.0	66.2	99.2
85	55.1	42.2	63.4
99	65.3	48.6	73.0

Manual Integrations
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Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

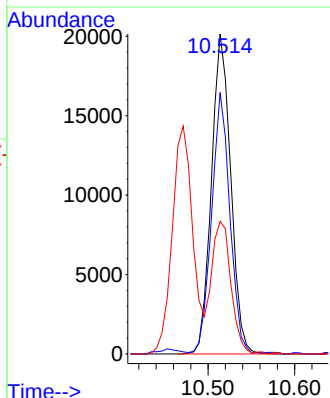
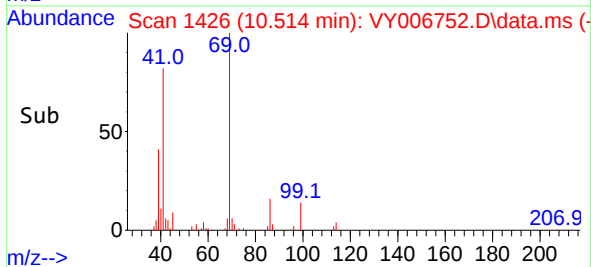


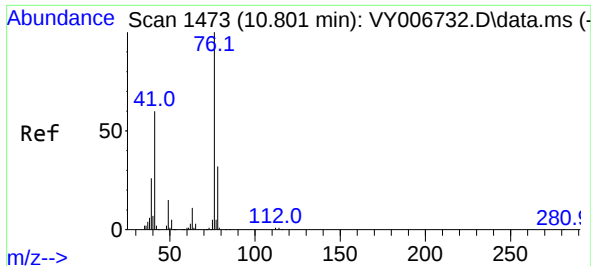
#56
Ethyl methacrylate
Concen: 20.067 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30



Tgt Ion: 69 Resp: 31136

Ion	Ratio	Lower	Upper
69	100		
41	77.0	62.9	94.3
39	41.5	35.7	53.5





#57

1,3-Dichloropropane

Concen: 20.767 ug/l

RT: 10.794 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY006752.D

Acq: 16 Nov 2021 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1116SBS01

Tgt Ion: 76 Resp: 37828

Ion Ratio Lower Upper

76 100

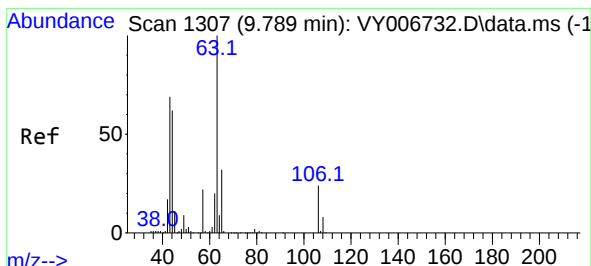
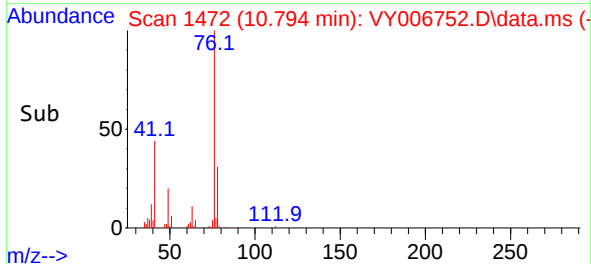
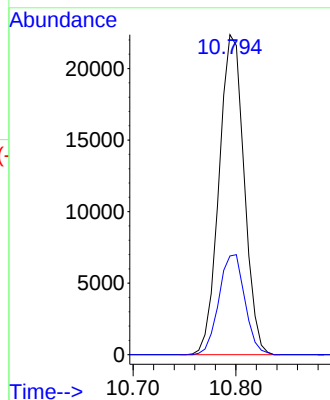
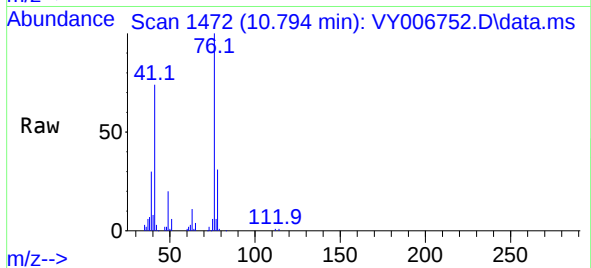
78 32.3 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#58

2-Chloroethyl Vinyl ether

Concen: 97.897 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY006752.D

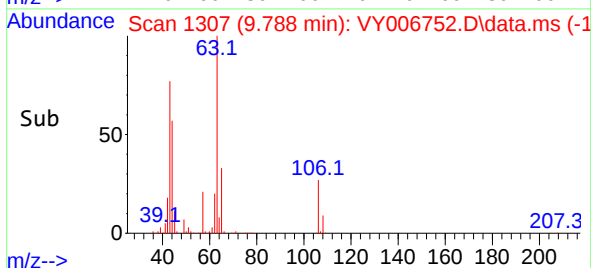
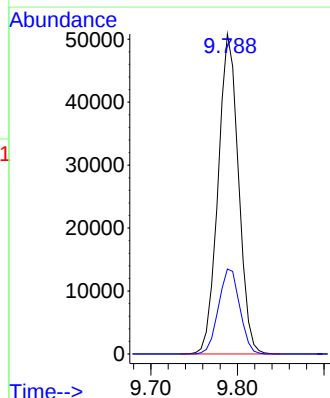
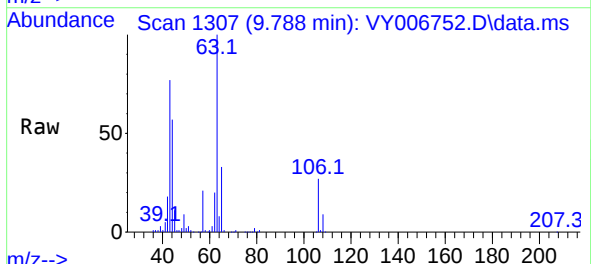
Acq: 16 Nov 2021 11:30

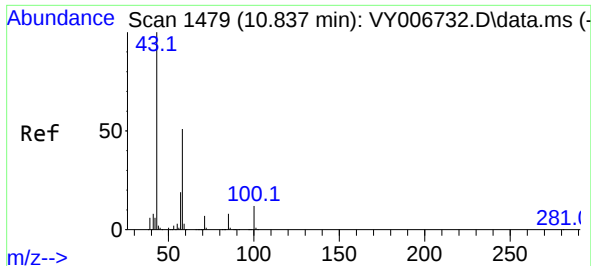
Tgt Ion: 63 Resp: 83166

Ion Ratio Lower Upper

63 100

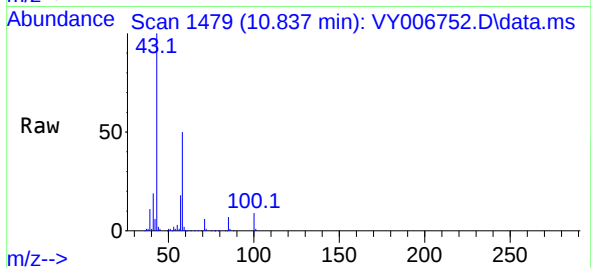
106 27.6 21.4 32.2





#59
2-Hexanone
Concen: 105.376 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

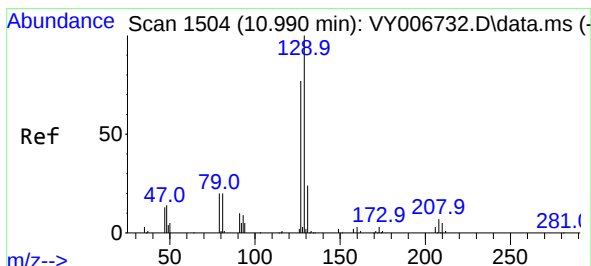
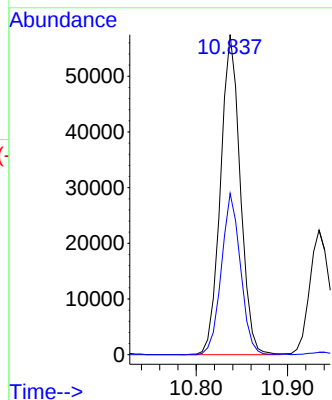
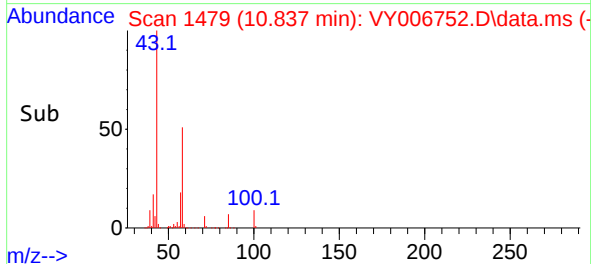
Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01



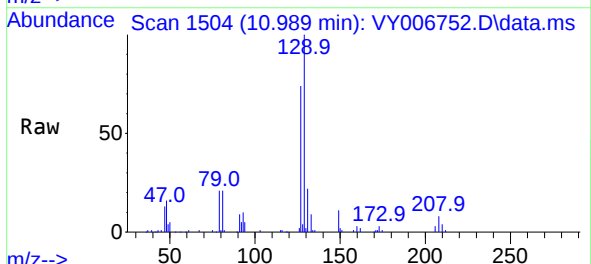
Tgt Ion: 43 Resp: 86379
Ion Ratio Lower Upper
43 100
58 48.8 24.6 73.6

Manual Integrations
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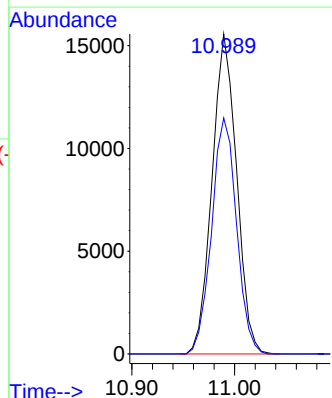
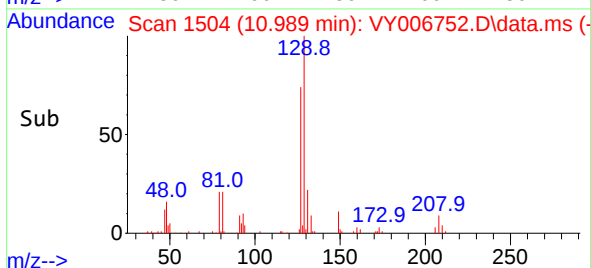
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

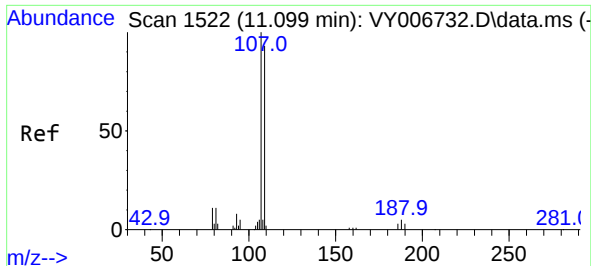


#60
Dibromochloromethane
Concen: 21.134 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30



Tgt Ion:129 Resp: 25860
Ion Ratio Lower Upper
129 100
127 74.7 39.4 118.1





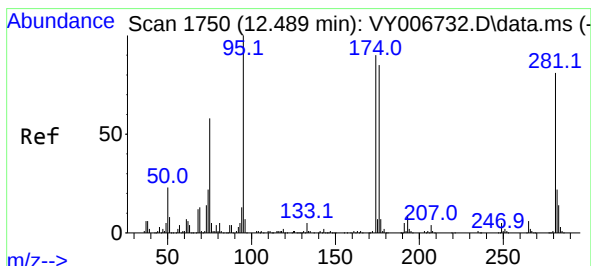
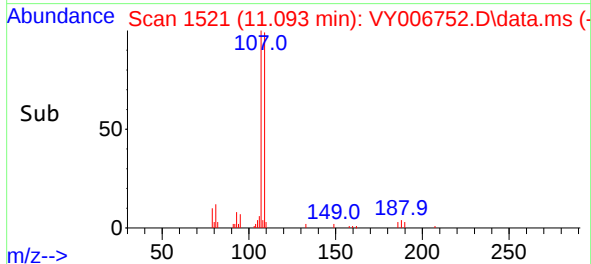
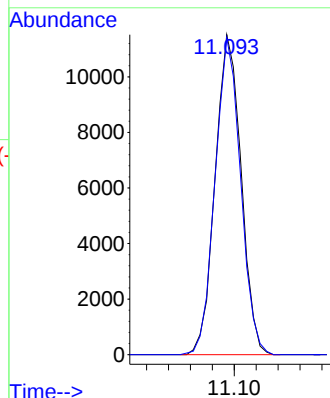
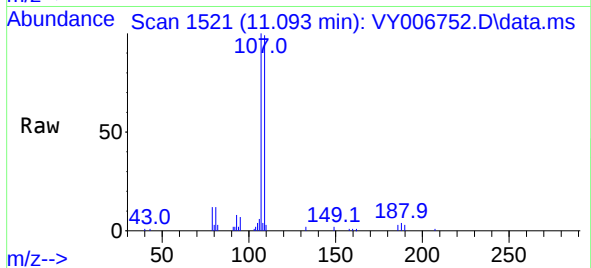
#61
1,2-Dibromoethane
Concen: 20.465 ug/l
RT: 11.093 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01

Tgt Ion:107 Resp: 1892
Ion Ratio Lower Upper
107 100
109 97.3 76.2 114.2

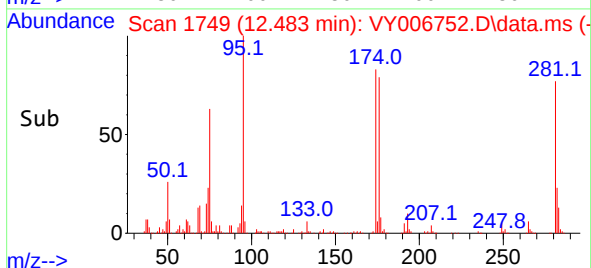
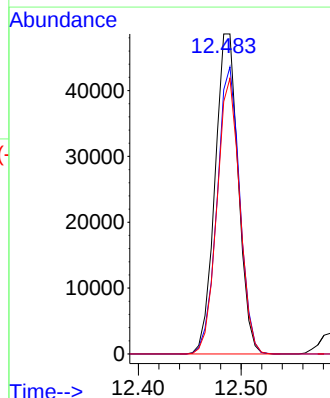
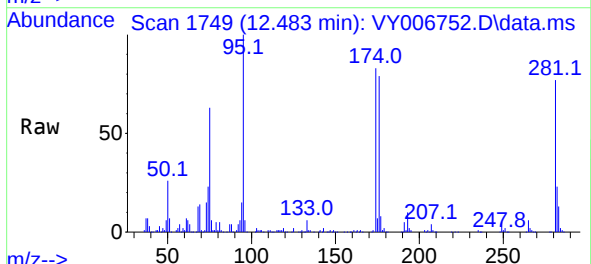
Manual Integrations
APPROVED

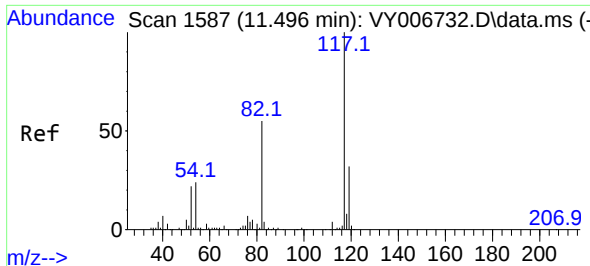
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#62
4-Bromofluorobenzene
Concen: 48.896 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

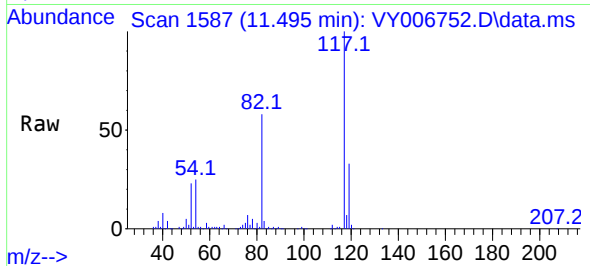
Tgt Ion: 95 Resp: 76193
Ion Ratio Lower Upper
95 100
174 87.3 0.0 177.0
176 84.0 0.0 169.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

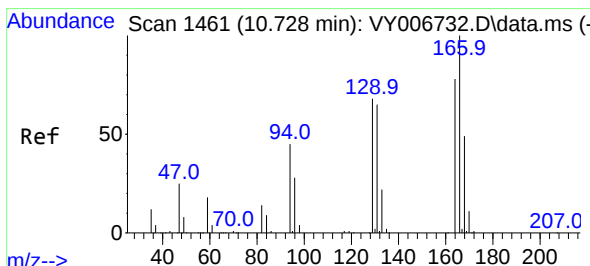
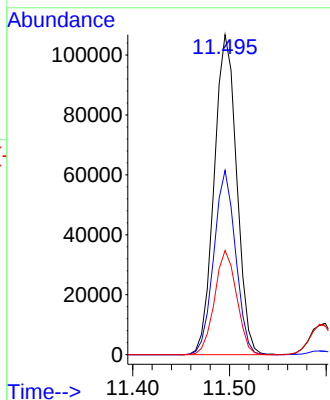
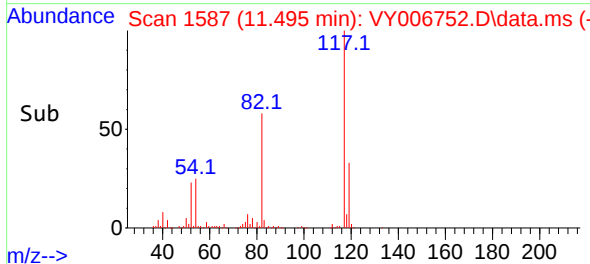
Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01



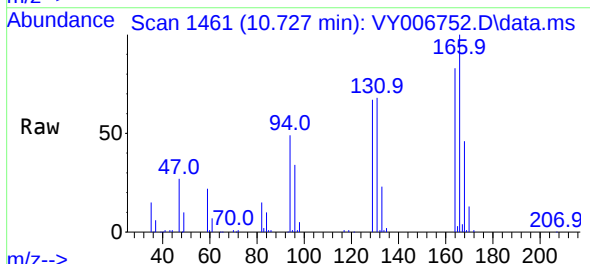
Tgt Ion:117 Resp: 172544
Ion Ratio Lower Upper
117 100
82 57.6 45.7 68.5
119 32.5 25.5 38.3

Manual Integrations
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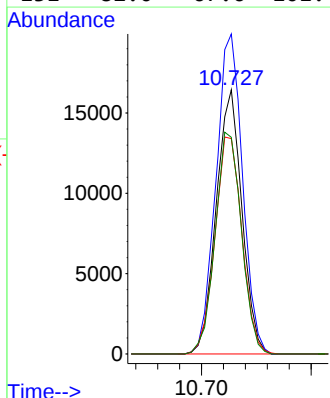
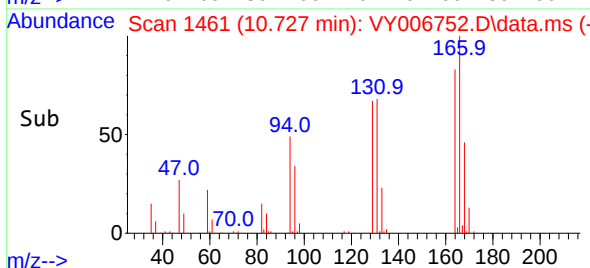
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

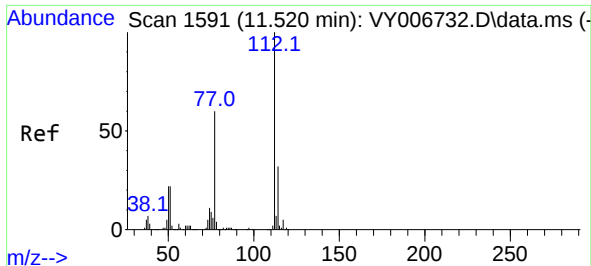


#64
Tetrachloroethene
Concen: 21.208 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30



Tgt Ion:164 Resp: 26740
Ion Ratio Lower Upper
164 100
166 121.1 103.3 154.9
129 81.5 71.2 106.8
131 82.0 67.6 101.4





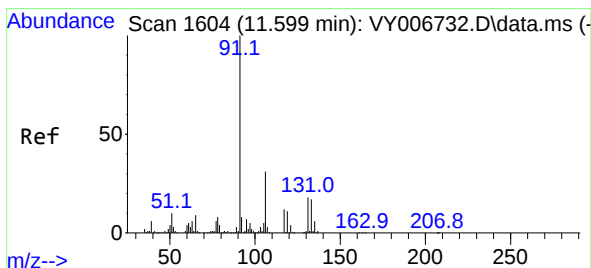
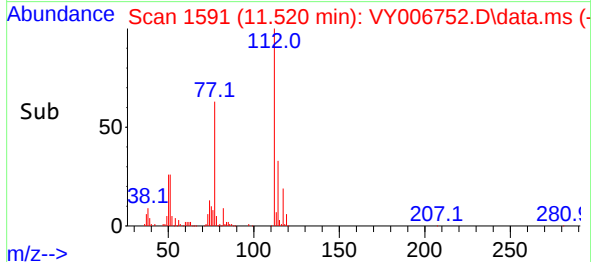
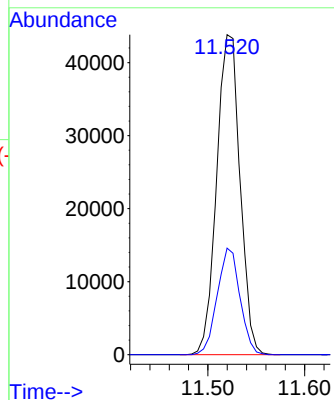
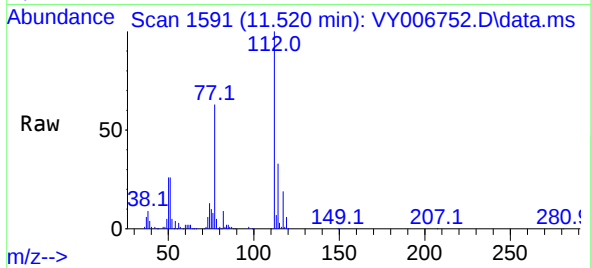
#65
Chlorobenzene
Concen: 20.926 ug/l
RT: 11.520 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01

Tgt Ion:112 Resp: 7345
Ion Ratio Lower Upper
112 100
114 33.3 25.8 38.8

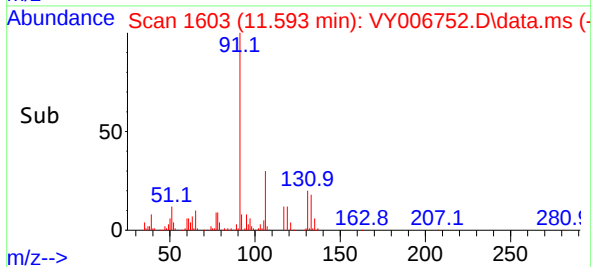
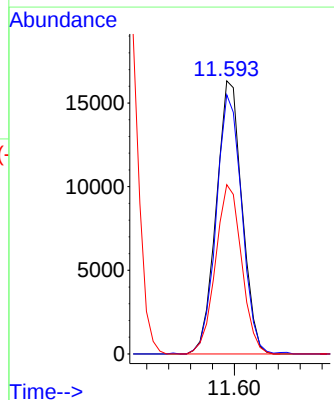
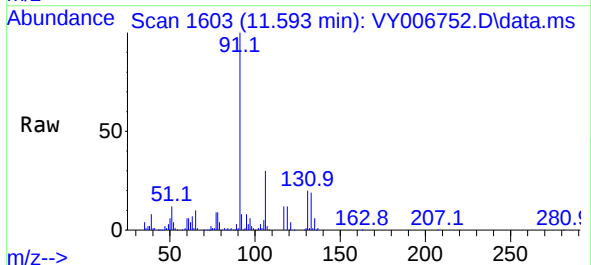
Manual Integrations
APPROVED

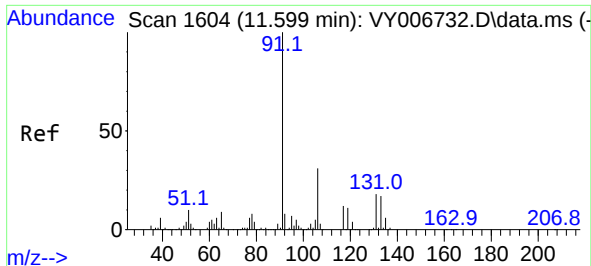
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 20.291 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

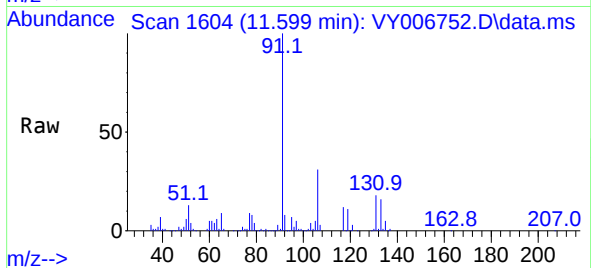
Tgt Ion:131 Resp: 26638
Ion Ratio Lower Upper
131 100
133 94.5 47.8 143.3
119 63.0 30.8 92.4





#67
Ethyl Benzene
Concen: 21.088 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

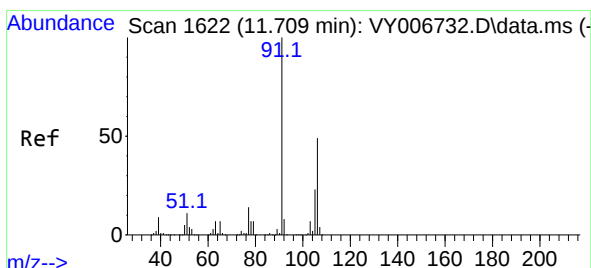
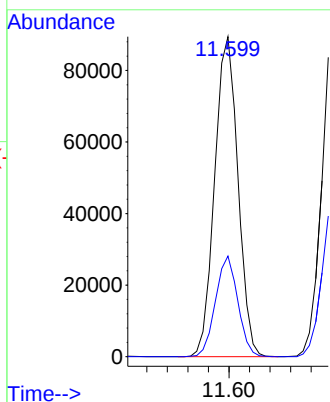
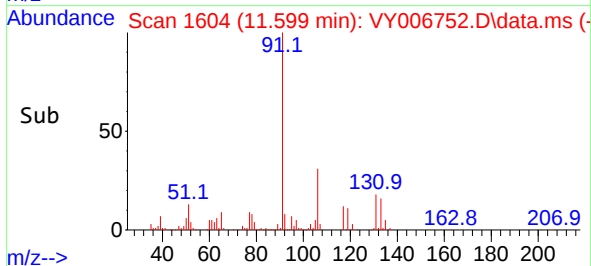
Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01



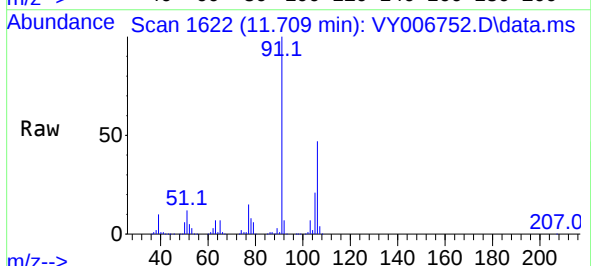
Tgt Ion: 91 Resp: 140314
Ion Ratio Lower Upper
91 100
106 31.5 24.2 36.4

Manual Integrations
APPROVED

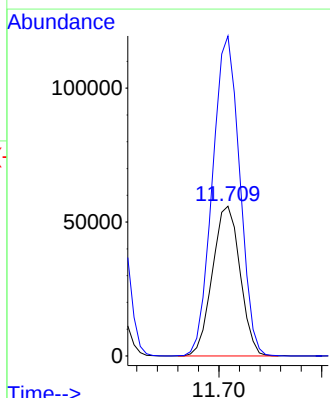
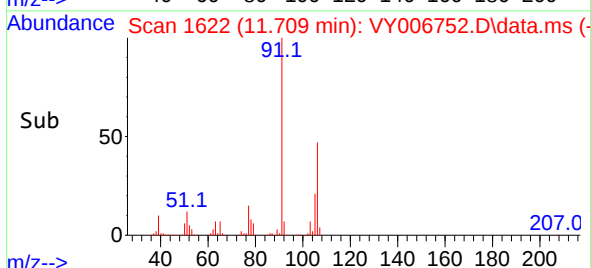
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

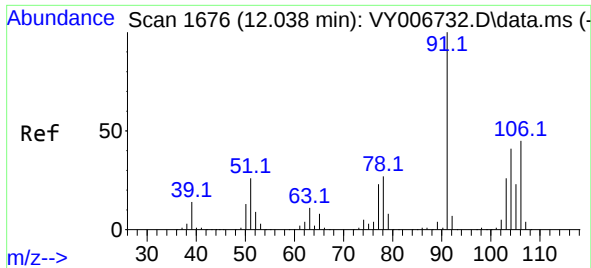


#68
m/p-Xylenes
Concen: 41.164 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30



Tgt Ion:106 Resp: 104387
Ion Ratio Lower Upper
106 100
91 210.6 167.5 251.3





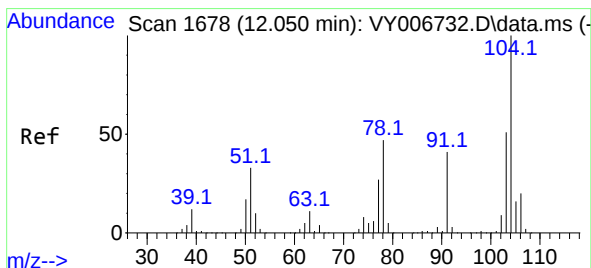
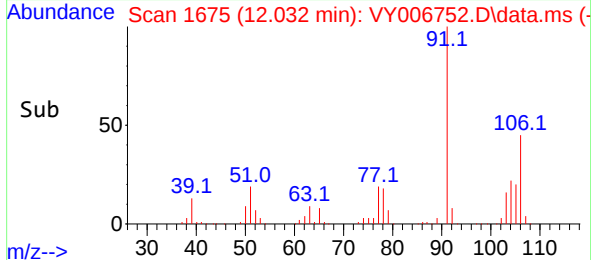
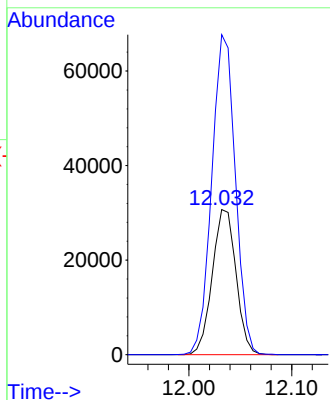
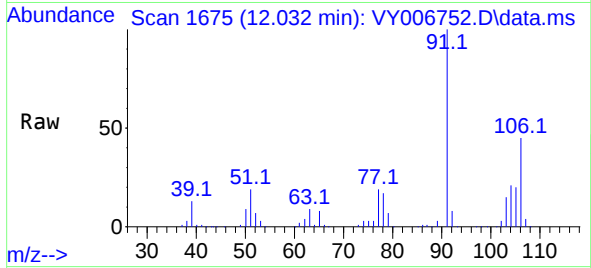
#69
o-Xylene
Concen: 20.497 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01

Tgt Ion:106 Resp: 49239
Ion Ratio Lower Upper
106 100
91 219.1 110.3 330.9

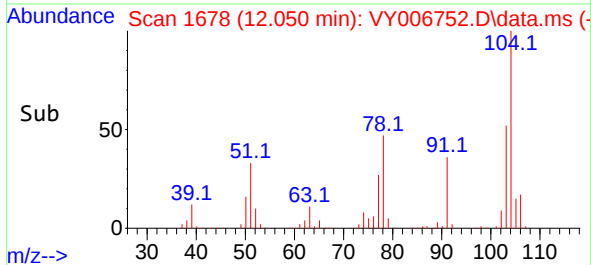
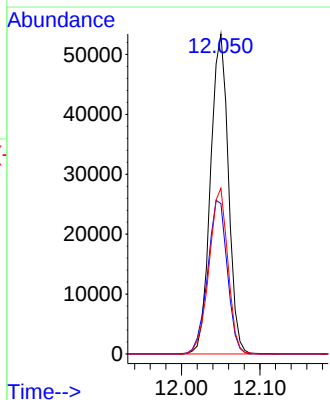
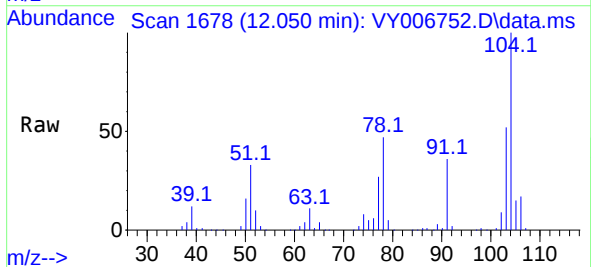
Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#70
Styrene
Concen: 20.797 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

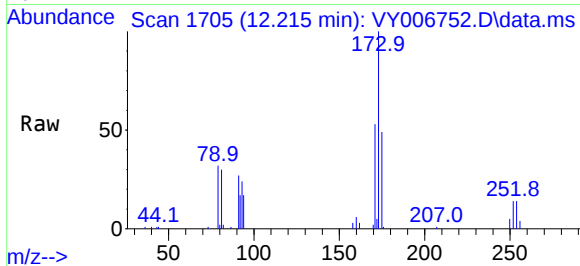
Tgt Ion:104 Resp: 84377
Ion Ratio Lower Upper
104 100
78 53.0 42.6 63.8
103 54.6 44.6 67.0





#71
Bromoform
Concen: 19.790 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

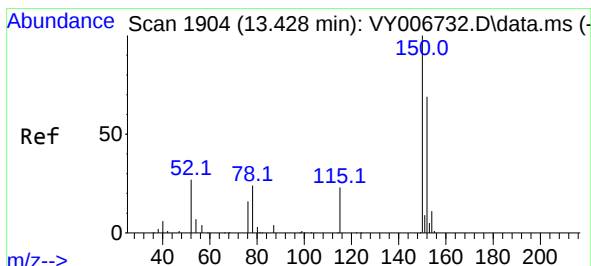
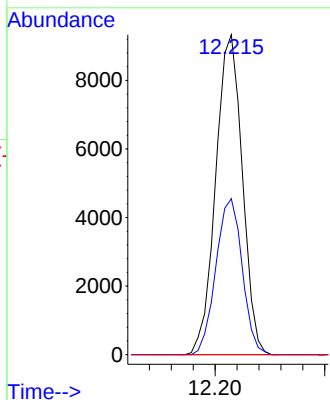
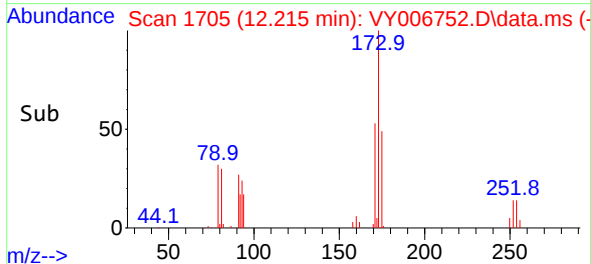
Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01



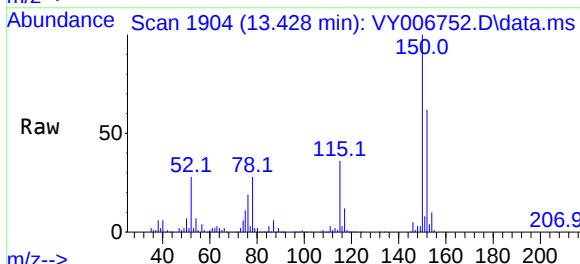
Tgt Ion:173 Resp: 15729
Ion Ratio Lower Upper
173 100
175 48.2 24.8 74.3
254 0.0 0.1 0.1

Manual Integrations
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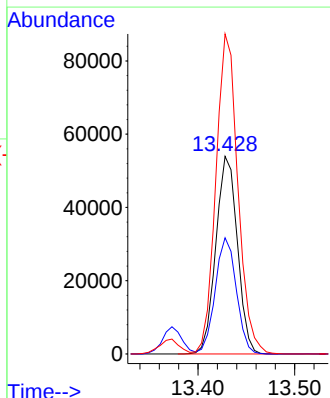
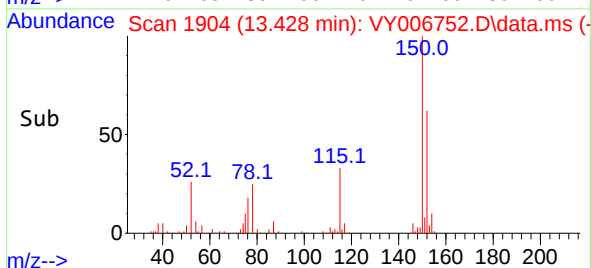
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

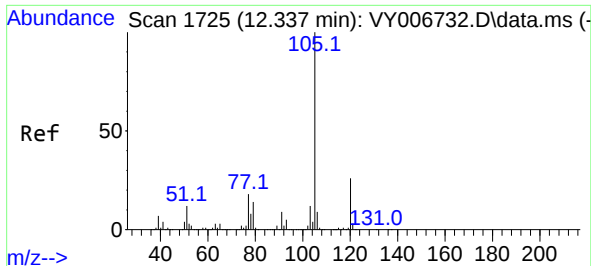


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30



Tgt Ion:152 Resp: 83266
Ion Ratio Lower Upper
152 100
115 57.7 28.5 85.5
150 165.8 0.0 348.2





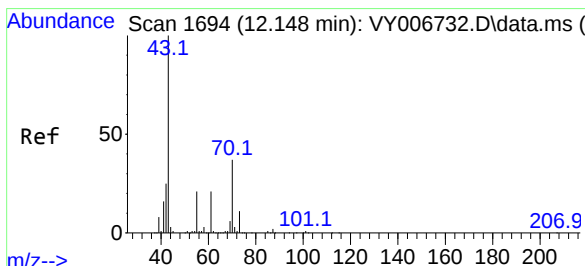
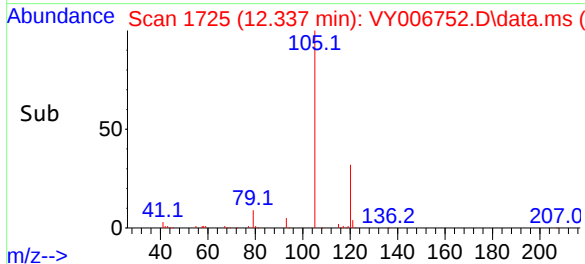
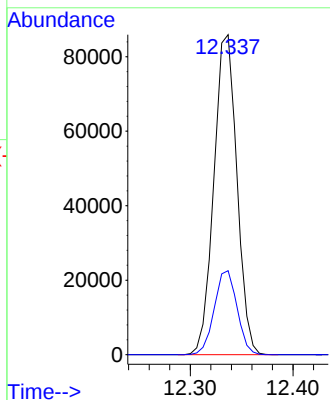
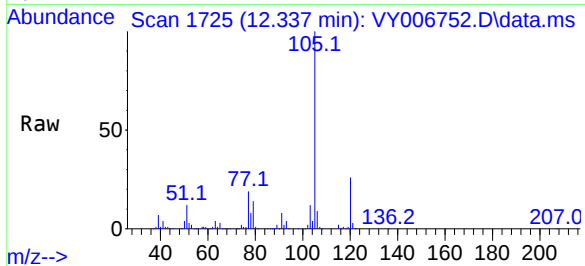
#73
Isopropylbenzene
Concen: 21.058 ug/l
RT: 12.337 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01

Tgt Ion:105 Resp: 133530
Ion Ratio Lower Upper
105 100
120 25.9 13.3 39.9

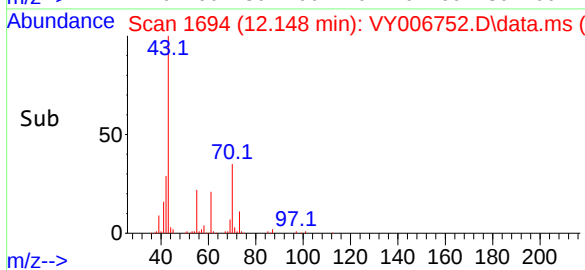
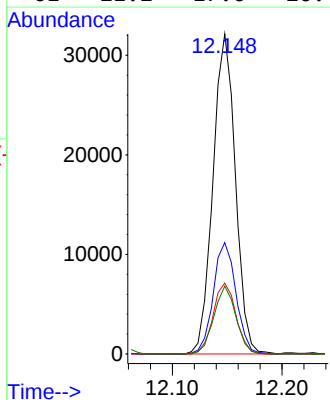
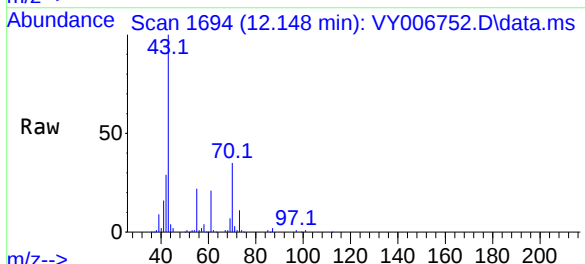
Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#74
N-ethyl acetate
Concen: 21.786 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Tgt Ion: 43 Resp: 45687
Ion Ratio Lower Upper
43 100
70 35.3 29.4 44.0
55 22.3 18.1 27.1
61 21.2 17.6 26.4





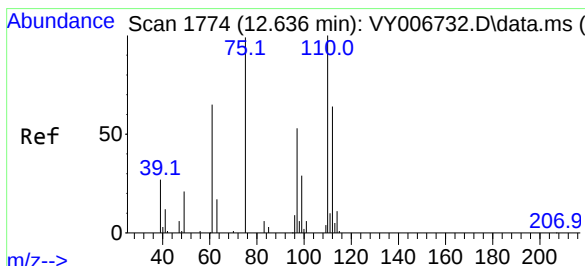
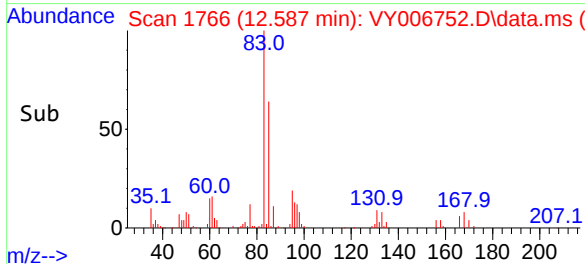
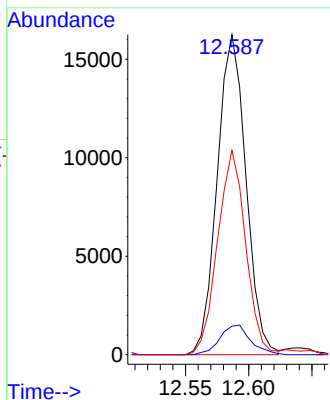
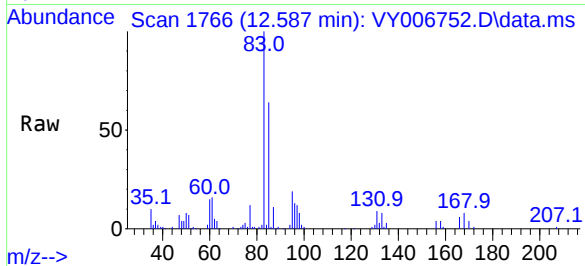
#75
1,1,2,2-Tetrachloroethane
Concen: 21.874 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01

Tgt Ion: 83 Resp: 2566
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.4
85 62.3 31.9 95.9

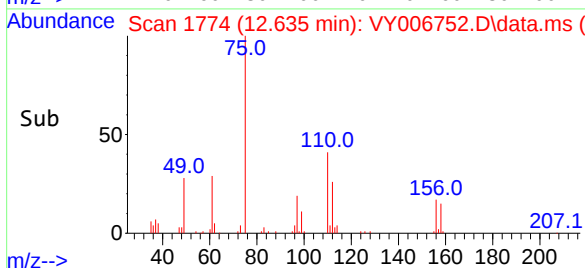
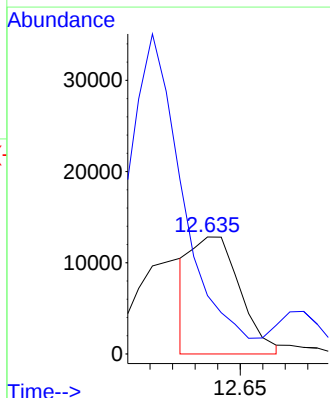
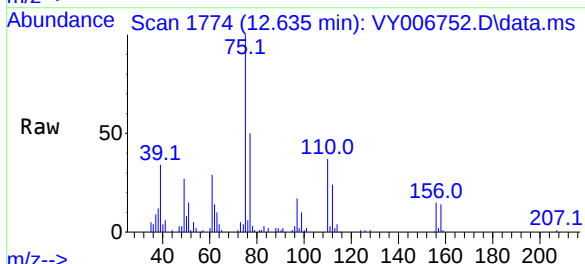
Manual Integrations
APPROVED

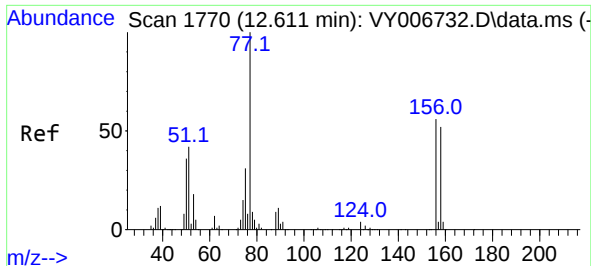
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#76
1,2,3-Trichloropropane
Concen: 21.471 ug/l m
RT: 12.635 min Scan# 1774
Delta R.T. -0.001 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

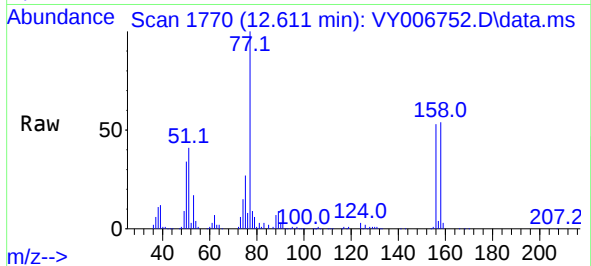
Tgt Ion: 75 Resp: 19437
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 20.830 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

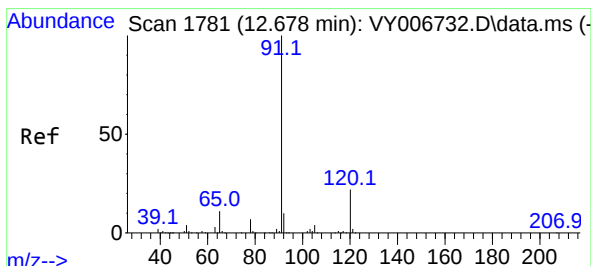
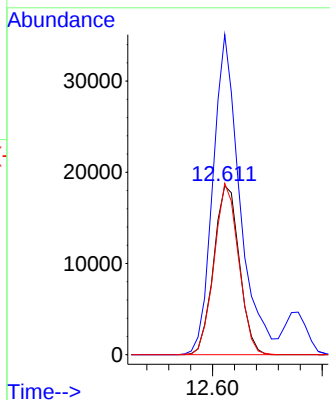
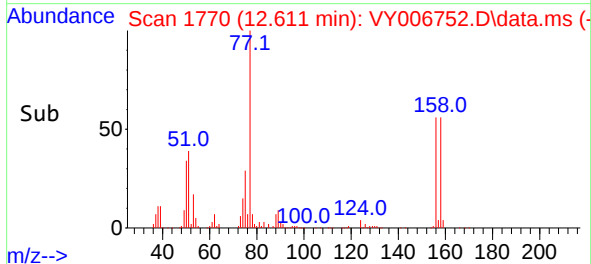
Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01



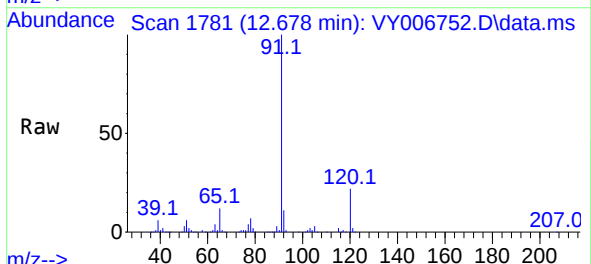
Tgt Ion:156 Resp: 30080
Ion Ratio Lower Upper
156 100
77 198.1 94.2 282.4
158 97.2 48.6 145.8

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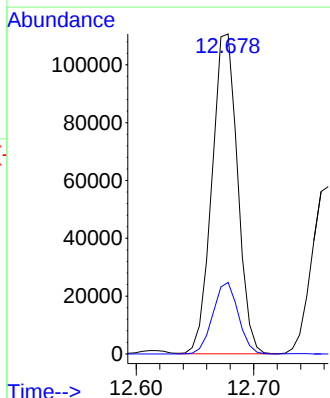
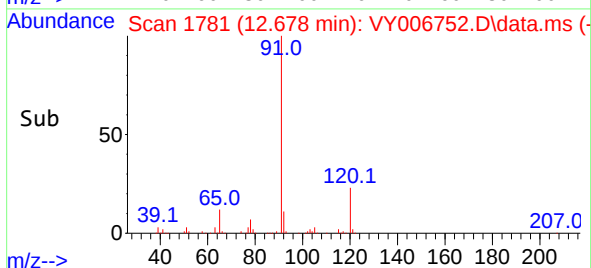
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

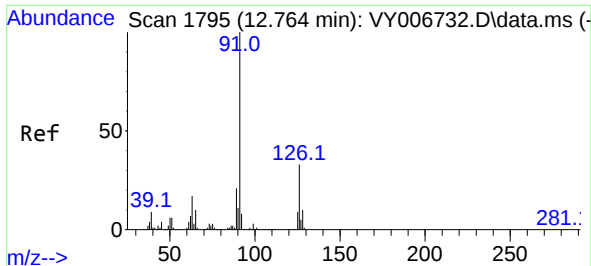


#78
n-propylbenzene
Concen: 21.686 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30



Tgt Ion: 91 Resp: 167632
Ion Ratio Lower Upper
91 100
120 22.1 11.3 33.8





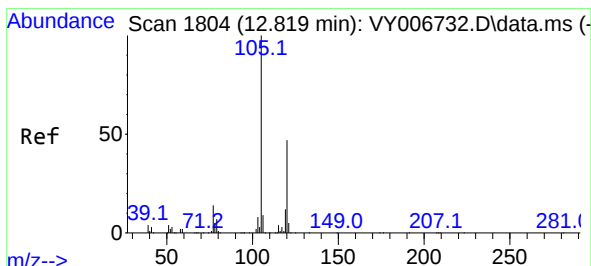
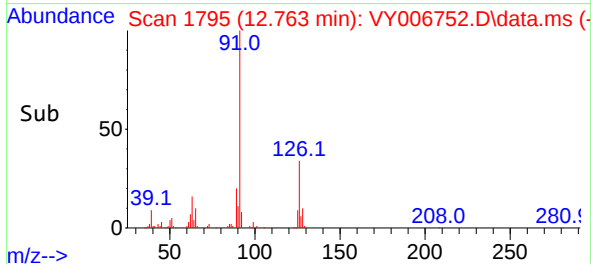
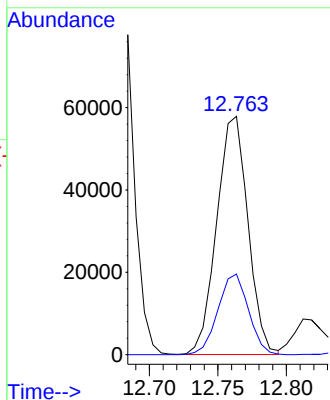
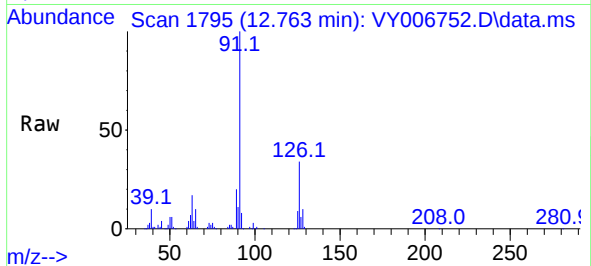
#79
2-Chlorotoluene
Concen: 21.742 ug/l
RT: 12.763 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01

Tgt Ion: 91 Resp: 9197
Ion Ratio Lower Upper
91 100
126 33.0 17.1 51.2

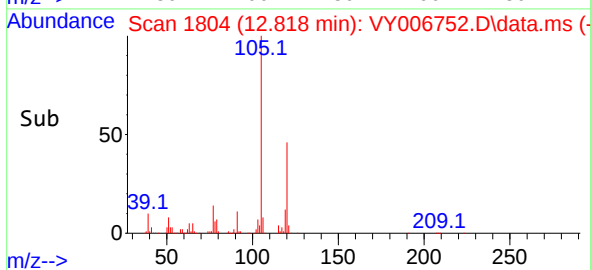
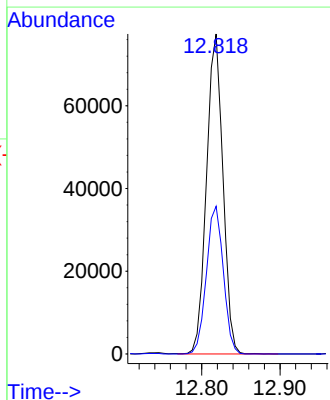
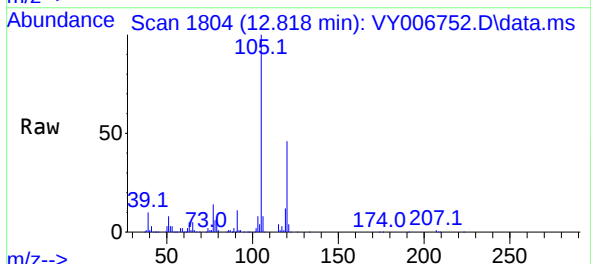
Manual Integrations
APPROVED

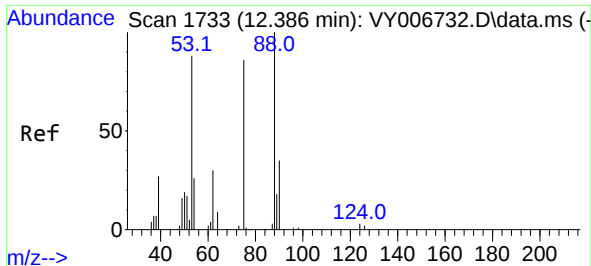
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#80
1,3,5-Trimethylbenzene
Concen: 21.599 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Tgt Ion:105 Resp: 112249
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.4





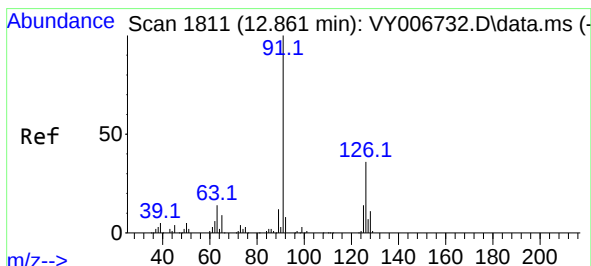
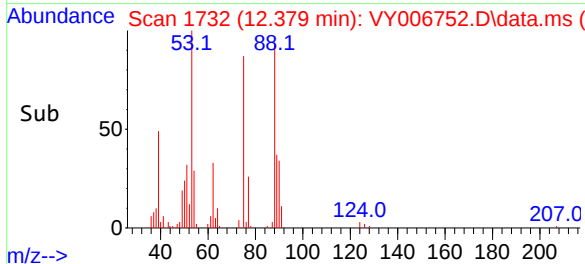
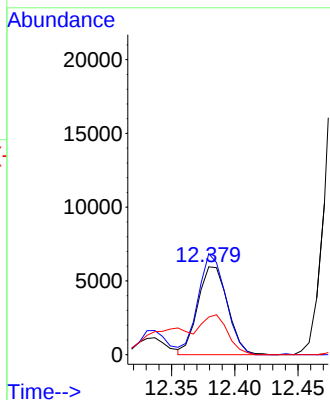
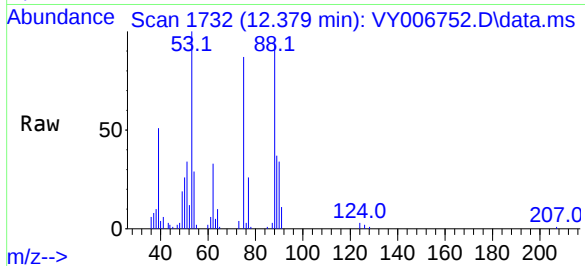
#81
trans-1,4-Dichloro-2-butene
Concen: 21.492 ug/l
RT: 12.379 min Scan# 1733
Delta R.T. -0.006 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01

Tgt Ion: 75 Resp: 9819
Ion Ratio Lower Upper
75 100
53 106.1 85.8 128.6
89 40.2 39.3 58.9

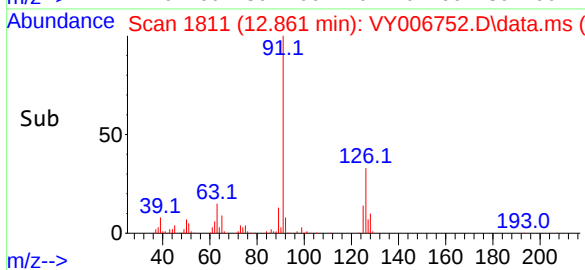
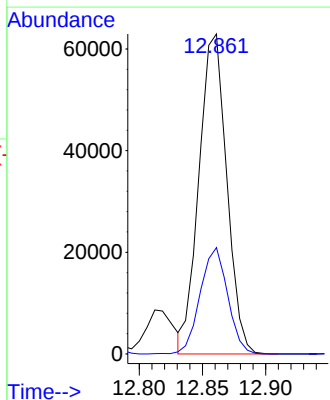
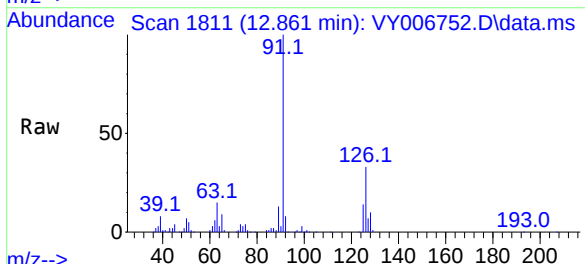
Manual Integrations
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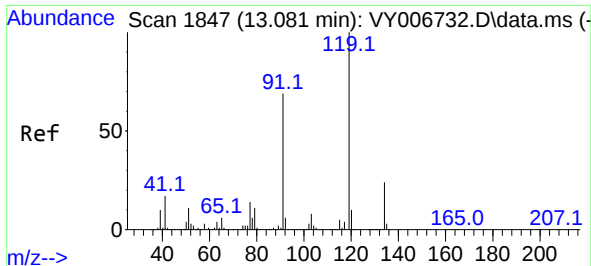
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#82
4-Chlorotoluene
Concen: 21.783 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Tgt Ion: 91 Resp: 96324
Ion Ratio Lower Upper
91 100
126 32.8 16.8 50.4





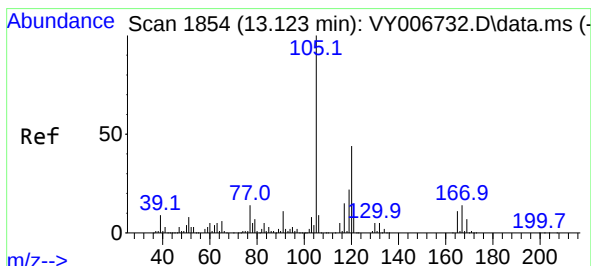
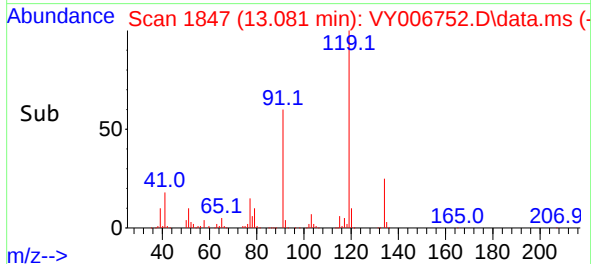
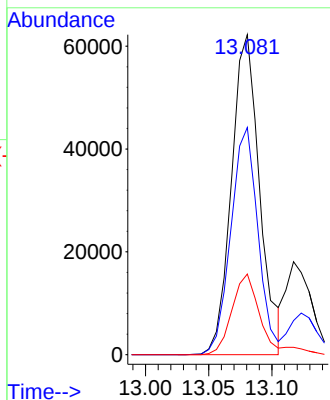
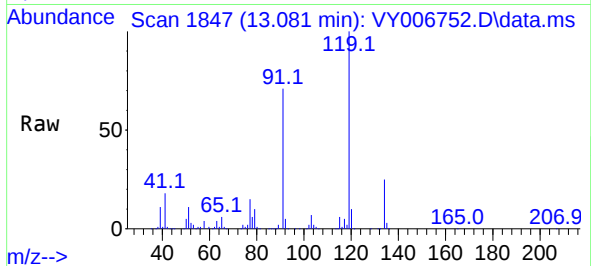
#83
tert-Butylbenzene
Concen: 21.405 ug/l
RT: 13.081 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01

Tgt Ion:119 Resp: 96620
Ion Ratio Lower Upper
119 100
91 68.4 34.8 104.5
134 25.9 13.0 38.9

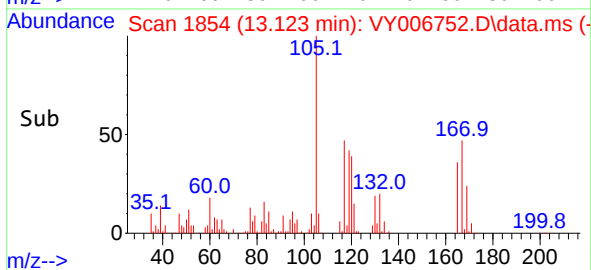
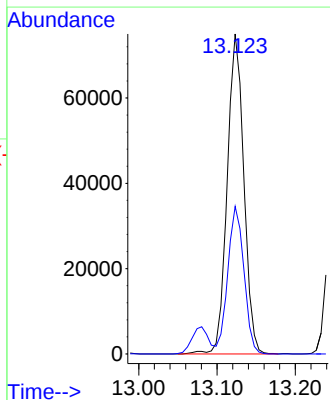
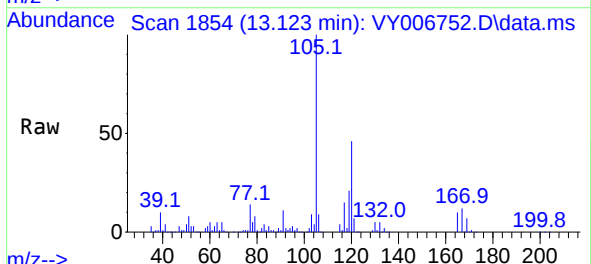
Manual Integrations
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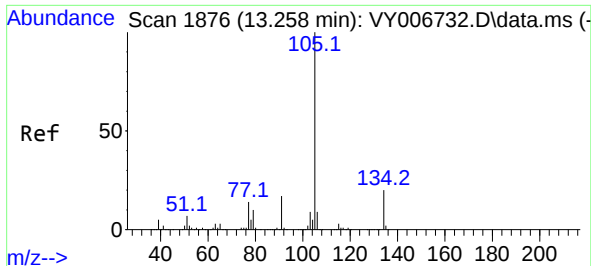
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#84
1,2,4-Trimethylbenzene
Concen: 21.328 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Tgt Ion:105 Resp: 110665
Ion Ratio Lower Upper
105 100
120 44.6 22.6 67.8





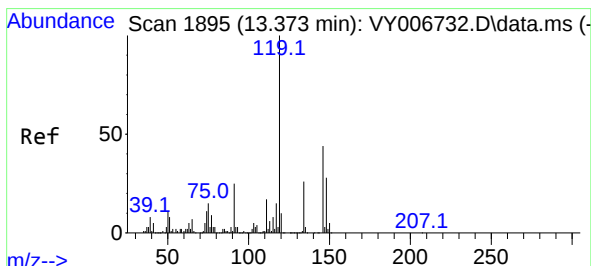
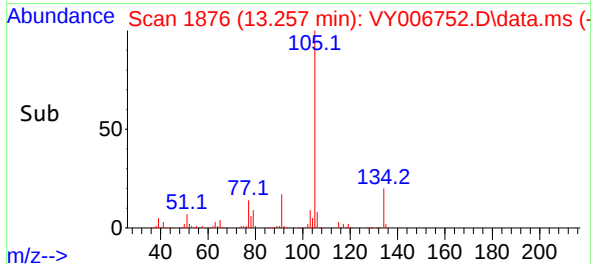
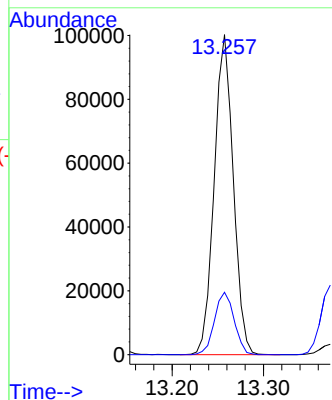
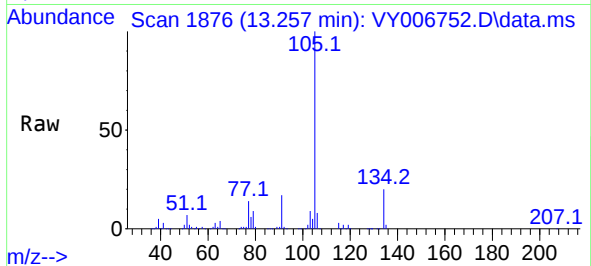
#85
 sec-Butylbenzene
 Concen: 21.584 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VY006752.D
 Acq: 16 Nov 2021 11:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1116SBS01

Tgt Ion:105 Resp: 14508
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.3

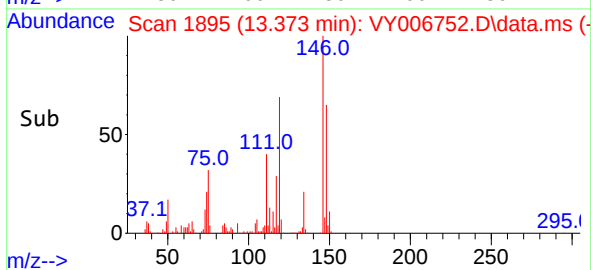
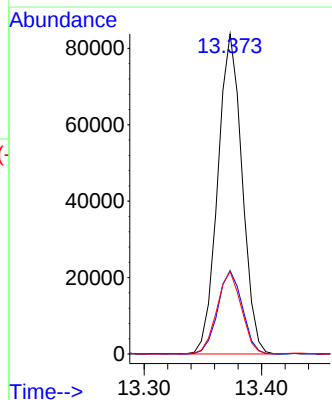
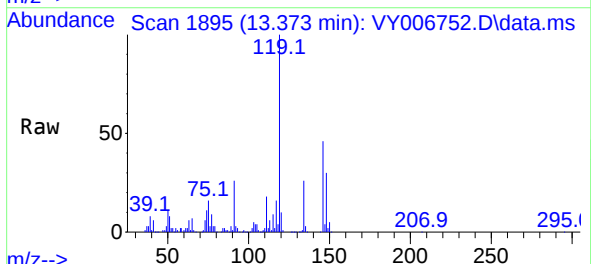
Manual Integrations
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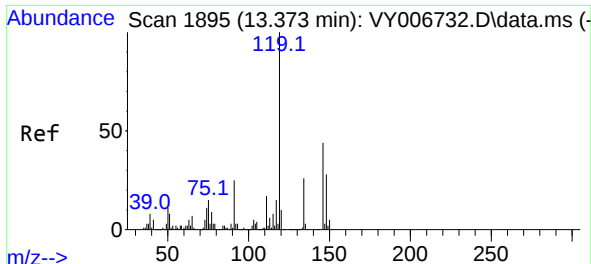
Reviewed By :Vimala Arumugam 11/17/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#86
 p-Isopropyltoluene
 Concen: 21.195 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY006752.D
 Acq: 16 Nov 2021 11:30

Tgt Ion:119 Resp: 120606
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 25.9 12.4 37.4





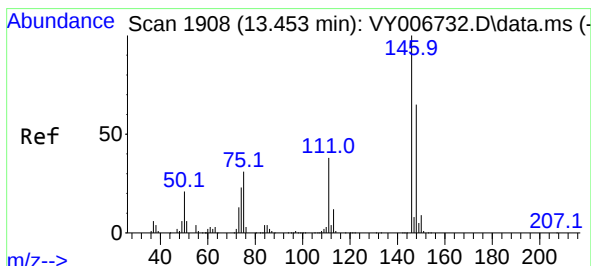
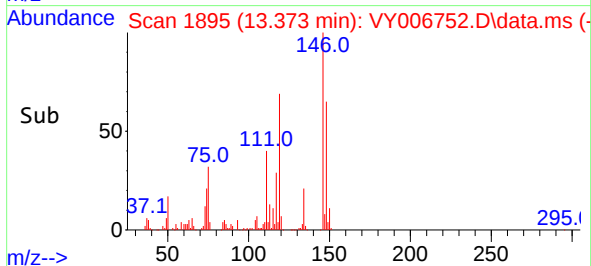
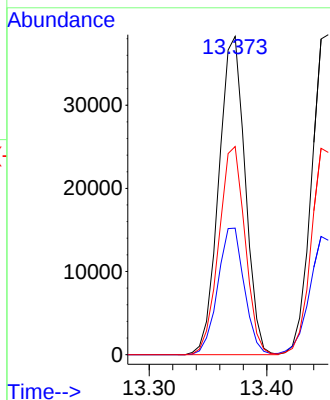
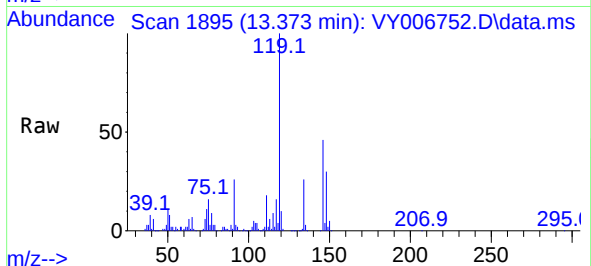
#87
1,3-Dichlorobenzene
Concen: 20.730 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01

Tgt Ion:146 Resp: 59619
Ion Ratio Lower Upper
146 100
111 40.0 19.3 57.9
148 65.2 31.9 95.7

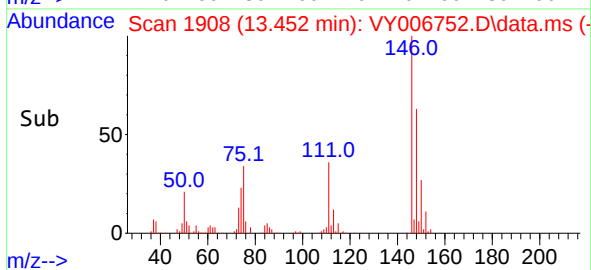
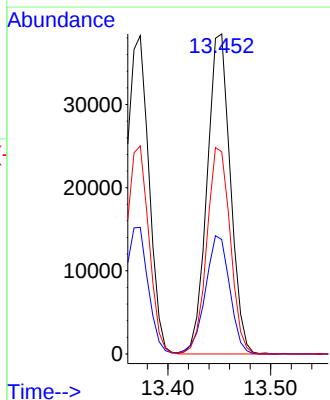
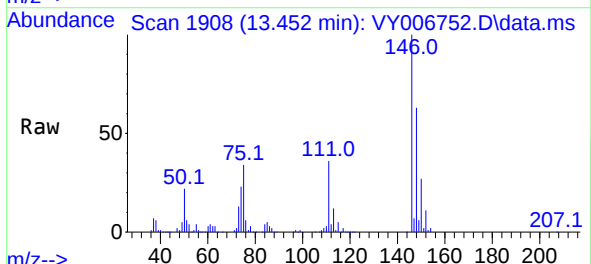
Manual Integrations
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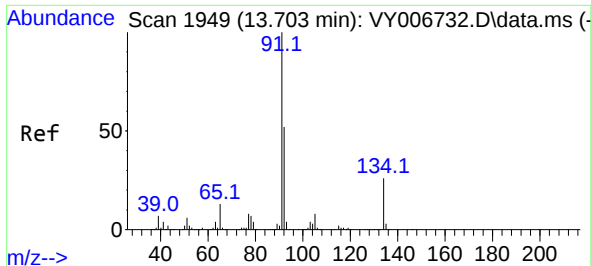
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#88
1,4-Dichlorobenzene
Concen: 21.333 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Tgt Ion:146 Resp: 60543
Ion Ratio Lower Upper
146 100
111 38.7 18.9 56.5
148 64.8 32.0 96.2





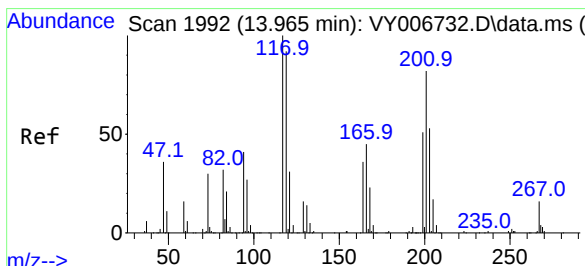
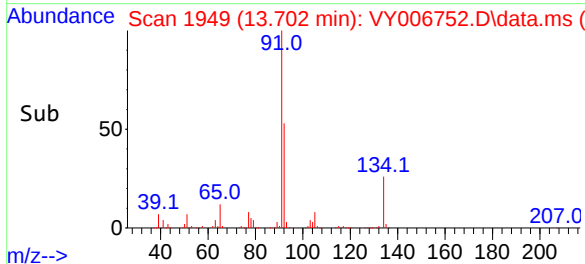
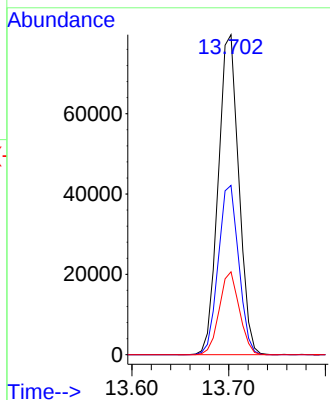
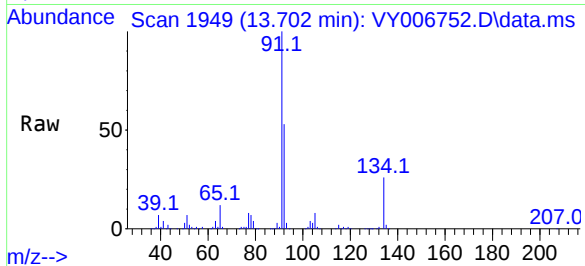
#89
n-Butylbenzene
Concen: 21.881 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01

Tgt Ion: 91 Resp: 11748
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.9
134 25.3 12.9 38.7

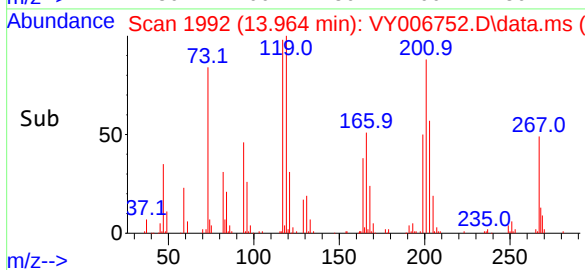
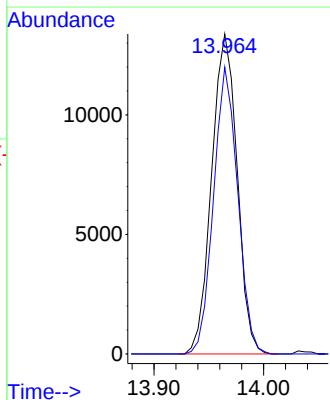
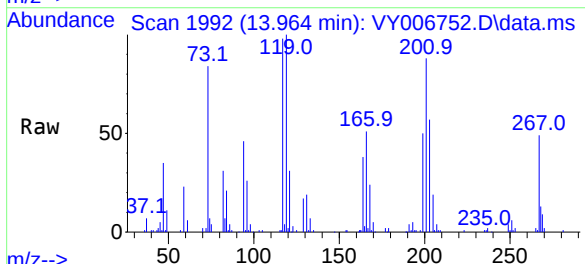
Manual Integrations
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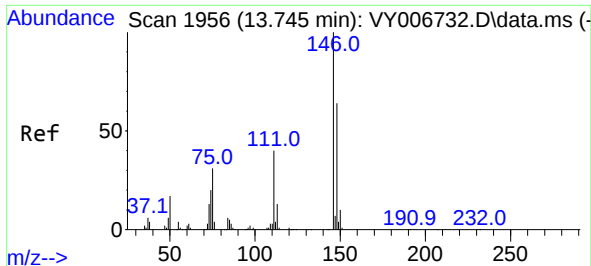
Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#90
Hexachloroethane
Concen: 21.101 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Tgt Ion:117 Resp: 21639
Ion Ratio Lower Upper
117 100
201 85.0 43.4 130.1





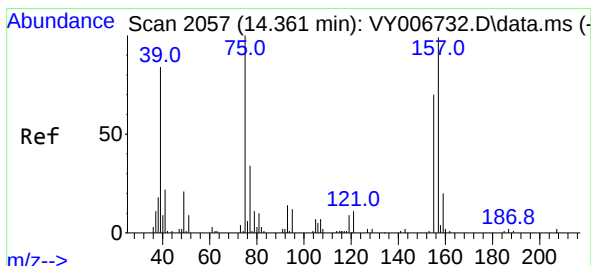
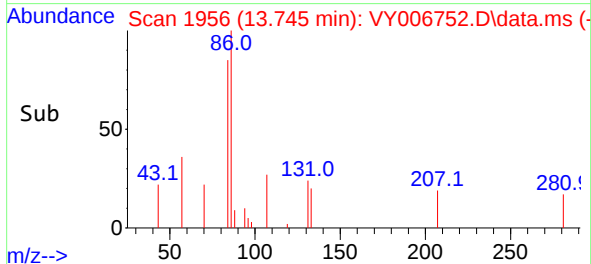
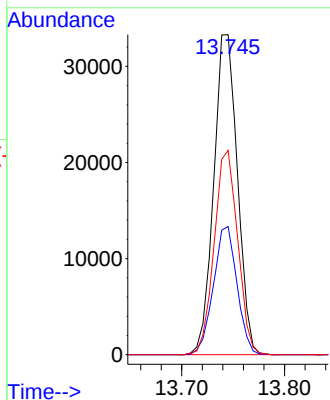
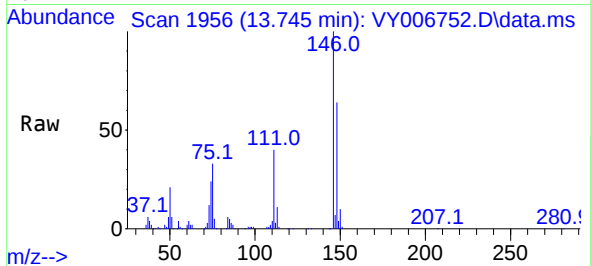
#91
1,2-Dichlorobenzene
Concen: 21.510 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01

Tgt Ion:146 Resp: 53314
Ion Ratio Lower Upper
146 100
111 39.9 20.1 60.3
148 63.3 31.9 95.7

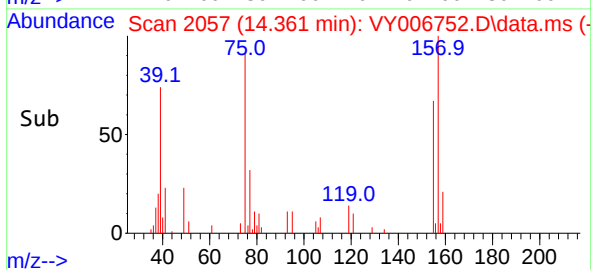
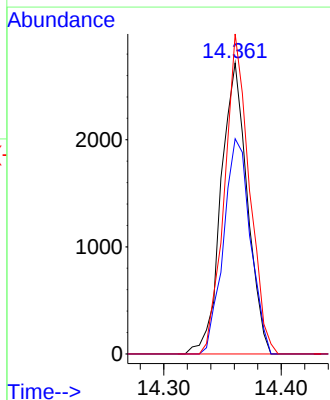
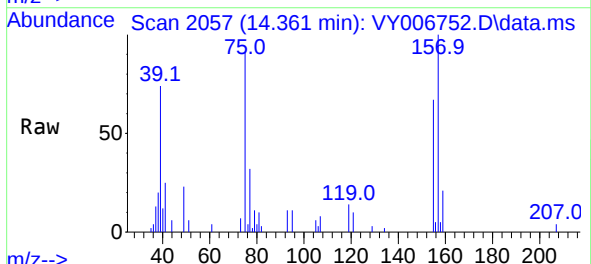
Manual Integrations
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Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.295 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Tgt Ion: 75 Resp: 4209
Ion Ratio Lower Upper
75 100
155 75.8 39.0 116.9
157 104.2 49.2 147.6





#93

1,2,4-Trichlorobenzene

Concen: 19.934 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY006752.D

Acq: 16 Nov 2021 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1116SBS01

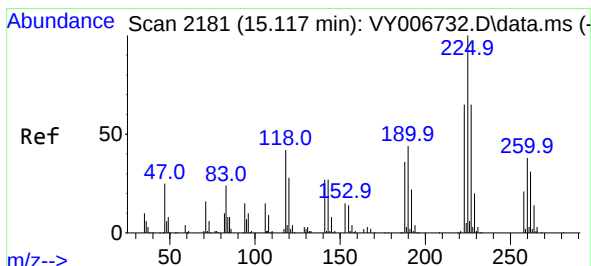
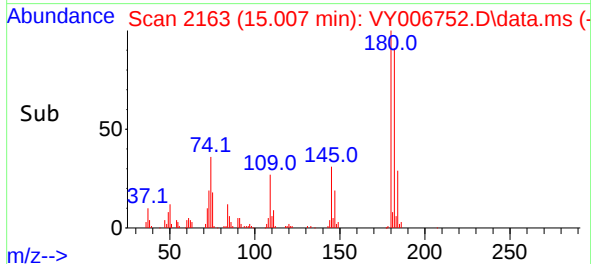
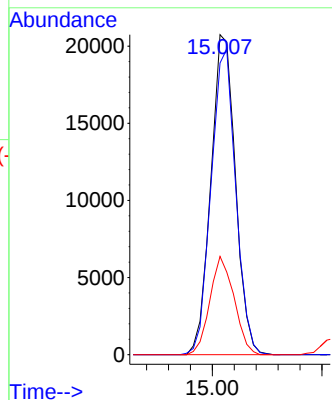
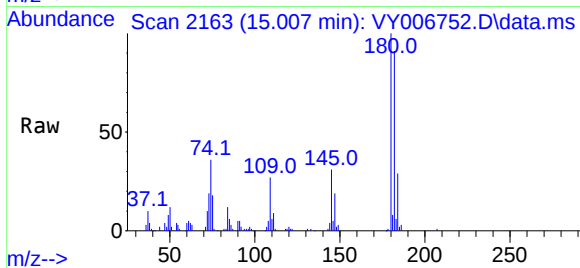
Tgt Ion:180	Resp:	3232
Ion Ratio	Lower	Upper
180	100	
182	95.4	47.1 141.4
145	30.3	14.5 43.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#94

Hexachlorobutadiene

Concen: 20.913 ug/l

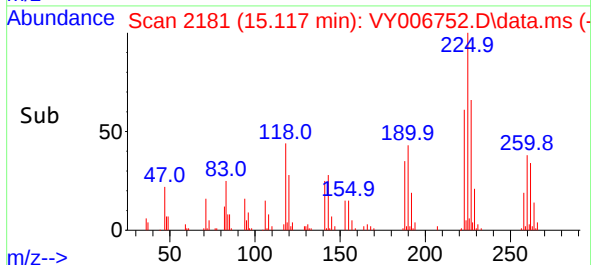
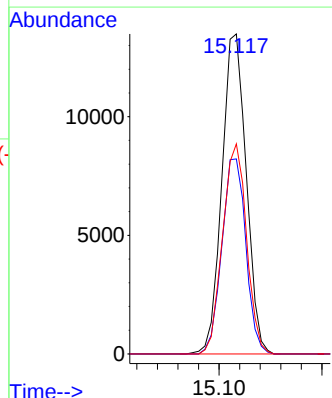
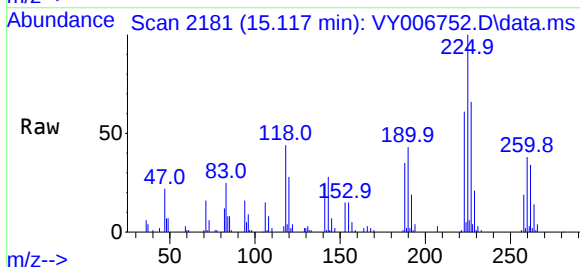
RT: 15.117 min Scan# 2181

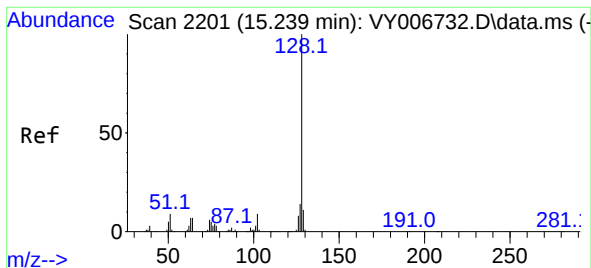
Delta R.T. -0.000 min

Lab File: VY006752.D

Acq: 16 Nov 2021 11:30

Tgt Ion:225	Resp:	22126
Ion Ratio	Lower	Upper
225	100	
223	60.2	31.6 94.7
227	64.5	31.9 95.9





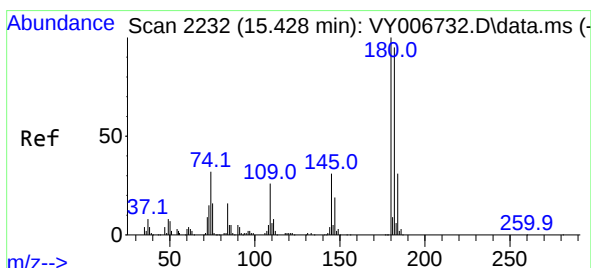
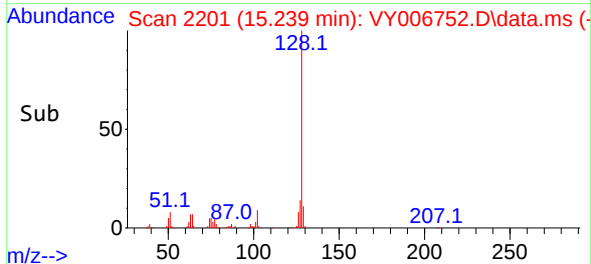
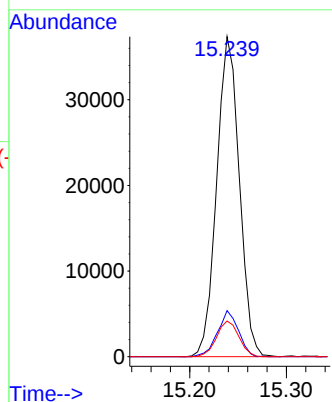
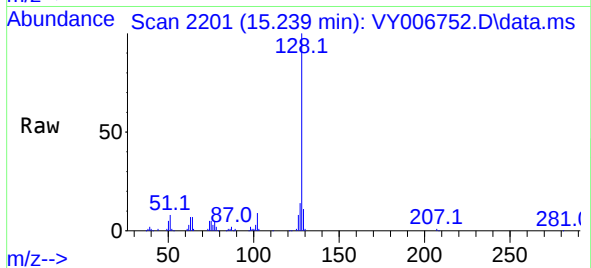
#95
Naphthalene
Concen: 20.206 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBS01

Tgt Ion:128 Resp: 60610
Ion Ratio Lower Upper
128 100
127 13.3 11.0 16.4
129 11.0 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#96
1,2,3-Trichlorobenzene
Concen: 20.753 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY006752.D
Acq: 16 Nov 2021 11:30

Tgt Ion:180 Resp: 28041
Ion Ratio Lower Upper
180 100
182 92.9 47.8 143.4
145 30.3 15.3 45.8

