

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101624\
 Data File : VY019912.D
 Acq On : 16 Oct 2024 12:39
 Operator : SY/MD
 Sample : VY1016SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 17 01:51:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	261245	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	454478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	383177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	178269	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	172981	53.776	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.560%	
35) Dibromofluoromethane	7.640	113	170469	56.841	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.680%	
50) Toluene-d8	10.109	98	624959	56.429	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.860%	
62) 4-Bromofluorobenzene	12.408	95	218236	54.535	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 109.060%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	47946	19.715	ug/l	98
3) Chloromethane	2.074	50	62798	19.840	ug/l	98
4) Vinyl Chloride	2.208	62	71875	20.635	ug/l	98
5) Bromomethane	2.598	94	47538	21.562	ug/l	91
6) Chloroethane	2.739	64	49978	21.358	ug/l	97
7) Trichlorofluoromethane	3.062	101	111203	21.456	ug/l	99
8) Diethyl Ether	3.464	74	31146	19.773	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.824	101	65278	21.653	ug/l	93
10) Methyl Iodide	4.019	142	57028	18.704	ug/l #	88
11) Tert butyl alcohol	4.866	59	16930	50.992	ug/l #	87
12) 1,1-Dichloroethene	3.799	96	56631	20.206	ug/l	85
13) Acrolein	3.665	56	21699	91.804	ug/l	97
14) Allyl chloride	4.391	41	104859	20.736	ug/l #	88
15) Acrylonitrile	5.068	53	73371	101.836	ug/l	98
16) Acetone	3.873	43	90528	108.111	ug/l #	84
17) Carbon Disulfide	4.110	76	123936	16.498	ug/l	99
18) Methyl Acetate	4.391	43	33420	18.527	ug/l #	88
19) Methyl tert-butyl Ether	5.122	73	162702	20.207	ug/l	98
20) Methylene Chloride	4.629	84	67593	21.385	ug/l #	83
21) trans-1,2-Dichloroethene	5.122	96	60664	19.888	ug/l	85
22) Diisopropyl ether	6.025	45	244556	22.203	ug/l #	88
23) Vinyl Acetate	5.970	43	652076	103.267	ug/l #	90
24) 1,1-Dichloroethane	5.927	63	134202	21.918	ug/l	96
25) 2-Butanone	6.903	43	117514	104.846	ug/l #	84
26) 2,2-Dichloropropane	6.896	77	118537	21.739	ug/l	93
27) cis-1,2-Dichloroethene	6.896	96	77238	20.490	ug/l	80
28) Bromochloromethane	7.250	49	58521	21.715	ug/l #	71
29) Tetrahydrofuran	7.268	42	62137	97.094	ug/l #	82
30) Chloroform	7.427	83	138601	22.206	ug/l	97
31) Cyclohexane	7.707	56	107696	20.037	ug/l	93
32) 1,1,1-Trichloroethane	7.628	97	118661	21.694	ug/l #	93
36) 1,1-Dichloropropene	7.841	75	92033	21.301	ug/l	94
37) Ethyl Acetate	6.988	43	44627	19.808	ug/l	96
38) Carbon Tetrachloride	7.823	117	98481	21.262	ug/l	98
39) Methylcyclohexane	9.110	83	109773	20.164	ug/l #	84
40) Benzene	8.085	78	280414	21.445	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	27143	22.260	ug/l #	83
42) 1,2-Dichloroethane	8.165	62	79891	21.267	ug/l	94
43) Isopropyl Acetate	8.201	43	91120	19.832	ug/l #	87
44) Trichloroethene	8.866	130	64866	20.482	ug/l	91
45) 1,2-Dichloropropane	9.146	63	73556	22.474	ug/l	97
46) Dibromomethane	9.238	93	36802	20.581	ug/l	88
47) Bromodichloromethane	9.427	83	100714	21.219	ug/l	98
48) Methyl methacrylate	9.225	41	41647	20.606	ug/l #	81
49) 1,4-Dioxane	9.238	88	7057	352.609	ug/l #	83
51) 4-Methyl-2-Pentanone	10.000	43	240592	102.659	ug/l	89
52) Toluene	10.170	92	174241	21.347	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	83458	19.543	ug/l	93
54) cis-1,3-Dichloropropene	9.859	75	102584	20.358	ug/l #	82
55) 1,1,2-Trichloroethane	10.573	97	49238	20.900	ug/l	94
56) Ethyl methacrylate	10.439	69	66810	19.763	ug/l #	74
57) 1,3-Dichloropropane	10.719	76	86036	20.795	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	162897	103.510	ug/l	92
59) 2-Hexanone	10.762	43	176111	105.212	ug/l	84
60) Dibromochloromethane	10.914	129	61275	20.264	ug/l	99
61) 1,2-Dibromoethane	11.018	107	43333	20.354	ug/l	97
64) Tetrachloroethene	10.652	164	54591	20.030	ug/l	98
65) Chlorobenzene	11.444	112	185547	21.171	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	64675	21.811	ug/l	96
67) Ethyl Benzene	11.518	91	345302	21.689	ug/l	99
68) m/p-Xylenes	11.627	106	249860	42.495	ug/l	91
69) o-Xylene	11.957	106	120458	21.323	ug/l	92
70) Styrene	11.969	104	203391	21.339	ug/l	95
71) Bromoform	12.133	173	30875	19.450	ug/l #	98
73) Isopropylbenzene	12.255	105	331125	22.083	ug/l	98
74) N-amyl acetate	12.072	43	78298	19.715	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	57090	21.427	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	70756	20.261	ug/l #	100
77) Bromobenzene	12.536	156	65298	20.521	ug/l	82
78) n-propylbenzene	12.597	91	416740	23.001	ug/l	97
79) 2-Chlorotoluene	12.682	91	228613	22.009	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	267972	22.129	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	16034	18.532	ug/l #	78
82) 4-Chlorotoluene	12.780	91	235680	22.190	ug/l	94
83) tert-Butylbenzene	12.999	119	243221	22.420	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	265689	22.130	ug/l	96
85) sec-Butylbenzene	13.176	105	374645	23.114	ug/l	96
86) p-Isopropyltoluene	13.292	119	296159	22.502	ug/l	95
87) 1,3-Dichlorobenzene	13.292	146	136934	21.310	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	135044	21.392	ug/l	95
89) n-Butylbenzene	13.621	91	296581	23.077	ug/l	96
90) Hexachloroethane	13.883	117	56775	22.153	ug/l	83
91) 1,2-Dichlorobenzene	13.657	146	118183	20.932	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8566	20.145	ug/l	68
93) 1,2,4-Trichlorobenzene	14.926	180	62033	19.594	ug/l	96
94) Hexachlorobutadiene	15.023	225	35448	20.139	ug/l	98
95) Naphthalene	15.145	128	109285	18.302	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	51227	19.141	ug/l	98

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ClientSampleId :

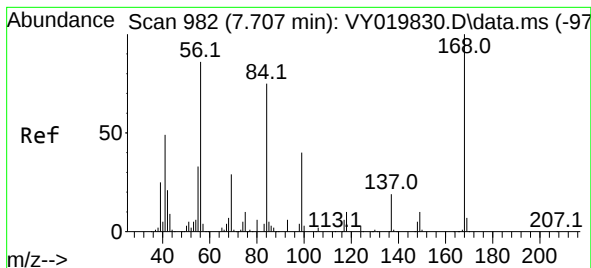
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY019912.D

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Instrument :

MSVOA_Y

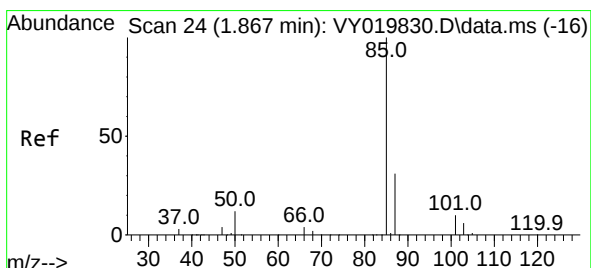
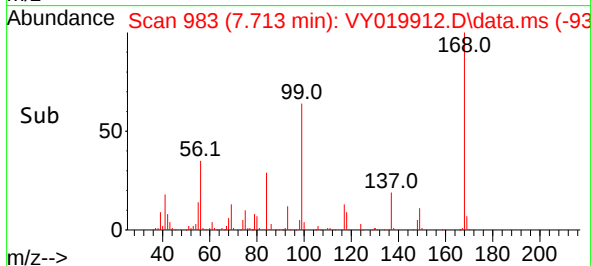
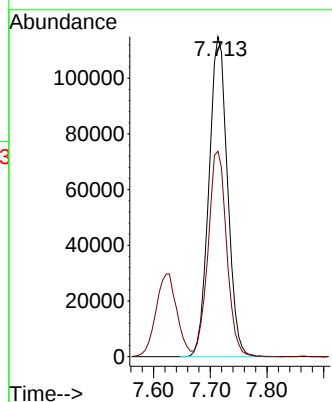
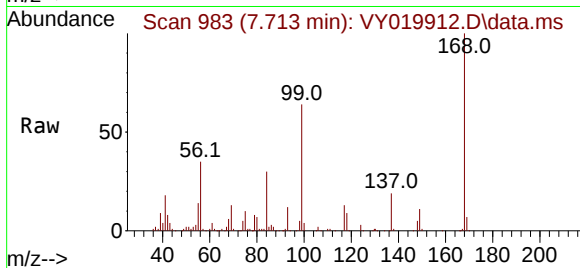
ClientSampleId :

Tgt Ion:168 Resp: 261245

Ion Ratio Lower Upper

168 100

99 64.2 39.1 58.7#



#2

Dichlorodifluoromethane

Concen: 19.715 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.001 min

Lab File: VY019912.D

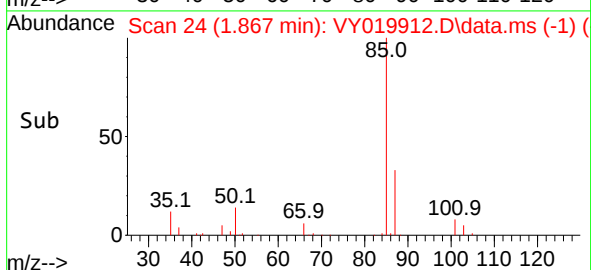
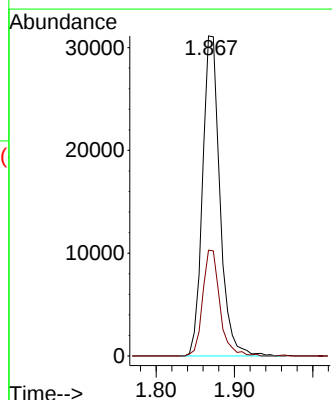
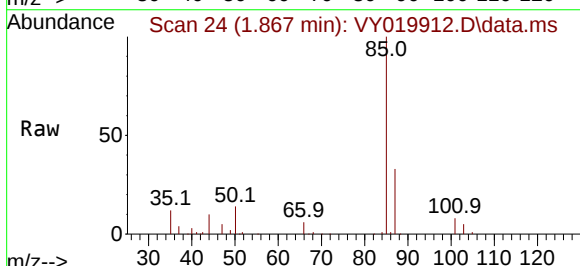
Acq: 16 Oct 2024 12:39

Tgt Ion: 85 Resp: 47946

Ion Ratio Lower Upper

85 100

87 33.0 16.0 48.0

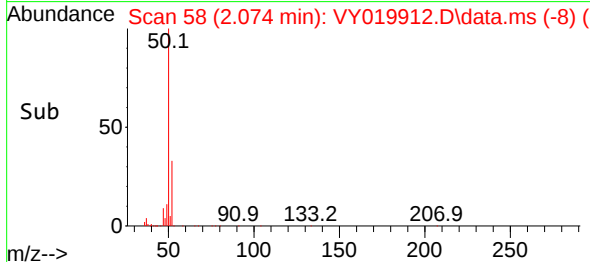
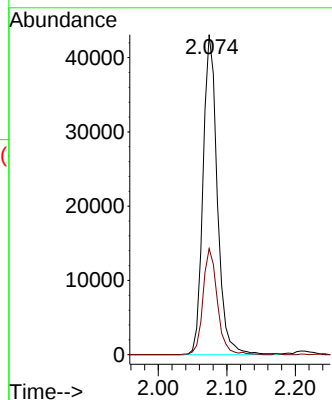
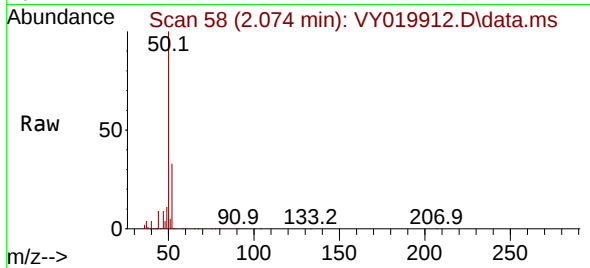




#3
Chloromethane
Concen: 19.840 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.007 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

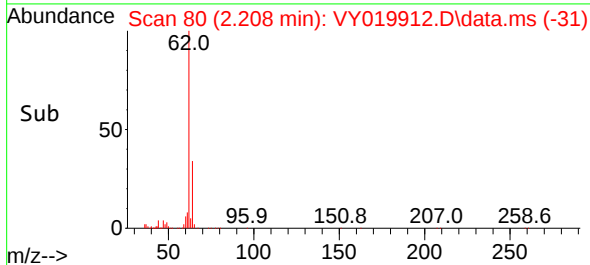
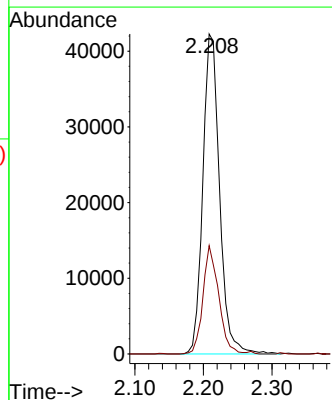
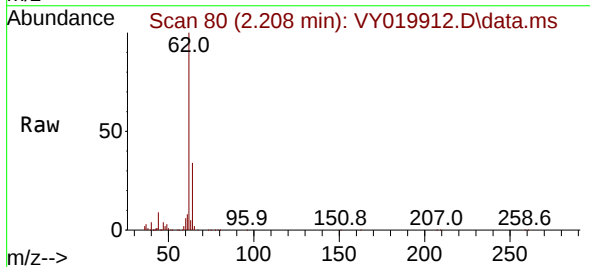
Instrument :
MSVOA_Y
ClientSampleId :

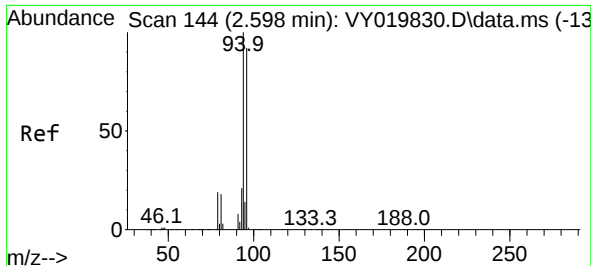
Tgt Ion: 50 Resp: 62798
Ion Ratio Lower Upper
50 100
52 33.1 25.6 38.4



#4
Vinyl Chloride
Concen: 20.635 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

Tgt Ion: 62 Resp: 71875
Ion Ratio Lower Upper
62 100
64 33.9 26.1 39.1

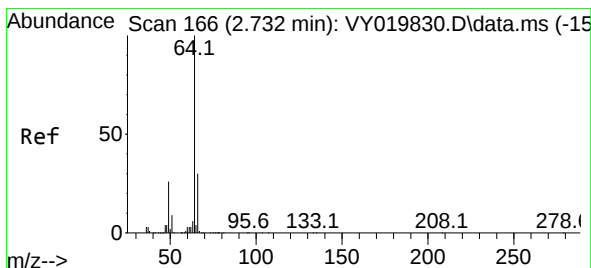
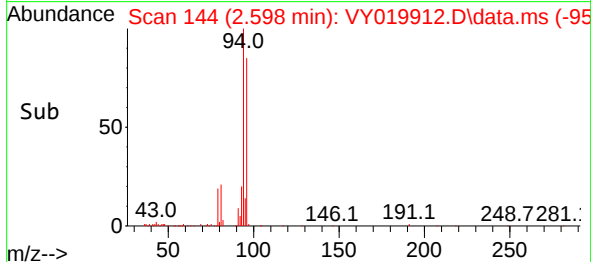
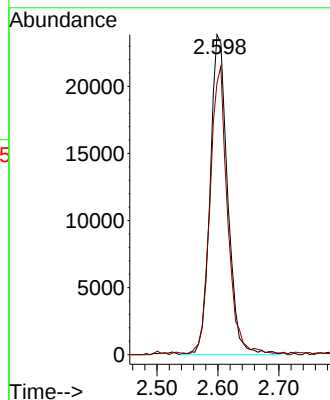
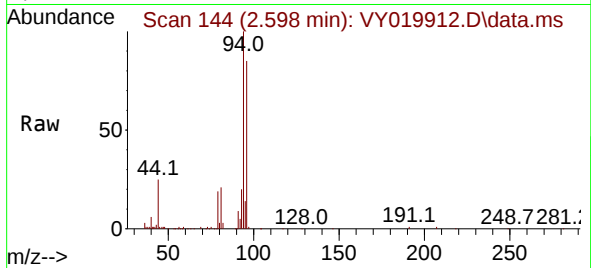




#5
Bromomethane
Concen: 21.562 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

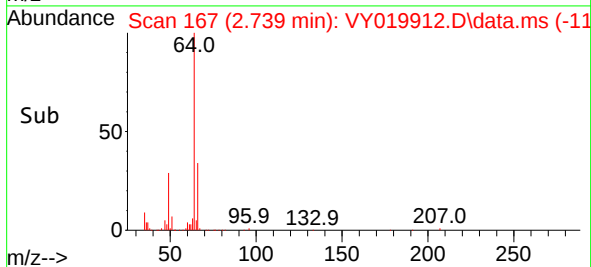
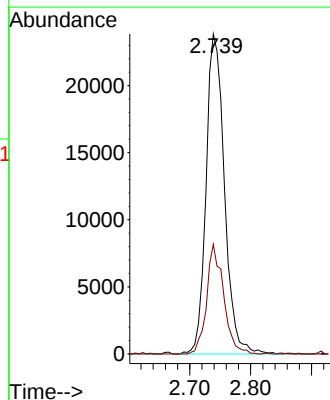
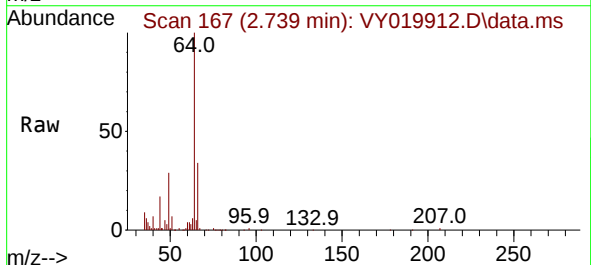
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 47538
Ion Ratio Lower Upper
94 100
96 84.4 74.1 111.1



#6
Chloroethane
Concen: 21.358 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

Tgt Ion: 64 Resp: 49978
Ion Ratio Lower Upper
64 100
66 34.3 26.1 39.1

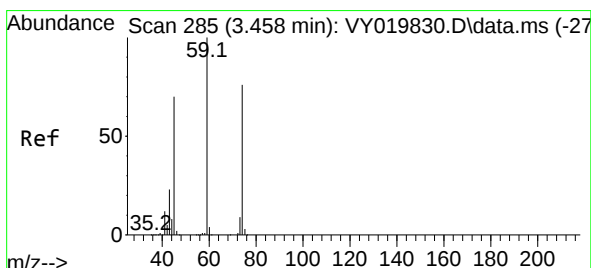
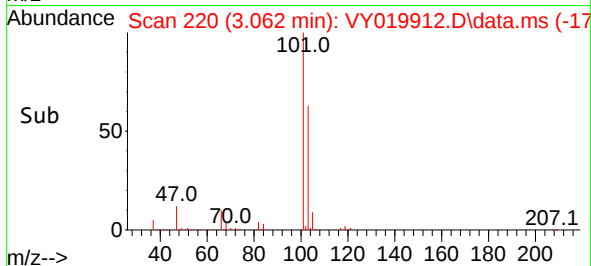
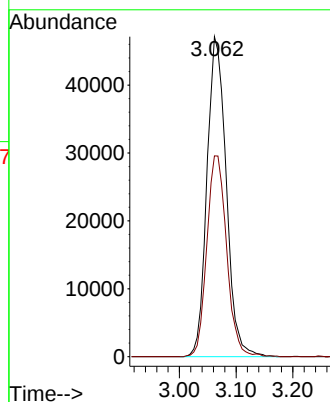
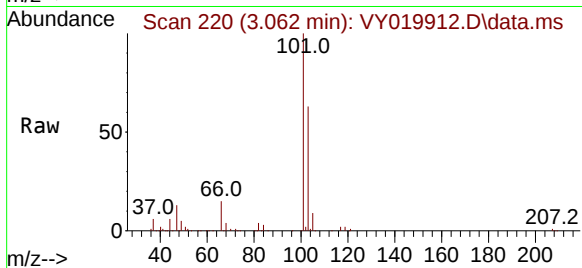




#7
 Trichlorofluoromethane
 Concen: 21.456 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019912.D
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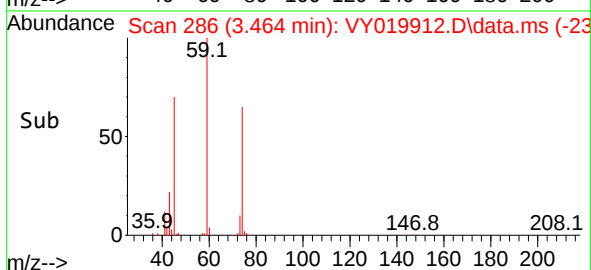
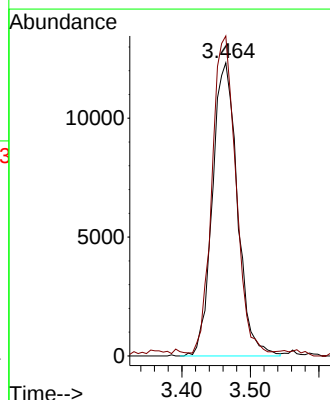
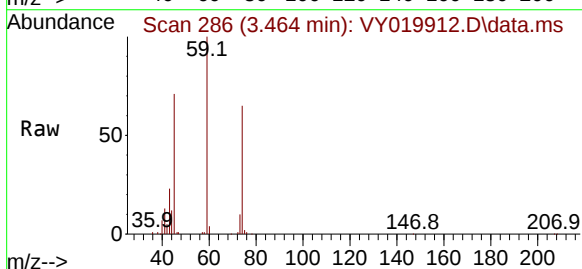
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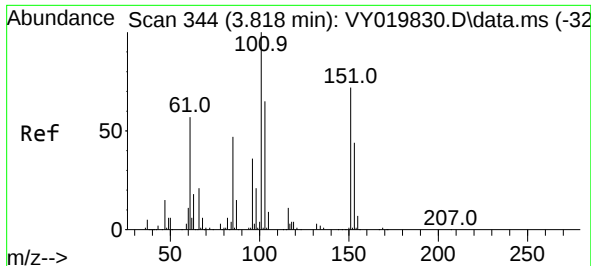
Tgt Ion:101 Resp: 111203
 Ion Ratio Lower Upper
 101 100
 103 62.7 49.3 73.9



#8
 Diethyl Ether
 Concen: 19.773 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.007 min
 Lab File: VY019912.D
 Acq: 16 Oct 2024 12:39

Tgt Ion: 74 Resp: 31146
 Ion Ratio Lower Upper
 74 100
 45 102.5 41.3 124.1

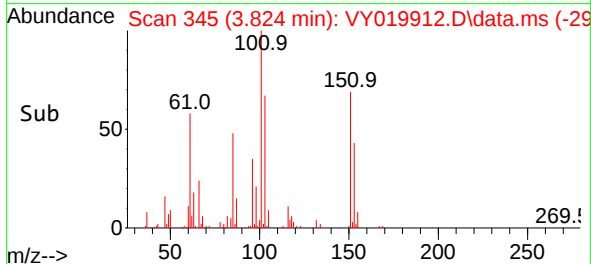
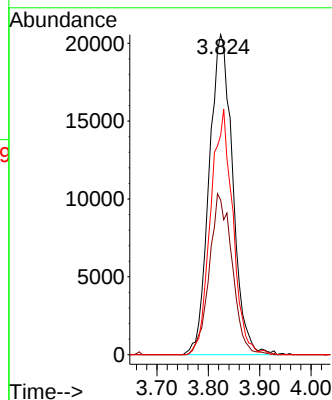
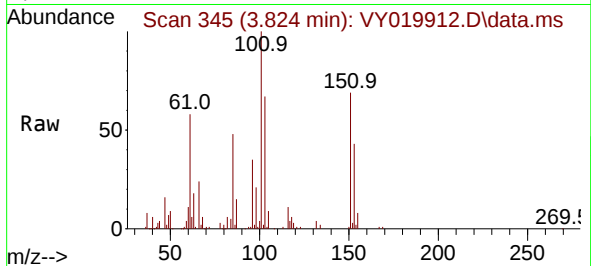




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.653 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.013 min
Lab File: VY019912.D
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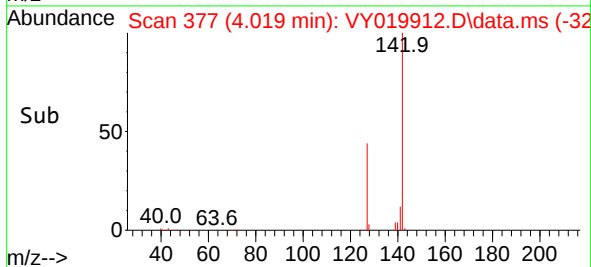
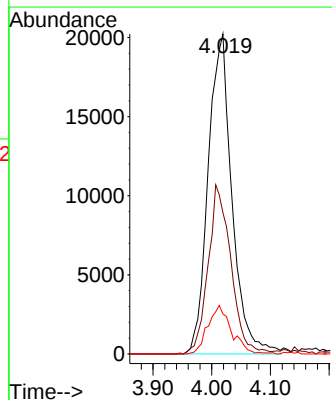
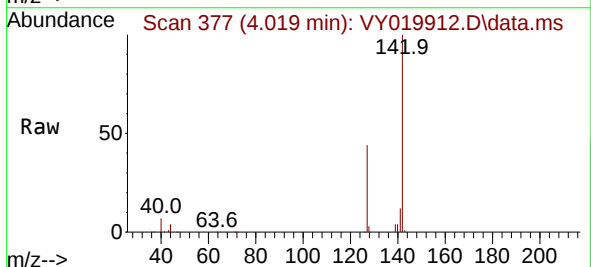
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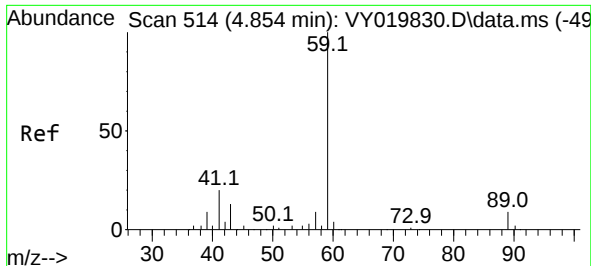
Tgt Ion:101 Resp: 65278
Ion Ratio Lower Upper
101 100
85 48.8 34.5 51.7
151 72.4 61.7 92.5



#10
Methyl Iodide
Concen: 18.704 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.013 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

Tgt Ion:142 Resp: 57028
Ion Ratio Lower Upper
142 100
127 50.6 32.8 49.2#
141 15.1 11.4 17.2

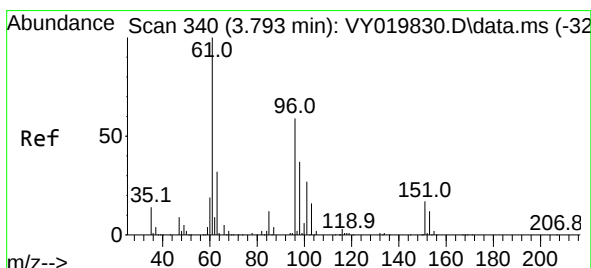
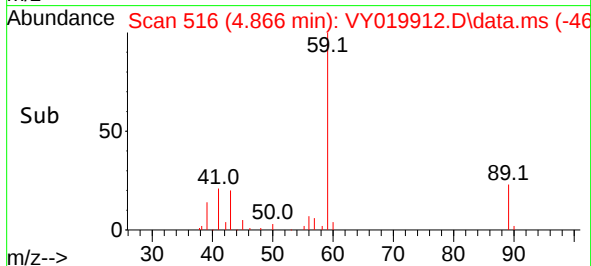
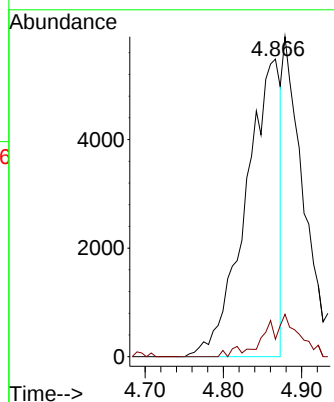
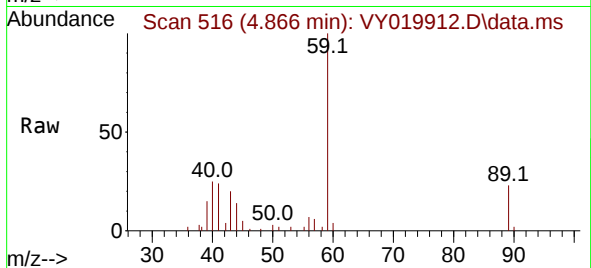




#11
Tert butyl alcohol
Concen: 50.992 ug/l
RT: 4.866 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

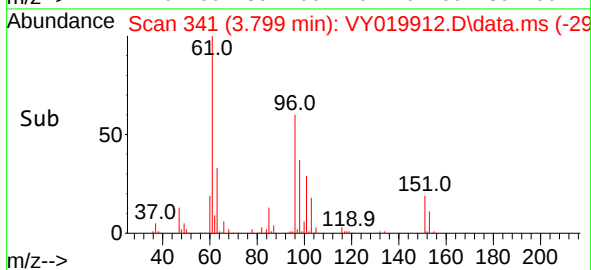
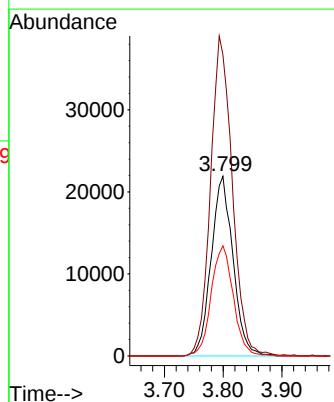
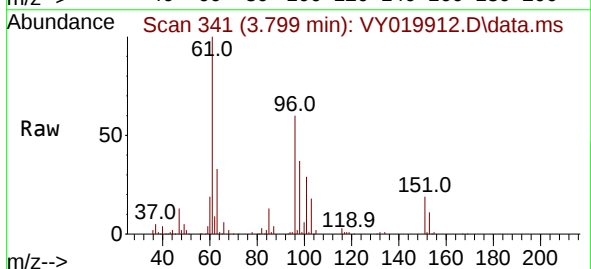
Instrument :
MSVOA_Y
ClientSampleId :

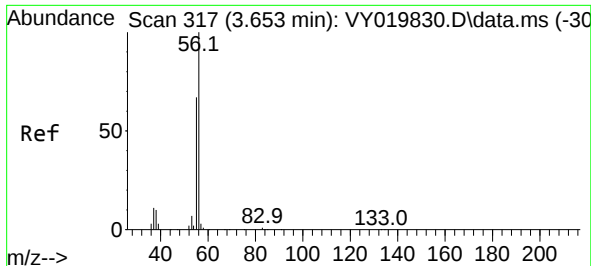
Tgt Ion: 59 Resp: 16930
Ion Ratio Lower Upper
59 100
57 8.1 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 20.206 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.013 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

Tgt Ion: 96 Resp: 56631
Ion Ratio Lower Upper
96 100
61 167.6 114.6 171.8
98 61.4 50.8 76.2





#13

Acrolein

Concen: 91.804 ug/l

RT: 3.665 min Scan# 317

Delta R.T. 0.012 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

Instrument :

MSVOA_Y

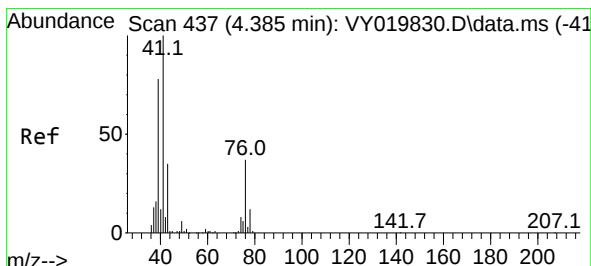
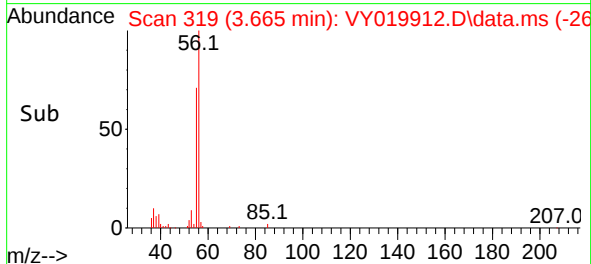
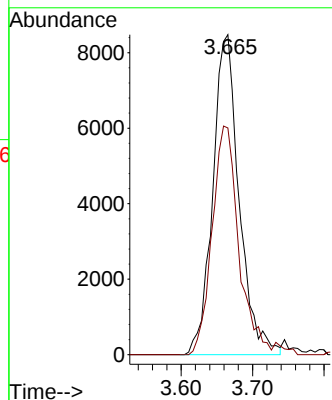
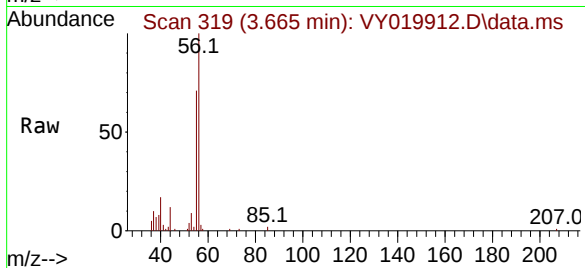
ClientSampleId :

Tgt Ion: 56 Resp: 21699

Ion Ratio Lower Upper

56 100

55 72.1 55.7 83.5



#14

Allyl chloride

Concen: 20.736 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.007 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

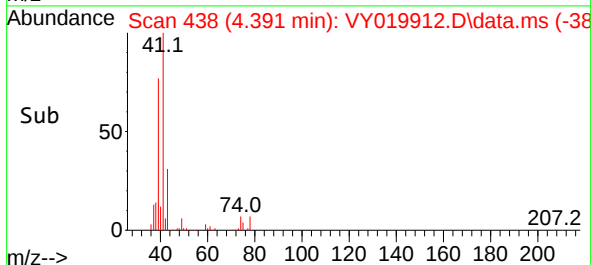
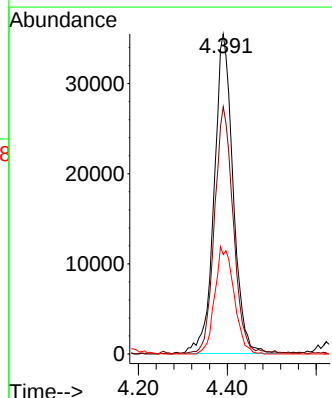
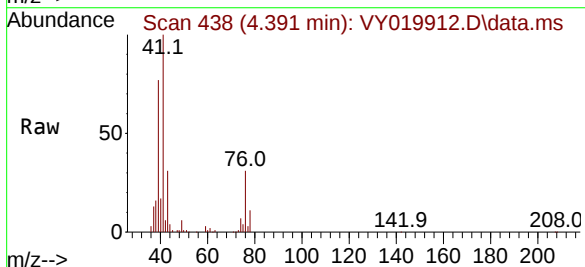
Tgt Ion: 41 Resp: 104859

Ion Ratio Lower Upper

41 100

39 77.0 58.3 87.5

76 34.2 39.0 58.6#

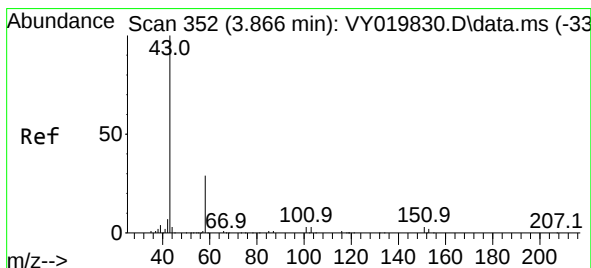
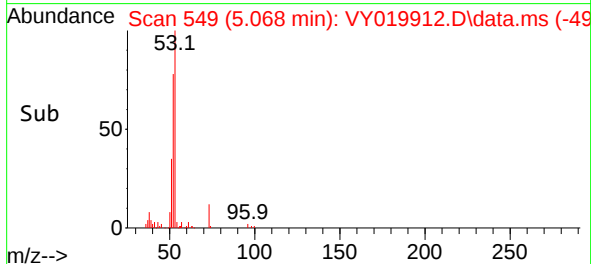
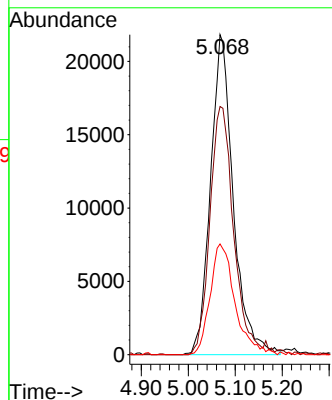
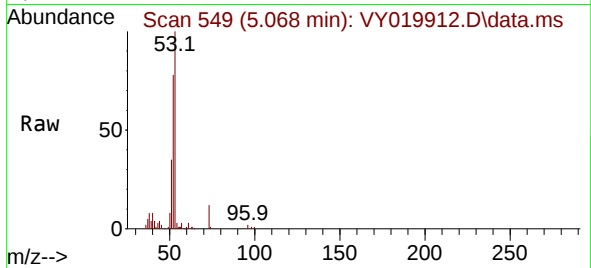




#15
Acrylonitrile
Concen: 101.836 ug/l
RT: 5.068 min Scan# 54
Delta R.T. 0.013 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

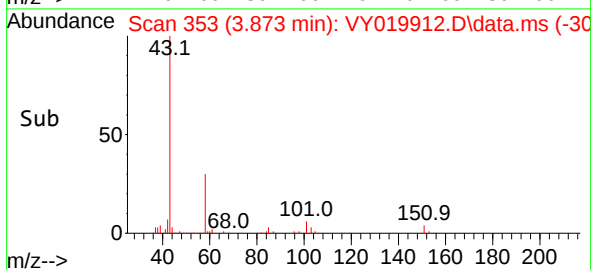
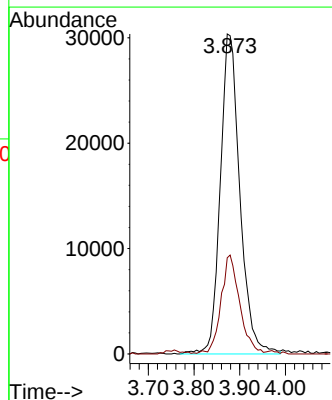
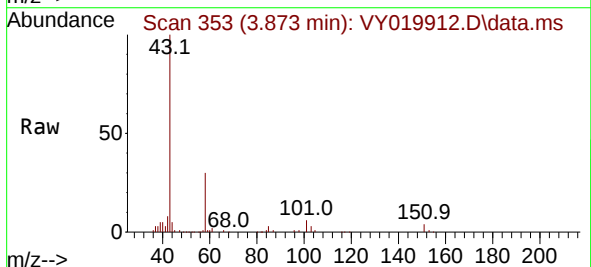
Instrument :
MSVOA_Y
ClientSampleId :

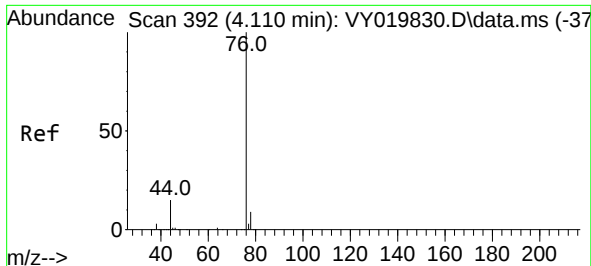
Tgt Ion: 53 Resp: 73371
Ion Ratio Lower Upper
53 100
52 80.4 64.7 97.1
51 37.8 28.4 42.6



#16
Acetone
Concen: 108.111 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

Tgt Ion: 43 Resp: 90528
Ion Ratio Lower Upper
43 100
58 29.8 31.7 47.5#

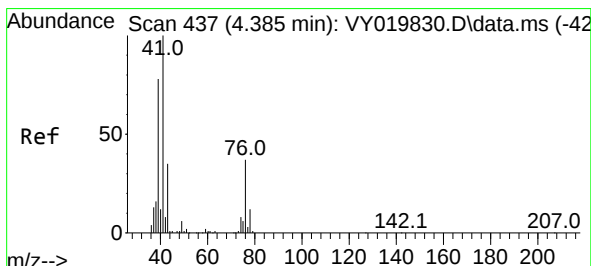
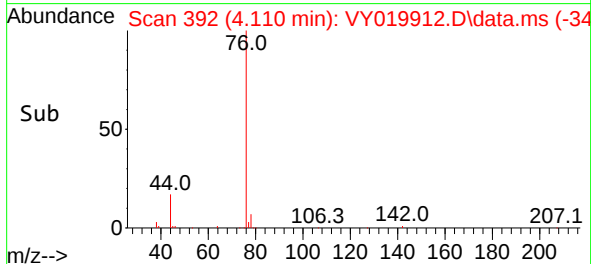
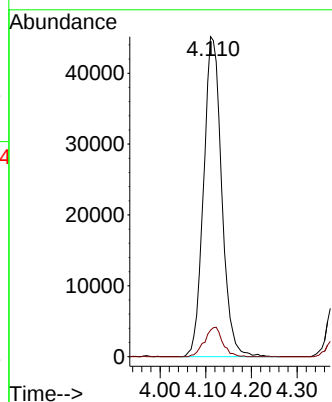
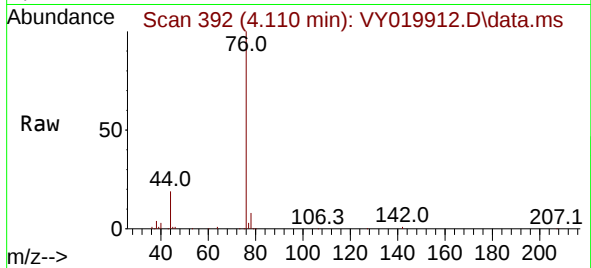




#17
Carbon Disulfide
Concen: 16.498 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.007 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

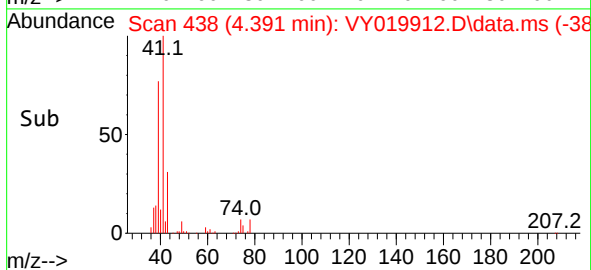
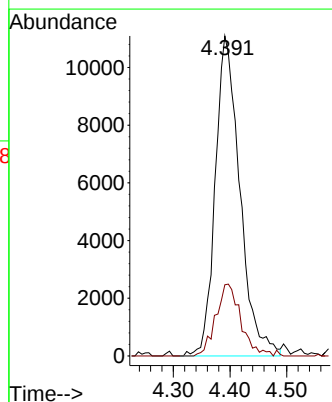
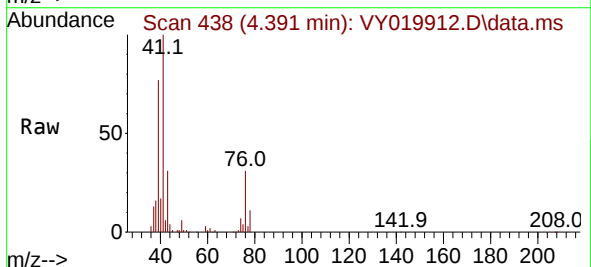
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 123936
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2



#18
Methyl Acetate
Concen: 18.527 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.007 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

Tgt Ion: 43 Resp: 33420
Ion Ratio Lower Upper
43 100
74 22.7 23.3 34.9#

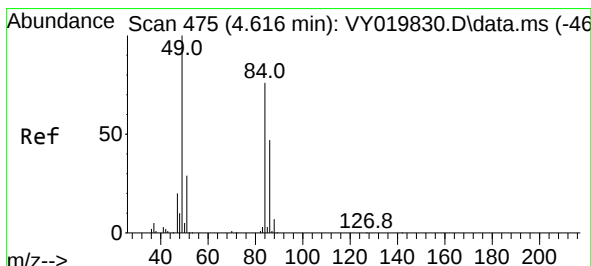
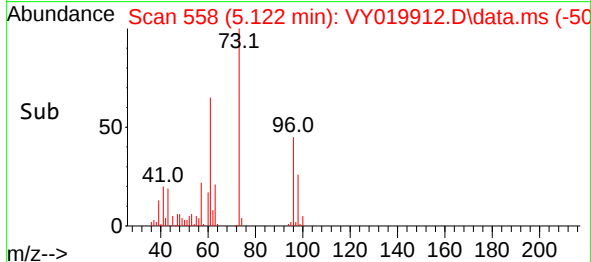
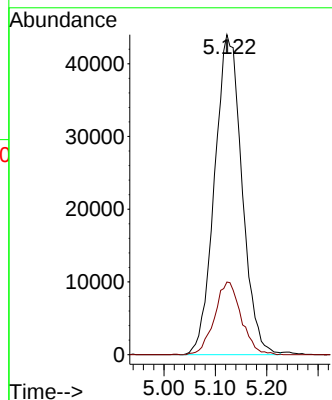
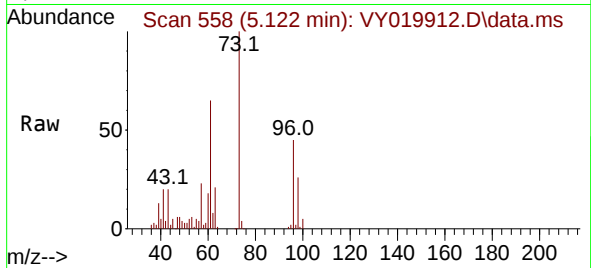




#19
Methyl tert-butyl Ether
Concen: 20.207 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

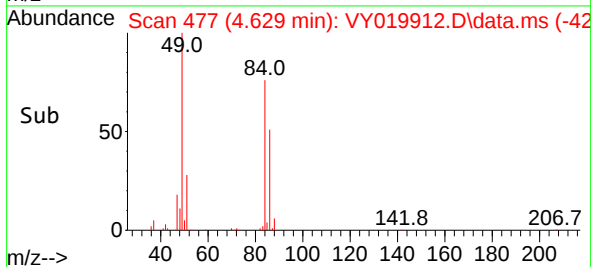
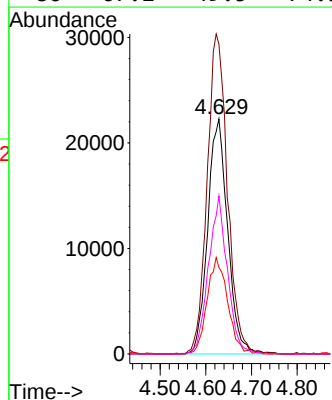
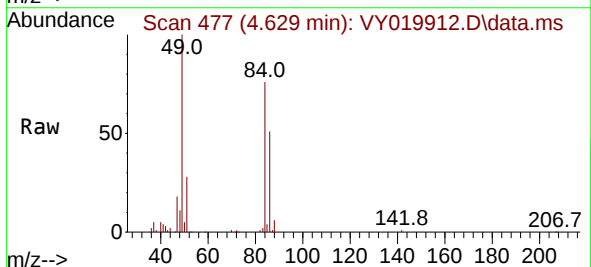
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 73 Resp: 162702
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9



#20
Methylene Chloride
Concen: 21.385 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

Tgt Ion: 84 Resp: 67593
Ion Ratio Lower Upper
84 100
49 131.8 84.4 126.6#
51 36.8 26.0 39.0
86 67.2 49.5 74.3

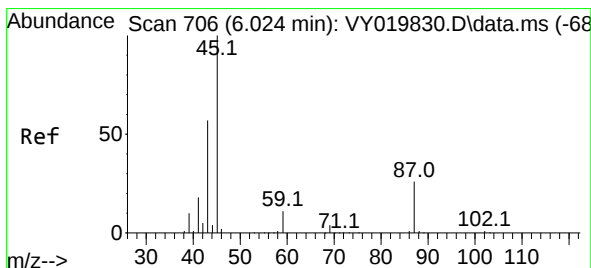
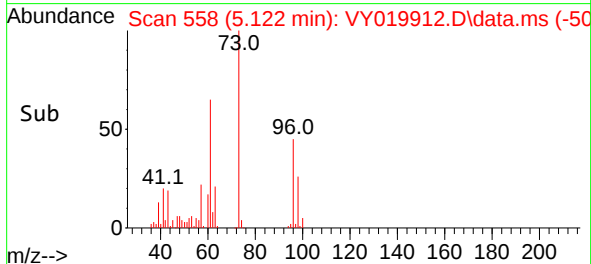
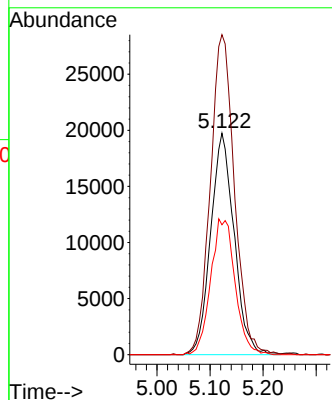
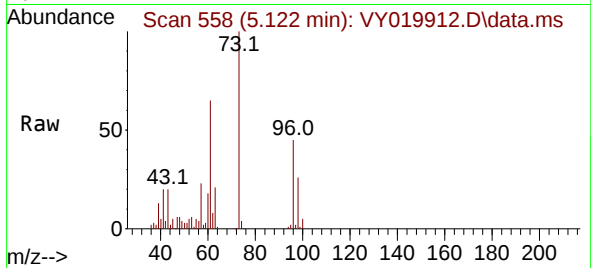




#21
trans-1,2-Dichloroethene
Concen: 19.888 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

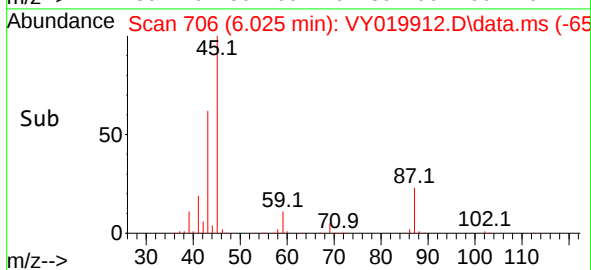
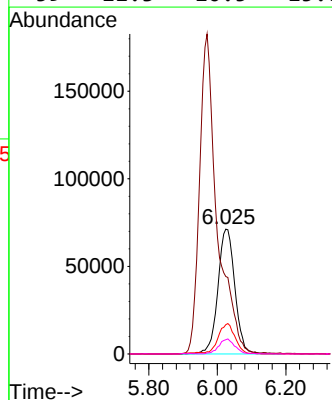
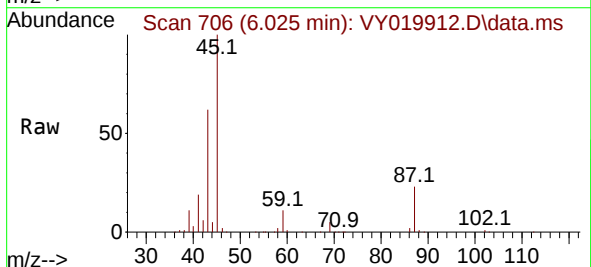
Instrument :
MSVOA_Y
ClientSampleId :

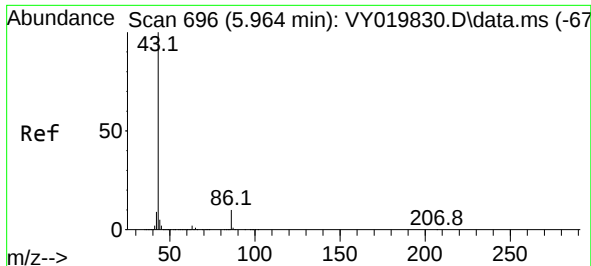
Tgt Ion: 96 Resp: 60664
Ion Ratio Lower Upper
96 100
61 144.5 97.5 146.3
98 58.7 50.5 75.7



#22
Diisopropyl ether
Concen: 22.203 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.007 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

Tgt Ion: 45 Resp: 244556
Ion Ratio Lower Upper
45 100
43 62.0 42.2 63.2
87 23.4 25.0 37.6#
59 11.3 10.5 15.7

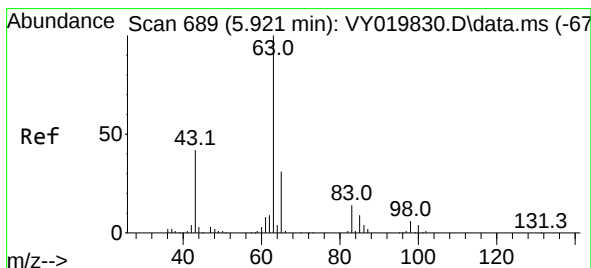
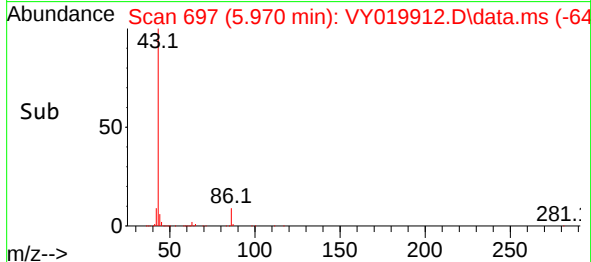
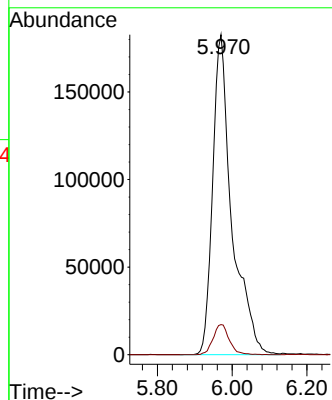
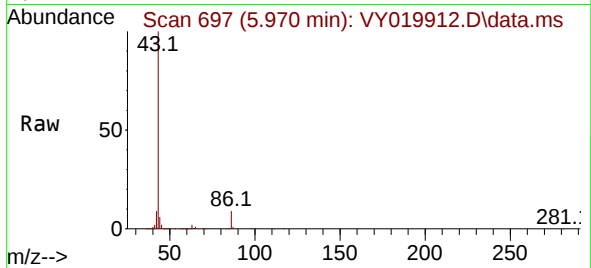




#23
 Vinyl Acetate
 Concen: 103.267 ug/l
 RT: 5.970 min Scan# 696
 Delta R.T. 0.013 min
 Lab File: VY019912.D
 Acq: 16 Oct 2024 12:39

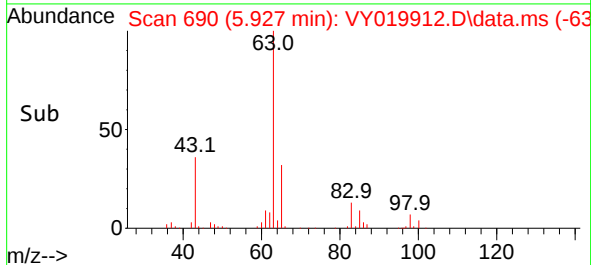
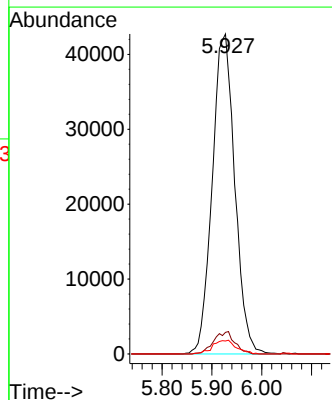
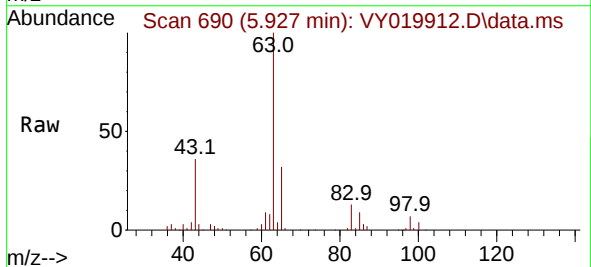
Instrument :
 MSVOA_Y
 ClientSampleId :

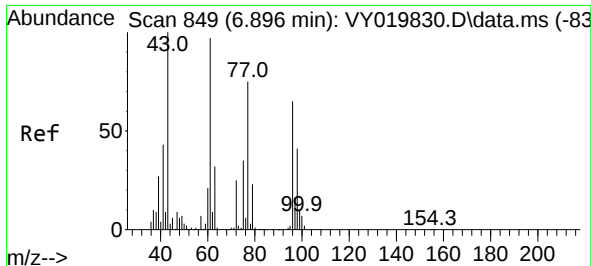
Tgt Ion: 43 Resp: 652076
 Ion Ratio Lower Upper
 43 100
 86 9.4 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 21.918 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.013 min
 Lab File: VY019912.D
 Acq: 16 Oct 2024 12:39

Tgt Ion: 63 Resp: 134202
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.0 12.2
 100 4.1 2.6 8.0

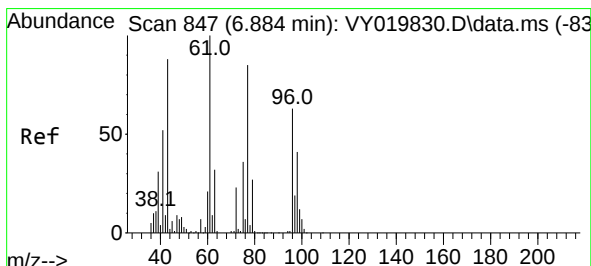
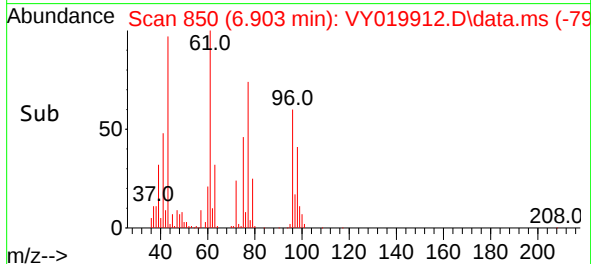
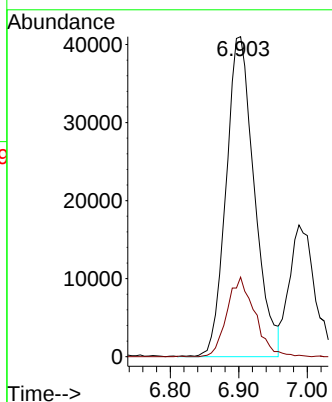
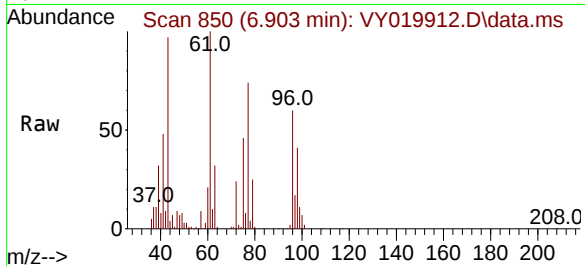




#25
2-Butanone
Concen: 104.846 ug/l
RT: 6.903 min Scan# 849
Delta R.T. 0.013 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

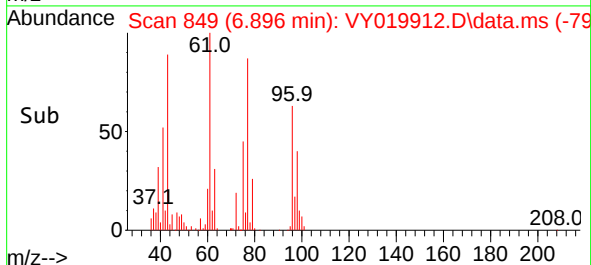
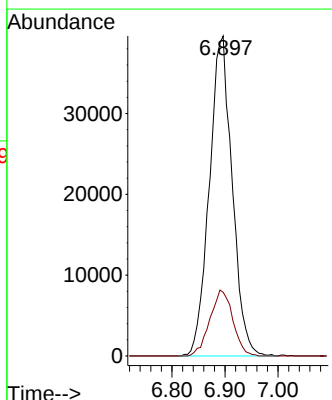
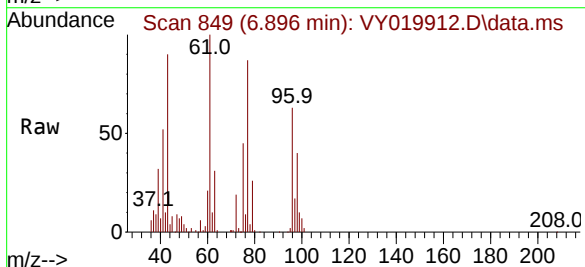
Instrument :
MSVOA_Y
ClientSampleId :

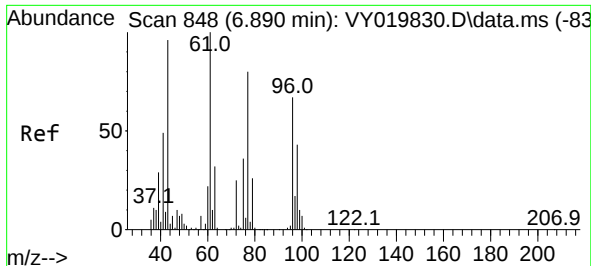
Tgt Ion: 43 Resp: 117514
Ion Ratio Lower Upper
43 100
72 24.7 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 21.739 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.013 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

Tgt Ion: 77 Resp: 118537
Ion Ratio Lower Upper
77 100
97 20.7 12.0 36.1

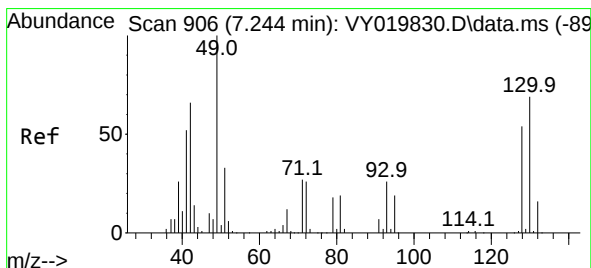
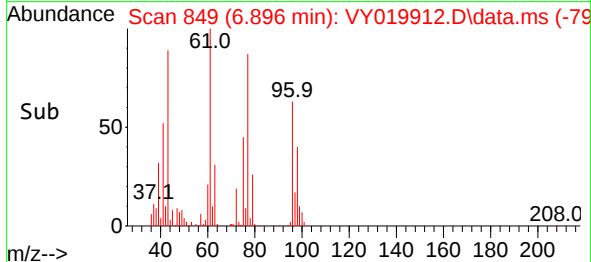
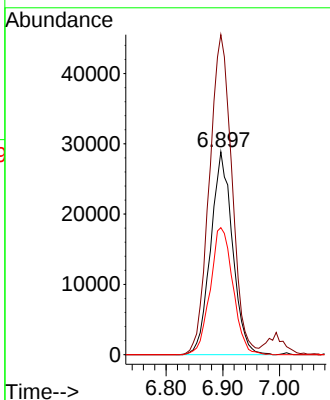
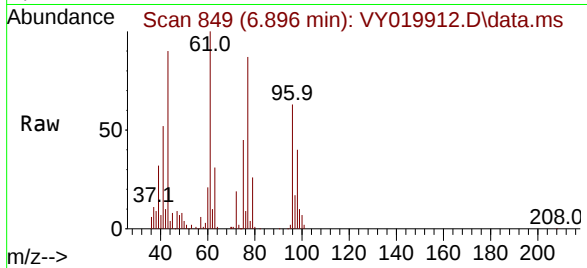




#27
 cis-1,2-Dichloroethene
 Concen: 20.490 ug/l
 RT: 6.896 min Scan# 848
 Delta R.T. 0.007 min
 Lab File: VY019912.D
 Acq: 16 Oct 2024 12:39

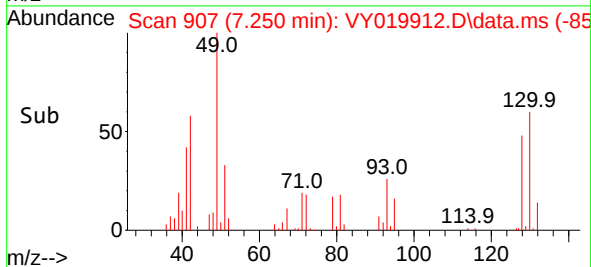
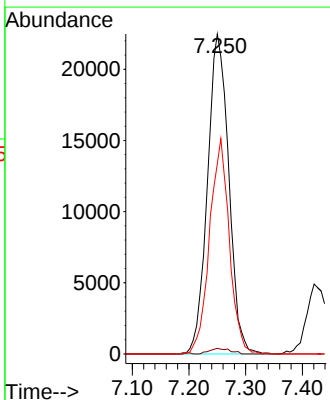
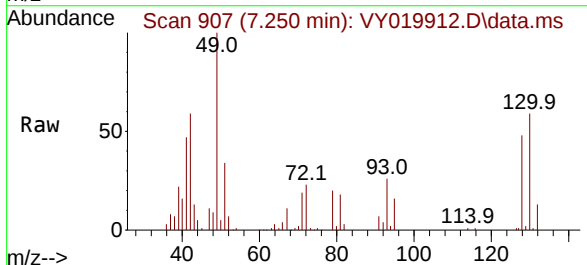
Instrument :
 MSVOA_Y
 ClientSampleId :

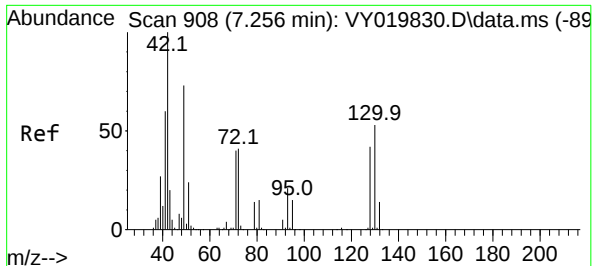
Tgt Ion: 96 Resp: 77238
 Ion Ratio Lower Upper
 96 100
 61 163.0 0.0 256.2
 98 65.2 0.0 130.0



#28
 Bromochloromethane
 Concen: 21.715 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.007 min
 Lab File: VY019912.D
 Acq: 16 Oct 2024 12:39

Tgt Ion: 49 Resp: 58521
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 62.4 72.7 109.1#





#29

Tetrahydrofuran

Concen: 97.094 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.007 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

Instrument :

MSVOA_Y

ClientSampleId :

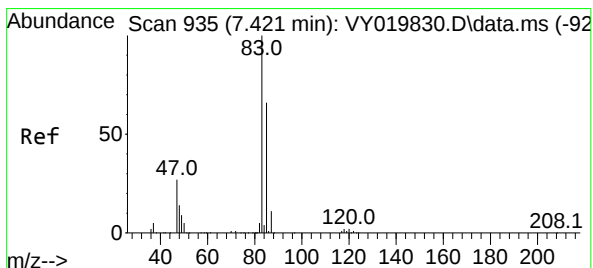
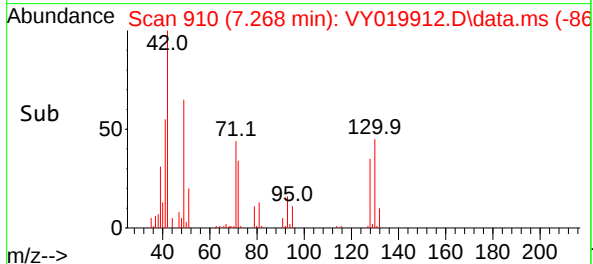
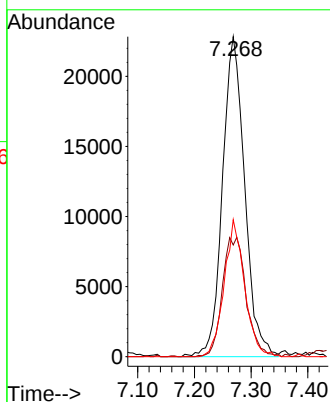
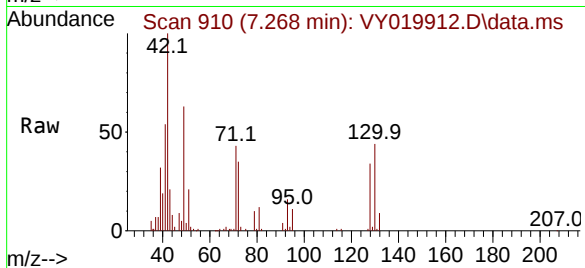
Tgt Ion: 42 Resp: 62137

Ion Ratio Lower Upper

42 100

72 39.9 43.0 64.4#

71 39.4 40.8 61.2#



#30

Chloroform

Concen: 22.206 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.007 min

Lab File: VY019912.D

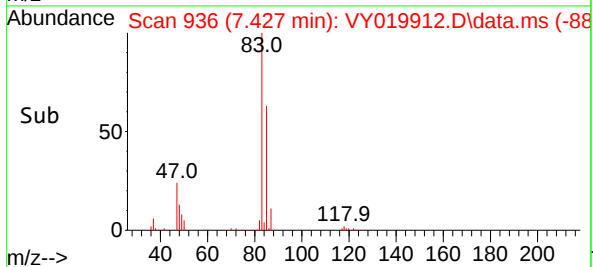
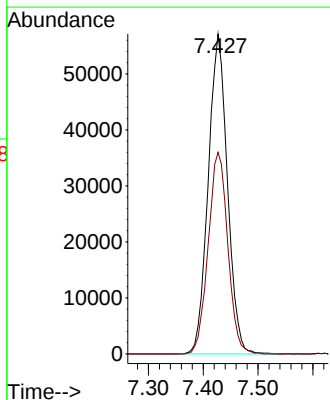
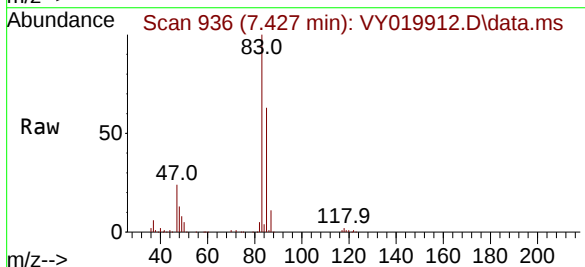
Acq: 16 Oct 2024 12:39

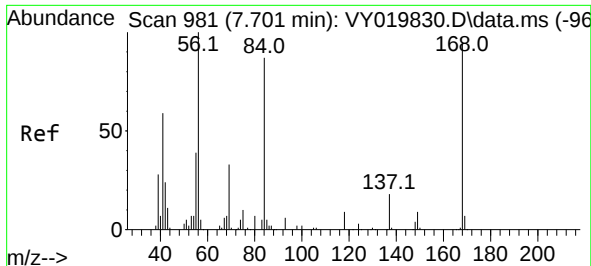
Tgt Ion: 83 Resp: 138601

Ion Ratio Lower Upper

83 100

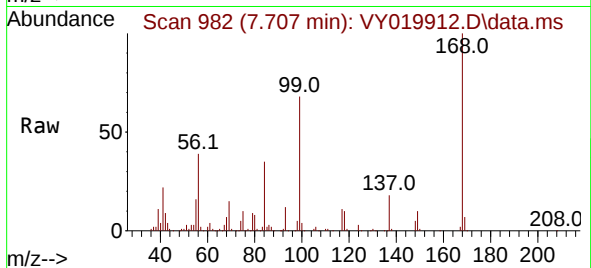
85 63.0 52.2 78.4



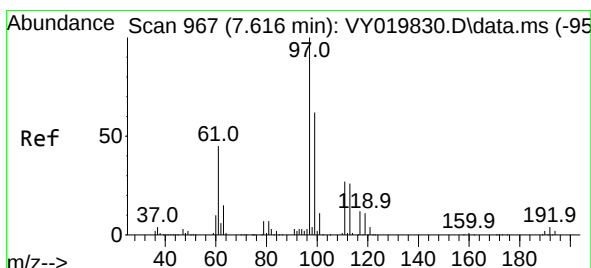
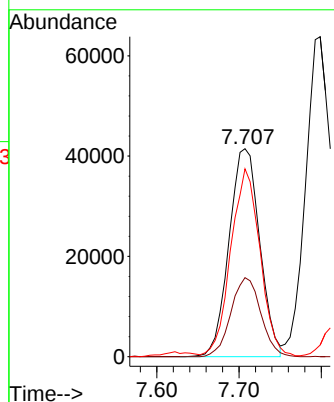
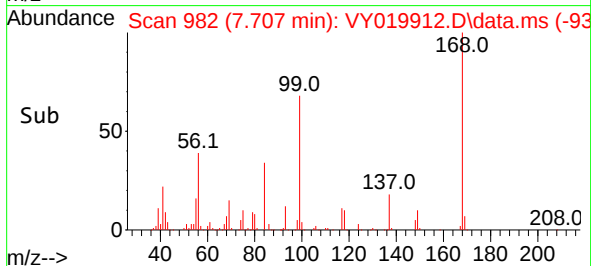


#31
Cyclohexane
Concen: 20.037 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

Instrument :
MSVOA_Y
ClientSampleId :

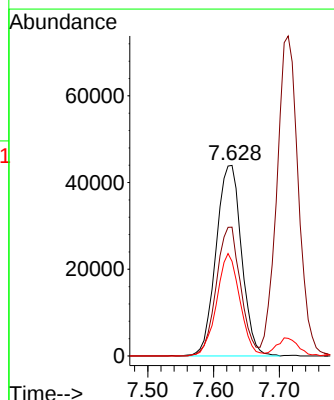
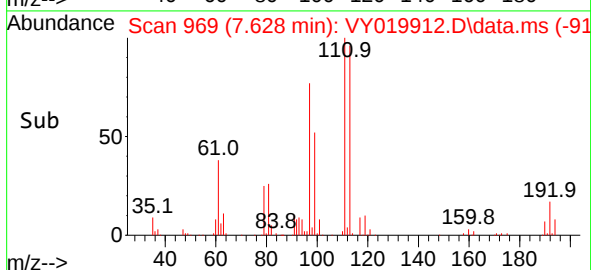
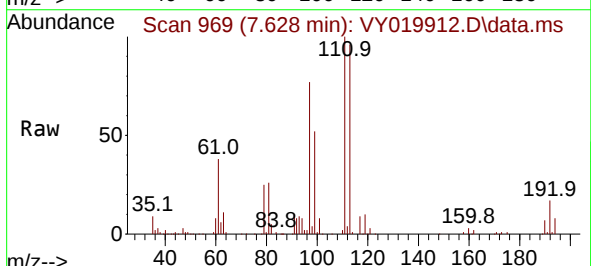


Tgt Ion: 56 Resp: 107696
Ion Ratio Lower Upper
56 100
69 38.0 28.7 43.1
84 88.7 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.694 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.013 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

Tgt Ion: 97 Resp: 118661
Ion Ratio Lower Upper
97 100
99 64.9 50.3 75.5
61 49.1 32.6 48.8#





#33

1,2-Dichloroethane-d4

Concen: 53.776 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.007 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

Instrument :

MSVOA_Y

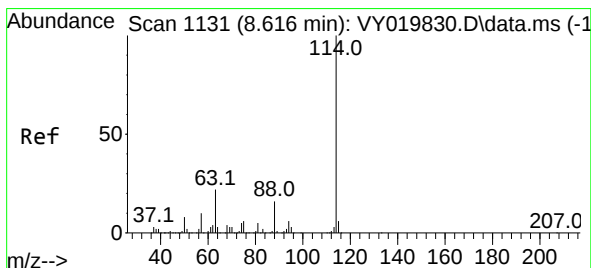
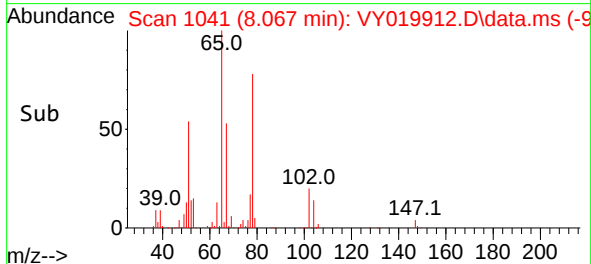
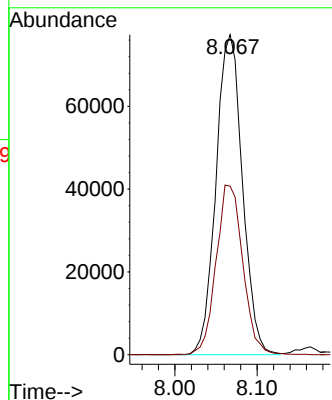
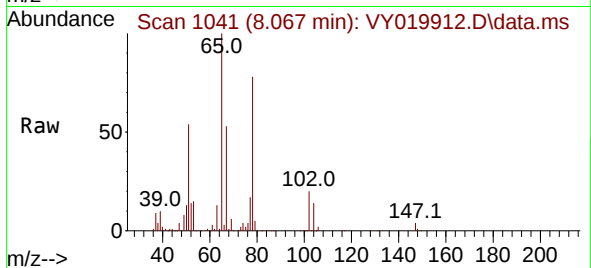
ClientSampleId :

Tgt Ion: 65 Resp: 172981

Ion Ratio Lower Upper

65 100

67 53.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

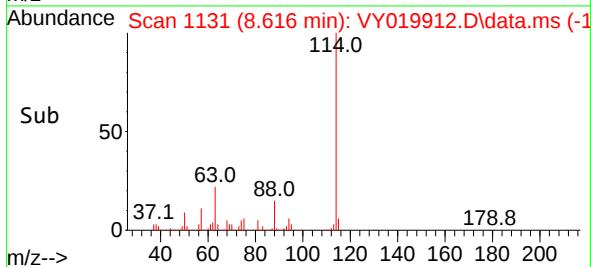
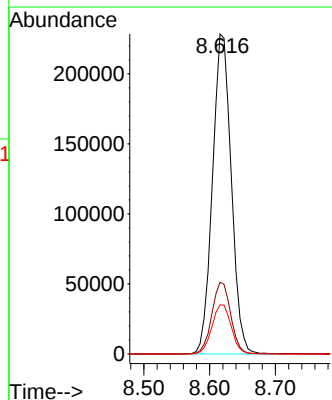
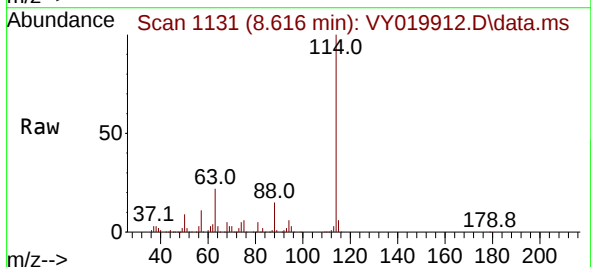
Tgt Ion: 114 Resp: 454478

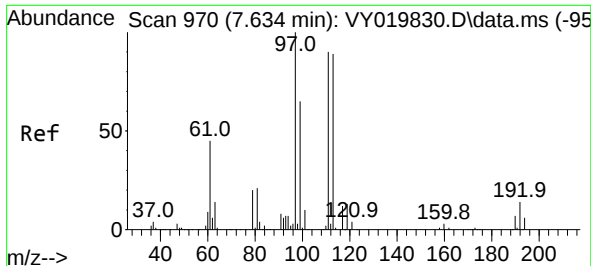
Ion Ratio Lower Upper

114 100

63 22.4 0.0 35.0

88 15.3 0.0 27.2

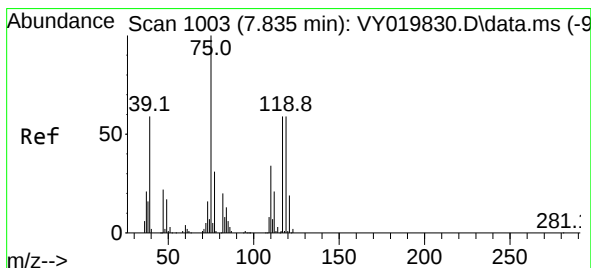
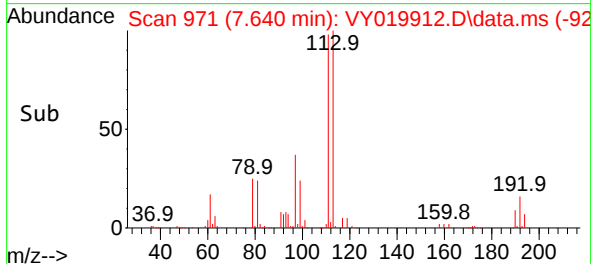
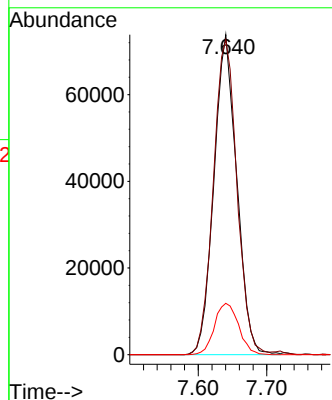
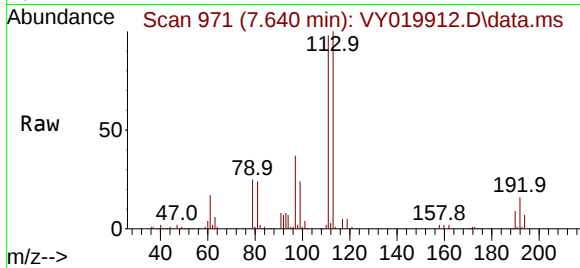




#35
Dibromofluoromethane
Concen: 56.841 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

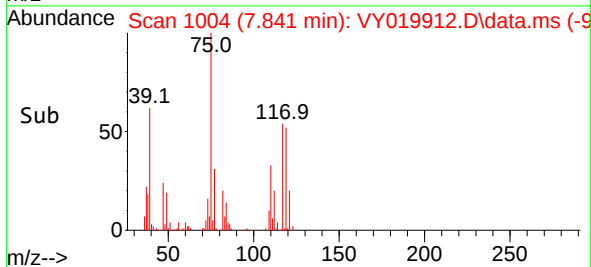
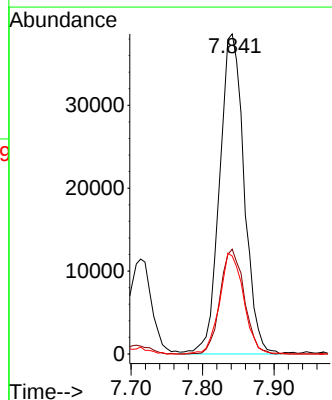
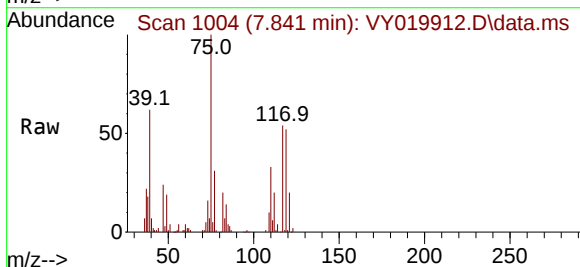
Instrument :
MSVOA_Y
ClientSampleId :

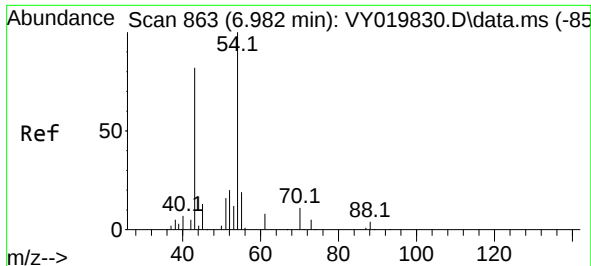
Tgt Ion:113 Resp: 170469
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 17.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 21.301 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.007 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

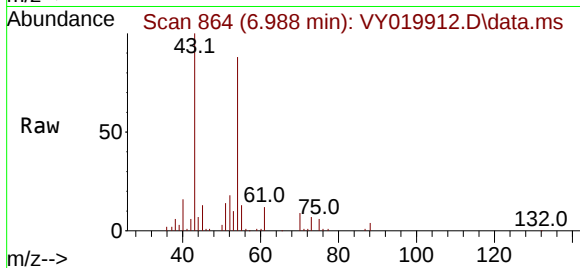
Tgt Ion: 75 Resp: 92033
Ion Ratio Lower Upper
75 100
110 31.9 19.0 57.0
77 30.9 25.3 37.9



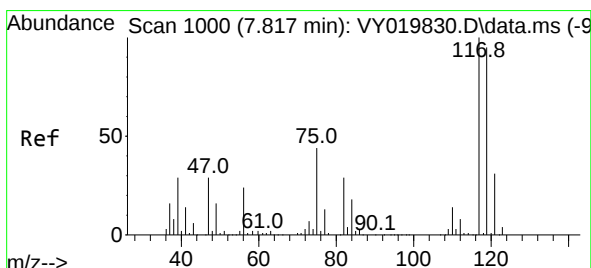
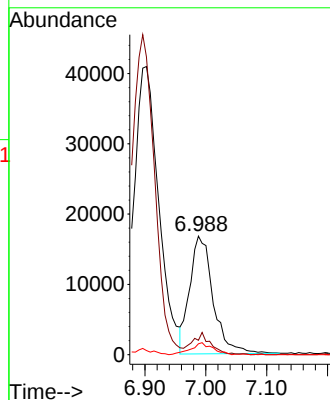
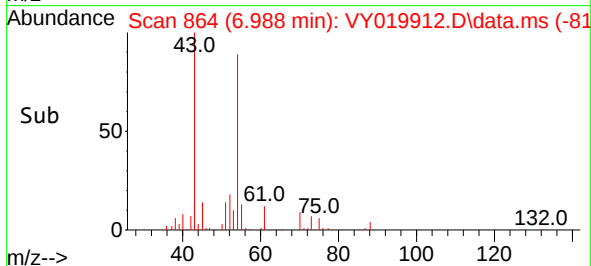


#37
Ethyl Acetate
Concen: 19.808 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.007 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

Instrument :
MSVOA_Y
ClientSampleId :

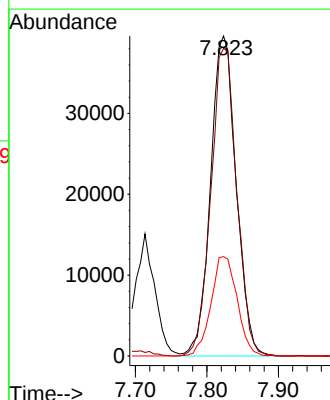
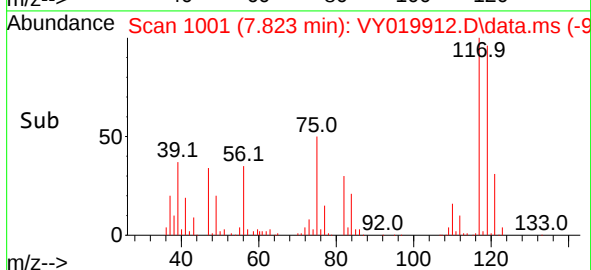
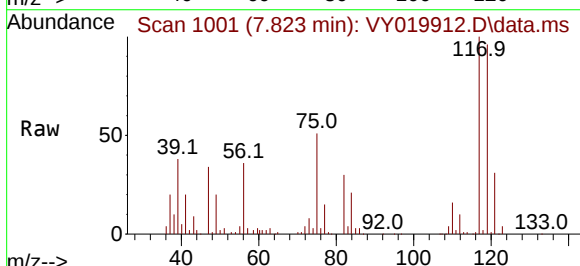


Tgt Ion: 43 Resp: 44627
Ion Ratio Lower Upper
43 100
61 13.6 12.6 19.0
70 9.4 7.8 11.8



#38
Carbon Tetrachloride
Concen: 21.262 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.007 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

Tgt Ion: 117 Resp: 98481
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.6
121 31.0 24.0 36.0





#39

Methylcyclohexane

Concen: 20.164 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

Instrument :

MSVOA_Y

ClientSampleId :

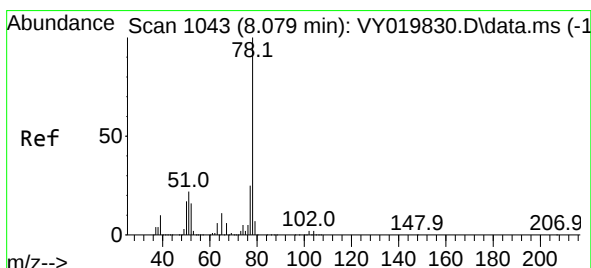
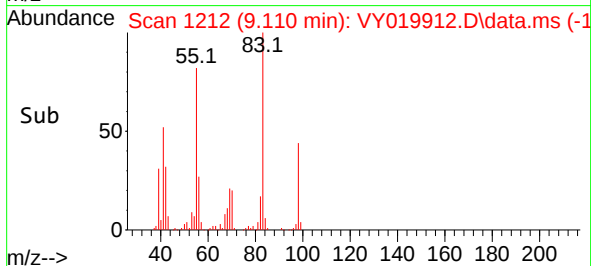
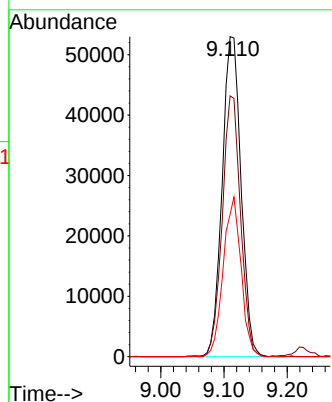
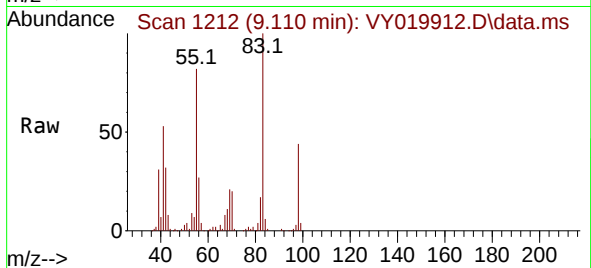
Tgt Ion: 83 Resp: 109773

Ion Ratio Lower Upper

83 100

55 81.5 51.5 77.3#

98 44.5 40.5 60.7



#40

Benzene

Concen: 21.445 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.007 min

Lab File: VY019912.D

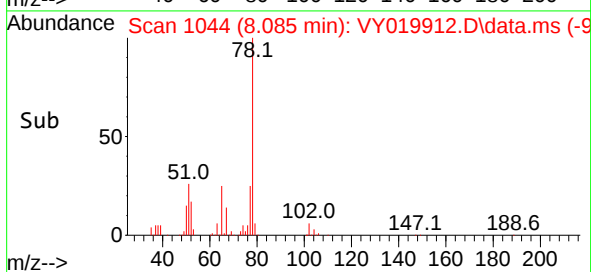
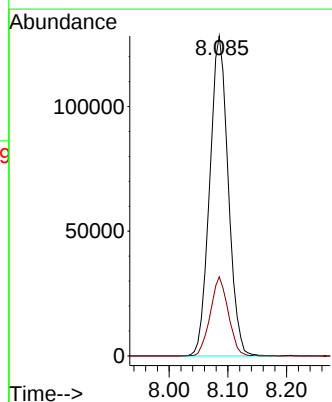
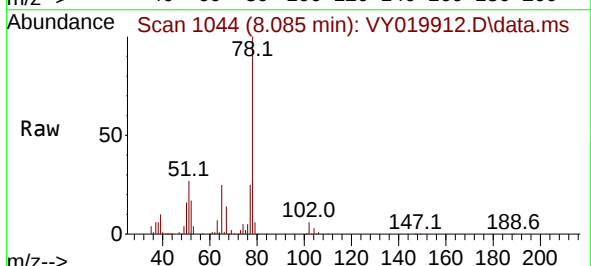
Acq: 16 Oct 2024 12:39

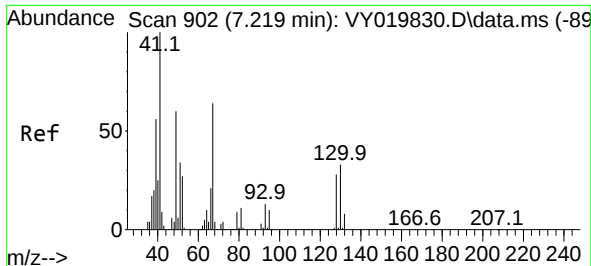
Tgt Ion: 78 Resp: 280414

Ion Ratio Lower Upper

78 100

77 24.7 19.5 29.3

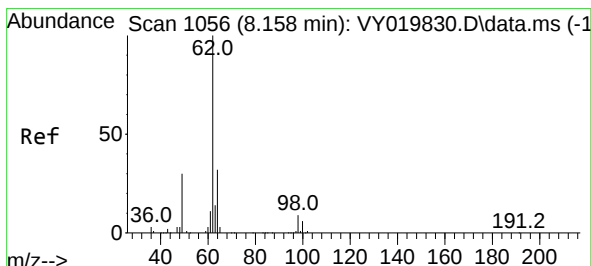
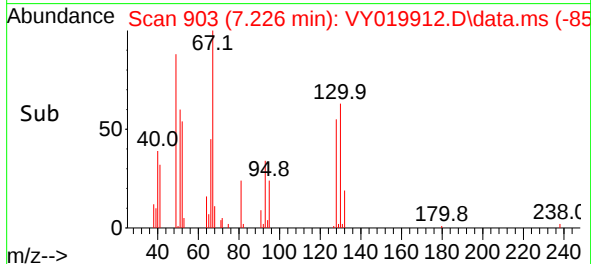
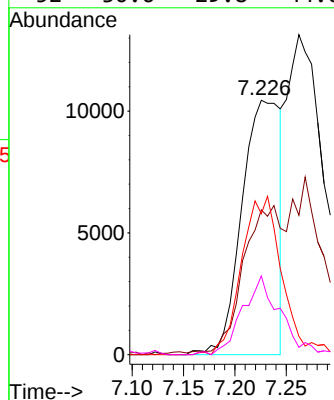
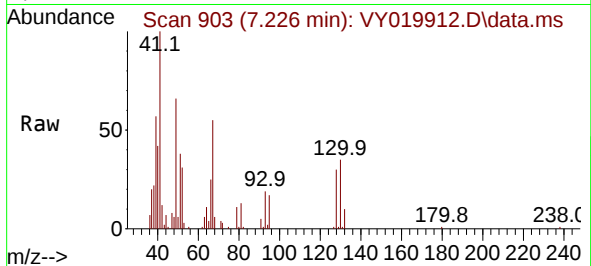




#41
Methacrylonitrile
Concen: 22.260 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.007 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

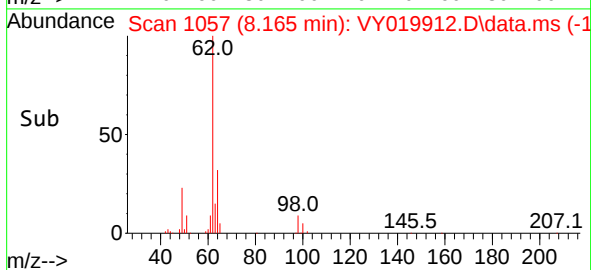
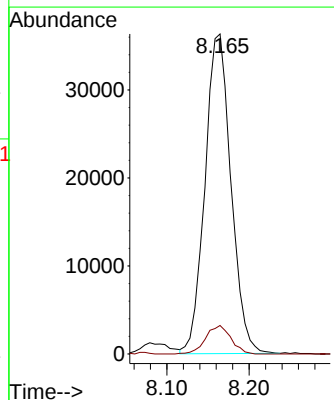
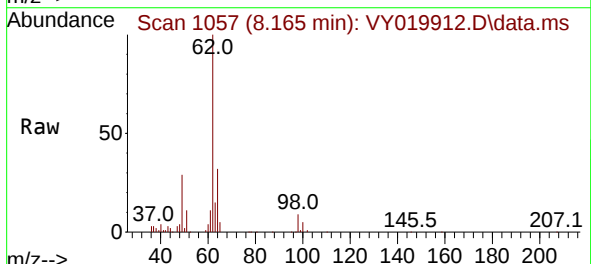
Instrument :
MSVOA_Y
ClientSampleId :

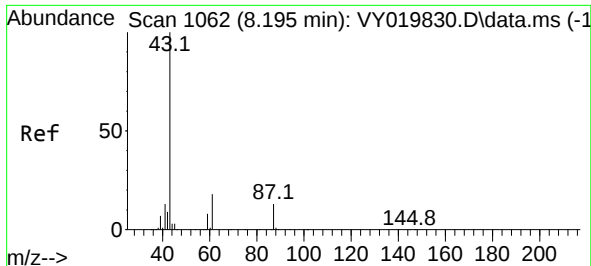
Tgt Ion:	41	Resp:	27143
Ion	Ratio	Lower	Upper
41	100		
39	61.2	48.0	72.0
67	65.6	75.1	112.7#
52	30.6	29.8	44.6



#42
1,2-Dichloroethane
Concen: 21.267 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.007 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

Tgt Ion:	62	Resp:	79891
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	22.0





#43

Isopropyl Acetate

Concen: 19.832 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.007 min

Lab File: VY019912.D

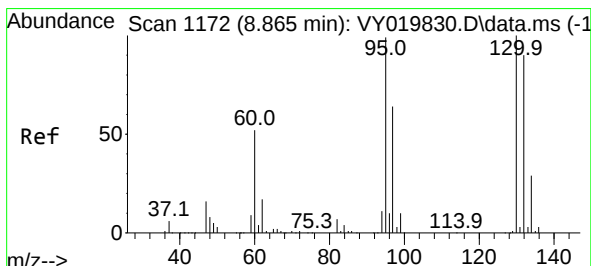
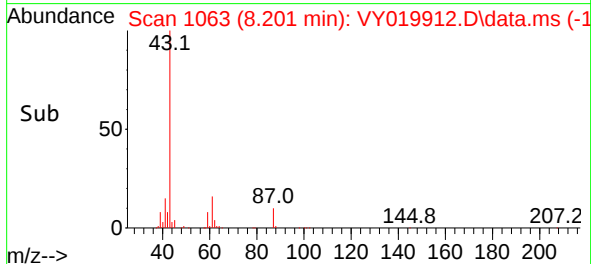
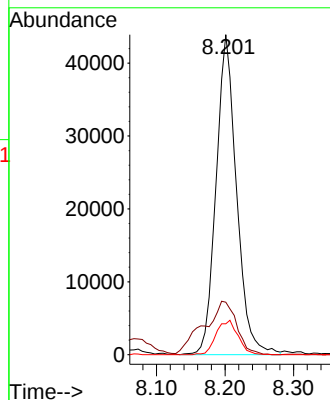
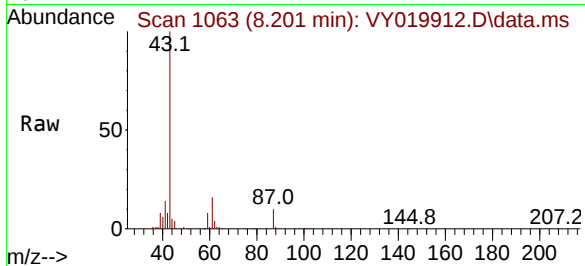
Acq: 16 Oct 2024 12:39

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 91120
Ion Ratio	Lower Upper
43	100
61	26.8 27.9 41.9#
87	11.5 13.1 19.7#



#44

Trichloroethene

Concen: 20.482 ug/l

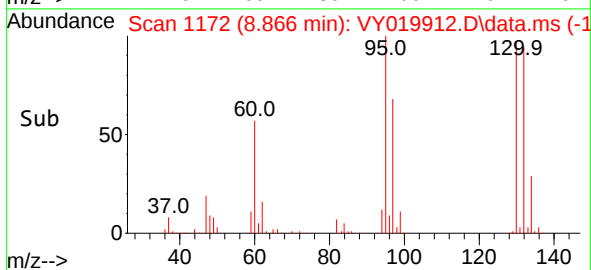
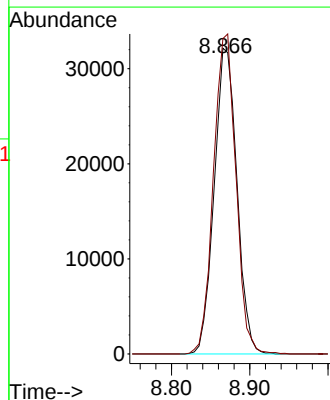
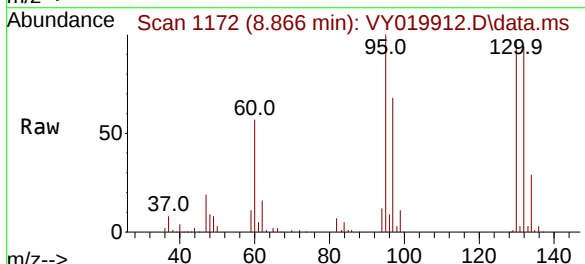
RT: 8.866 min Scan# 1172

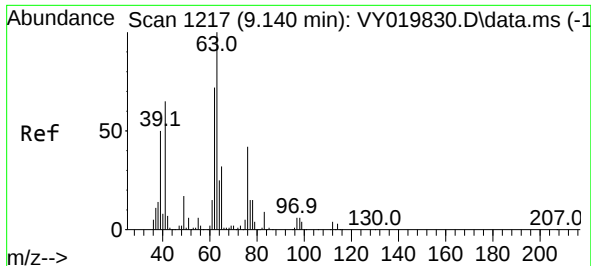
Delta R.T. 0.000 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

Tgt Ion: 130	Resp: 64866
Ion Ratio	Lower Upper
130	100
95	103.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 22.474 ug/l

RT: 9.146 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

Instrument :

MSVOA_Y

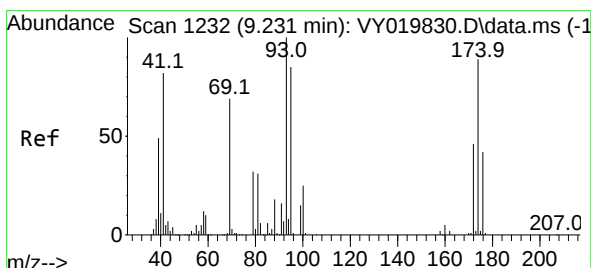
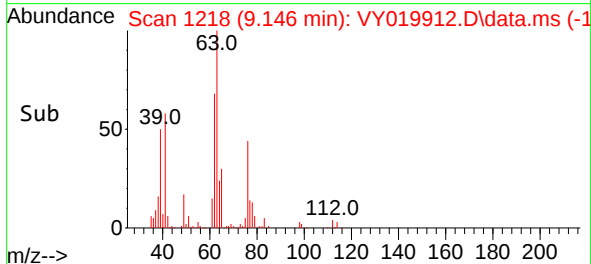
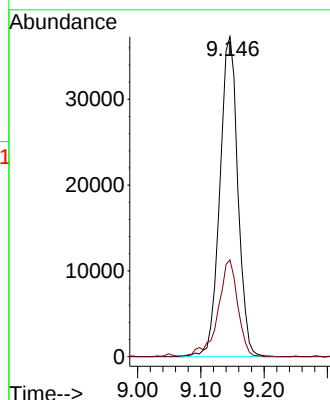
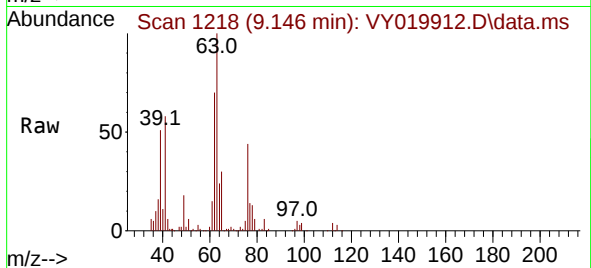
ClientSampleId :

Tgt Ion: 63 Resp: 73556

Ion Ratio Lower Upper

63 100

65 30.2 25.4 38.2



#46

Dibromomethane

Concen: 20.581 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.007 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

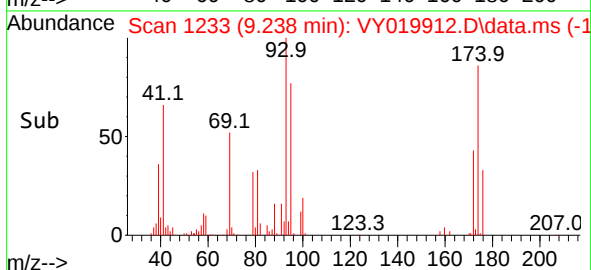
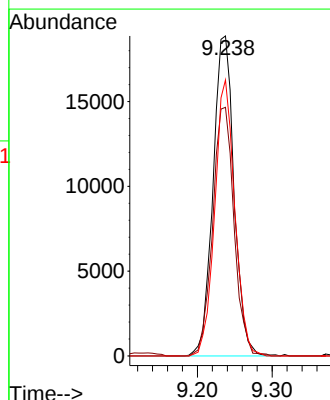
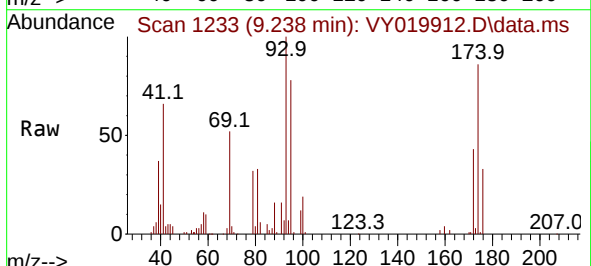
Tgt Ion: 93 Resp: 36802

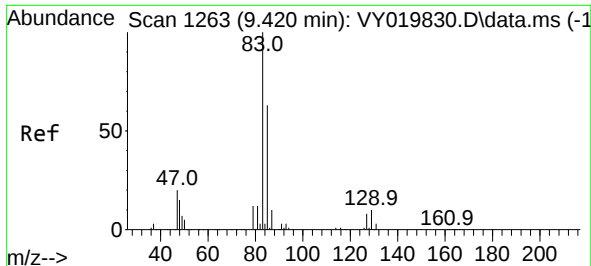
Ion Ratio Lower Upper

93 100

95 79.2 66.2 99.4

174 82.4 80.9 121.3





#47

Bromodichloromethane

Concen: 21.219 ug/l

RT: 9.427 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

Instrument :

MSVOA_Y

ClientSampleId :

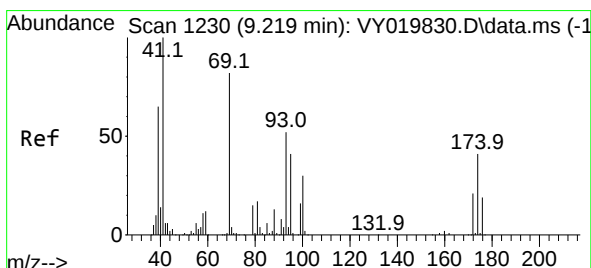
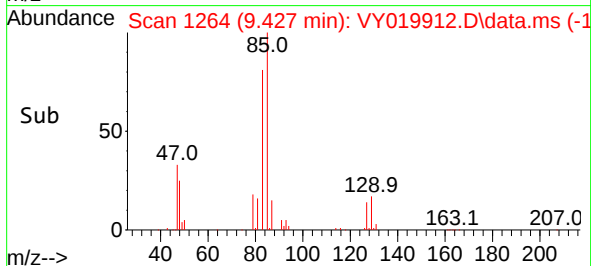
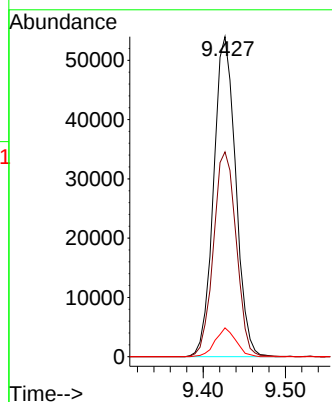
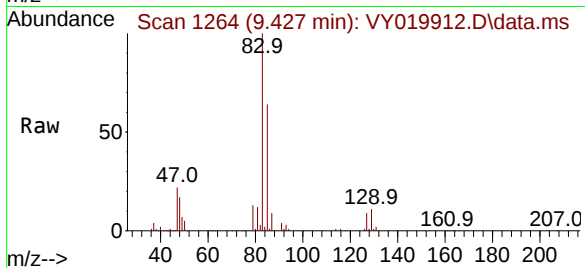
Tgt Ion: 83 Resp: 100714

Ion Ratio Lower Upper

83 100

85 64.0 50.1 75.1

127 9.0 7.4 11.0



#48

Methyl methacrylate

Concen: 20.606 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.007 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

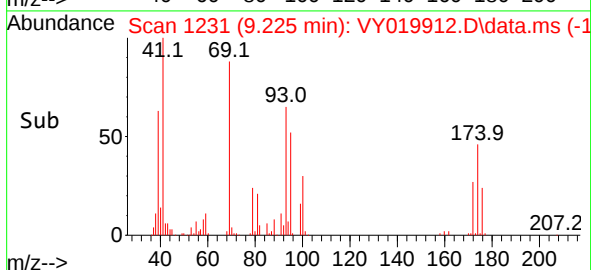
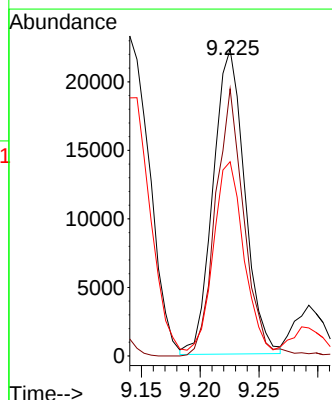
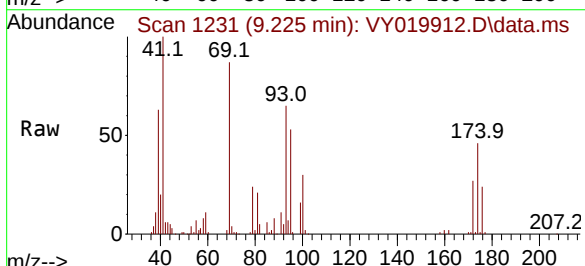
Tgt Ion: 41 Resp: 41647

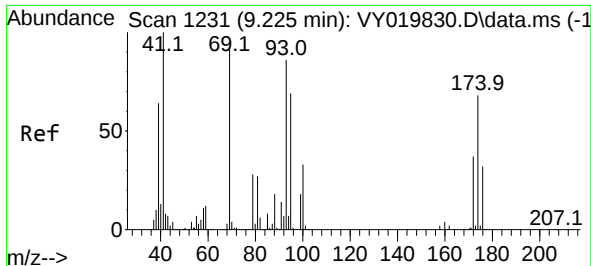
Ion Ratio Lower Upper

41 100

69 79.4 84.1 126.1#

39 58.9 43.6 65.4





#49

1,4-Dioxane

Concen: 352.609 ug/l

RT: 9.238 min Scan# 1

Delta R.T. 0.007 min

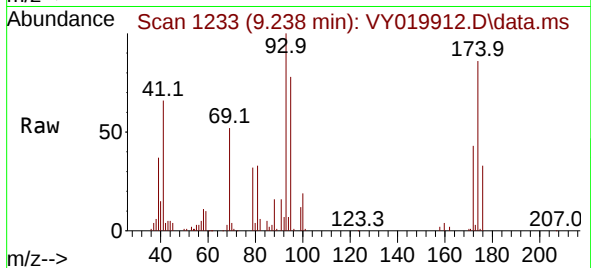
Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

Instrument :

MSVOA_Y

ClientSampleId :



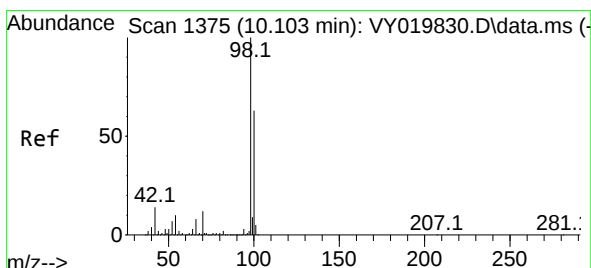
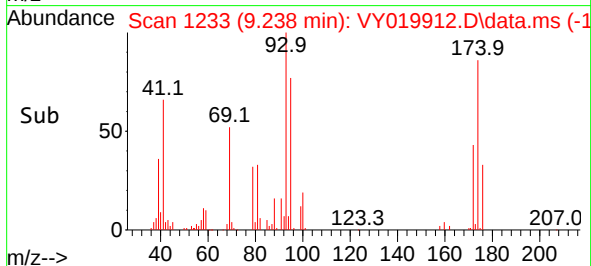
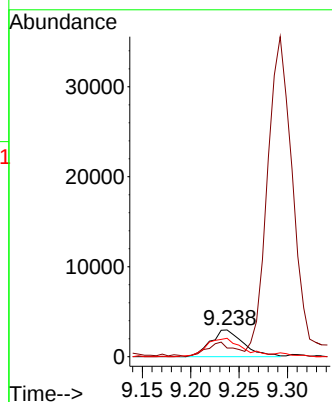
Tgt Ion: 88 Resp: 7057

Ion Ratio Lower Upper

88 100

43 44.4 0.0 0.0#

58 74.4 49.3 73.9#



#50

Toluene-d8

Concen: 56.429 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019912.D

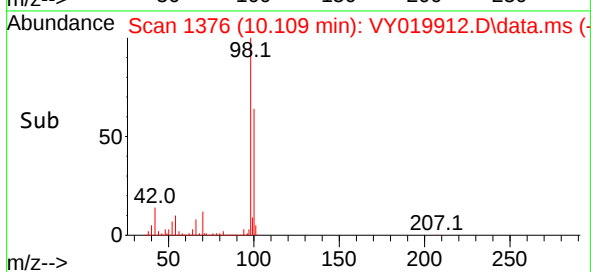
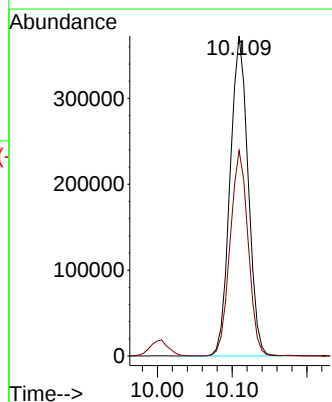
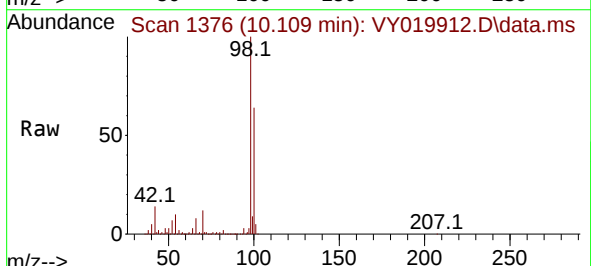
Acq: 16 Oct 2024 12:39

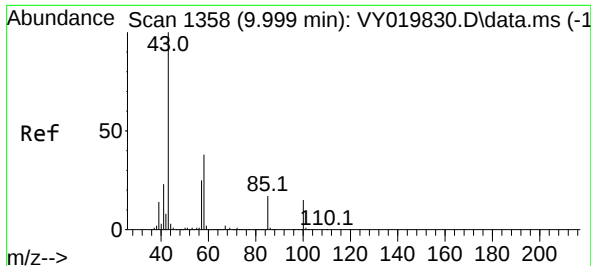
Tgt Ion: 98 Resp: 624959

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 102.659 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

Instrument :

MSVOA_Y

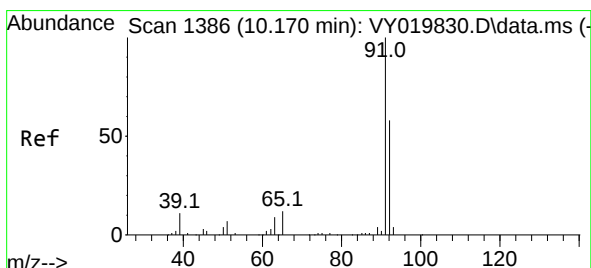
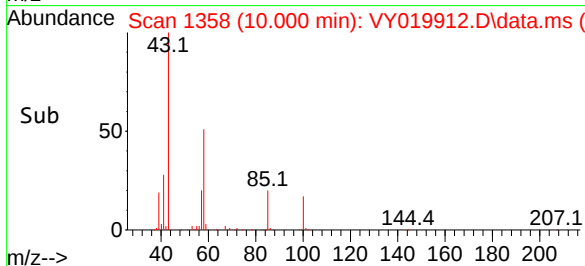
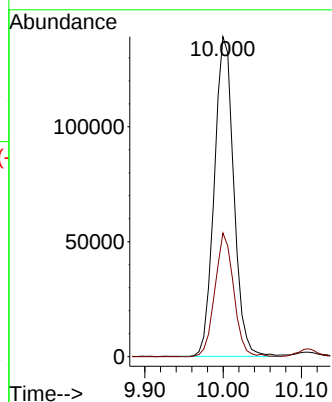
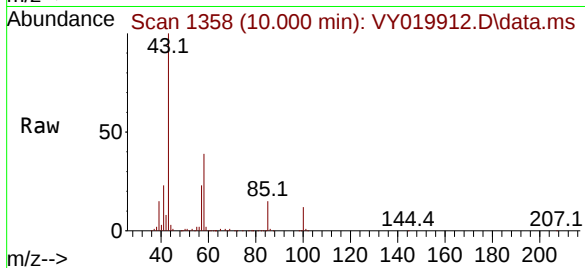
ClientSampleId :

Tgt Ion: 43 Resp: 240592

Ion Ratio Lower Upper

43 100

58 37.4 35.7 53.5



#52

Toluene

Concen: 21.347 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019912.D

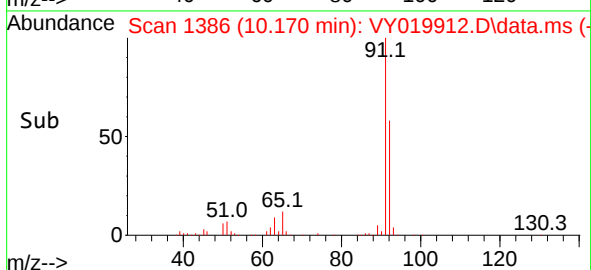
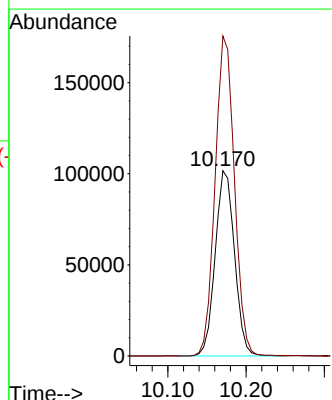
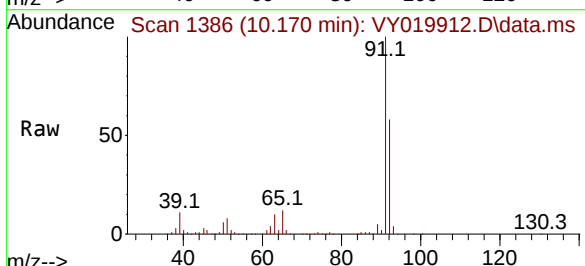
Acq: 16 Oct 2024 12:39

Tgt Ion: 92 Resp: 174241

Ion Ratio Lower Upper

92 100

91 173.0 139.0 208.6

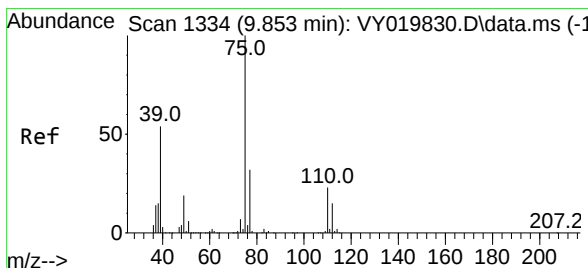
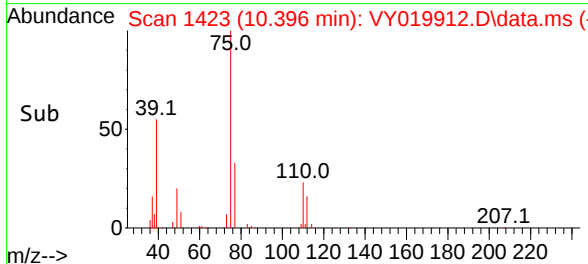
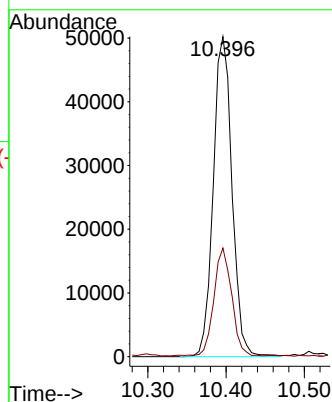
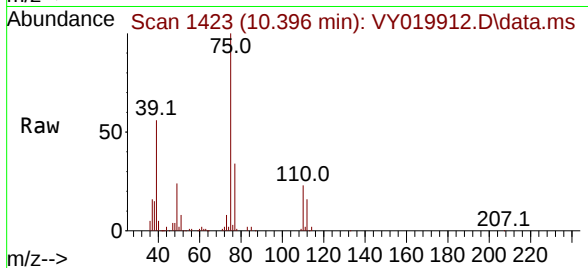




#53
 t-1,3-Dichloropropene
 Concen: 19.543 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY019912.D
 Acq: 16 Oct 2024 12:39

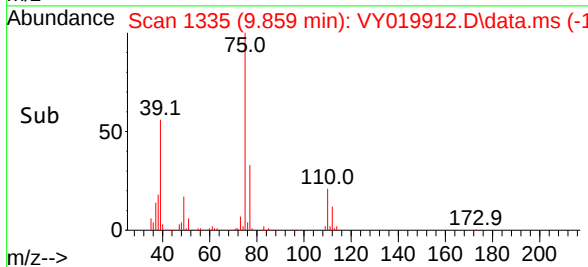
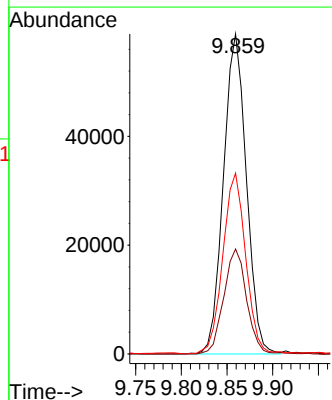
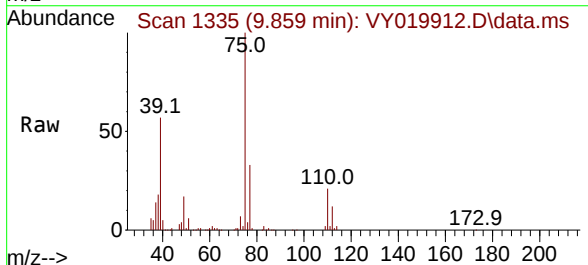
Instrument :
 MSVOA_Y
 ClientSampleId :

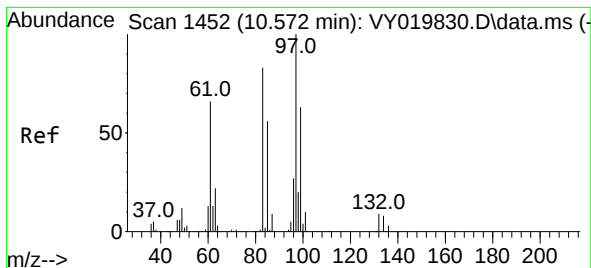
Tgt Ion: 75 Resp: 83458
 Ion Ratio Lower Upper
 75 100
 77 33.7 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 20.358 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY019912.D
 Acq: 16 Oct 2024 12:39

Tgt Ion: 75 Resp: 102584
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.0
 39 56.4 29.8 44.6#

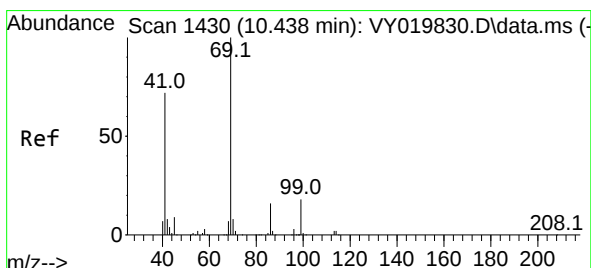
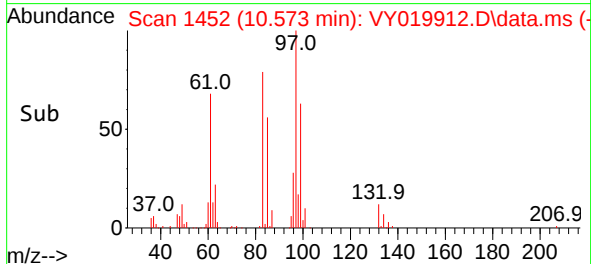
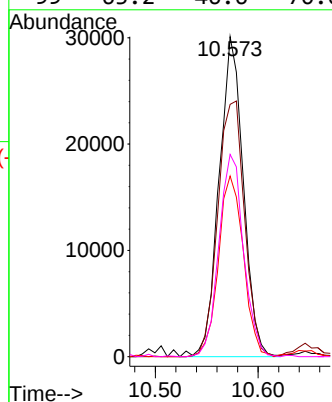
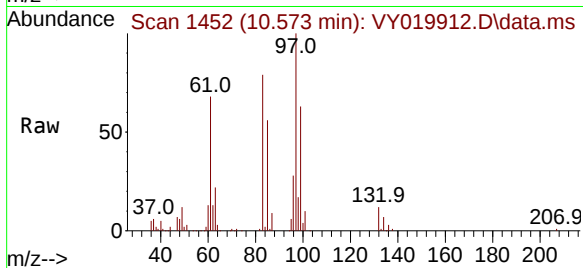




#55
1,1,2-Trichloroethane
Concen: 20.900 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

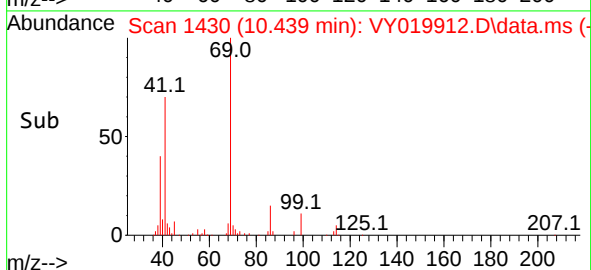
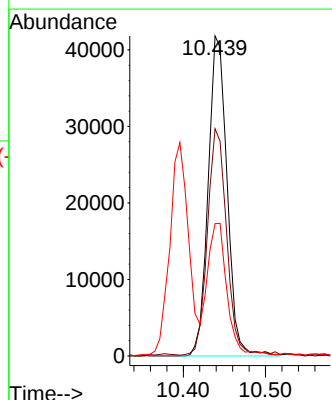
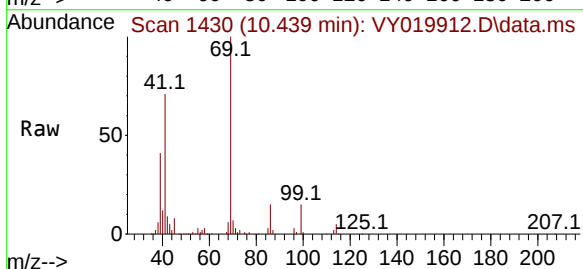
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 97	Resp: 49238
Ion Ratio	Lower Upper
97 100	
83 78.9	67.5 101.3
85 56.5	42.9 64.3
99 63.2	46.6 70.0



#56
Ethyl methacrylate
Concen: 19.763 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

Tgt Ion: 69	Resp: 66810		
Ion Ratio	Lower	Upper	
69 100			
41 72.0	42.3	63.5#	
39 41.7	22.9	34.3#	





#57

1,3-Dichloropropane

Concen: 20.795 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

Instrument :

MSVOA_Y

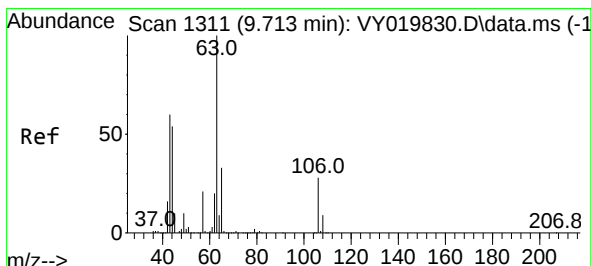
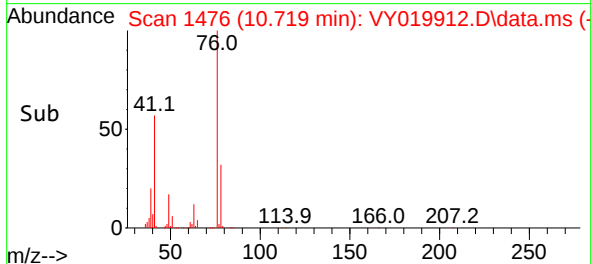
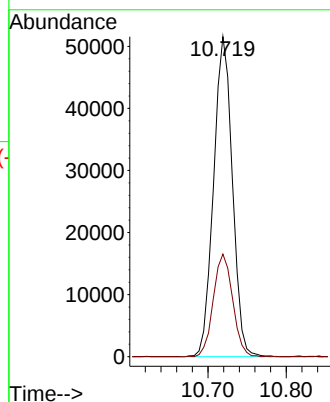
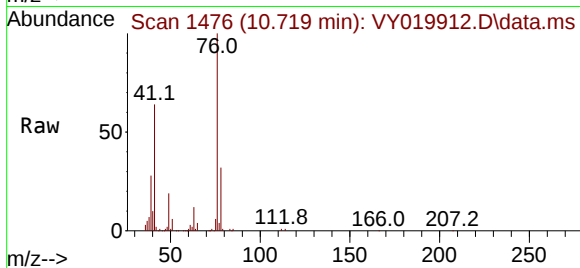
ClientSampleId :

Tgt Ion: 76 Resp: 86036

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 103.510 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019912.D

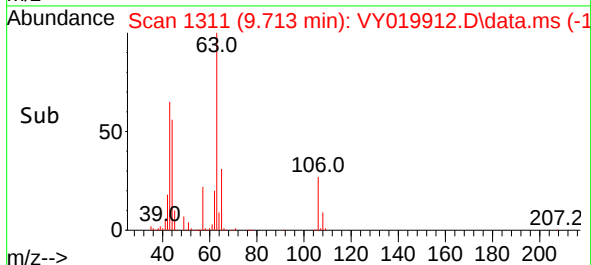
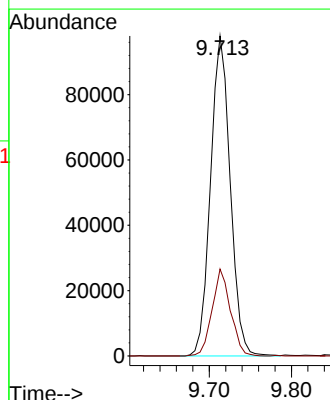
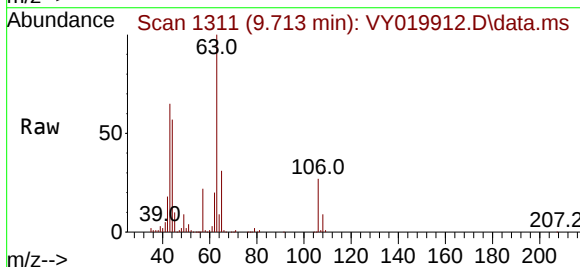
Acq: 16 Oct 2024 12:39

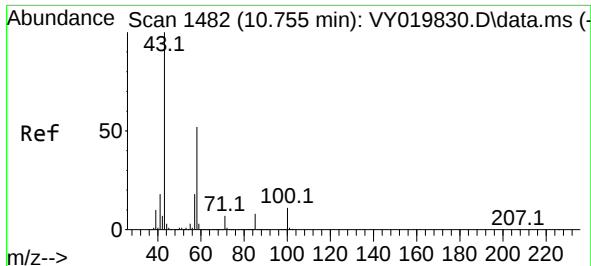
Tgt Ion: 63 Resp: 162897

Ion Ratio Lower Upper

63 100

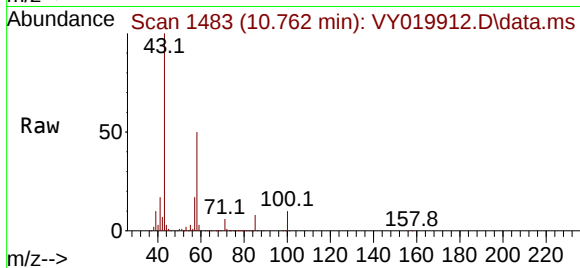
106 25.3 23.7 35.5



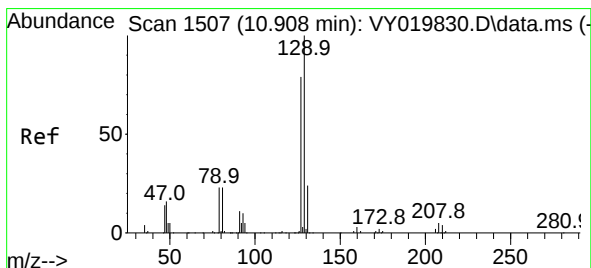
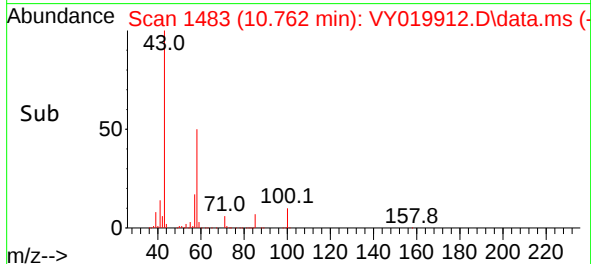
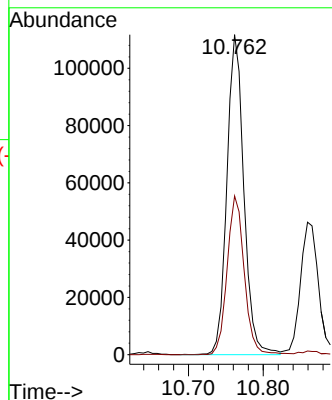


#59
2-Hexanone
Concen: 105.212 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

Instrument :
MSVOA_Y
ClientSampleId :

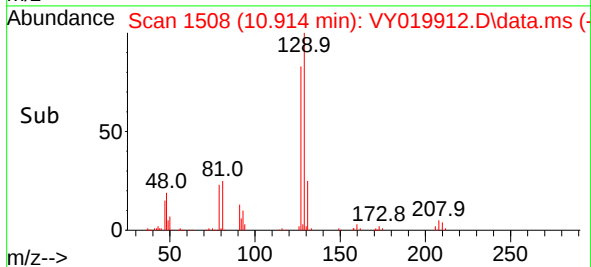
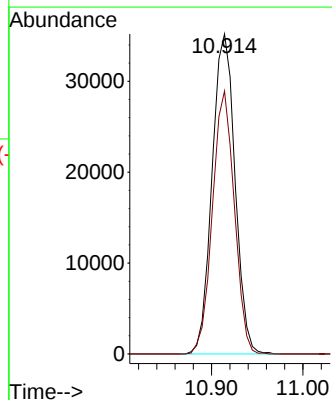
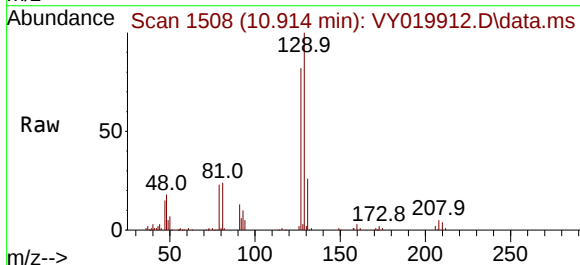


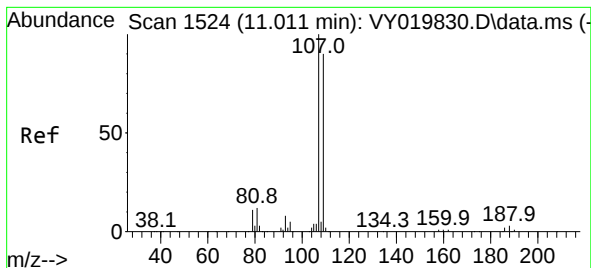
Tgt Ion: 43 Resp: 176111
Ion Ratio Lower Upper
43 100
58 50.2 31.4 94.0



#60
Dibromochloromethane
Concen: 20.264 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

Tgt Ion: 129 Resp: 61275
Ion Ratio Lower Upper
129 100
127 78.5 39.0 117.0





#61

1,2-Dibromoethane

Concen: 20.354 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

Instrument :

MSVOA_Y

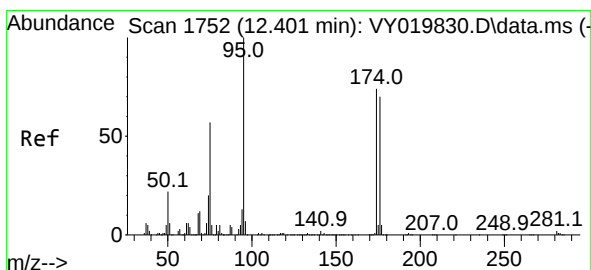
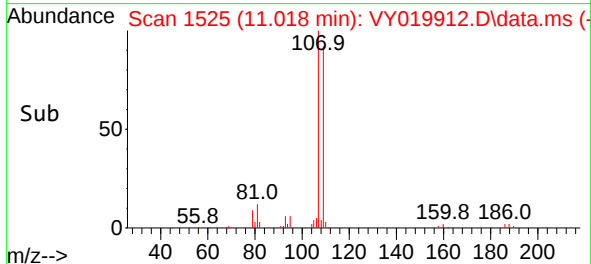
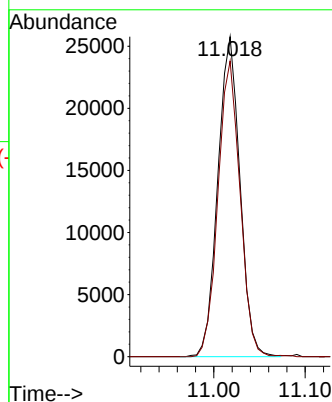
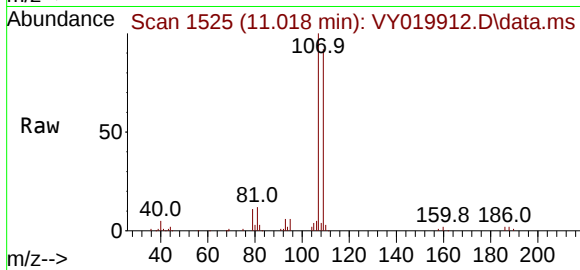
ClientSampleId :

Tgt Ion:107 Resp: 43333

Ion Ratio Lower Upper

107 100

109 92.0 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 54.535 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

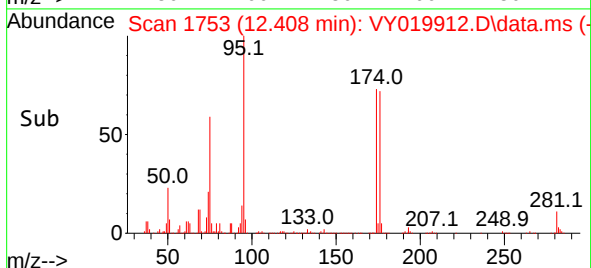
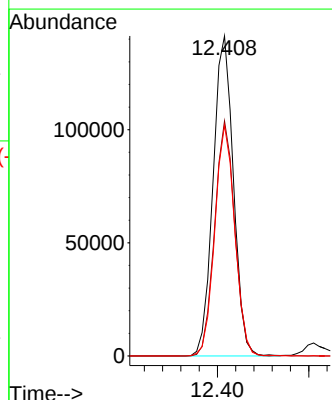
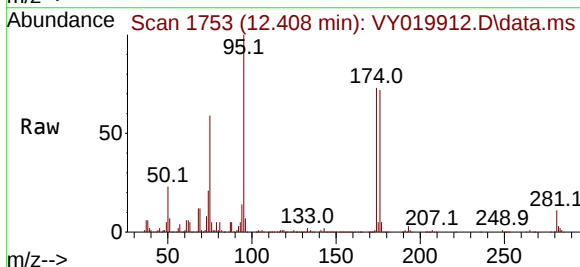
Tgt Ion: 95 Resp: 218236

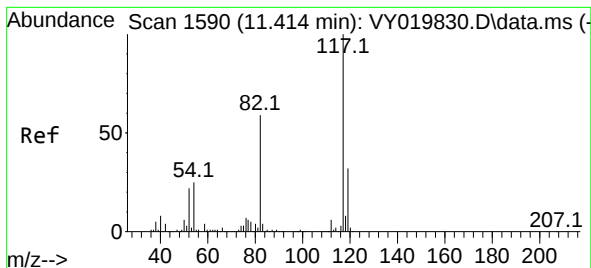
Ion Ratio Lower Upper

95 100

174 72.4 0.0 175.6

176 71.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

Instrument :

MSVOA_Y

ClientSampleId :

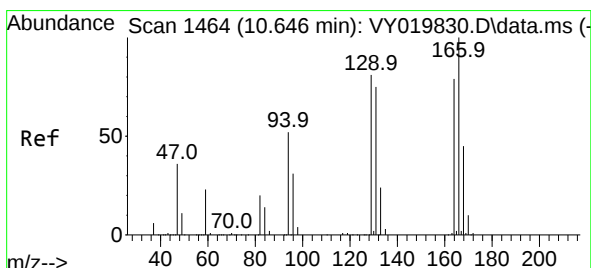
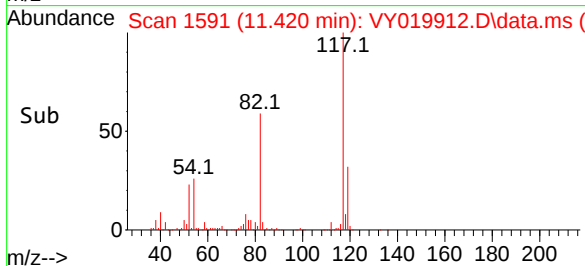
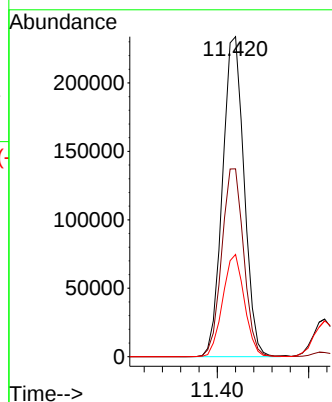
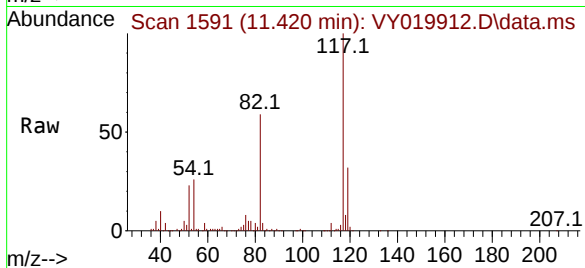
Tgt Ion:117 Resp: 383177

Ion Ratio Lower Upper

117 100

82 58.7 42.4 63.6

119 32.0 25.9 38.9



#64

Tetrachloroethene

Concen: 20.030 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

Tgt Ion:164 Resp: 54591

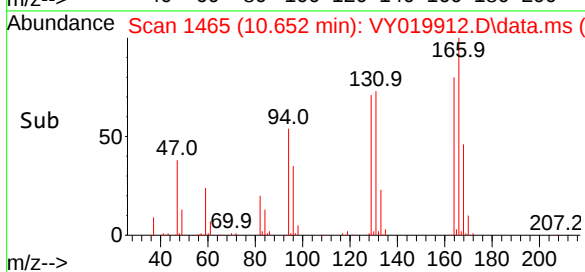
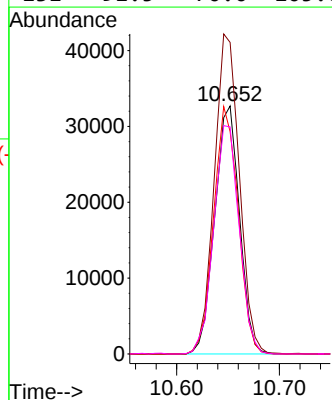
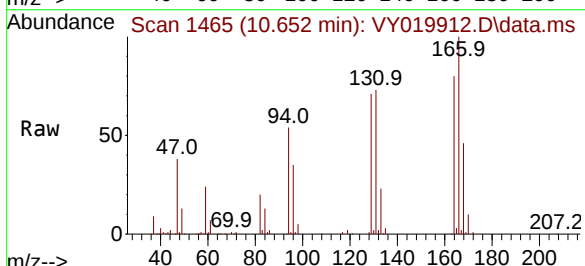
Ion Ratio Lower Upper

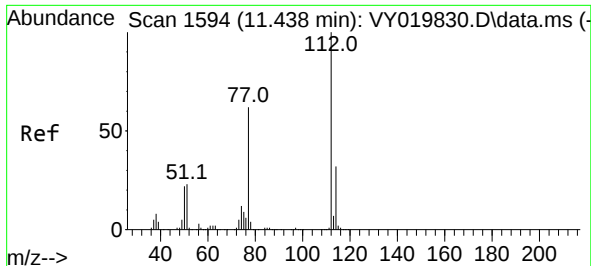
164 100

166 125.6 102.6 154.0

129 89.6 72.0 108.0

131 91.5 70.0 105.0

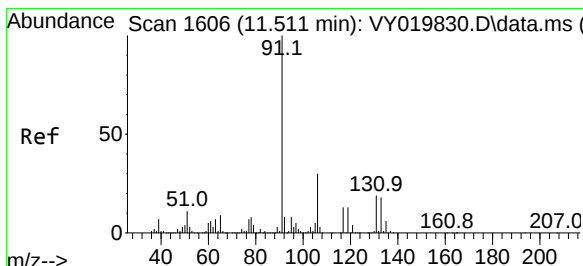
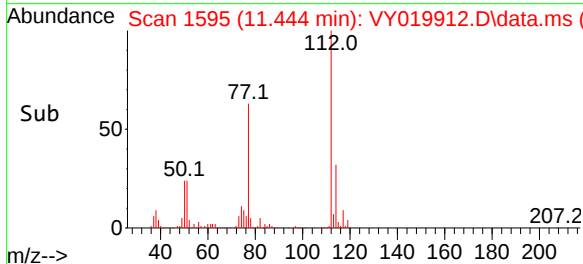
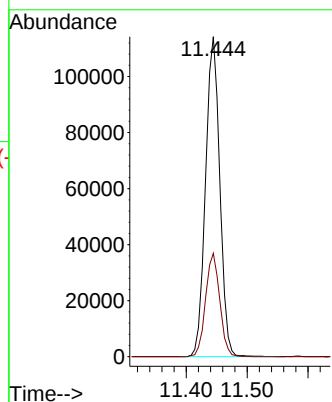
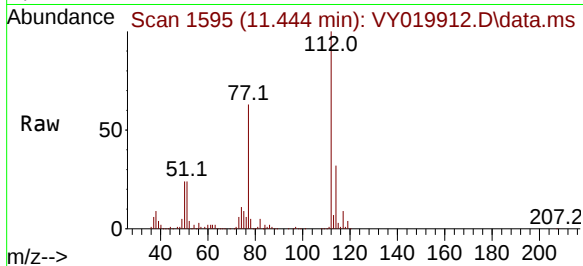




#65
Chlorobenzene
Concen: 21.171 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

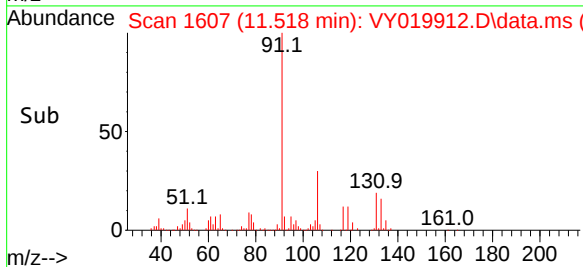
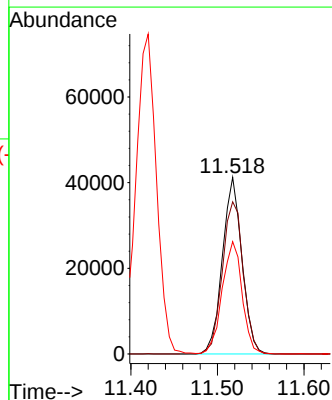
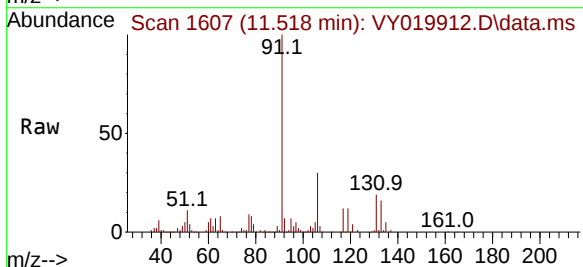
Instrument :
MSVOA_Y
ClientSampleId :

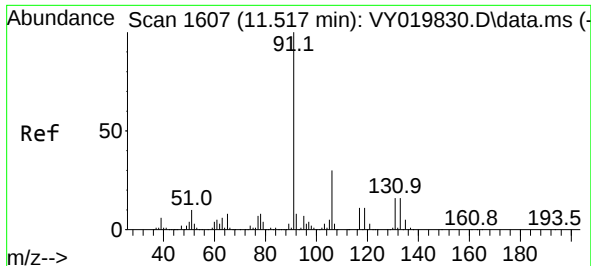
Tgt Ion:112 Resp: 185547
Ion Ratio Lower Upper
112 100
114 32.3 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.811 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

Tgt Ion:131 Resp: 64675
Ion Ratio Lower Upper
131 100
133 92.1 47.8 143.3
119 65.0 34.1 102.2

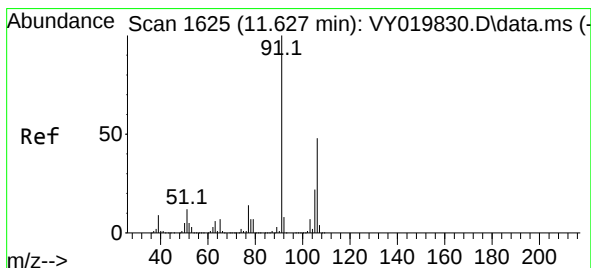
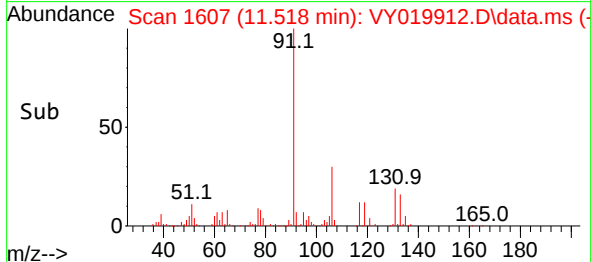
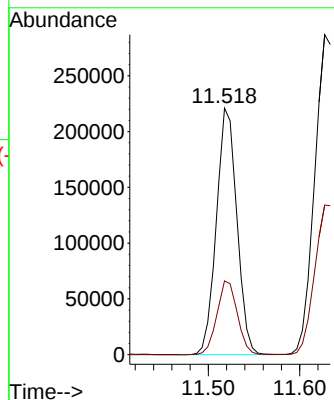
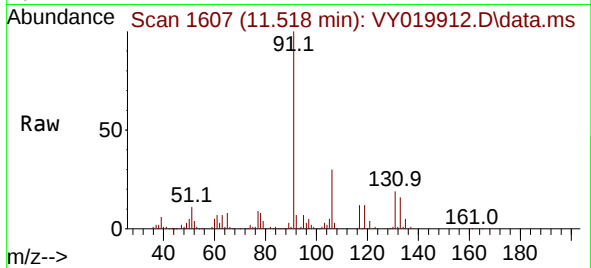




#67
Ethyl Benzene
Concen: 21.689 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

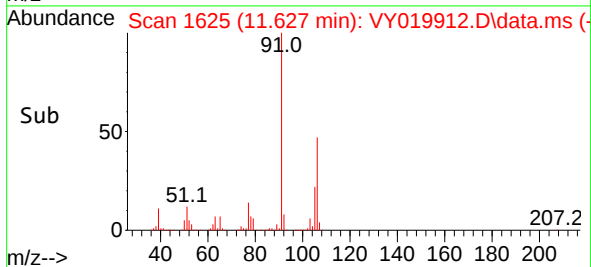
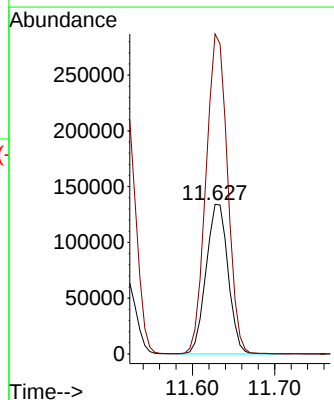
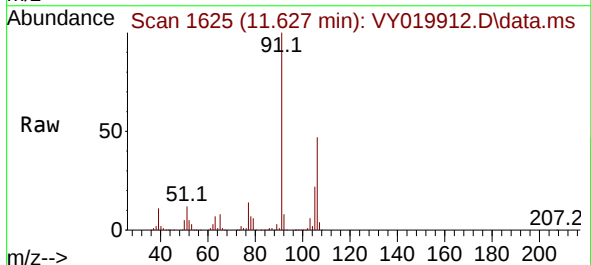
Instrument :
MSVOA_Y
ClientSampleId :

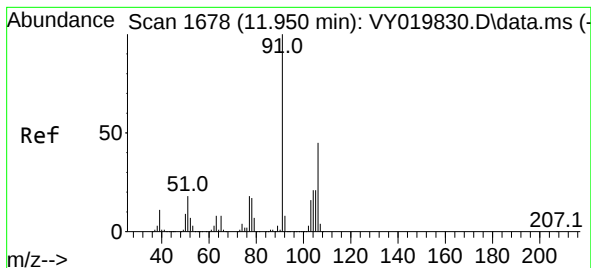
Tgt Ion: 91 Resp: 345302
Ion Ratio Lower Upper
91 100
106 29.9 24.5 36.7



#68
m/p-Xylenes
Concen: 42.495 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

Tgt Ion: 106 Resp: 249860
Ion Ratio Lower Upper
106 100
91 209.2 156.0 234.0





#69

o-Xylene

Concen: 21.323 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

Instrument :

MSVOA_Y

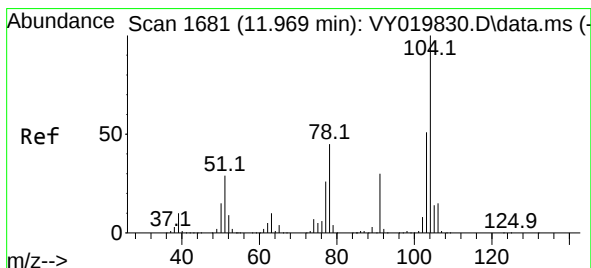
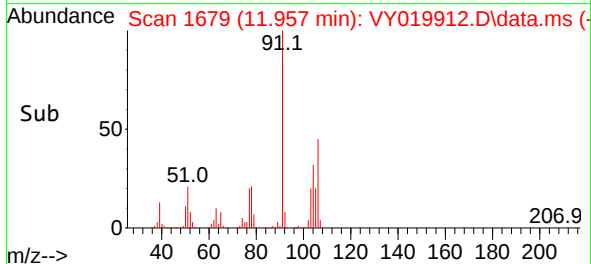
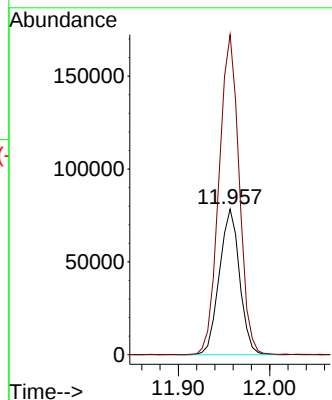
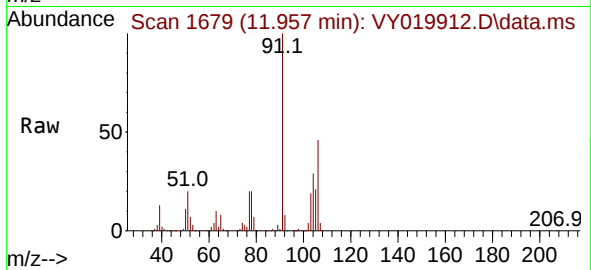
ClientSampleId :

Tgt Ion:106 Resp: 120458

Ion Ratio Lower Upper

106 100

91 219.9 103.6 310.8



#70

Styrene

Concen: 21.339 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

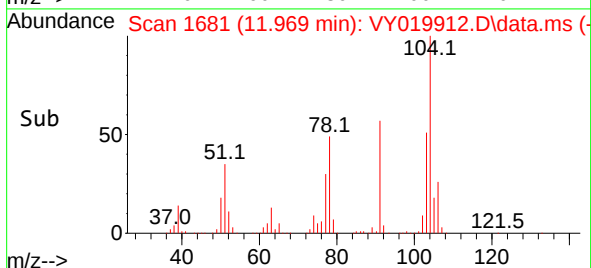
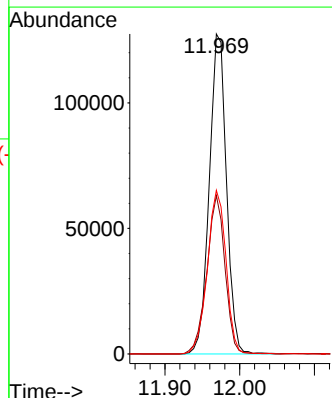
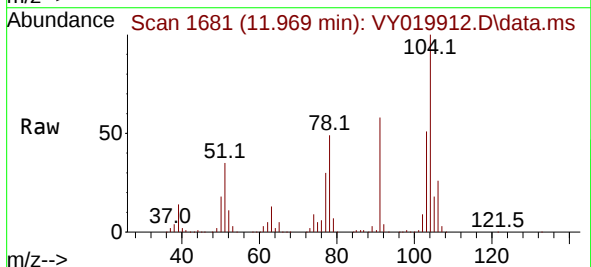
Tgt Ion:104 Resp: 203391

Ion Ratio Lower Upper

104 100

78 52.5 37.0 55.4

103 55.6 44.2 66.2





#71

Bromoform

Concen: 19.450 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

Instrument :

MSVOA_Y

ClientSampleId :

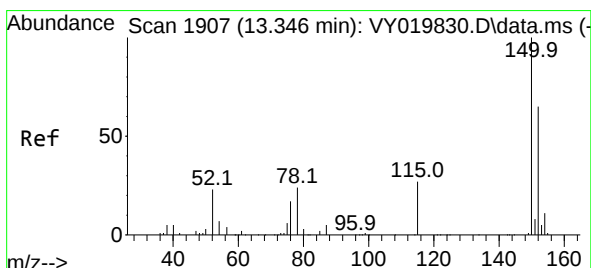
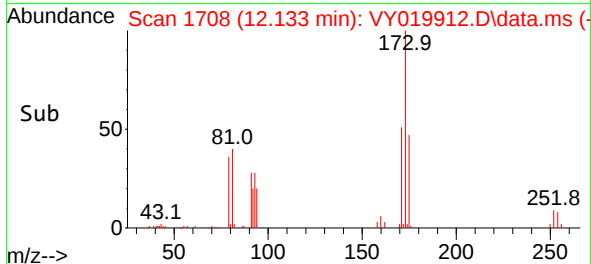
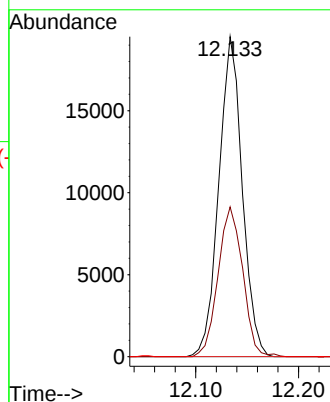
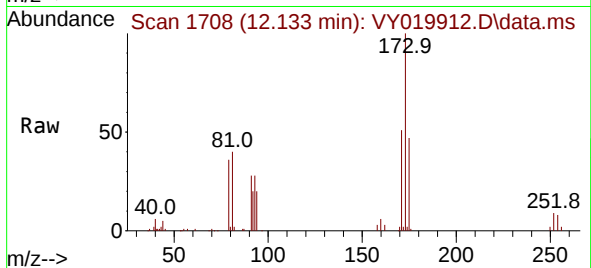
Tgt Ion:173 Resp: 30875

Ion Ratio Lower Upper

173 100

175 49.1 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

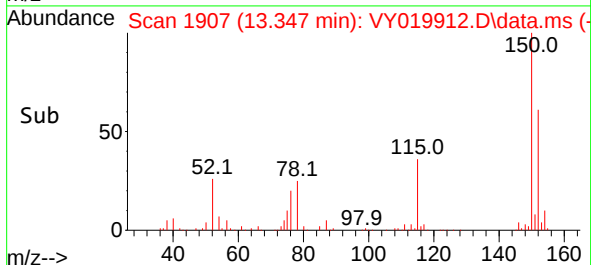
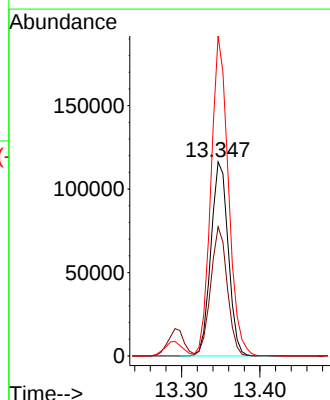
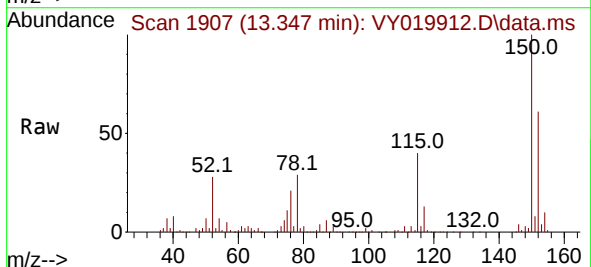
Tgt Ion:152 Resp: 178269

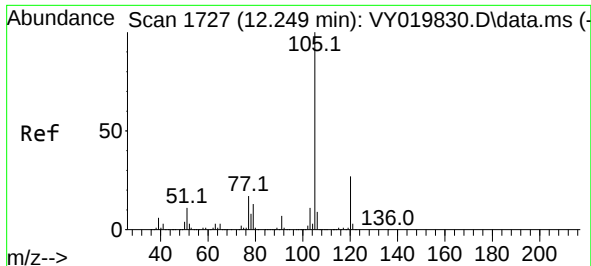
Ion Ratio Lower Upper

152 100

115 63.9 28.2 84.7

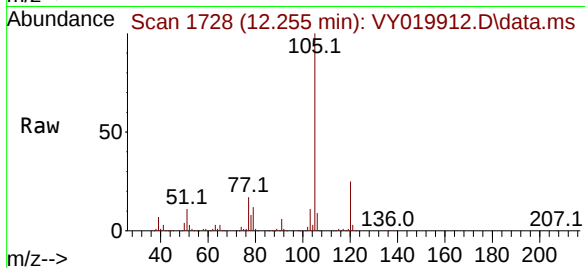
150 166.1 0.0 345.6



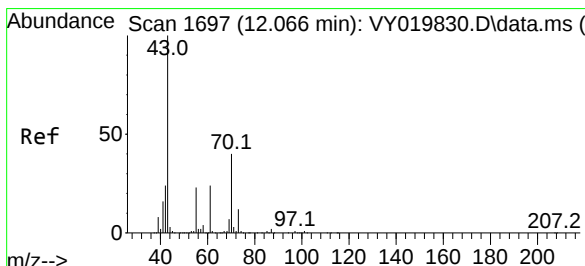
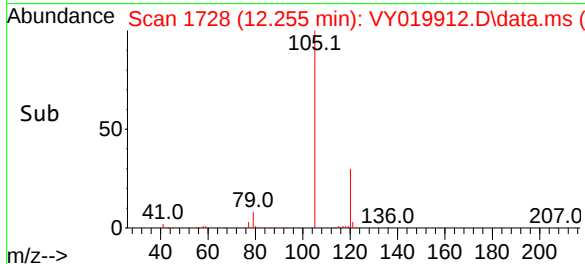
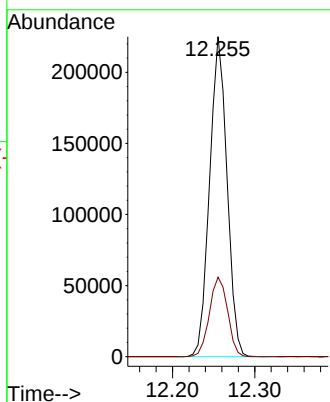


#73
Isopropylbenzene
Concen: 22.083 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

Instrument :
MSVOA_Y
ClientSampleId :

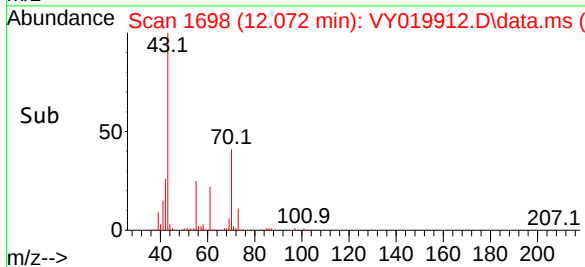
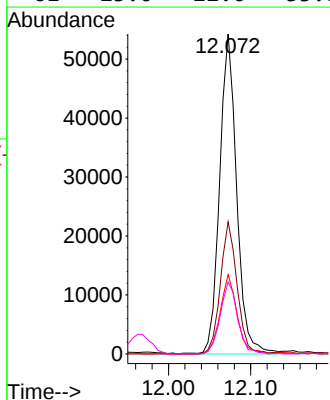
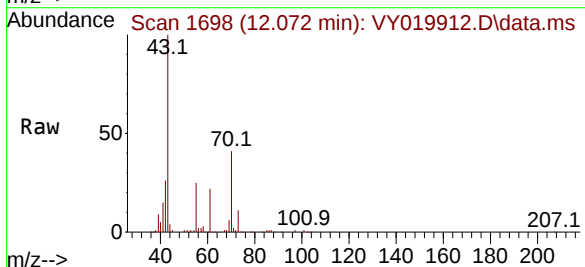


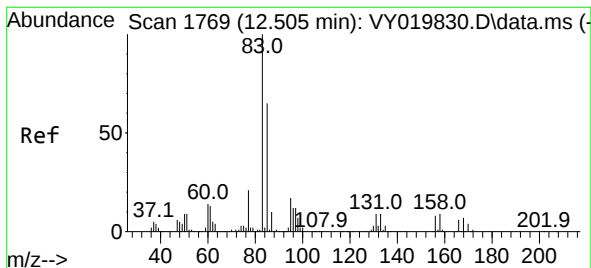
Tgt Ion:105 Resp: 331125
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1



#74
N-ethyl acetate
Concen: 19.715 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

Tgt Ion: 43 Resp: 78298
Ion Ratio Lower Upper
43 100
70 40.9 41.4 62.2#
55 24.6 23.3 34.9
61 23.0 22.6 33.8





#75

1,1,2-Tetrachloroethane

Concen: 21.427 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

Instrument :

MSVOA_Y

ClientSampleId :

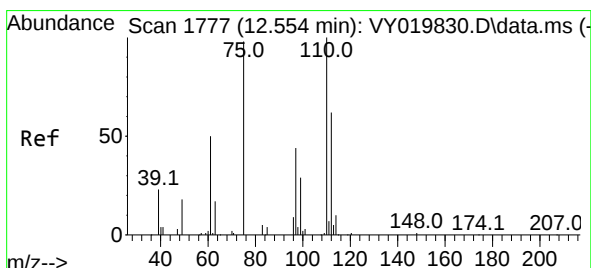
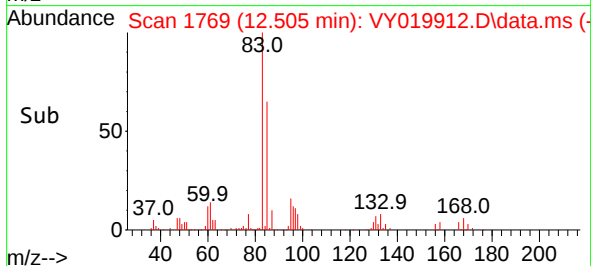
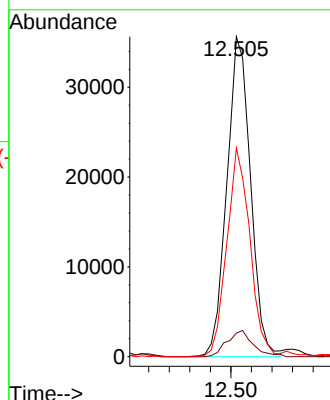
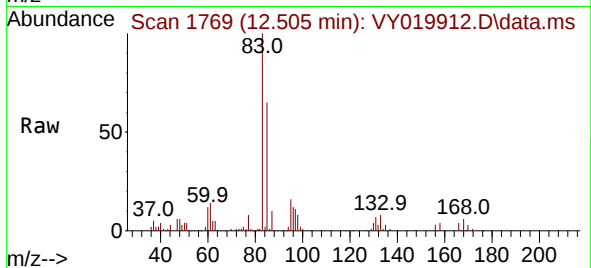
Tgt Ion: 83 Resp: 57090

Ion Ratio Lower Upper

83 100

131 8.9 5.0 14.9

85 63.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 20.261 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY019912.D

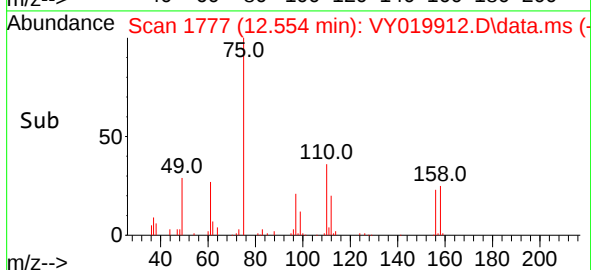
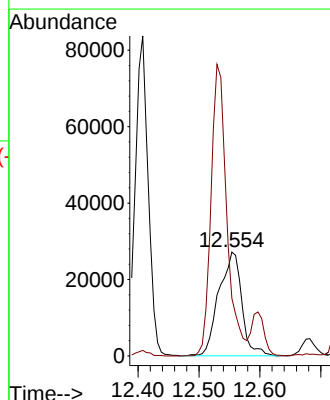
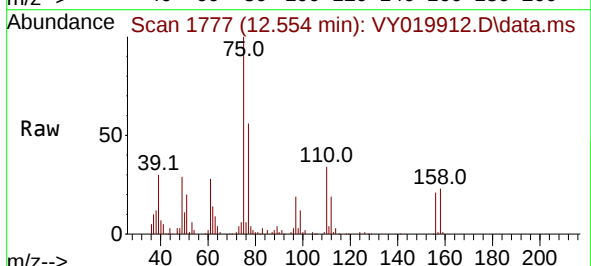
Acq: 16 Oct 2024 12:39

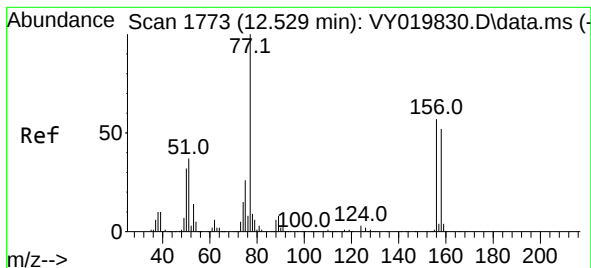
Tgt Ion: 75 Resp: 70756

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.521 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

Instrument :

MSVOA_Y

ClientSampleId :

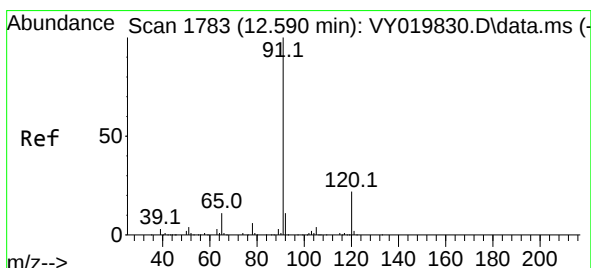
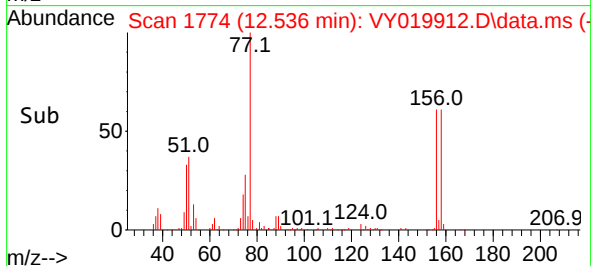
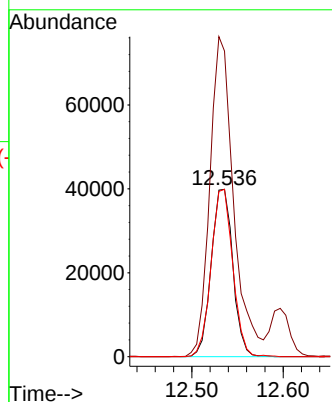
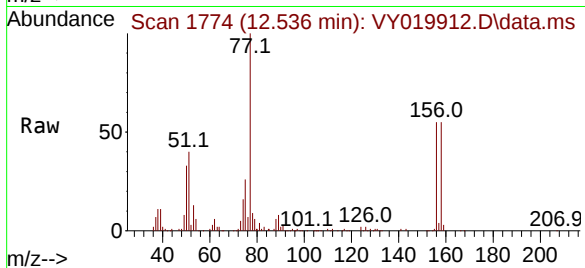
Tgt Ion:156 Resp: 65298

Ion Ratio Lower Upper

156 100

77 211.2 87.1 261.3

158 100.6 48.6 145.9



#78

n-propylbenzene

Concen: 23.001 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019912.D

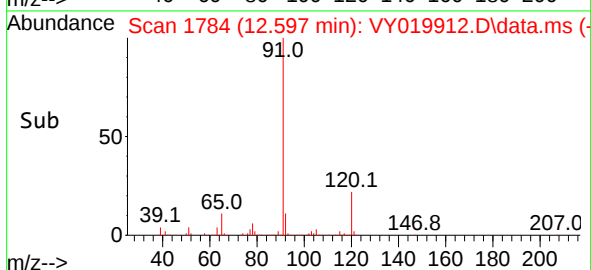
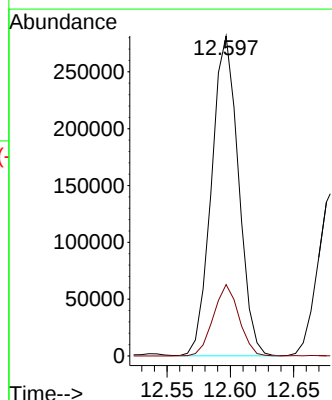
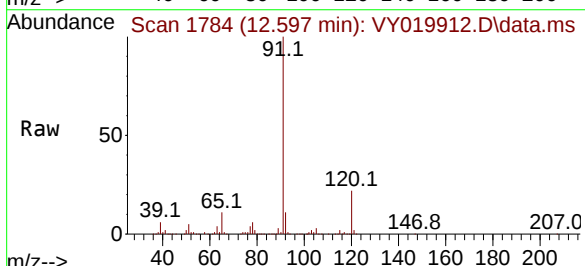
Acq: 16 Oct 2024 12:39

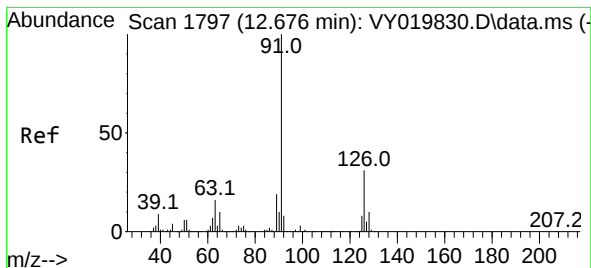
Tgt Ion: 91 Resp: 416740

Ion Ratio Lower Upper

91 100

120 21.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 22.009 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

Instrument :

MSVOA_Y

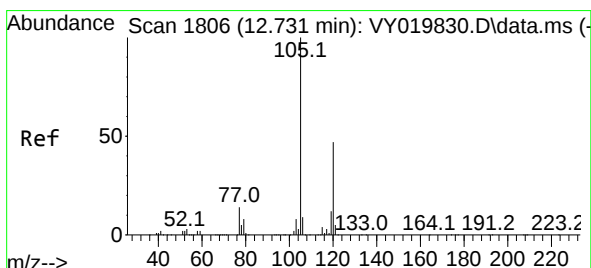
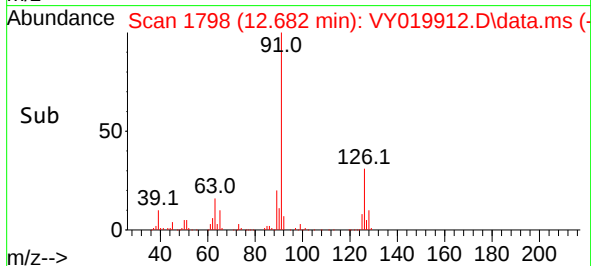
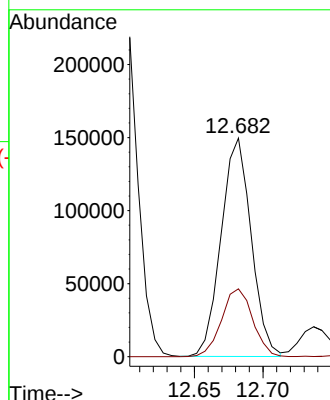
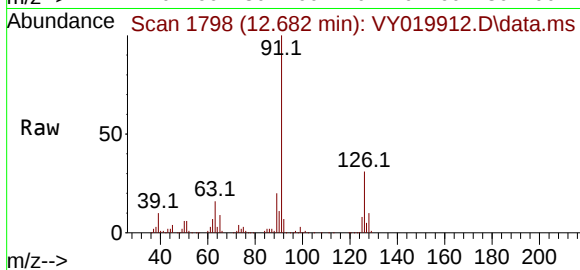
ClientSampleId :

Tgt Ion: 91 Resp: 228613

Ion Ratio Lower Upper

91 100

126 32.2 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 22.129 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019912.D

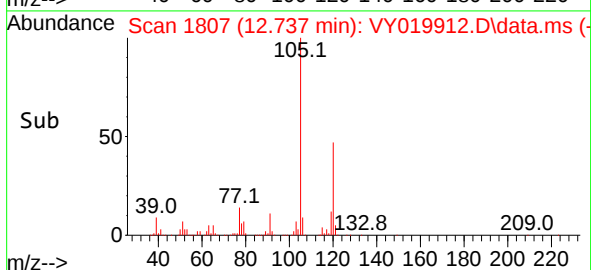
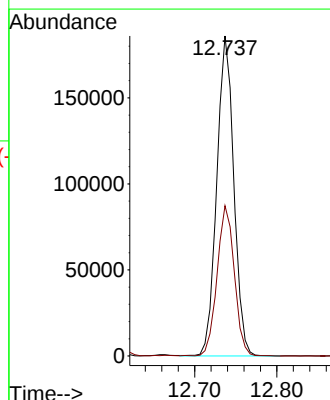
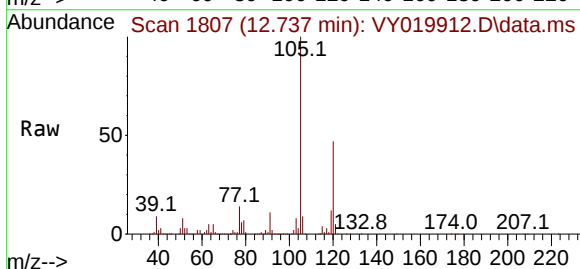
Acq: 16 Oct 2024 12:39

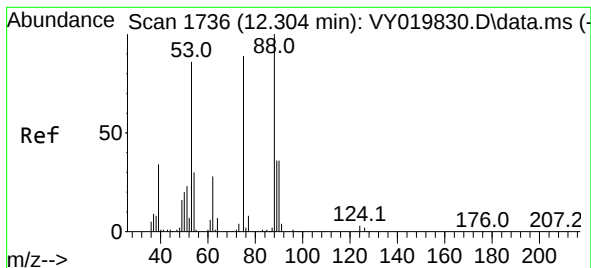
Tgt Ion:105 Resp: 267972

Ion Ratio Lower Upper

105 100

120 47.5 25.1 75.2

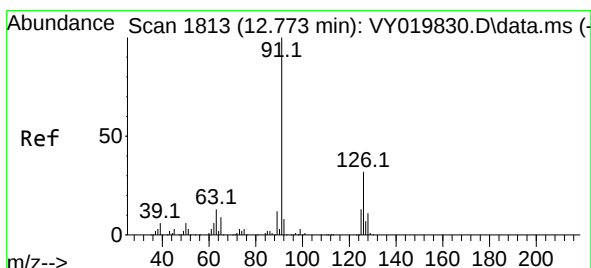
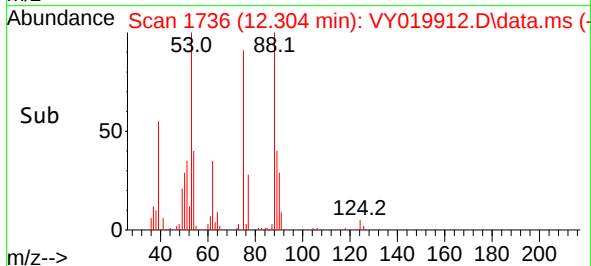
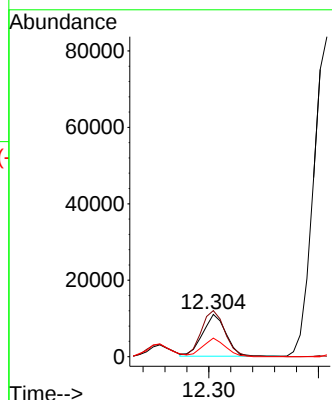
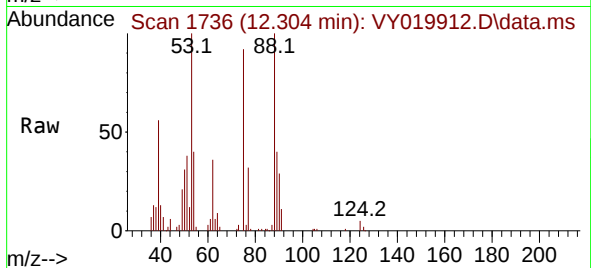




#81
trans-1,4-Dichloro-2-butene
Concen: 18.532 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

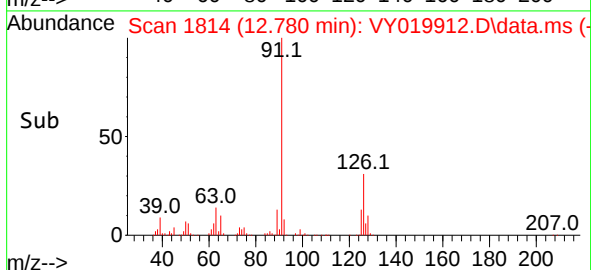
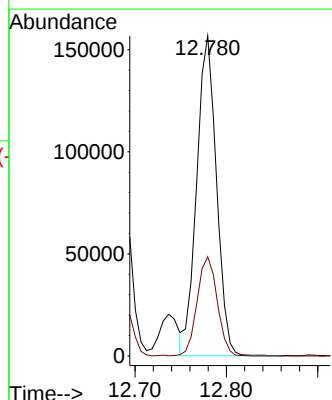
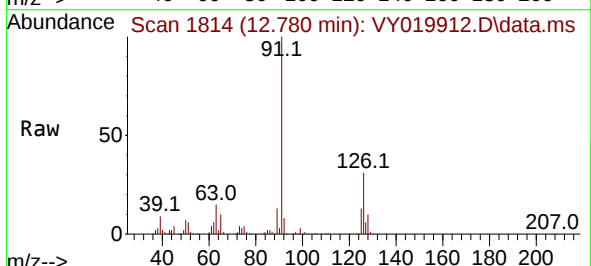
Instrument :
MSVOA_Y
ClientSampleId :

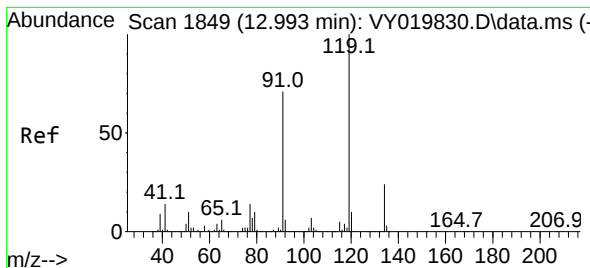
Tgt Ion: 75 Resp: 16034
Ion Ratio Lower Upper
75 100
53 113.4 66.8 100.2#
89 43.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 22.190 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019912.D
Acq: 16 Oct 2024 12:39

Tgt Ion: 91 Resp: 235680
Ion Ratio Lower Upper
91 100
126 31.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 22.420 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

Instrument :

MSVOA_Y

ClientSampleId :

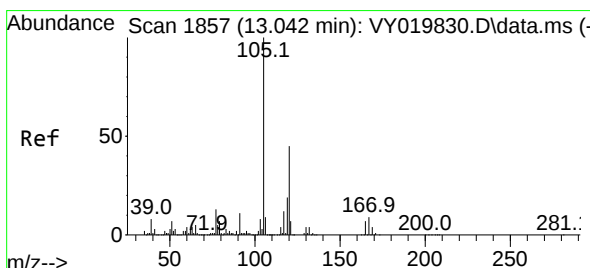
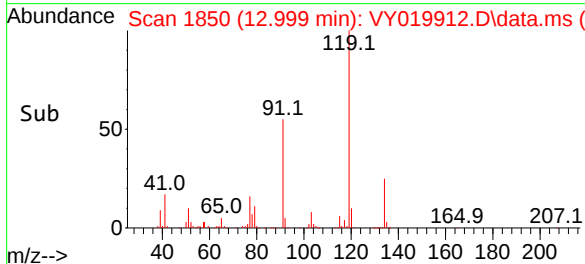
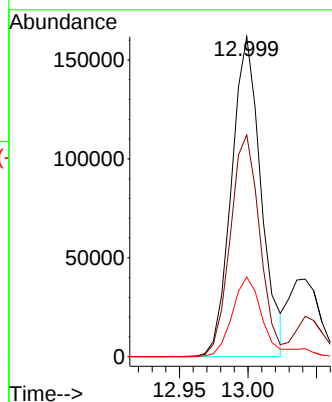
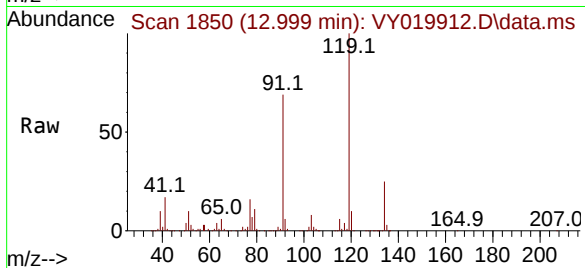
Tgt Ion:119 Resp: 243221

Ion Ratio Lower Upper

119 100

91 69.0 31.3 93.8

134 26.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 22.130 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019912.D

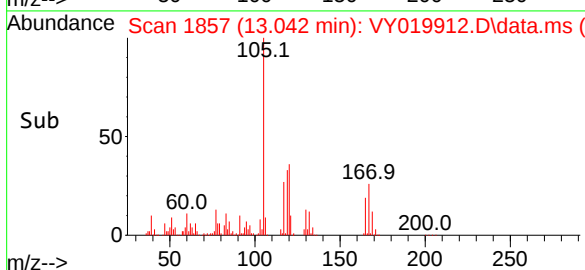
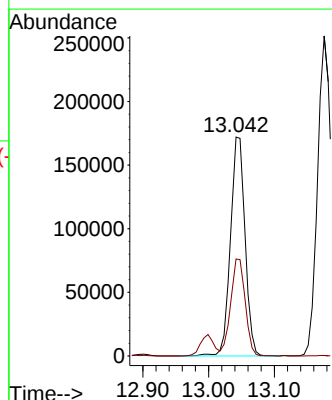
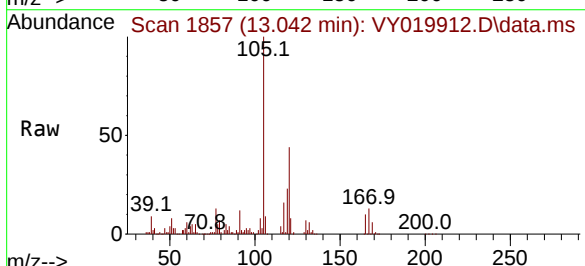
Acq: 16 Oct 2024 12:39

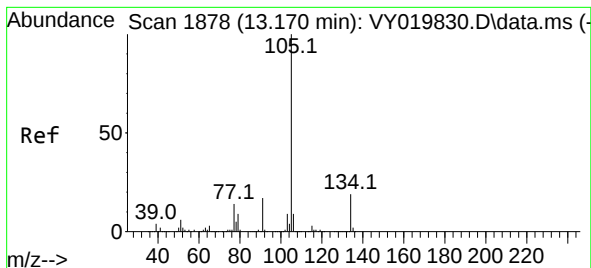
Tgt Ion:105 Resp: 265689

Ion Ratio Lower Upper

105 100

120 44.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 23.114 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

Instrument :

MSVOA_Y

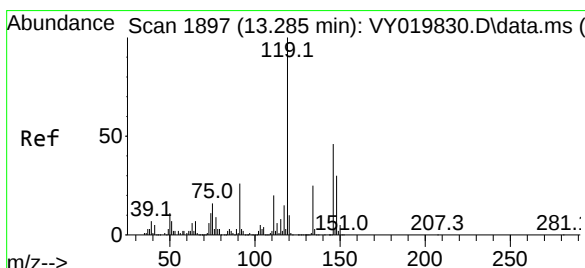
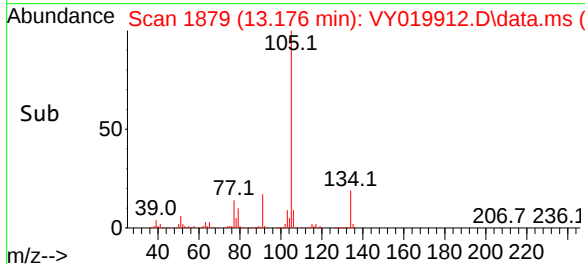
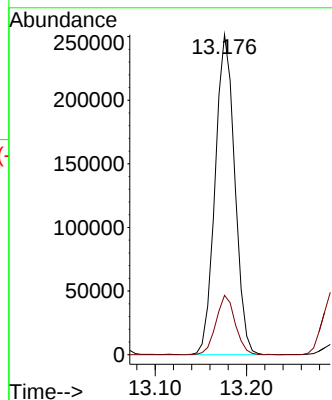
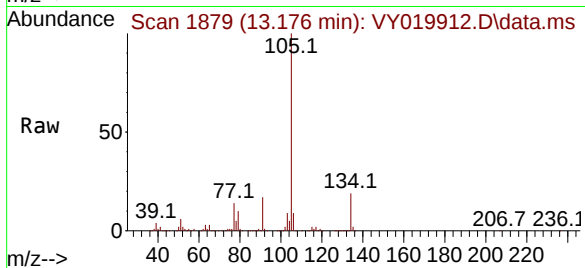
ClientSampleId :

Tgt Ion:105 Resp: 374645

Ion Ratio Lower Upper

105 100

134 18.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 22.502 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

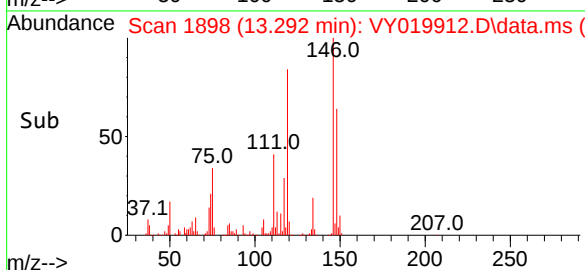
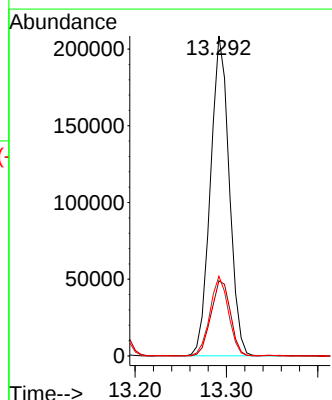
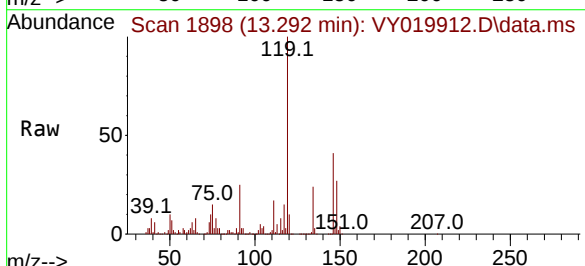
Tgt Ion:119 Resp: 296159

Ion Ratio Lower Upper

119 100

134 24.5 13.1 39.3

91 24.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 21.310 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

Instrument :

MSVOA_Y

ClientSampleId :

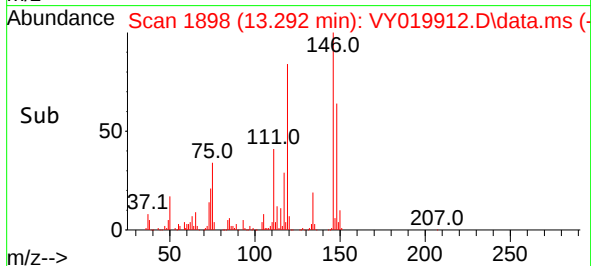
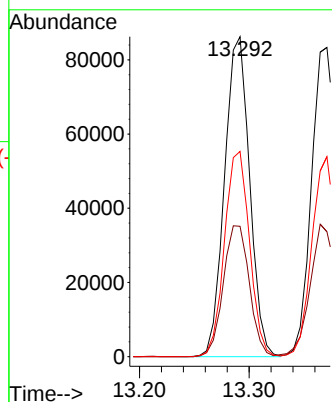
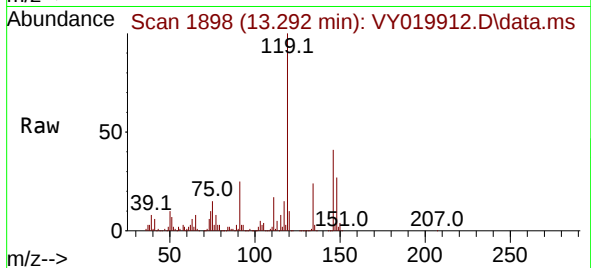
Tgt Ion:146 Resp: 136934

Ion Ratio Lower Upper

146 100

111 42.5 19.0 57.0

148 64.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 21.392 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

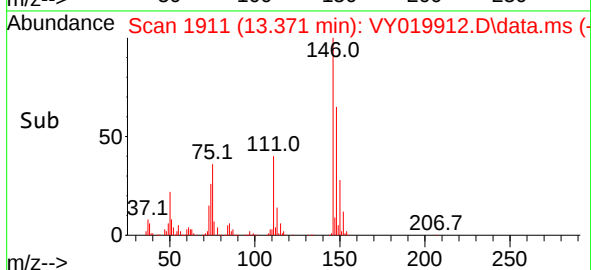
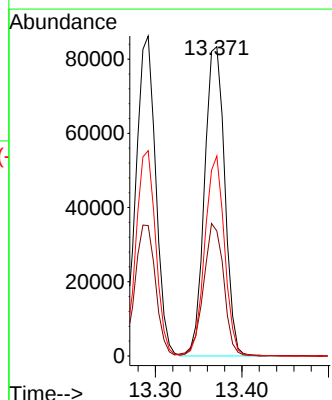
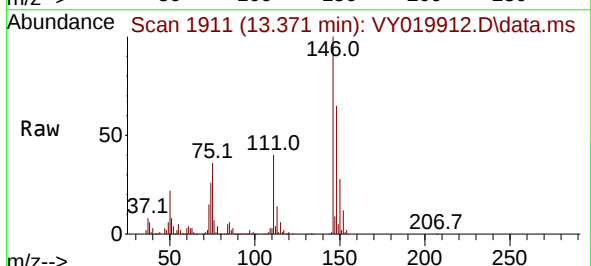
Tgt Ion:146 Resp: 135044

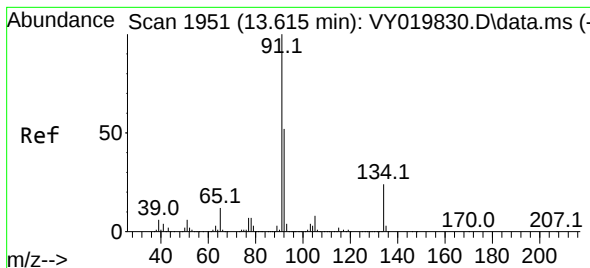
Ion Ratio Lower Upper

146 100

111 43.0 18.4 55.4

148 62.9 32.4 97.2





#89

n-Butylbenzene

Concen: 23.077 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

Instrument :

MSVOA_Y

ClientSampleId :

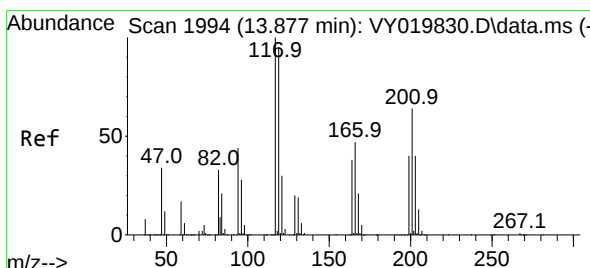
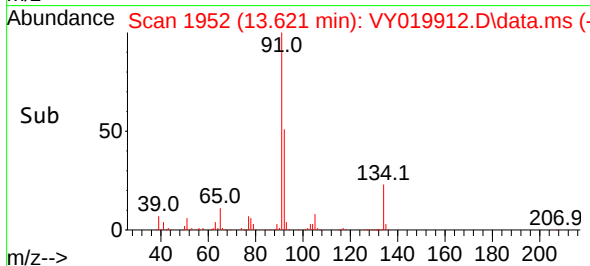
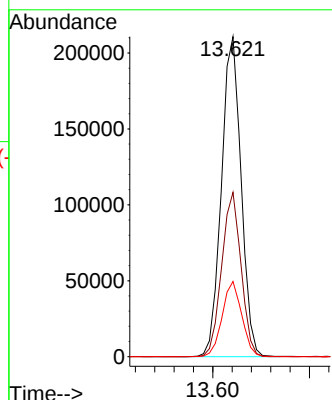
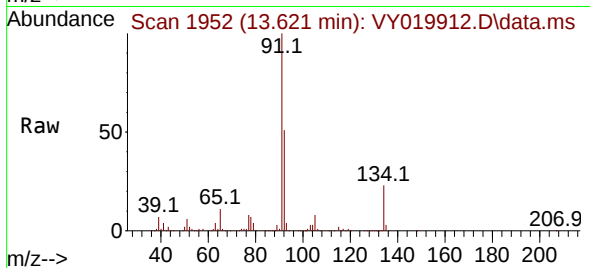
Tgt Ion: 91 Resp: 296581

Ion Ratio Lower Upper

91 100

92 50.7 26.6 79.7

134 23.4 12.9 38.7



#90

Hexachloroethane

Concen: 22.153 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY019912.D

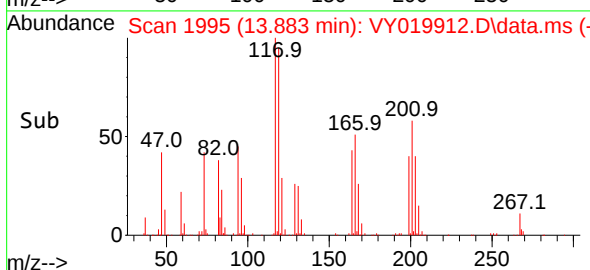
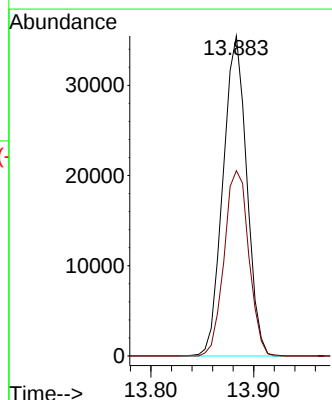
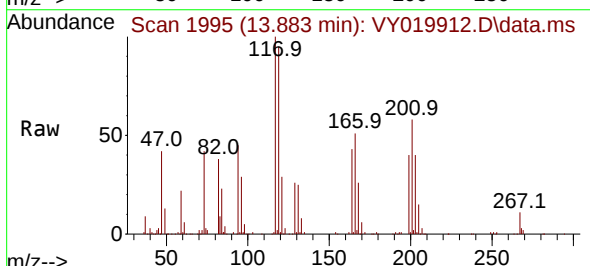
Acq: 16 Oct 2024 12:39

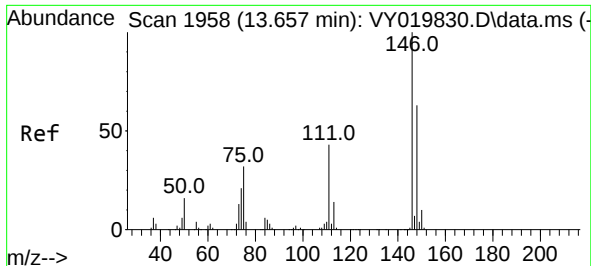
Tgt Ion: 117 Resp: 56775

Ion Ratio Lower Upper

117 100

201 60.3 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 20.932 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

Instrument :

MSVOA_Y

ClientSampleId :

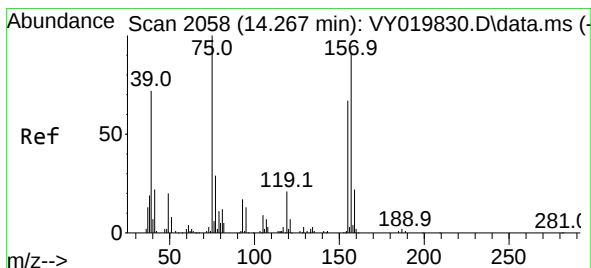
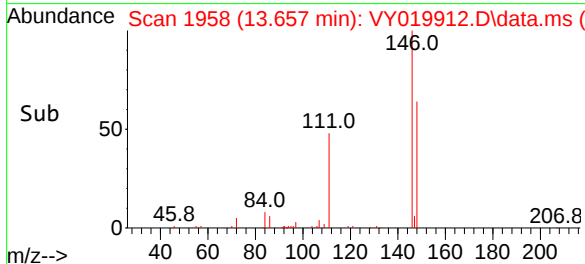
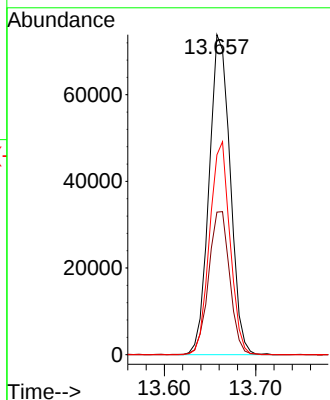
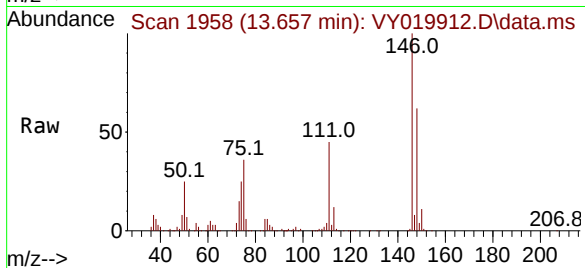
Tgt Ion:146 Resp: 118183

Ion Ratio Lower Upper

146 100

111 44.9 19.9 59.7

148 64.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.145 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

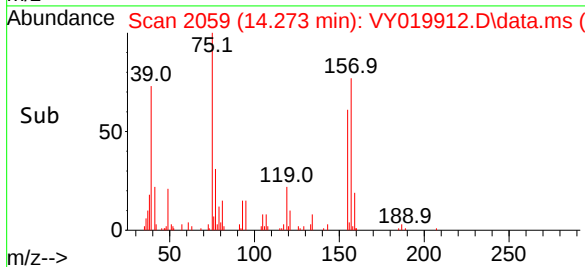
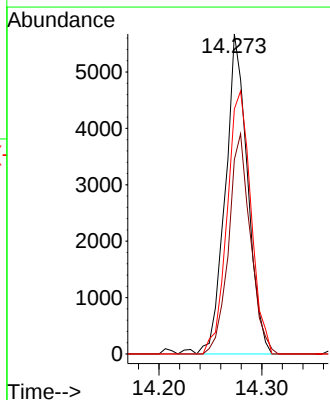
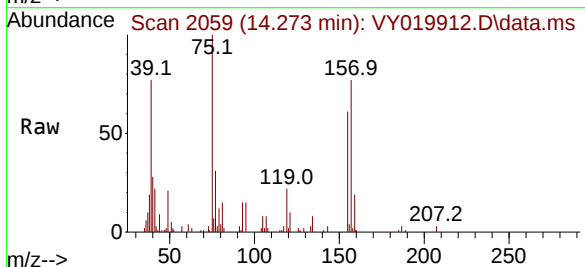
Tgt Ion: 75 Resp: 8566

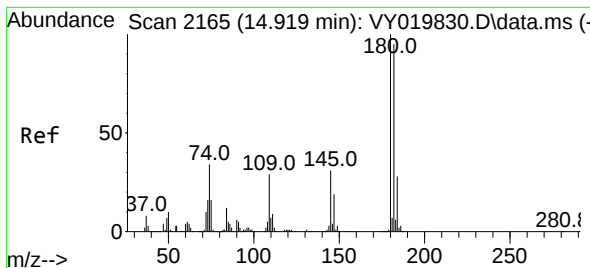
Ion Ratio Lower Upper

75 100

155 67.1 48.6 145.8

157 87.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.594 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.007 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

Instrument :

MSVOA_Y

ClientSampleId :

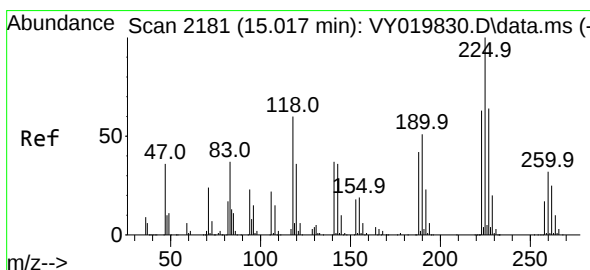
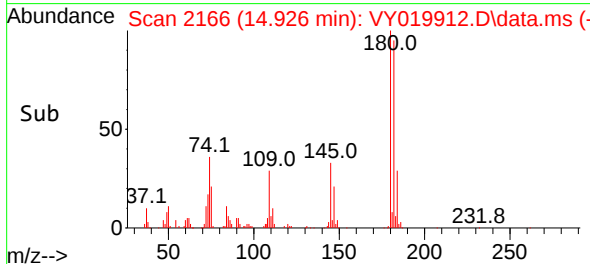
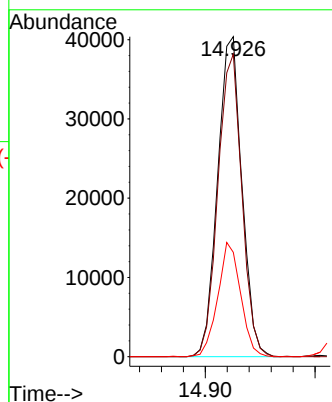
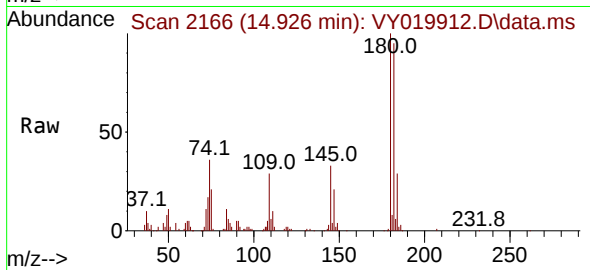
Tgt Ion:180 Resp: 62033

Ion Ratio Lower Upper

180 100

182 93.4 47.9 143.8

145 33.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.139 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

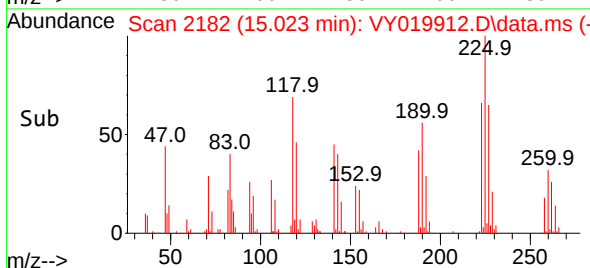
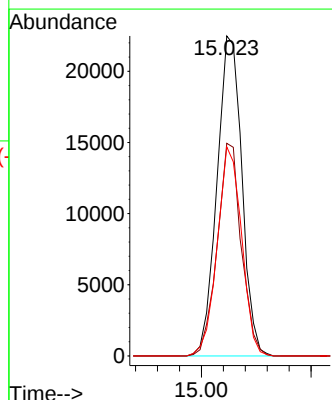
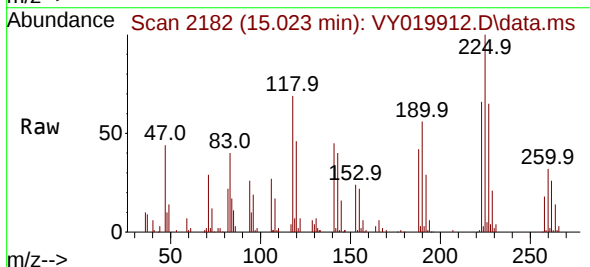
Tgt Ion:225 Resp: 35448

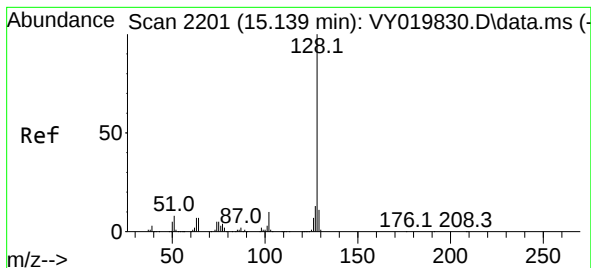
Ion Ratio Lower Upper

225 100

223 64.4 30.4 91.2

227 64.0 31.9 95.9





#95

Naphthalene

Concen: 18.302 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

Instrument :

MSVOA_Y

ClientSampleId :

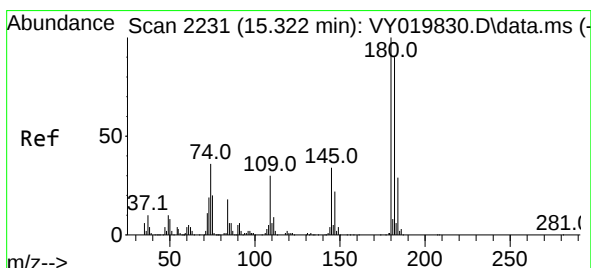
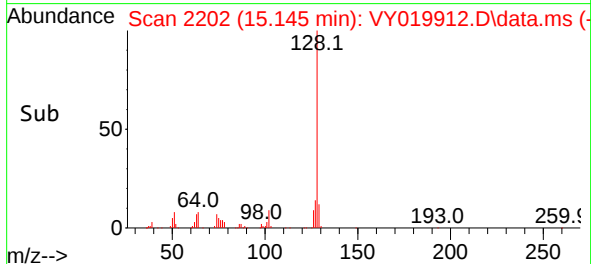
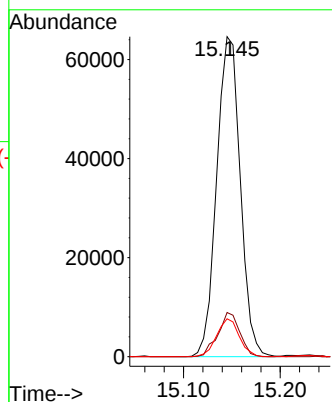
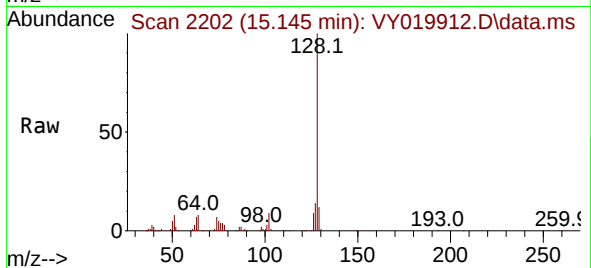
Tgt Ion:128 Resp: 109285

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.141 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019912.D

Acq: 16 Oct 2024 12:39

Tgt Ion:180 Resp: 51227

Ion Ratio Lower Upper

180 100

182 95.6 47.6 142.9

145 34.6 15.4 46.1

