

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092524\
 Data File : VY019689.D
 Acq On : 25 Sep 2024 11:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 26 03:55:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	396829	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	672838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	569287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	276659	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	197905	53.858	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.720%	
35) Dibromofluoromethane	7.634	113	206737	54.192	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.380%	
50) Toluene-d8	10.109	98	744428	52.758	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.520%	
62) 4-Bromofluorobenzene	12.408	95	273277	50.369	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 100.740%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	96029	43.764	ug/l	99
3) Chloromethane	2.074	50	147469	44.916	ug/l	100
4) Vinyl Chloride	2.208	62	184295	51.911	ug/l	100
5) Bromomethane	2.598	94	133203	61.083	ug/l	98
6) Chloroethane	2.739	64	135298	58.297	ug/l	99
7) Trichlorofluoromethane	3.062	101	326864	55.232	ug/l	97
8) Diethyl Ether	3.452	74	102791	51.744	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.818	101	195679	53.451	ug/l	98
10) Methyl Iodide	4.007	142	221800	47.255	ug/l	92
11) Tert butyl alcohol	4.866	59	76540	257.928	ug/l	# 78
12) 1,1-Dichloroethene	3.793	96	182421	51.813	ug/l	90
13) Acrolein	3.653	56	23768	161.289	ug/l	96
14) Allyl chloride	4.385	41	306643	48.567	ug/l	# 93
15) Acrylonitrile	5.061	53	224234	261.788	ug/l	99
16) Acetone	3.867	43	240860	275.140	ug/l	# 85
17) Carbon Disulfide	4.104	76	452154	47.533	ug/l	98
18) Methyl Acetate	4.385	43	113830	47.915	ug/l	93
19) Methyl tert-butyl Ether	5.116	73	532409	53.393	ug/l	98
20) Methylene Chloride	4.616	84	204678	51.268	ug/l	90
21) trans-1,2-Dichloroethene	5.110	96	202873	52.571	ug/l	90
22) Diisopropyl ether	6.013	45	675294	52.084	ug/l	92
23) Vinyl Acetate	5.958	43	1918931	259.116	ug/l	94
24) 1,1-Dichloroethane	5.915	63	389567	53.545	ug/l	98
25) 2-Butanone	6.890	43	317226	254.790	ug/l	# 88
26) 2,2-Dichloropropane	6.884	77	363235	55.349	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	254138	54.214	ug/l	90
28) Bromochloromethane	7.244	49	169870	55.492	ug/l	87
29) Tetrahydrofuran	7.256	42	188595	249.131	ug/l	88
30) Chloroform	7.421	83	413023	55.611	ug/l	97
31) Cyclohexane	7.701	56	310836	47.267	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	371101	55.745	ug/l	96
36) 1,1-Dichloropropene	7.835	75	280777	54.090	ug/l	97
37) Ethyl Acetate	6.982	43	131516	49.448	ug/l	98
38) Carbon Tetrachloride	7.817	117	322387	55.074	ug/l	98
39) Methylcyclohexane	9.110	83	352980	51.097	ug/l	92
40) Benzene	8.079	78	850914	53.221	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	84674	54.614	ug/l #	79
42) 1,2-Dichloroethane	8.158	62	240949	56.005	ug/l	97
43) Isopropyl Acetate	8.195	43	280052	50.118	ug/l	91
44) Trichloroethene	8.866	130	220761	53.688	ug/l	97
45) 1,2-Dichloropropane	9.140	63	208135	53.249	ug/l	98
46) Dibromomethane	9.231	93	115771	54.162	ug/l	97
47) Bromodichloromethane	9.427	83	317091	55.187	ug/l	99
48) Methyl methacrylate	9.219	41	128690	48.769	ug/l	87
49) 1,4-Dioxane	9.231	88	25988	1032.781	ug/l #	97
51) 4-Methyl-2-Pentanone	10.000	43	709959	252.547	ug/l	93
52) Toluene	10.170	92	559064	54.369	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	288655	52.701	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	334524	52.451	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	158362	53.649	ug/l	98
56) Ethyl methacrylate	10.439	69	235146	52.441	ug/l #	84
57) 1,3-Dichloropropane	10.719	76	270981	53.406	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	551798	265.141	ug/l	99
59) 2-Hexanone	10.762	43	518056	251.364	ug/l	91
60) Dibromochloromethane	10.914	129	214255	54.871	ug/l	99
61) 1,2-Dibromoethane	11.018	107	145196	52.792	ug/l	99
64) Tetrachloroethene	10.646	164	189287	53.694	ug/l	95
65) Chlorobenzene	11.444	112	619247	55.299	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	217527	56.104	ug/l	97
67) Ethyl Benzene	11.524	91	1100038	55.286	ug/l	99
68) m/p-Xylenes	11.633	106	827557	109.994	ug/l	94
69) o-Xylene	11.957	106	399186	54.253	ug/l	94
70) Styrene	11.975	104	677722	54.554	ug/l	96
71) Bromoform	12.133	173	120604	54.460	ug/l #	96
73) Isopropylbenzene	12.255	105	1081148	53.867	ug/l	99
74) N-amyl acetate	12.072	43	273894	50.177	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.511	83	186087	52.235	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	243644	93.959	ug/l #	100
77) Bromobenzene	12.536	156	235302	52.860	ug/l	92
78) n-propylbenzene	12.597	91	1274595	53.579	ug/l	100
79) 2-Chlorotoluene	12.682	91	728621	52.556	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	872871	53.496	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	63496	47.007	ug/l	91
82) 4-Chlorotoluene	12.780	91	747204	52.424	ug/l	97
83) tert-Butylbenzene	12.999	119	802267	54.312	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	869380	53.827	ug/l	97
85) sec-Butylbenzene	13.176	105	1154875	53.818	ug/l	100
86) p-Isopropyltoluene	13.292	119	962913	54.846	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	471709	54.535	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	464301	54.088	ug/l	97
89) n-Butylbenzene	13.621	91	922714	54.975	ug/l	99
90) Hexachloroethane	13.883	117	193646	53.009	ug/l	95
91) 1,2-Dichlorobenzene	13.664	146	417195	54.050	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	30249	50.947	ug/l	85
93) 1,2,4-Trichlorobenzene	14.919	180	257040	54.753	ug/l	97
94) Hexachlorobutadiene	15.023	225	136493	54.425	ug/l	98
95) Naphthalene	15.145	128	529972	56.373	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	217171	54.083	ug/l	98

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QLast Update : Mon Sep 09 16:00:30 2024
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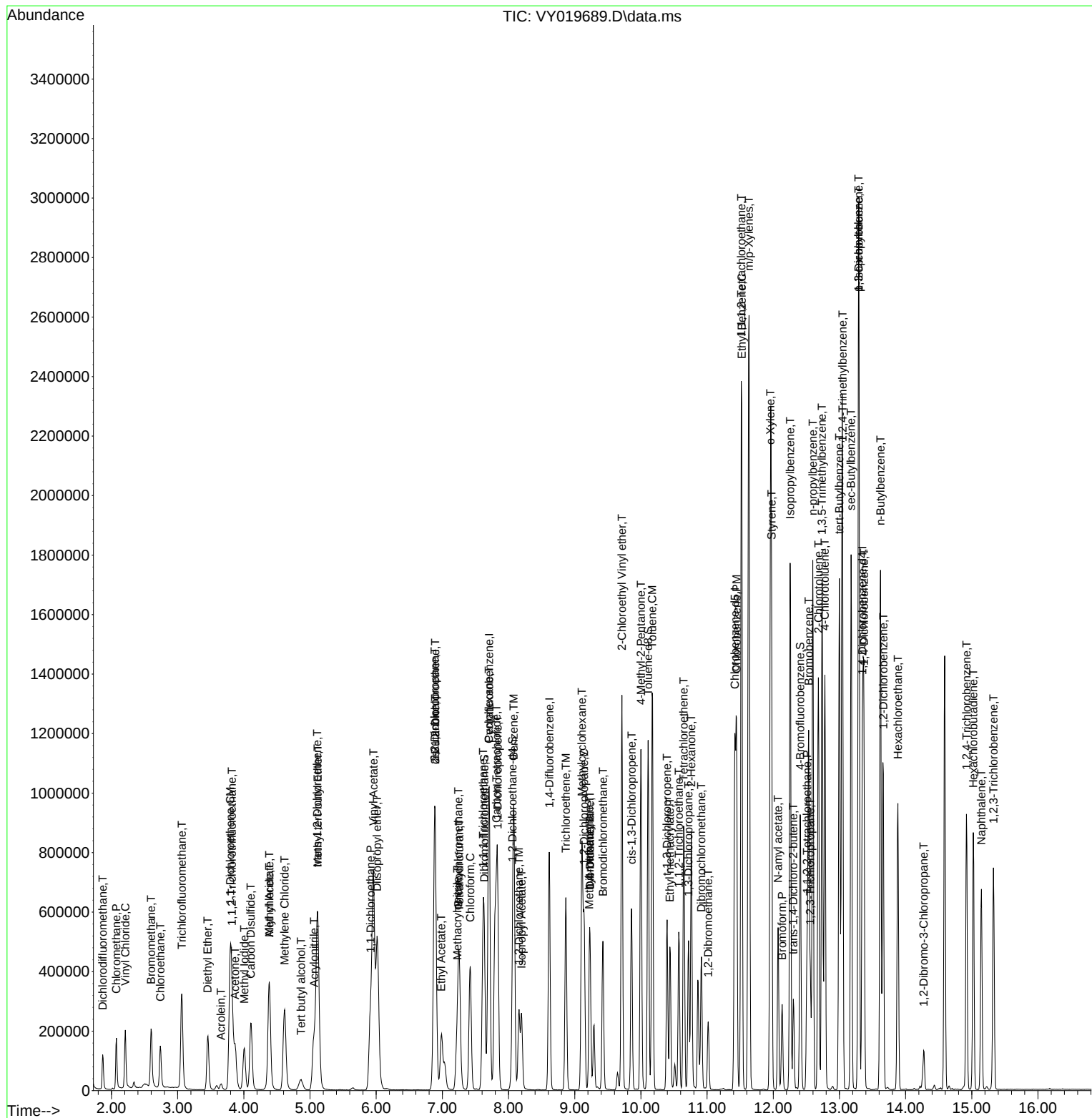
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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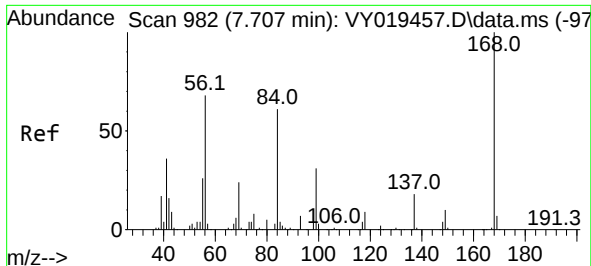
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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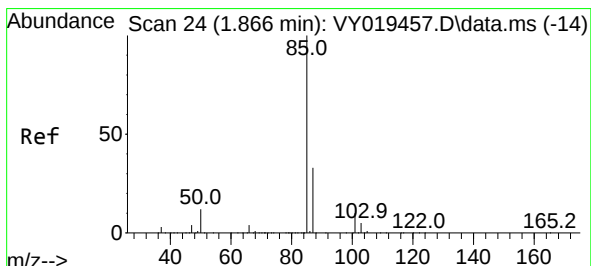
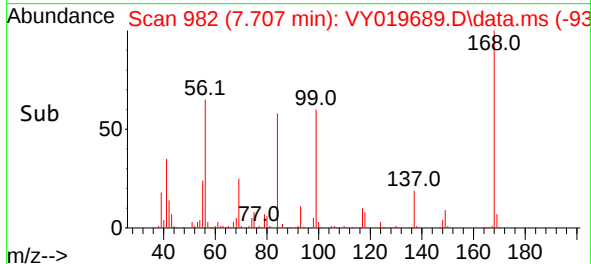
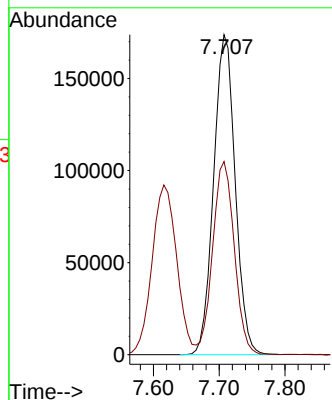
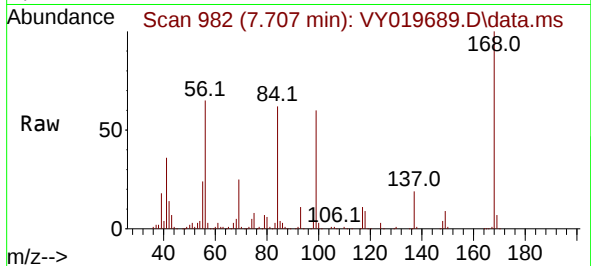




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
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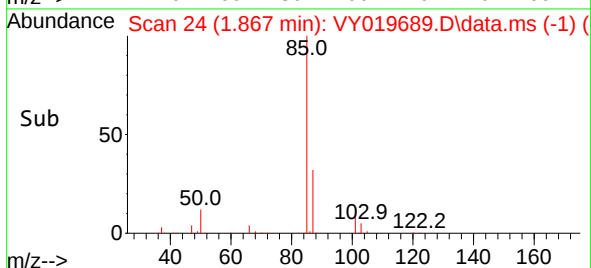
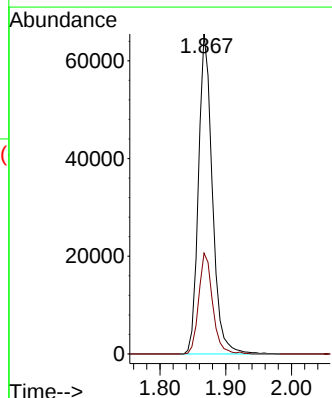
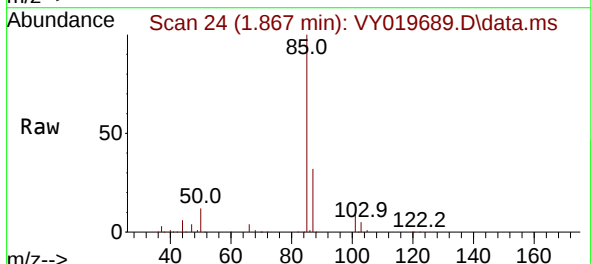
Instrument :
MSVOA_Y
ClientSampleId :

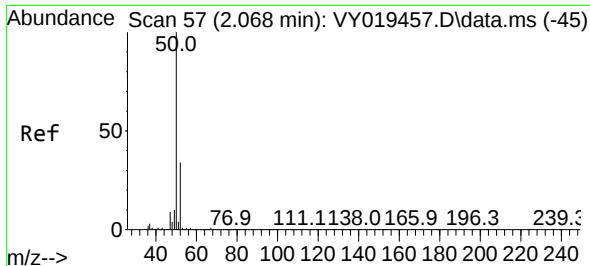
Tgt Ion:168 Resp: 396829
Ion Ratio Lower Upper
168 100
99 60.3 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 43.764 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

Tgt Ion: 85 Resp: 96029
Ion Ratio Lower Upper
85 100
87 31.5 16.0 48.0

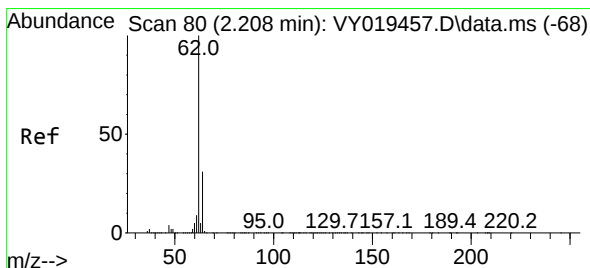
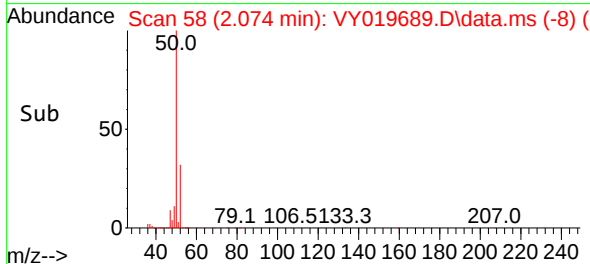
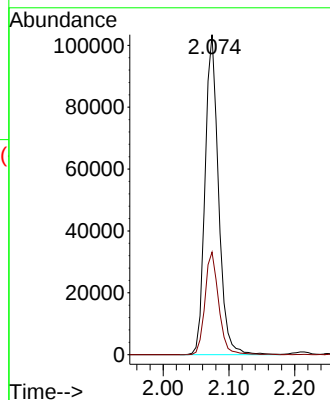
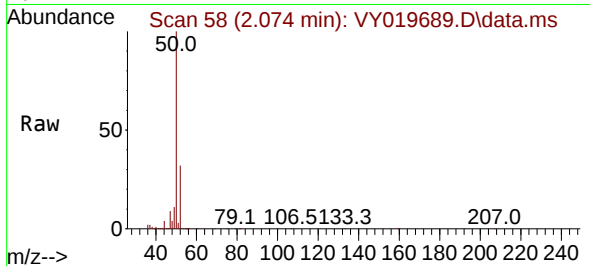




#3
Chloromethane
Concen: 44.916 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY019689.D
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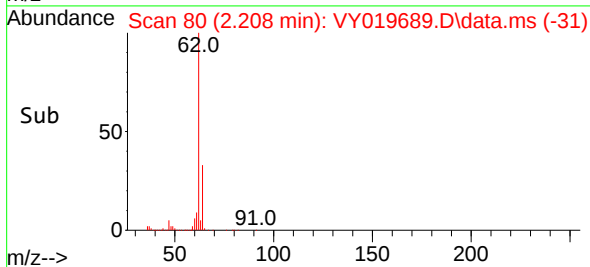
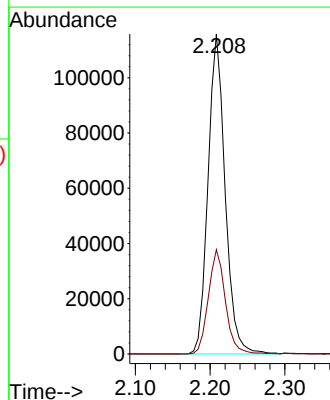
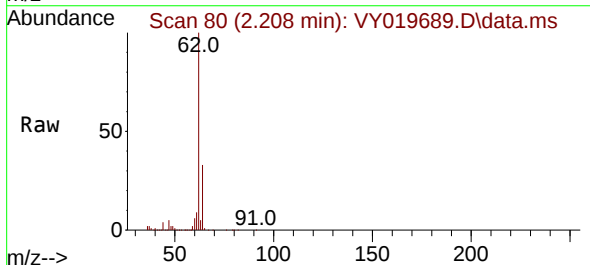
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 147469
Ion Ratio Lower Upper
50 100
52 32.0 25.6 38.4



#4
Vinyl Chloride
Concen: 51.911 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

Tgt Ion: 62 Resp: 184295
Ion Ratio Lower Upper
62 100
64 32.6 26.1 39.1

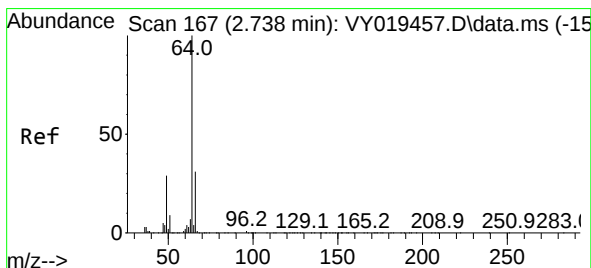
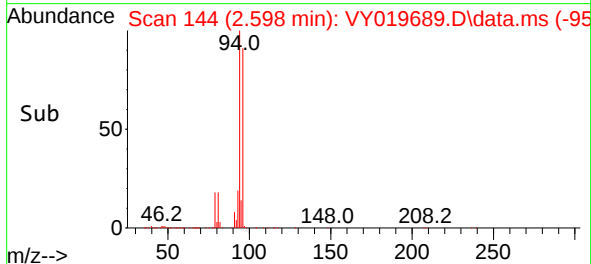
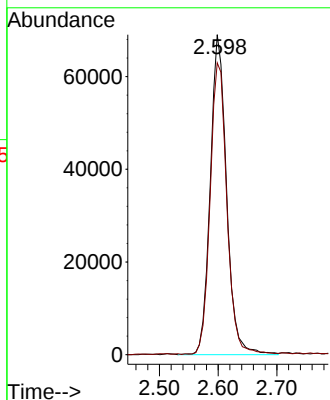
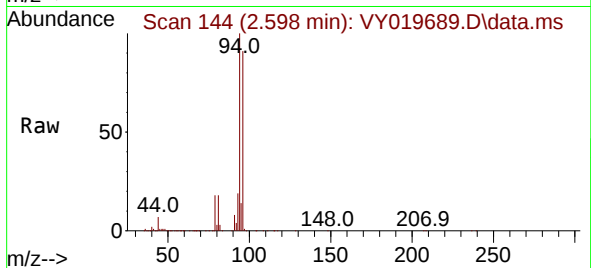




#5
Bromomethane
Concen: 61.083 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
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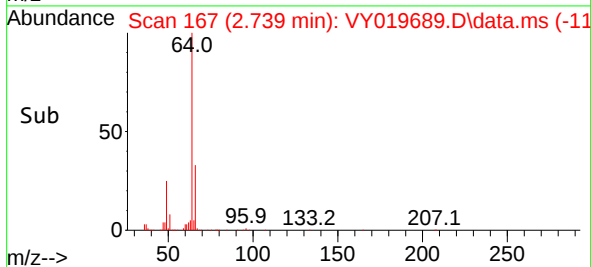
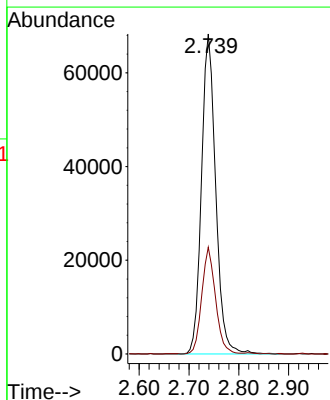
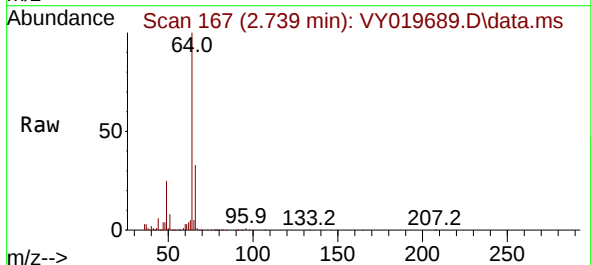
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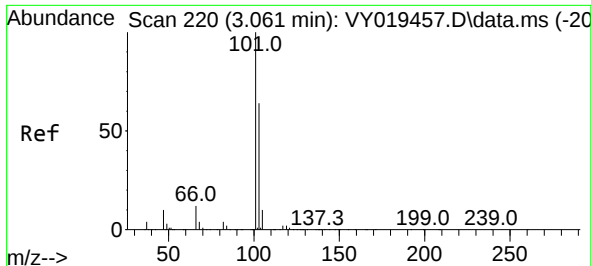
Tgt Ion: 94 Resp: 133203
Ion Ratio Lower Upper
94 100
96 90.9 74.1 111.1



#6
Chloroethane
Concen: 58.297 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019689.D
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Tgt Ion: 64 Resp: 135298
Ion Ratio Lower Upper
64 100
66 33.3 26.1 39.1

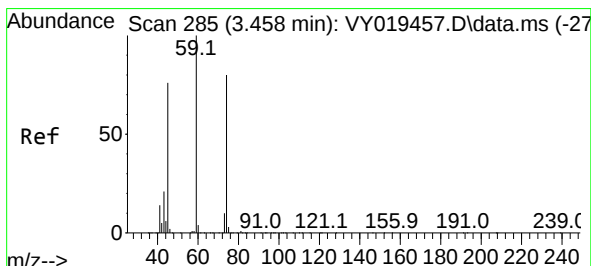
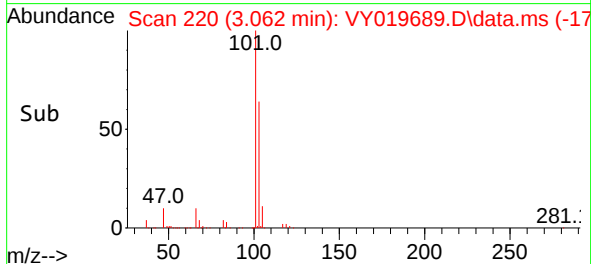
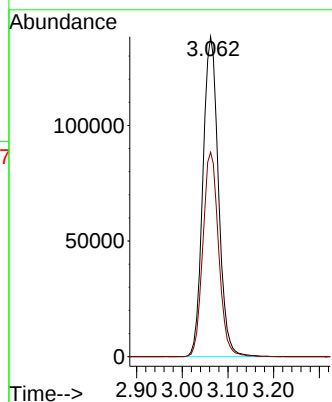
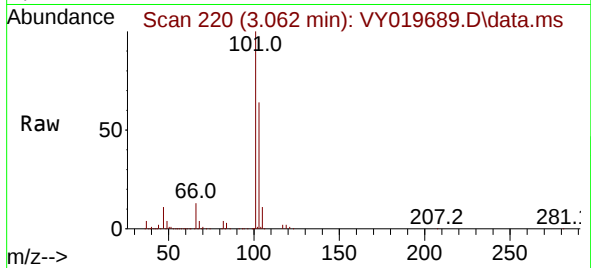




#7
 Trichlorofluoromethane
 Concen: 55.232 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019689.D
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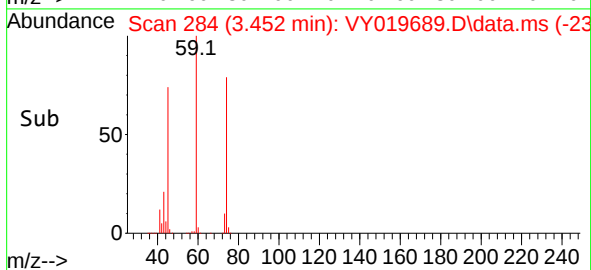
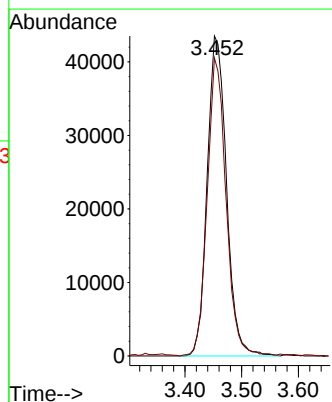
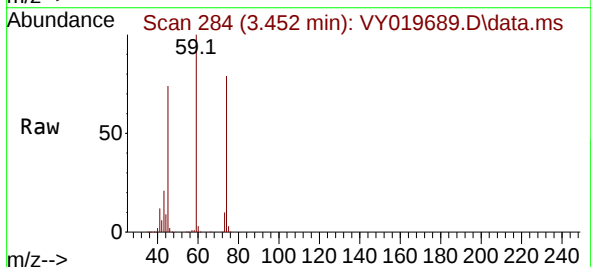
Instrument :
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Tgt Ion:101 Resp: 326864
 Ion Ratio Lower Upper
 101 100
 103 63.9 49.3 73.9



#8
 Diethyl Ether
 Concen: 51.744 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY019689.D
 Acq: 25 Sep 2024 11:19

Tgt Ion: 74 Resp: 102791
 Ion Ratio Lower Upper
 74 100
 45 91.2 41.3 124.1

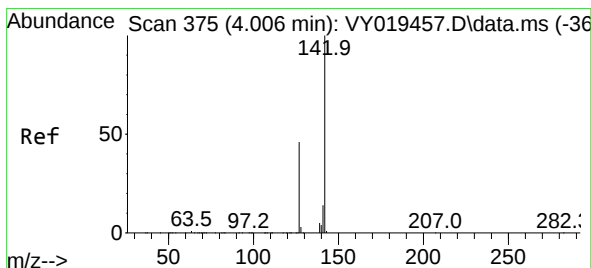
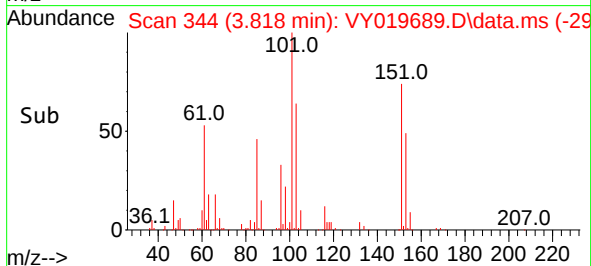
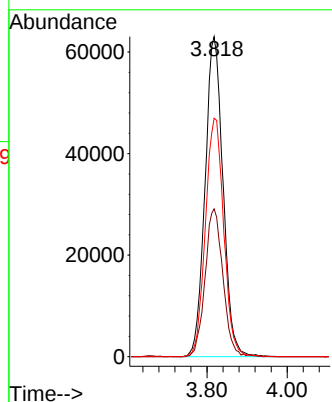
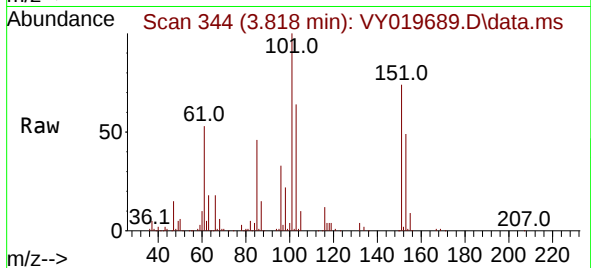




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.451 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.007 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

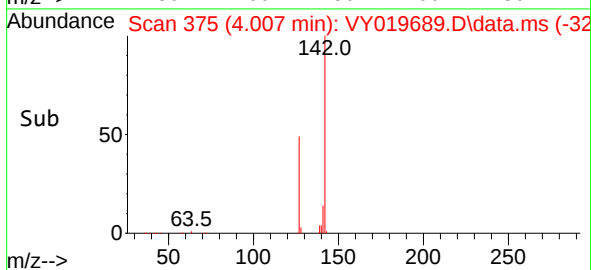
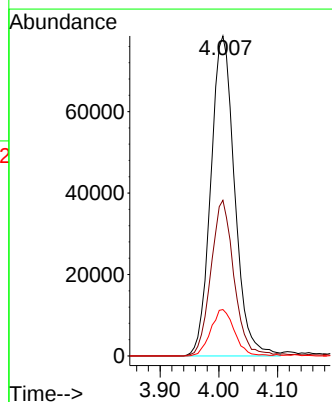
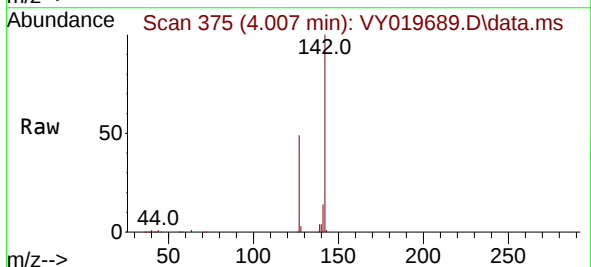
Instrument :
MSVOA_Y
ClientSampleId :

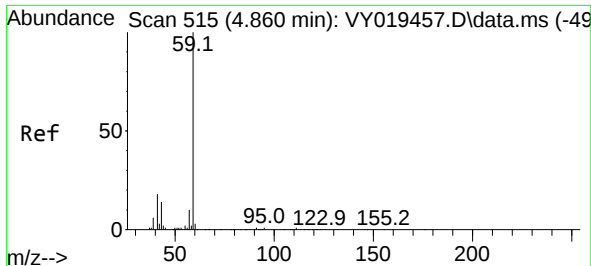
Tgt Ion:101 Resp: 195679
Ion Ratio Lower Upper
101 100
85 46.0 34.5 51.7
151 76.1 61.7 92.5



#10
Methyl Iodide
Concen: 47.255 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

Tgt Ion:142 Resp: 221800
Ion Ratio Lower Upper
142 100
127 47.5 32.8 49.2
141 14.4 11.4 17.2





#11

Tert butyl alcohol

Concen: 257.928 ug/l

RT: 4.866 min Scan# 51

Delta R.T. 0.007 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

Instrument :

MSVOA_Y

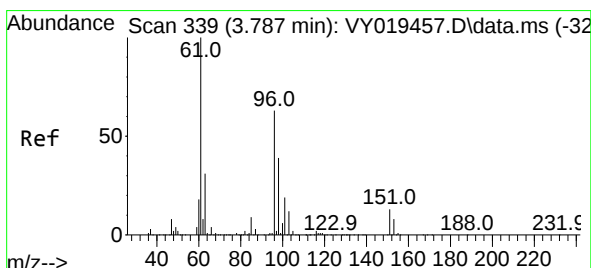
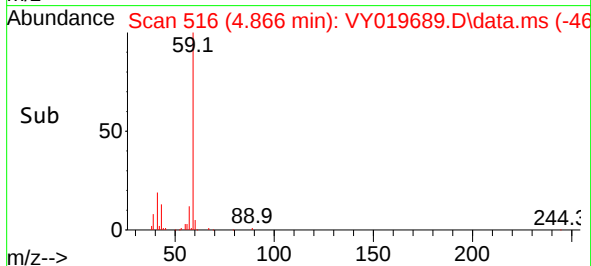
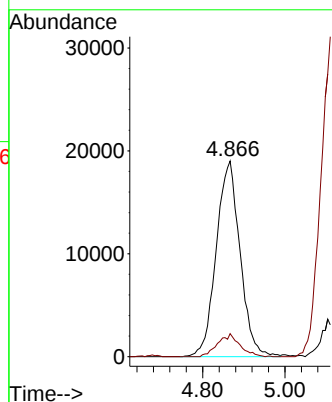
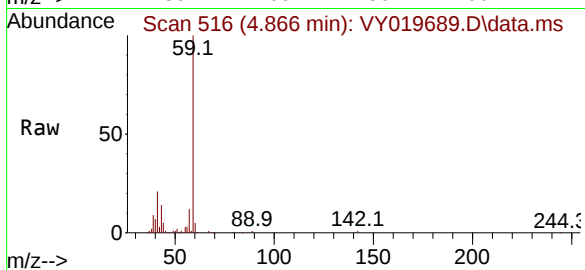
ClientSampleId :

Tgt Ion: 59 Resp: 76540

Ion Ratio Lower Upper

59 100

57 10.9 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 51.813 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.007 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

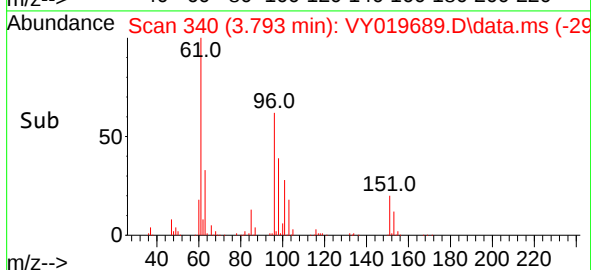
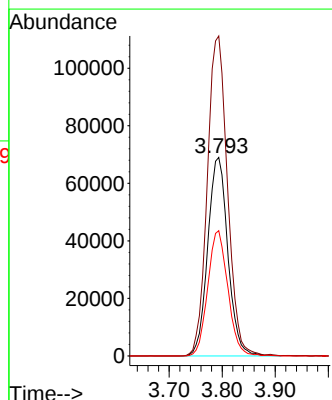
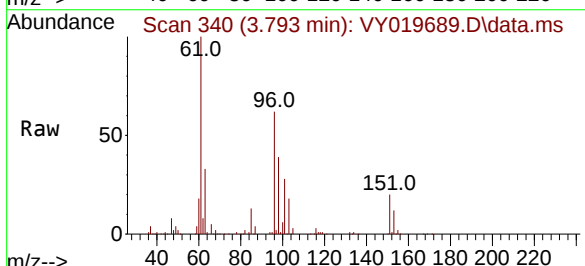
Tgt Ion: 96 Resp: 182421

Ion Ratio Lower Upper

96 100

61 161.2 114.6 171.8

98 63.1 50.8 76.2





#13

Acrolein

Concen: 161.289 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

Instrument :

MSVOA_Y

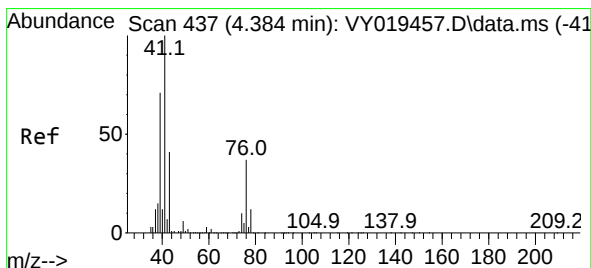
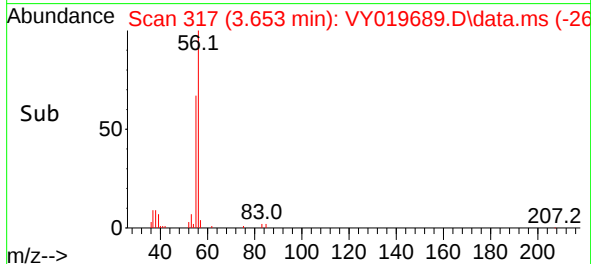
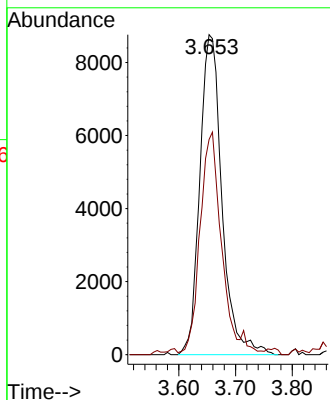
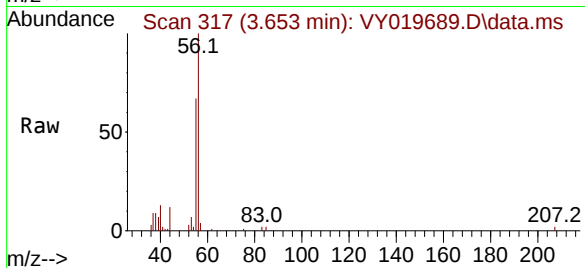
ClientSampleId :

Tgt Ion: 56 Resp: 23768

Ion Ratio Lower Upper

56 100

55 66.1 55.7 83.5



#14

Allyl chloride

Concen: 48.567 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

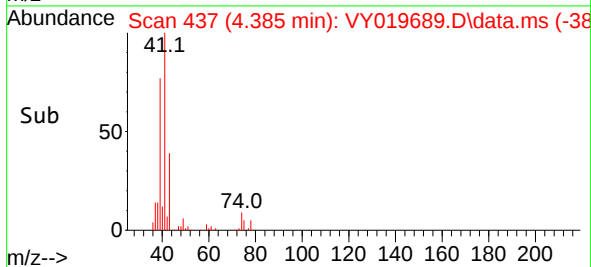
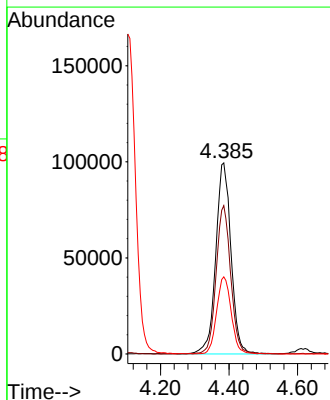
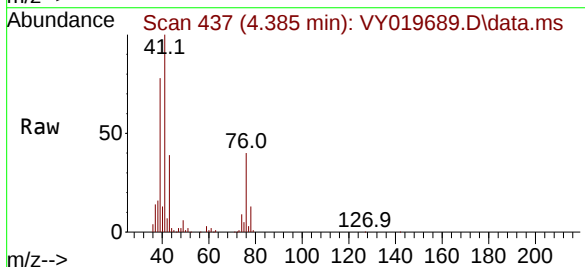
Tgt Ion: 41 Resp: 306643

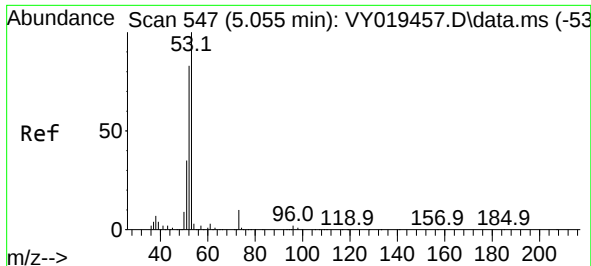
Ion Ratio Lower Upper

41 100

39 74.2 58.3 87.5

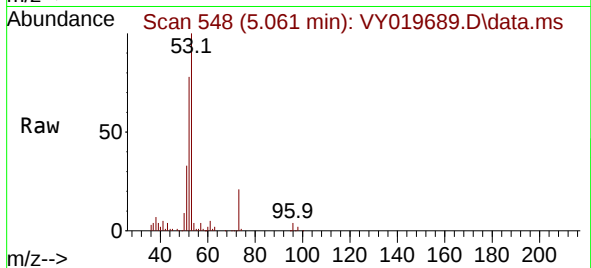
76 38.4 39.0 58.6#



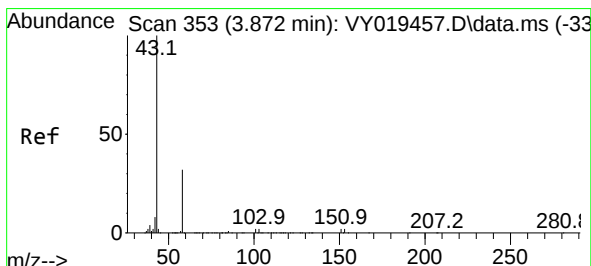
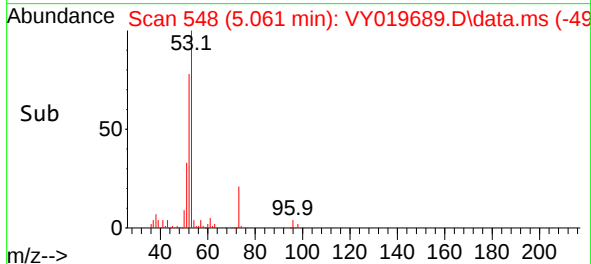
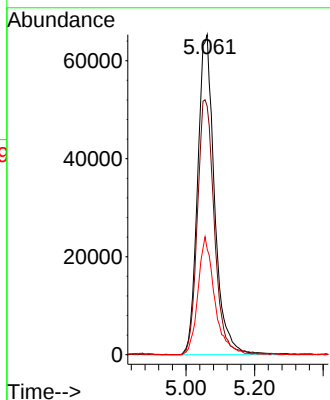


#15
Acrylonitrile
Concen: 261.788 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.007 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

Instrument :
MSVOA_Y
ClientSampleId :

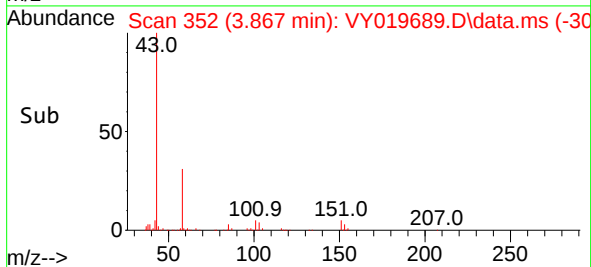
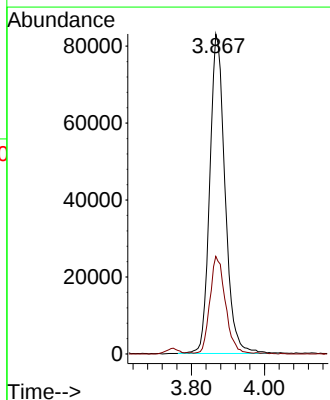
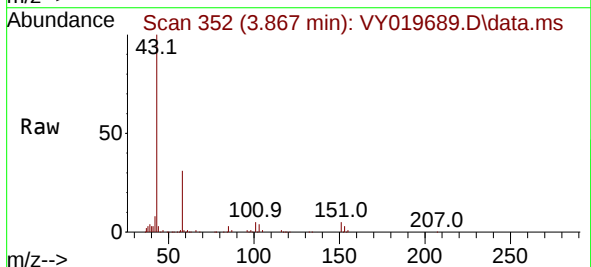


Tgt Ion: 53 Resp: 224234
Ion Ratio Lower Upper
53 100
52 79.8 64.7 97.1
51 36.4 28.4 42.6



#16
Acetone
Concen: 275.140 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

Tgt Ion: 43 Resp: 240860
Ion Ratio Lower Upper
43 100
58 30.5 31.7 47.5#

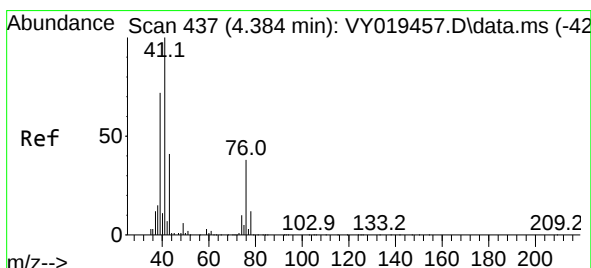
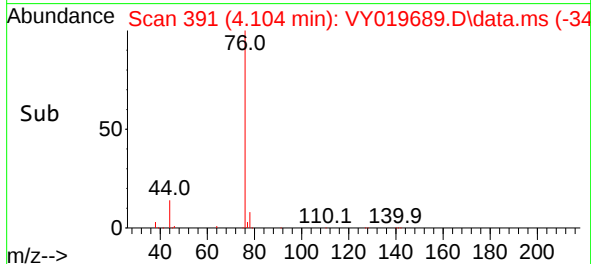
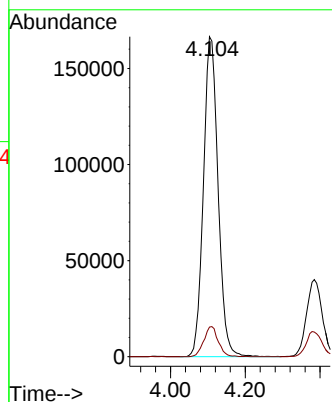
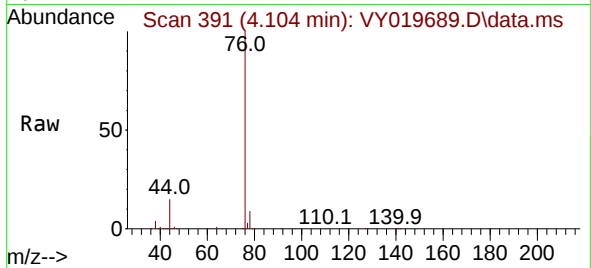




#17
Carbon Disulfide
Concen: 47.533 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

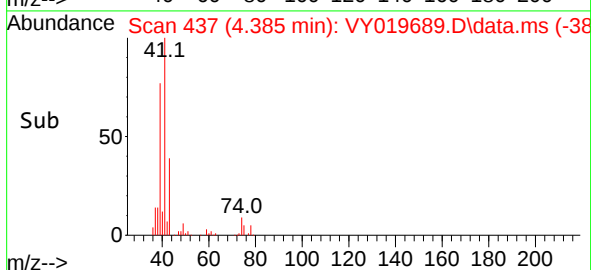
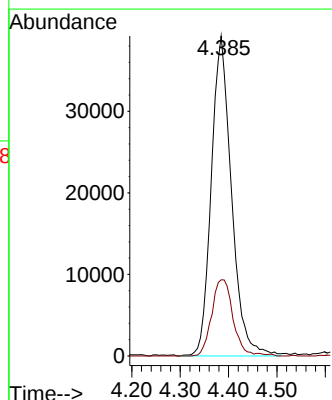
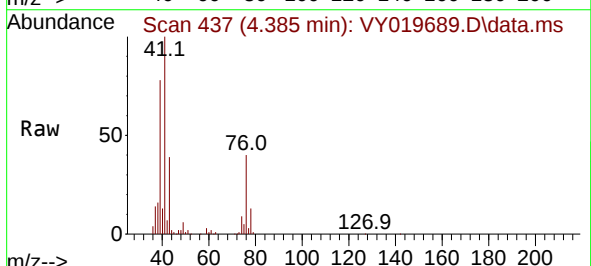
Instrument :
MSVOA_Y
ClientSampleId :

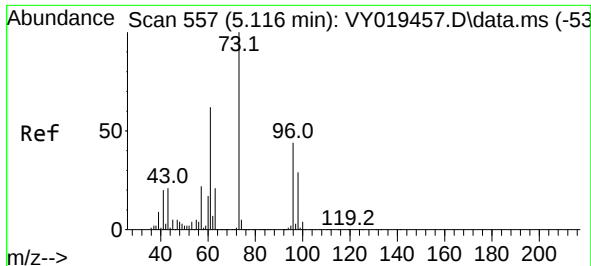
Tgt Ion: 76 Resp: 452154
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 47.915 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

Tgt Ion: 43 Resp: 113830
Ion Ratio Lower Upper
43 100
74 25.3 23.3 34.9

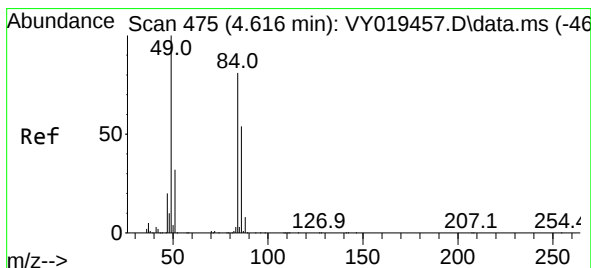
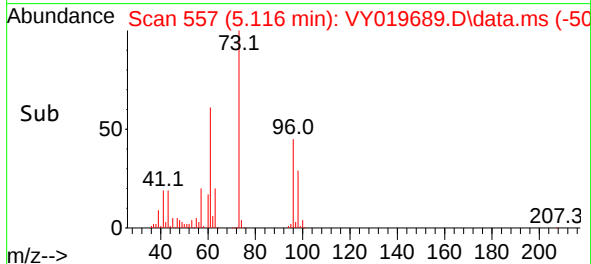
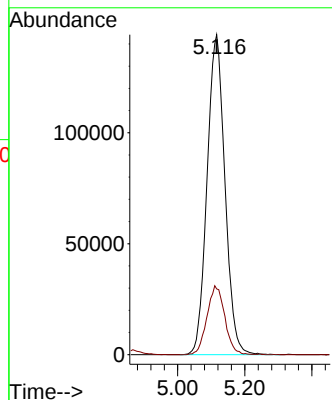
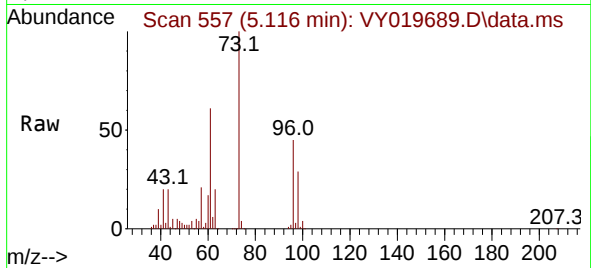




#19
Methyl tert-butyl Ether
Concen: 53.393 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

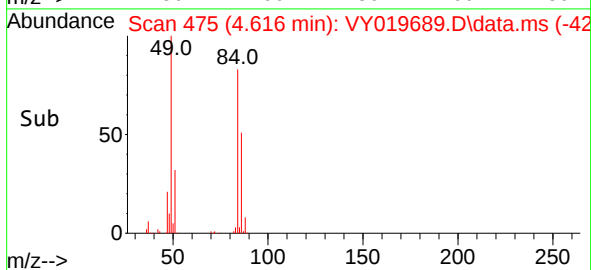
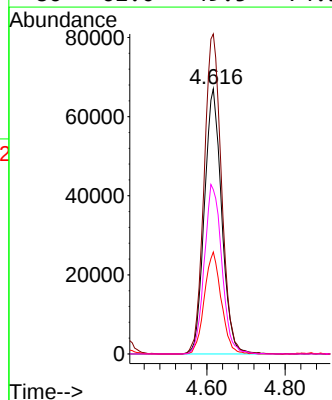
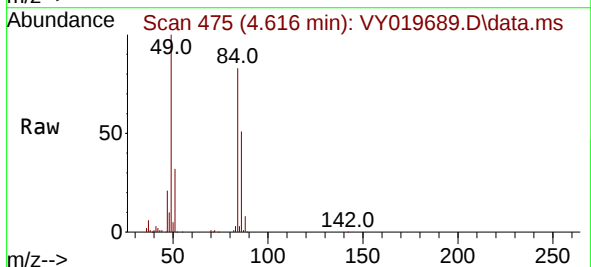
Instrument :
MSVOA_Y
ClientSampleId :

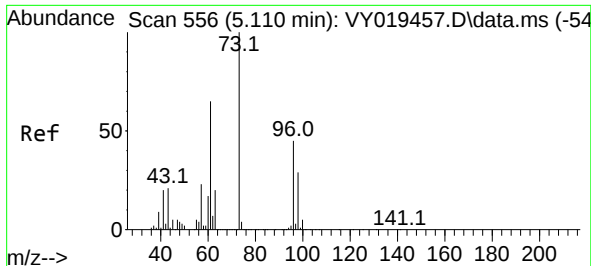
Tgt Ion: 73 Resp: 532409
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9



#20
Methylene Chloride
Concen: 51.268 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

Tgt Ion: 84 Resp: 204678
Ion Ratio Lower Upper
84 100
49 120.7 84.4 126.6
51 38.5 26.0 39.0
86 62.0 49.5 74.3

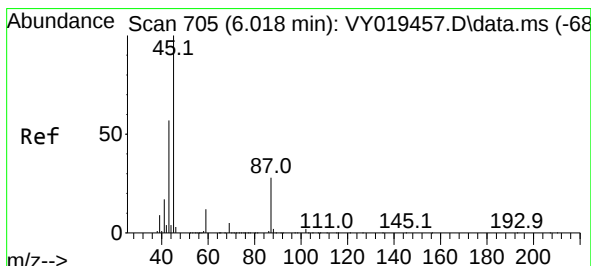
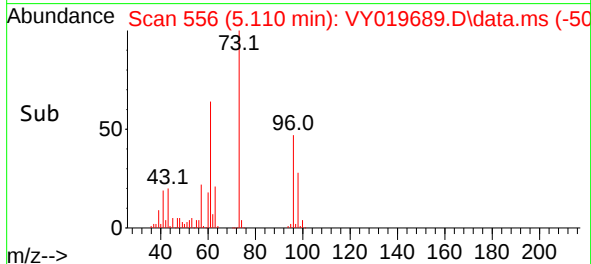
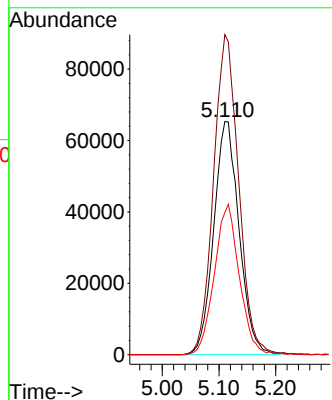
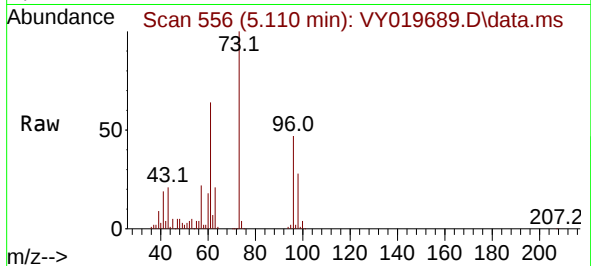




#21
trans-1,2-Dichloroethene
Concen: 52.571 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

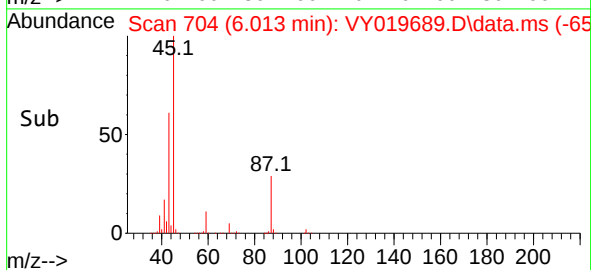
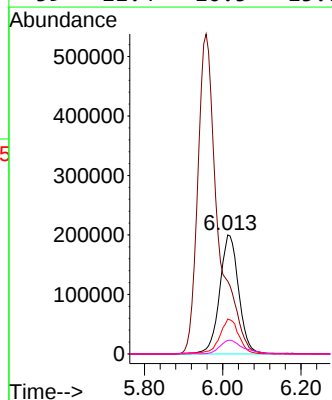
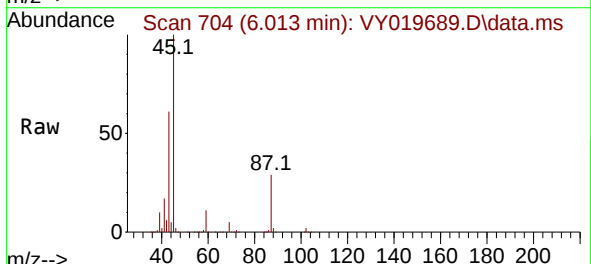
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 202873
Ion Ratio Lower Upper
96 100
61 137.2 97.5 146.3
98 60.9 50.5 75.7



#22
Diisopropyl ether
Concen: 52.084 ug/l
RT: 6.013 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

Tgt Ion: 45 Resp: 675294
Ion Ratio Lower Upper
45 100
43 60.8 42.2 63.2
87 29.2 25.0 37.6
59 11.4 10.5 15.7

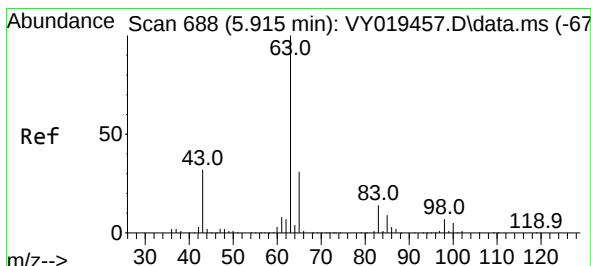
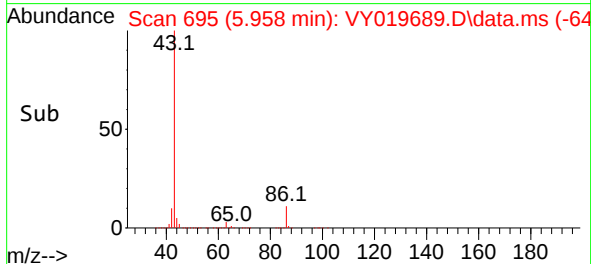
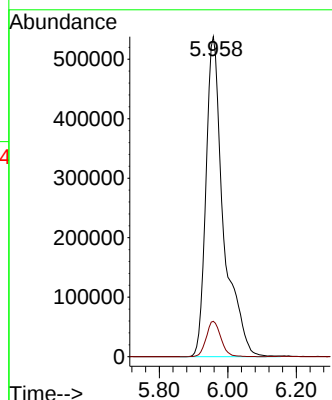
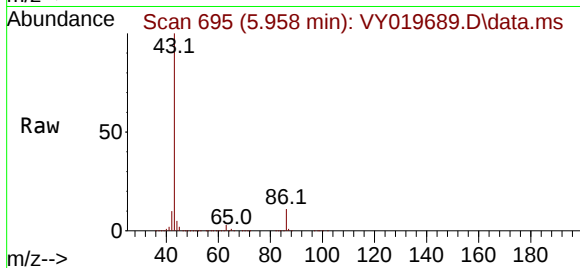




#23
 Vinyl Acetate
 Concen: 259.116 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY019689.D
 Acq: 25 Sep 2024 11:19

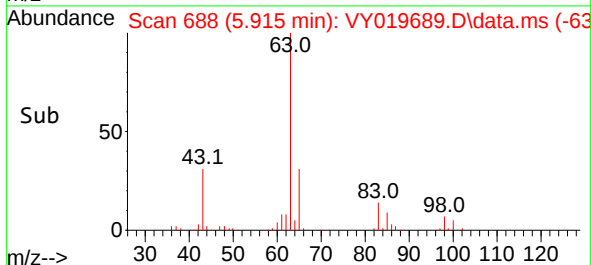
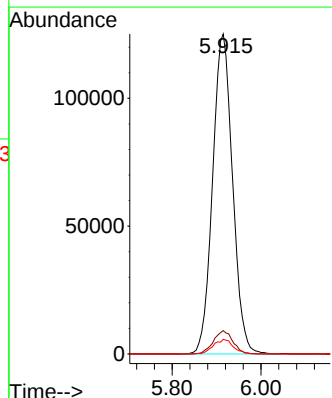
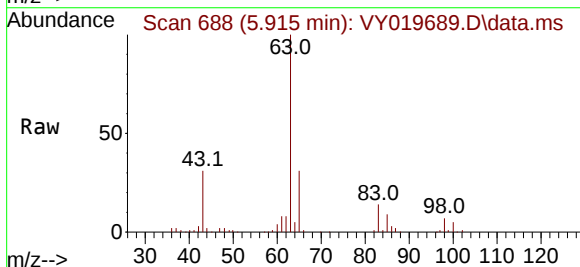
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 43 Resp: 1918931
 Ion Ratio Lower Upper
 43 100
 86 11.1 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 53.545 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019689.D
 Acq: 25 Sep 2024 11:19

Tgt Ion: 63 Resp: 389567
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.0 12.2
 100 4.6 2.6 8.0

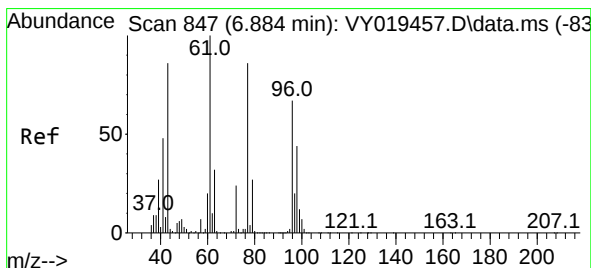
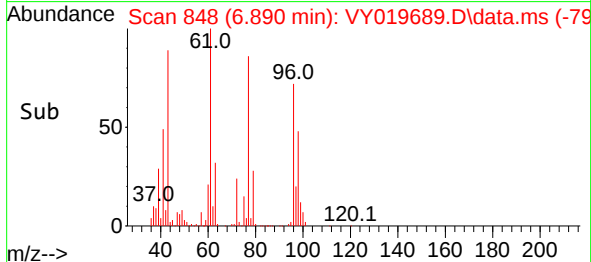
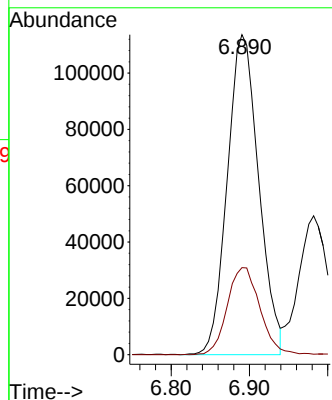
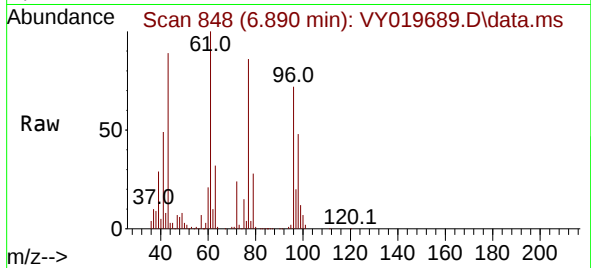




#25
2-Butanone
Concen: 254.790 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

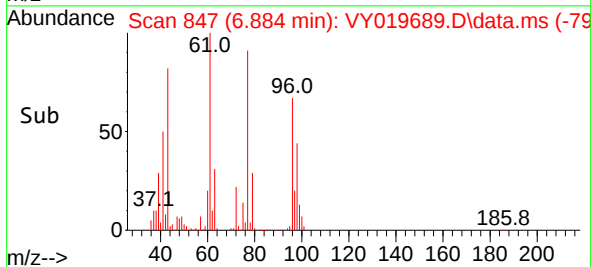
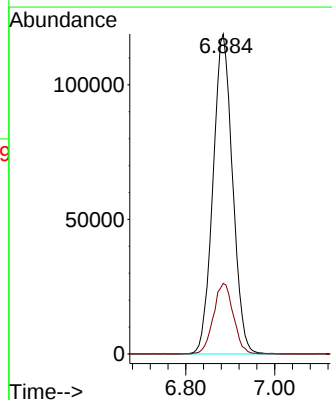
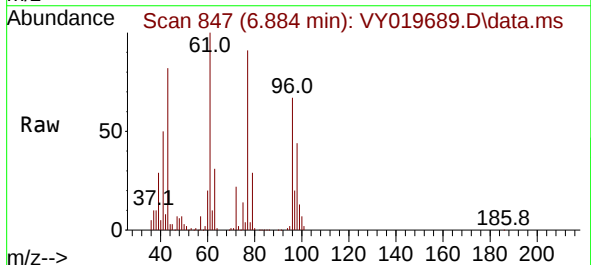
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 317226
Ion Ratio Lower Upper
43 100
72 27.2 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 55.349 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

Tgt Ion: 77 Resp: 363235
Ion Ratio Lower Upper
77 100
97 22.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 54.214 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

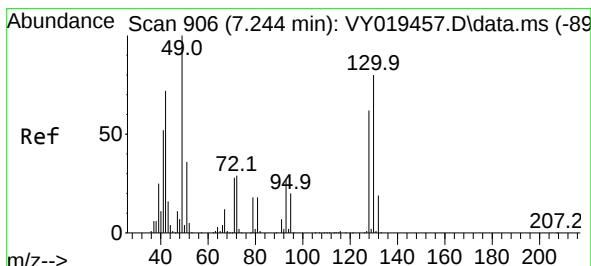
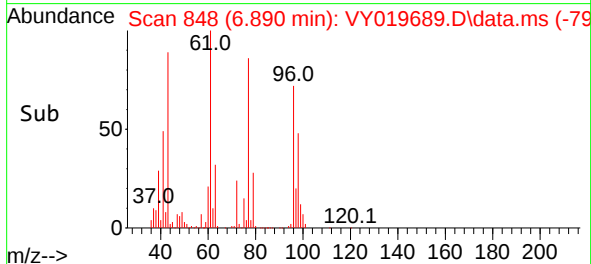
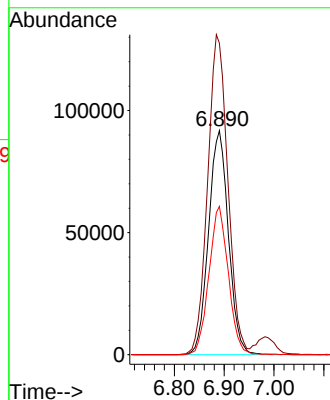
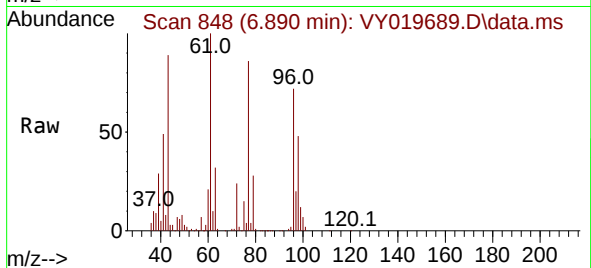
Tgt Ion: 96 Resp: 254138

Ion Ratio Lower Upper

96 100

61 145.3 0.0 256.2

98 64.6 0.0 130.0



#28

Bromochloromethane

Concen: 55.492 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

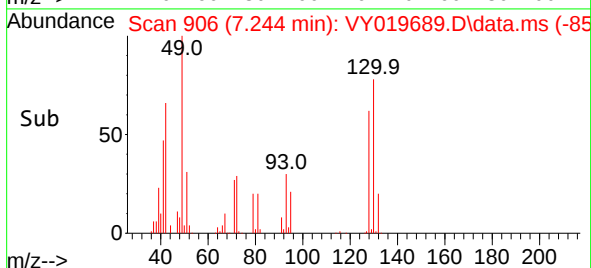
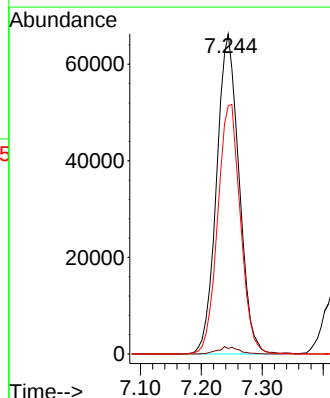
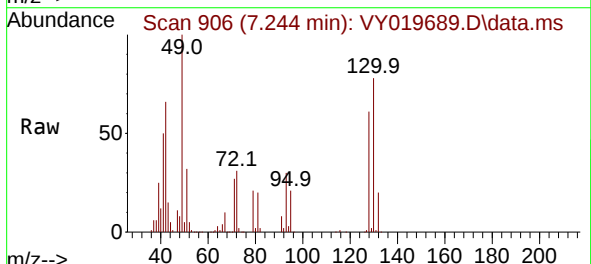
Tgt Ion: 49 Resp: 169870

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 78.7 72.7 109.1





#29

Tetrahydrofuran

Concen: 249.131 ug/l

RT: 7.256 min Scan# 909

Delta R.T. -0.006 min

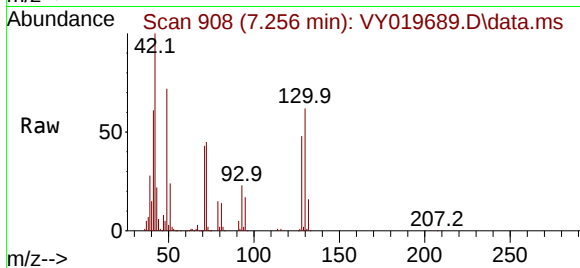
Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :



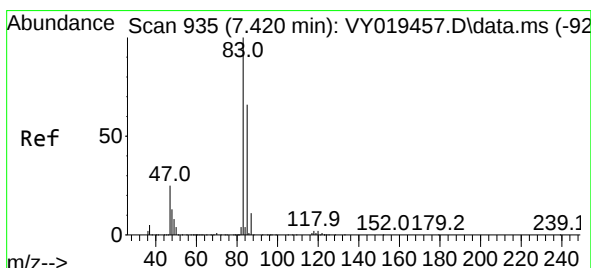
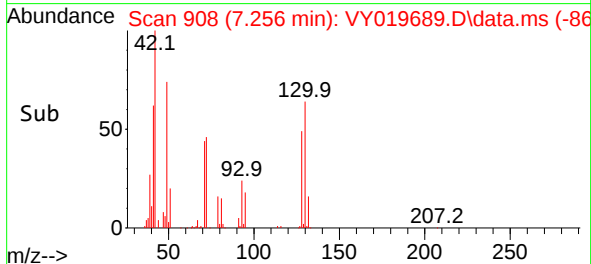
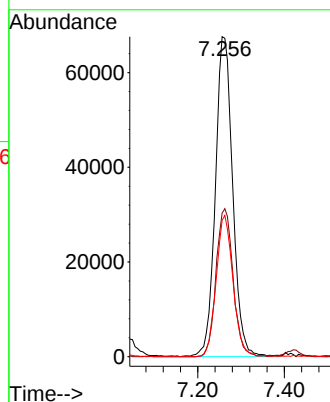
Tgt Ion: 42 Resp: 188595

Ion Ratio Lower Upper

42 100

72 45.4 43.0 64.4

71 42.7 40.8 61.2



#30

Chloroform

Concen: 55.611 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY019689.D

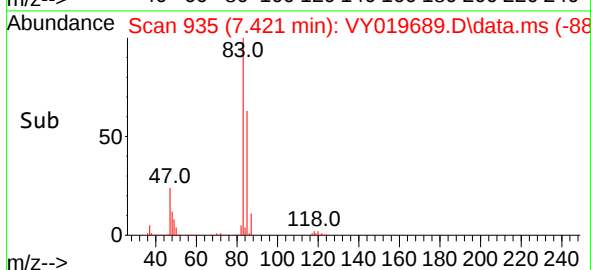
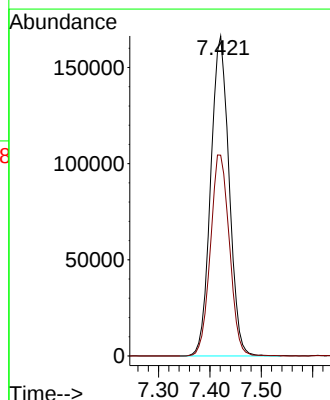
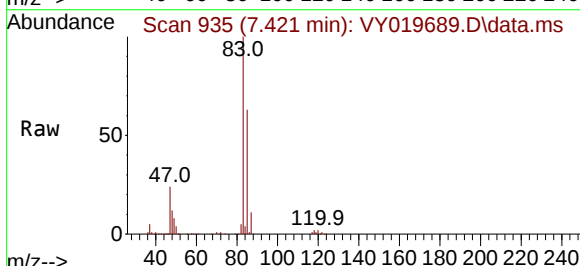
Acq: 25 Sep 2024 11:19

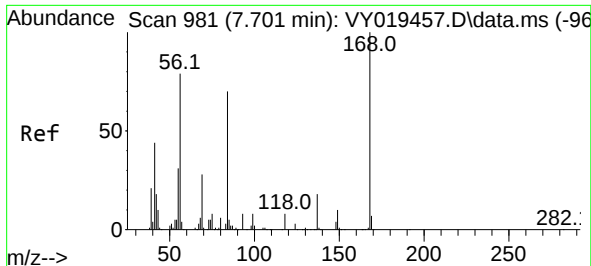
Tgt Ion: 83 Resp: 413023

Ion Ratio Lower Upper

83 100

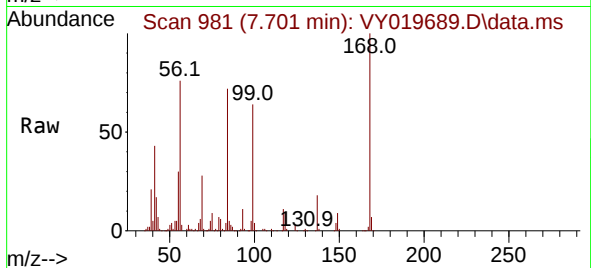
85 62.8 52.2 78.4



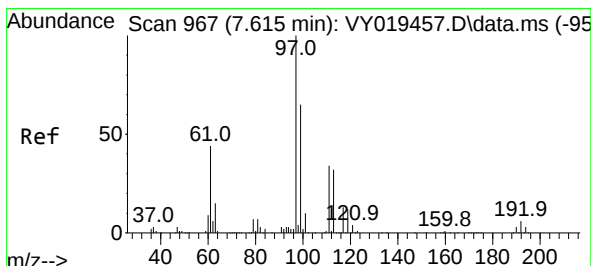
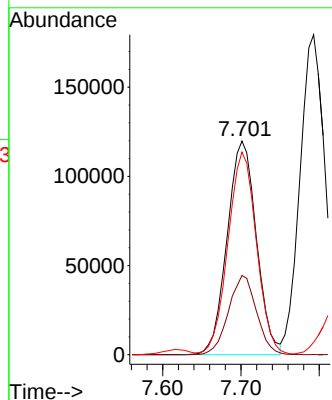
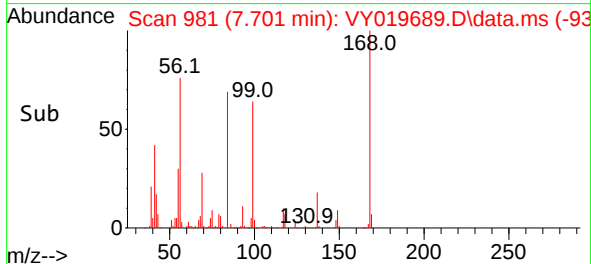


#31
Cyclohexane
Concen: 47.267 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

Instrument :
MSVOA_Y
ClientSampleId :

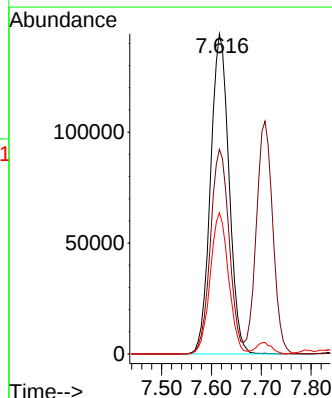
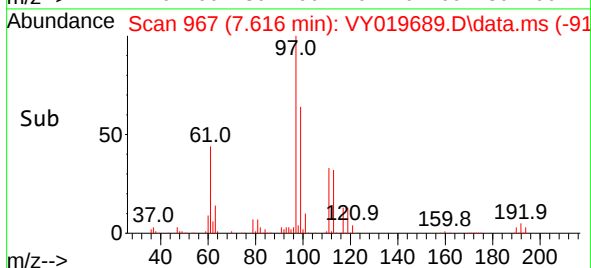
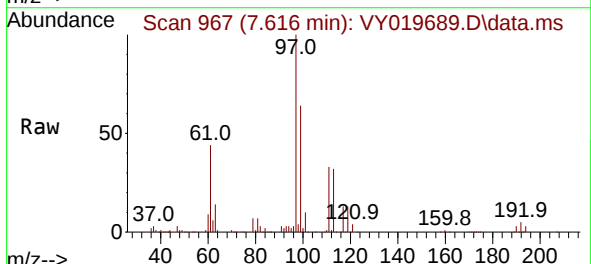


Tgt Ion: 56 Resp: 310836
Ion Ratio Lower Upper
56 100
69 37.1 28.7 43.1
84 92.7 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 55.745 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

Tgt Ion: 97 Resp: 371101
Ion Ratio Lower Upper
97 100
99 65.1 50.3 75.5
61 44.0 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 53.858 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

Instrument :

MSVOA_Y

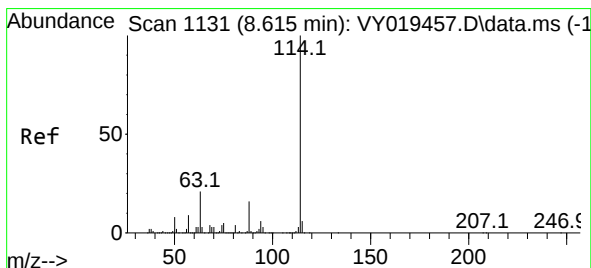
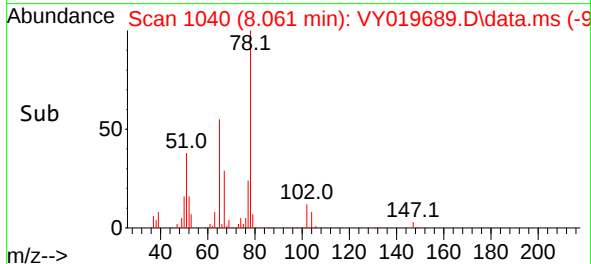
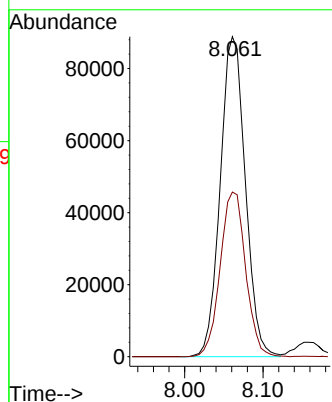
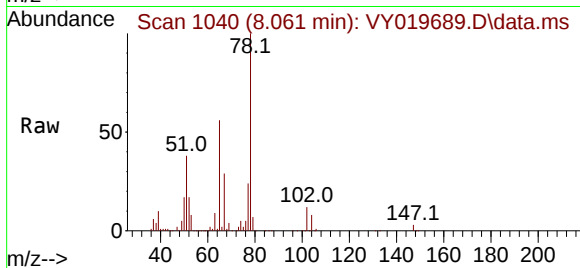
ClientSampleId :

Tgt Ion: 65 Resp: 197905

Ion Ratio Lower Upper

65 100

67 52.2 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: VY019689.D

Acq: 25 Sep 2024 11:19

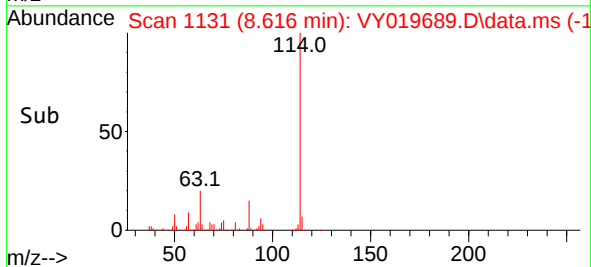
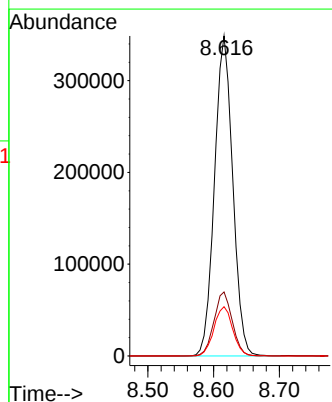
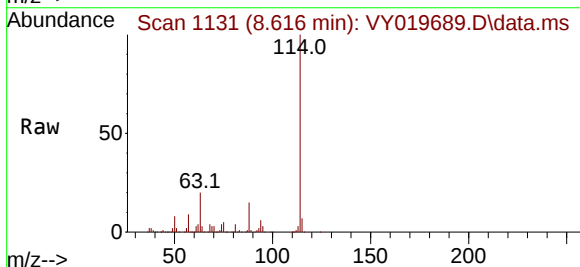
Tgt Ion: 114 Resp: 672838

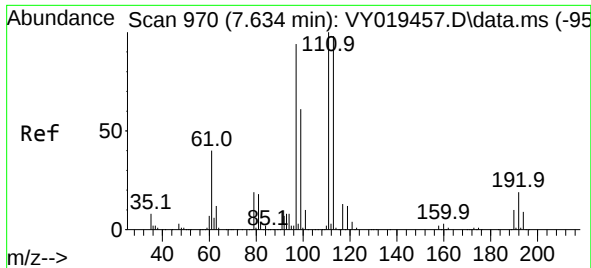
Ion Ratio Lower Upper

114 100

63 20.0 0.0 35.0

88 15.4 0.0 27.2

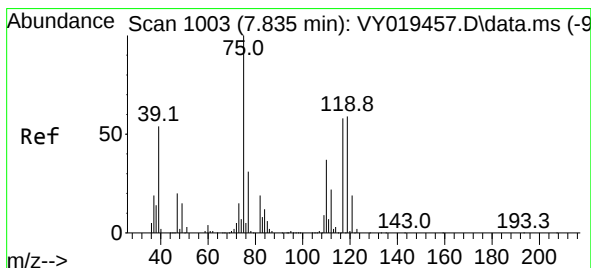
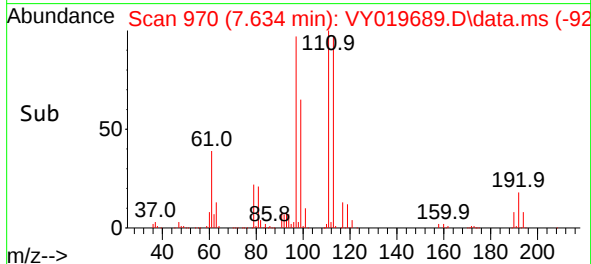
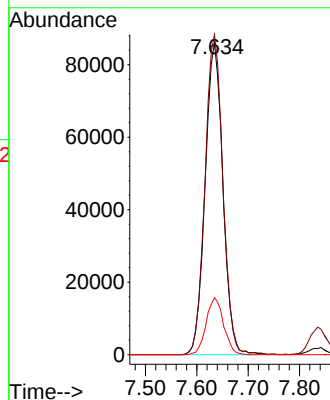
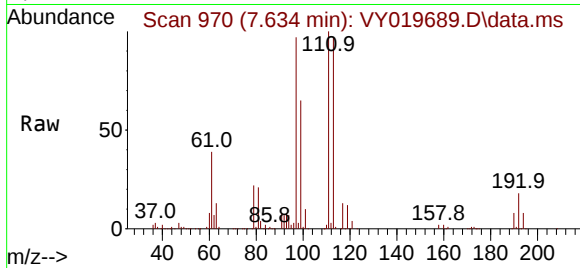




#35
Dibromofluoromethane
Concen: 54.192 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

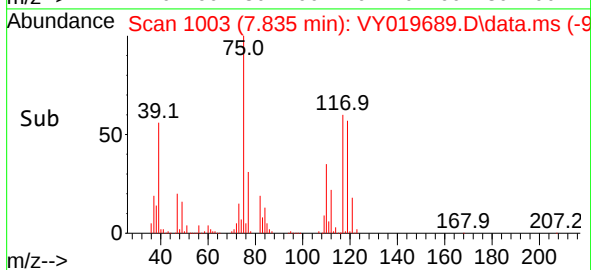
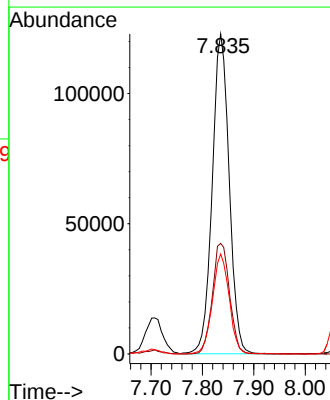
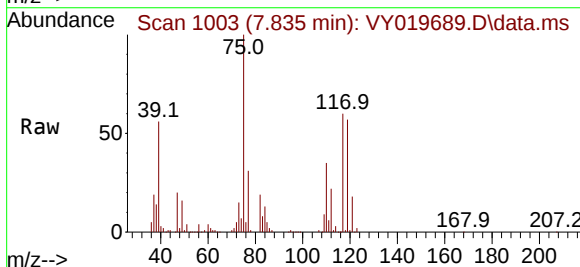
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 206737
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 17.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 54.090 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

Tgt Ion: 75 Resp: 280777
Ion Ratio Lower Upper
75 100
110 35.1 19.0 57.0
77 30.9 25.3 37.9





#37

Ethyl Acetate

Concen: 49.448 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

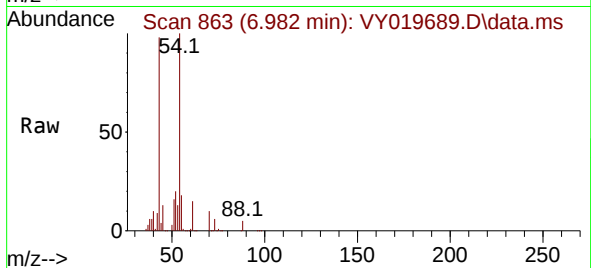
Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :



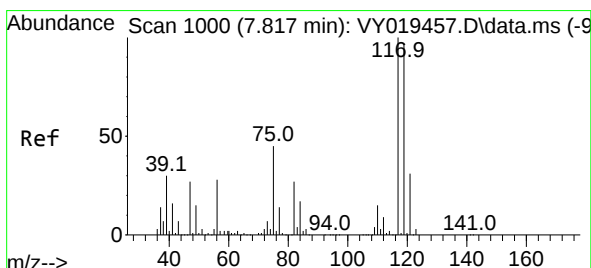
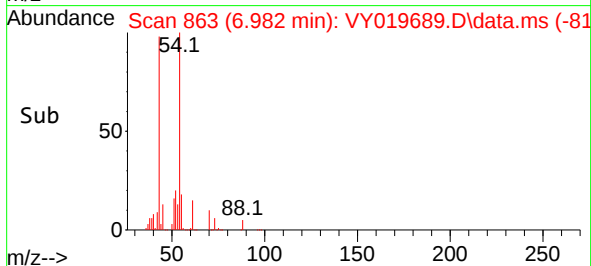
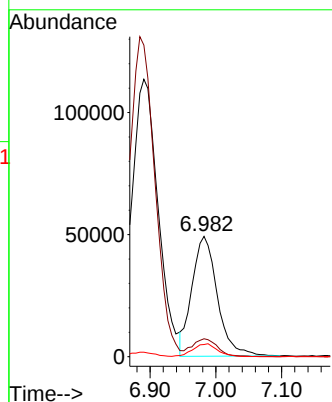
Tgt Ion: 43 Resp: 131516

Ion Ratio Lower Upper

43 100

61 14.9 12.6 19.0

70 10.2 7.8 11.8



#38

Carbon Tetrachloride

Concen: 55.074 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

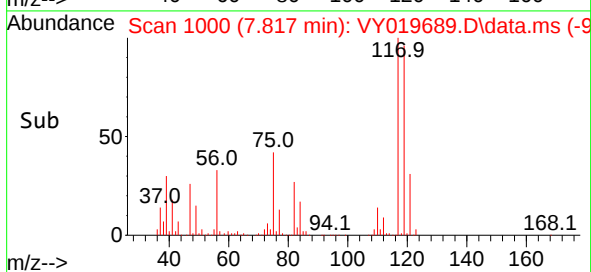
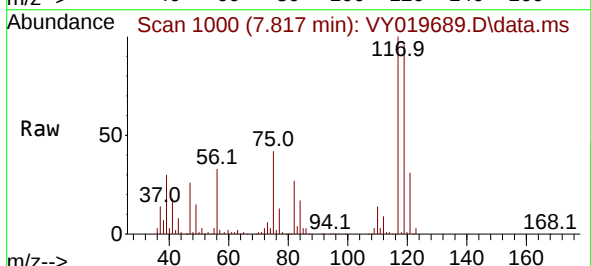
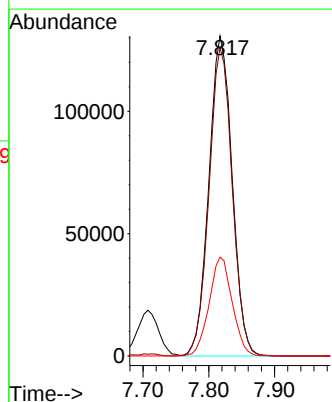
Tgt Ion: 117 Resp: 322387

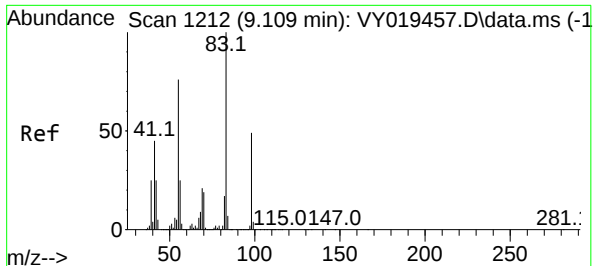
Ion Ratio Lower Upper

117 100

119 96.4 75.8 113.6

121 30.9 24.0 36.0





#39

Methylcyclohexane

Concen: 51.097 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

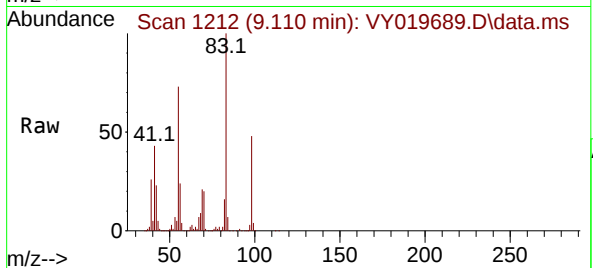
Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :



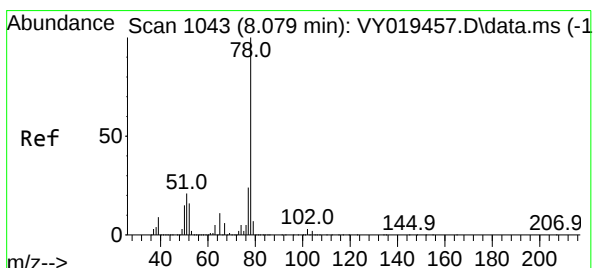
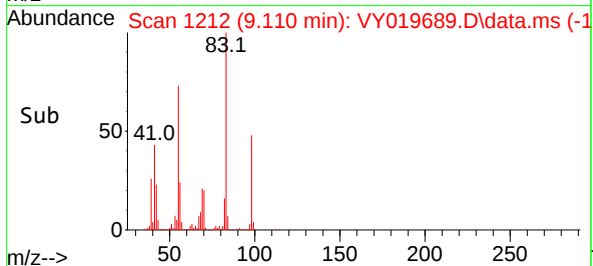
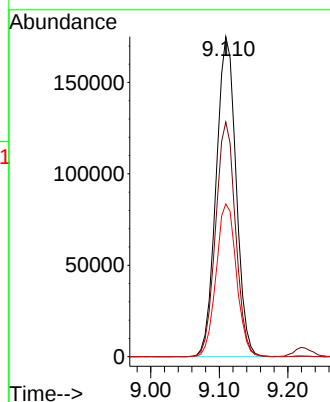
Tgt Ion: 83 Resp: 352980

Ion Ratio Lower Upper

83 100

55 73.3 51.5 77.3

98 47.7 40.5 60.7



#40

Benzene

Concen: 53.221 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019689.D

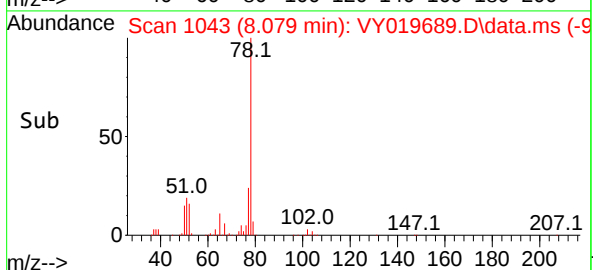
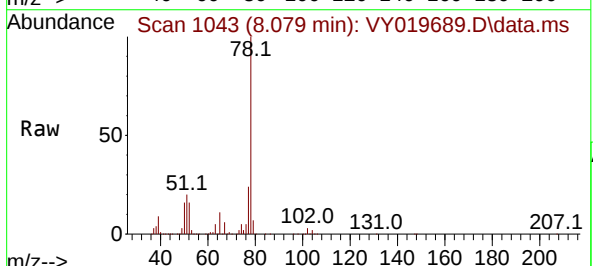
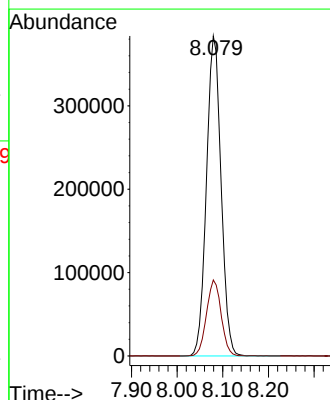
Acq: 25 Sep 2024 11:19

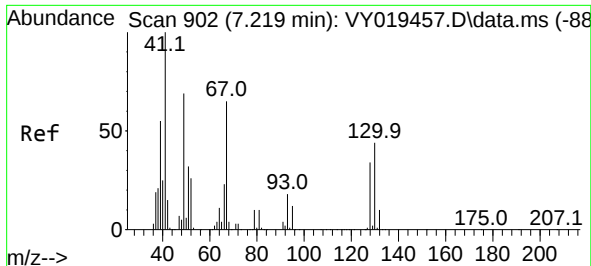
Tgt Ion: 78 Resp: 850914

Ion Ratio Lower Upper

78 100

77 23.7 19.5 29.3

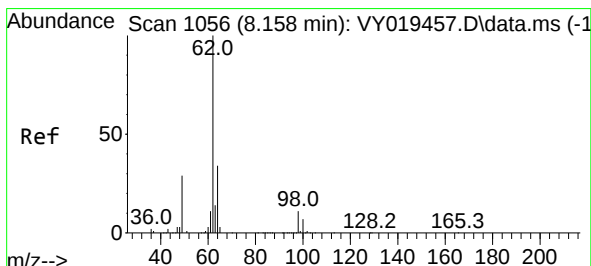
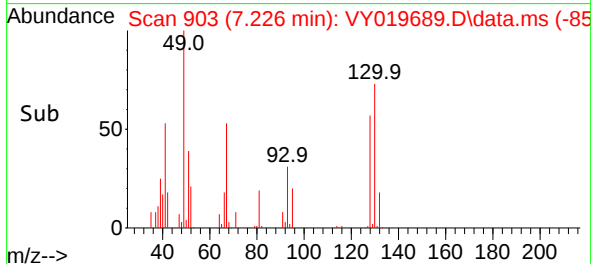
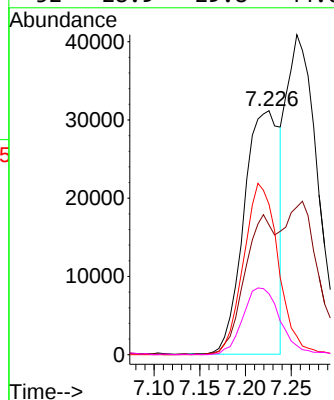
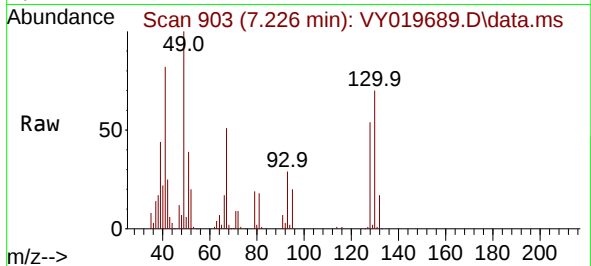




#41
Methacrylonitrile
Concen: 54.614 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.007 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

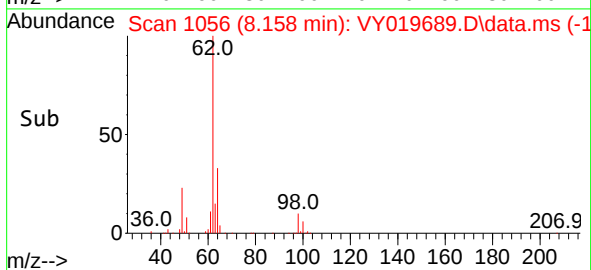
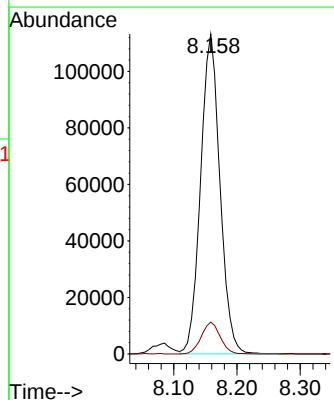
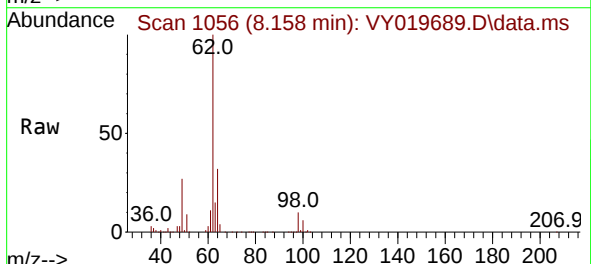
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 84674
Ion Ratio Lower Upper
41 100
39 47.7 48.0 72.0#
67 68.5 75.1 112.7#
52 28.9 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 56.005 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

Tgt Ion: 62 Resp: 240949
Ion Ratio Lower Upper
62 100
98 9.7 0.0 22.0

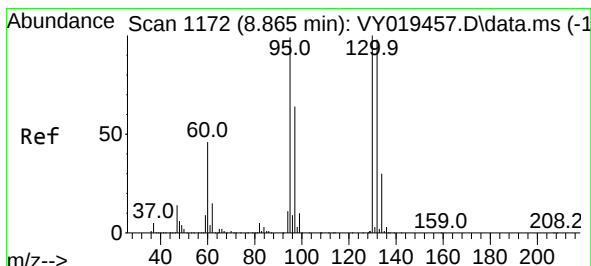
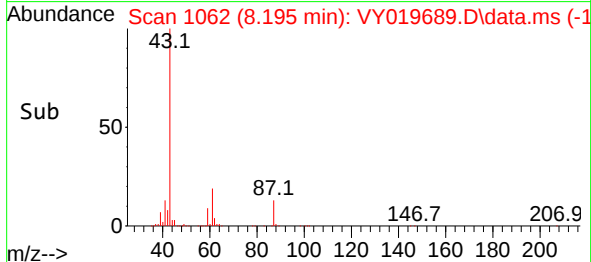
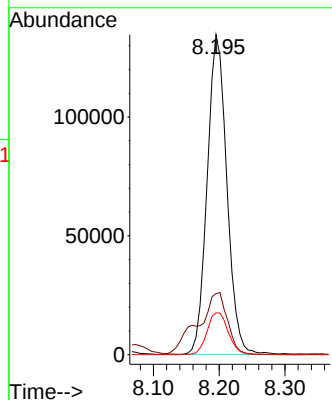
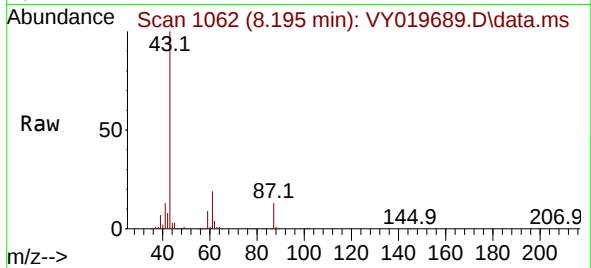




#43
Isopropyl Acetate
Concen: 50.118 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

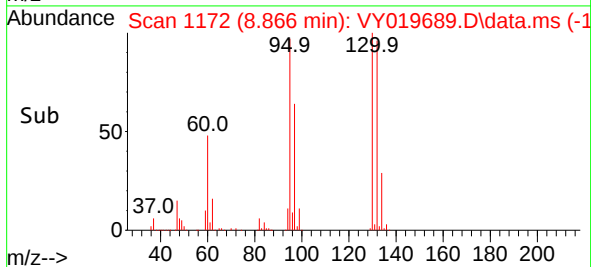
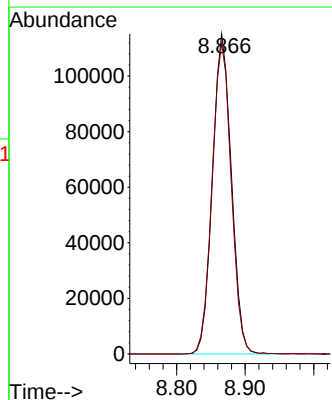
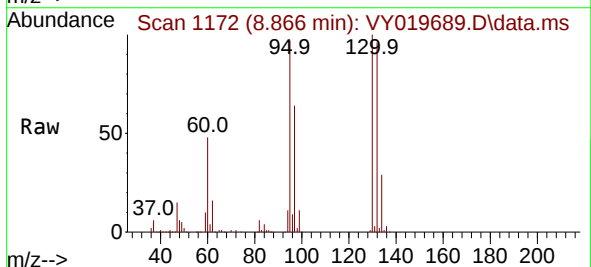
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 280052
Ion Ratio Lower Upper
43 100
61 29.0 27.9 41.9
87 14.2 13.1 19.7



#44
Trichloroethene
Concen: 53.688 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

Tgt Ion:130 Resp: 220761
Ion Ratio Lower Upper
130 100
95 97.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 53.249 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

Instrument :

MSVOA_Y

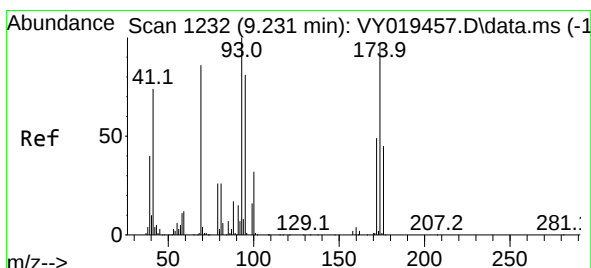
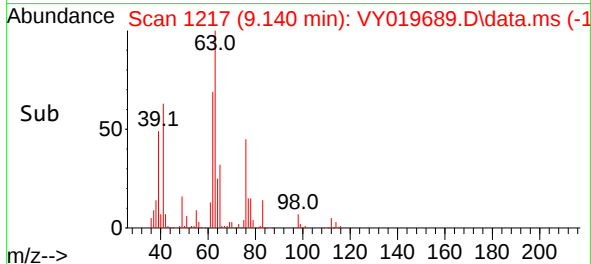
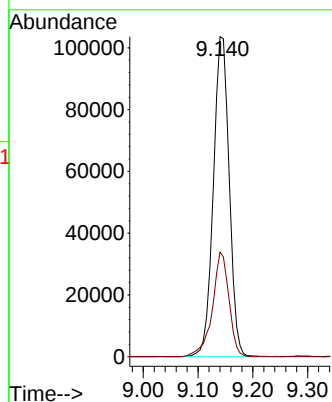
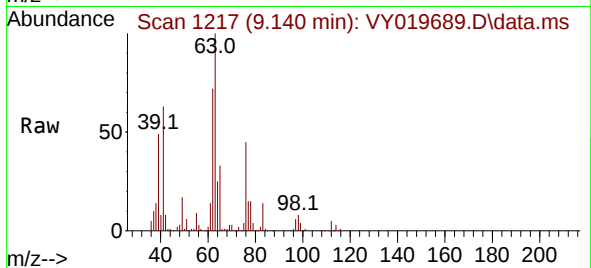
ClientSampleId :

Tgt Ion: 63 Resp: 208135

Ion Ratio Lower Upper

63 100

65 32.7 25.4 38.2



#46

Dibromomethane

Concen: 54.162 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

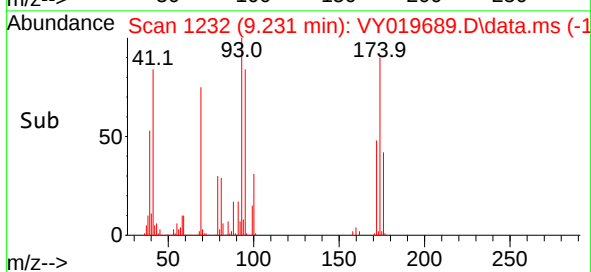
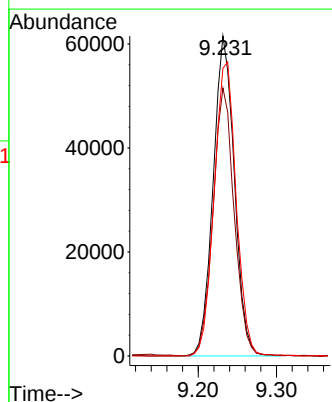
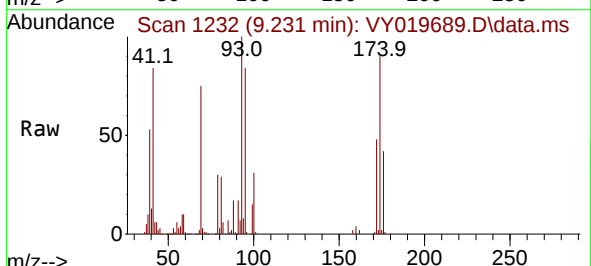
Tgt Ion: 93 Resp: 115771

Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.4

174 95.6 80.9 121.3

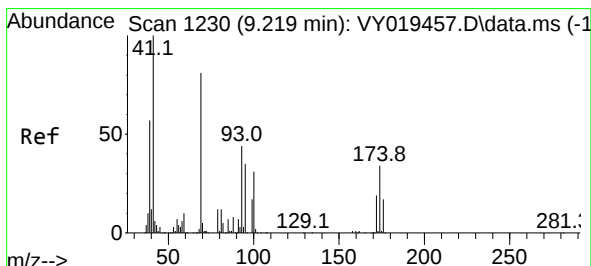
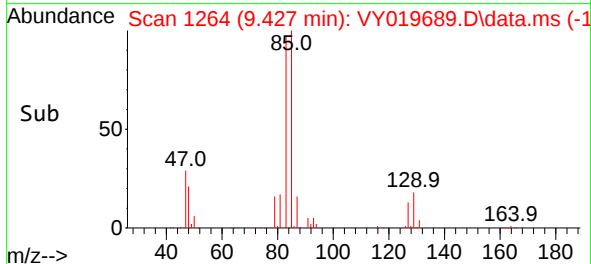
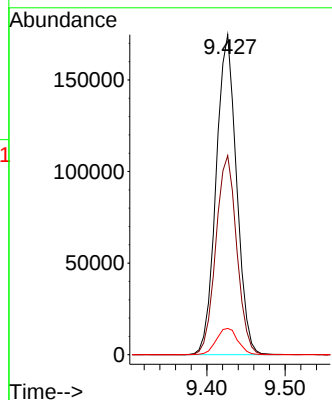
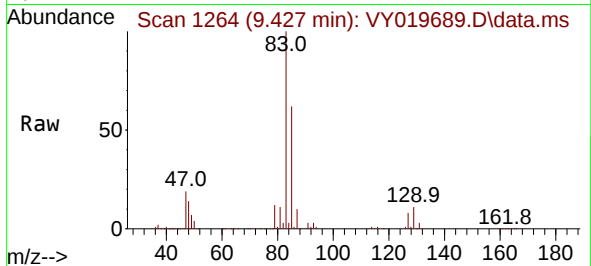




#47
Bromodichloromethane
Concen: 55.187 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

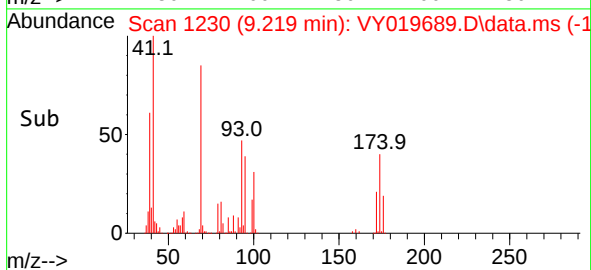
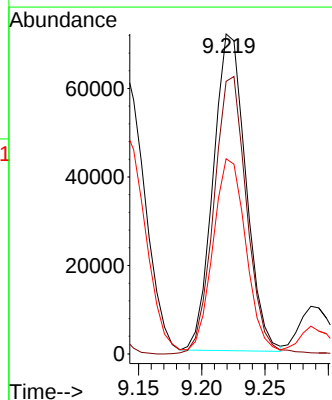
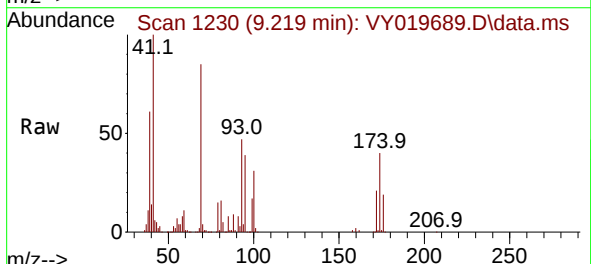
Instrument :
MSVOA_Y
ClientSampleId :

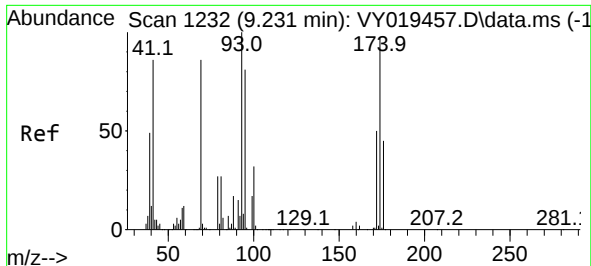
Tgt Ion: 83 Resp: 317091
Ion Ratio Lower Upper
83 100
85 62.2 50.1 75.1
127 8.2 7.4 11.0



#48
Methyl methacrylate
Concen: 48.769 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

Tgt Ion: 41 Resp: 128690
Ion Ratio Lower Upper
41 100
69 88.2 84.1 126.1
39 59.9 43.6 65.4





#49

1,4-Dioxane

Concen: 1032.781 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

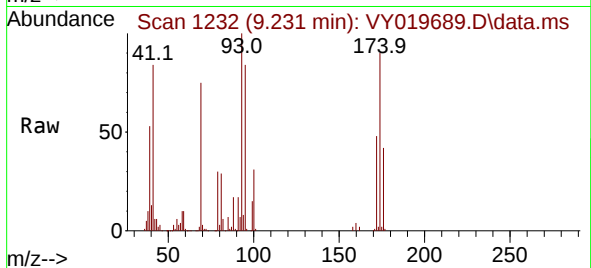
Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :



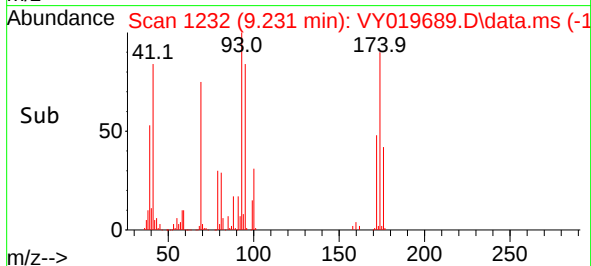
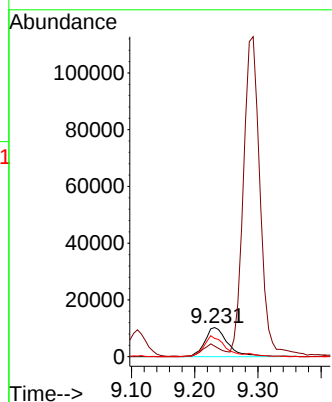
Tgt Ion: 88 Resp: 25988

Ion Ratio Lower Upper

88 100

43 32.4 0.0 0.0#

58 63.7 49.3 73.9



#50

Toluene-d8

Concen: 52.758 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019689.D

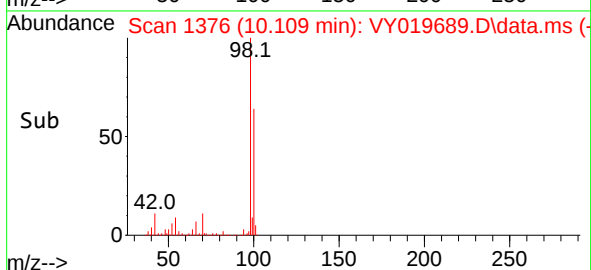
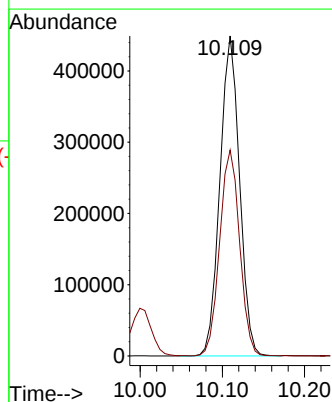
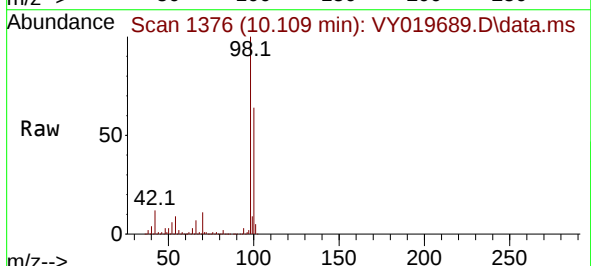
Acq: 25 Sep 2024 11:19

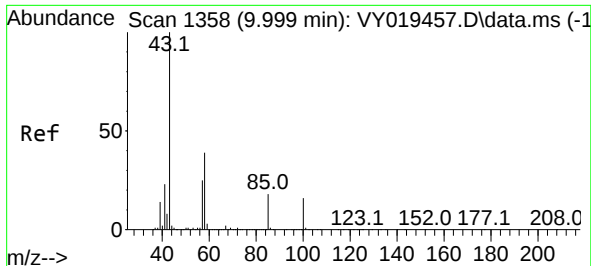
Tgt Ion: 98 Resp: 744428

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 252.547 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

Instrument :

MSVOA_Y

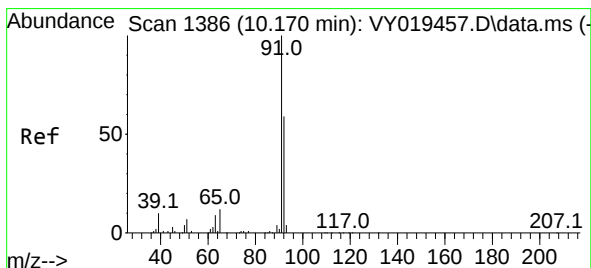
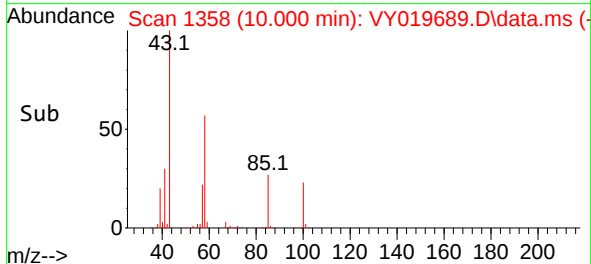
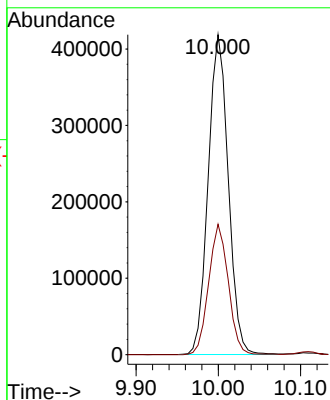
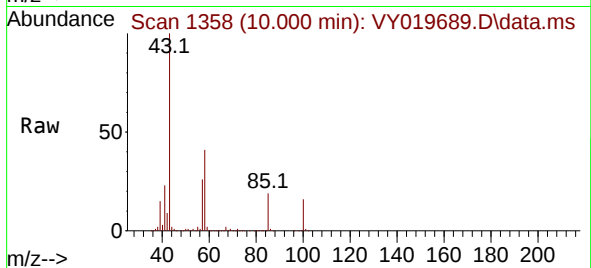
ClientSampleId :

Tgt Ion: 43 Resp: 709959

Ion Ratio Lower Upper

43 100

58 39.9 35.7 53.5



#52

Toluene

Concen: 54.369 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019689.D

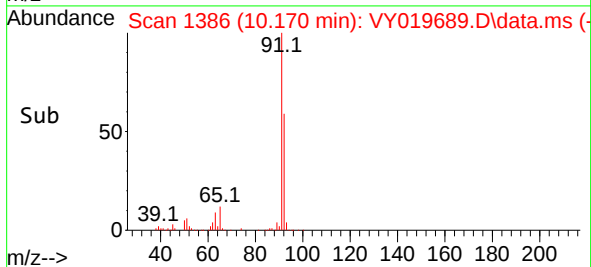
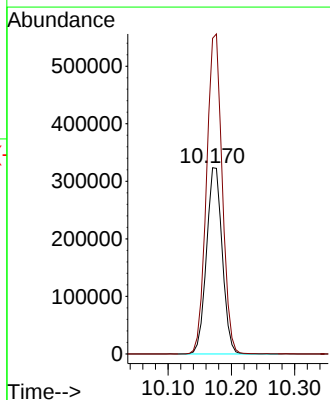
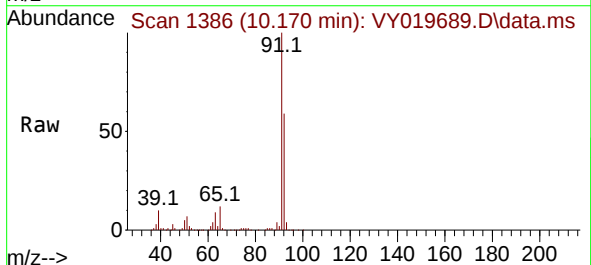
Acq: 25 Sep 2024 11:19

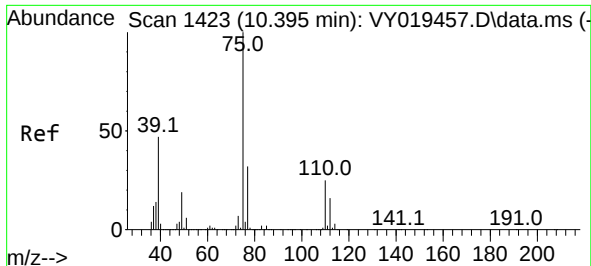
Tgt Ion: 92 Resp: 559064

Ion Ratio Lower Upper

92 100

91 171.4 139.0 208.6

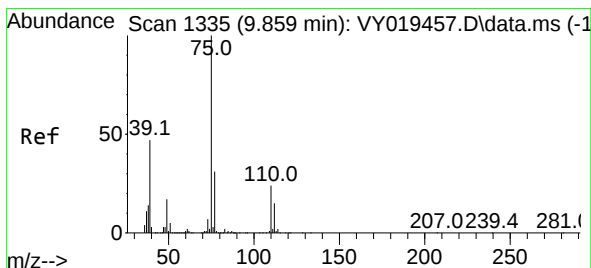
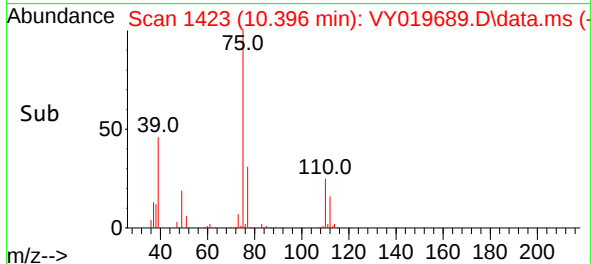
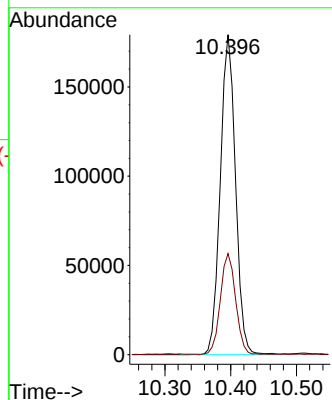
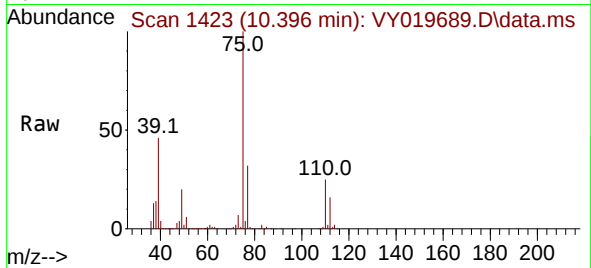




#53
t-1,3-Dichloropropene
Concen: 52.701 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

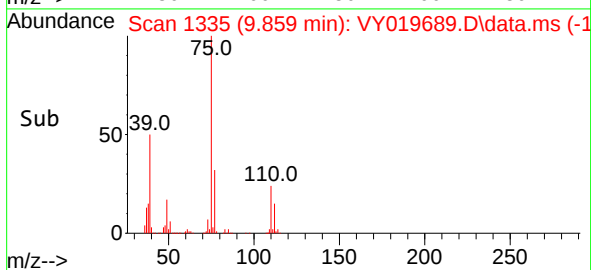
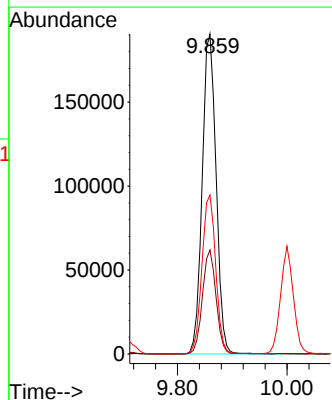
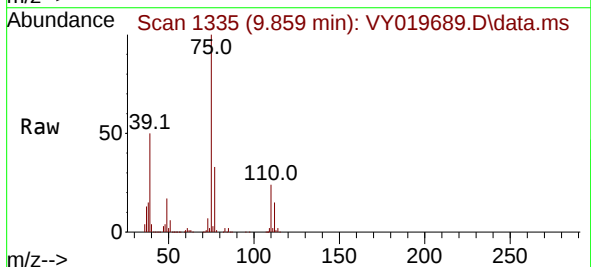
Instrument :
MSVOA_Y
ClientSampleId :

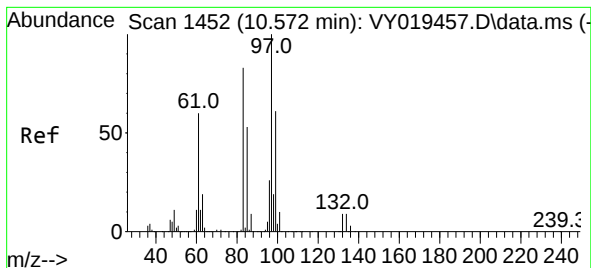
Tgt Ion: 75 Resp: 288655
Ion Ratio Lower Upper
75 100
77 31.5 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 52.451 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

Tgt Ion: 75 Resp: 334524
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0
39 49.6 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 53.649 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 158362

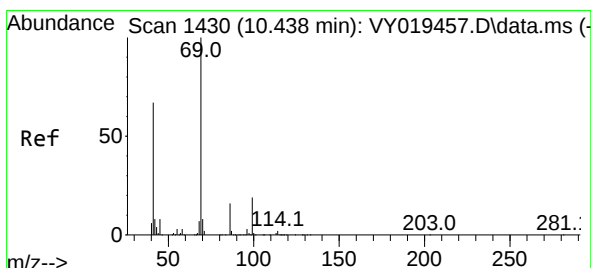
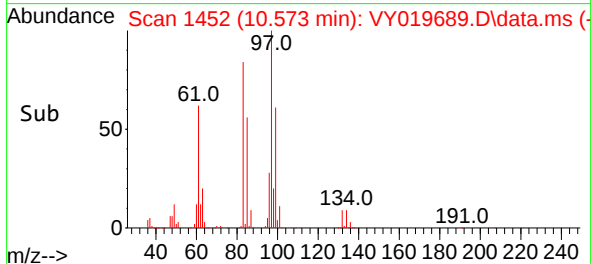
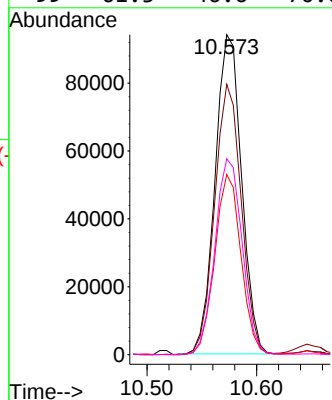
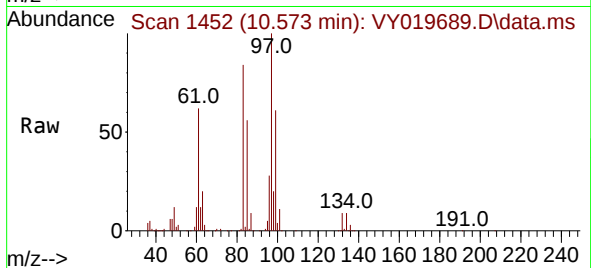
Ion Ratio Lower Upper

97 100

83 84.7 67.5 101.3

85 56.4 42.9 64.3

99 61.3 46.6 70.0



#56

Ethyl methacrylate

Concen: 52.441 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

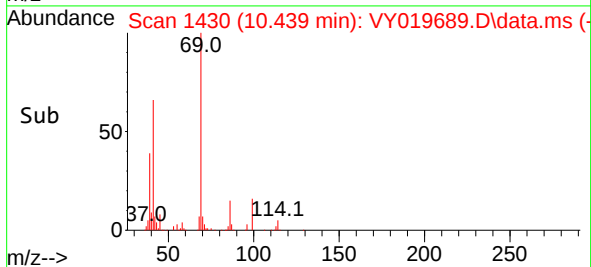
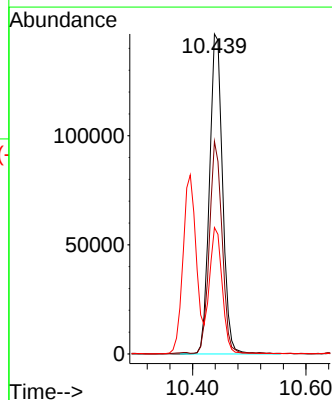
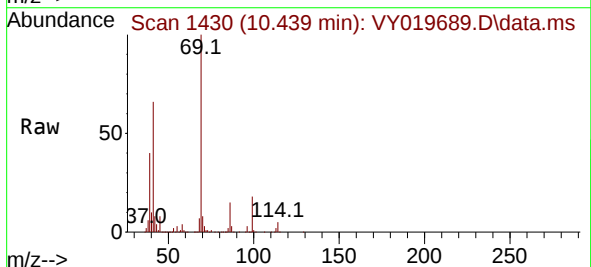
Tgt Ion: 69 Resp: 235146

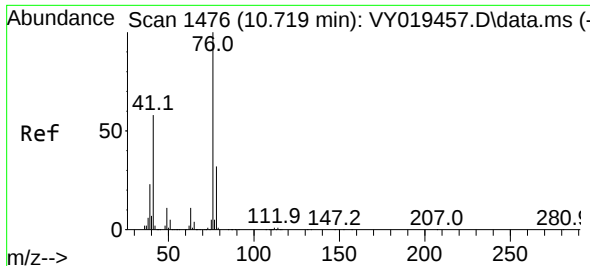
Ion Ratio Lower Upper

69 100

41 63.9 42.3 63.5#

39 37.7 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 53.406 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

Instrument :

MSVOA_Y

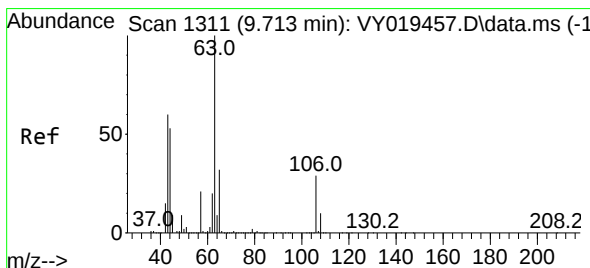
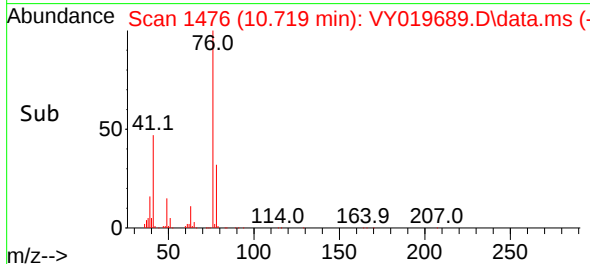
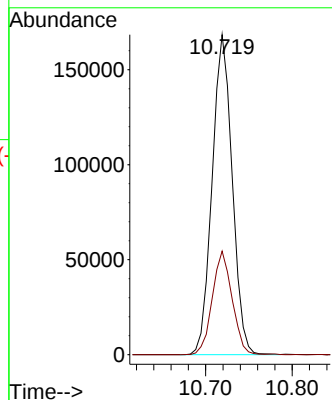
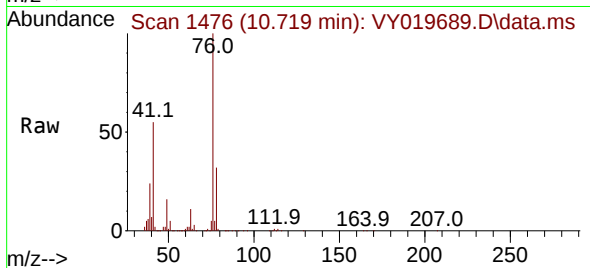
ClientSampleId :

Tgt Ion: 76 Resp: 270981

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 265.141 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019689.D

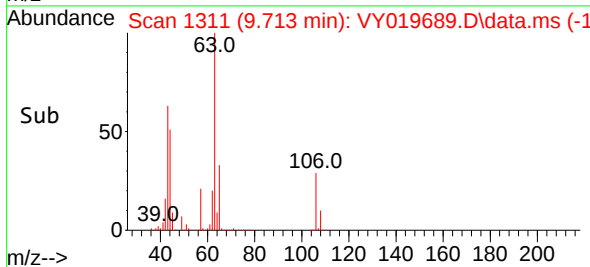
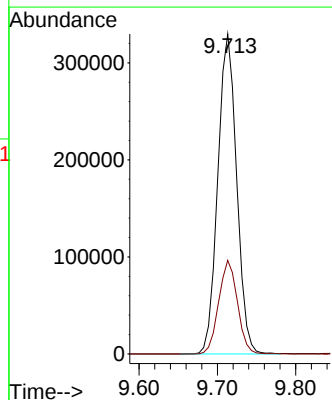
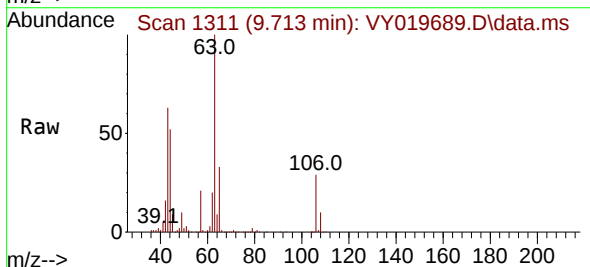
Acq: 25 Sep 2024 11:19

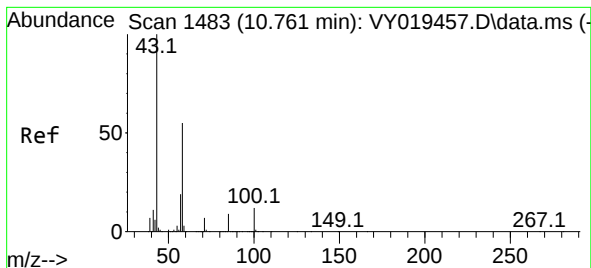
Tgt Ion: 63 Resp: 551798

Ion Ratio Lower Upper

63 100

106 29.0 23.7 35.5

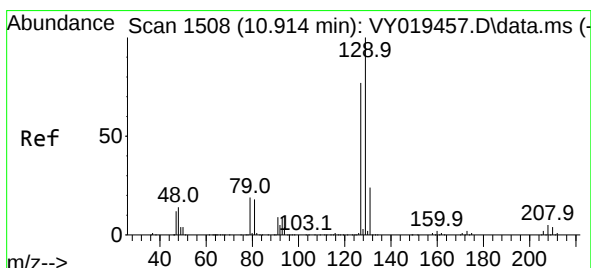
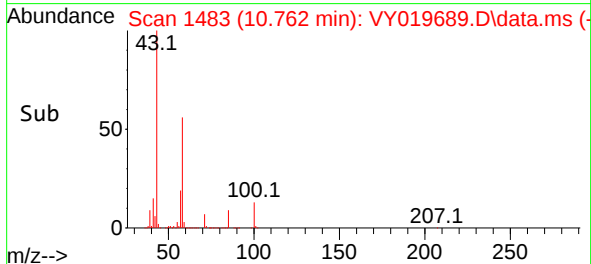
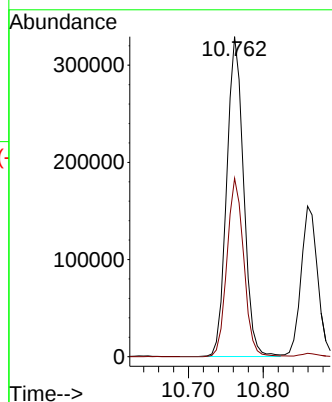
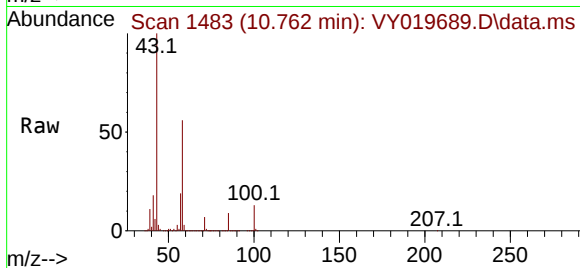




#59
2-Hexanone
Concen: 251.364 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

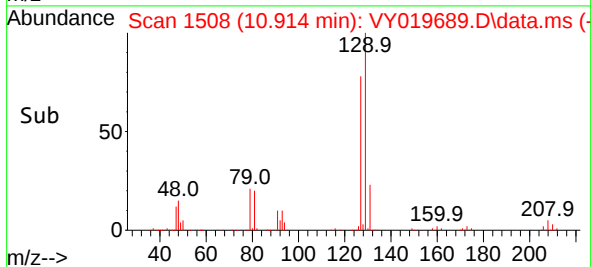
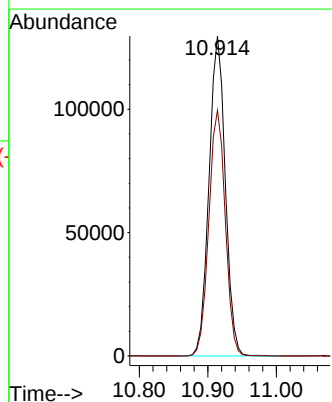
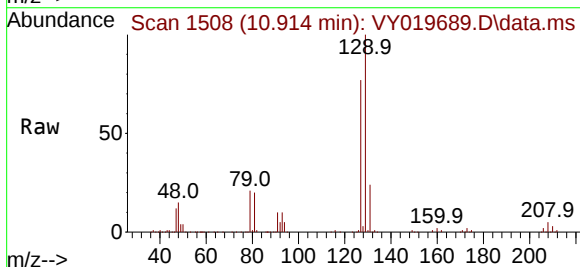
Instrument :
MSVOA_Y
ClientSampleId :

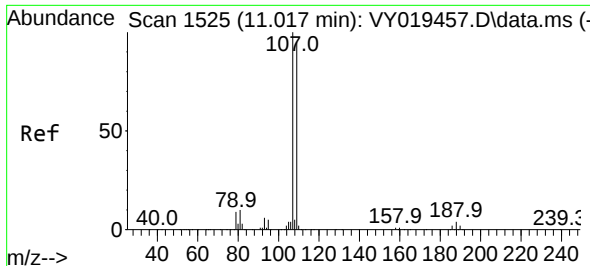
Tgt Ion: 43 Resp: 518056
Ion Ratio Lower Upper
43 100
58 55.4 31.4 94.0



#60
Dibromochloromethane
Concen: 54.871 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

Tgt Ion:129 Resp: 214255
Ion Ratio Lower Upper
129 100
127 77.6 39.0 117.0

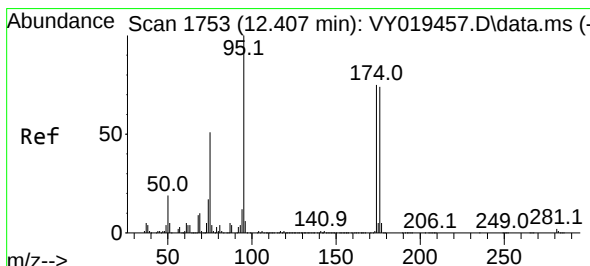
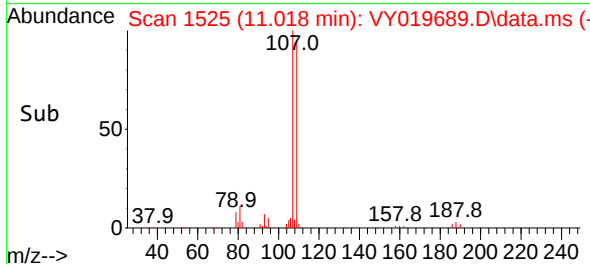
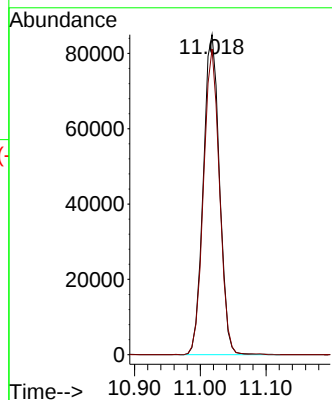
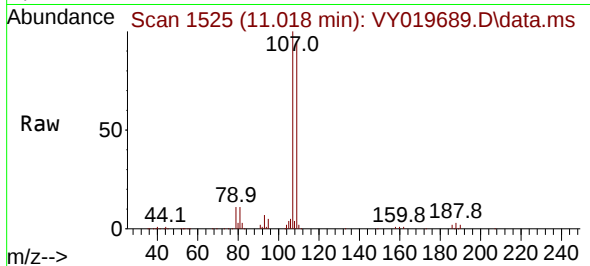




#61
1,2-Dibromoethane
Concen: 52.792 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

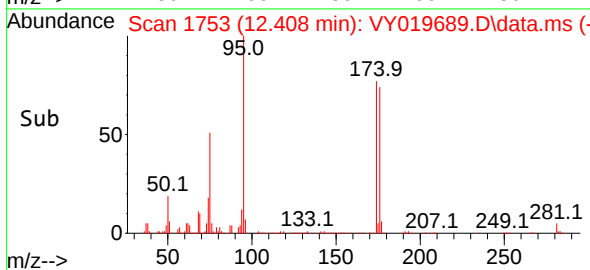
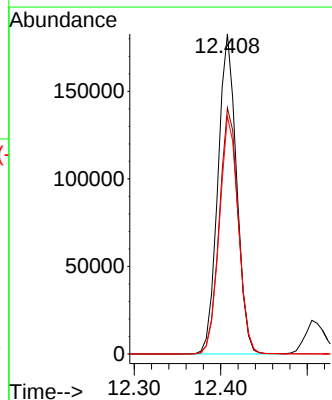
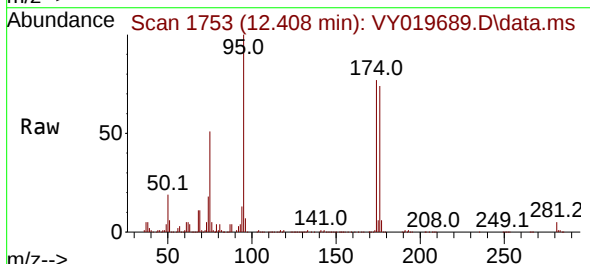
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 145196
Ion Ratio Lower Upper
107 100
109 94.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 50.369 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

Tgt Ion: 95 Resp: 273277
Ion Ratio Lower Upper
95 100
174 77.9 0.0 175.6
176 75.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

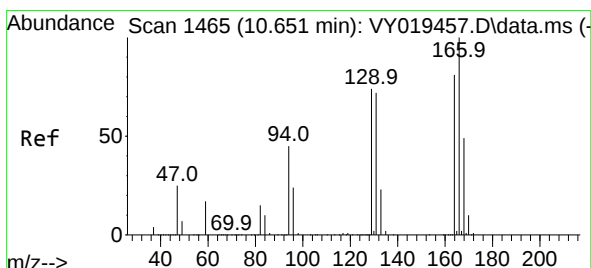
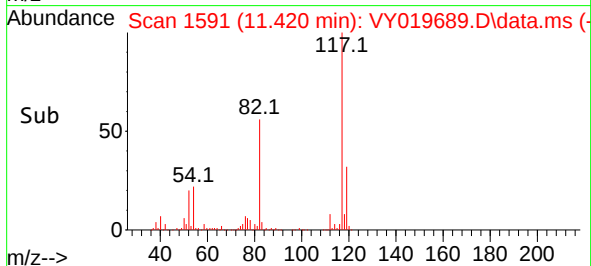
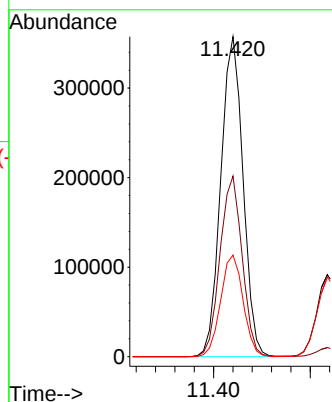
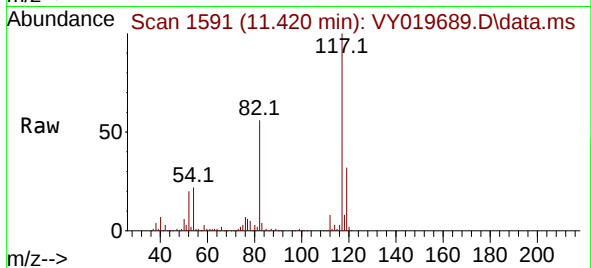
Tgt Ion:117 Resp: 569287

Ion Ratio Lower Upper

117 100

82 56.5 42.4 63.6

119 31.8 25.9 38.9



#64

Tetrachloroethene

Concen: 53.694 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

Tgt Ion:164 Resp: 189287

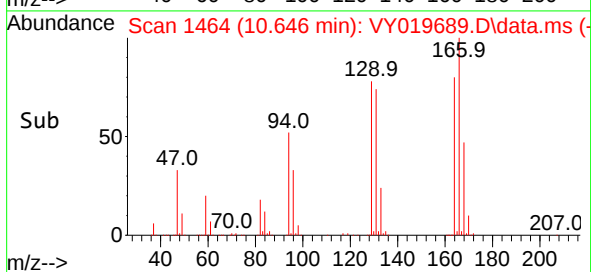
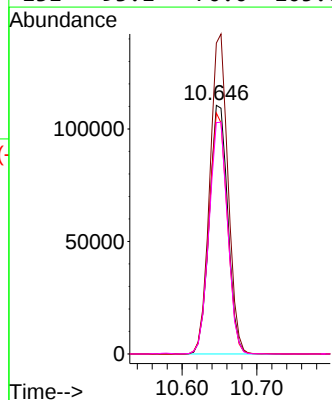
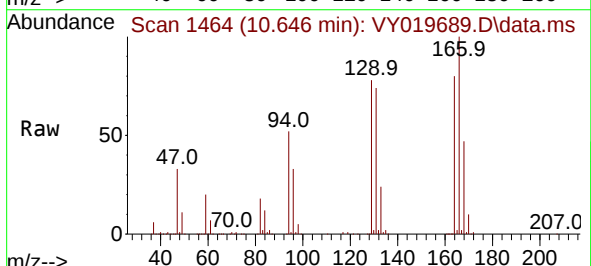
Ion Ratio Lower Upper

164 100

166 125.0 102.6 154.0

129 96.9 72.0 108.0

131 93.1 70.0 105.0





#65

Chlorobenzene

Concen: 55.299 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

Instrument :

MSVOA_Y

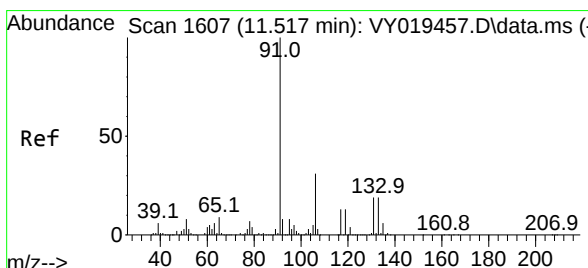
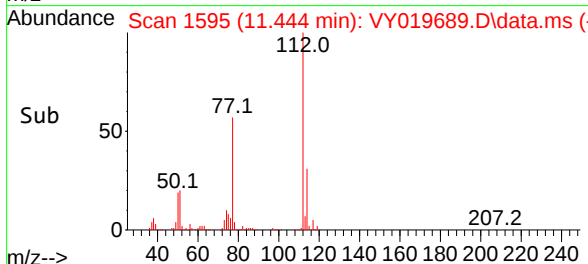
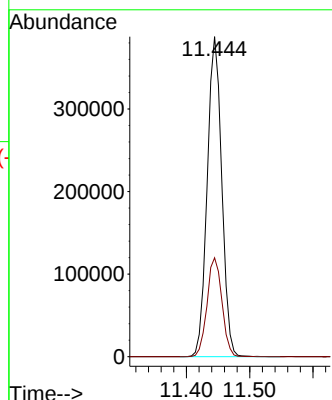
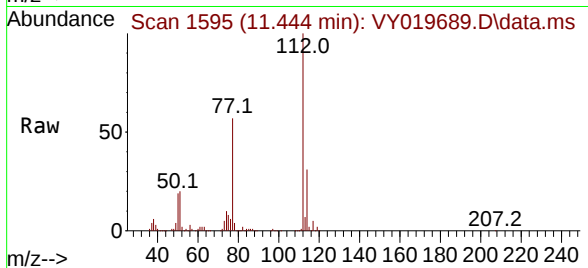
ClientSampleId :

Tgt Ion:112 Resp: 619247

Ion Ratio Lower Upper

112 100

114 30.9 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 56.104 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

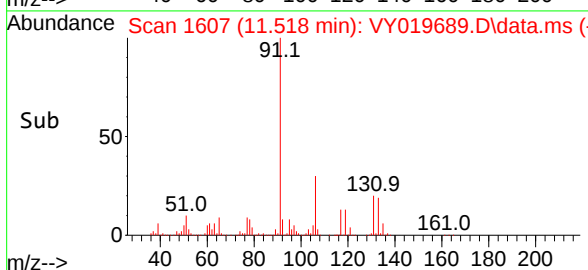
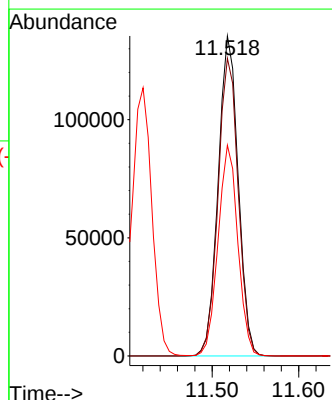
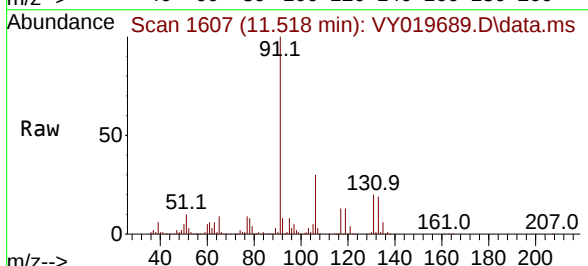
Tgt Ion:131 Resp: 217527

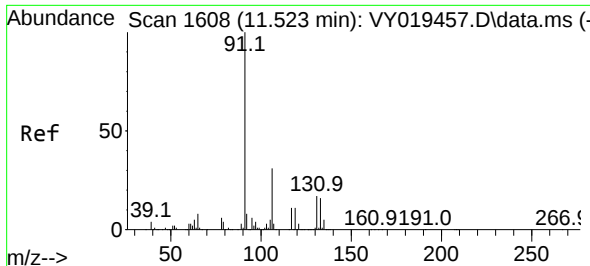
Ion Ratio Lower Upper

131 100

133 93.9 47.8 143.3

119 65.0 34.1 102.2

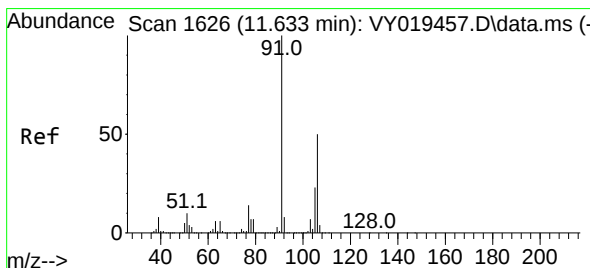
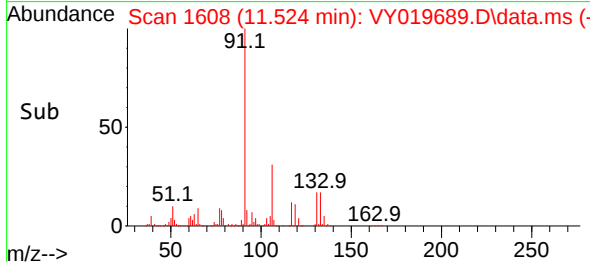
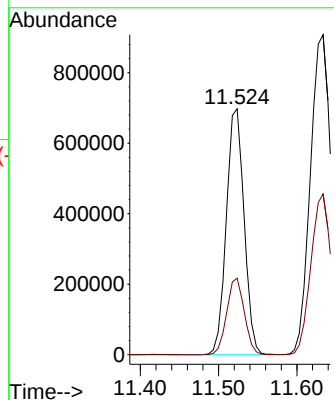
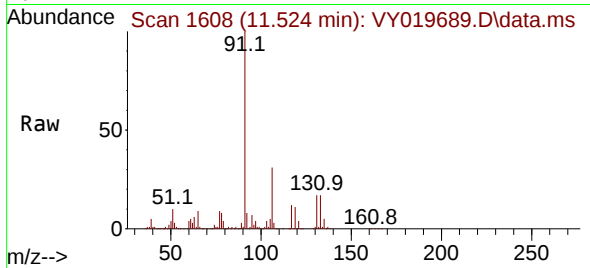




#67
Ethyl Benzene
Concen: 55.286 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

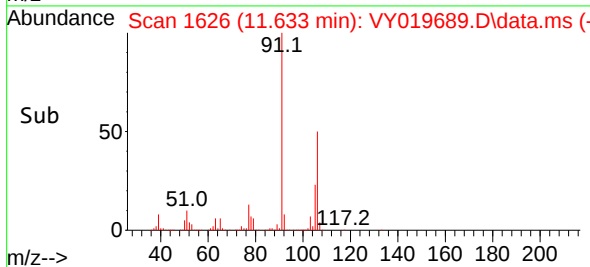
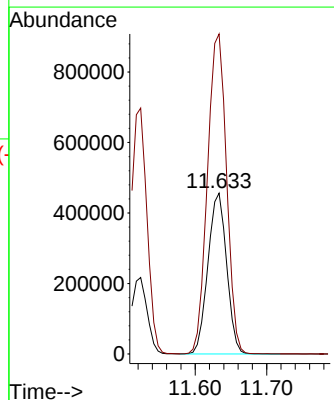
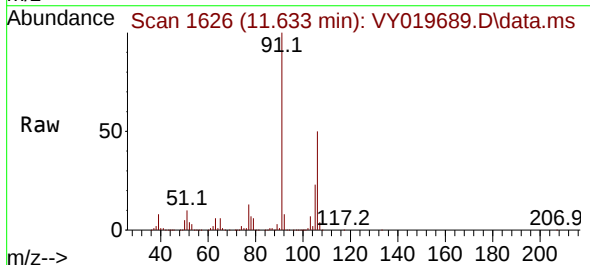
Instrument :
MSVOA_Y
ClientSampleId :

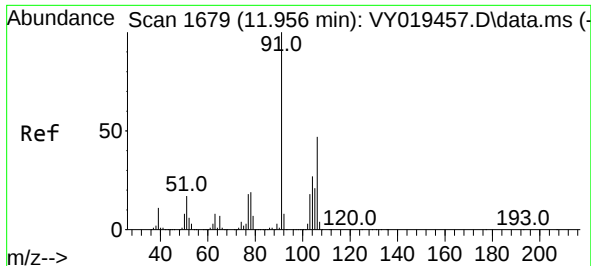
Tgt Ion: 91 Resp: 1100038
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7



#68
m/p-Xylenes
Concen: 109.994 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

Tgt Ion:106 Resp: 827557
Ion Ratio Lower Upper
106 100
91 203.3 156.0 234.0

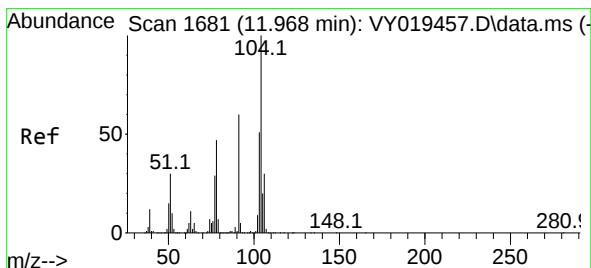
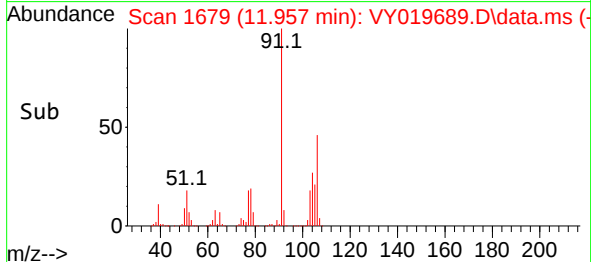
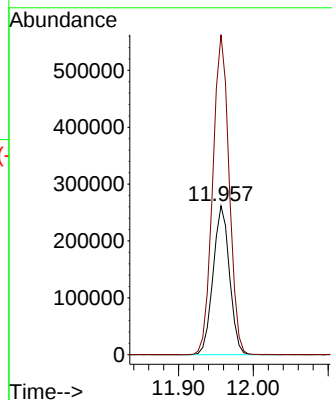
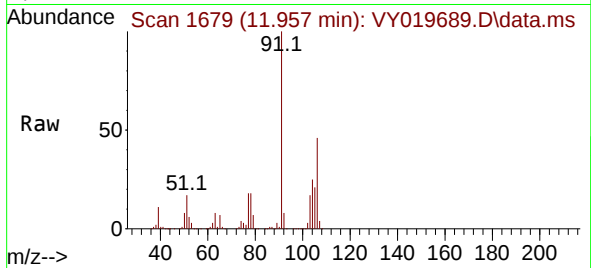




#69
o-Xylene
Concen: 54.253 ug/l
RT: 11.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

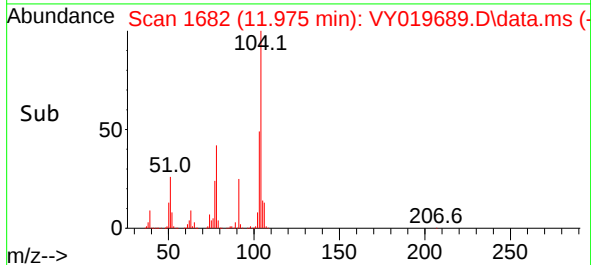
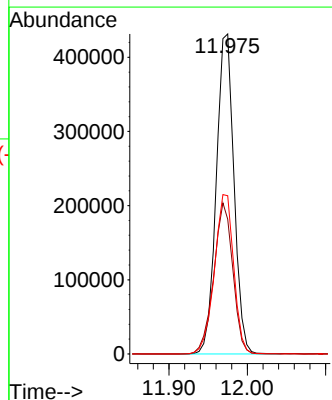
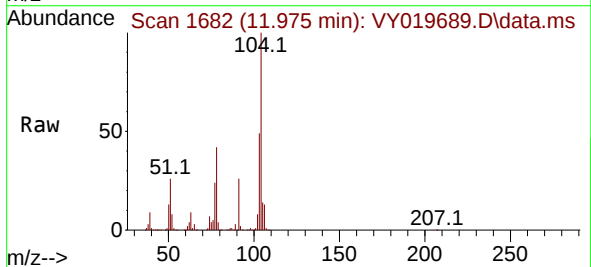
Instrument :
MSVOA_Y
ClientSampleId :

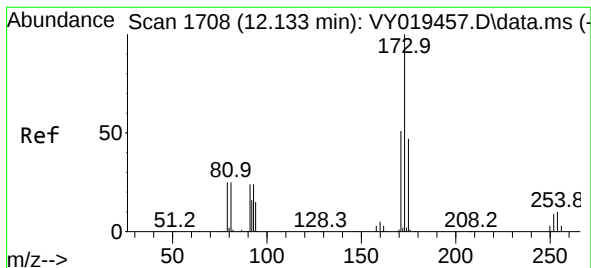
Tgt Ion:106 Resp: 399186
Ion Ratio Lower Upper
106 100
91 215.8 103.6 310.8



#70
Styrene
Concen: 54.554 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.007 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

Tgt Ion:104 Resp: 677722
Ion Ratio Lower Upper
104 100
78 50.9 37.0 55.4
103 54.3 44.2 66.2





#71

Bromoform

Concen: 54.460 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

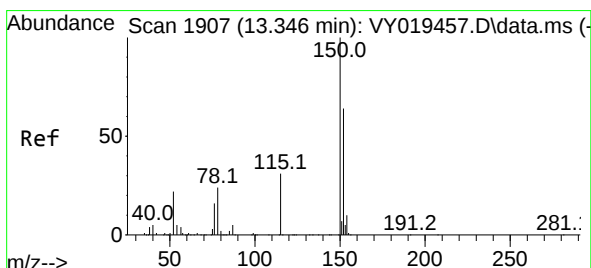
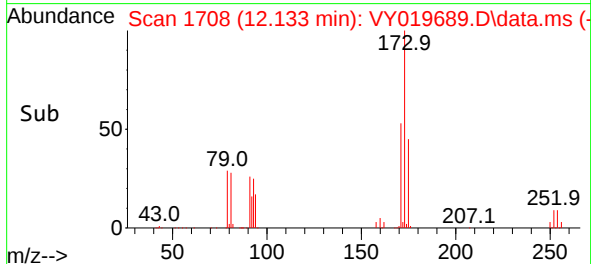
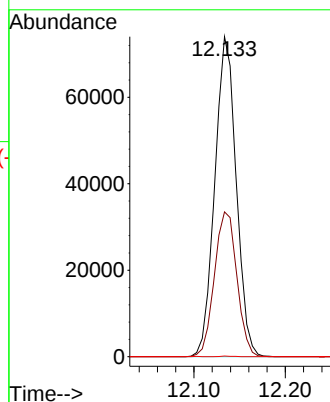
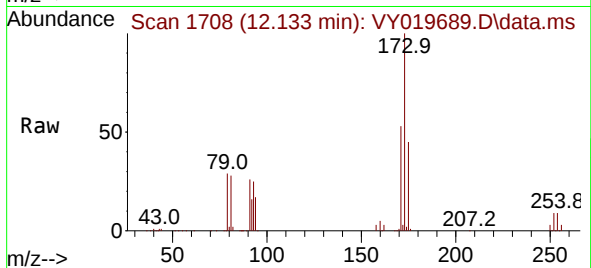
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 120604

Ion	Ratio	Lower	Upper
173	100		
175	47.5	25.1	75.3
254	0.1	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

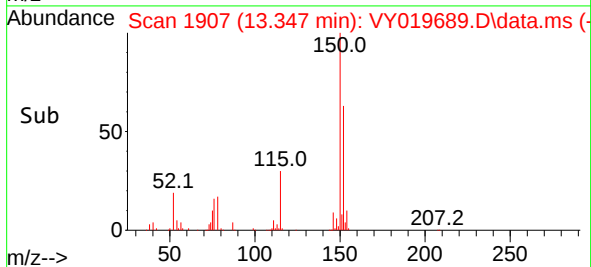
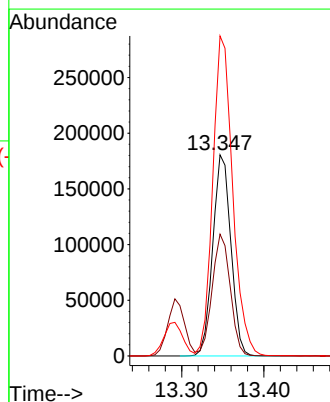
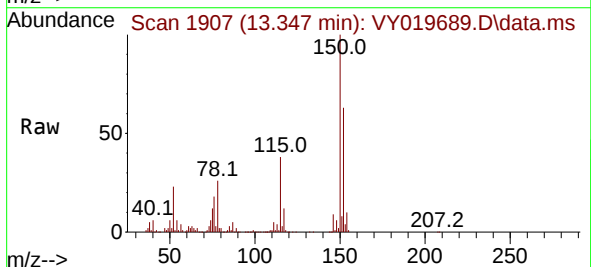
Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

Tgt Ion:152 Resp: 276659

Ion	Ratio	Lower	Upper
152	100		
115	60.3	28.2	84.7
150	174.9	0.0	345.6





#73

Isopropylbenzene

Concen: 53.867 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

Instrument :

MSVOA_Y

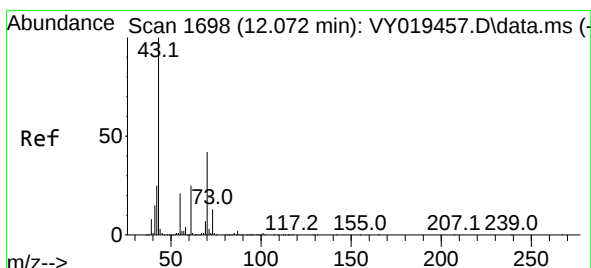
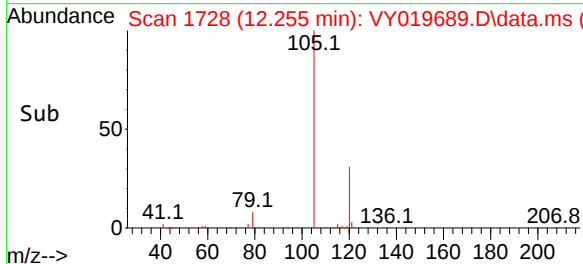
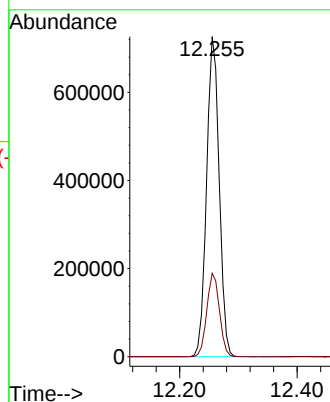
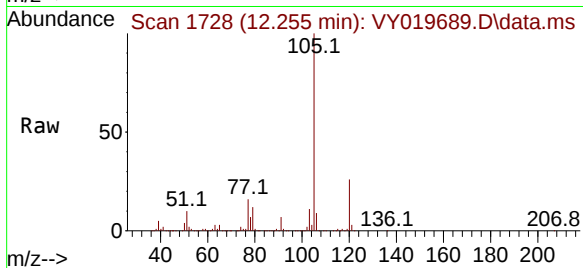
ClientSampleId :

Tgt Ion:105 Resp: 1081148

Ion Ratio Lower Upper

105 100

120 26.1 13.4 40.1



#74

N-ethyl acetate

Concen: 50.177 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

Tgt Ion: 43 Resp: 273894

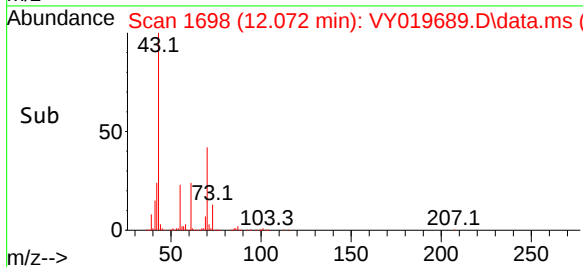
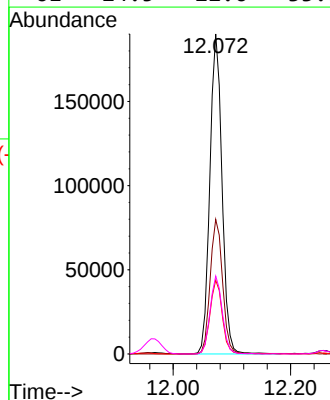
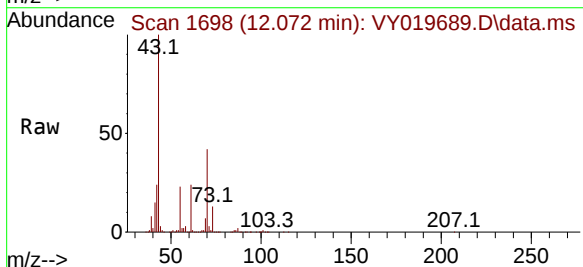
Ion Ratio Lower Upper

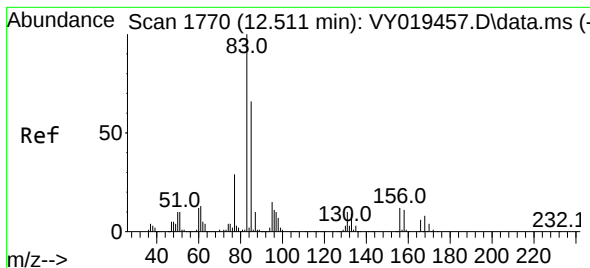
43 100

70 42.9 41.4 62.2

55 23.1 23.3 34.9#

61 24.5 22.6 33.8

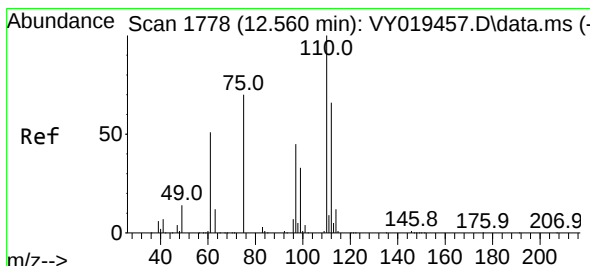
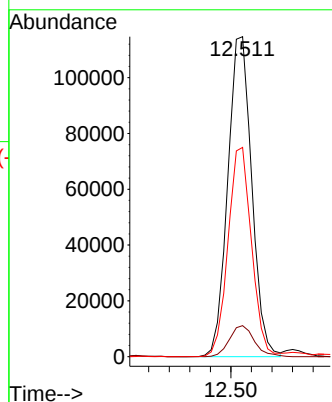
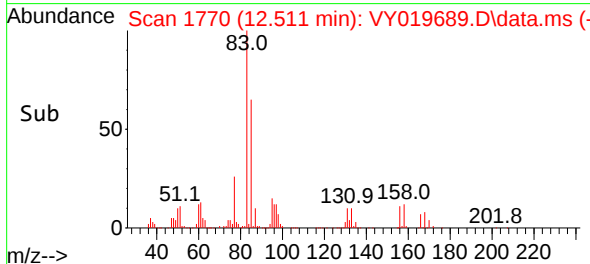
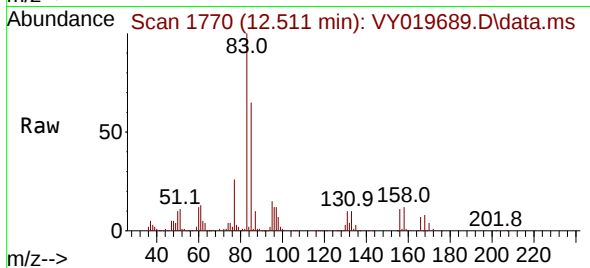




#75
 1,1,2-Tetrachloroethane
 Concen: 52.235 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. 0.000 min
 Lab File: VY019689.D
 Acq: 25 Sep 2024 11:19

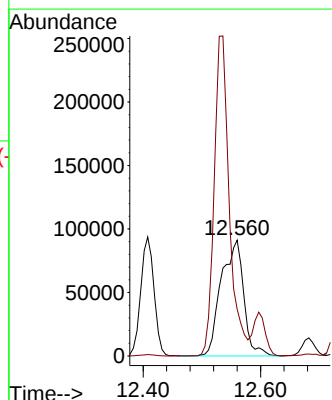
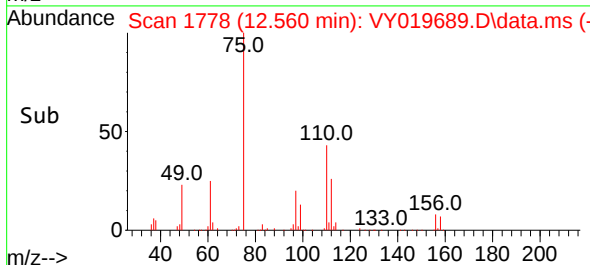
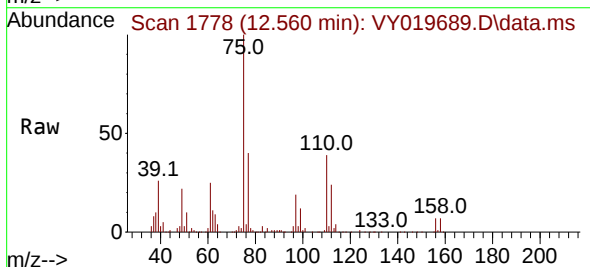
Instrument :
 MSVOA_Y
 ClientSampleId :

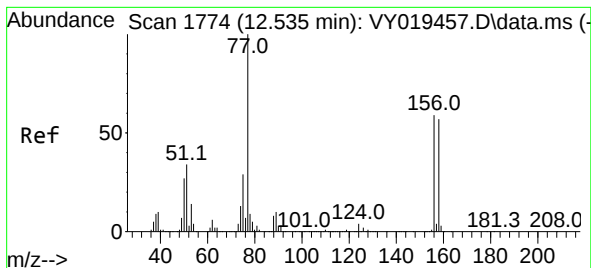
Tgt Ion: 83 Resp: 186087
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.0 14.9
 85 64.1 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 93.959 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY019689.D
 Acq: 25 Sep 2024 11:19

Tgt Ion: 75 Resp: 243644
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.860 ug/l

RT: 12.536 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

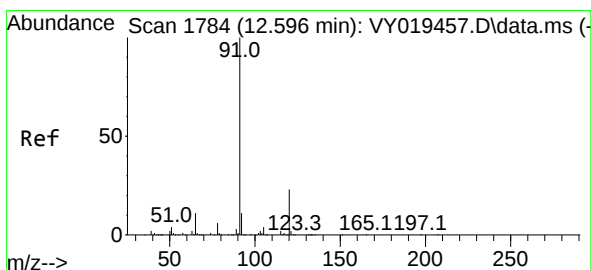
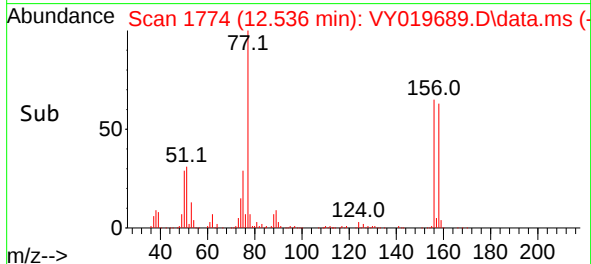
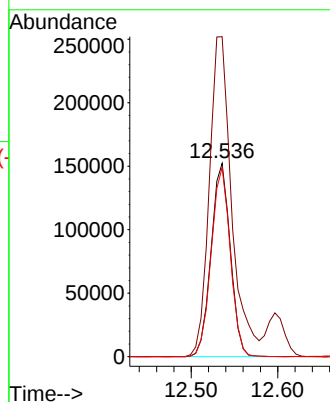
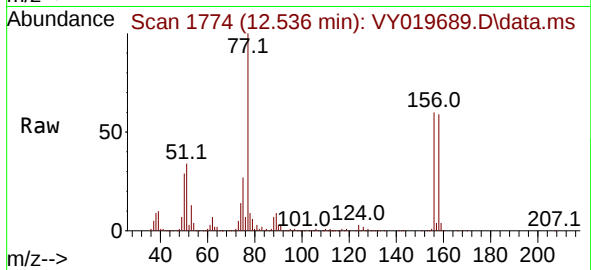
Tgt Ion:156 Resp: 235302

Ion Ratio Lower Upper

156 100

77 191.6 87.1 261.3

158 96.9 48.6 145.9



#78

n-propylbenzene

Concen: 53.579 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019689.D

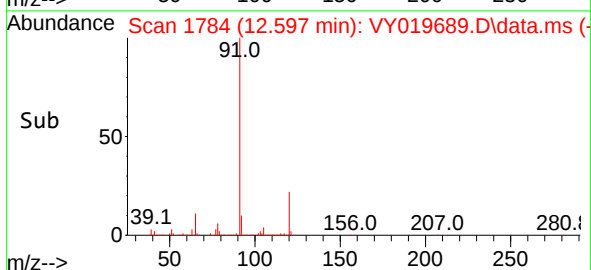
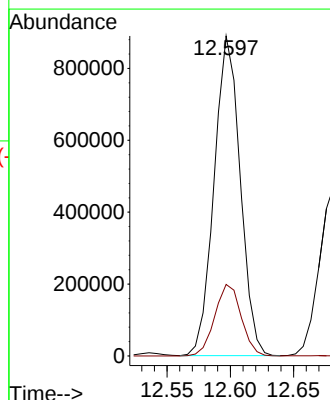
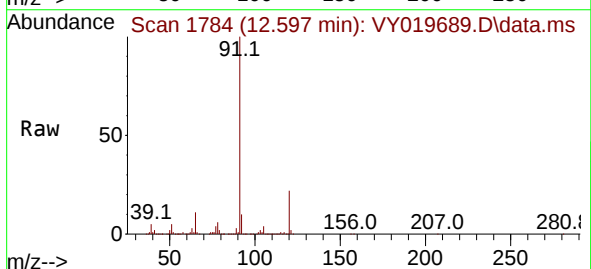
Acq: 25 Sep 2024 11:19

Tgt Ion: 91 Resp: 1274595

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 52.556 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

Instrument :

MSVOA_Y

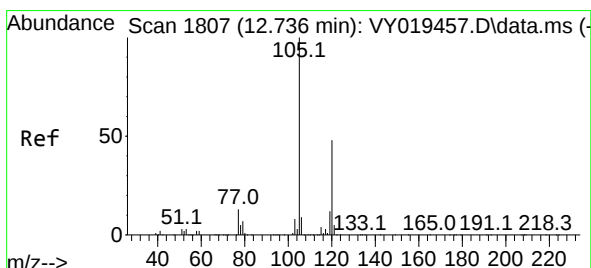
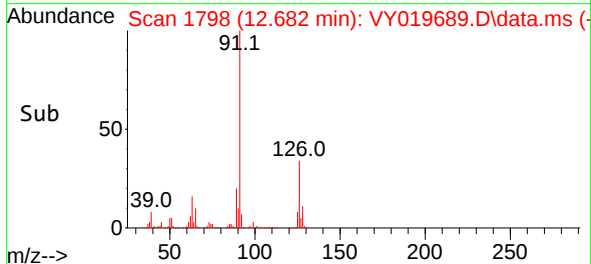
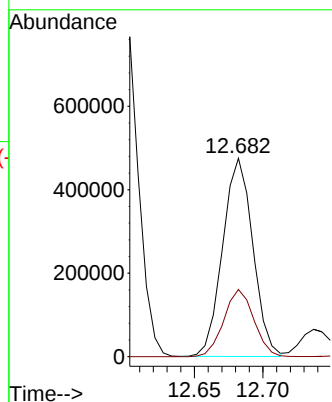
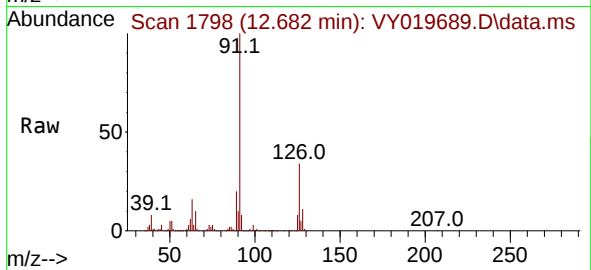
ClientSampleId :

Tgt Ion: 91 Resp: 728621

Ion Ratio Lower Upper

91 100

126 33.8 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 53.496 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019689.D

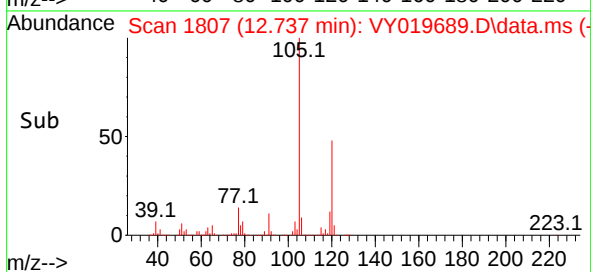
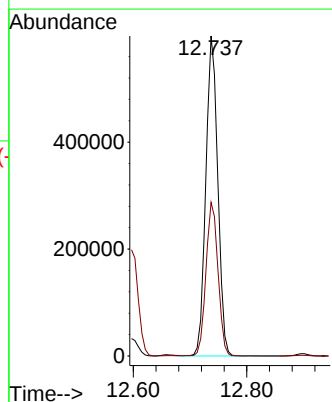
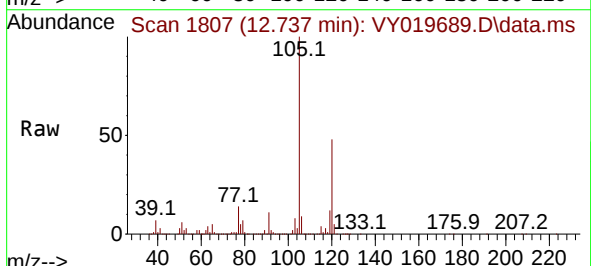
Acq: 25 Sep 2024 11:19

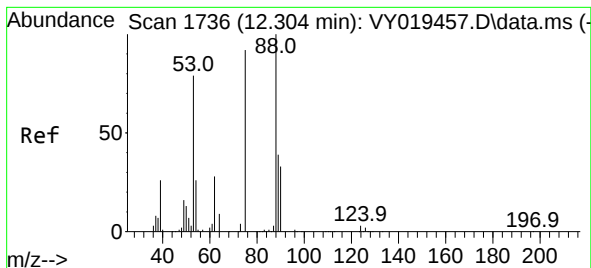
Tgt Ion: 105 Resp: 872871

Ion Ratio Lower Upper

105 100

120 48.4 25.1 75.2

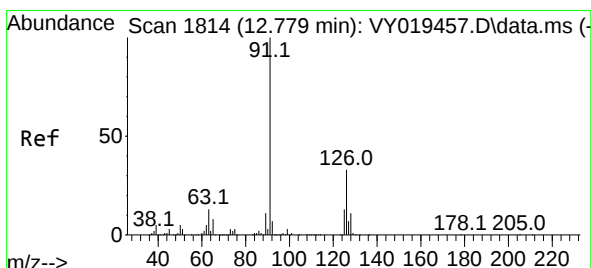
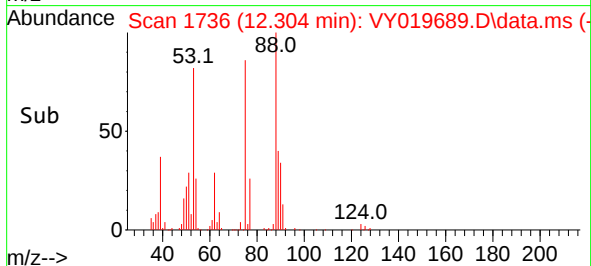
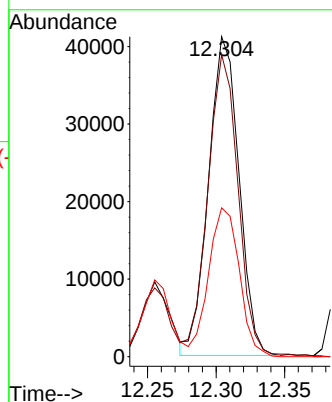
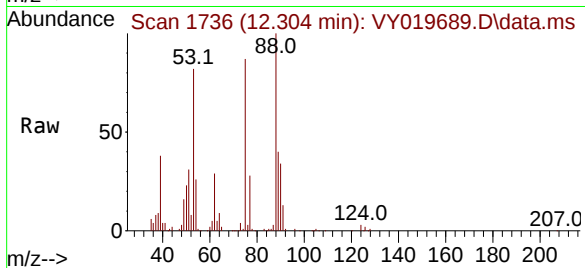




#81
trans-1,4-Dichloro-2-butene
Concen: 47.007 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

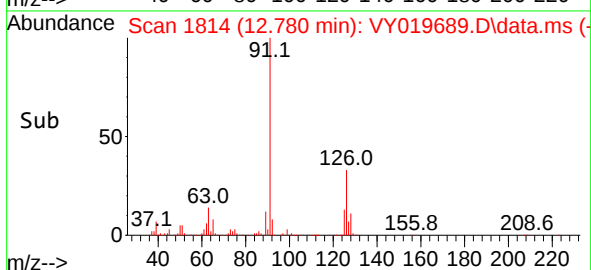
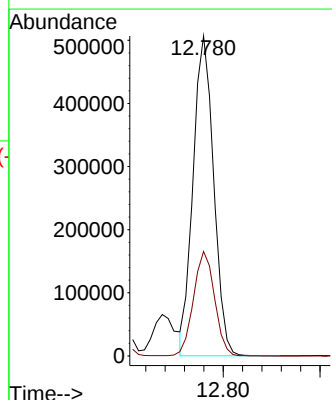
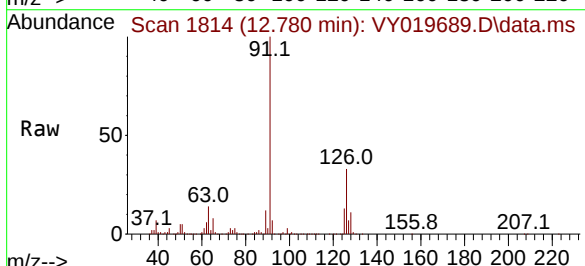
Instrument :
MSVOA_Y
ClientSampleId :

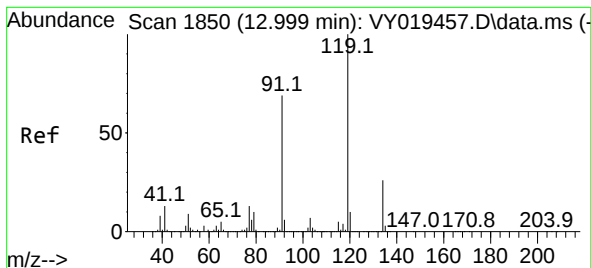
Tgt Ion: 75 Resp: 63496
Ion Ratio Lower Upper
75 100
53 94.7 66.8 100.2
89 47.0 35.8 53.6



#82
4-Chlorotoluene
Concen: 52.424 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019689.D
Acq: 25 Sep 2024 11:19

Tgt Ion: 91 Resp: 747204
Ion Ratio Lower Upper
91 100
126 33.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 54.312 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

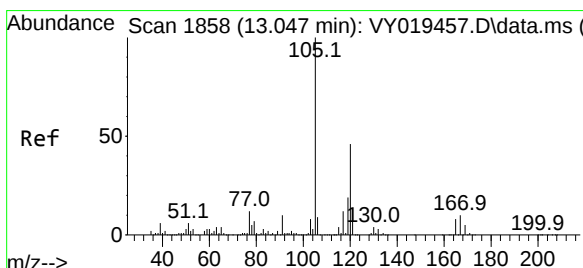
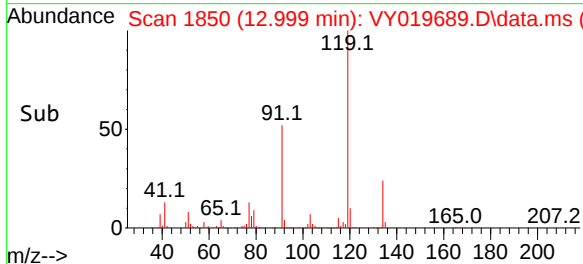
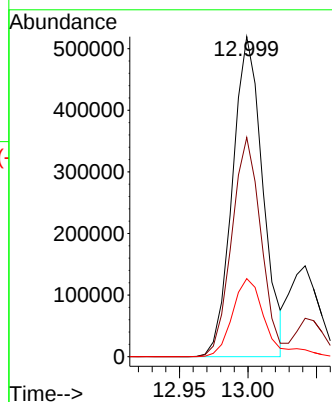
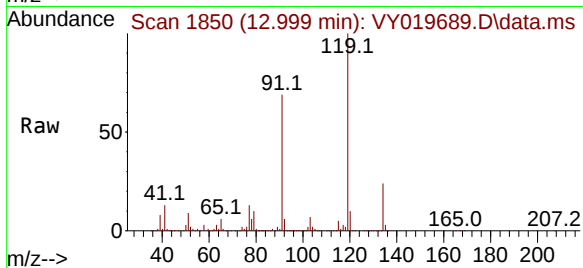
Tgt Ion:119 Resp: 802267

Ion Ratio Lower Upper

119 100

91 66.9 31.3 93.8

134 26.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 53.827 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY019689.D

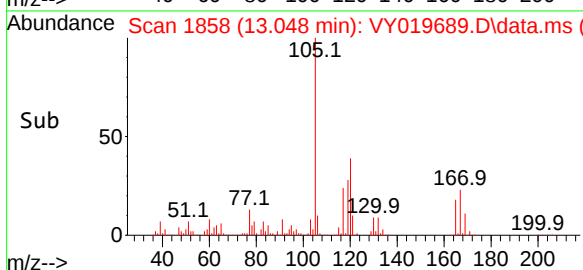
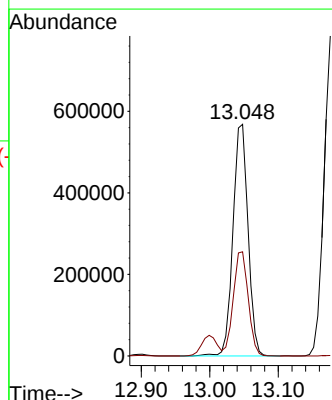
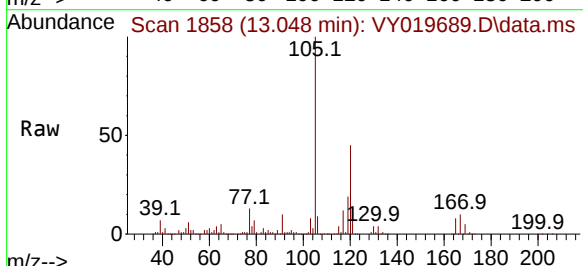
Acq: 25 Sep 2024 11:19

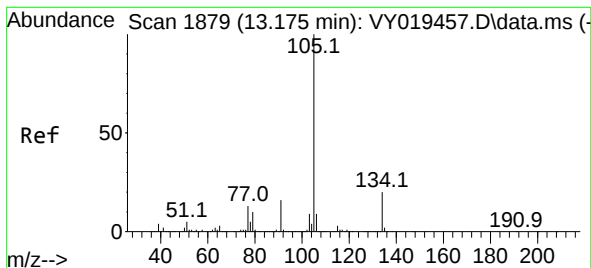
Tgt Ion:105 Resp: 869380

Ion Ratio Lower Upper

105 100

120 44.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 53.818 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

Instrument :

MSVOA_Y

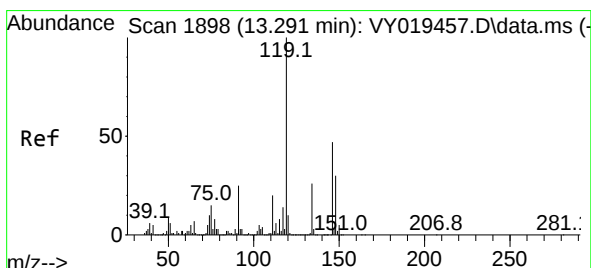
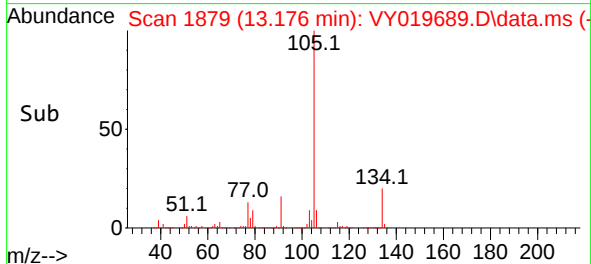
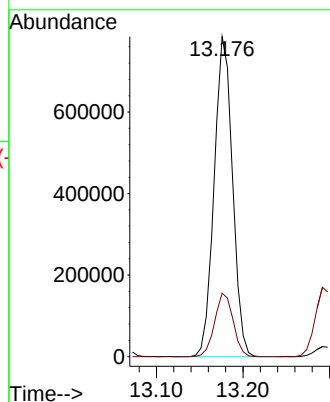
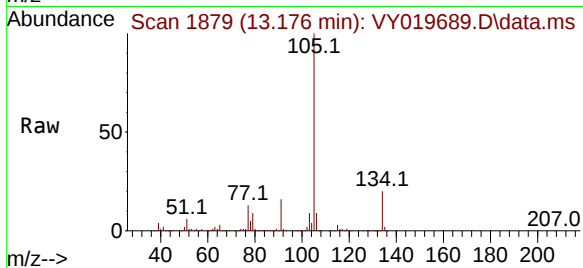
ClientSampleId :

Tgt Ion:105 Resp: 1154875

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 54.846 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

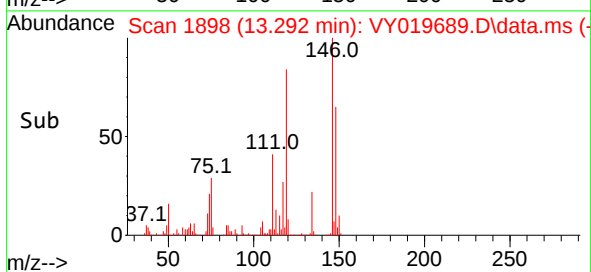
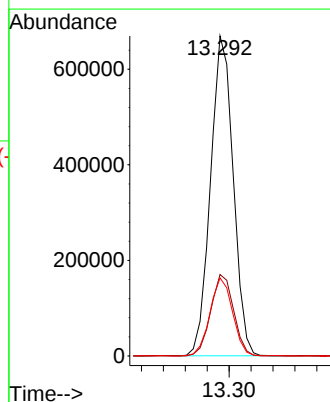
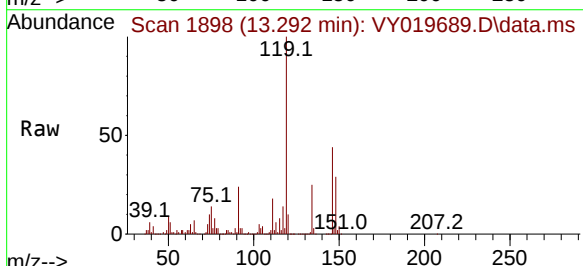
Tgt Ion:119 Resp: 962913

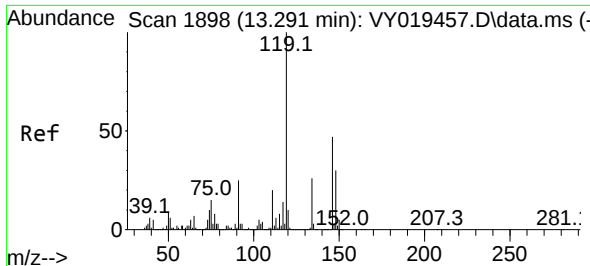
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

91 24.3 10.7 32.1

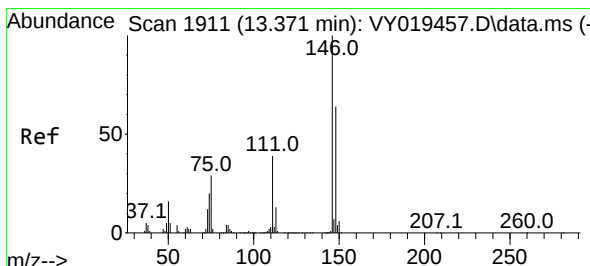
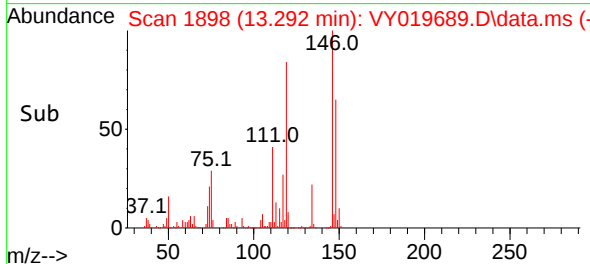
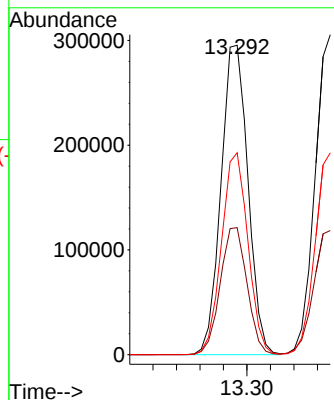
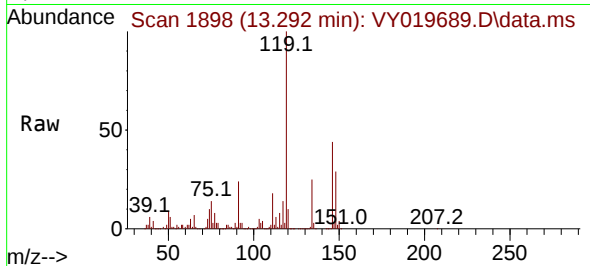




#87
 1,3-Dichlorobenzene
 Concen: 54.535 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY019689.D
 Acq: 25 Sep 2024 11:19

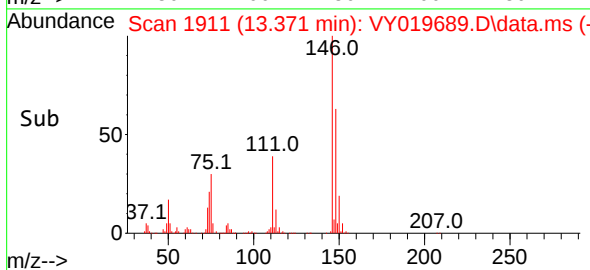
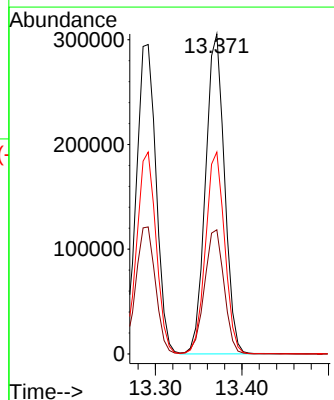
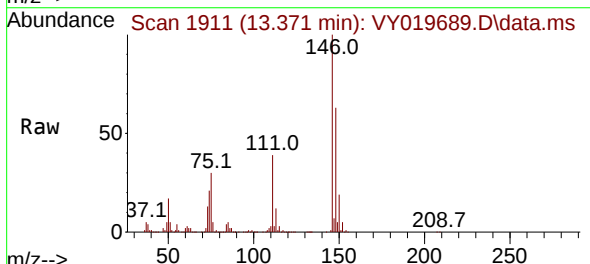
Instrument :
 MSVOA_Y
 ClientSampleId :

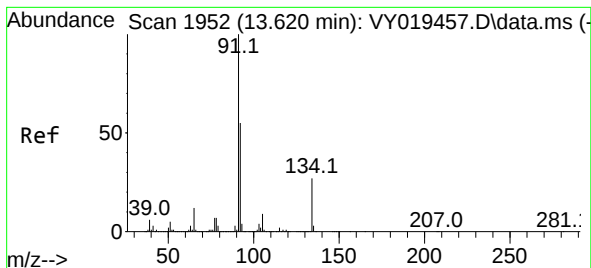
Tgt Ion:146 Resp: 471709
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.0 57.0
 148 63.9 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 54.088 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VY019689.D
 Acq: 25 Sep 2024 11:19

Tgt Ion:146 Resp: 464301
 Ion Ratio Lower Upper
 146 100
 111 40.1 18.4 55.4
 148 63.5 32.4 97.2





#89

n-Butylbenzene

Concen: 54.975 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

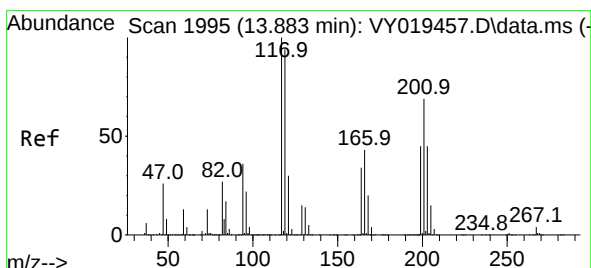
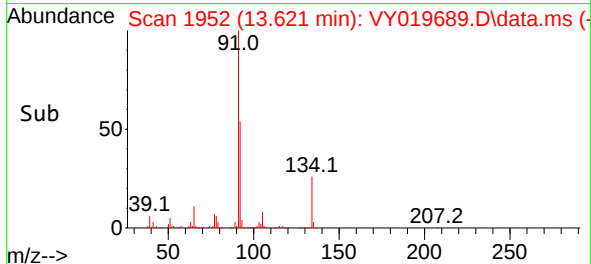
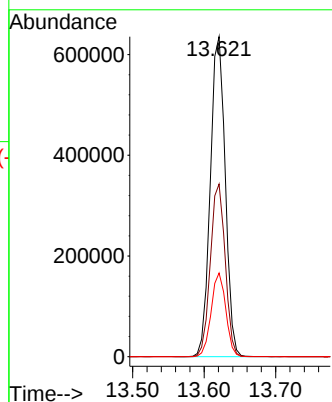
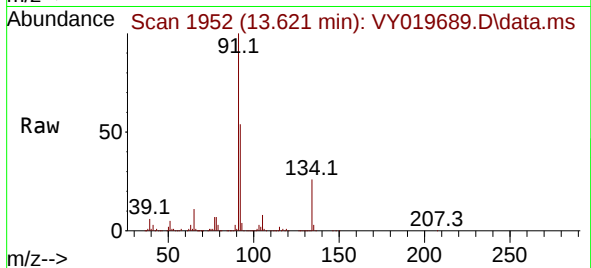
Tgt Ion: 91 Resp: 922714

Ion Ratio Lower Upper

91 100

92 53.6 26.6 79.7

134 25.6 12.9 38.7



#90

Hexachloroethane

Concen: 53.009 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY019689.D

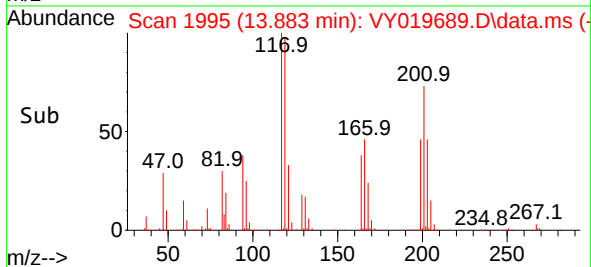
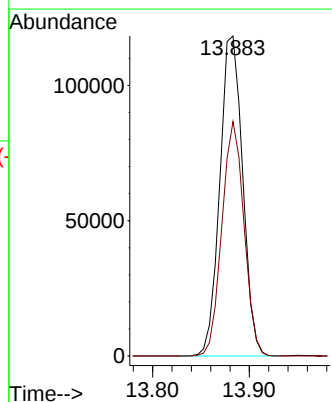
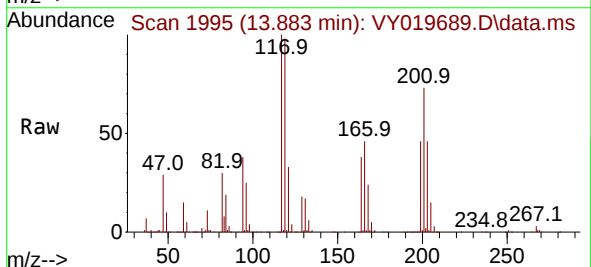
Acq: 25 Sep 2024 11:19

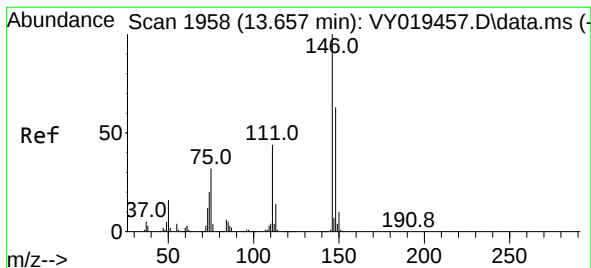
Tgt Ion: 117 Resp: 193646

Ion Ratio Lower Upper

117 100

201 70.9 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 54.050 ug/l

RT: 13.664 min Scan# 1959

Delta R.T. 0.007 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

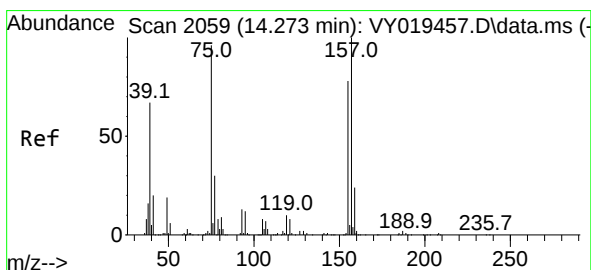
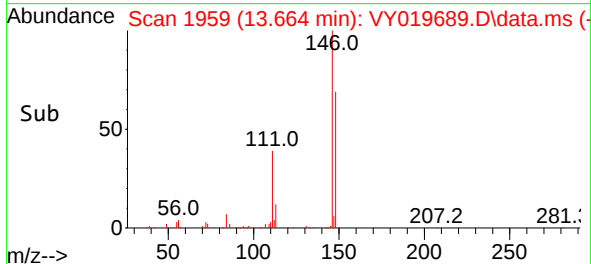
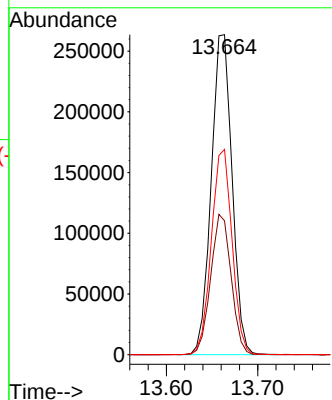
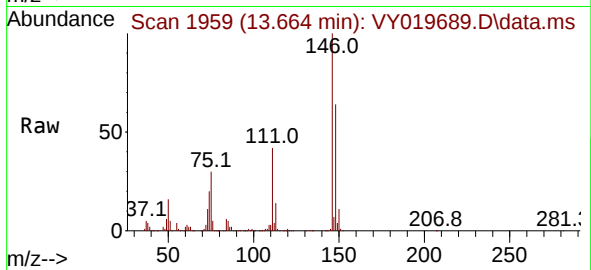
Tgt Ion:146 Resp: 417195

Ion Ratio Lower Upper

146 100

111 43.2 19.9 59.7

148 63.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.947 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

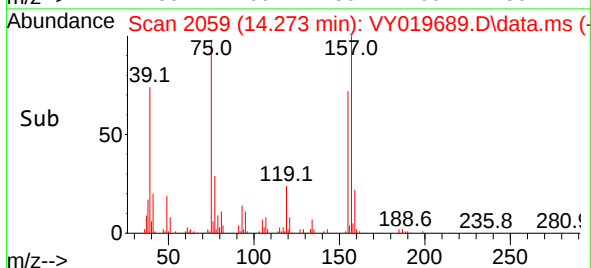
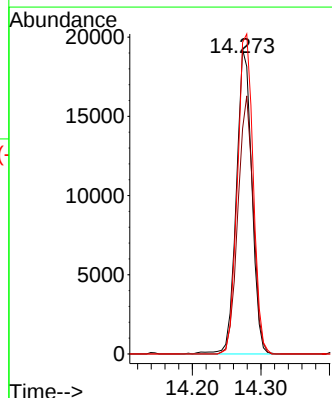
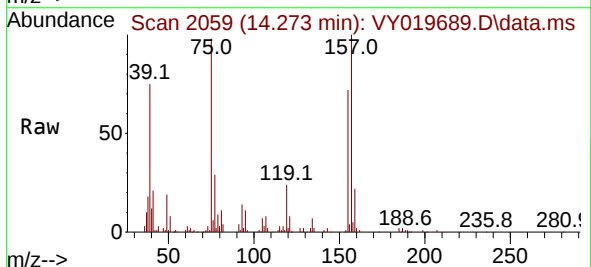
Tgt Ion: 75 Resp: 30249

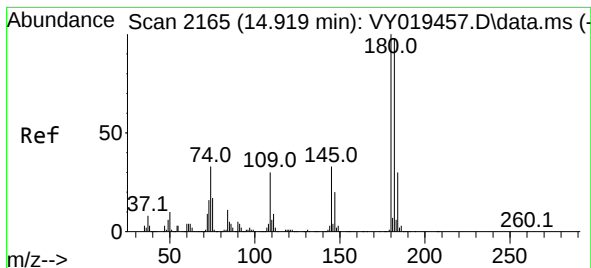
Ion Ratio Lower Upper

75 100

155 83.9 48.6 145.8

157 106.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 54.753 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

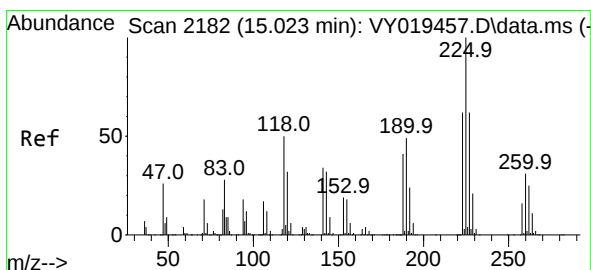
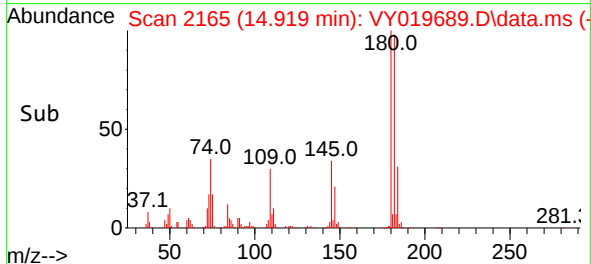
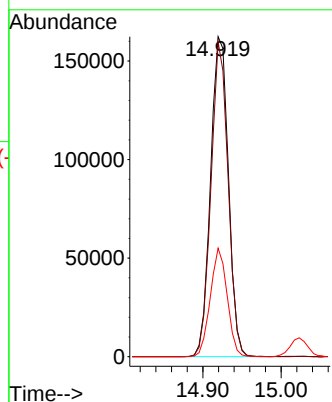
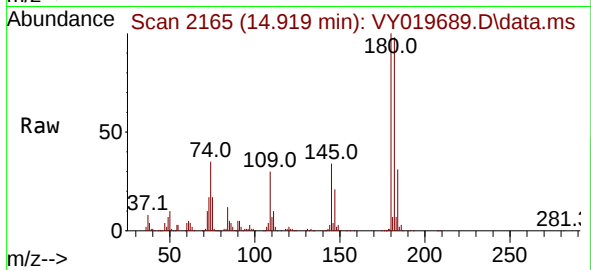
Tgt Ion:180 Resp: 257040

Ion Ratio Lower Upper

180 100

182 94.0 47.9 143.8

145 32.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 54.425 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

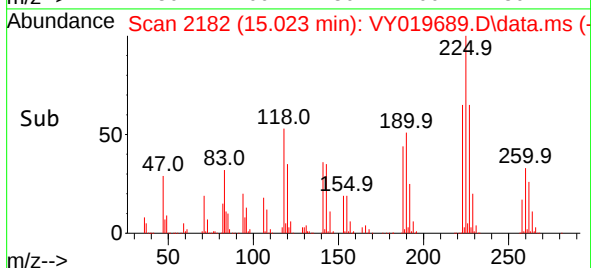
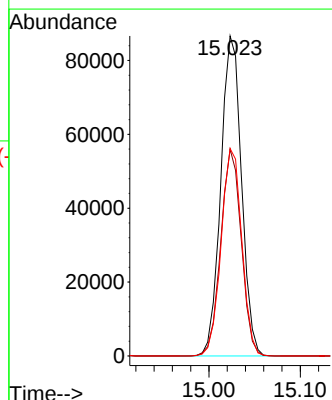
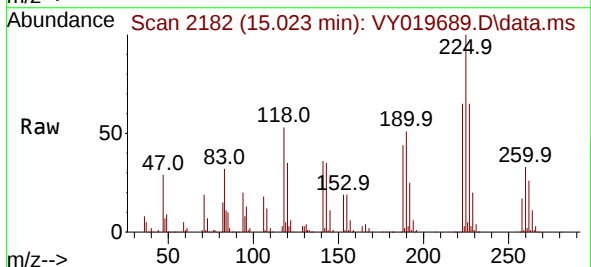
Tgt Ion:225 Resp: 136493

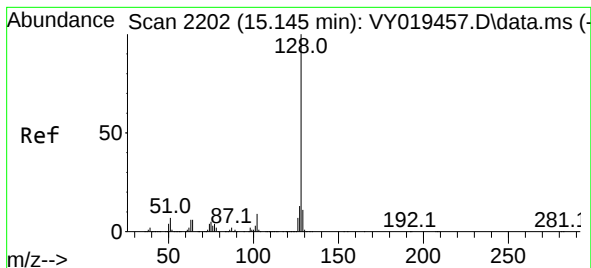
Ion Ratio Lower Upper

225 100

223 63.9 30.4 91.2

227 64.6 31.9 95.9





#95

Naphthalene

Concen: 56.373 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

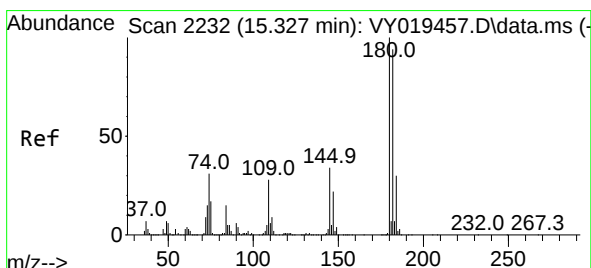
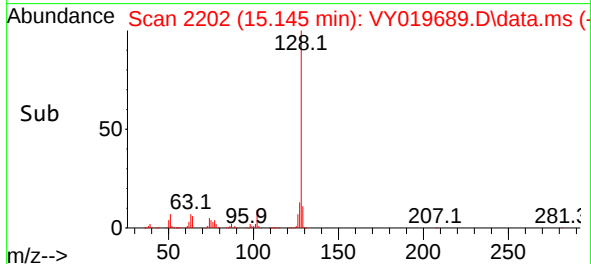
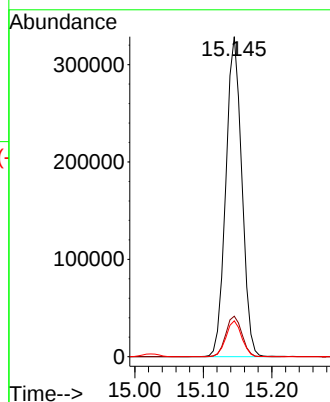
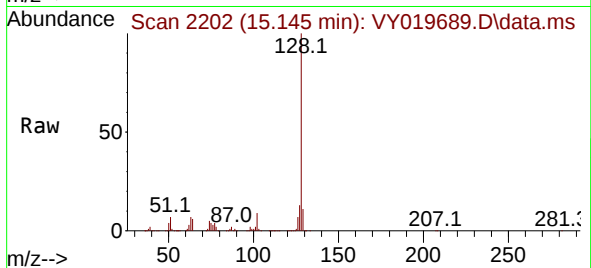
Tgt Ion:128 Resp: 529972

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 54.083 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019689.D

Acq: 25 Sep 2024 11:19

Tgt Ion:180 Resp: 217171

Ion Ratio Lower Upper

180 100

182 94.5 47.6 142.9

145 34.1 15.4 46.1

