

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
 Data File : VY020198.D
 Acq On : 07 Nov 2024 11:50
 Operator : SY/MD
 Sample : VY1107SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 08 00:25:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	202685	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	361864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	315230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	144996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	133725	52.863	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.720%	
35) Dibromofluoromethane	7.634	113	121035	52.608	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.220%	
50) Toluene-d8	10.109	98	475219	51.891	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.780%	
62) 4-Bromofluorobenzene	12.408	95	155407	52.244	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 104.480%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	34735	18.513	ug/l	97
3) Chloromethane	2.068	50	64586	20.782	ug/l	99
4) Vinyl Chloride	2.202	62	71243	21.354	ug/l	96
5) Bromomethane	2.592	94	49246	22.233	ug/l	96
6) Chloroethane	2.739	64	49196	22.848	ug/l	95
7) Trichlorofluoromethane	3.056	101	89161	21.876	ug/l	96
8) Diethyl Ether	3.458	74	23671	20.823	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.818	101	49116	21.485	ug/l	91
10) Methyl Iodide	4.007	142	41275	18.701	ug/l	# 89
11) Tert butyl alcohol	4.860	59	20451	112.394	ug/l	# 82
12) 1,1-Dichloroethene	3.793	96	46163	21.106	ug/l	83
13) Acrolein	3.653	56	18892	83.405	ug/l	97
14) Allyl chloride	4.385	41	80521	20.405	ug/l	# 88
15) Acrylonitrile	5.061	53	57158	110.462	ug/l	# 90
16) Acetone	3.879	43	60391	102.657	ug/l	# 84
17) Carbon Disulfide	4.104	76	142287	19.548	ug/l	99
18) Methyl Acetate	4.385	43	30893	22.382	ug/l	# 88
19) Methyl tert-butyl Ether	5.122	73	118190	21.479	ug/l	100
20) Methylene Chloride	4.616	84	53602	20.283	ug/l	# 80
21) trans-1,2-Dichloroethene	5.122	96	51906	21.043	ug/l	95
22) Diisopropyl ether	6.019	45	181719	22.191	ug/l	# 88
23) Vinyl Acetate	5.964	43	489510	106.218	ug/l	# 91
24) 1,1-Dichloroethane	5.915	63	99936	21.076	ug/l	96
25) 2-Butanone	6.902	43	85641	107.395	ug/l	# 86
26) 2,2-Dichloropropane	6.884	77	81671	20.701	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	59500	20.983	ug/l	83
28) Bromochloromethane	7.244	49	46048	20.739	ug/l	# 69
29) Tetrahydrofuran	7.262	42	50603	109.958	ug/l	# 82
30) Chloroform	7.421	83	101221	21.512	ug/l	99
31) Cyclohexane	7.701	56	91946	20.029	ug/l	88
32) 1,1,1-Trichloroethane	7.616	97	87992	21.419	ug/l	# 94
36) 1,1-Dichloropropene	7.835	75	74433	20.943	ug/l	93
37) Ethyl Acetate	6.982	43	36166	21.344	ug/l	95
38) Carbon Tetrachloride	7.817	117	76235	21.331	ug/l	98
39) Methylcyclohexane	9.109	83	89720	19.890	ug/l	# 82
40) Benzene	8.079	78	218180	21.032	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	14579	17.176	ug/l #	88
42) 1,2-Dichloroethane	8.158	62	62865	21.893	ug/l	94
43) Isopropyl Acetate	8.195	43	68248	20.945	ug/l #	78
44) Trichloroethene	8.866	130	50032	20.809	ug/l	82
45) 1,2-Dichloropropane	9.140	63	53754	21.658	ug/l	97
46) Dibromomethane	9.231	93	30019	22.322	ug/l #	86
47) Bromodichloromethane	9.420	83	73682	20.914	ug/l	97
48) Methyl methacrylate	9.219	41	32826	21.749	ug/l #	79
49) 1,4-Dioxane	9.237	88	6446	465.560	ug/l #	93
51) 4-Methyl-2-Pentanone	10.000	43	181858	108.316	ug/l	89
52) Toluene	10.170	92	136852	21.401	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	64362	20.688	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	79261	21.345	ug/l #	81
55) 1,1,2-Trichloroethane	10.573	97	38486	23.017	ug/l	95
56) Ethyl methacrylate	10.438	69	49714	20.727	ug/l #	68
57) 1,3-Dichloropropane	10.713	76	65962	21.542	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	120207	101.622	ug/l	92
59) 2-Hexanone	10.762	43	128919	107.104	ug/l	86
60) Dibromochloromethane	10.908	129	45911	21.540	ug/l	97
61) 1,2-Dibromoethane	11.018	107	33292	21.430	ug/l	98
64) Tetrachloroethene	10.646	164	43798	21.043	ug/l	92
65) Chlorobenzene	11.444	112	140859	20.971	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	45653	21.274	ug/l	98
67) Ethyl Benzene	11.518	91	259439	20.663	ug/l	100
68) m/p-Xylenes	11.627	106	193351	42.090	ug/l	92
69) o-Xylene	11.956	106	91553	21.051	ug/l	93
70) Styrene	11.969	104	154094	21.429	ug/l	96
71) Bromoform	12.133	173	23941	21.746	ug/l #	100
73) Isopropylbenzene	12.255	105	245671	21.209	ug/l	97
74) N-amyl acetate	12.072	43	61069	21.091	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	42830	21.143	ug/l	94
76) 1,2,3-Trichloropropane	12.554	75	55973	41.181	ug/l #	100
77) Bromobenzene	12.536	156	50476	21.547	ug/l	81
78) n-propylbenzene	12.597	91	306102	21.234	ug/l	96
79) 2-Chlorotoluene	12.682	91	172728	21.586	ug/l	92
80) 1,3,5-Trimethylbenzene	12.737	105	196848	21.168	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	13513	21.385	ug/l #	82
82) 4-Chlorotoluene	12.780	91	174374	21.372	ug/l	96
83) tert-Butylbenzene	12.999	119	176524	21.709	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	196517	21.336	ug/l	97
85) sec-Butylbenzene	13.176	105	270645	21.681	ug/l	97
86) p-Isopropyltoluene	13.292	119	211880	21.151	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	102280	21.492	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	102422	21.612	ug/l	95
89) n-Butylbenzene	13.621	91	215025	21.413	ug/l	97
90) Hexachloroethane	13.883	117	43258	21.835	ug/l	83
91) 1,2-Dichlorobenzene	13.657	146	89950	21.746	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	6582	21.425	ug/l	75
93) 1,2,4-Trichlorobenzene	14.919	180	45969	20.687	ug/l	96
94) Hexachlorobutadiene	15.023	225	27089	22.294	ug/l	98
95) Naphthalene	15.145	128	80850	19.464	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	37637	19.953	ug/l	98

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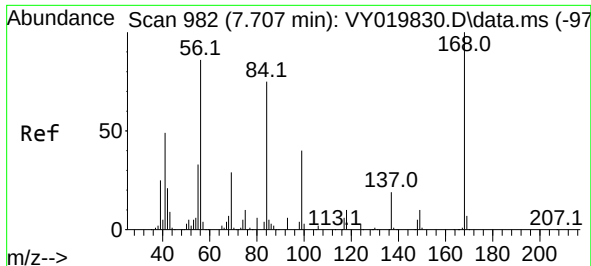
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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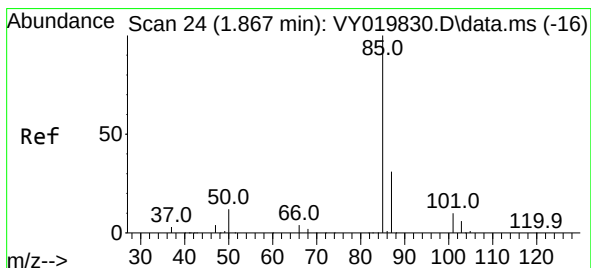
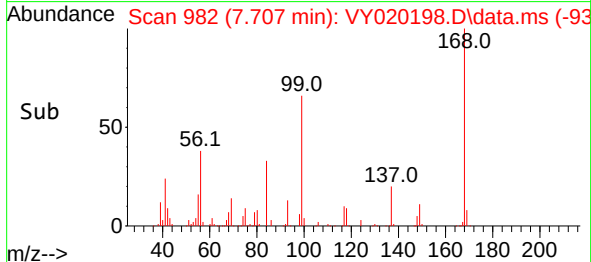
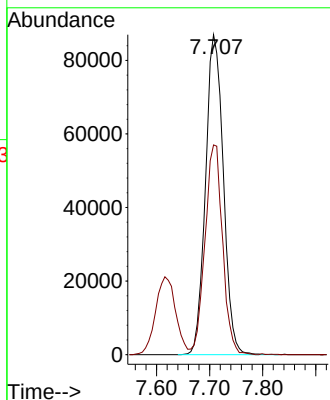
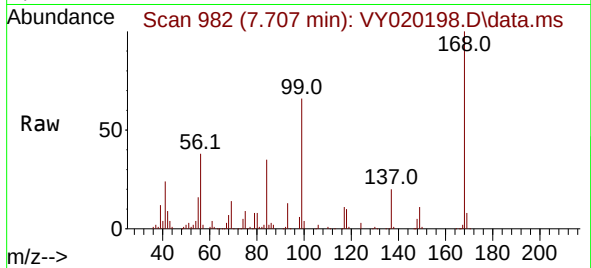




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020198.D
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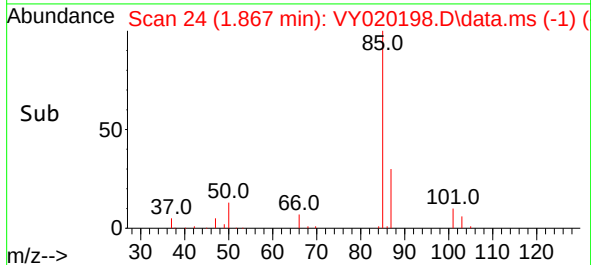
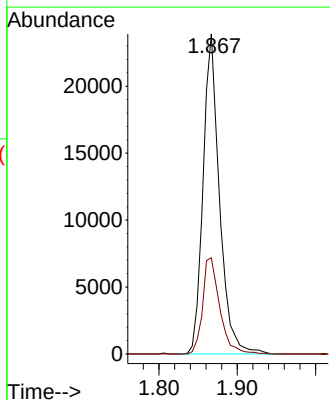
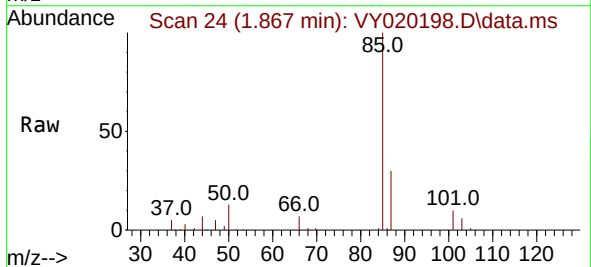
Instrument :
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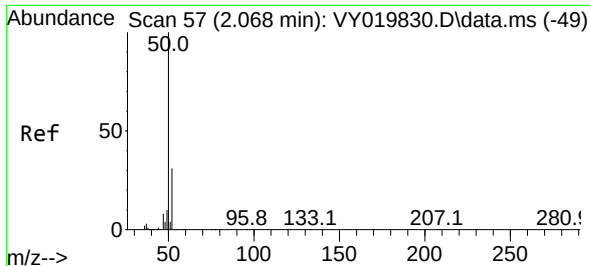
Tgt Ion:168 Resp: 202685
Ion Ratio Lower Upper
168 100
99 65.4 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 18.513 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

Tgt Ion: 85 Resp: 34735
Ion Ratio Lower Upper
85 100
87 30.1 16.0 48.0

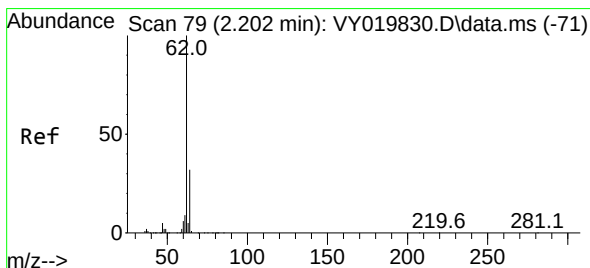
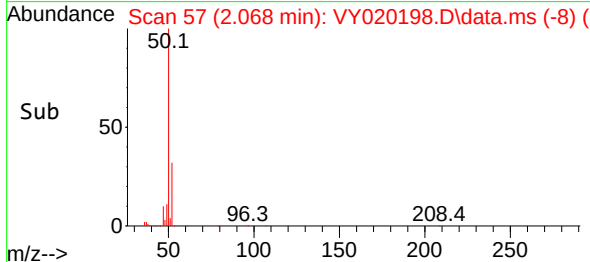
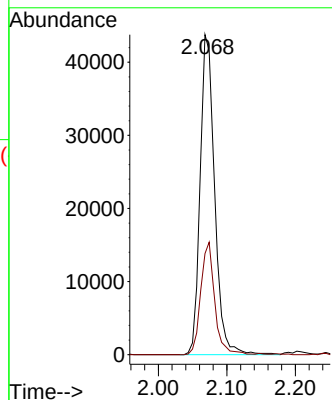
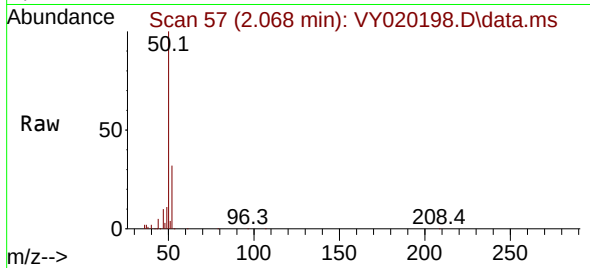




#3
Chloromethane
Concen: 20.782 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

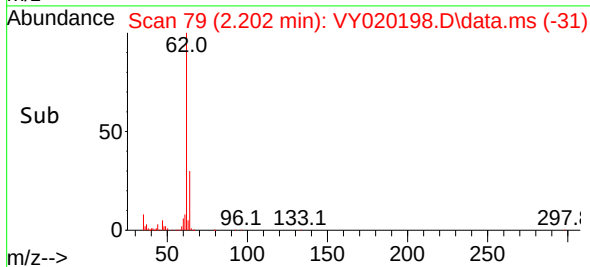
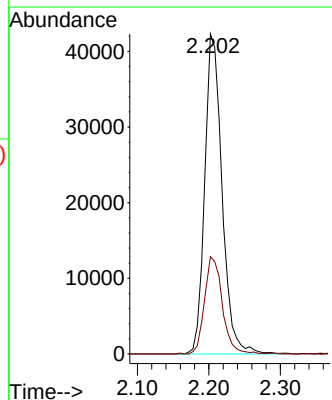
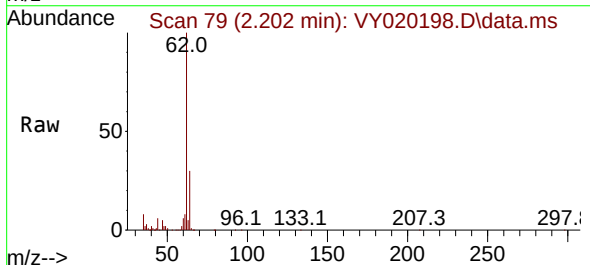
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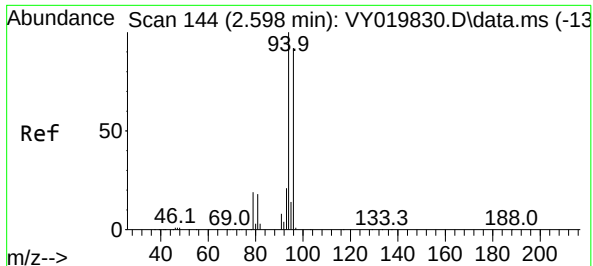
Tgt Ion: 50 Resp: 64586
Ion Ratio Lower Upper
50 100
52 31.6 25.6 38.4



#4
Vinyl Chloride
Concen: 21.354 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

Tgt Ion: 62 Resp: 71243
Ion Ratio Lower Upper
62 100
64 30.4 26.1 39.1

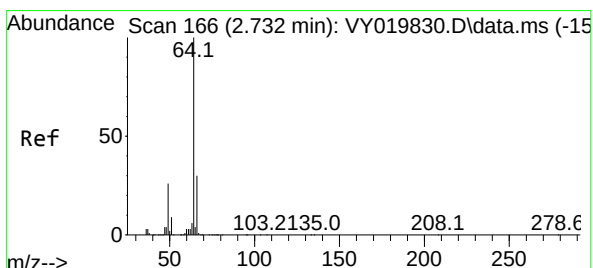
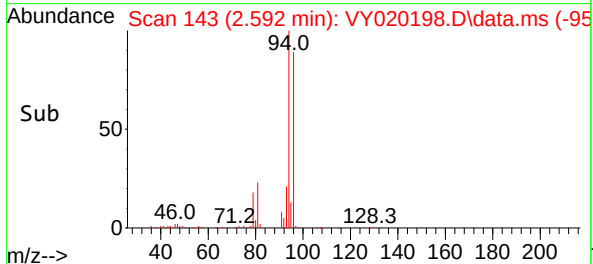
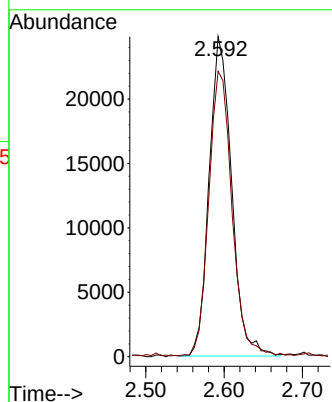
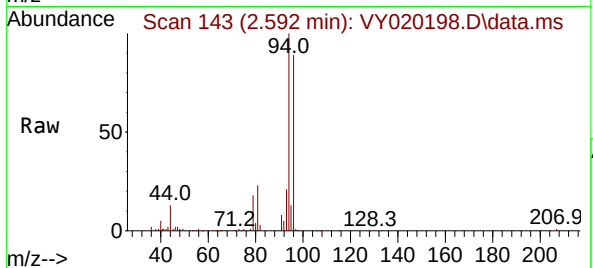




#5
Bromomethane
Concen: 22.233 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

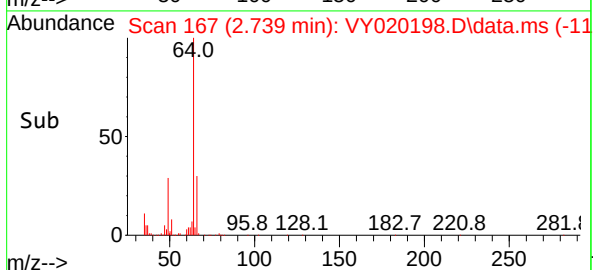
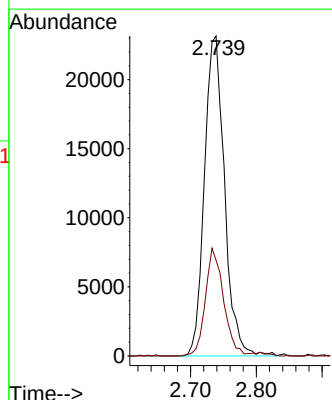
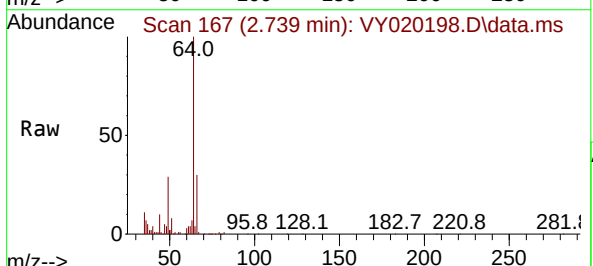
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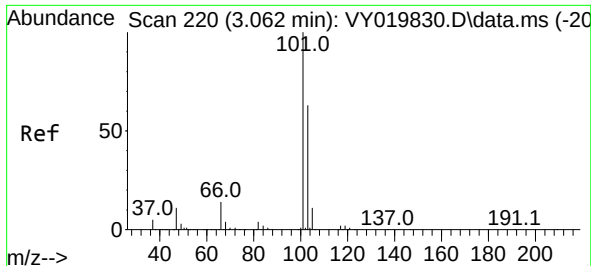
Tgt Ion: 94 Resp: 49246
Ion Ratio Lower Upper
94 100
96 89.0 74.1 111.1



#6
Chloroethane
Concen: 22.848 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

Tgt Ion: 64 Resp: 49196
Ion Ratio Lower Upper
64 100
66 29.9 26.1 39.1

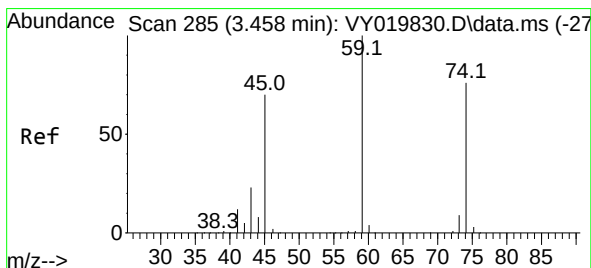
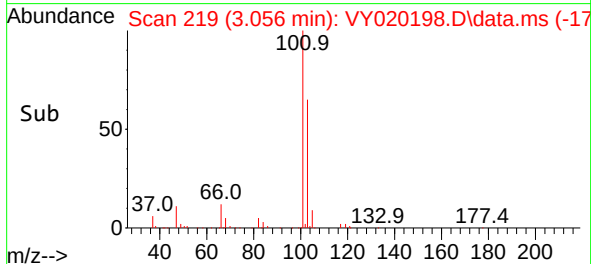
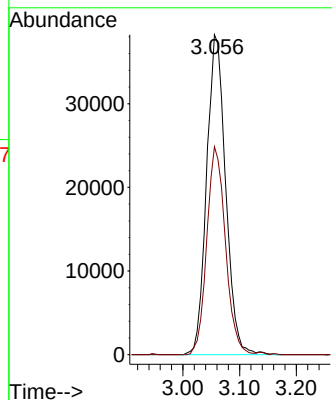
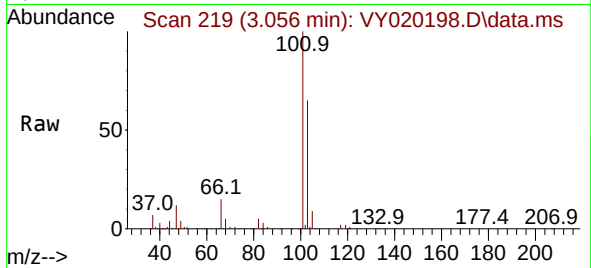




#7
 Trichlorofluoromethane
 Concen: 21.876 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY020198.D
 Acq: 07 Nov 2024 11:50

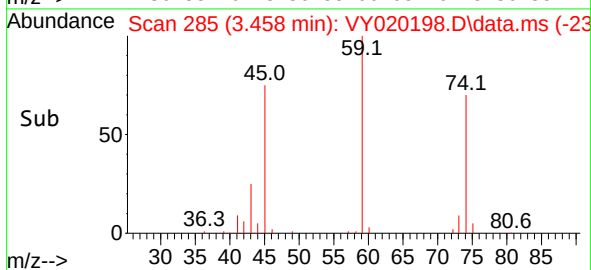
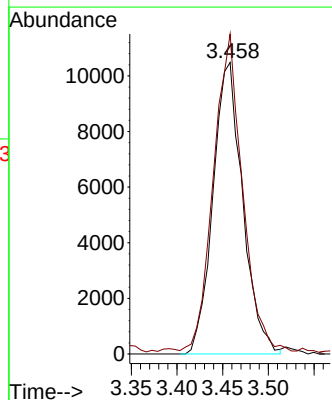
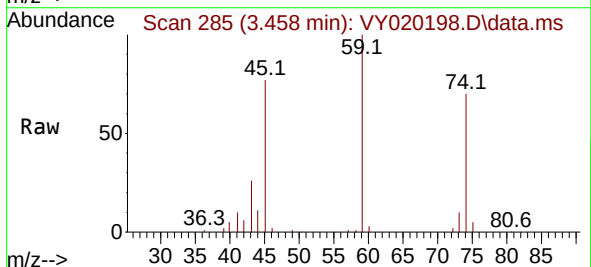
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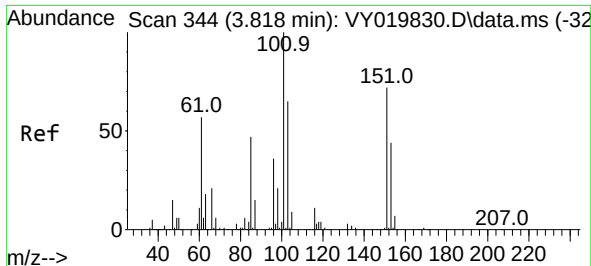
Tgt Ion:101 Resp: 89161
 Ion Ratio Lower Upper
 101 100
 103 65.0 49.3 73.9



#8
 Diethyl Ether
 Concen: 20.823 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY020198.D
 Acq: 07 Nov 2024 11:50

Tgt Ion: 74 Resp: 23671
 Ion Ratio Lower Upper
 74 100
 45 105.8 41.3 124.1

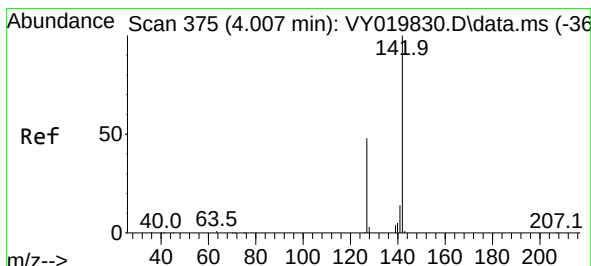
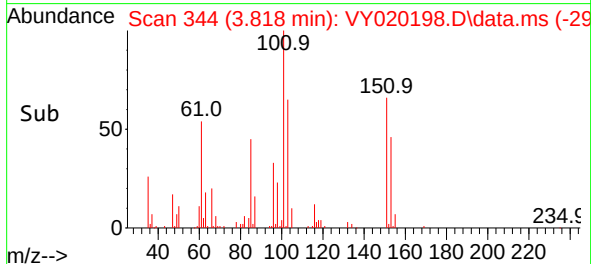
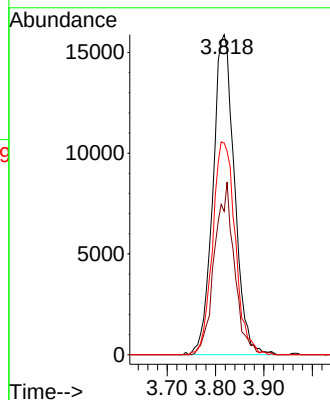
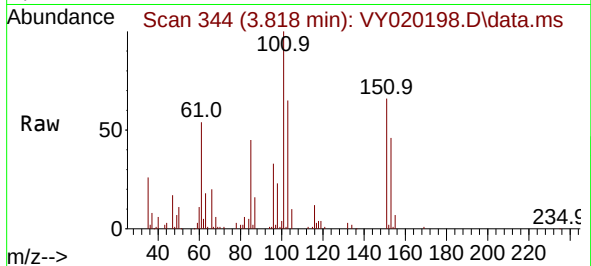




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.485 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY020198.D
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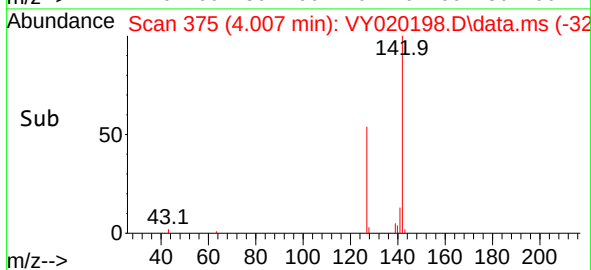
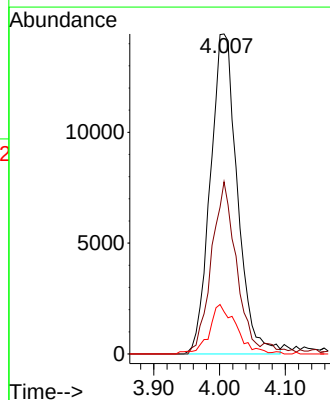
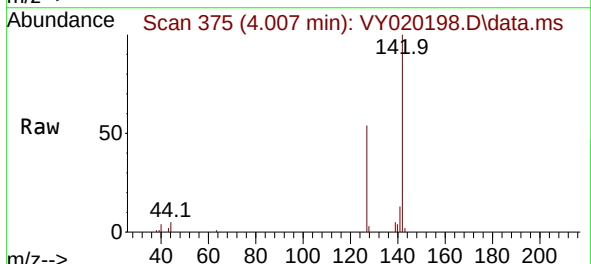
Instrument :
MSVOA_Y
ClientSampleId :

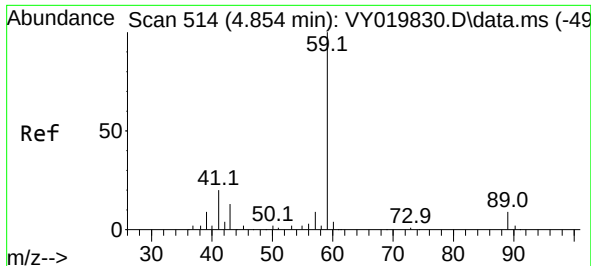
Tgt Ion:101 Resp: 49116
Ion Ratio Lower Upper
101 100
85 49.6 34.5 51.7
151 69.6 61.7 92.5



#10
Methyl Iodide
Concen: 18.701 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

Tgt Ion:142 Resp: 41275
Ion Ratio Lower Upper
142 100
127 49.2 32.8 49.2#
141 15.5 11.4 17.2

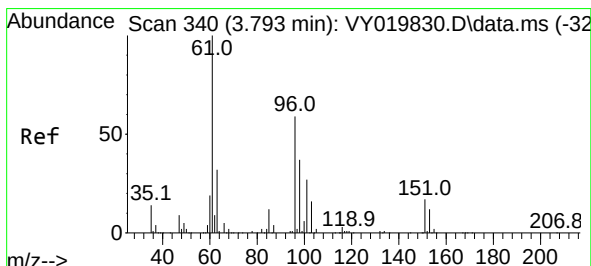
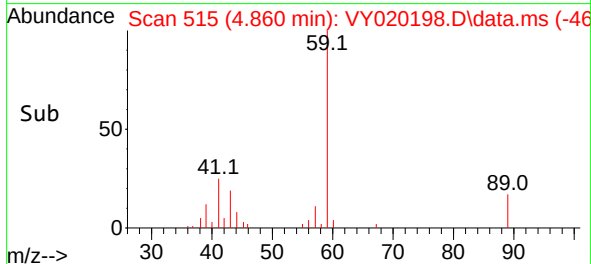
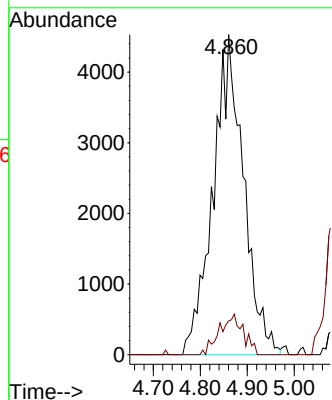
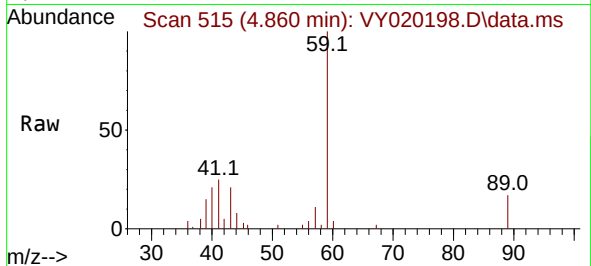




#11
Tert butyl alcohol
Concen: 112.394 ug/l
RT: 4.860 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

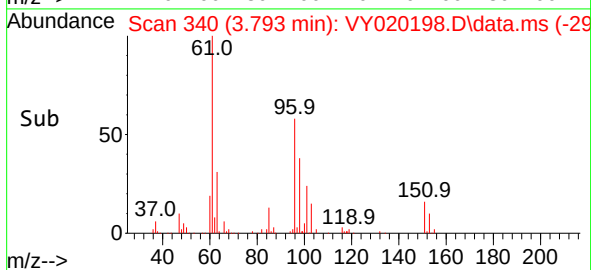
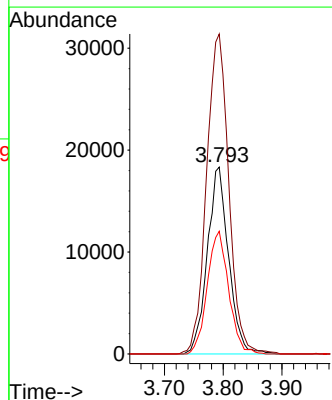
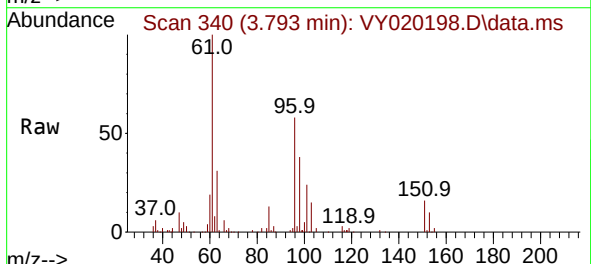
Instrument :
MSVOA_Y
ClientSampleId :

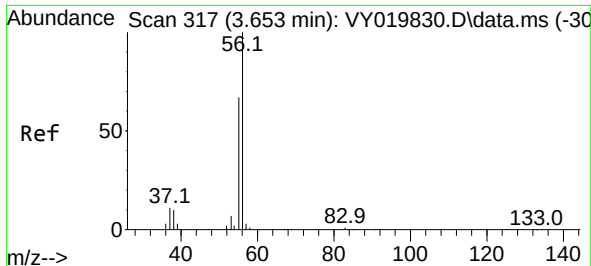
Tgt Ion: 59 Resp: 20451
Ion Ratio Lower Upper
59 100
57 9.8 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 21.106 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

Tgt Ion: 96 Resp: 46163
Ion Ratio Lower Upper
96 100
61 171.2 114.6 171.8
98 65.6 50.8 76.2

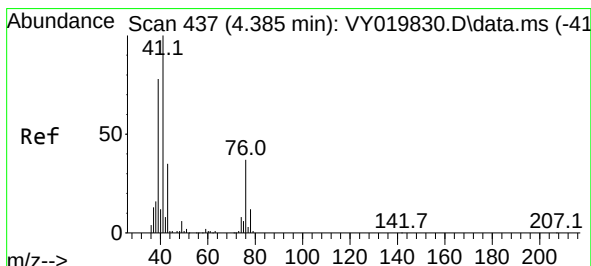
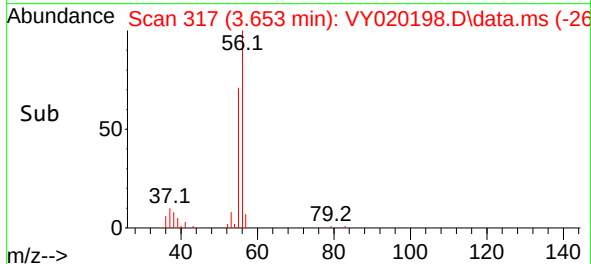
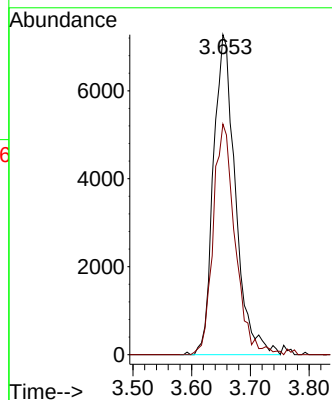
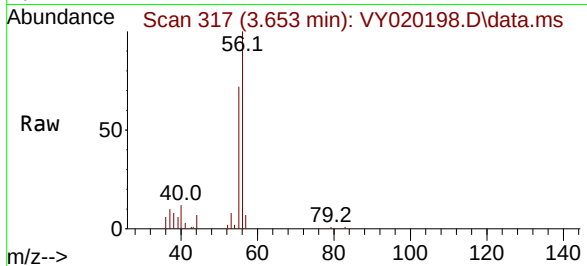




#13
Acrolein
Concen: 83.405 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

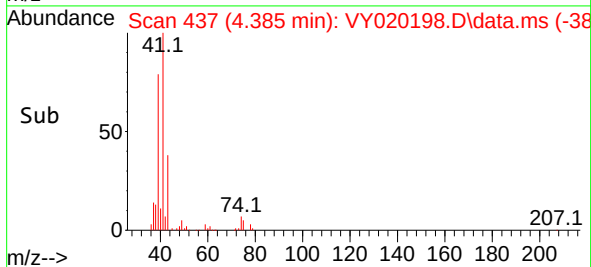
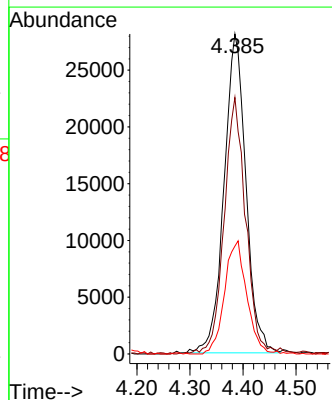
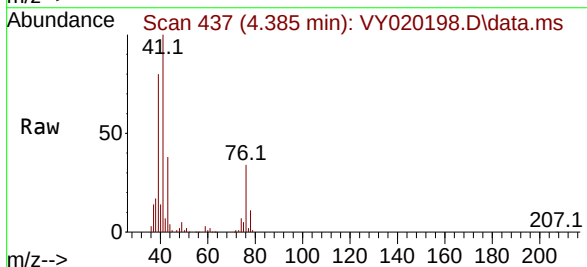
Instrument :
MSVOA_Y
ClientSampleId :

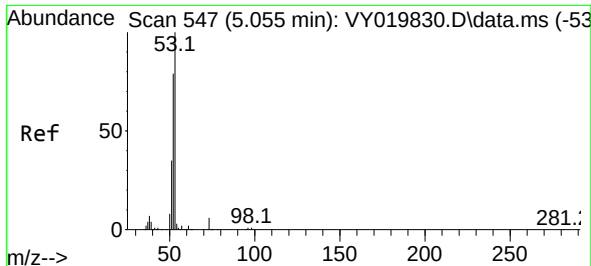
Tgt Ion: 56 Resp: 18892
Ion Ratio Lower Upper
56 100
55 72.0 55.7 83.5



#14
Allyl chloride
Concen: 20.405 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

Tgt Ion: 41 Resp: 80521
Ion Ratio Lower Upper
41 100
39 79.0 58.3 87.5
76 36.2 39.0 58.6#

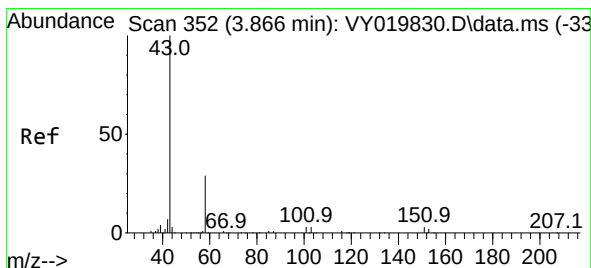
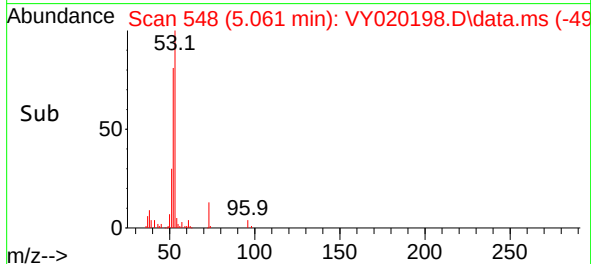
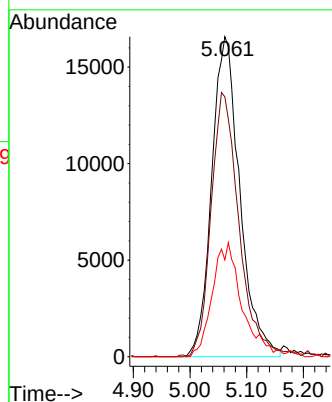
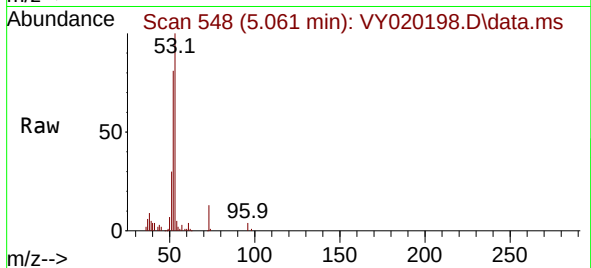




#15
Acrylonitrile
Concen: 110.462 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

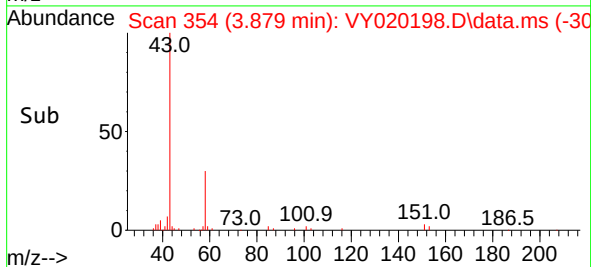
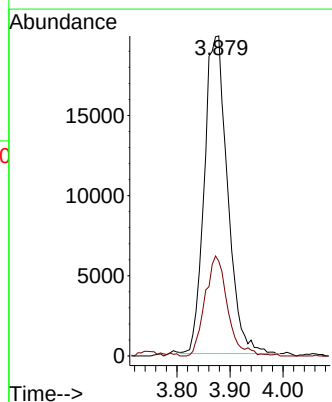
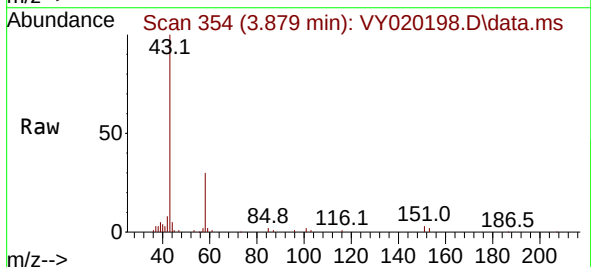
Instrument :
MSVOA_Y
ClientSampleId :

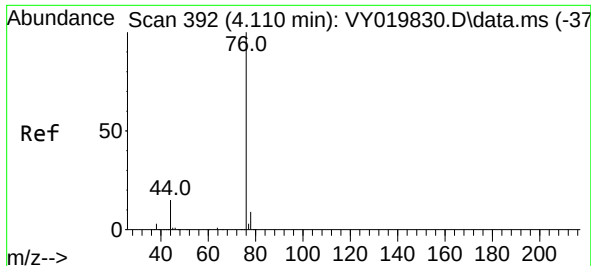
Tgt Ion: 53 Resp: 57158
Ion Ratio Lower Upper
53 100
52 82.1 64.7 97.1
51 17.4 28.4 42.6#



#16
Acetone
Concen: 102.657 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

Tgt Ion: 43 Resp: 60391
Ion Ratio Lower Upper
43 100
58 29.8 31.7 47.5#





#17

Carbon Disulfide

Concen: 19.548 ug/l

RT: 4.104 min Scan# 391

Delta R.T. 0.000 min

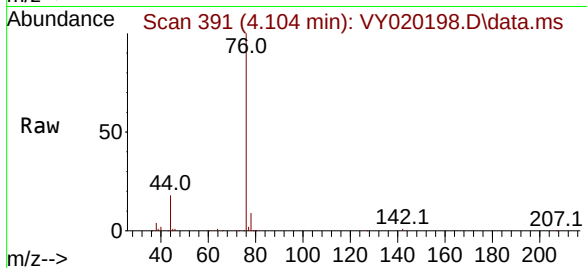
Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

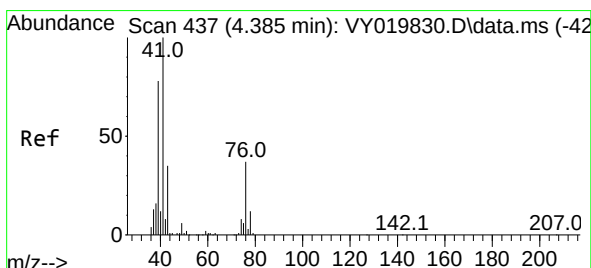
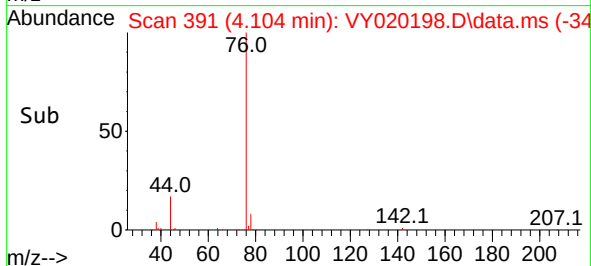
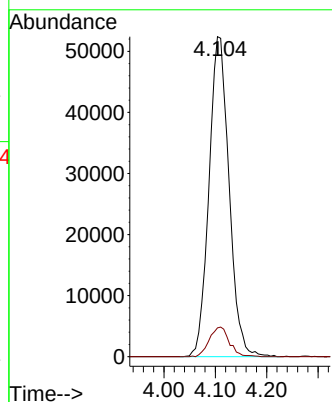


Tgt Ion: 76 Resp: 142287

Ion Ratio Lower Upper

76 100

78 9.0 6.8 10.2



#18

Methyl Acetate

Concen: 22.382 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY020198.D

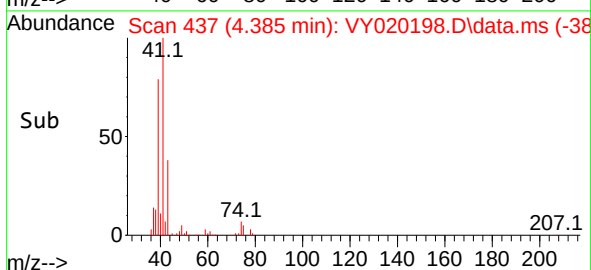
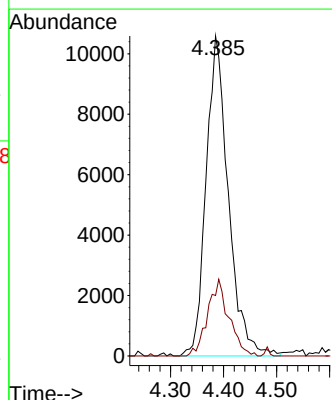
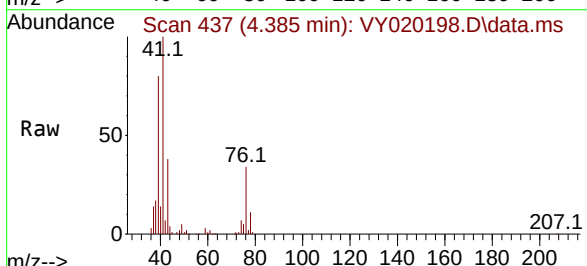
Acq: 07 Nov 2024 11:50

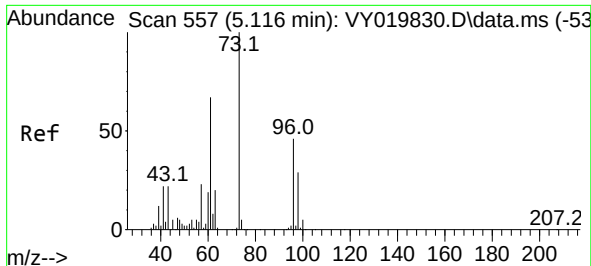
Tgt Ion: 43 Resp: 30893

Ion Ratio Lower Upper

43 100

74 22.9 23.3 34.9#





#19

Methyl tert-butyl Ether

Concen: 21.479 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

Instrument :

MSVOA_Y

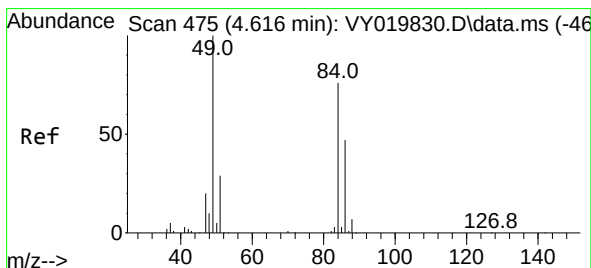
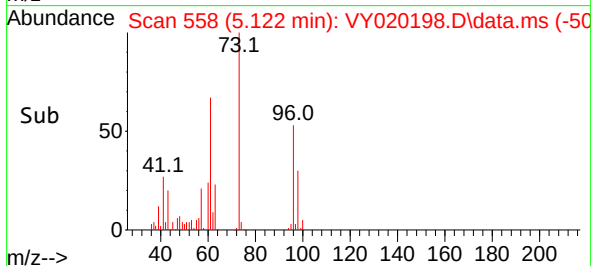
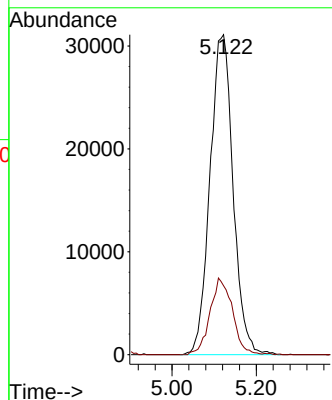
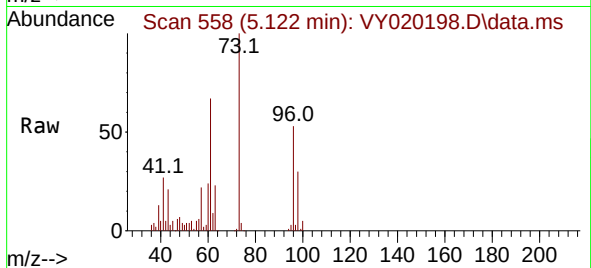
ClientSampleId :

Tgt Ion: 73 Resp: 118190

Ion Ratio Lower Upper

73 100

57 21.5 17.3 25.9



#20

Methylene Chloride

Concen: 20.283 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

Tgt Ion: 84 Resp: 53602

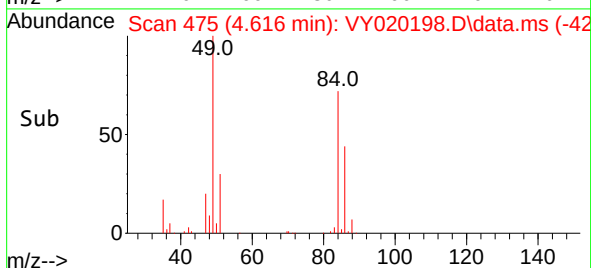
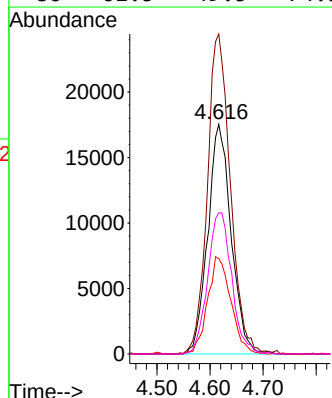
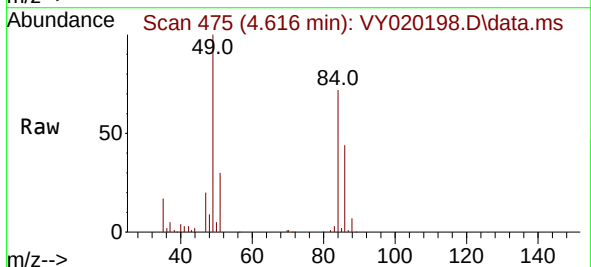
Ion Ratio Lower Upper

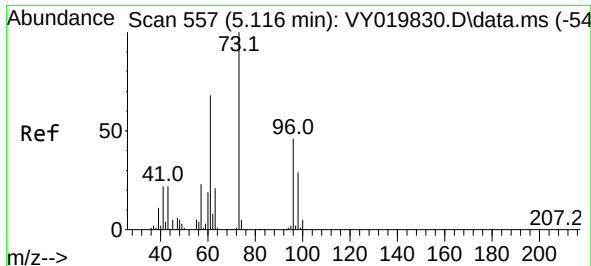
84 100

49 139.4 84.4 126.6#

51 41.5 26.0 39.0#

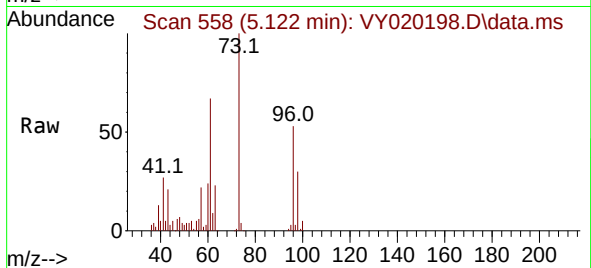
86 61.5 49.5 74.3



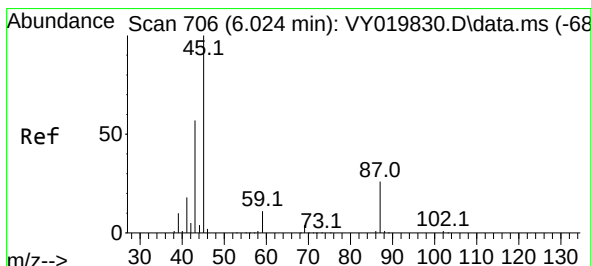
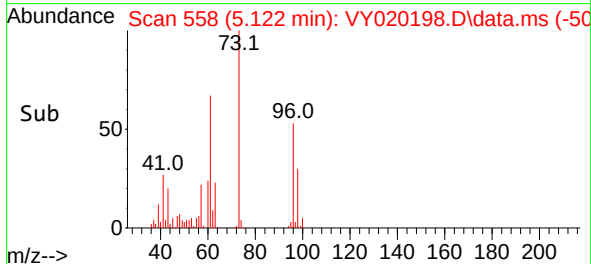
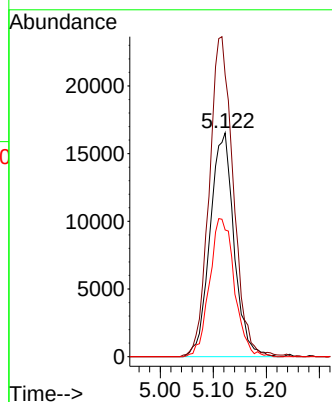


#21
trans-1,2-Dichloroethene
Concen: 21.043 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

Instrument :
MSVOA_Y
ClientSampleId :

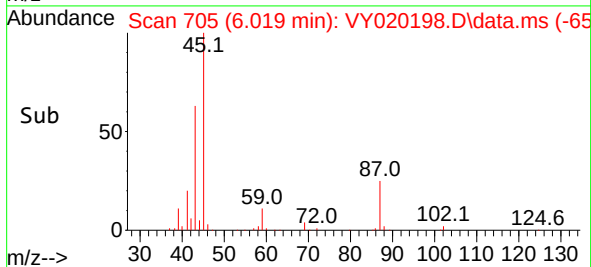
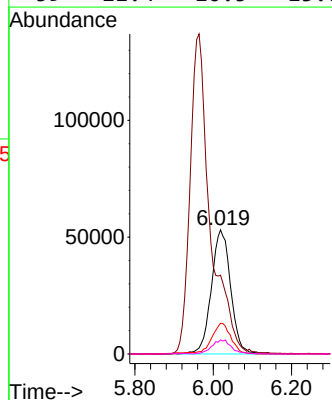
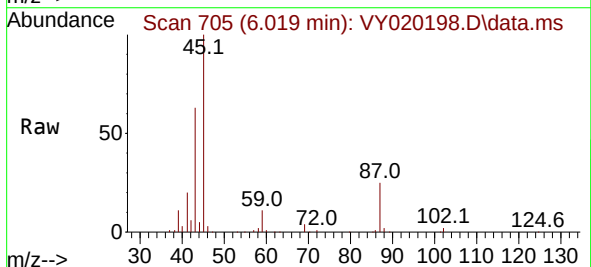


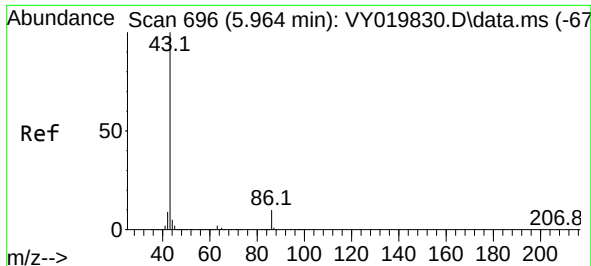
Tgt Ion: 96 Resp: 51906
Ion Ratio Lower Upper
96 100
61 125.8 97.5 146.3
98 56.6 50.5 75.7



#22
Diisopropyl ether
Concen: 22.191 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

Tgt Ion: 45 Resp: 181719
Ion Ratio Lower Upper
45 100
43 62.8 42.2 63.2
87 24.7 25.0 37.6#
59 11.4 10.5 15.7

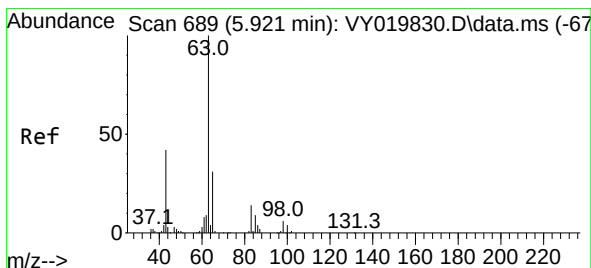
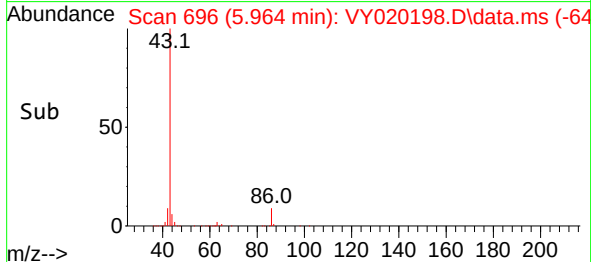
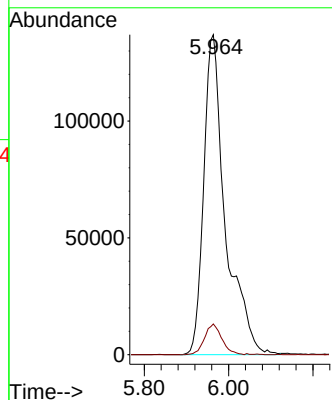
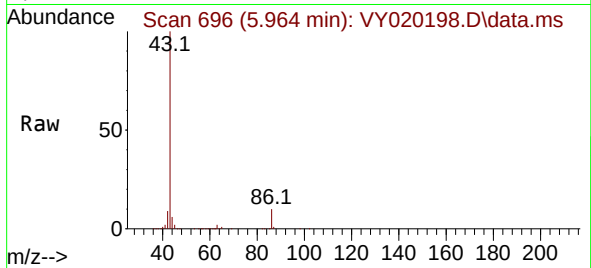




#23
 Vinyl Acetate
 Concen: 106.218 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY020198.D
 Acq: 07 Nov 2024 11:50

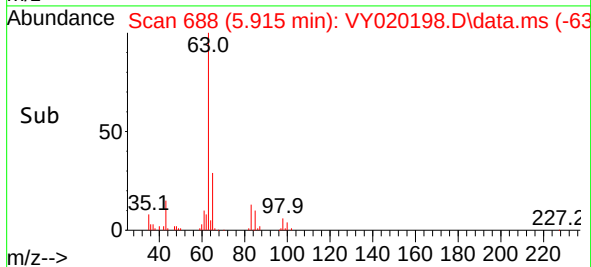
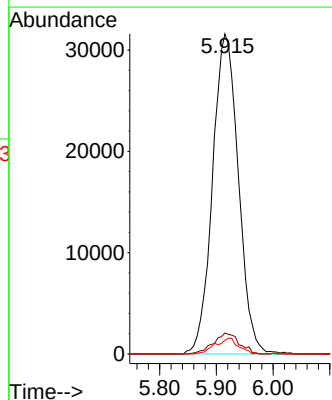
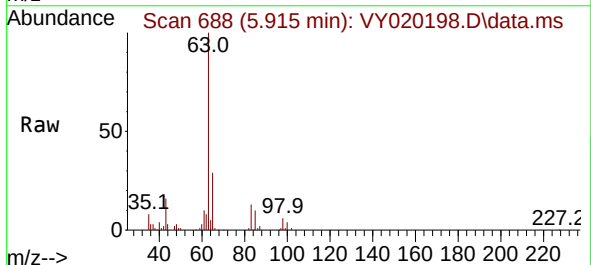
Instrument :
 MSVOA_Y
 ClientSampleId :

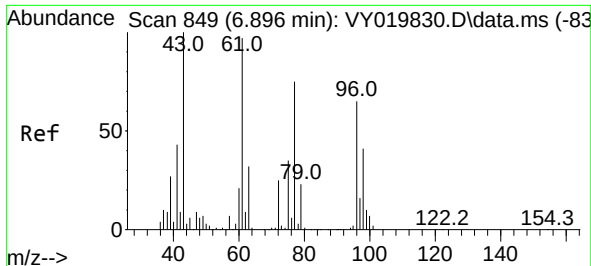
Tgt Ion: 43 Resp: 489510
 Ion Ratio Lower Upper
 43 100
 86 9.5 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 21.076 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY020198.D
 Acq: 07 Nov 2024 11:50

Tgt Ion: 63 Resp: 99936
 Ion Ratio Lower Upper
 63 100
 98 6.5 4.0 12.2
 100 4.3 2.6 8.0

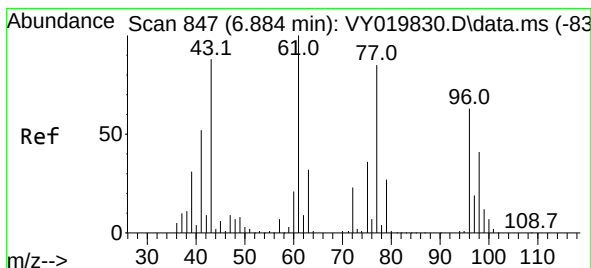
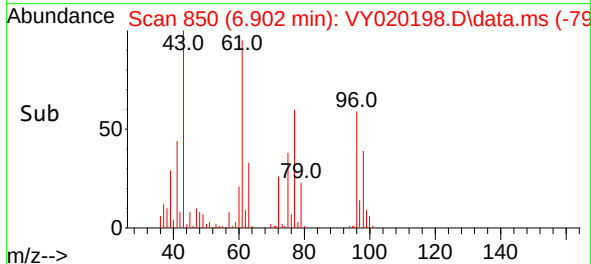
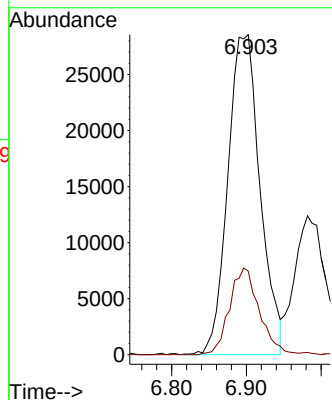
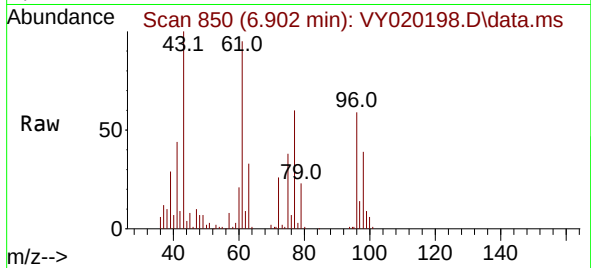




#25
2-Butanone
Concen: 107.395 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.013 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

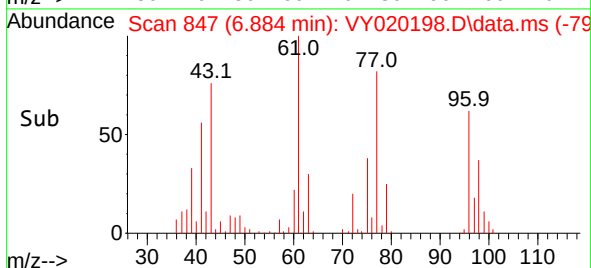
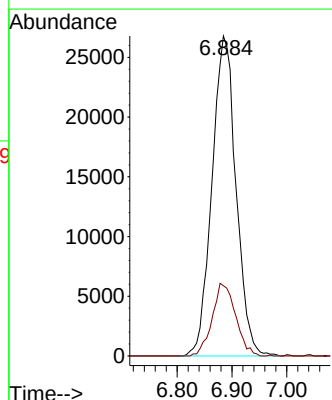
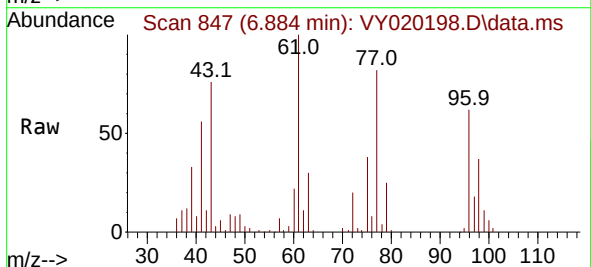
Instrument :
MSVOA_Y
ClientSampleId :

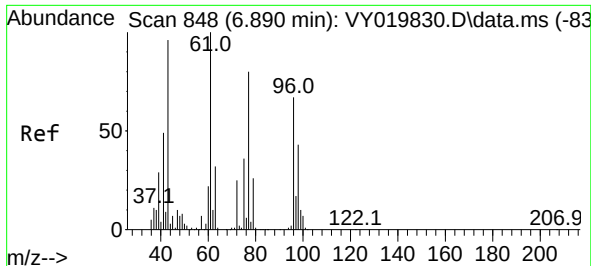
Tgt Ion: 43 Resp: 85641
Ion Ratio Lower Upper
43 100
72 26.2 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 20.701 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

Tgt Ion: 77 Resp: 81671
Ion Ratio Lower Upper
77 100
97 22.0 12.0 36.1

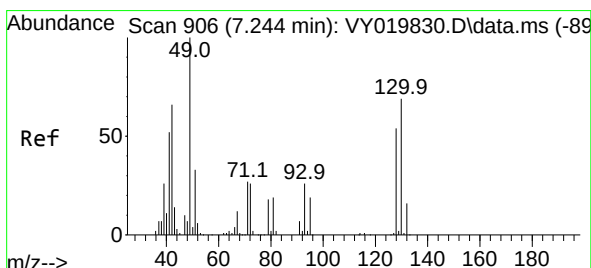
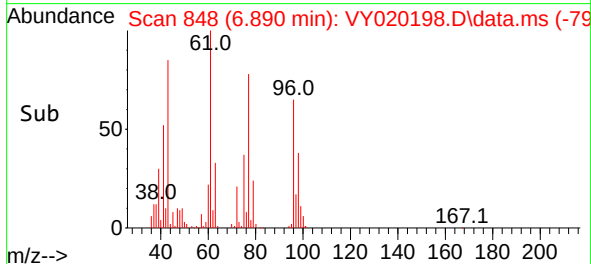
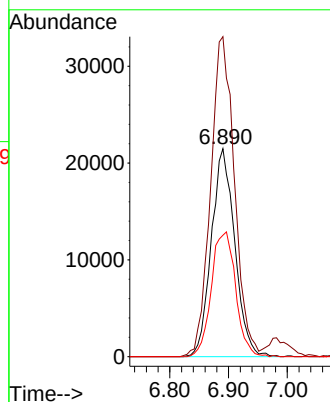
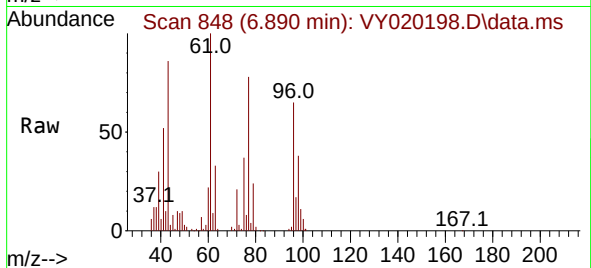




#27
 cis-1,2-Dichloroethene
 Concen: 20.983 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY020198.D
 Acq: 07 Nov 2024 11:50

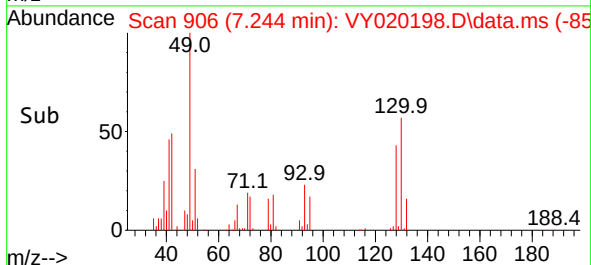
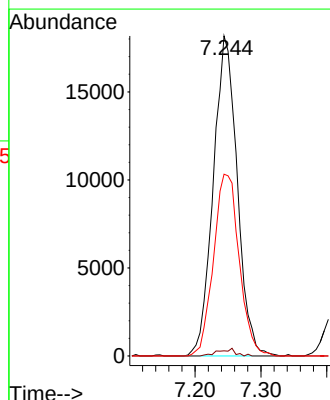
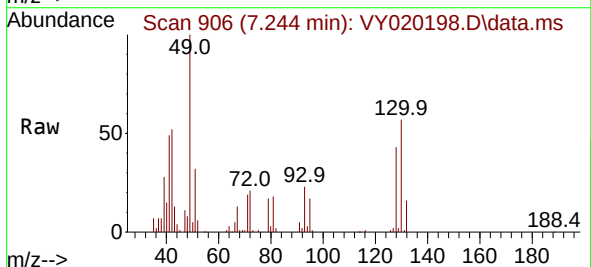
Instrument :
 MSVOA_Y
 ClientSampleId :

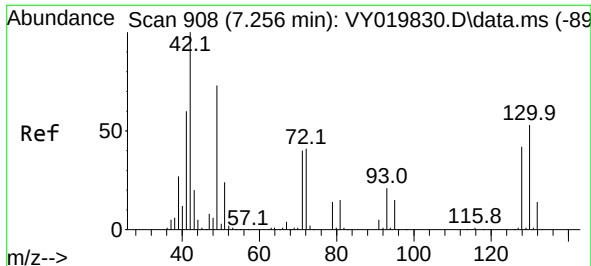
Tgt Ion: 96 Resp: 59500
 Ion Ratio Lower Upper
 96 100
 61 156.6 0.0 256.2
 98 62.4 0.0 130.0



#28
 Bromochloromethane
 Concen: 20.739 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY020198.D
 Acq: 07 Nov 2024 11:50

Tgt Ion: 49 Resp: 46048
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 60.9 72.7 109.1#





#29

Tetrahydrofuran

Concen: 109.958 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

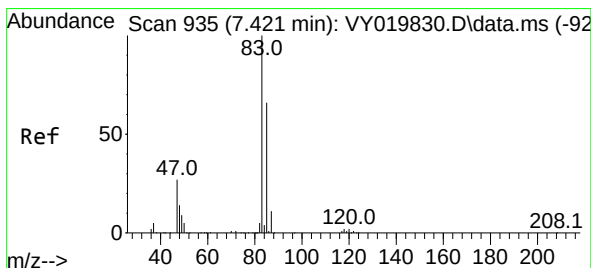
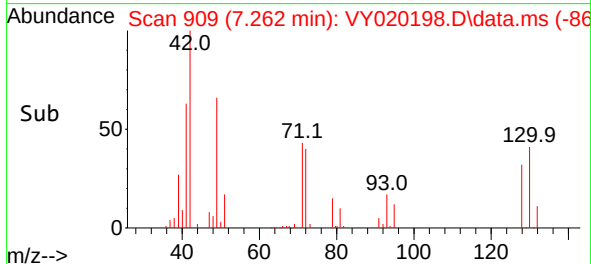
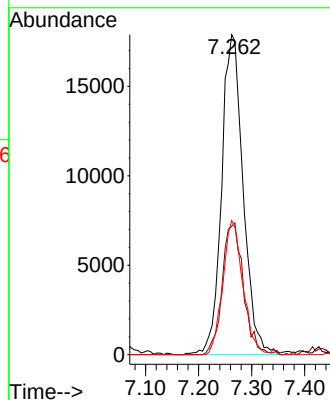
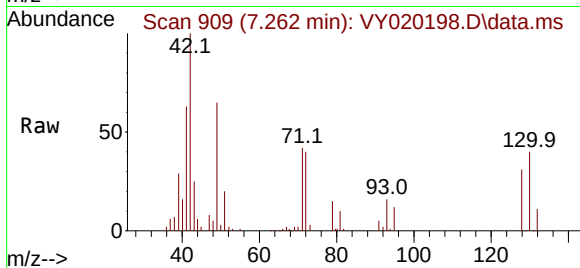
Tgt Ion: 42 Resp: 50603

Ion Ratio Lower Upper

42 100

72 40.2 43.0 64.4#

71 38.9 40.8 61.2#



#30

Chloroform

Concen: 21.512 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY020198.D

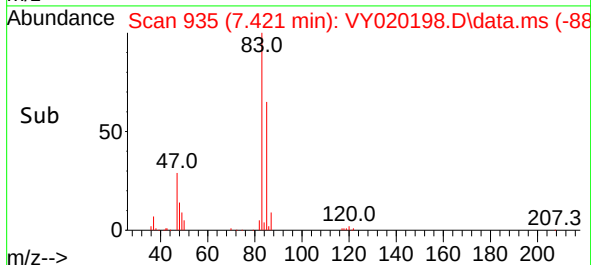
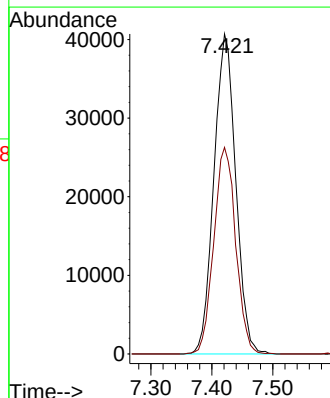
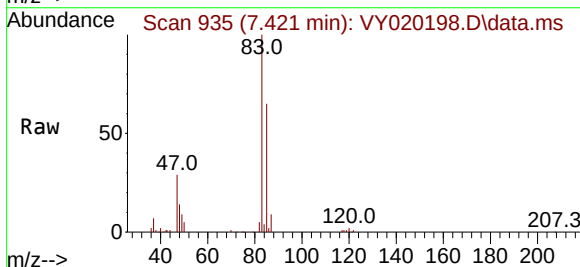
Acq: 07 Nov 2024 11:50

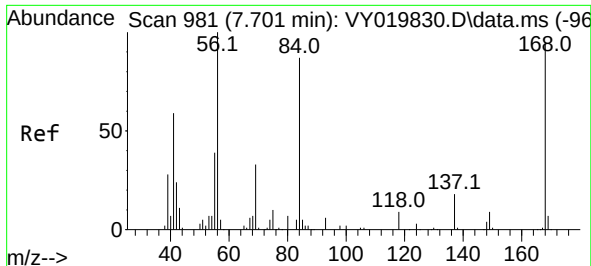
Tgt Ion: 83 Resp: 101221

Ion Ratio Lower Upper

83 100

85 64.6 52.2 78.4

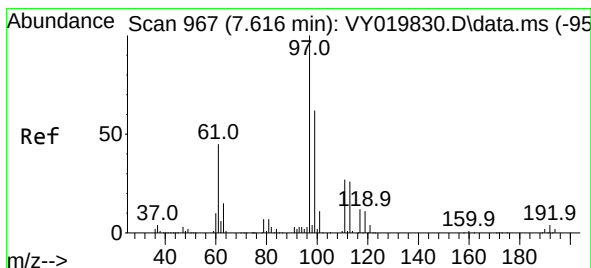
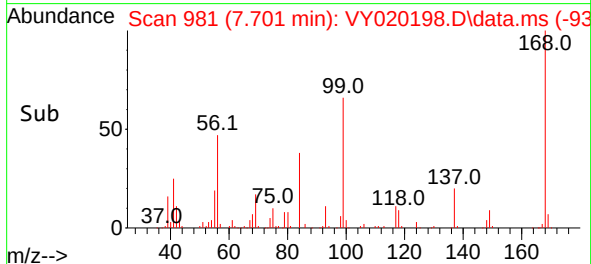
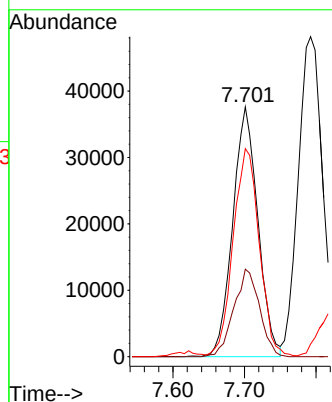
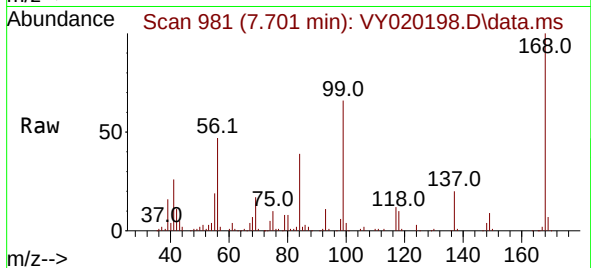




#31
Cyclohexane
Concen: 20.029 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

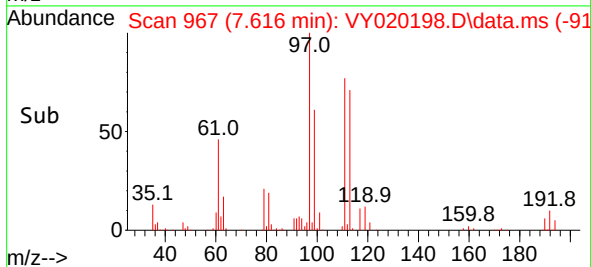
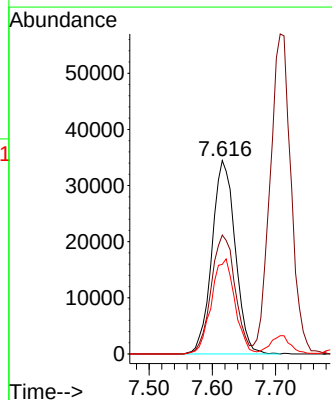
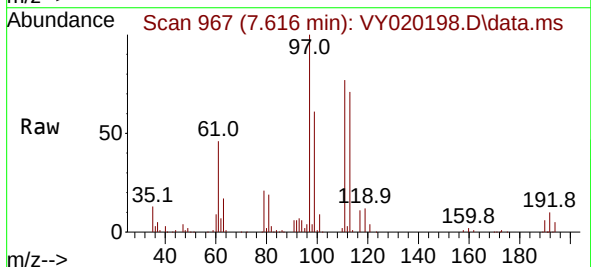
Instrument :
MSVOA_Y
ClientSampleId :

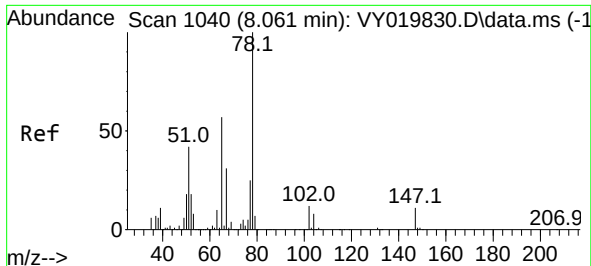
Tgt Ion: 56 Resp: 91946
Ion Ratio Lower Upper
56 100
69 35.1 28.7 43.1
84 81.5 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.419 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

Tgt Ion: 97 Resp: 87992
Ion Ratio Lower Upper
97 100
99 63.2 50.3 75.5
61 49.9 32.6 48.8#





#33

1,2-Dichloroethane-d4

Concen: 52.863 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

Instrument :

MSVOA_Y

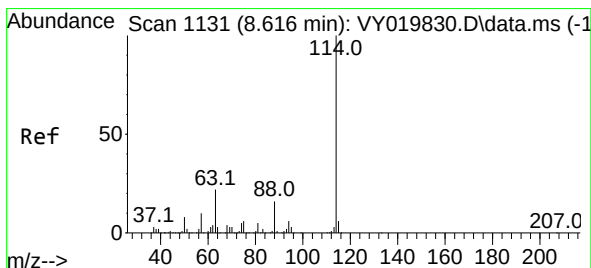
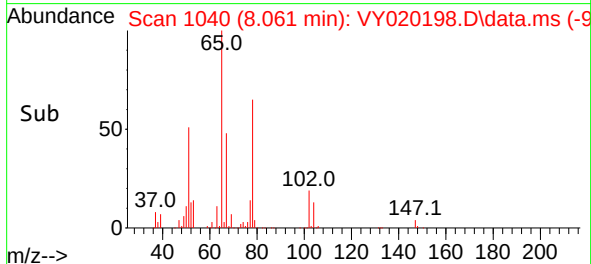
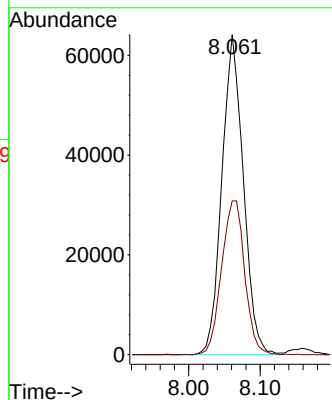
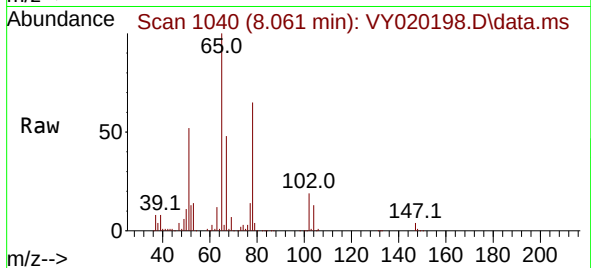
ClientSampleId :

Tgt Ion: 65 Resp: 133725

Ion Ratio Lower Upper

65 100

67 51.8 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: VY020198.D

Acq: 07 Nov 2024 11:50

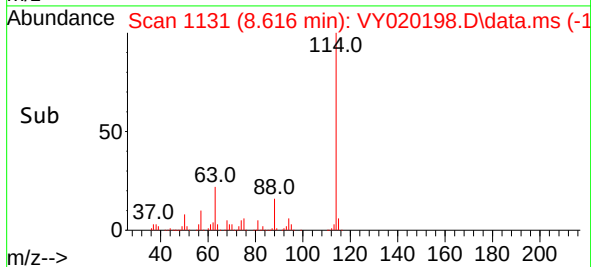
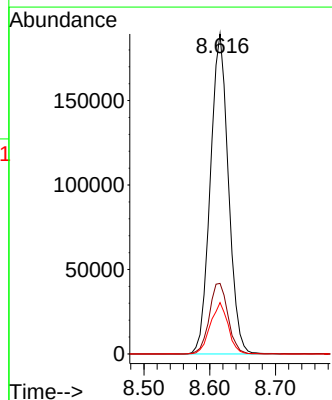
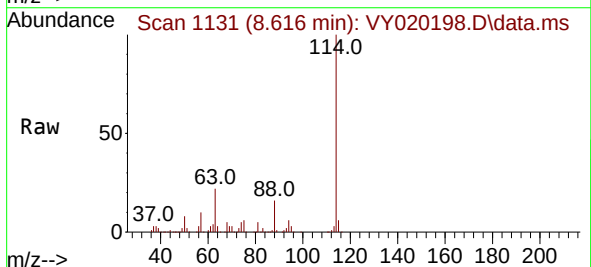
Tgt Ion: 114 Resp: 361864

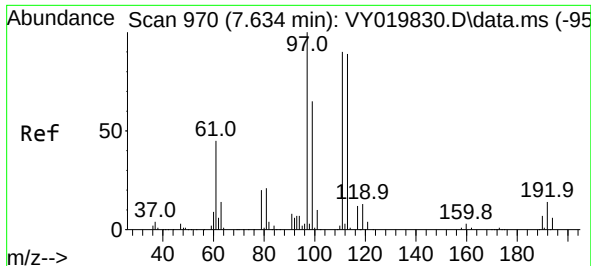
Ion Ratio Lower Upper

114 100

63 22.1 0.0 35.0

88 16.0 0.0 27.2

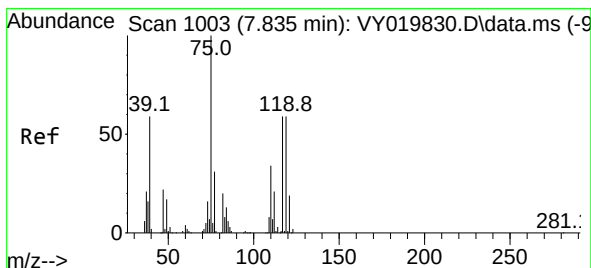
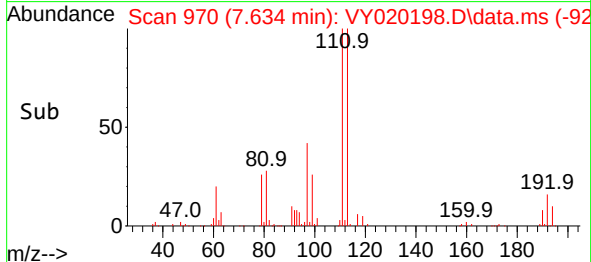
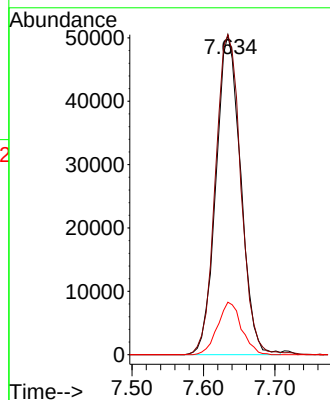
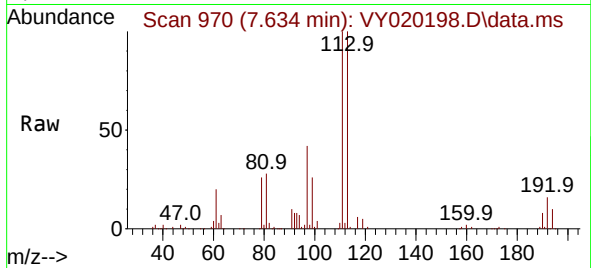




#35
Dibromofluoromethane
Concen: 52.608 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

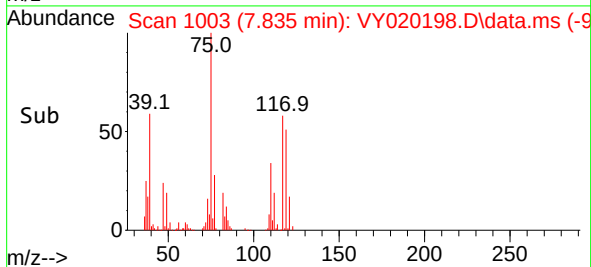
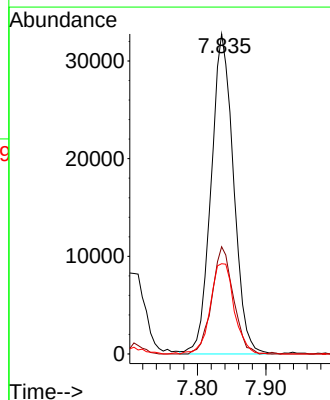
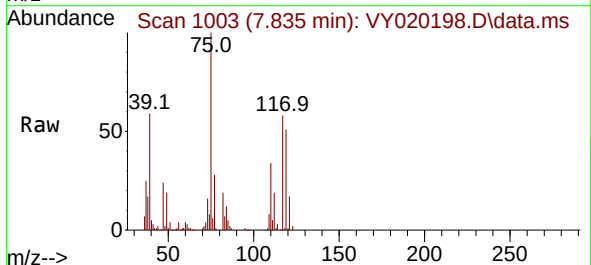
Instrument :
MSVOA_Y
ClientSampleId :

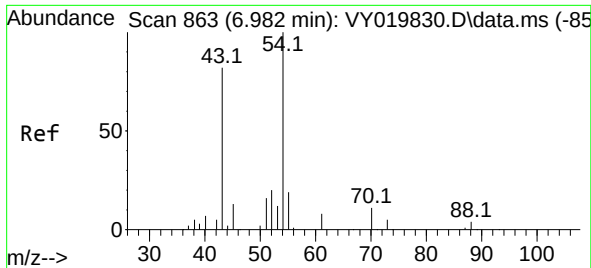
Tgt Ion:113 Resp: 121035
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 15.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 20.943 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

Tgt Ion: 75 Resp: 74433
Ion Ratio Lower Upper
75 100
110 32.2 19.0 57.0
77 30.1 25.3 37.9

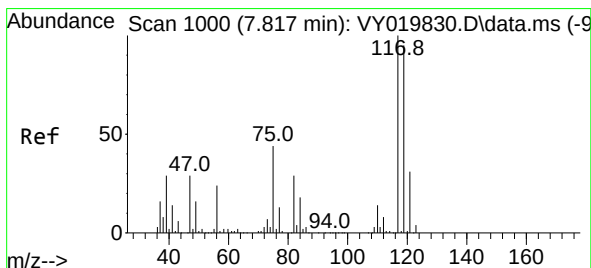
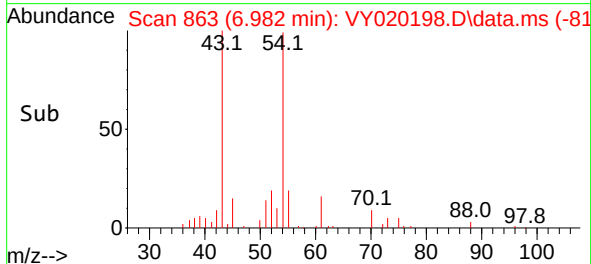
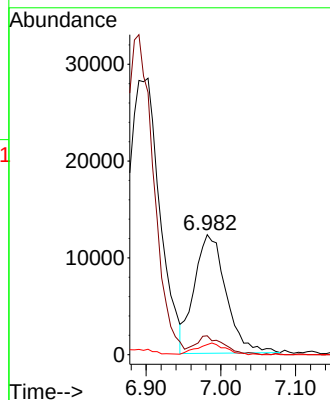
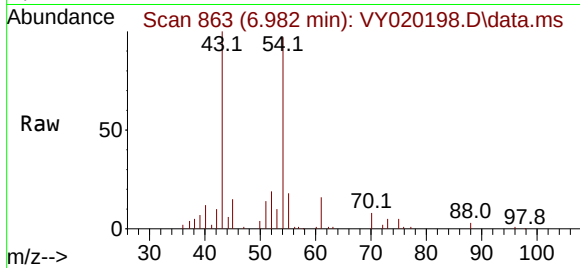




#37
Ethyl Acetate
Concen: 21.344 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

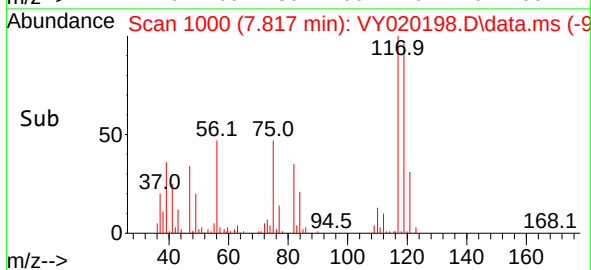
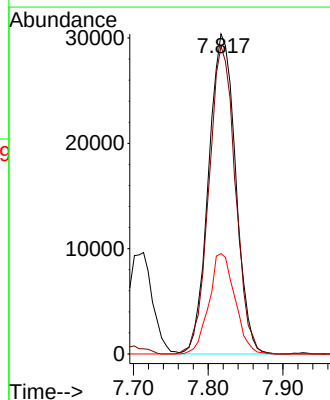
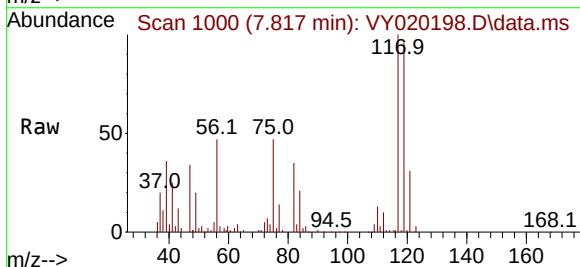
Instrument :
MSVOA_Y
ClientSampleId :

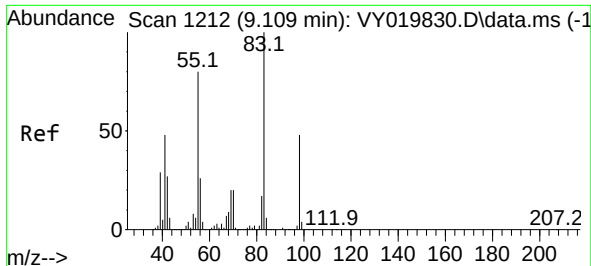
Tgt Ion: 43 Resp: 36166
Ion Ratio Lower Upper
43 100
61 13.4 12.6 19.0
70 8.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 21.331 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

Tgt Ion: 117 Resp: 76235
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.6
121 31.3 24.0 36.0





#39

Methylcyclohexane

Concen: 19.890 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

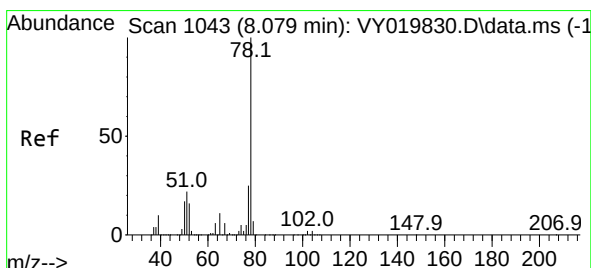
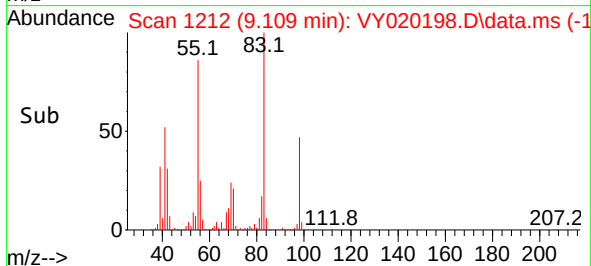
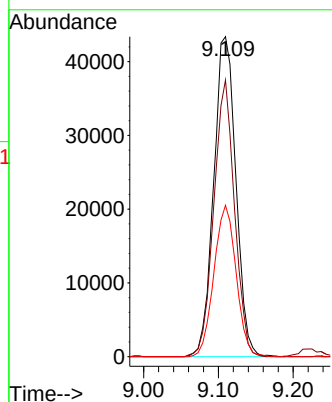
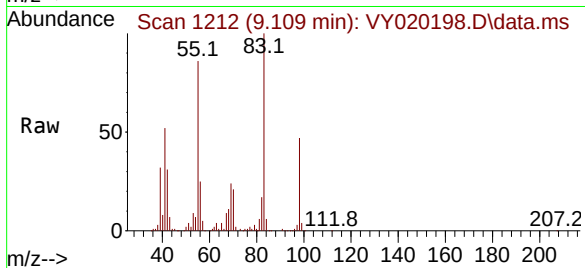
Tgt Ion: 83 Resp: 89720

Ion Ratio Lower Upper

83 100

55 86.4 51.5 77.3#

98 47.3 40.5 60.7



#40

Benzene

Concen: 21.032 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY020198.D

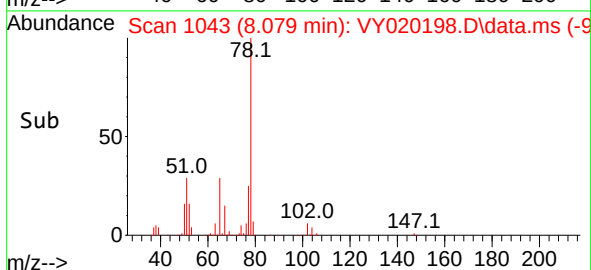
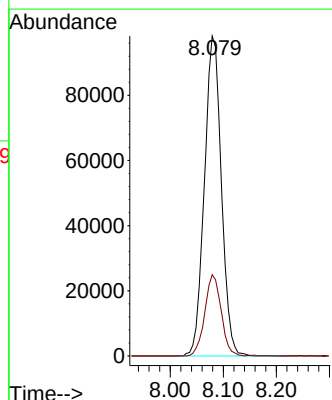
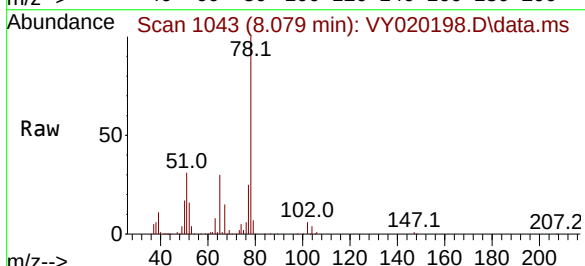
Acq: 07 Nov 2024 11:50

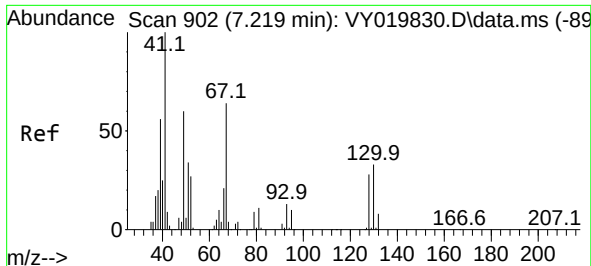
Tgt Ion: 78 Resp: 218180

Ion Ratio Lower Upper

78 100

77 25.4 19.5 29.3

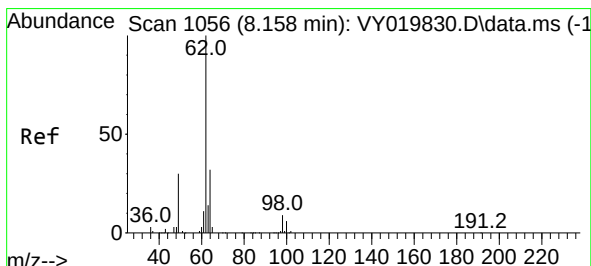
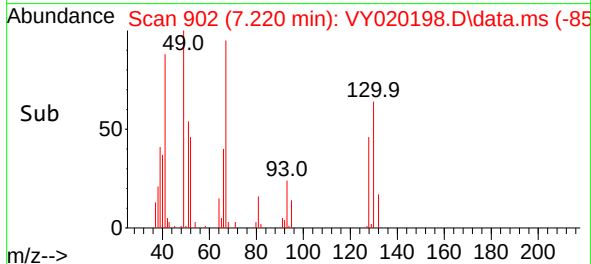
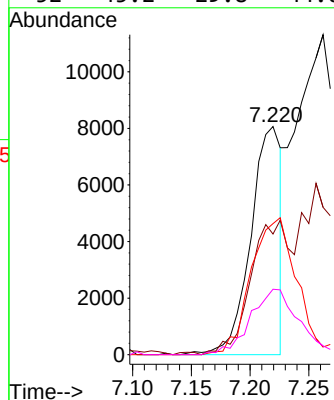
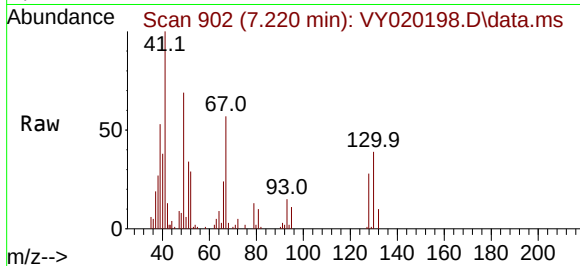




#41
Methacrylonitrile
Concen: 17.176 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

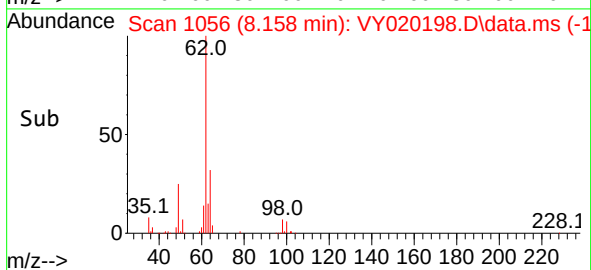
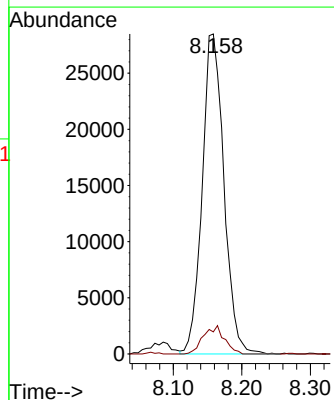
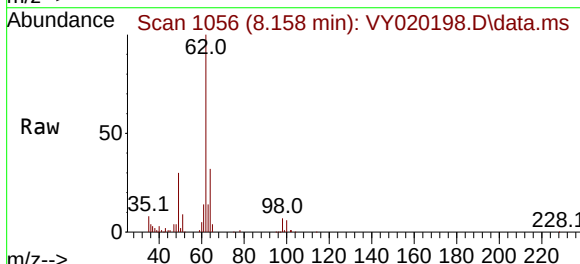
Instrument :
MSVOA_Y
ClientSampleId :

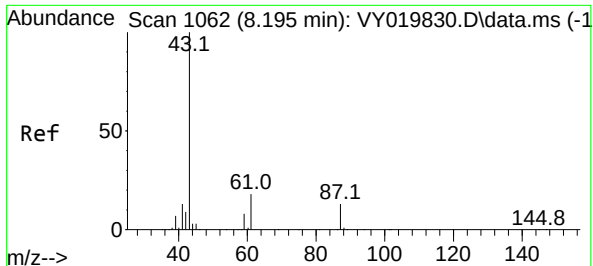
Tgt Ion: 41 Resp: 14579
Ion Ratio Lower Upper
41 100
39 78.8 48.0 72.0#
67 90.7 75.1 112.7
52 45.2 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 21.893 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

Tgt Ion: 62 Resp: 62865
Ion Ratio Lower Upper
62 100
98 8.5 0.0 22.0

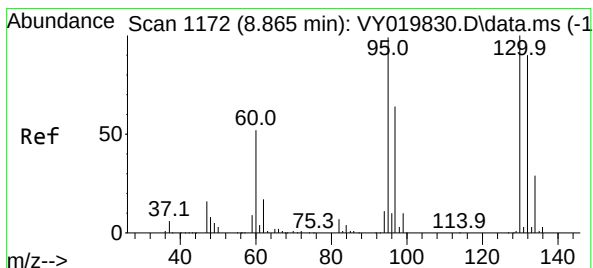
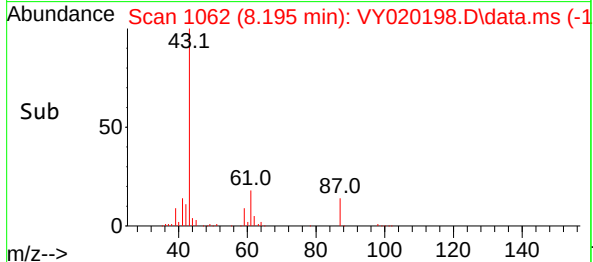
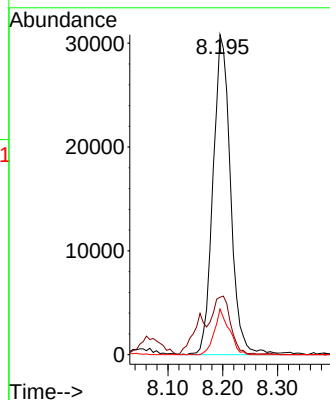
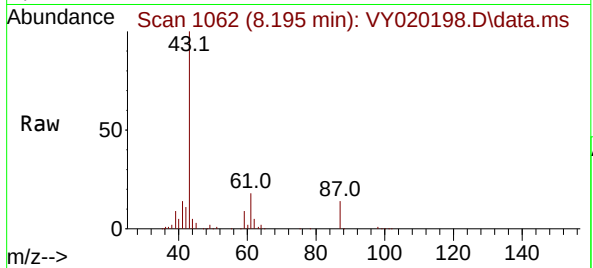




#43
Isopropyl Acetate
Concen: 20.945 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

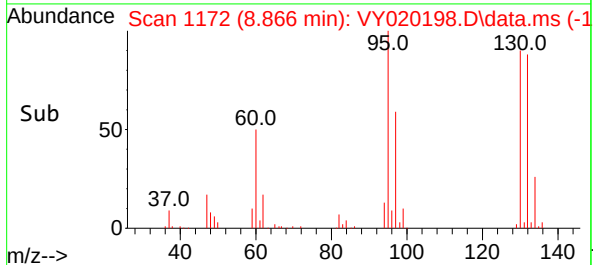
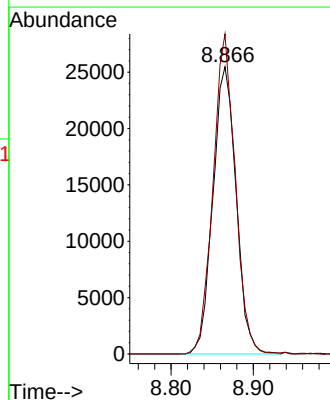
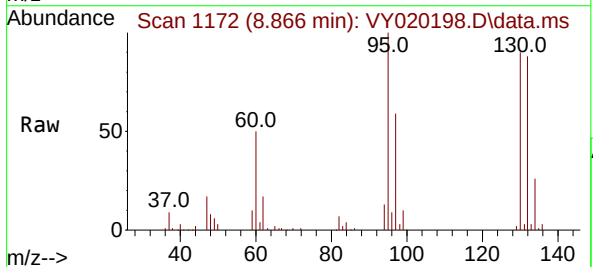
Instrument :
MSVOA_Y
ClientSampleId :

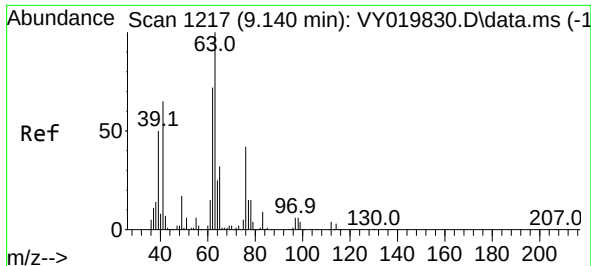
Tgt Ion: 43 Resp: 68248
Ion Ratio Lower Upper
43 100
61 18.8 27.9 41.9#
87 12.1 13.1 19.7#



#44
Trichloroethene
Concen: 20.809 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

Tgt Ion:130 Resp: 50032
Ion Ratio Lower Upper
130 100
95 111.4 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.658 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

Instrument :

MSVOA_Y

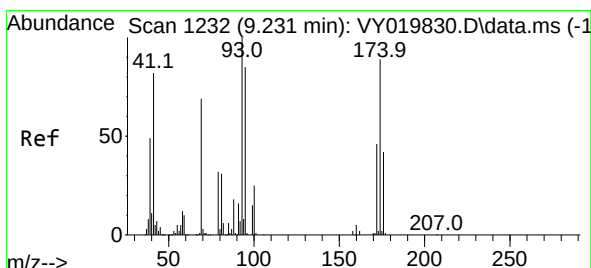
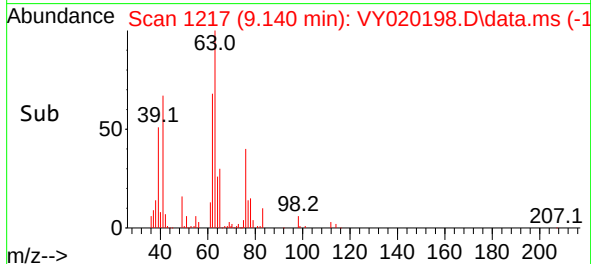
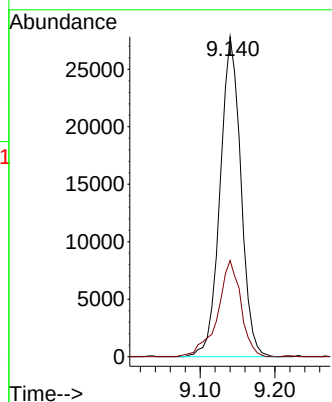
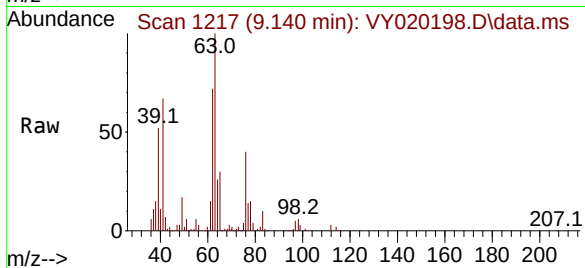
ClientSampleId :

Tgt Ion: 63 Resp: 53754

Ion Ratio Lower Upper

63 100

65 30.1 25.4 38.2



#46

Dibromomethane

Concen: 22.322 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

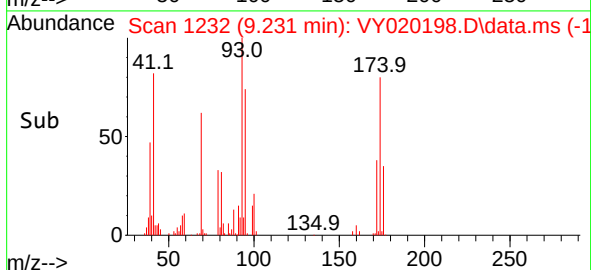
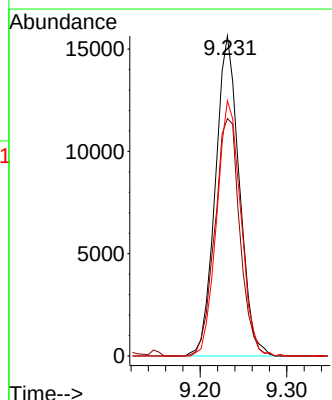
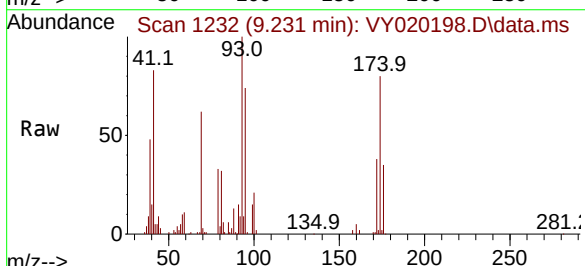
Tgt Ion: 93 Resp: 30019

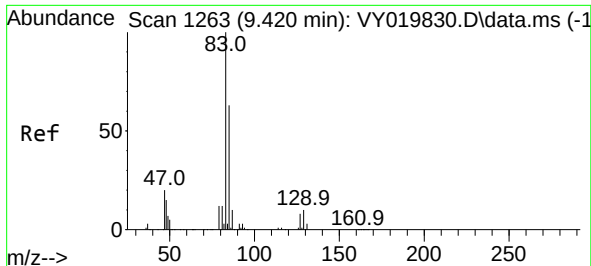
Ion Ratio Lower Upper

93 100

95 77.7 66.2 99.4

174 79.9 80.9 121.3#

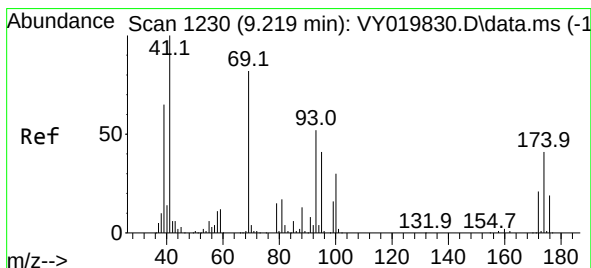
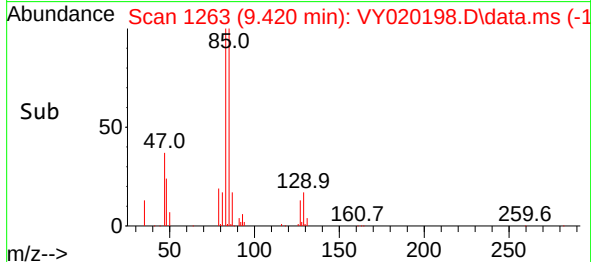
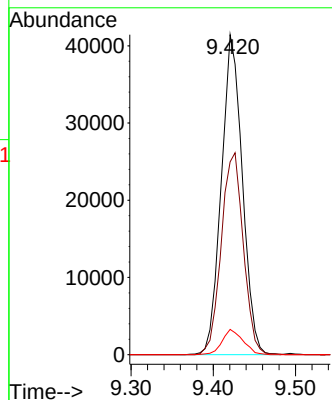
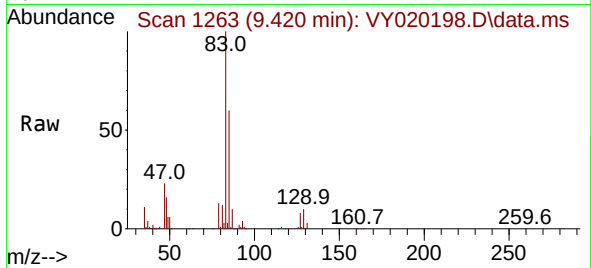




#47
Bromodichloromethane
Concen: 20.914 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

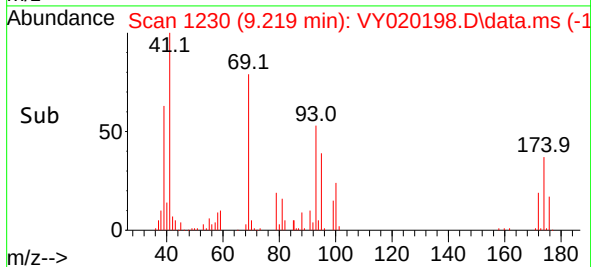
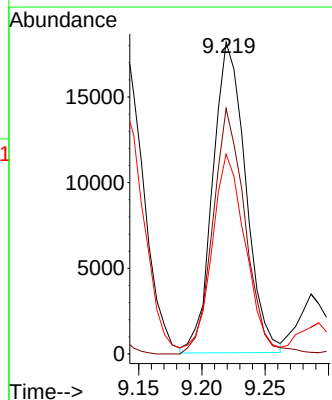
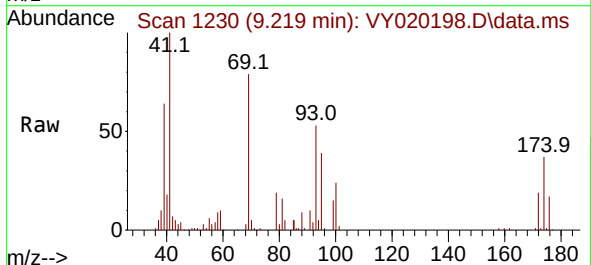
Instrument :
MSVOA_Y
ClientSampleId :

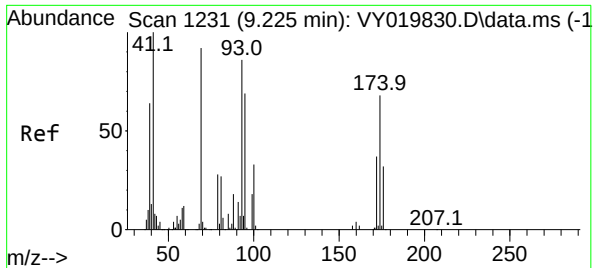
Tgt Ion: 83 Resp: 73682
Ion Ratio Lower Upper
83 100
85 60.3 50.1 75.1
127 7.9 7.4 11.0



#48
Methyl methacrylate
Concen: 21.749 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

Tgt Ion: 41 Resp: 32826
Ion Ratio Lower Upper
41 100
69 77.3 84.1 126.1#
39 61.1 43.6 65.4





#49

1,4-Dioxane

Concen: 465.560 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

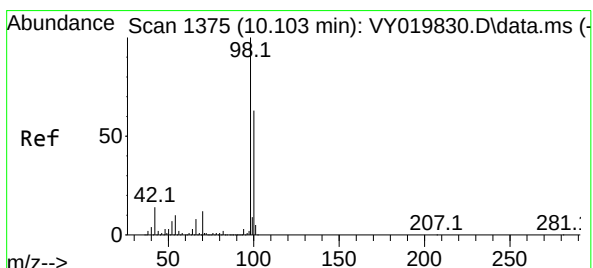
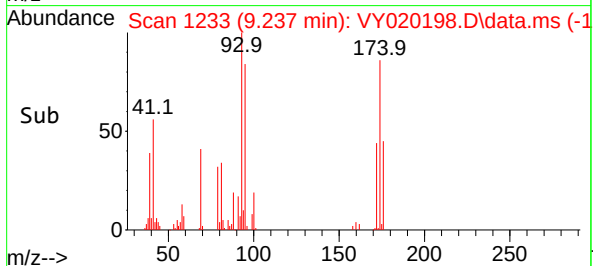
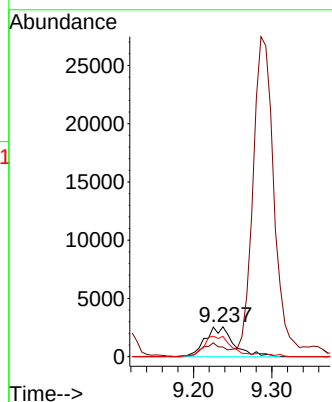
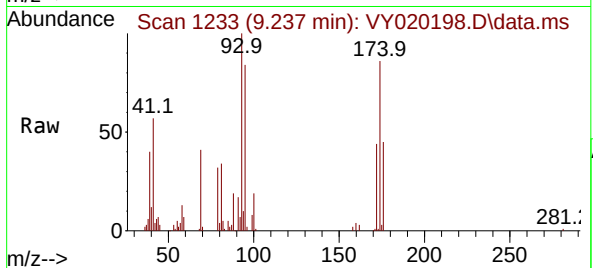
Tgt Ion: 88 Resp: 6446

Ion Ratio Lower Upper

88 100

43 34.7 0.0 0.0#

58 66.8 49.3 73.9



#50

Toluene-d8

Concen: 51.891 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020198.D

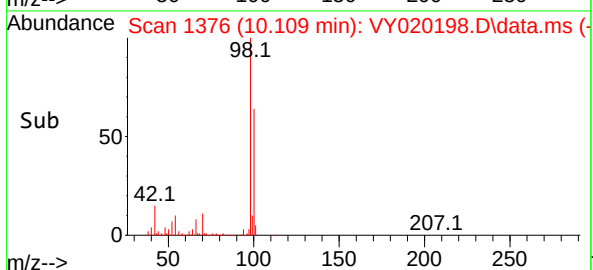
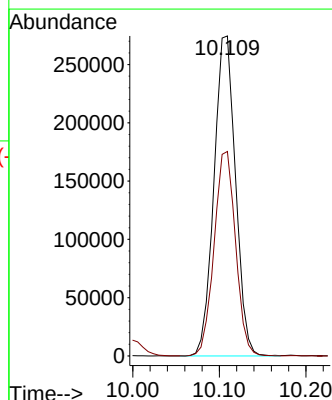
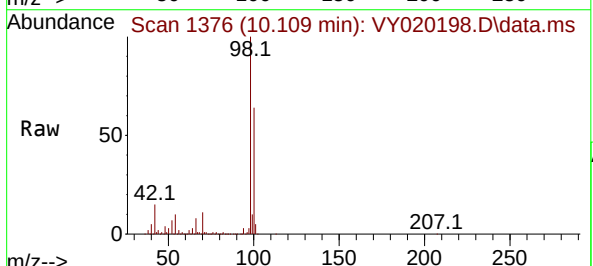
Acq: 07 Nov 2024 11:50

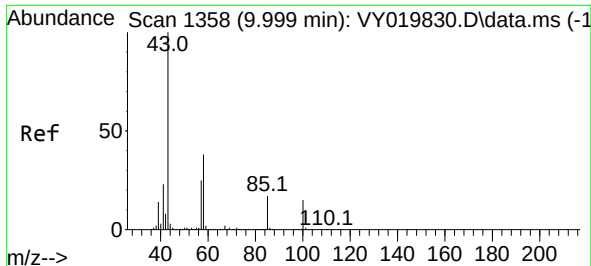
Tgt Ion: 98 Resp: 475219

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 108.316 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

Instrument :

MSVOA_Y

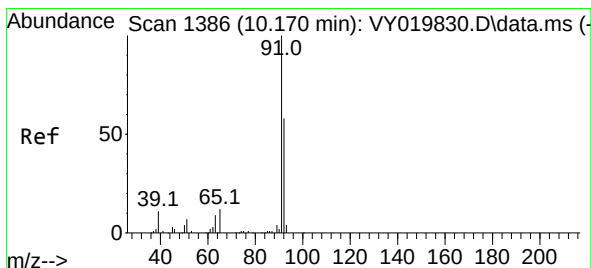
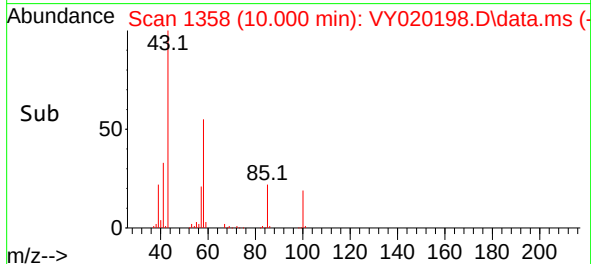
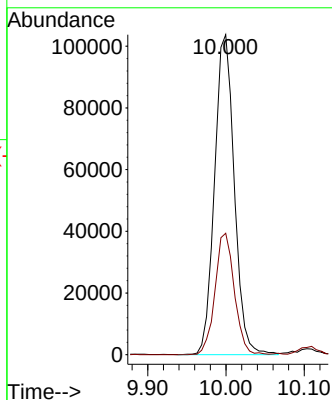
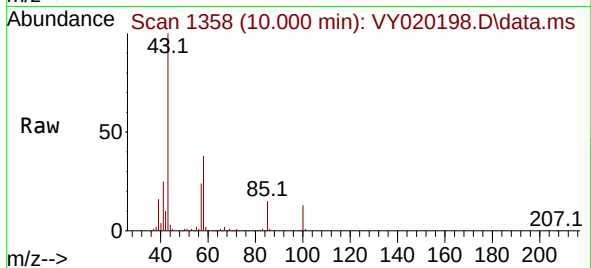
ClientSampleId :

Tgt Ion: 43 Resp: 181858

Ion Ratio Lower Upper

43 100

58 37.2 35.7 53.5



#52

Toluene

Concen: 21.401 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY020198.D

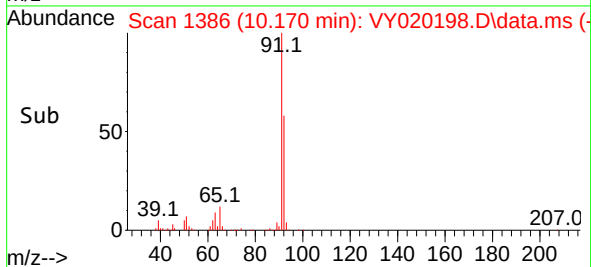
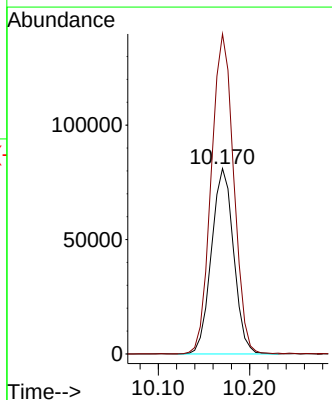
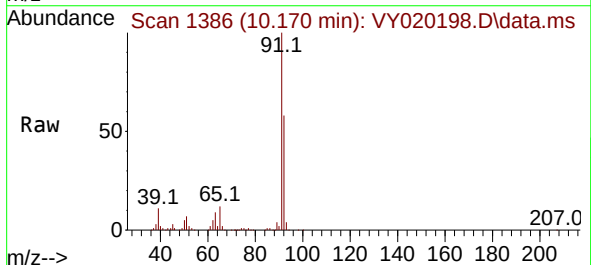
Acq: 07 Nov 2024 11:50

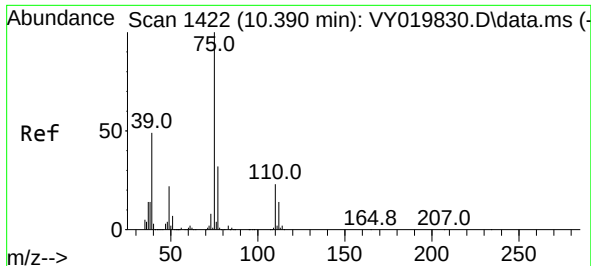
Tgt Ion: 92 Resp: 136852

Ion Ratio Lower Upper

92 100

91 175.3 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 20.688 ug/l

RT: 10.390 min Scan# 1422

Delta R.T. -0.006 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

Instrument :

MSVOA_Y

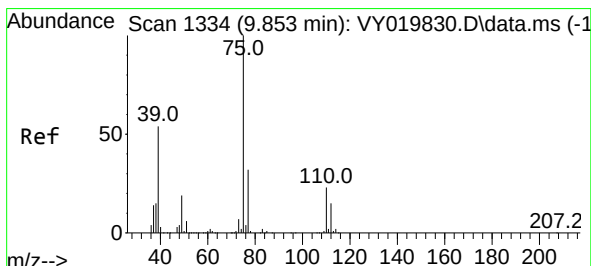
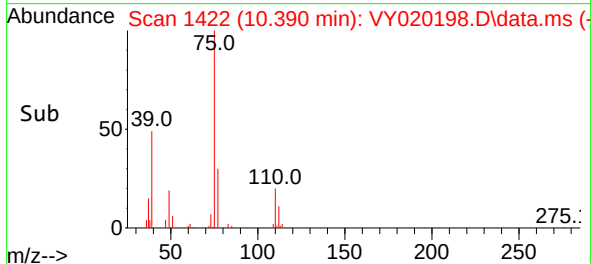
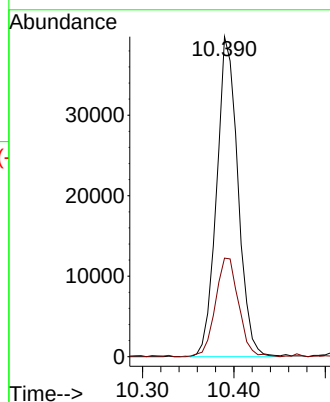
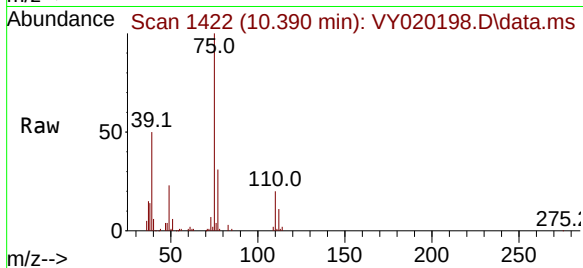
ClientSampleId :

Tgt Ion: 75 Resp: 64362

Ion Ratio Lower Upper

75 100

77 30.8 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 21.345 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

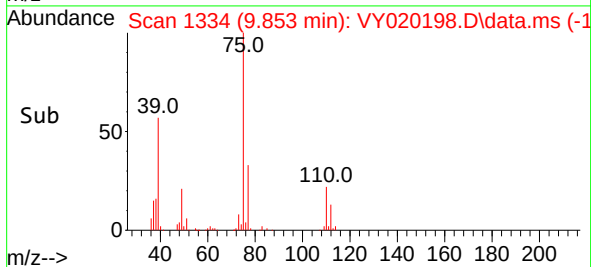
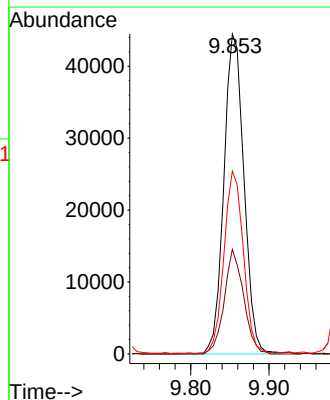
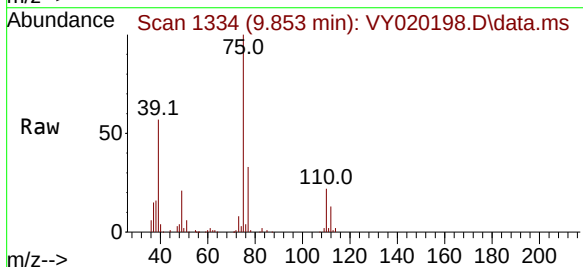
Tgt Ion: 75 Resp: 79261

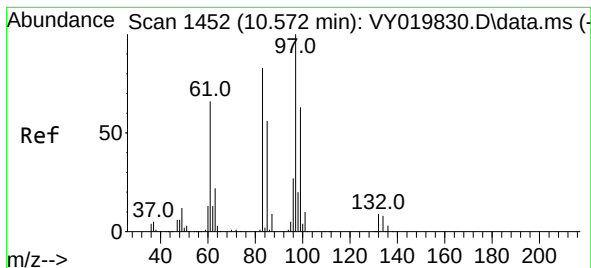
Ion Ratio Lower Upper

75 100

77 32.7 25.4 38.0

39 56.9 29.8 44.6#

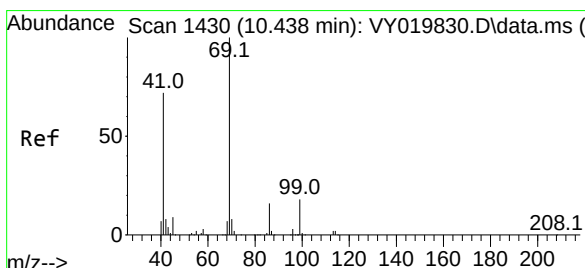
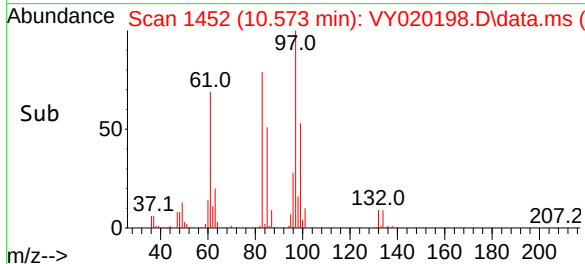
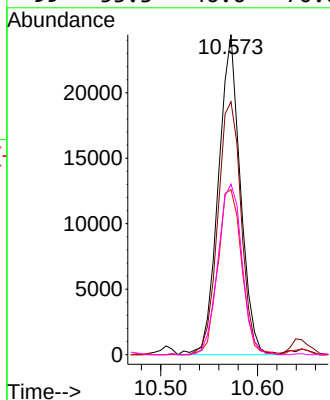
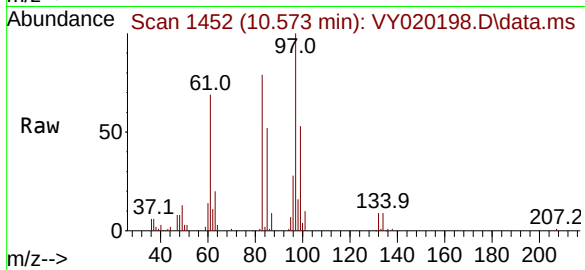




#55
 1,1,2-Trichloroethane
 Concen: 23.017 ug/l
 RT: 10.573 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: VY020198.D
 Acq: 07 Nov 2024 11:50

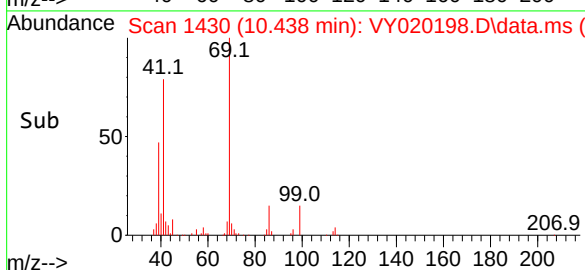
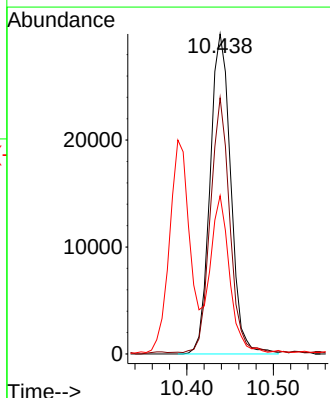
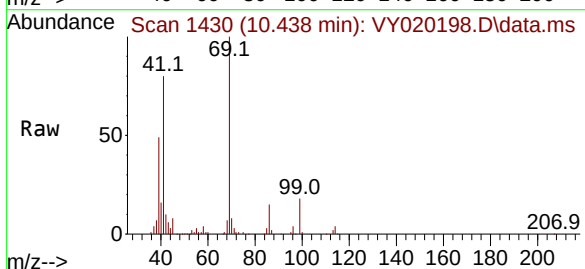
Instrument :
 MSVOA_Y
 ClientSampleId :

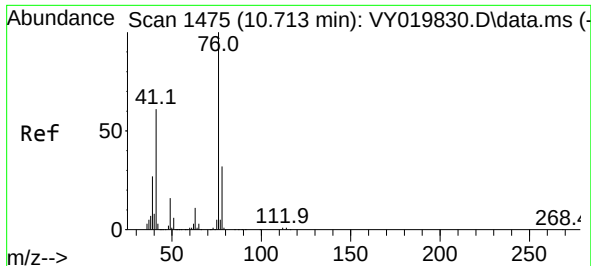
Tgt Ion: 97	Resp: 38486
Ion Ratio	Lower Upper
97 100	
83 79.0	67.5 101.3
85 51.6	42.9 64.3
99 53.3	46.6 70.0



#56
 Ethyl methacrylate
 Concen: 20.727 ug/l
 RT: 10.438 min Scan# 1430
 Delta R.T. 0.000 min
 Lab File: VY020198.D
 Acq: 07 Nov 2024 11:50

Tgt Ion: 69	Resp: 49714
Ion Ratio	Lower Upper
69 100	
41 75.1	42.3 63.5#
39 46.1	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 21.542 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

Instrument :

MSVOA_Y

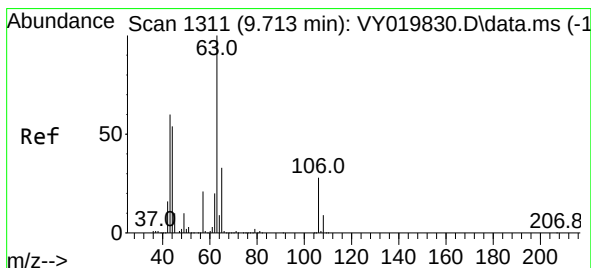
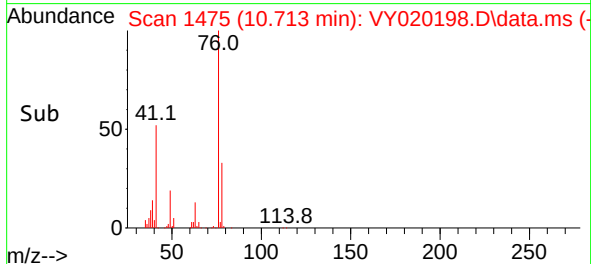
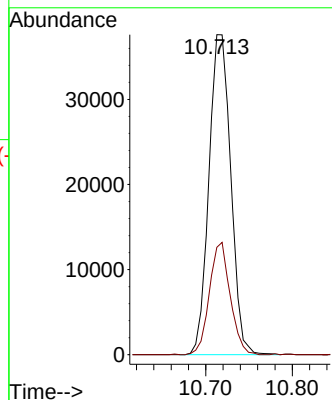
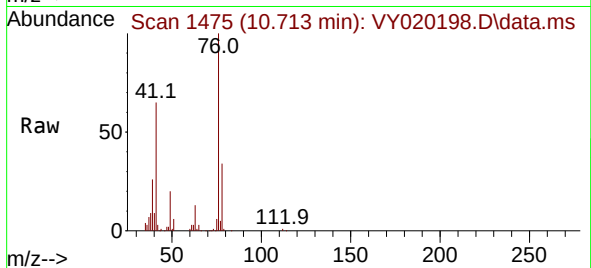
ClientSampleId :

Tgt Ion: 76 Resp: 65962

Ion Ratio Lower Upper

76 100

78 33.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 101.622 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY020198.D

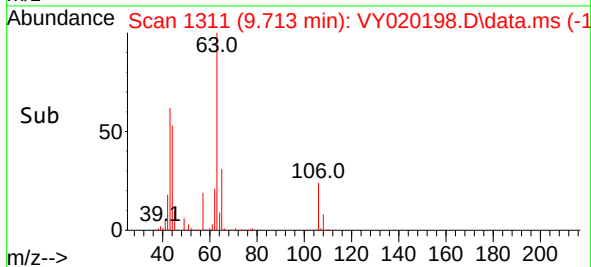
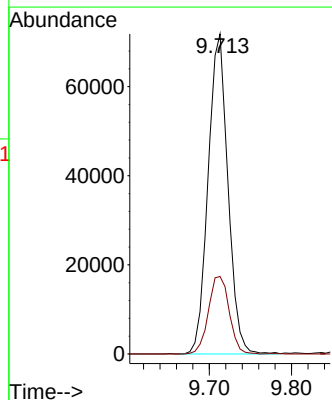
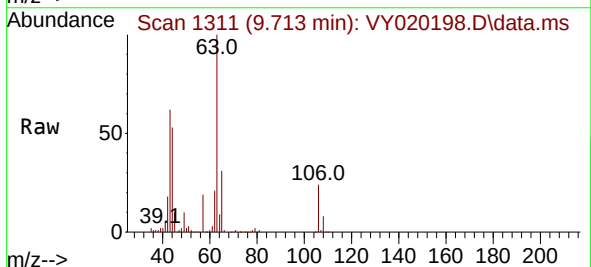
Acq: 07 Nov 2024 11:50

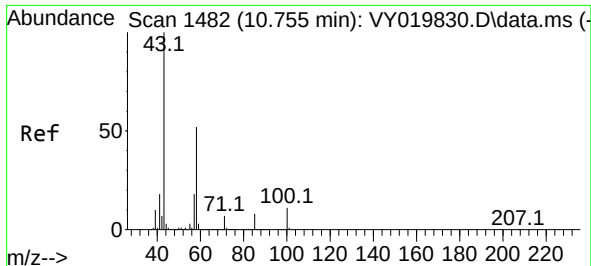
Tgt Ion: 63 Resp: 120207

Ion Ratio Lower Upper

63 100

106 25.4 23.7 35.5

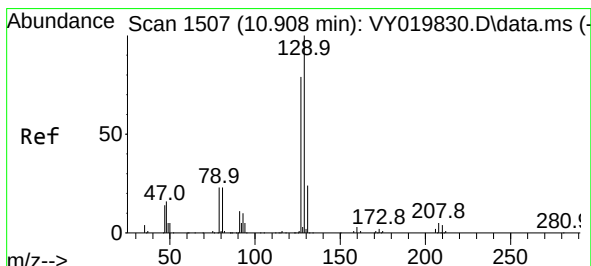
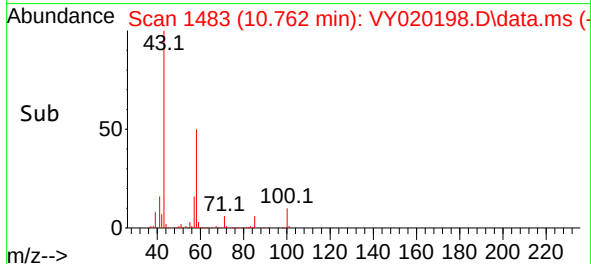
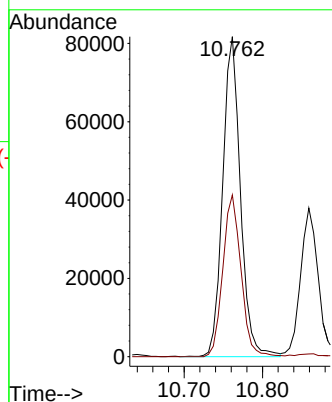
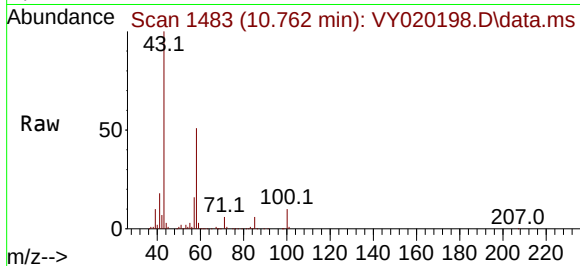




#59
2-Hexanone
Concen: 107.104 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

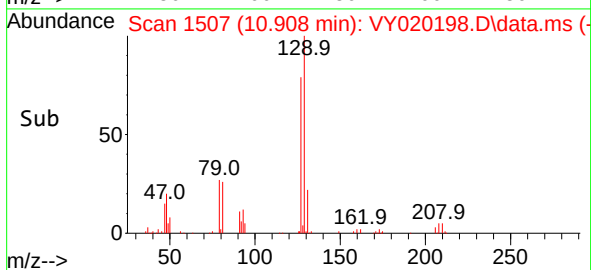
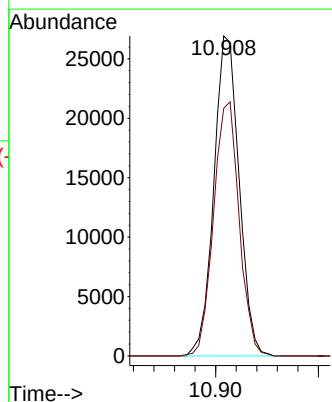
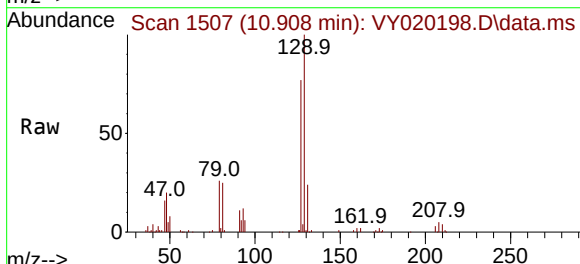
Instrument :
MSVOA_Y
ClientSampleId :

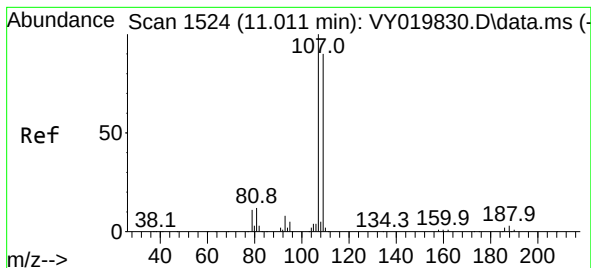
Tgt Ion: 43 Resp: 128919
Ion Ratio Lower Upper
43 100
58 51.7 31.4 94.0



#60
Dibromochloromethane
Concen: 21.540 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

Tgt Ion: 129 Resp: 45911
Ion Ratio Lower Upper
129 100
127 80.3 39.0 117.0





#61

1,2-Dibromoethane

Concen: 21.430 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

Instrument :

MSVOA_Y

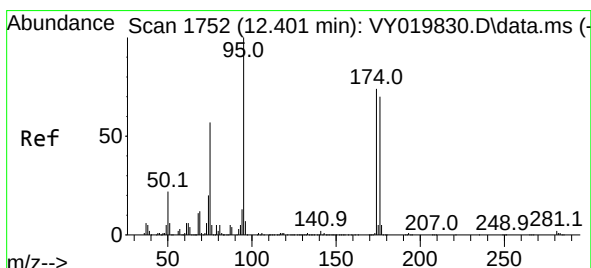
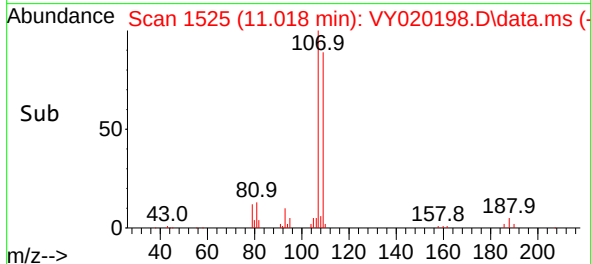
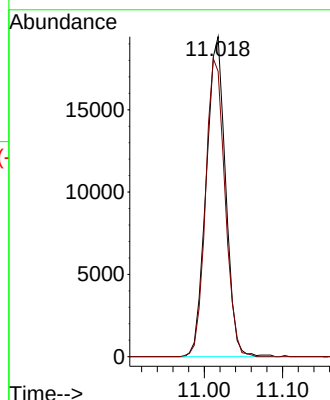
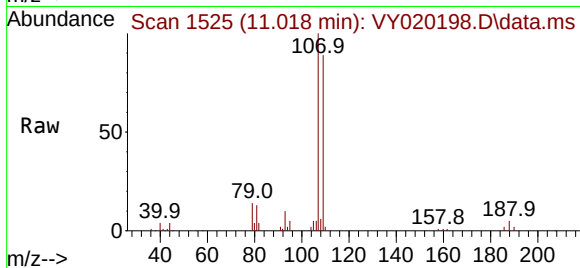
ClientSampleId :

Tgt Ion:107 Resp: 33292

Ion Ratio Lower Upper

107 100

109 93.2 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 52.244 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

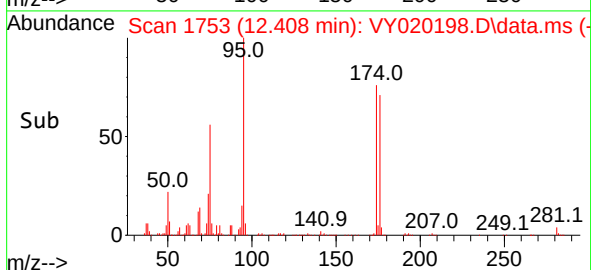
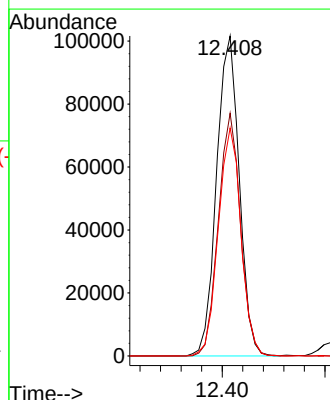
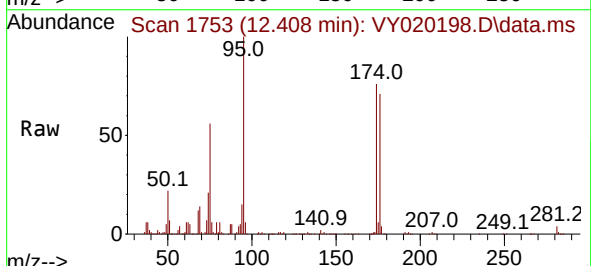
Tgt Ion: 95 Resp: 155407

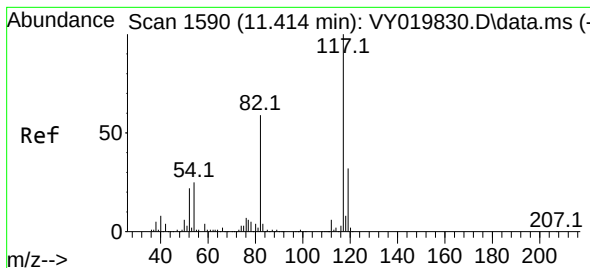
Ion Ratio Lower Upper

95 100

174 73.9 0.0 175.6

176 71.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

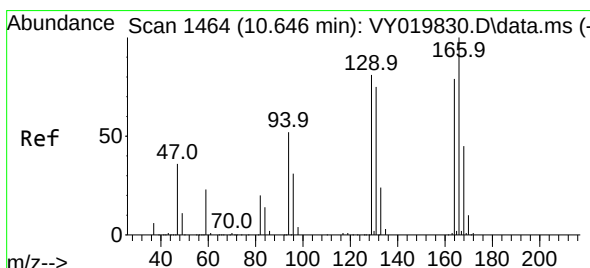
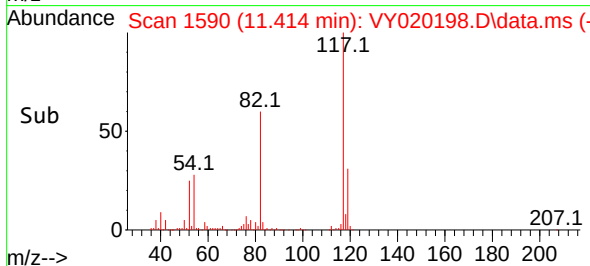
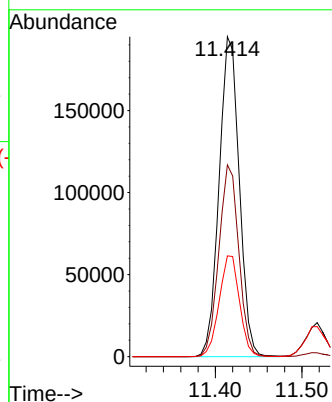
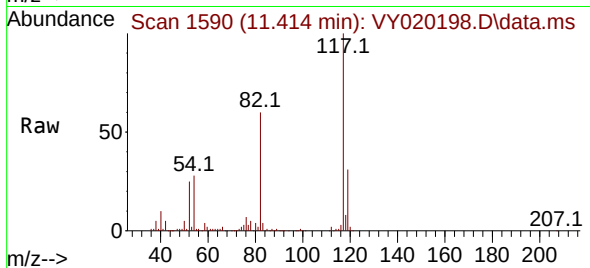
Tgt Ion:117 Resp: 315230

Ion Ratio Lower Upper

117 100

82 59.9 42.4 63.6

119 31.5 25.9 38.9



#64

Tetrachloroethene

Concen: 21.043 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

Tgt Ion:164 Resp: 43798

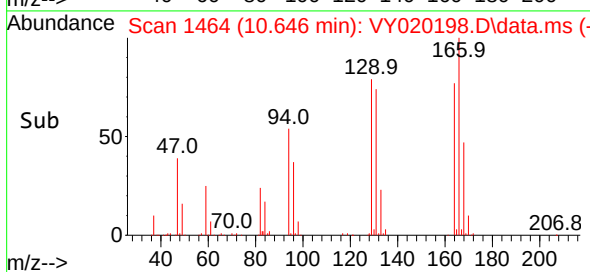
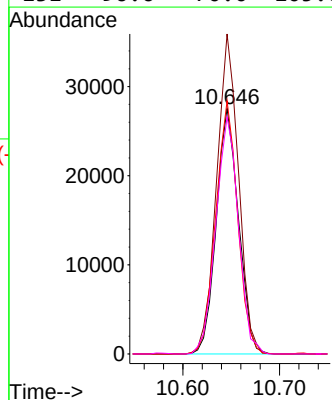
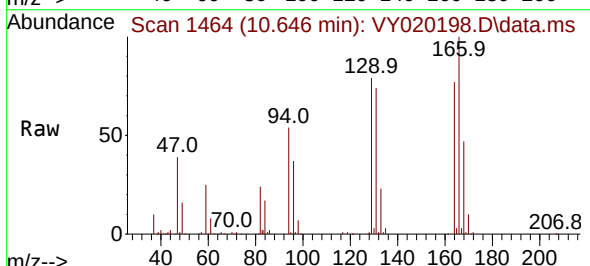
Ion Ratio Lower Upper

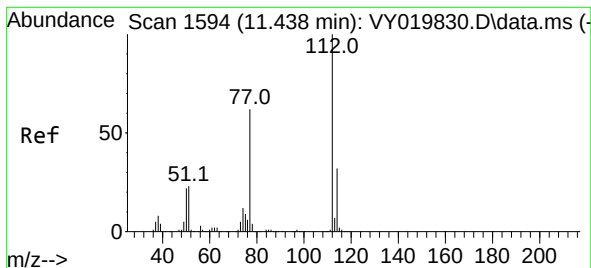
164 100

166 130.4 102.6 154.0

129 103.1 72.0 108.0

131 96.6 70.0 105.0





#65

Chlorobenzene

Concen: 20.971 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

Instrument :

MSVOA_Y

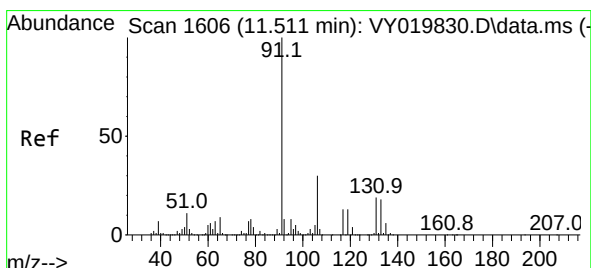
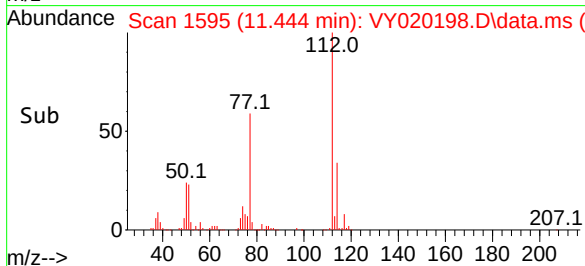
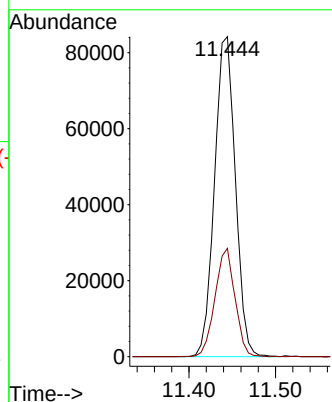
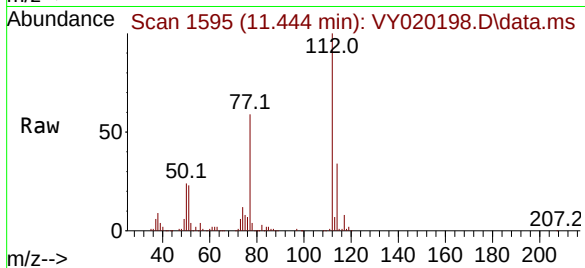
ClientSampleId :

Tgt Ion:112 Resp: 140859

Ion Ratio Lower Upper

112 100

114 33.8 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 21.274 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

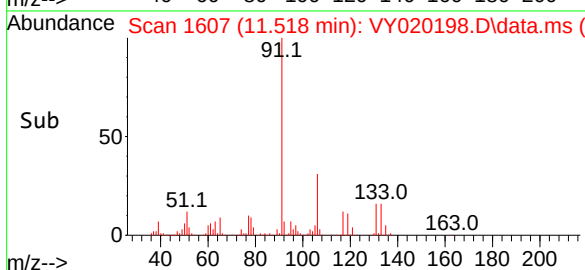
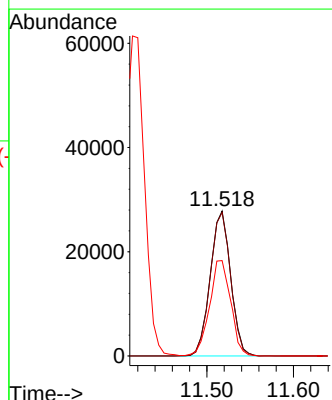
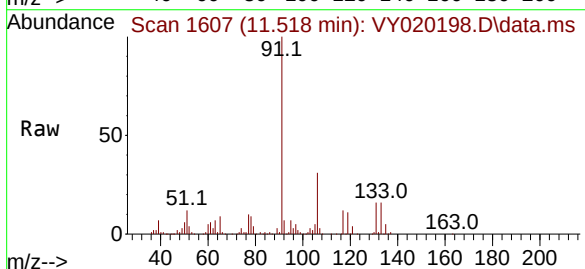
Tgt Ion:131 Resp: 45653

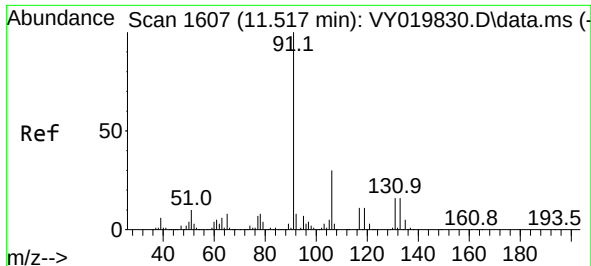
Ion Ratio Lower Upper

131 100

133 98.9 47.8 143.3

119 67.9 34.1 102.2

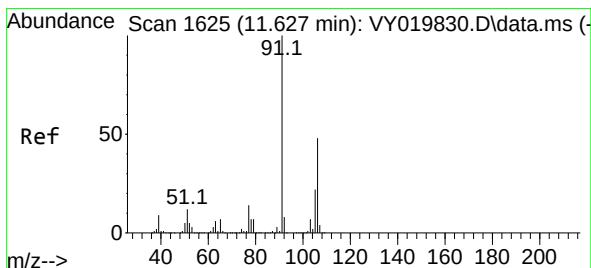
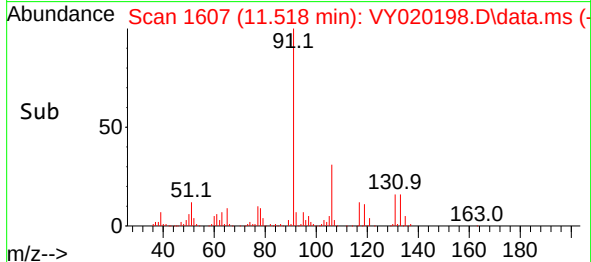
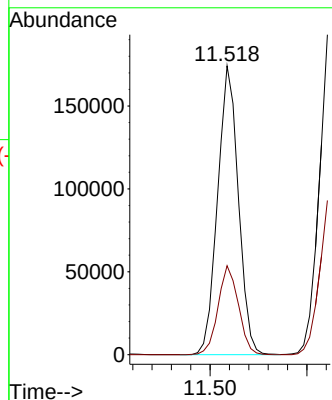
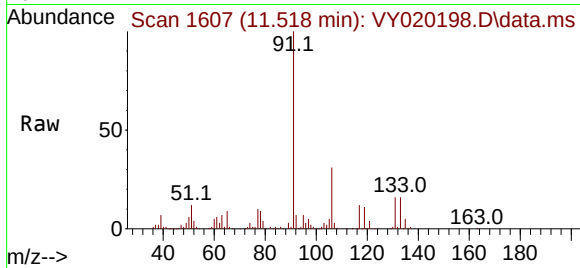




#67
Ethyl Benzene
Concen: 20.663 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

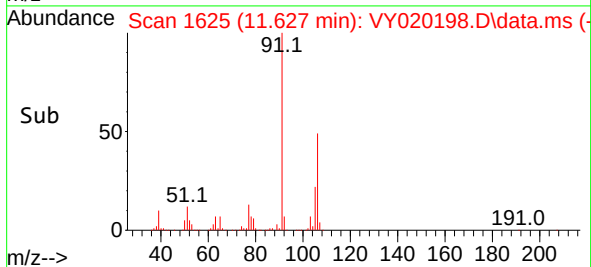
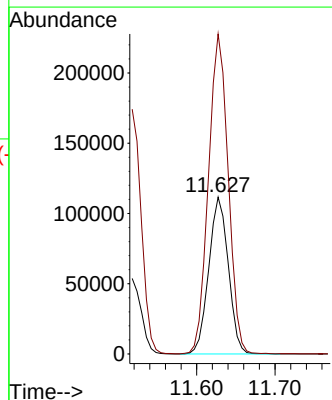
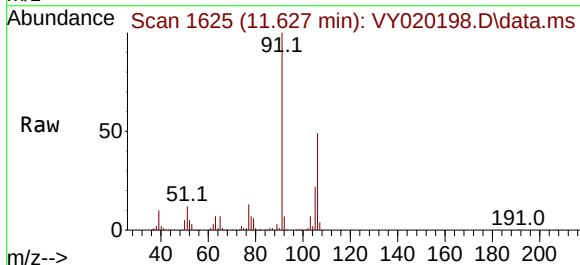
Instrument :
MSVOA_Y
ClientSampleId :

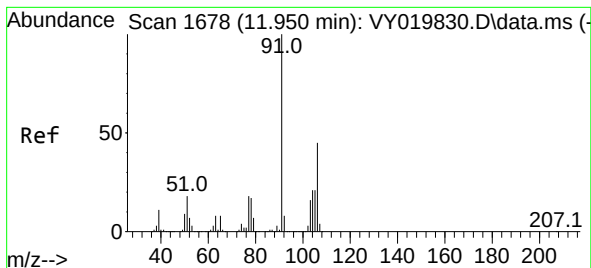
Tgt Ion: 91 Resp: 259439
Ion Ratio Lower Upper
91 100
106 30.8 24.5 36.7



#68
m/p-Xylenes
Concen: 42.090 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

Tgt Ion: 106 Resp: 193351
Ion Ratio Lower Upper
106 100
91 206.2 156.0 234.0





#69

o-Xylene

Concen: 21.051 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

Instrument :

MSVOA_Y

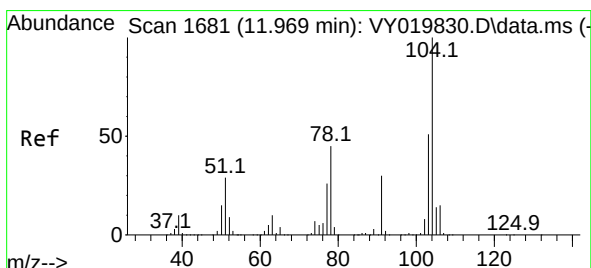
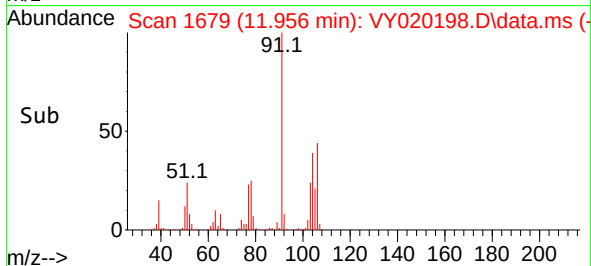
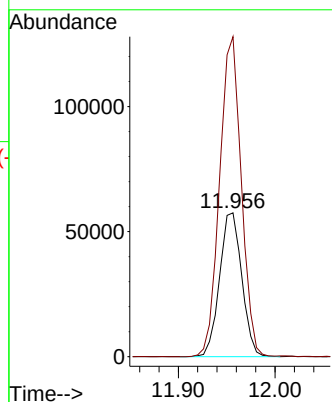
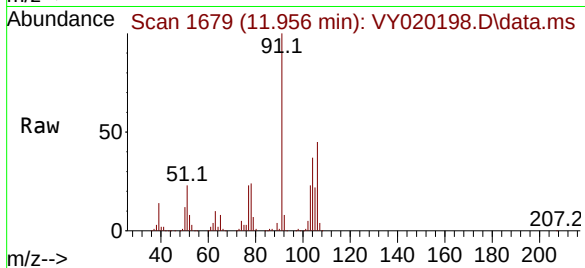
ClientSampleId :

Tgt Ion:106 Resp: 91553

Ion Ratio Lower Upper

106 100

91 217.3 103.6 310.8



#70

Styrene

Concen: 21.429 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

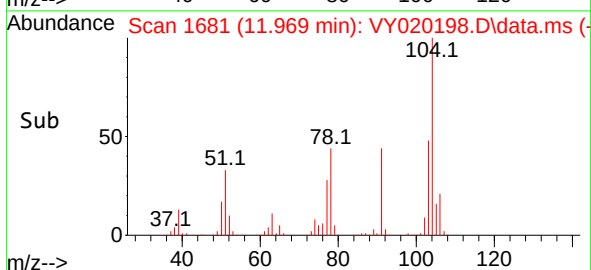
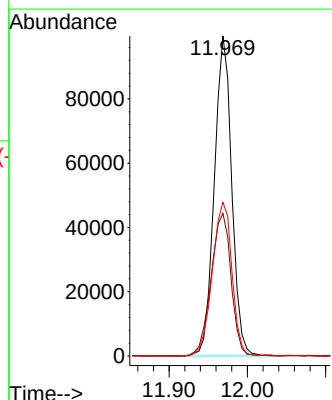
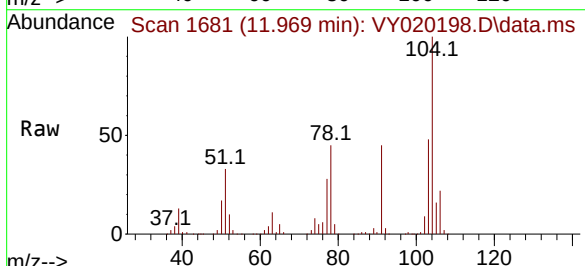
Tgt Ion:104 Resp: 154094

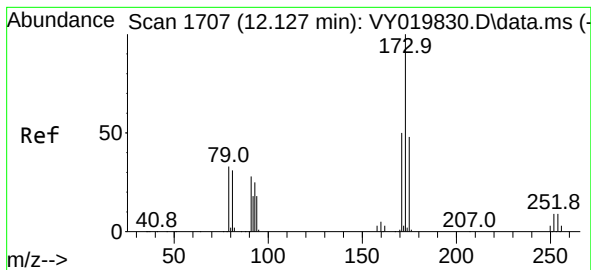
Ion Ratio Lower Upper

104 100

78 51.1 37.0 55.4

103 54.1 44.2 66.2





#71

Bromoform

Concen: 21.746 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

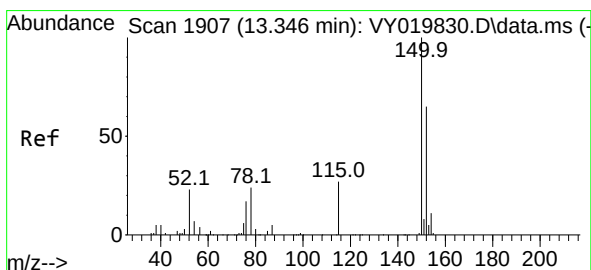
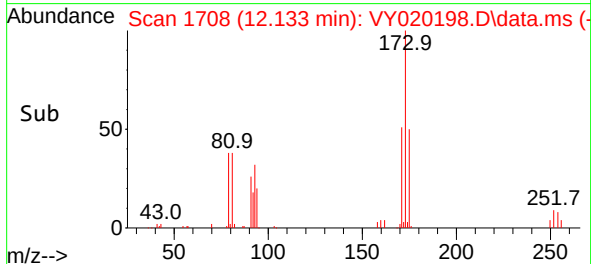
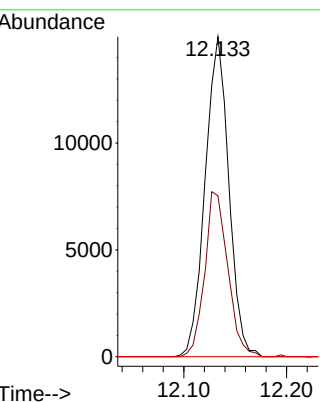
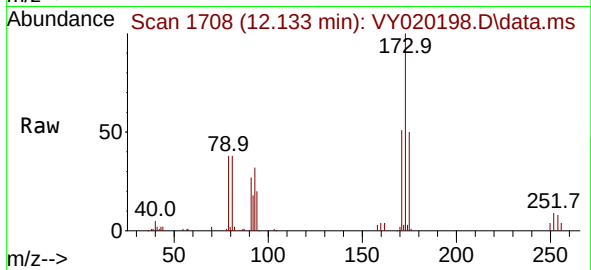
Tgt Ion:173 Resp: 23941

Ion Ratio Lower Upper

173 100

175 50.3 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

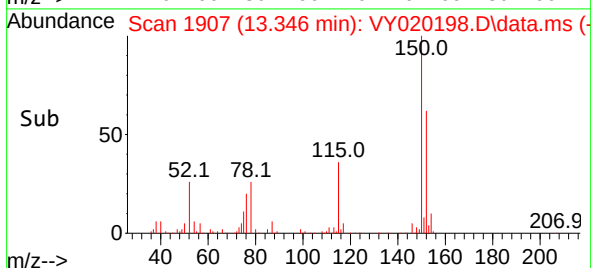
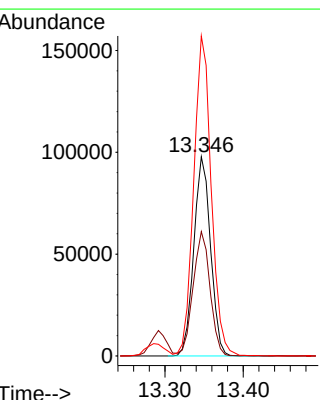
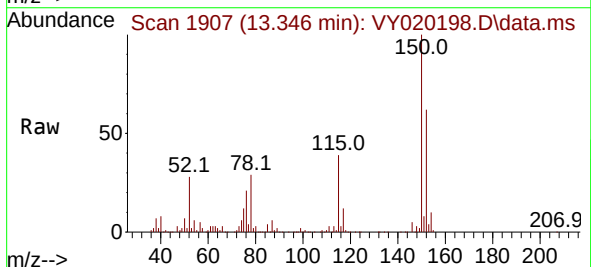
Tgt Ion:152 Resp: 144996

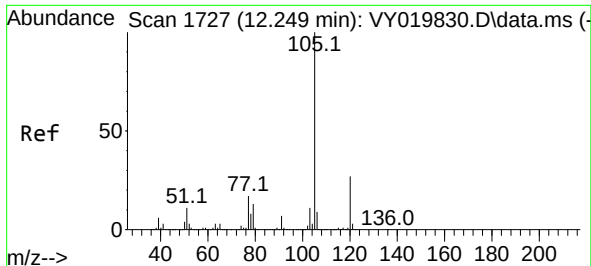
Ion Ratio Lower Upper

152 100

115 63.0 28.2 84.7

150 168.1 0.0 345.6

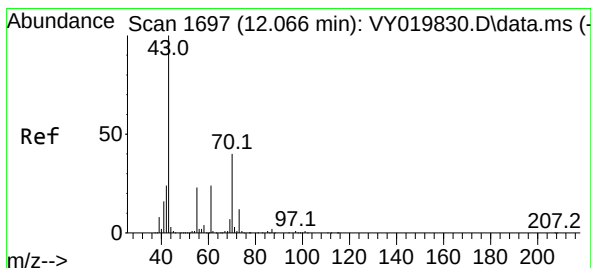
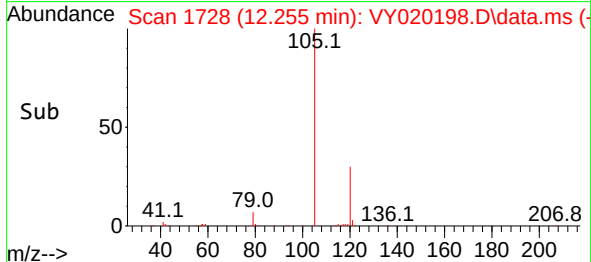
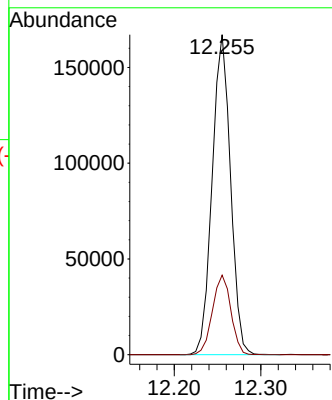
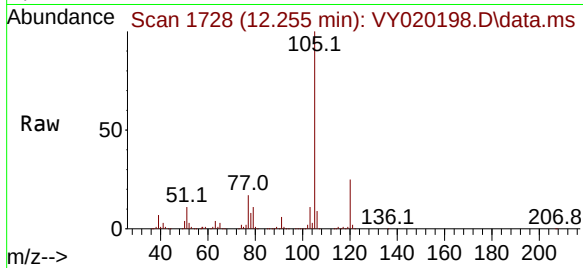




#73
Isopropylbenzene
Concen: 21.209 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

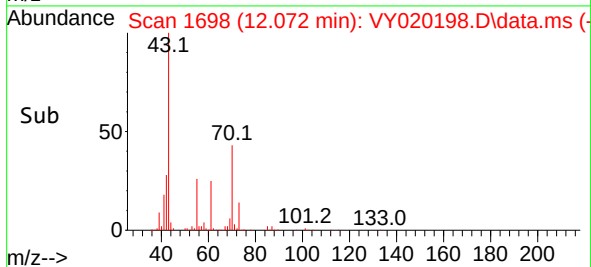
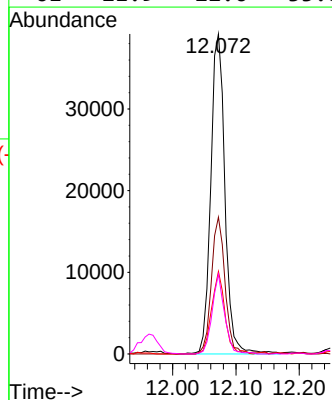
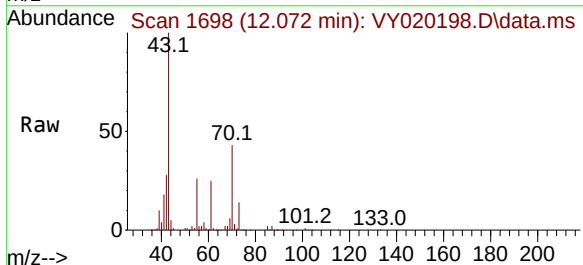
Instrument :
MSVOA_Y
ClientSampleId :

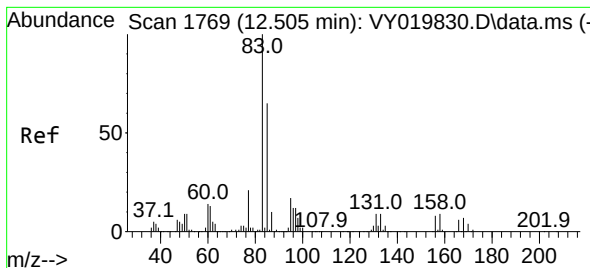
Tgt Ion:105 Resp: 245671
Ion Ratio Lower Upper
105 100
120 25.0 13.4 40.1



#74
N-ethyl acetate
Concen: 21.091 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

Tgt Ion: 43 Resp: 61069
Ion Ratio Lower Upper
43 100
70 40.9 41.4 62.2#
55 24.2 23.3 34.9
61 21.9 22.6 33.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 21.143 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

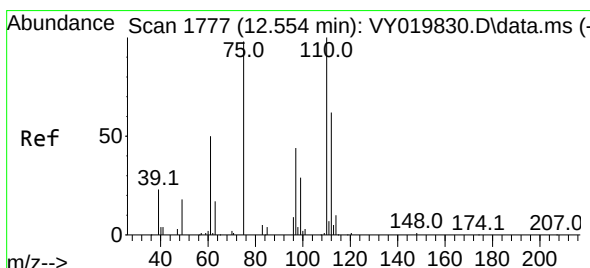
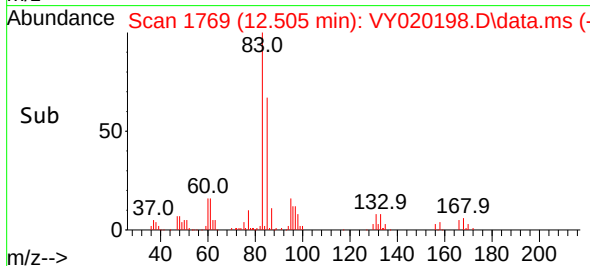
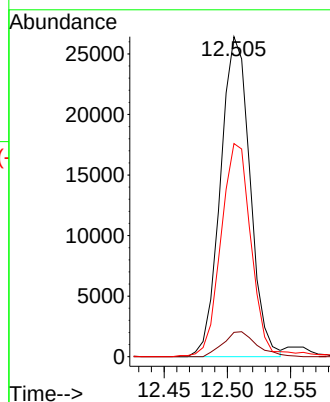
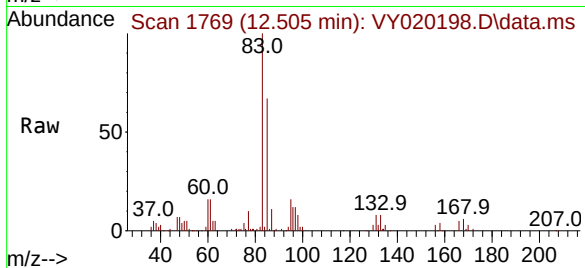
Tgt Ion: 83 Resp: 42830

Ion Ratio Lower Upper

83 100

131 8.8 5.0 14.9

85 68.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 41.181 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY020198.D

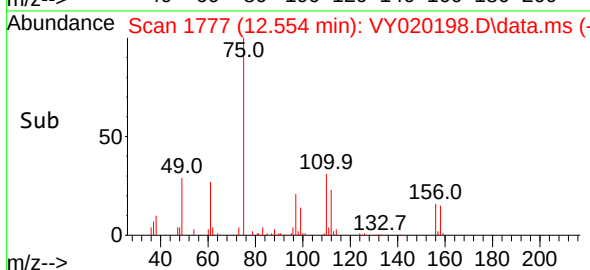
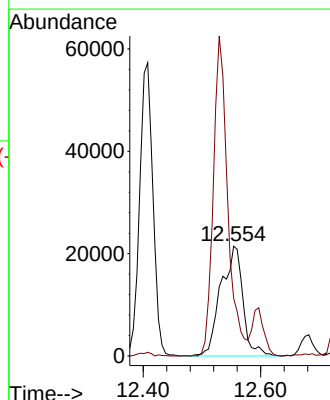
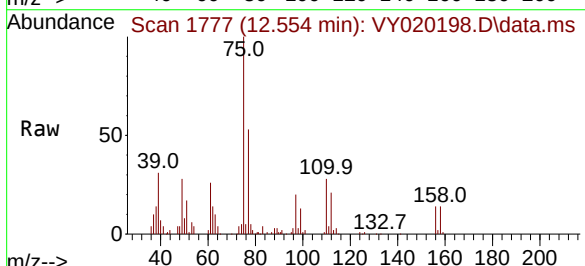
Acq: 07 Nov 2024 11:50

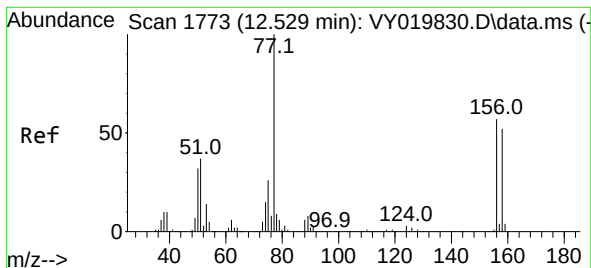
Tgt Ion: 75 Resp: 55973

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.547 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

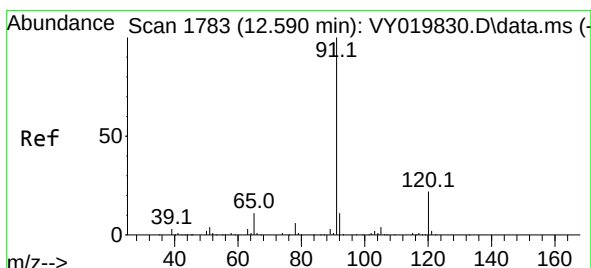
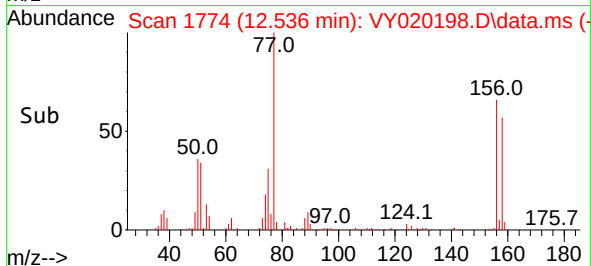
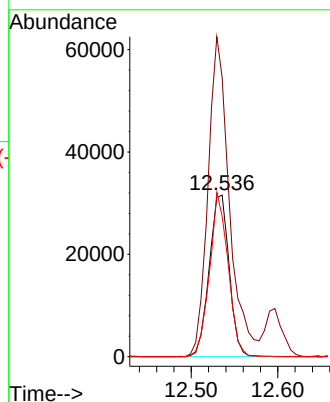
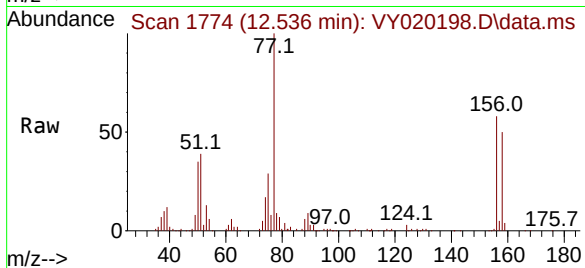
Tgt Ion:156 Resp: 50476

Ion Ratio Lower Upper

156 100

77 212.6 87.1 261.3

158 94.4 48.6 145.9



#78

n-propylbenzene

Concen: 21.234 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY020198.D

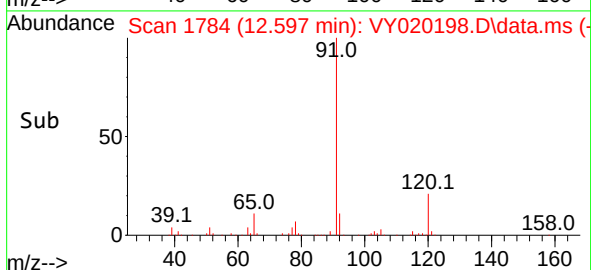
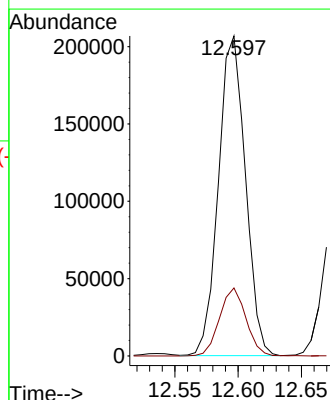
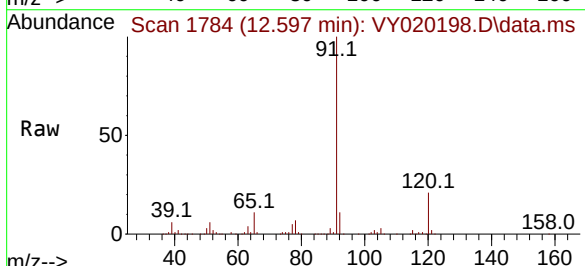
Acq: 07 Nov 2024 11:50

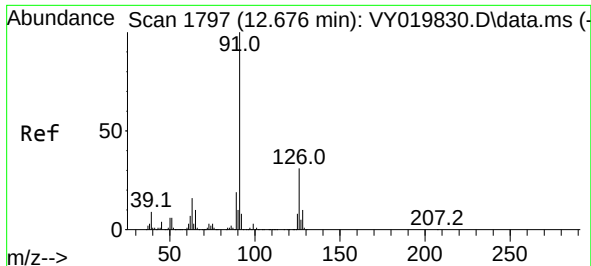
Tgt Ion: 91 Resp: 306102

Ion Ratio Lower Upper

91 100

120 20.9 11.5 34.4

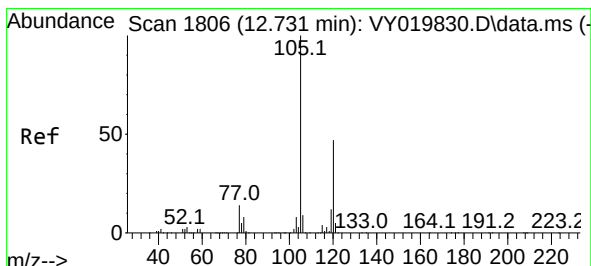
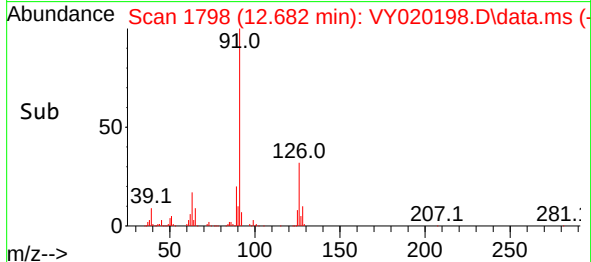
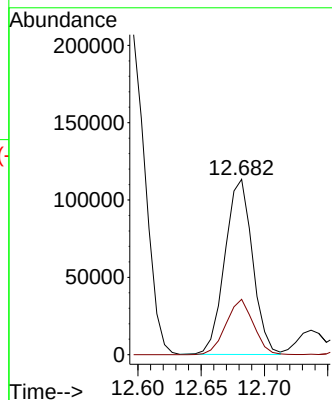
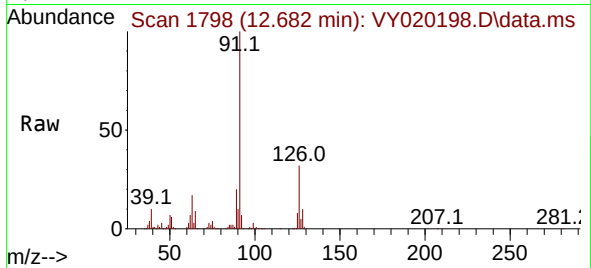




#79
2-Chlorotoluene
Concen: 21.586 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

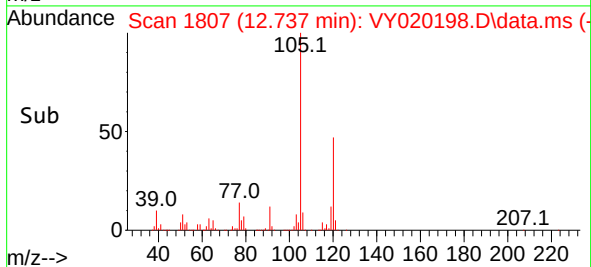
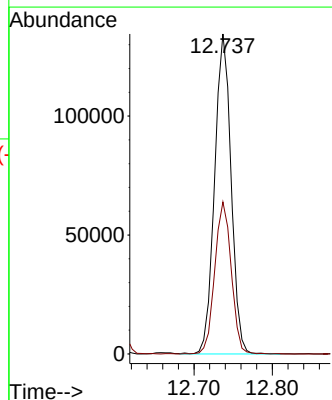
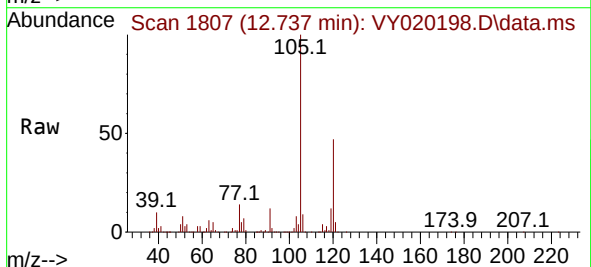
Instrument :
MSVOA_Y
ClientSampleId :

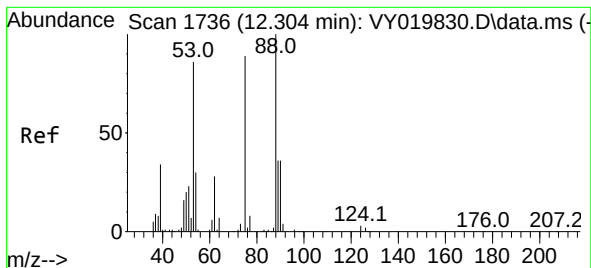
Tgt Ion: 91 Resp: 172728
Ion Ratio Lower Upper
91 100
126 31.2 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 21.168 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

Tgt Ion: 105 Resp: 196848
Ion Ratio Lower Upper
105 100
120 47.5 25.1 75.2

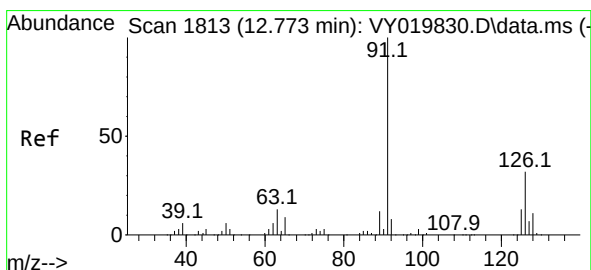
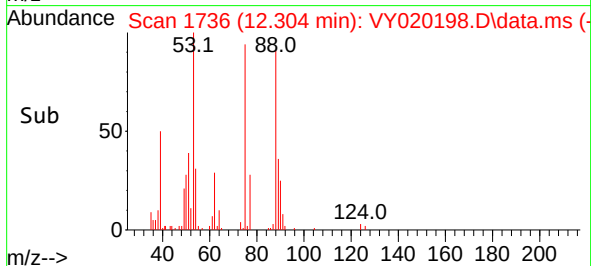
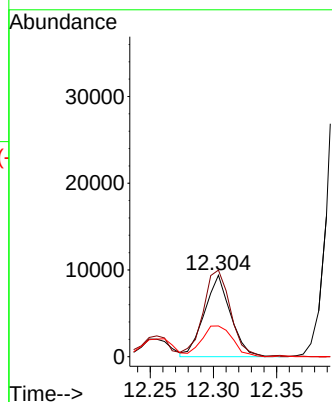
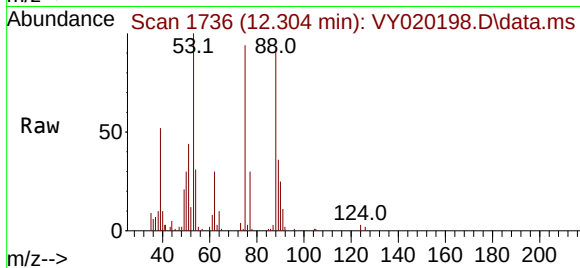




#81
trans-1,4-Dichloro-2-butene
Concen: 21.385 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

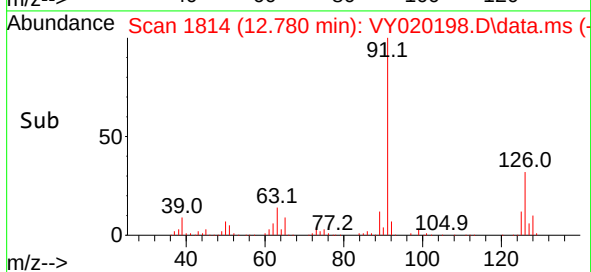
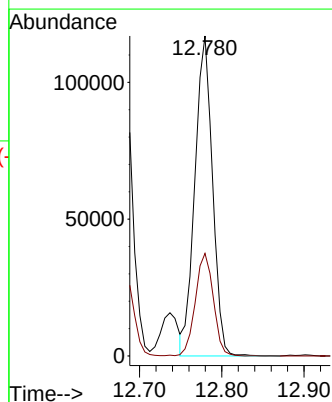
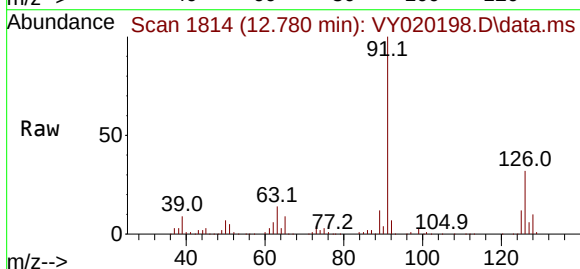
Instrument :
MSVOA_Y
ClientSampleId :

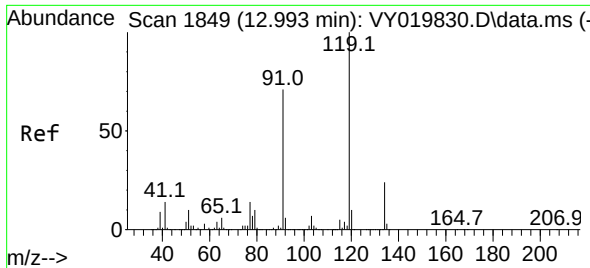
Tgt Ion: 75 Resp: 13513
Ion Ratio Lower Upper
75 100
53 108.4 66.8 100.2#
89 43.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 21.372 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

Tgt Ion: 91 Resp: 174374
Ion Ratio Lower Upper
91 100
126 32.7 17.6 52.9

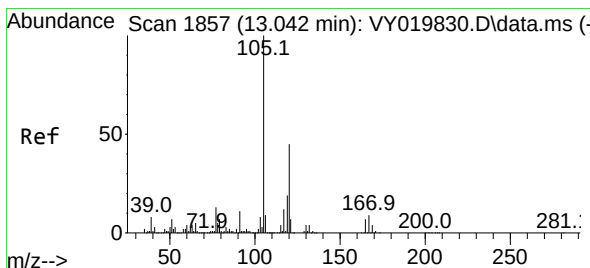
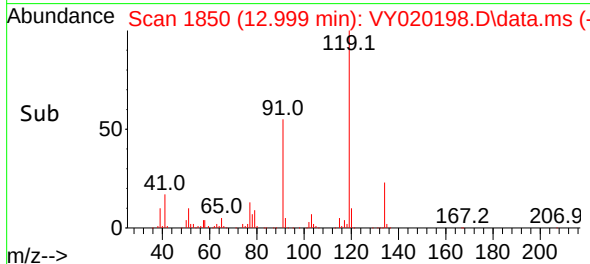
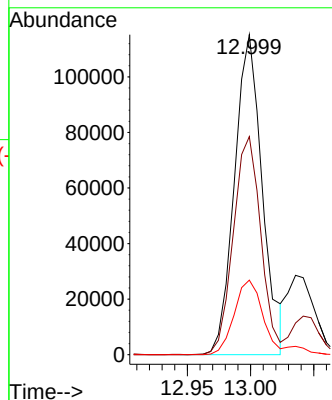
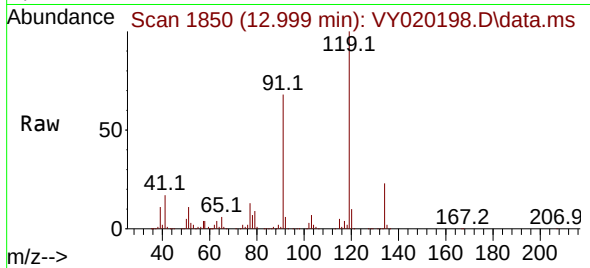




#83
tert-Butylbenzene
Concen: 21.709 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

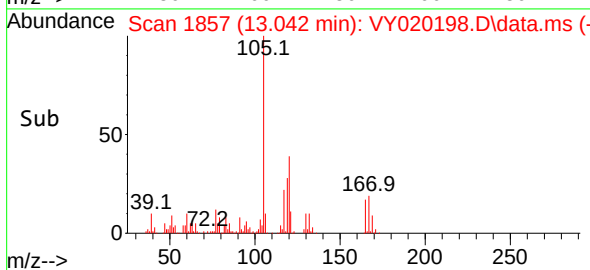
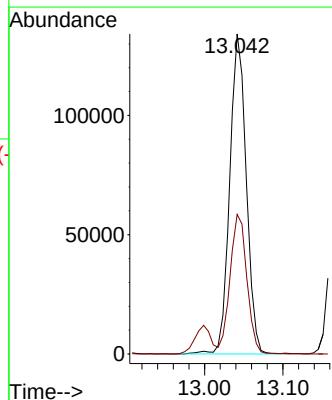
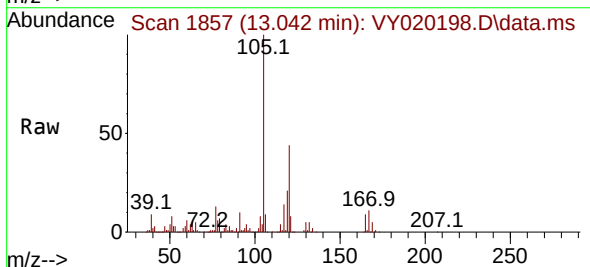
Instrument :
MSVOA_Y
ClientSampleId :

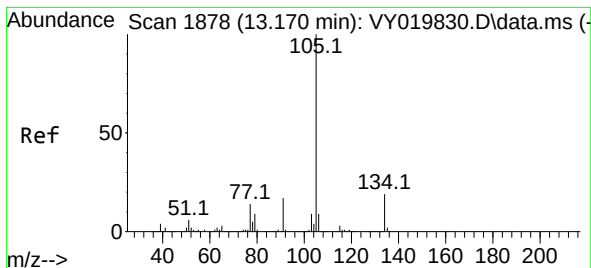
Tgt Ion:119 Resp: 176524
Ion Ratio Lower Upper
119 100
91 67.5 31.3 93.8
134 25.6 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 21.336 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY020198.D
Acq: 07 Nov 2024 11:50

Tgt Ion:105 Resp: 196517
Ion Ratio Lower Upper
105 100
120 44.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.681 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

Instrument :

MSVOA_Y

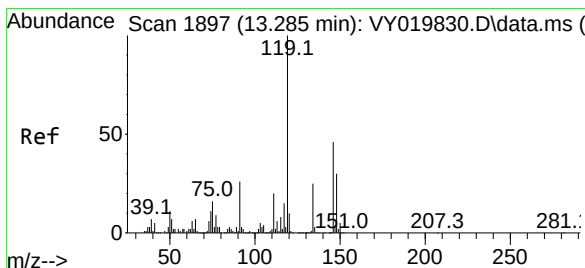
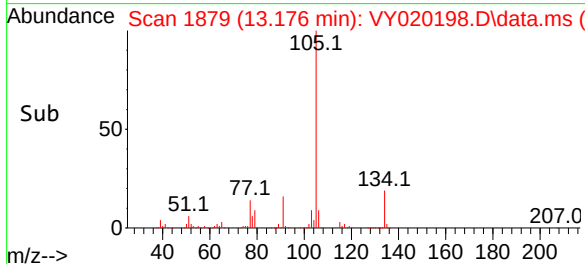
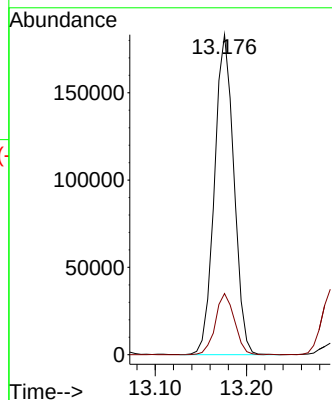
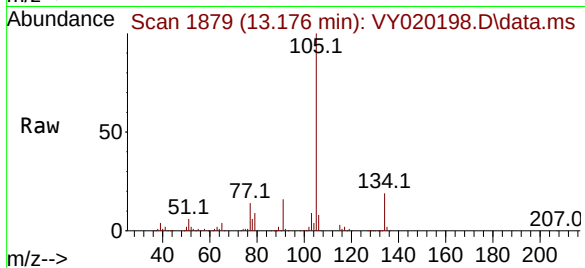
ClientSampleId :

Tgt Ion:105 Resp: 270645

Ion Ratio Lower Upper

105 100

134 18.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.151 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

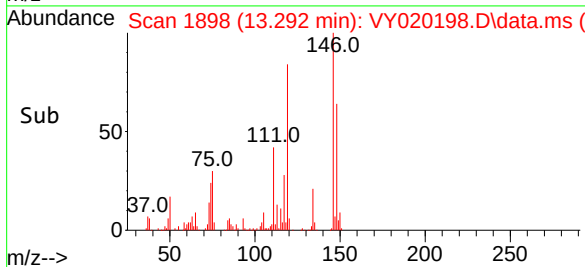
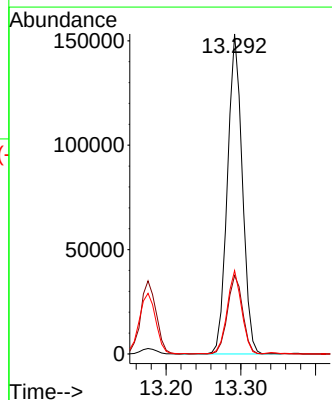
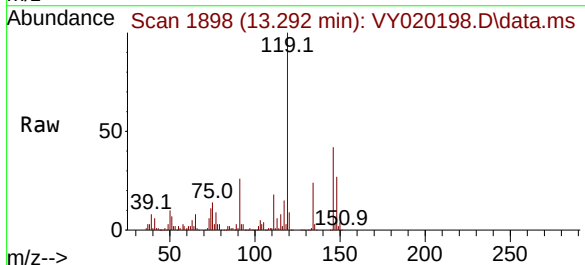
Tgt Ion:119 Resp: 211880

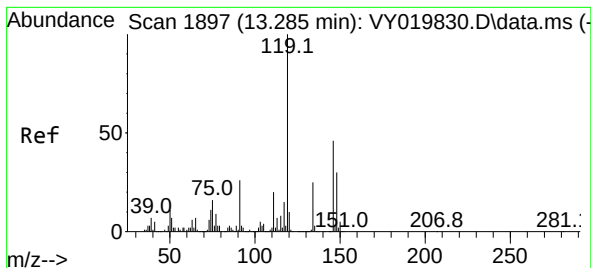
Ion Ratio Lower Upper

119 100

134 24.9 13.1 39.3

91 25.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 21.492 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

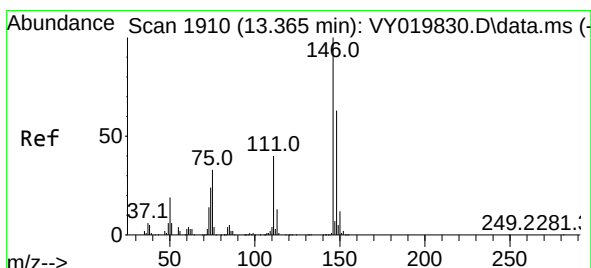
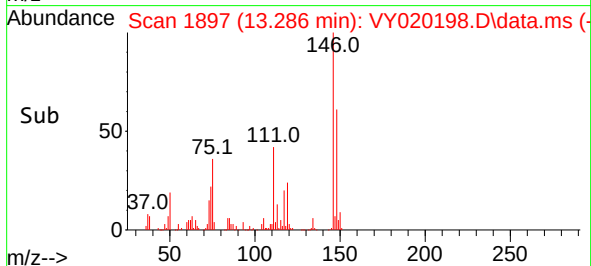
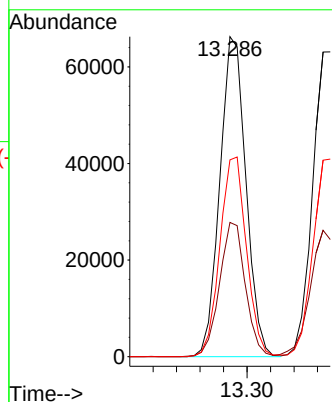
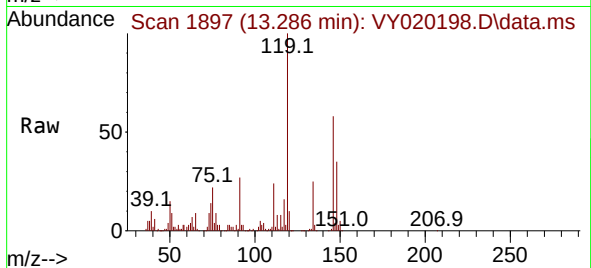
Tgt Ion:146 Resp: 102280

Ion Ratio Lower Upper

146 100

111 41.6 19.0 57.0

148 63.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 21.612 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

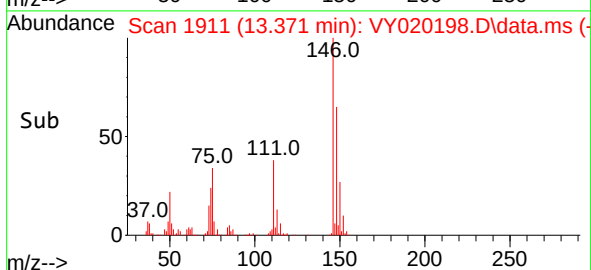
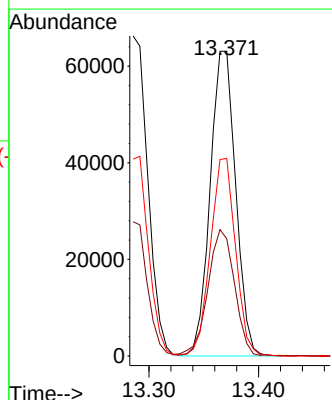
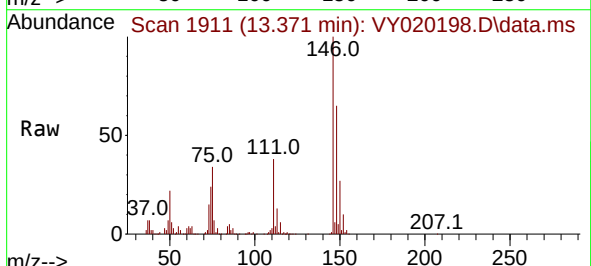
Tgt Ion:146 Resp: 102422

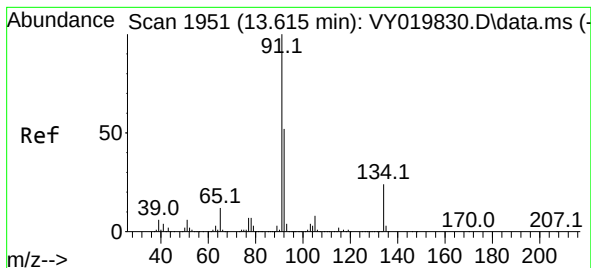
Ion Ratio Lower Upper

146 100

111 43.3 18.4 55.4

148 63.7 32.4 97.2





#89

n-Butylbenzene

Concen: 21.413 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

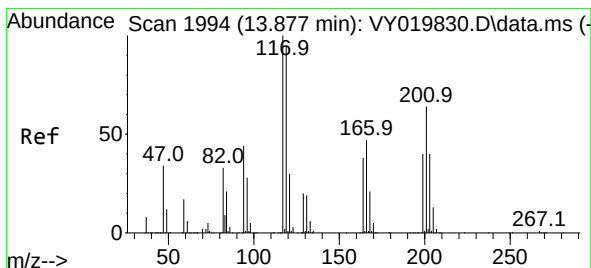
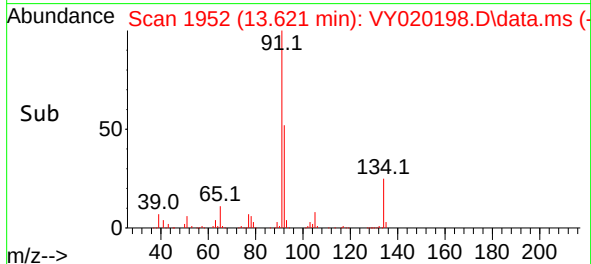
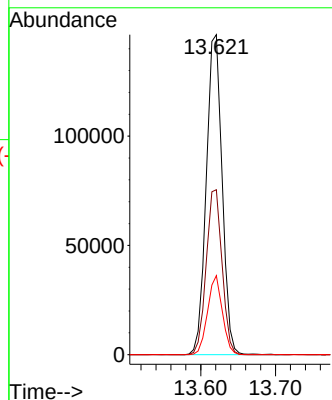
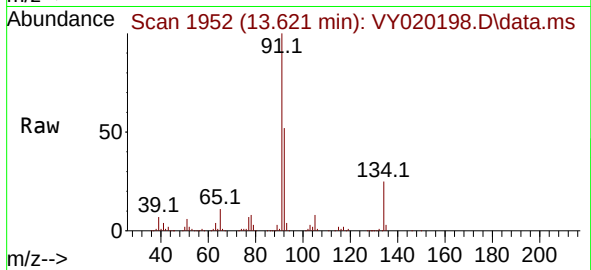
Tgt Ion: 91 Resp: 215025

Ion Ratio Lower Upper

91 100

92 51.6 26.6 79.7

134 23.1 12.9 38.7



#90

Hexachloroethane

Concen: 21.835 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY020198.D

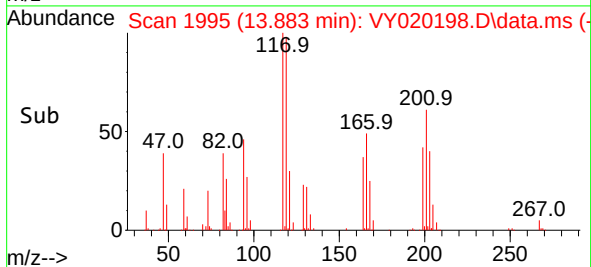
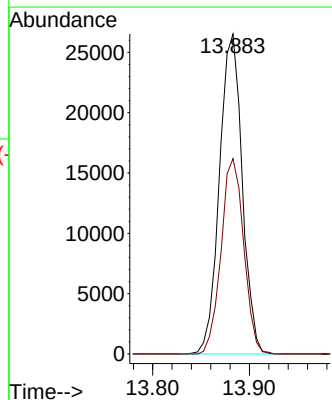
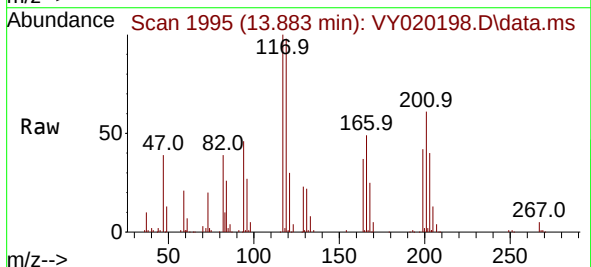
Acq: 07 Nov 2024 11:50

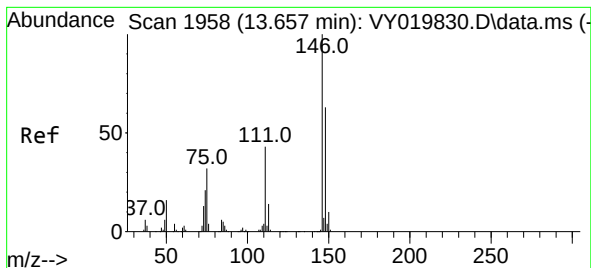
Tgt Ion: 117 Resp: 43258

Ion Ratio Lower Upper

117 100

201 60.6 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 21.746 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY020198.D

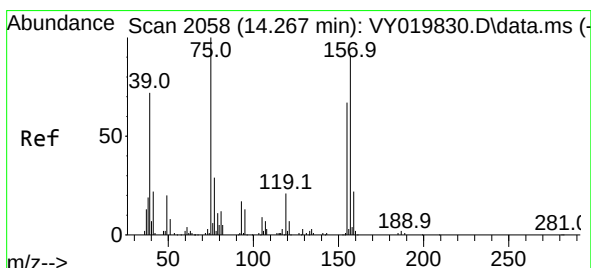
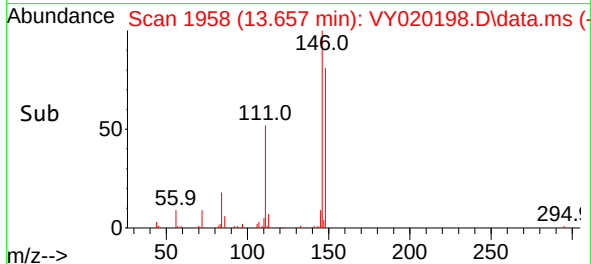
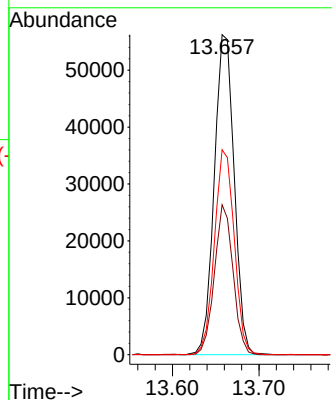
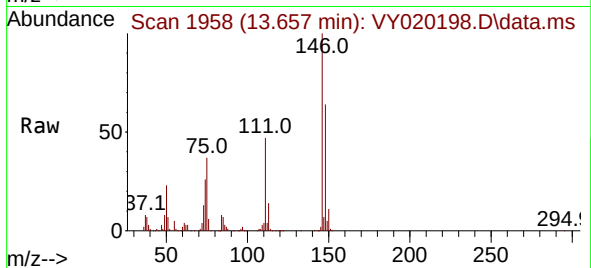
Acq: 07 Nov 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	146	Resp:	89950
Ion	Ratio	Lower	Upper
146	100		
111	43.8	19.9	59.7
148	63.7	31.8	95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.425 ug/l

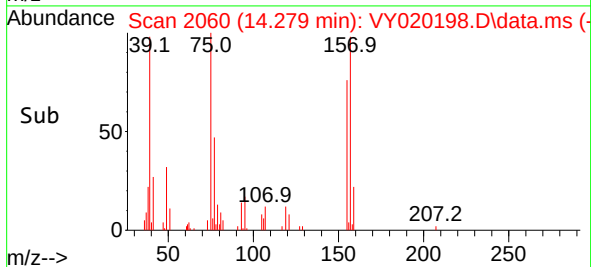
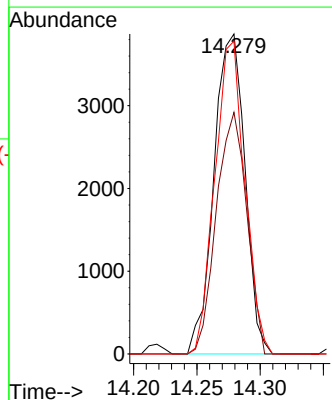
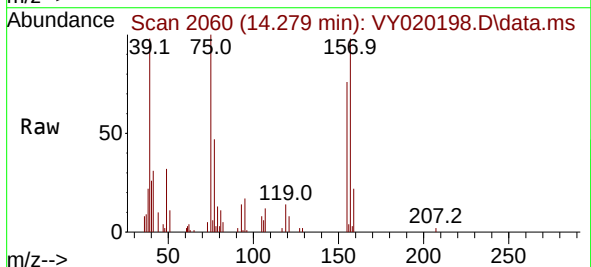
RT: 14.279 min Scan# 2060

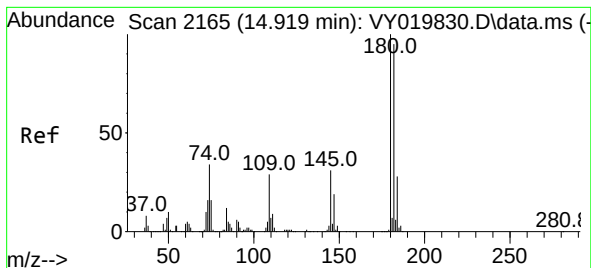
Delta R.T. 0.006 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

Tgt Ion:	75	Resp:	6582
Ion	Ratio	Lower	Upper
75	100		
155	74.1	48.6	145.8
157	94.8	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.687 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

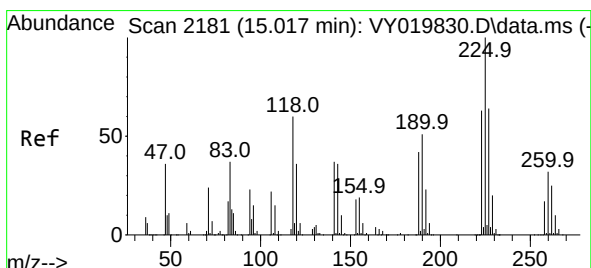
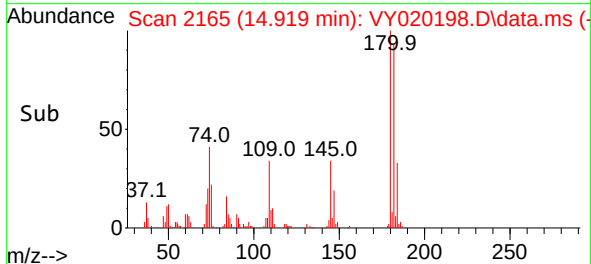
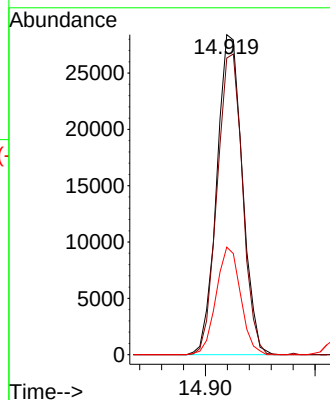
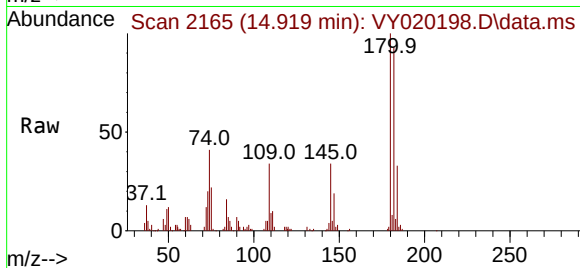
Tgt Ion:180 Resp: 45969

Ion Ratio Lower Upper

180 100

182 93.2 47.9 143.8

145 32.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 22.294 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

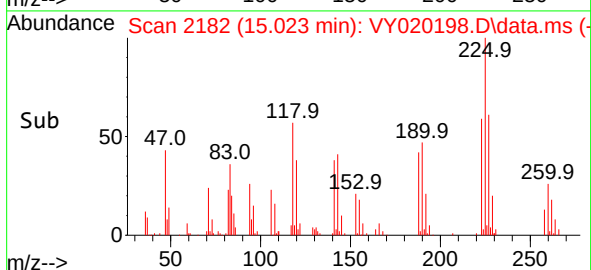
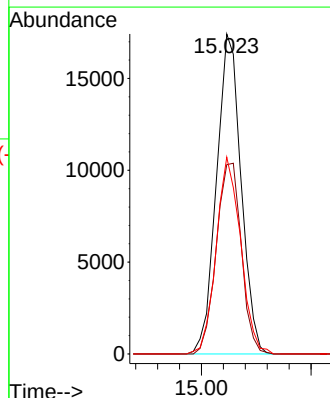
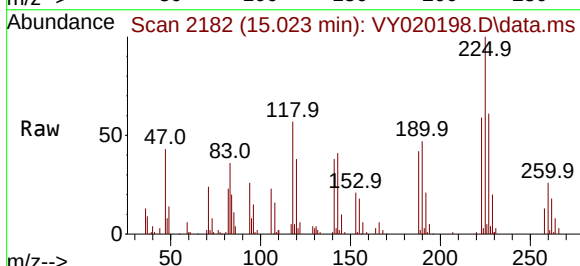
Tgt Ion:225 Resp: 27089

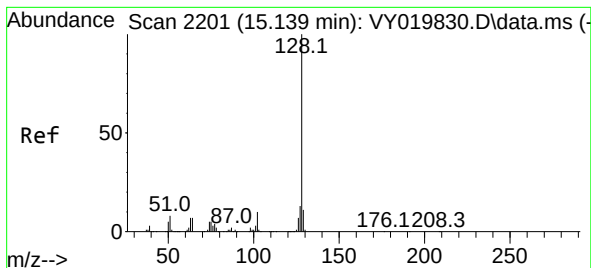
Ion Ratio Lower Upper

225 100

223 60.7 30.4 91.2

227 61.3 31.9 95.9





#95

Naphthalene

Concen: 19.464 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

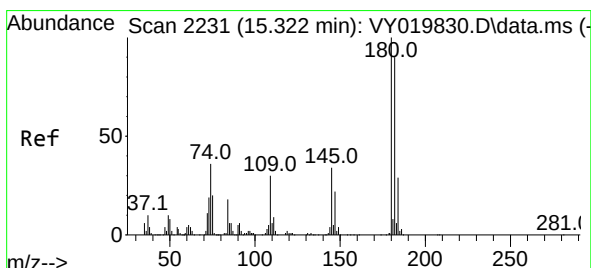
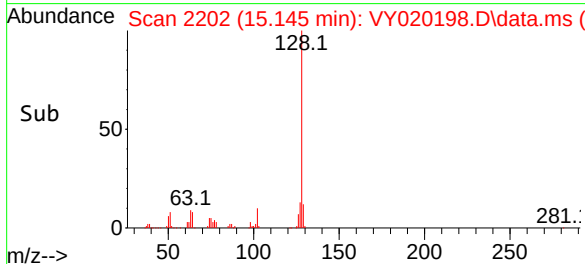
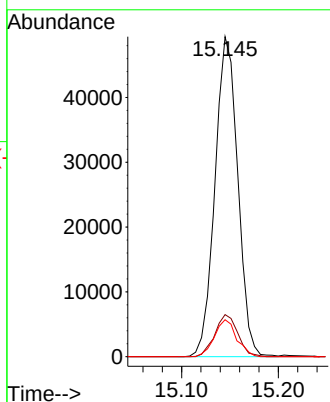
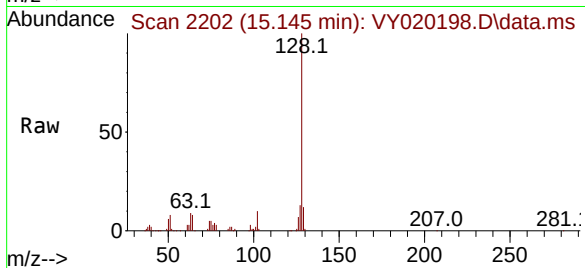
Tgt Ion:128 Resp: 80850

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.953 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY020198.D

Acq: 07 Nov 2024 11:50

Tgt Ion:180 Resp: 37637

Ion Ratio Lower Upper

180 100

182 95.7 47.6 142.9

145 34.2 15.4 46.1

