

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\Not Reviewed Data\
 Data File : VY012198.D
 Acq On : 16 Jan 2023 14:11
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 17 04:42:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	180015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	280506	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	260191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128840	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	147153	102.770	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 205.540%#	
35) Dibromofluoromethane	7.716	113	135949	91.531	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 183.060%#	
50) Toluene-d8	10.179	98	500641	101.768	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 203.540%#	
62) 4-Bromofluorobenzene	12.483	95	188707	90.127	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 180.260%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	147624	93.839	ug/l	98
3) Chloromethane	2.113	50	140031	96.422	ug/l	99
4) Vinyl Chloride	2.253	62	167204	98.639	ug/l	99
5) Bromomethane	2.643	94	126864	96.801	ug/l	97
6) Chloroethane	2.790	64	111623	100.970	ug/l	99
7) Trichlorofluoromethane	3.125	101	334439	101.090	ug/l	100
8) Diethyl Ether	3.527	74	98594	100.152	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.899	101	164492	102.159	ug/l	95
10) Methyl Iodide	4.094	142	260950	106.643	ug/l	95
11) Tert butyl alcohol	4.948	59	84169	487.014	ug/l	99
12) 1,1-Dichloroethene	3.869	96	168695	102.034	ug/l	96
13) Acrolein	3.723	56	29827	481.985	ug/l	98
14) Allyl chloride	4.478	41	214121	104.741	ug/l #	85
15) Acrylonitrile	5.161	53	214918	499.805	ug/l	99
16) Acetone	3.942	43	267421	533.496	ug/l	99
17) Carbon Disulfide	4.192	76	519621	101.609	ug/l	100
18) Methyl Acetate	4.478	43	110784	98.768	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	476858	103.466	ug/l	94
20) Methylene Chloride	4.716	84	201264	104.542	ug/l	87
21) trans-1,2-Dichloroethene	5.222	96	186962	101.336	ug/l	91
22) Diisopropyl ether	6.118	45	419710	102.982	ug/l #	91
23) Vinyl Acetate	6.057	43	1318064	519.001	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	289955	102.571	ug/l	98
25) 2-Butanone	6.984	43	281214	508.170	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	314909	102.618	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	209464	103.359	ug/l	95
28) Bromochloromethane	7.338	49	57714	93.483	ug/l #	74
29) Tetrahydrofuran	7.344	42	153367	504.547	ug/l #	84
30) Chloroform	7.502	83	342901	102.758	ug/l	99
31) Cyclohexane	7.783	56	256653	97.786	ug/l	93
32) 1,1,1-Trichloroethane	7.703	97	342159	103.571	ug/l	98
36) 1,1-Dichloropropene	7.917	75	250642	99.293	ug/l	97
37) Ethyl Acetate	7.069	43	107256	96.384	ug/l #	95
38) Carbon Tetrachloride	7.899	117	327048	100.318	ug/l	97
39) Methylcyclohexane	9.185	83	316505	102.602	ug/l	94
40) Benzene	8.161	78	723211	99.266	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	151515	231.640	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	232352	100.176	ug/l	99
43) Isopropyl Acetate	8.270	43	208105	100.517	ug/l #	94
44) Trichloroethene	8.941	130	216924	99.615	ug/l	96
45) 1,2-Dichloropropane	9.215	63	155318	102.167	ug/l	99
46) Dibromomethane	9.307	93	101311	99.546	ug/l	96
47) Bromodichloromethane	9.496	83	262819	102.589	ug/l	100
48) Methyl methacrylate	9.289	41	96997	101.682	ug/l	90
49) 1,4-Dioxane	9.295	88	27239	1964.186	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	548265	496.632	ug/l	95
52) Toluene	10.246	92	491959	101.415	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	273523	102.072	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	294668	102.106	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	141810	98.073	ug/l	96
56) Ethyl methacrylate	10.508	69	195851	103.243	ug/l	95
57) 1,3-Dichloropropane	10.788	76	237386	100.525	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	300641	478.962	ug/l	90
59) 2-Hexanone	10.831	43	428264	509.532	ug/l	96
60) Dibromochloromethane	10.983	129	193231	100.755	ug/l	100
61) 1,2-Dibromoethane	11.087	107	140109	100.417	ug/l	100
64) Tetrachloroethene	10.721	164	232458	97.910	ug/l	96
65) Chlorobenzene	11.520	112	527034	98.998	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	201129	100.093	ug/l	97
67) Ethyl Benzene	11.593	91	956614	100.544	ug/l	99
68) m/p-Xylenes	11.703	106	755232	200.761	ug/l	99
69) o-Xylene	12.032	106	360023	100.198	ug/l	100
70) Styrene	12.044	104	607373	101.169	ug/l	99
71) Bromoform	12.209	173	125922	98.084	ug/l #	99
73) Isopropylbenzene	12.331	105	957293	103.040	ug/l	99
74) N-amyl acetate	12.142	43	188961	103.757	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	144479	98.731	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	219744	185.480	ug/l #	100
77) Bromobenzene	12.611	156	223708	100.068	ug/l	93
78) n-propylbenzene	12.672	91	1111374	102.227	ug/l	98
79) 2-Chlorotoluene	12.757	91	626555	101.932	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	820490	101.591	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	58824	102.305	ug/l	98
82) 4-Chlorotoluene	12.855	91	654235	101.326	ug/l	97
83) tert-Butylbenzene	13.074	119	727156	103.302	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	817581	102.649	ug/l	98
85) sec-Butylbenzene	13.257	105	1018287	101.605	ug/l	98
86) p-Isopropyltoluene	13.373	119	890750	101.727	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	444490	99.969	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	439397	99.093	ug/l	99
89) n-Butylbenzene	13.696	91	771352	101.651	ug/l	98
90) Hexachloroethane	13.965	117	156350	98.909	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	389265	98.118	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	29625	97.960	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	251814	99.059	ug/l	99
94) Hexachlorobutadiene	15.111	225	147339	96.267	ug/l	99
95) Naphthalene	15.239	128	509187	101.483	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	215596	98.558	ug/l	100

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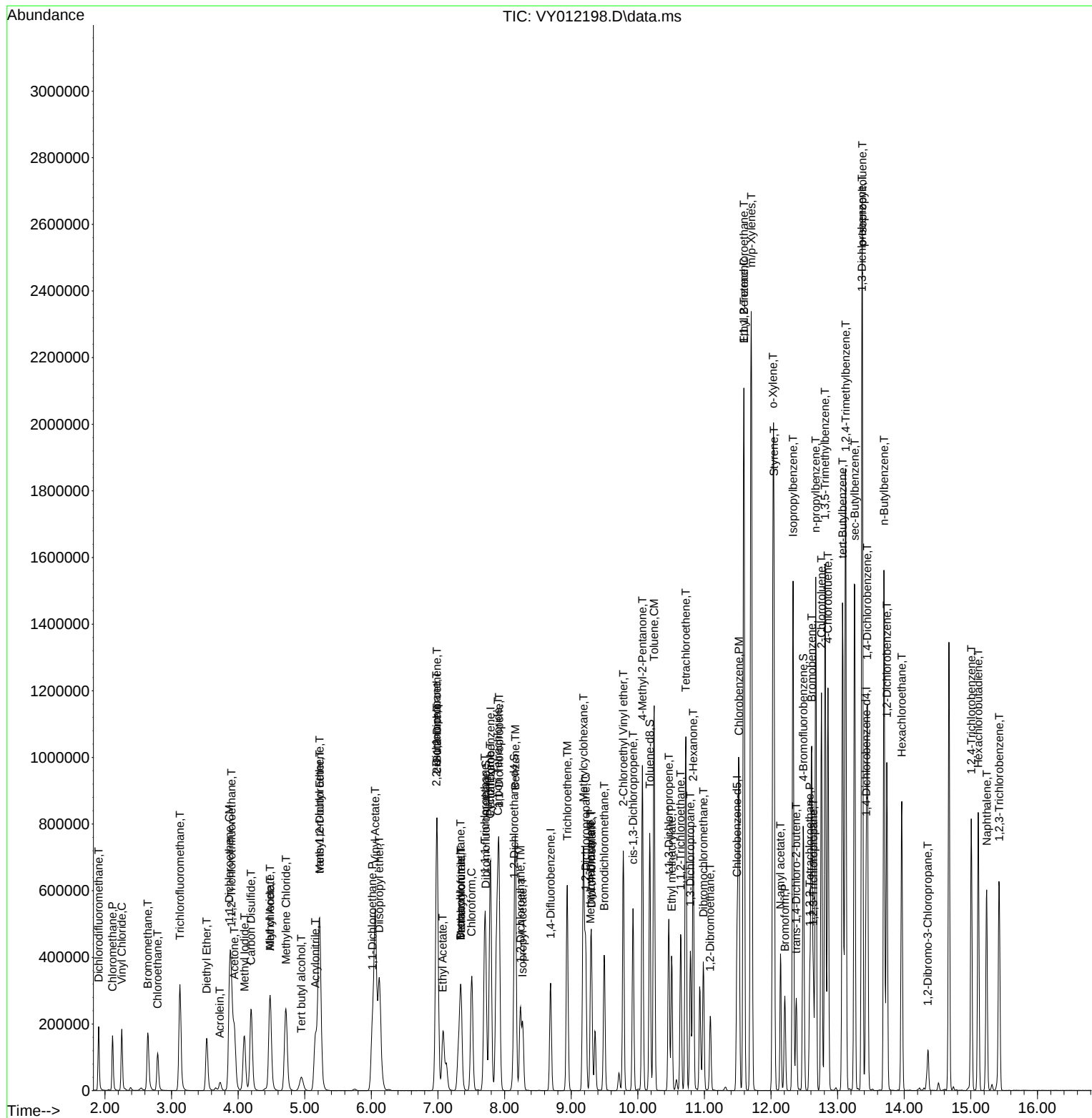
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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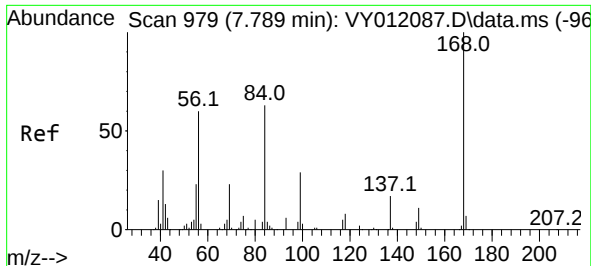
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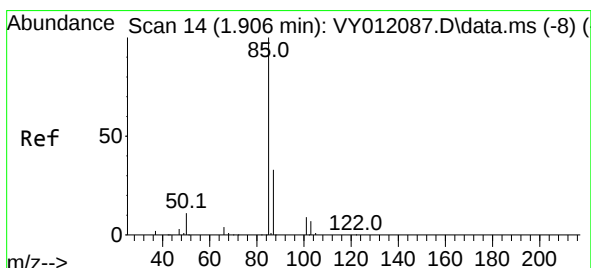
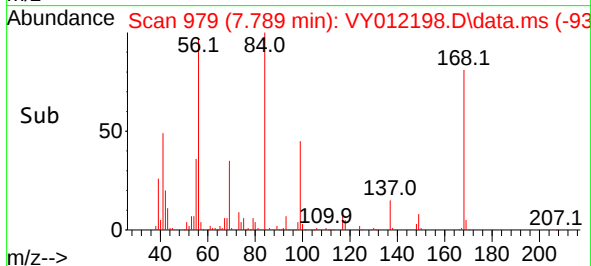
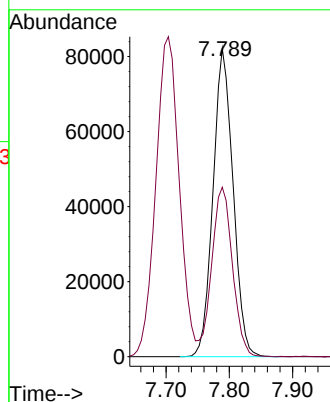
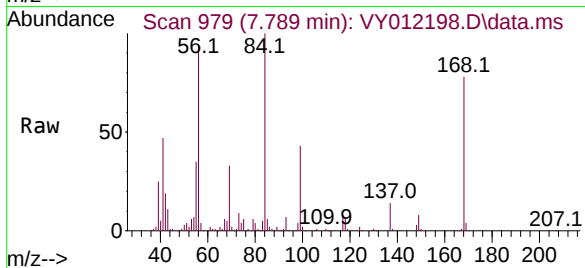




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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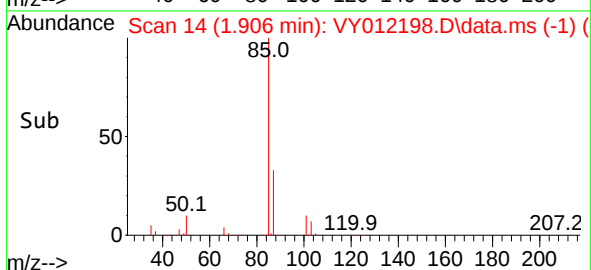
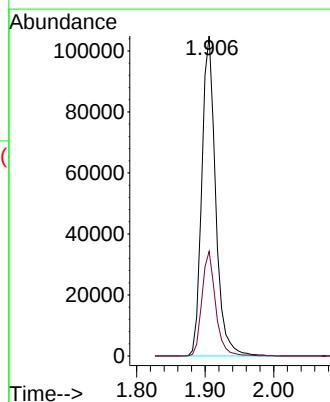
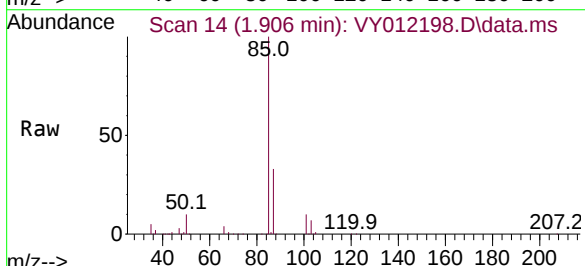
Instrument :
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ClientSampleId :
VSTDIC100

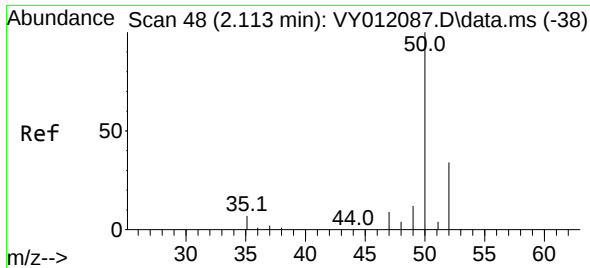
Tgt Ion:168 Resp: 180015
Ion Ratio Lower Upper
168 100
99 54.9 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 93.839 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

Tgt Ion: 85 Resp: 147624
Ion Ratio Lower Upper
85 100
87 32.7 16.8 50.4

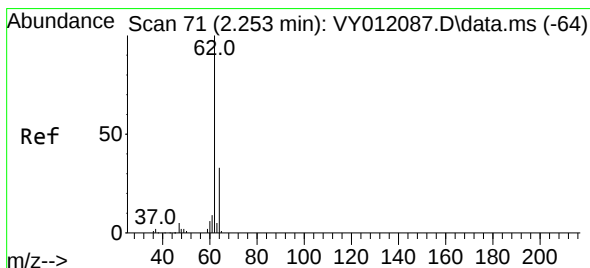
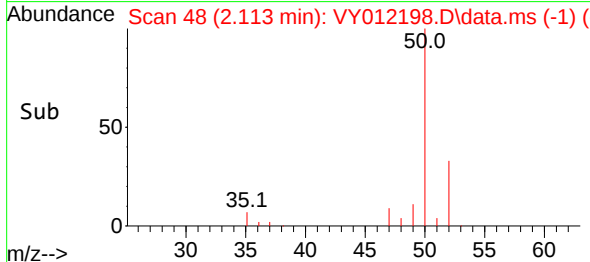
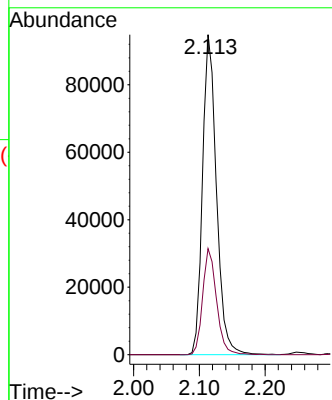
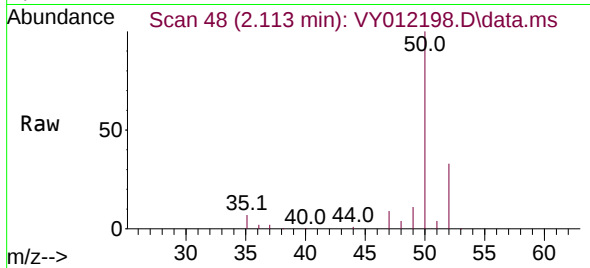




#3
Chloromethane
Concen: 96.422 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012198.D
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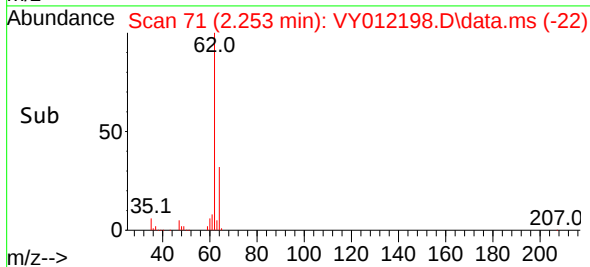
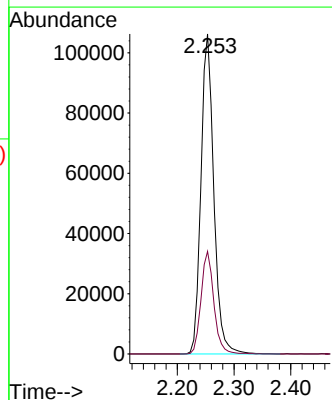
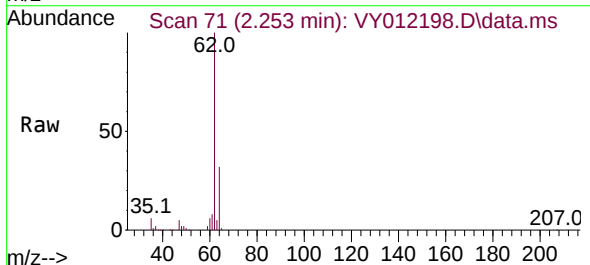
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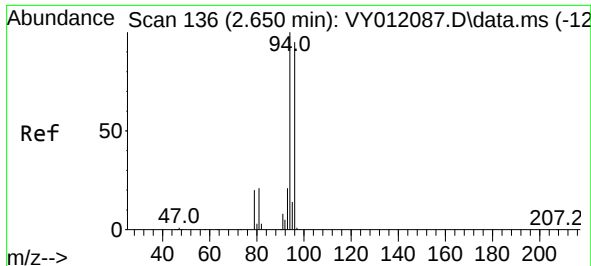
Tgt Ion: 50 Resp: 140031
Ion Ratio Lower Upper
50 100
52 33.2 26.8 40.2



#4
Vinyl Chloride
Concen: 98.639 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

Tgt Ion: 62 Resp: 167204
Ion Ratio Lower Upper
62 100
64 32.0 25.0 37.6

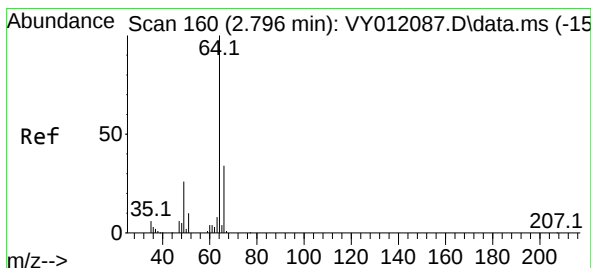
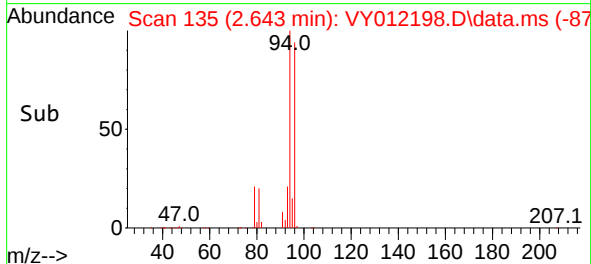
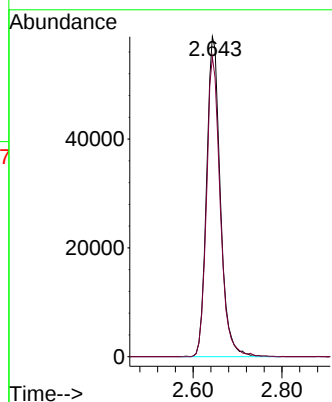
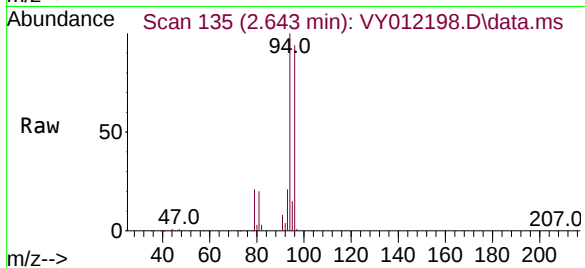




#5
Bromomethane
Concen: 96.801 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY012198.D
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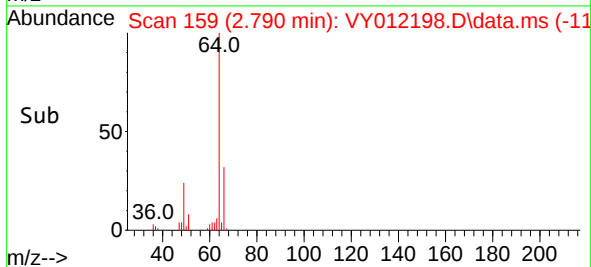
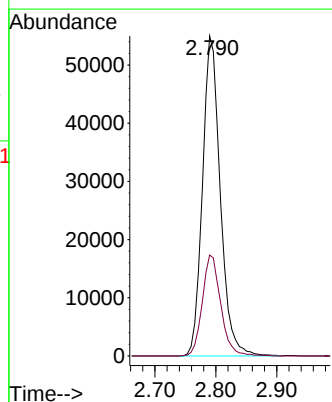
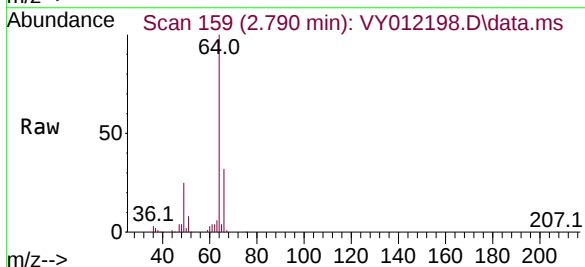
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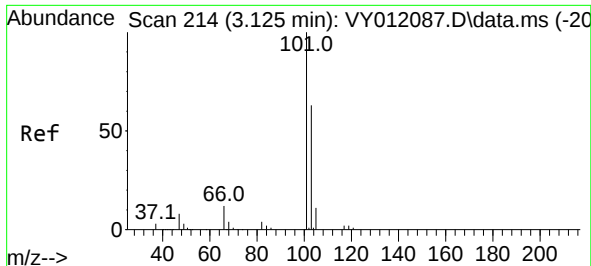
Tgt Ion: 94 Resp: 126864
Ion Ratio Lower Upper
94 100
96 93.7 77.4 116.2



#6
Chloroethane
Concen: 100.970 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012198.D
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Tgt Ion: 64 Resp: 111623
Ion Ratio Lower Upper
64 100
66 31.6 25.0 37.4

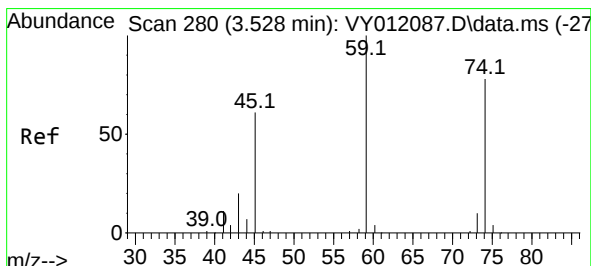
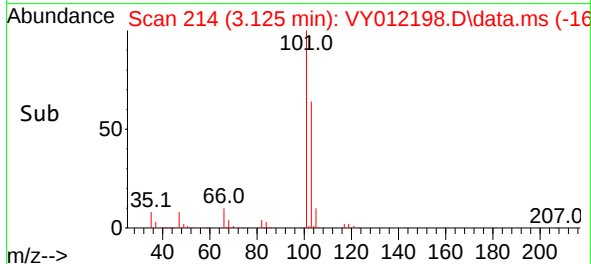
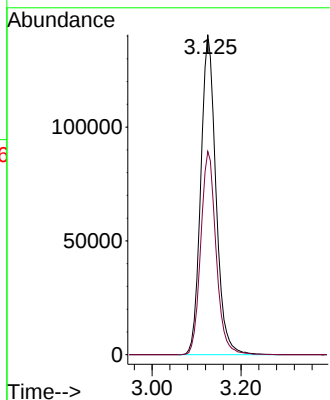
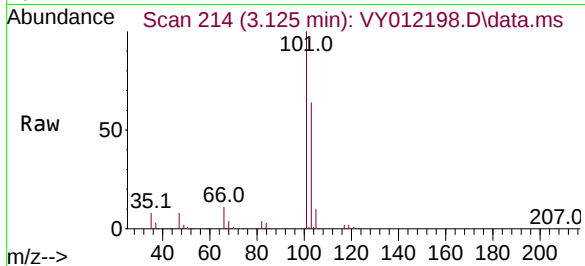




#7
 Trichlorofluoromethane
 Concen: 101.090 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY012198.D
 Acq: 16 Jan 2023 14:11

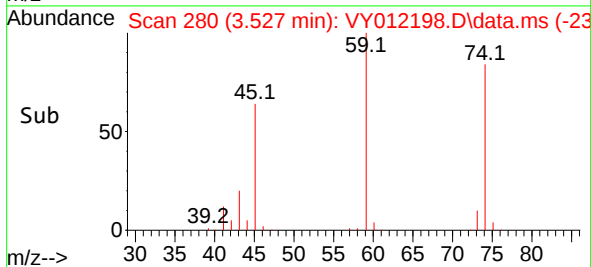
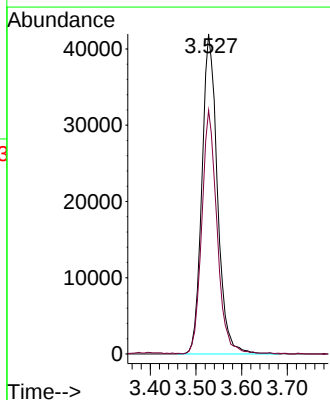
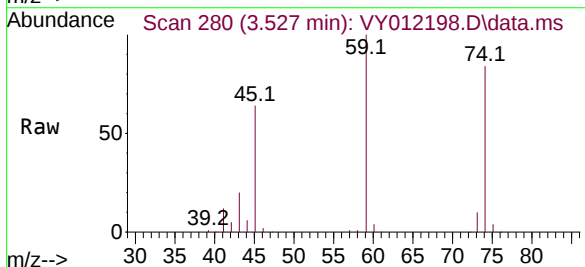
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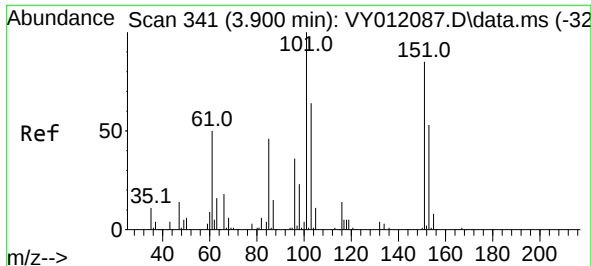
Tgt Ion:101 Resp: 334439
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.0 76.6



#8
 Diethyl Ether
 Concen: 100.152 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.001 min
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Tgt Ion: 74 Resp: 98594
 Ion Ratio Lower Upper
 74 100
 45 75.2 46.8 140.3

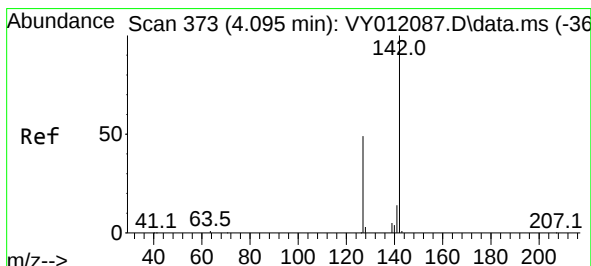
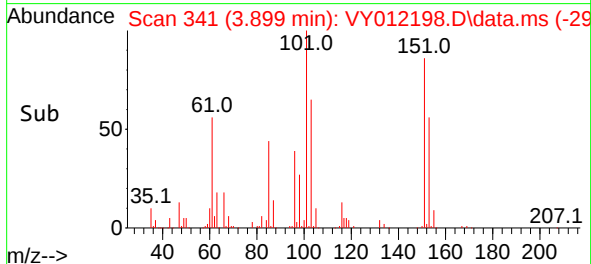
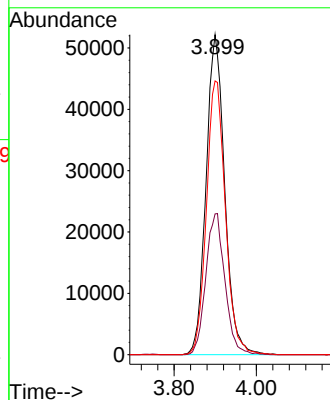
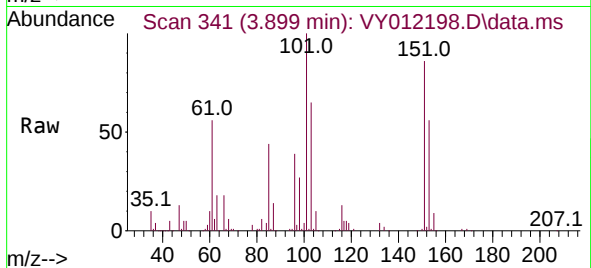




#9
1,1,2-Trichlorotrifluoroethane
Concen: 102.159 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.001 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

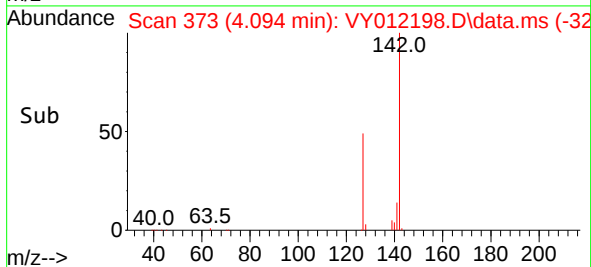
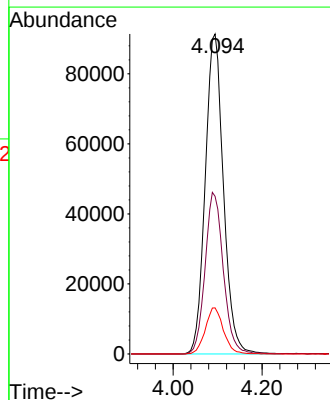
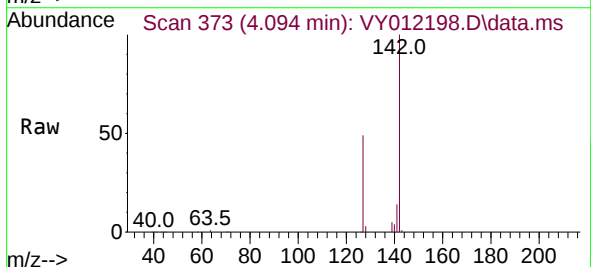
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

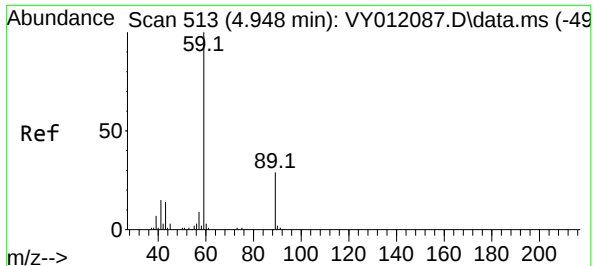
Tgt Ion:101 Resp: 164492
Ion Ratio Lower Upper
101 100
85 45.2 36.2 54.2
151 87.1 64.2 96.2



#10
Methyl Iodide
Concen: 106.643 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.001 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

Tgt Ion:142 Resp: 260950
Ion Ratio Lower Upper
142 100
127 50.5 37.0 55.4
141 14.3 11.4 17.0

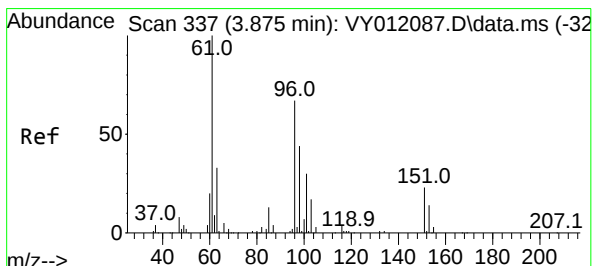
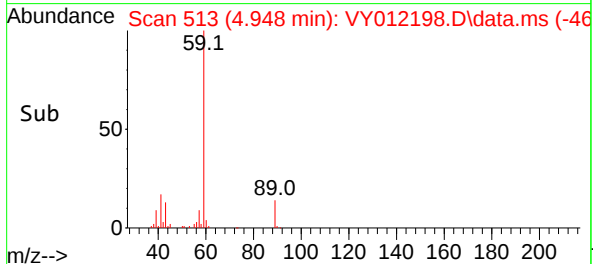
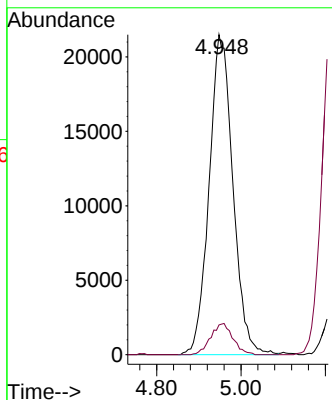
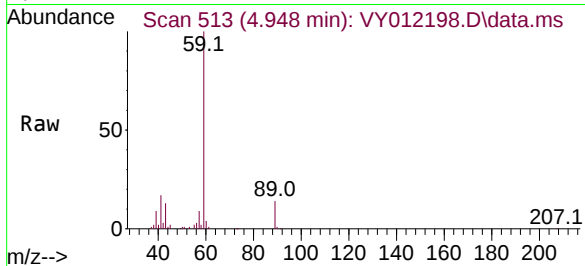




#11
Tert butyl alcohol
Concen: 487.014 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

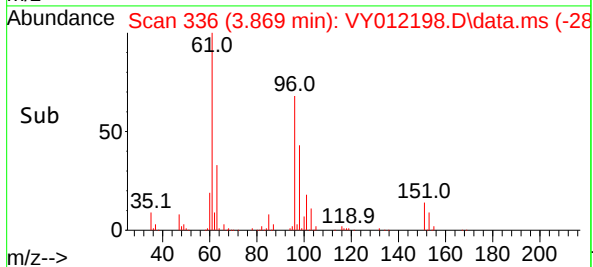
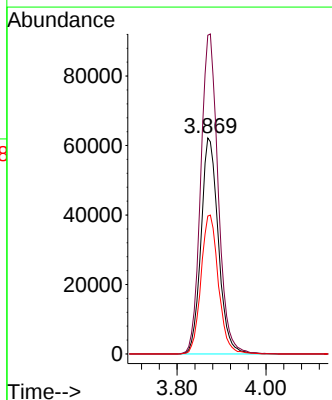
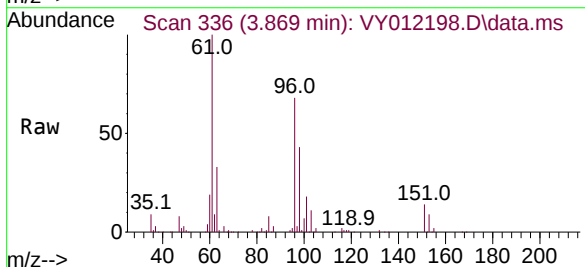
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 84169
Ion Ratio Lower Upper
59 100
57 9.1 7.4 11.2



#12
1,1-Dichloroethene
Concen: 102.034 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

Tgt Ion: 96 Resp: 168695
Ion Ratio Lower Upper
96 100
61 147.5 122.0 183.0
98 63.9 48.6 73.0

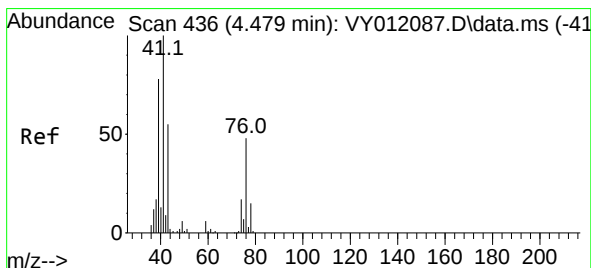
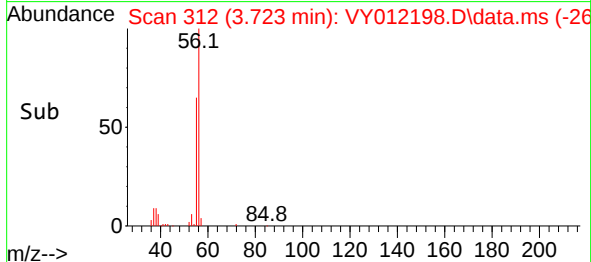
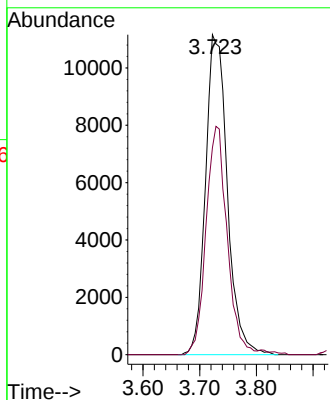
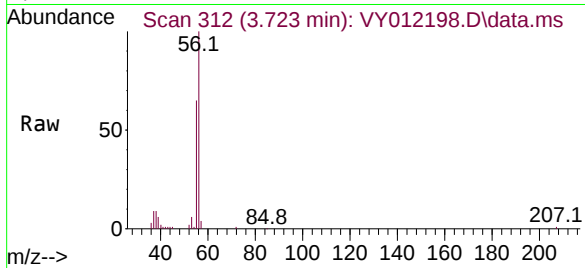




#13
Acrolein
Concen: 481.985 ug/l
RT: 3.723 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

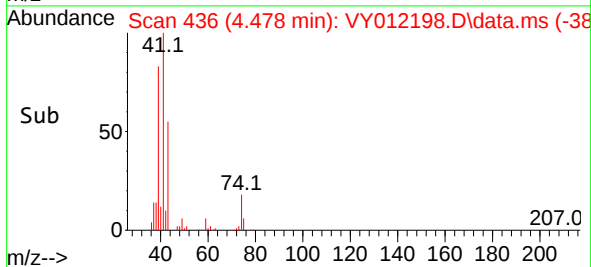
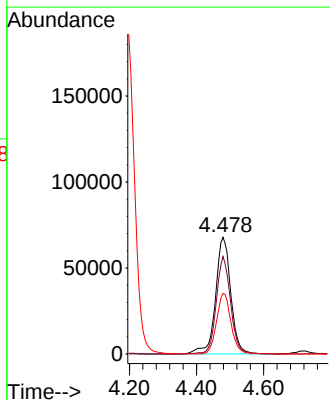
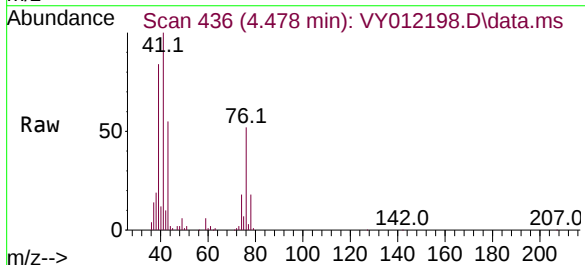
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

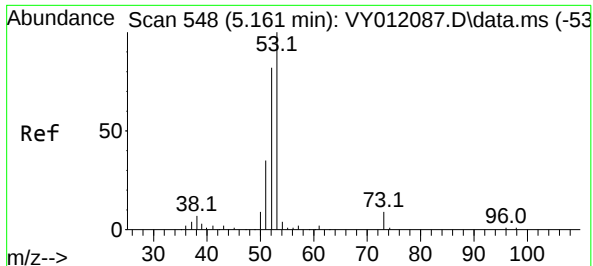
Tgt Ion: 56 Resp: 29827
Ion Ratio Lower Upper
56 100
55 68.8 56.6 85.0



#14
Allyl chloride
Concen: 104.741 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.001 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

Tgt Ion: 41 Resp: 214121
Ion Ratio Lower Upper
41 100
39 77.9 53.5 80.3
76 49.0 31.1 46.7#

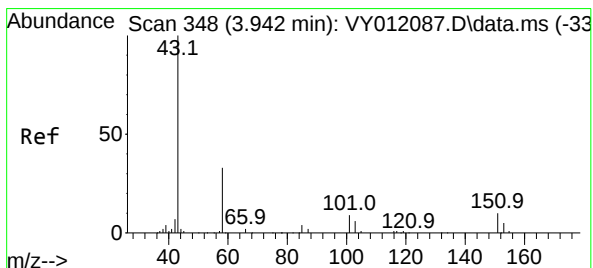
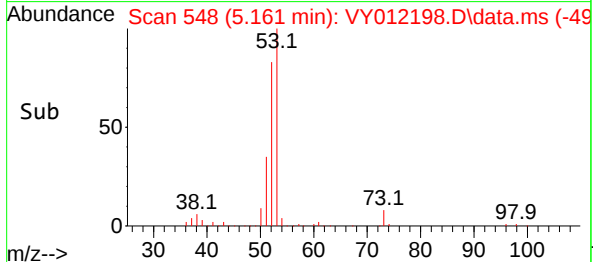
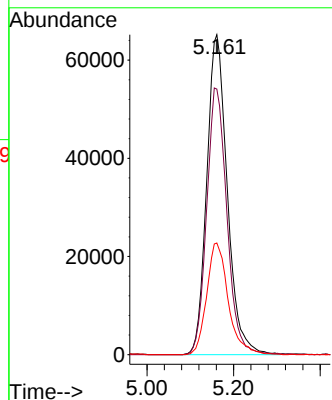
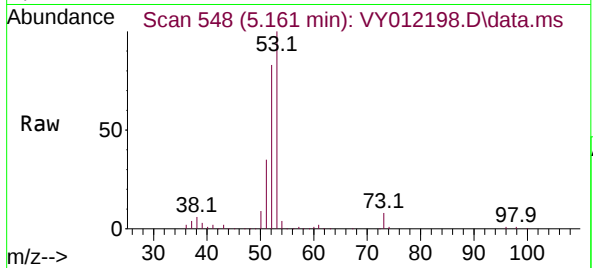




#15
Acrylonitrile
Concen: 499.805 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

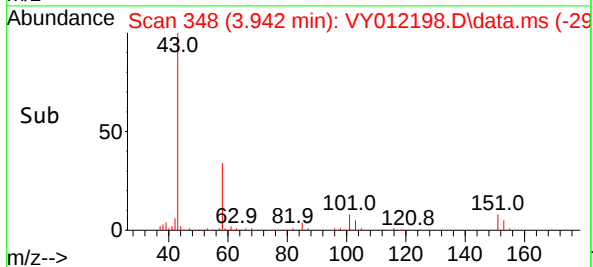
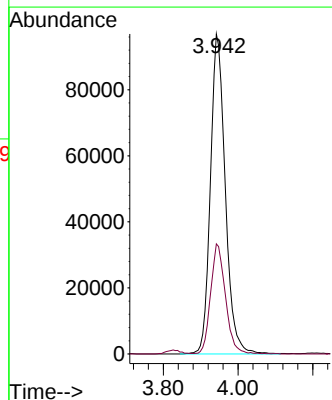
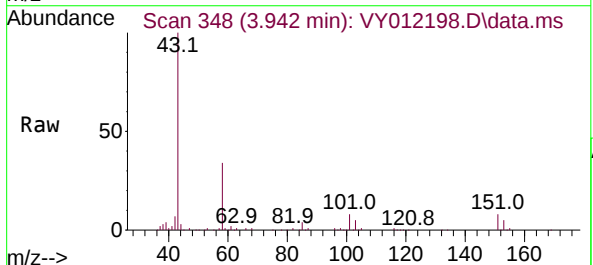
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

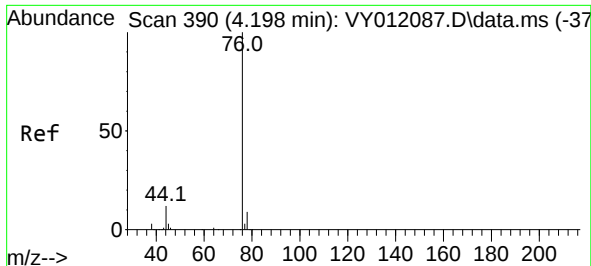
Tgt Ion: 53 Resp: 214918
Ion Ratio Lower Upper
53 100
52 82.2 65.1 97.7
51 36.7 28.7 43.1



#16
Acetone
Concen: 533.496 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

Tgt Ion: 43 Resp: 267421
Ion Ratio Lower Upper
43 100
58 34.4 27.9 41.9

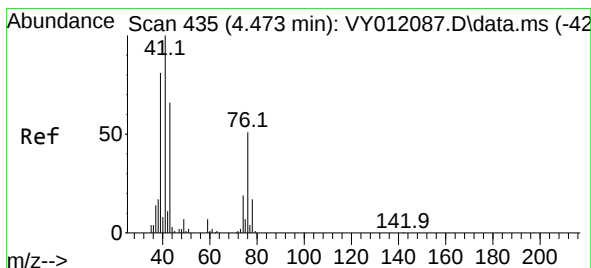
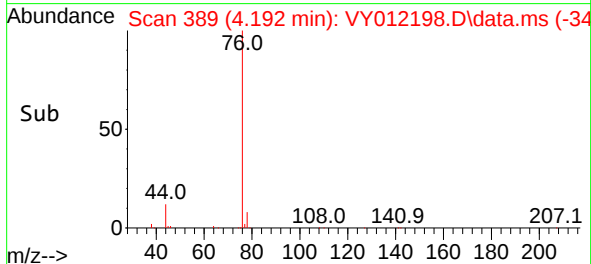
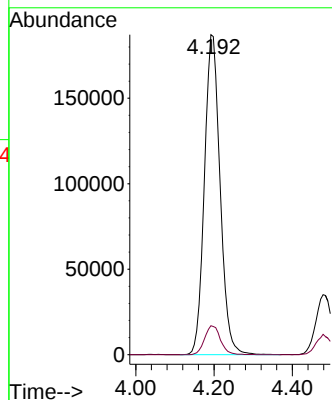
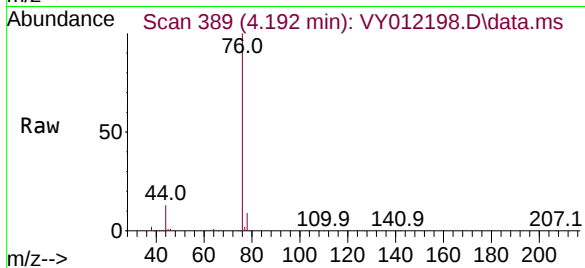




#17
Carbon Disulfide
Concen: 101.609 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

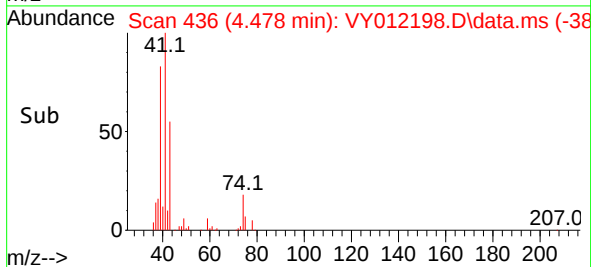
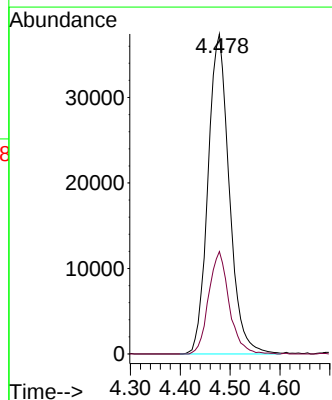
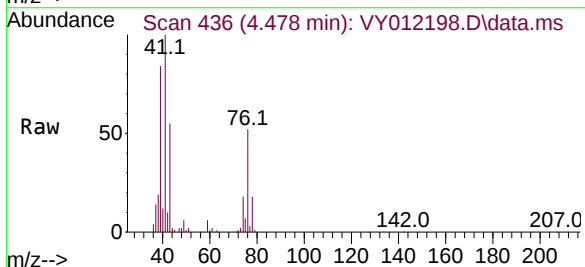
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

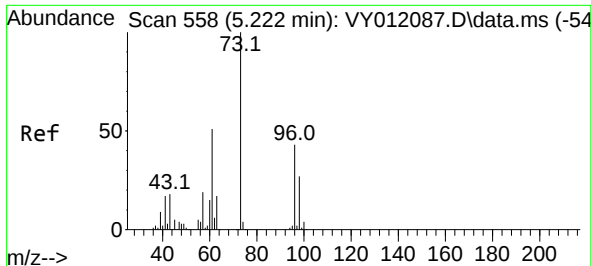
Tgt Ion: 76 Resp: 519621
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 98.768 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

Tgt Ion: 43 Resp: 110784
Ion Ratio Lower Upper
43 100
74 30.9 20.1 30.1#

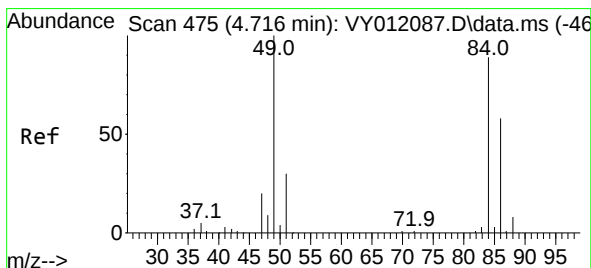
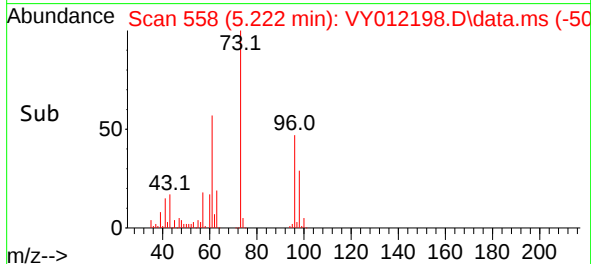
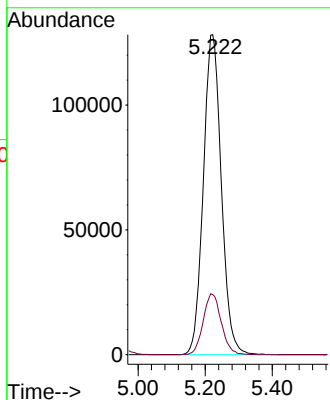
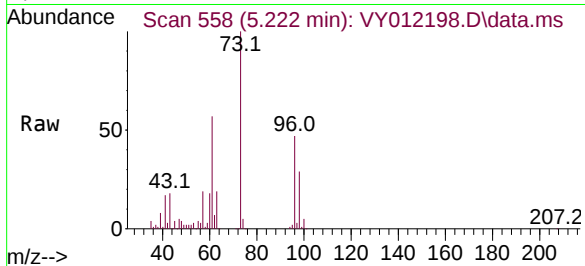




#19
Methyl tert-butyl Ether
Concen: 103.466 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

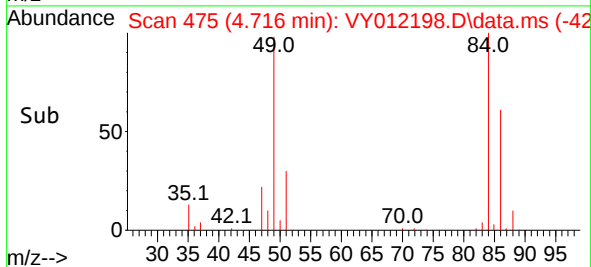
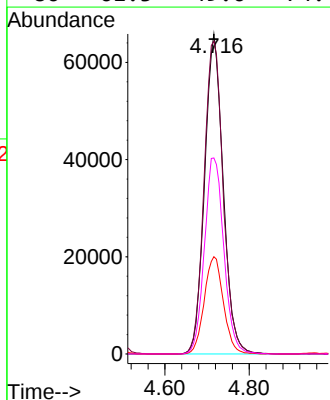
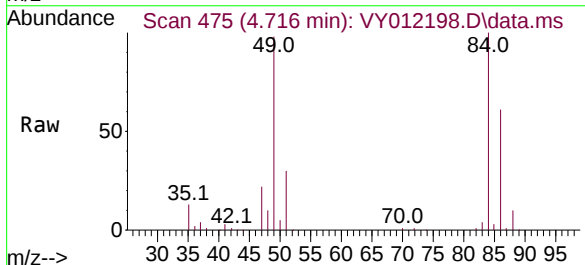
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

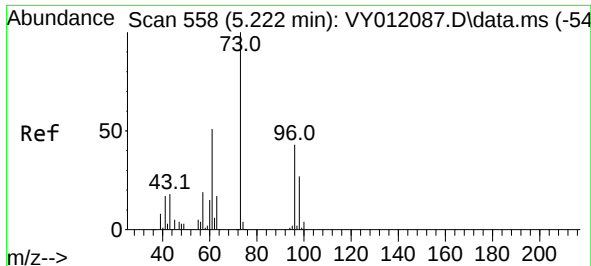
Tgt Ion: 73 Resp: 476858
Ion Ratio Lower Upper
73 100
57 18.8 17.4 26.0



#20
Methylene Chloride
Concen: 104.542 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

Tgt Ion: 84 Resp: 201264
Ion Ratio Lower Upper
84 100
49 97.8 95.4 143.2
51 30.4 29.9 44.9
86 61.3 49.6 74.4

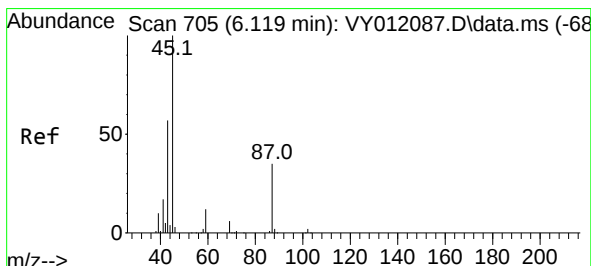
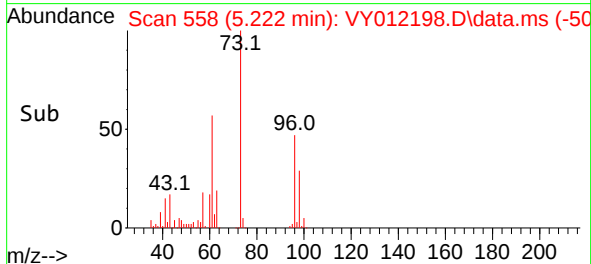
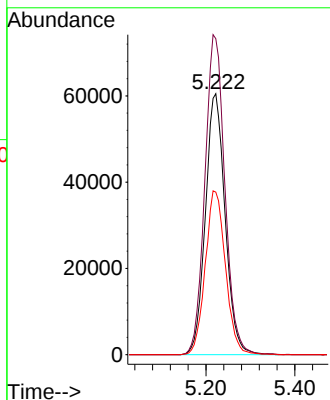
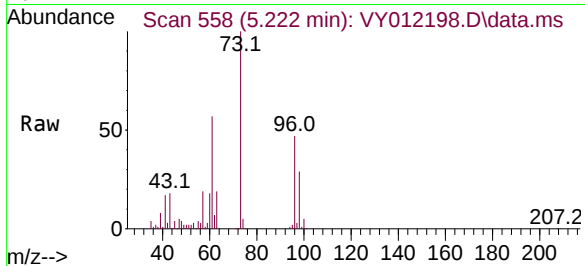




#21
trans-1,2-Dichloroethene
Concen: 101.336 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

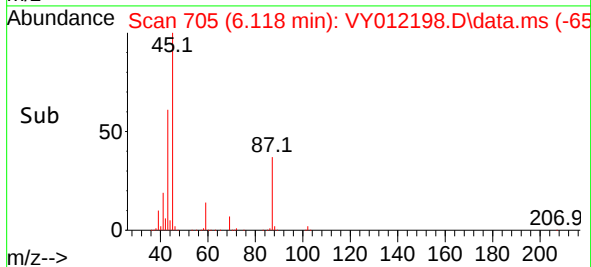
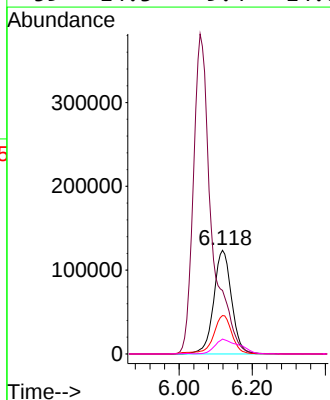
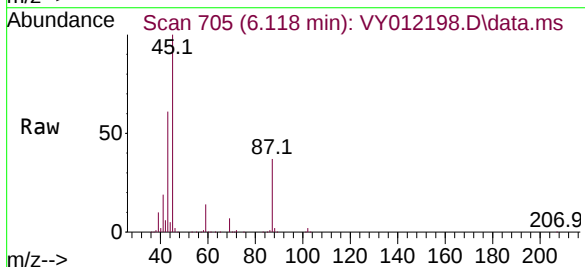
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

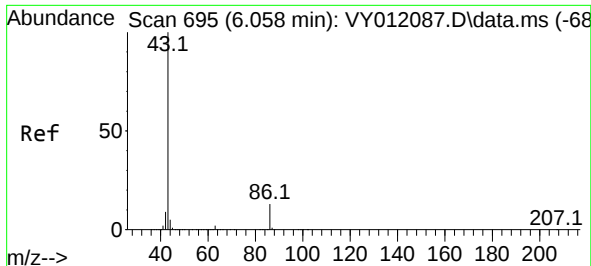
Tgt Ion: 96 Resp: 186962
Ion Ratio Lower Upper
96 100
61 121.1 108.0 162.0
98 62.3 51.6 77.4



#22
Diisopropyl ether
Concen: 102.982 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

Tgt Ion: 45 Resp: 419710
Ion Ratio Lower Upper
45 100
43 60.8 45.0 67.4
87 37.1 22.6 33.8#
59 14.3 9.4 14.0#

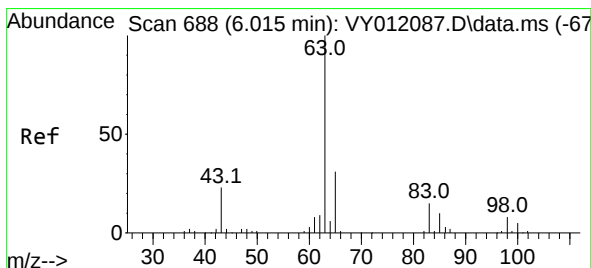
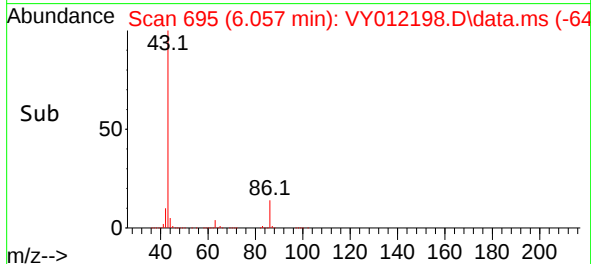
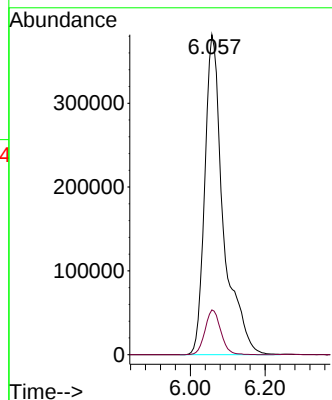
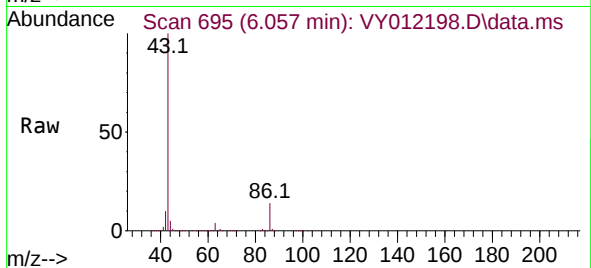




#23
Vinyl Acetate
Concen: 519.001 ug/l
RT: 6.057 min Scan# 695
Delta R.T. -0.001 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

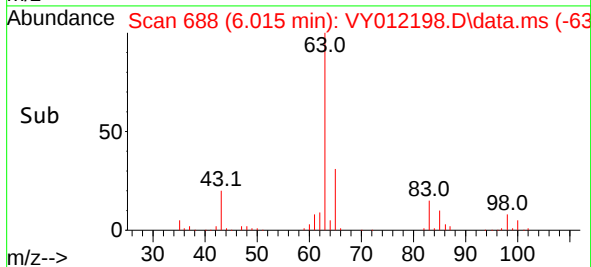
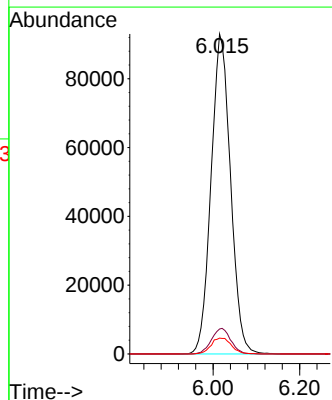
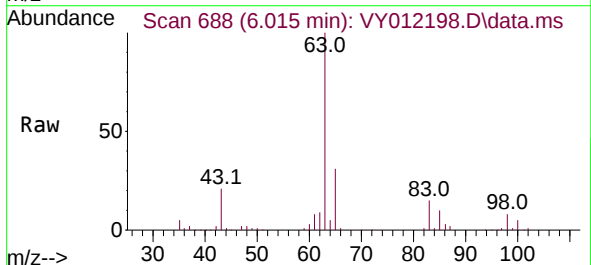
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

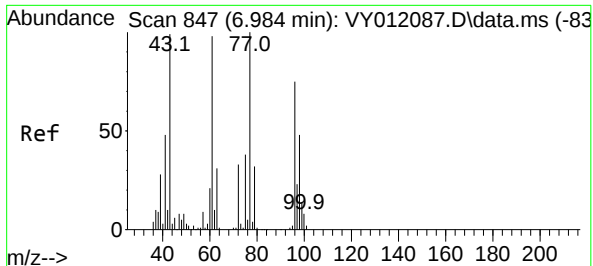
Tgt Ion: 43 Resp: 1318064
Ion Ratio Lower Upper
43 100
86 14.0 9.0 13.4#



#24
1,1-Dichloroethane
Concen: 102.571 ug/l
RT: 6.015 min Scan# 688
Delta R.T. -0.000 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

Tgt Ion: 63 Resp: 289955
Ion Ratio Lower Upper
63 100
98 7.8 3.5 10.5
100 5.0 2.2 6.6





#25

2-Butanone

Concen: 508.170 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012198.D

Acq: 16 Jan 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

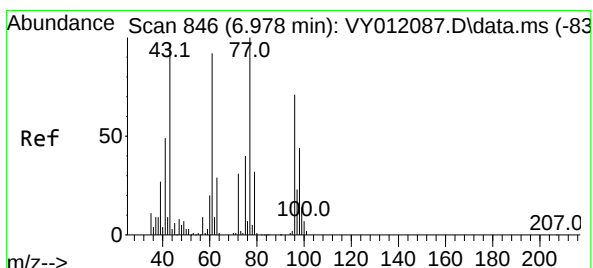
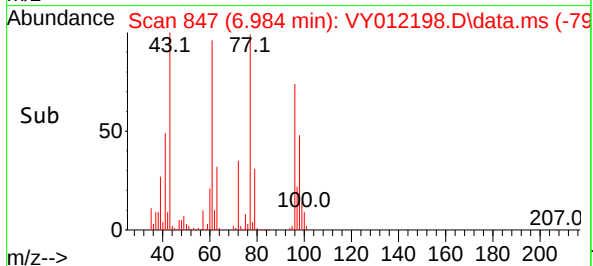
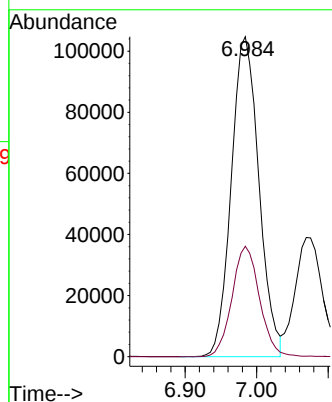
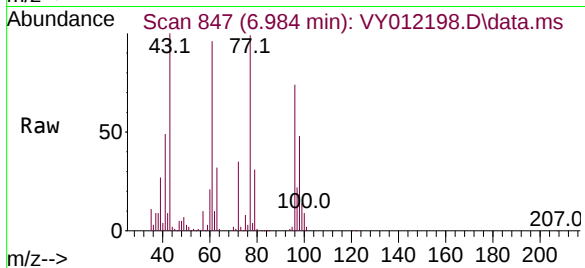
VSTDICC100

Tgt Ion: 43 Resp: 281214

Ion Ratio Lower Upper

43 100

72 34.5 22.6 34.0#



#26

2,2-Dichloropropane

Concen: 102.618 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY012198.D

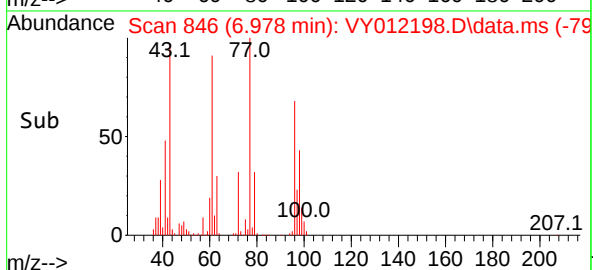
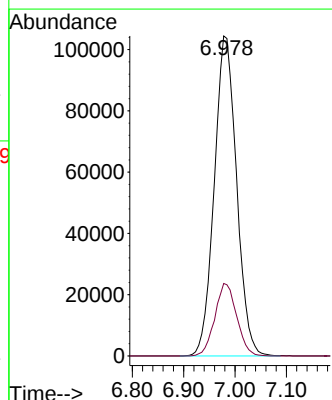
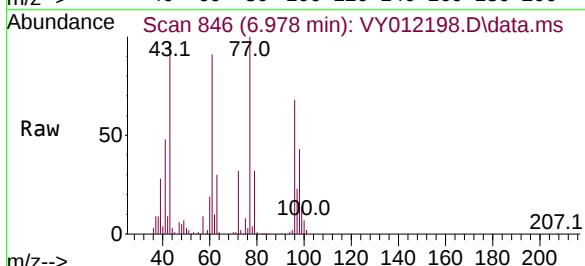
Acq: 16 Jan 2023 14:11

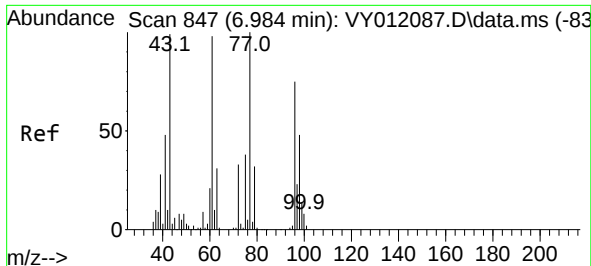
Tgt Ion: 77 Resp: 314909

Ion Ratio Lower Upper

77 100

97 22.2 11.4 34.1



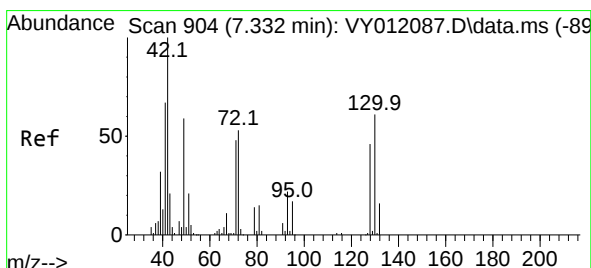
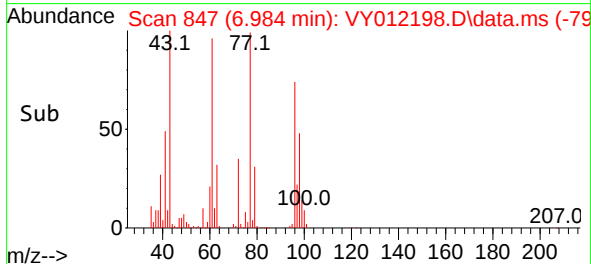
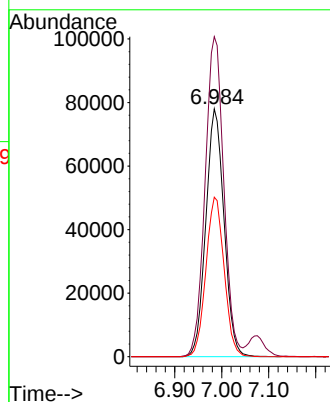
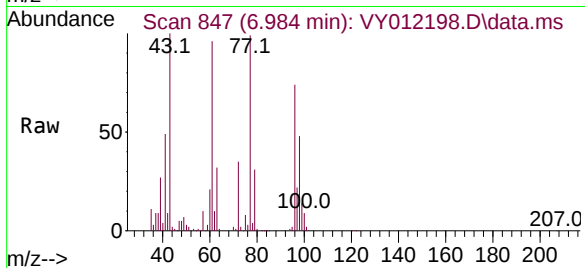


#27
 cis-1,2-Dichloroethene
 Concen: 103.359 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY012198.D
 Acq: 16 Jan 2023 14:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tgt Ion: 96 Resp: 209464

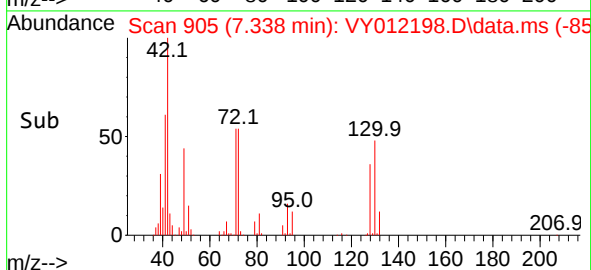
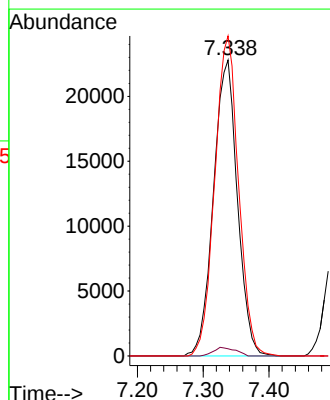
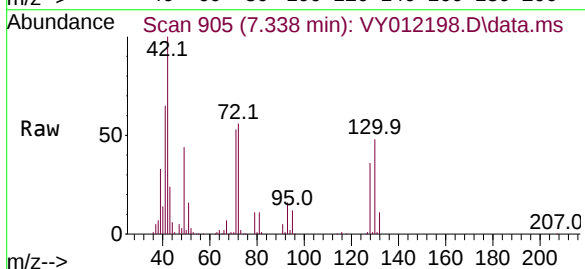
Ion	Ratio	Lower	Upper
96	100		
61	132.7	0.0	283.4
98	64.5	0.0	127.6

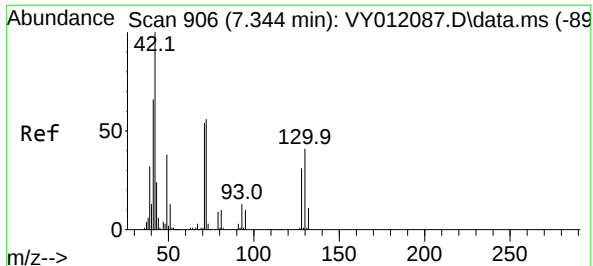


#28
 Bromochloromethane
 Concen: 93.483 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY012198.D
 Acq: 16 Jan 2023 14:11

Tgt Ion: 49 Resp: 57714

Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.6
130	107.6	66.7	100.1#





#29

Tetrahydrofuran

Concen: 504.547 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012198.D

Acq: 16 Jan 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

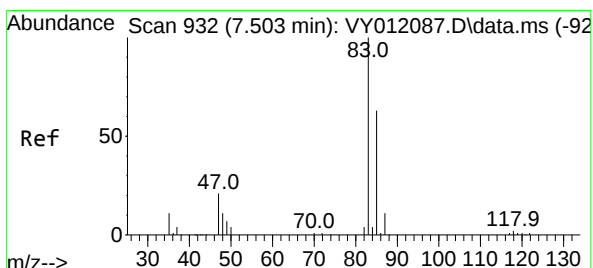
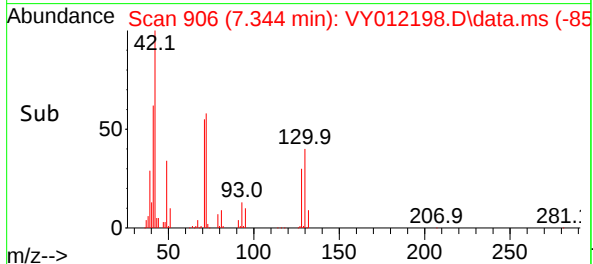
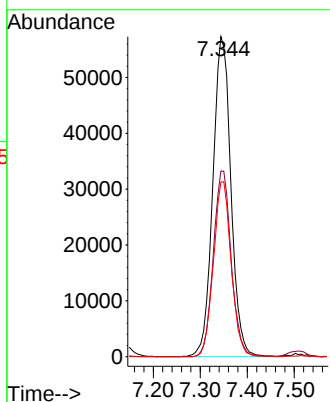
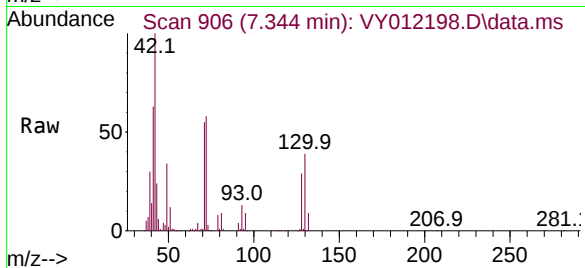
Tgt Ion: 42 Resp: 153367

Ion Ratio Lower Upper

42 100

72 57.3 37.0 55.6#

71 53.6 34.9 52.3#



#30

Chloroform

Concen: 102.758 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.001 min

Lab File: VY012198.D

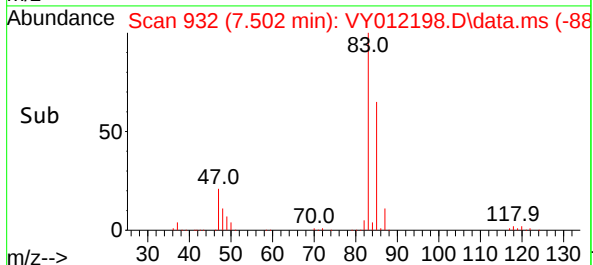
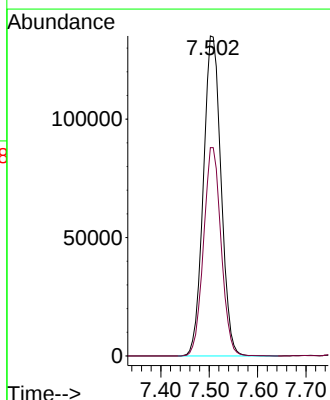
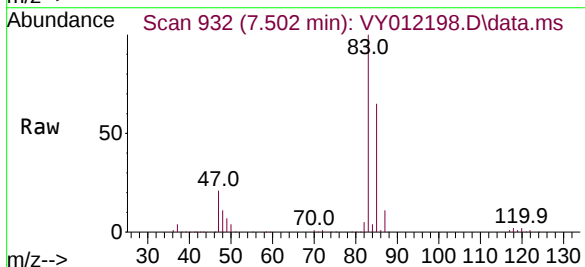
Acq: 16 Jan 2023 14:11

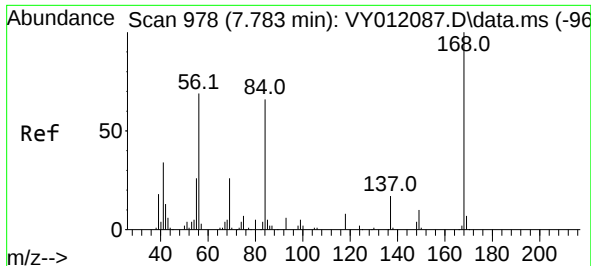
Tgt Ion: 83 Resp: 342901

Ion Ratio Lower Upper

83 100

85 65.1 51.5 77.3

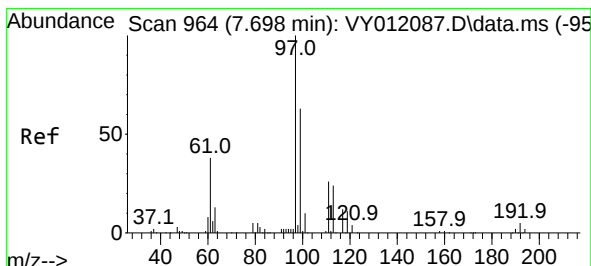
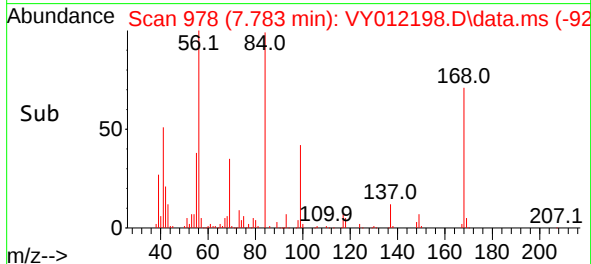
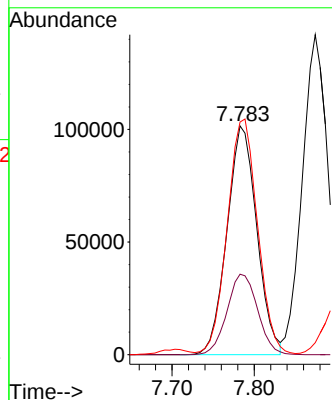
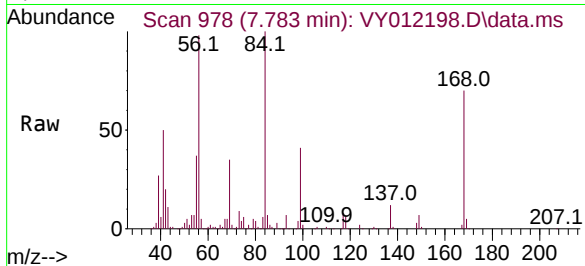




#31
Cyclohexane
Concen: 97.786 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

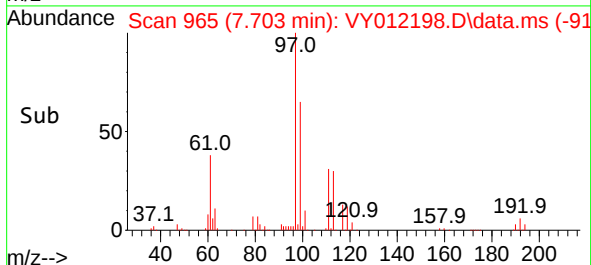
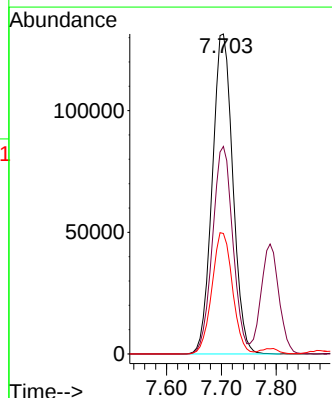
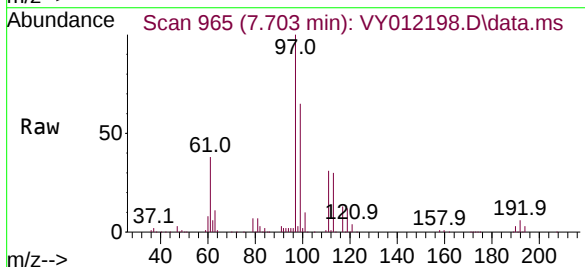
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

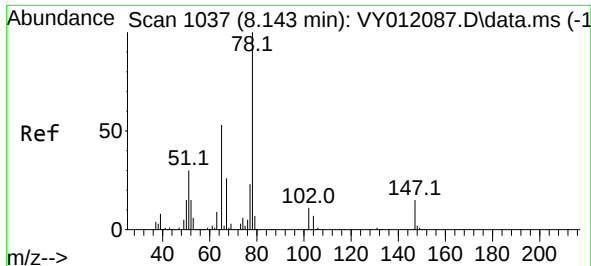
Tgt Ion: 56 Resp: 256653
Ion Ratio Lower Upper
56 100
69 35.2 29.2 43.8
84 99.4 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 103.571 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.005 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

Tgt Ion: 97 Resp: 342159
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 38.0 33.0 49.4

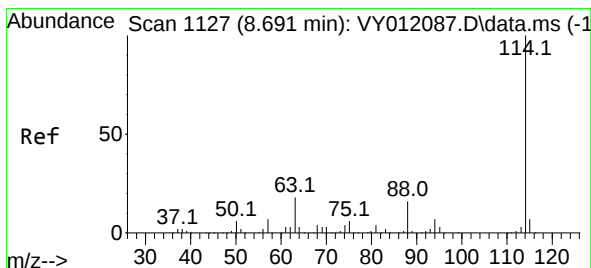
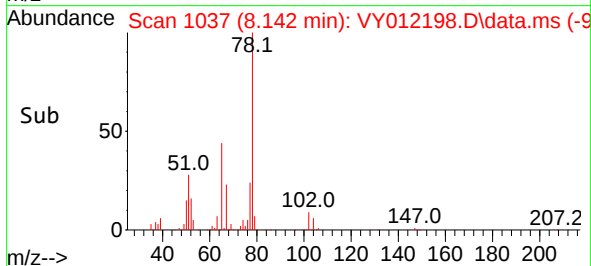
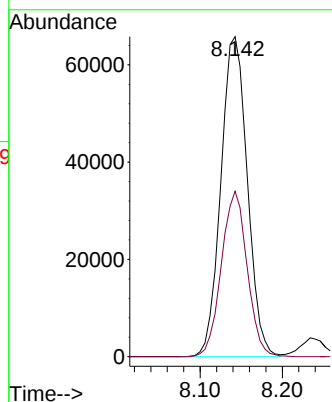
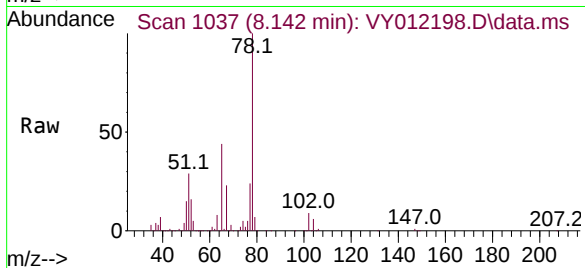




#33
 1,2-Dichloroethane-d4
 Concen: 102.770 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.001 min
 Lab File: VY012198.D
 Acq: 16 Jan 2023 14:11

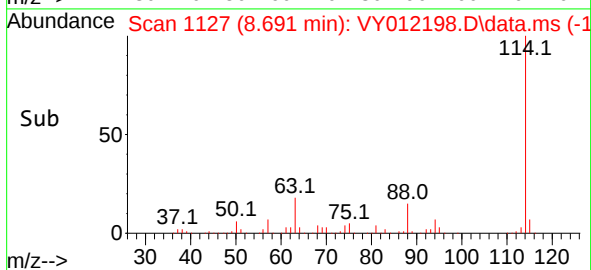
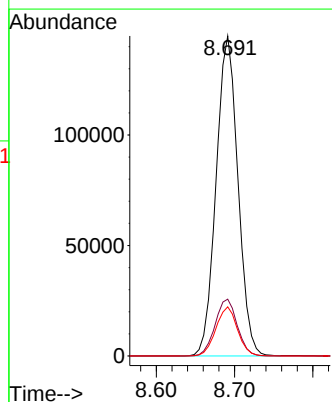
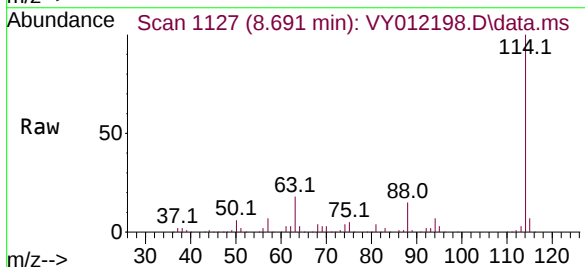
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

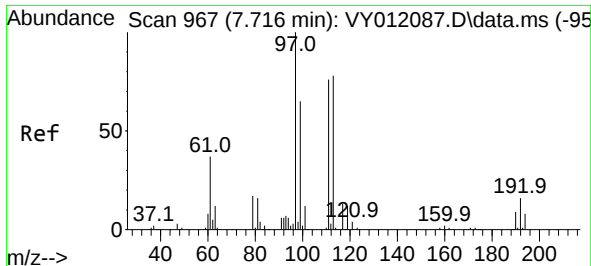
Tgt Ion: 65 Resp: 147153
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012198.D
 Acq: 16 Jan 2023 14:11

Tgt Ion: 114 Resp: 280506
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 39.6
 88 15.3 0.0 32.2

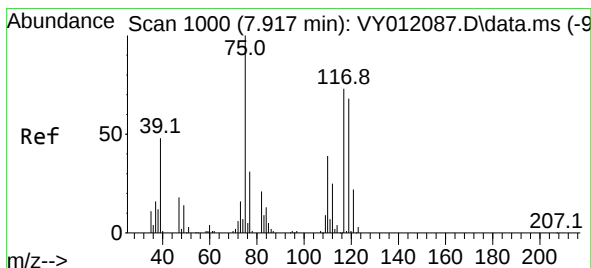
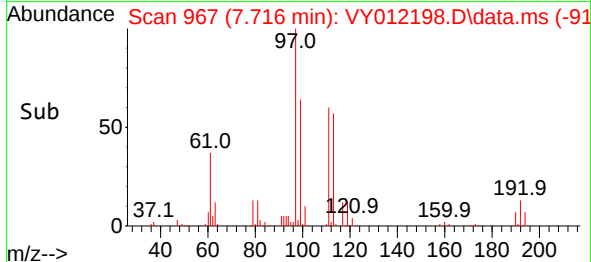
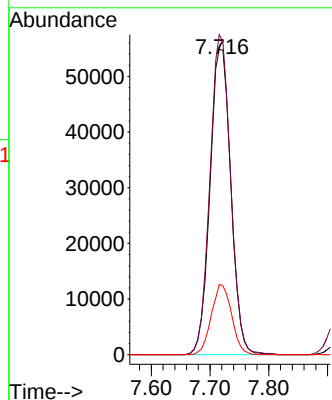
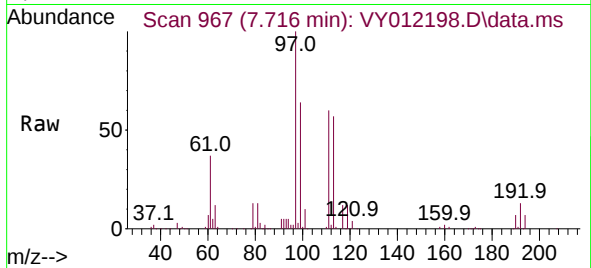




#35
Dibromofluoromethane
Concen: 91.531 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

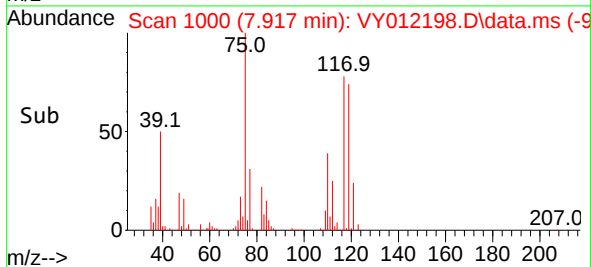
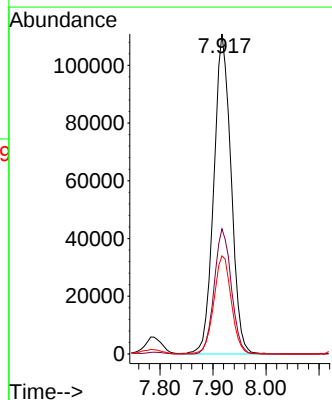
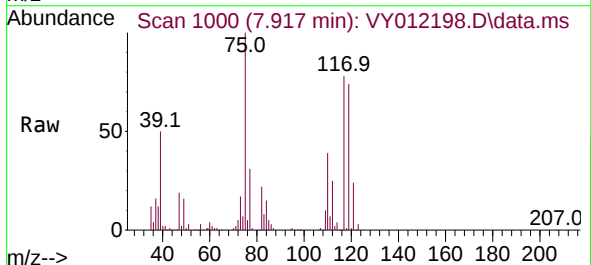
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

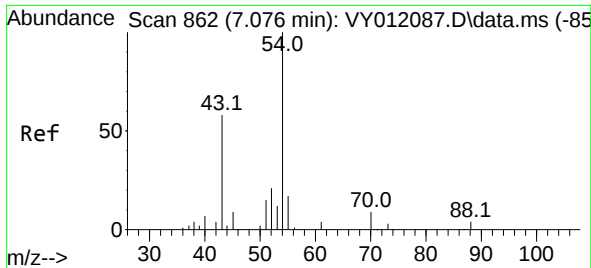
Tgt Ion:113 Resp: 135949
Ion Ratio Lower Upper
113 100
111 103.3 83.0 124.4
192 22.2 16.0 24.0



#36
1,1-Dichloropropene
Concen: 99.293 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

Tgt Ion: 75 Resp: 250642
Ion Ratio Lower Upper
75 100
110 38.6 18.1 54.1
77 31.1 25.1 37.7

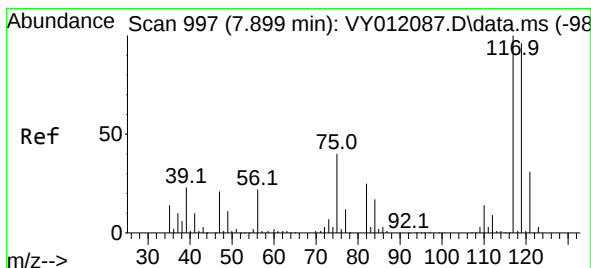
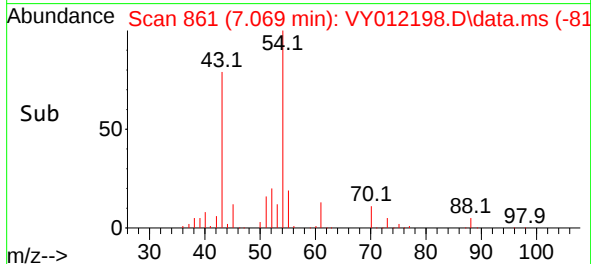
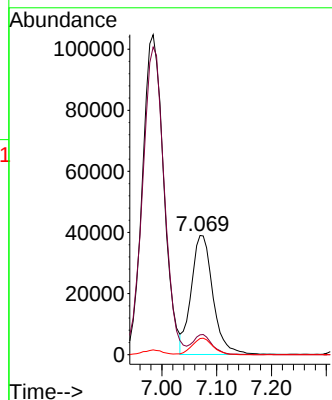
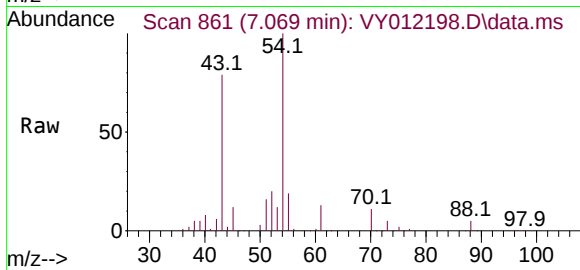




#37
Ethyl Acetate
Concen: 96.384 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.007 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

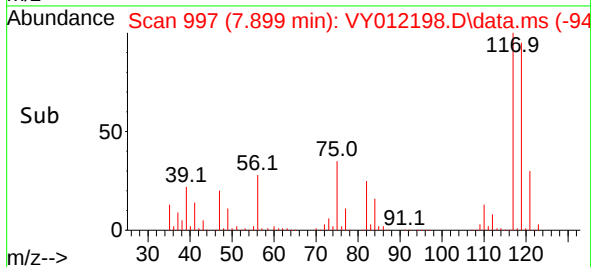
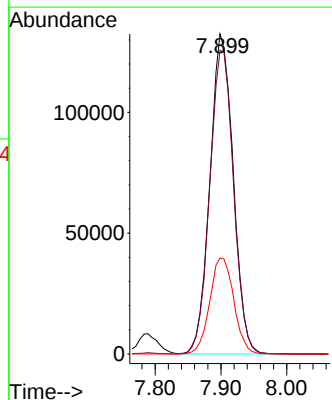
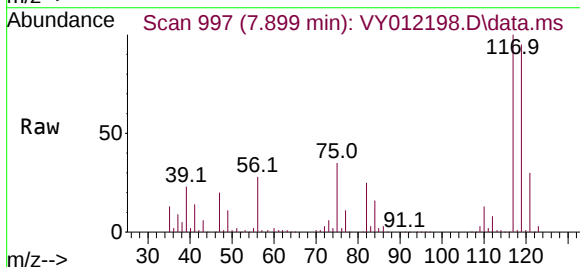
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

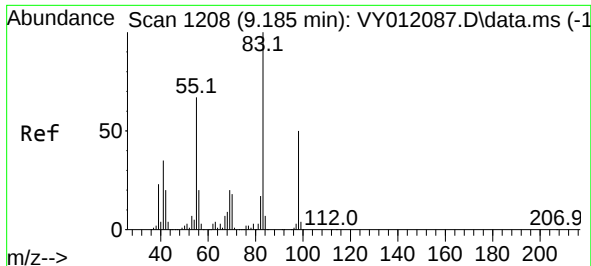
Tgt Ion: 43 Resp: 107256
Ion Ratio Lower Upper
43 100
61 15.2 11.3 16.9
70 13.2 8.2 12.4#



#38
Carbon Tetrachloride
Concen: 100.318 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

Tgt Ion: 117 Resp: 327048
Ion Ratio Lower Upper
117 100
119 94.9 73.8 110.8
121 30.0 25.2 37.8





#39

Methylcyclohexane

Concen: 102.602 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012198.D

Acq: 16 Jan 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

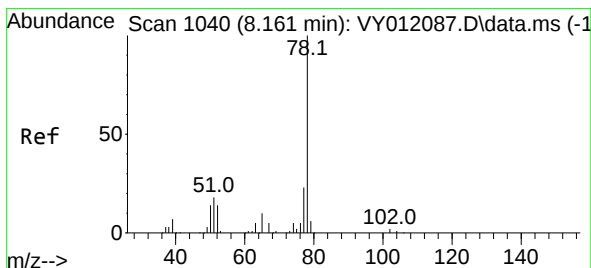
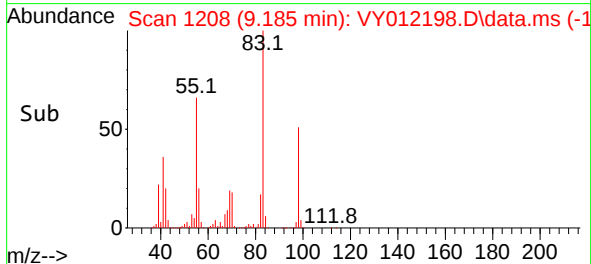
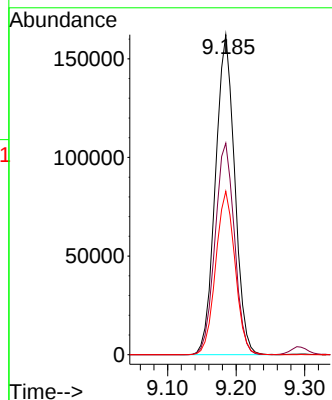
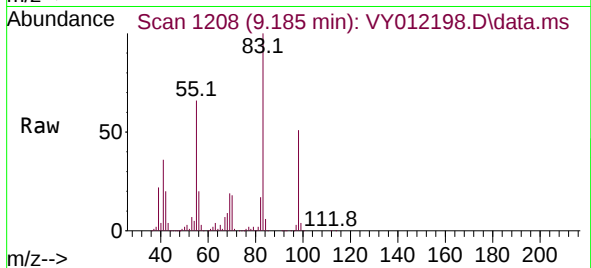
Tgt Ion: 83 Resp: 316505

Ion Ratio Lower Upper

83 100

55 66.1 58.2 87.2

98 51.1 38.6 58.0



#40

Benzene

Concen: 99.266 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012198.D

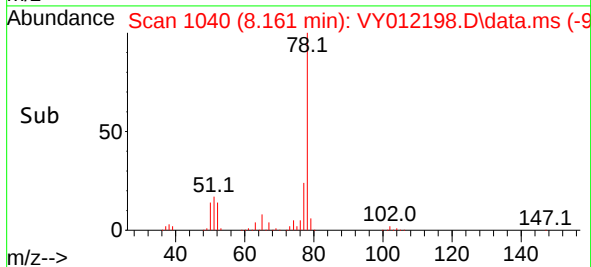
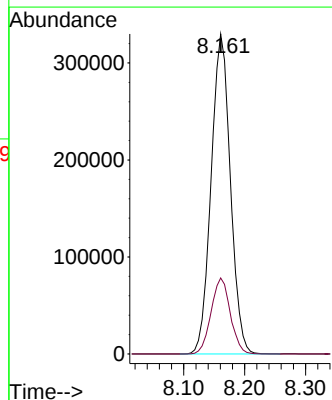
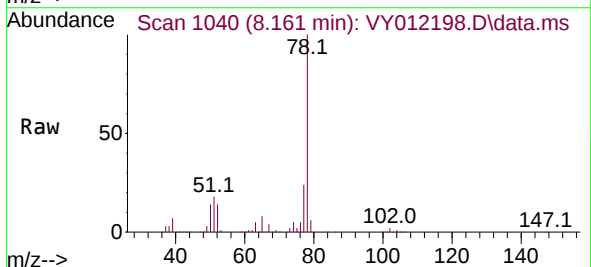
Acq: 16 Jan 2023 14:11

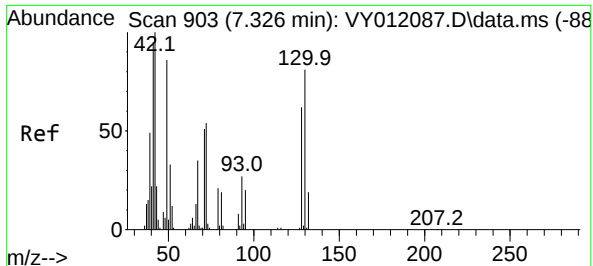
Tgt Ion: 78 Resp: 723211

Ion Ratio Lower Upper

78 100

77 23.8 18.6 27.8

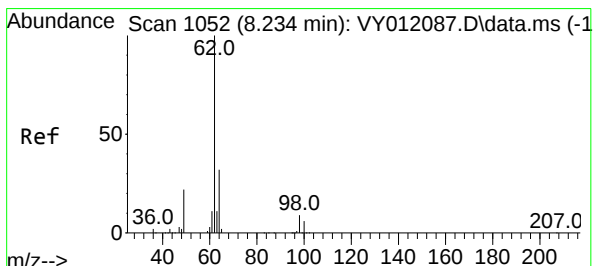
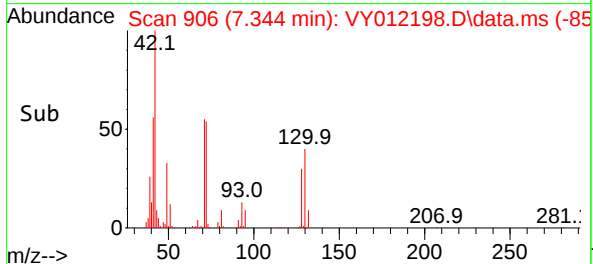
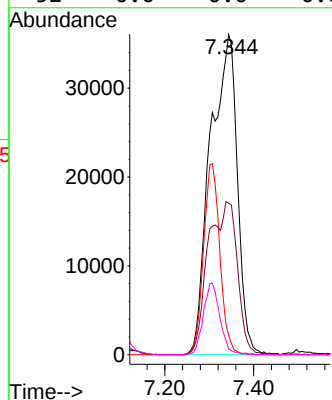
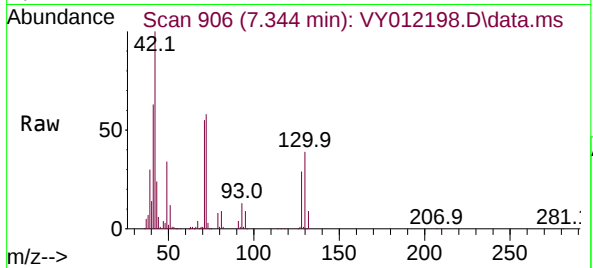




#41
Methacrylonitrile
Concen: 231.640 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.018 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

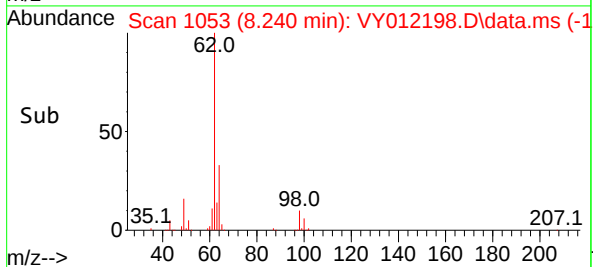
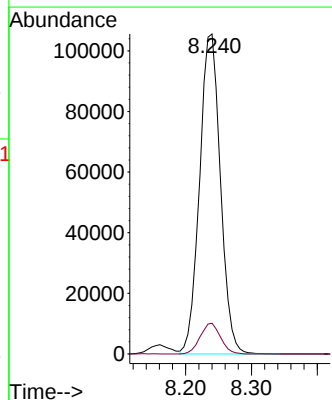
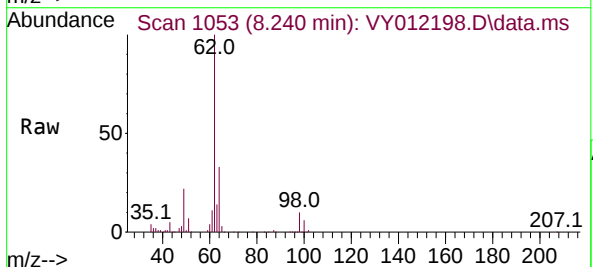
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

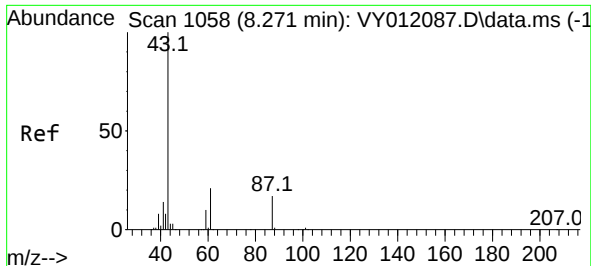
Tgt Ion: 41 Resp: 151515
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 100.176 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

Tgt Ion: 62 Resp: 232352
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.6

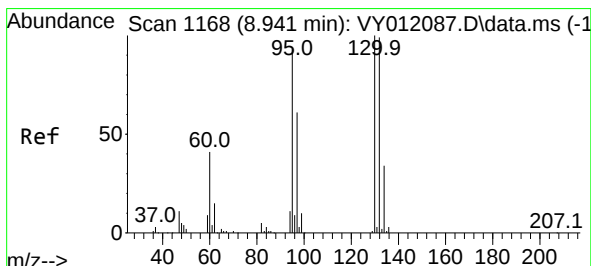
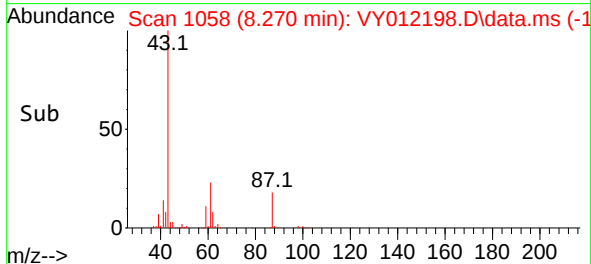
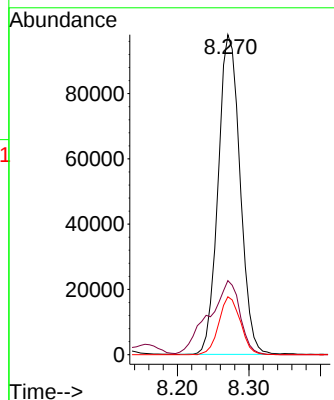
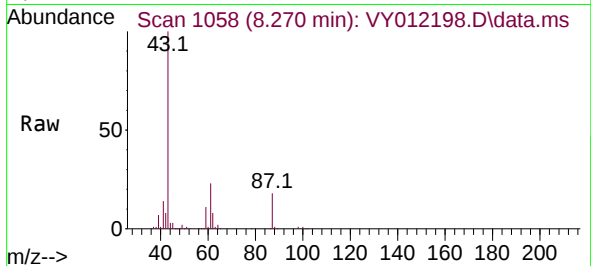




#43
Isopropyl Acetate
Concen: 100.517 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.001 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

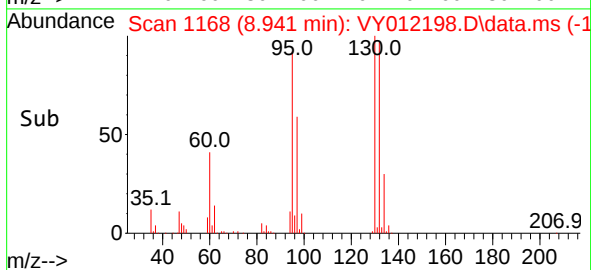
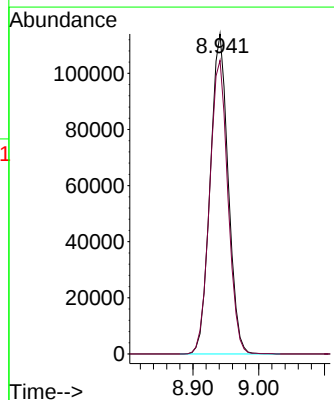
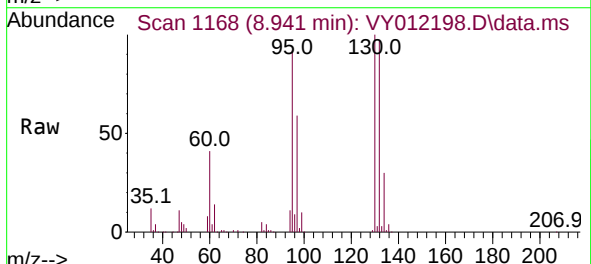
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

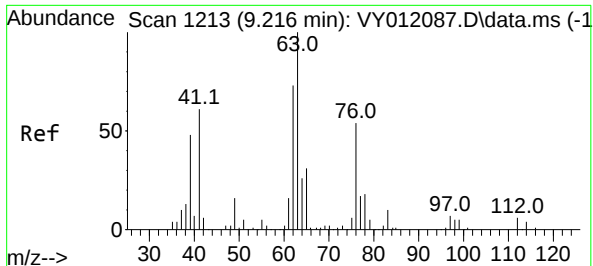
Tgt Ion: 43 Resp: 208105
Ion Ratio Lower Upper
43 100
61 33.1 24.4 36.6
87 17.9 11.4 17.2#



#44
Trichloroethene
Concen: 99.615 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

Tgt Ion:130 Resp: 216924
Ion Ratio Lower Upper
130 100
95 91.7 0.0 190.6





#45

1,2-Dichloropropane

Concen: 102.167 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.001 min

Lab File: VY012198.D

Acq: 16 Jan 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

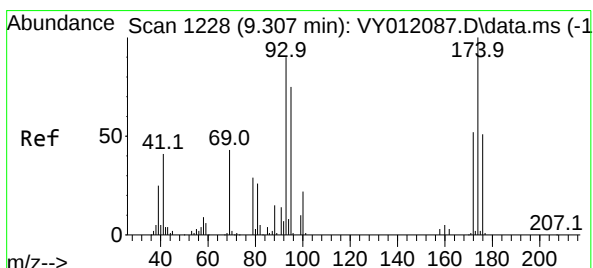
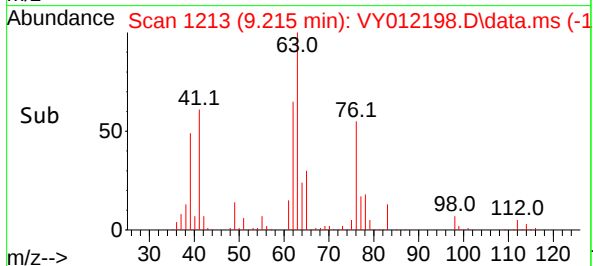
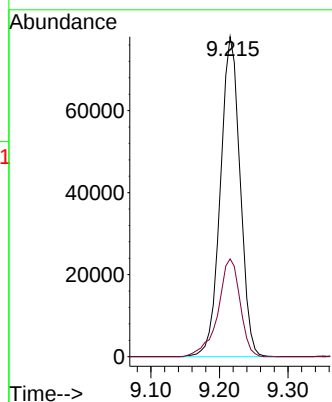
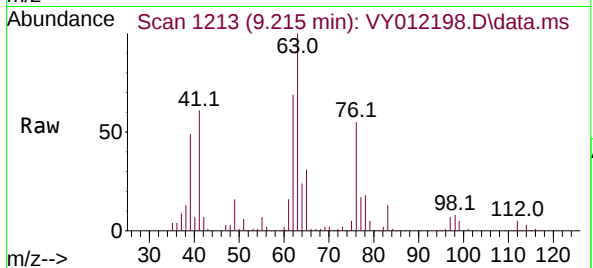
VSTDICC100

Tgt Ion: 63 Resp: 155318

Ion Ratio Lower Upper

63 100

65 30.6 24.9 37.3



#46

Dibromomethane

Concen: 99.546 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012198.D

Acq: 16 Jan 2023 14:11

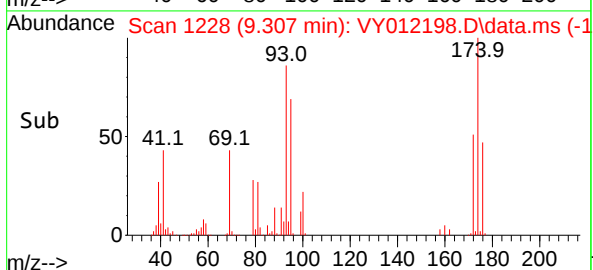
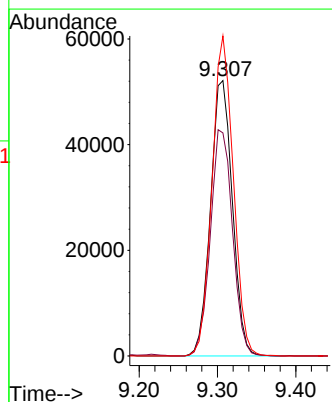
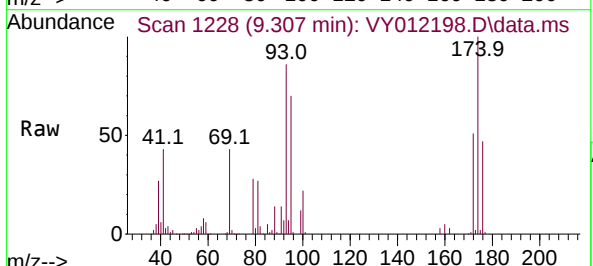
Tgt Ion: 93 Resp: 101311

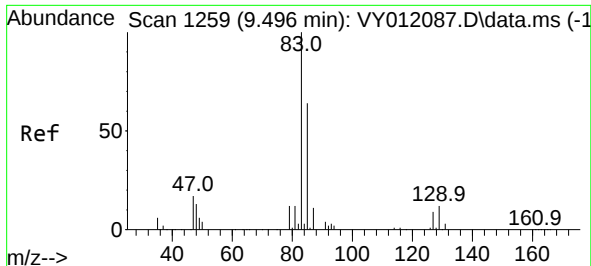
Ion Ratio Lower Upper

93 100

95 83.0 66.1 99.1

174 112.9 84.7 127.1





#47

Bromodichloromethane

Concen: 102.589 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY012198.D

Acq: 16 Jan 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

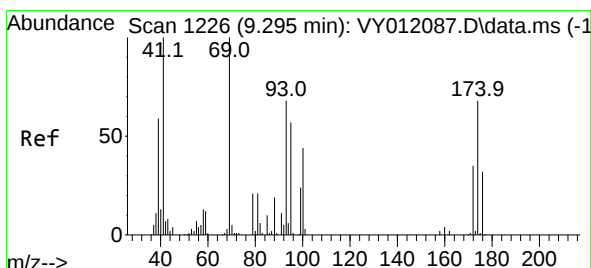
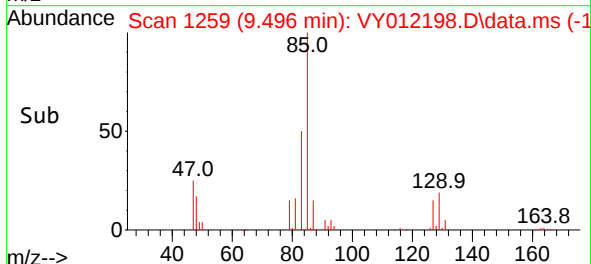
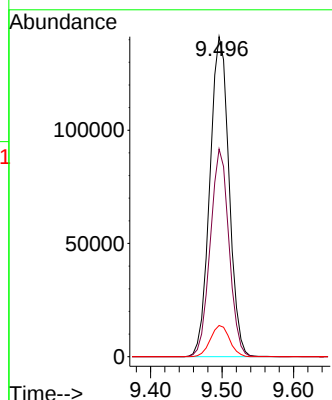
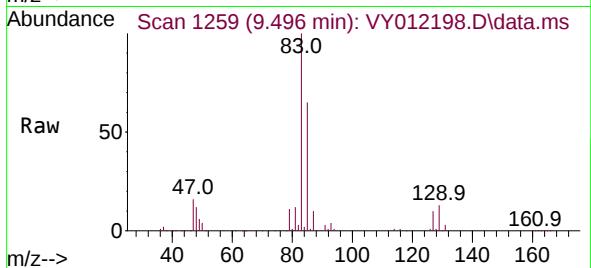
Tgt Ion: 83 Resp: 262819

Ion Ratio Lower Upper

83 100

85 64.9 52.0 78.0

127 9.7 7.3 10.9



#48

Methyl methacrylate

Concen: 101.682 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.006 min

Lab File: VY012198.D

Acq: 16 Jan 2023 14:11

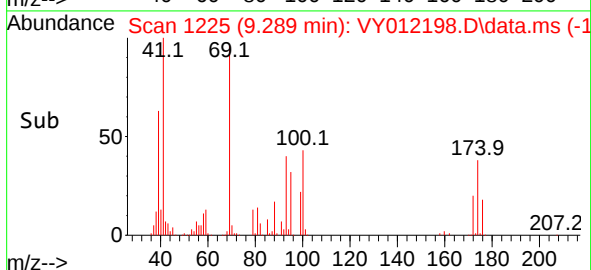
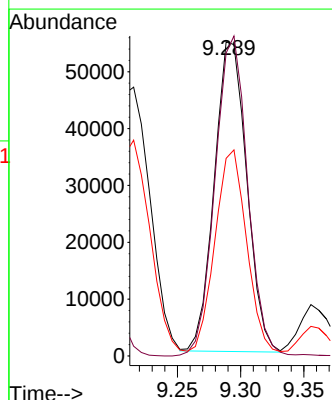
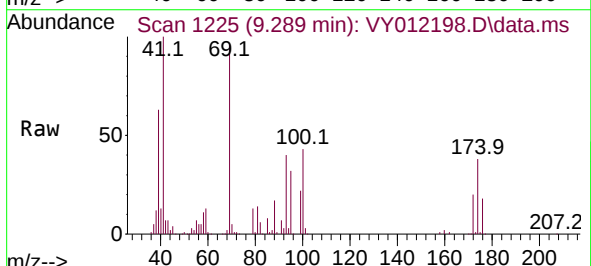
Tgt Ion: 41 Resp: 96997

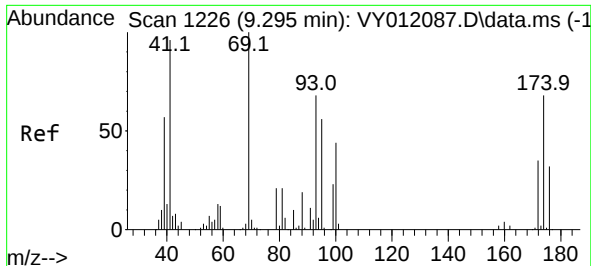
Ion Ratio Lower Upper

41 100

69 104.0 74.2 111.2

39 63.4 46.3 69.5





#49

1,4-Dioxane

Concen: 1964.186 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY012198.D

Acq: 16 Jan 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

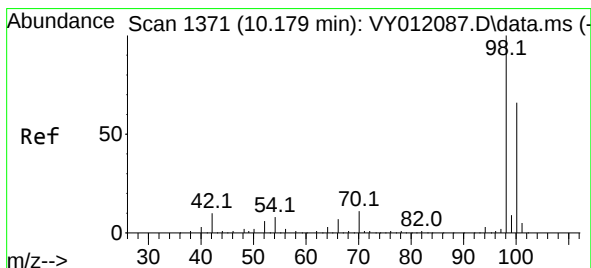
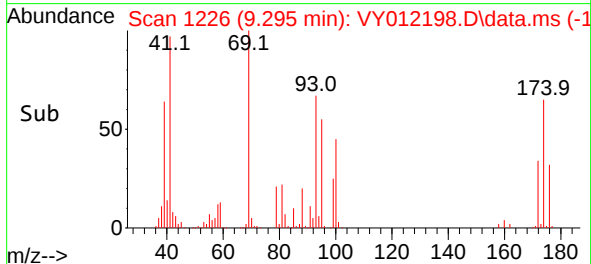
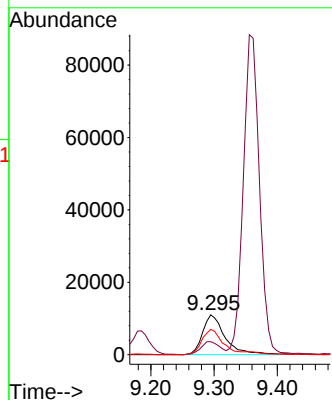
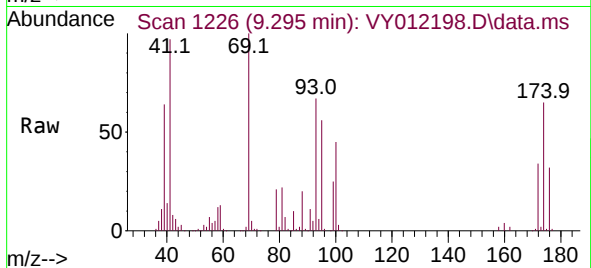
Tgt Ion: 88 Resp: 27239

Ion Ratio Lower Upper

88 100

43 27.7 26.2 39.2

58 64.4 54.3 81.5



#50

Toluene-d8

Concen: 101.768 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012198.D

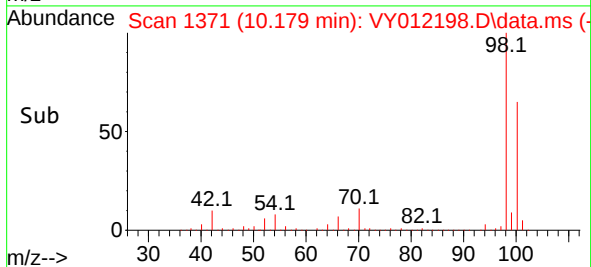
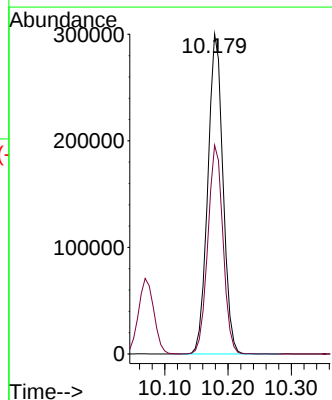
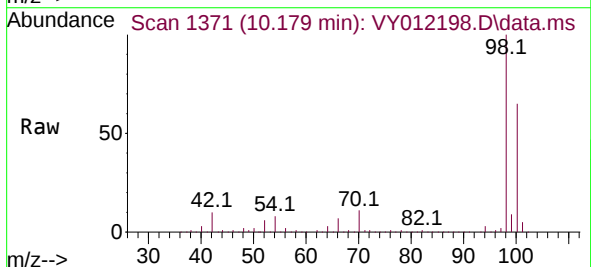
Acq: 16 Jan 2023 14:11

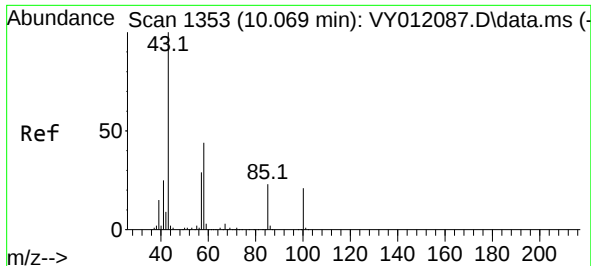
Tgt Ion: 98 Resp: 500641

Ion Ratio Lower Upper

98 100

100 65.2 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 496.632 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY012198.D

Acq: 16 Jan 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

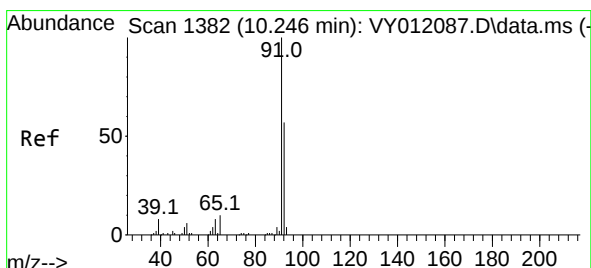
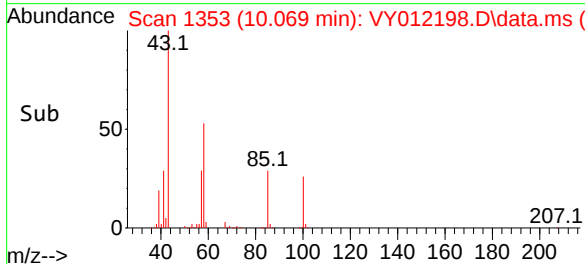
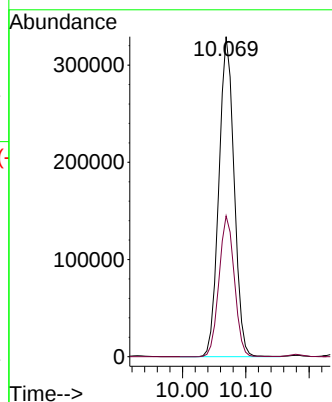
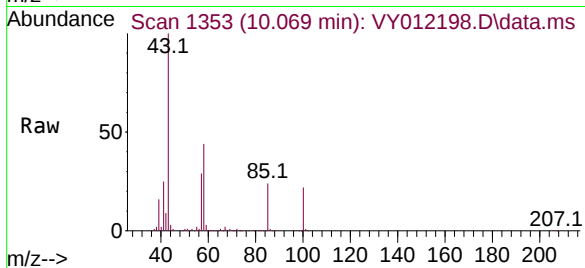
VSTDICC100

Tgt Ion: 43 Resp: 548265

Ion Ratio Lower Upper

43 100

58 44.3 32.9 49.3



#52

Toluene

Concen: 101.415 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY012198.D

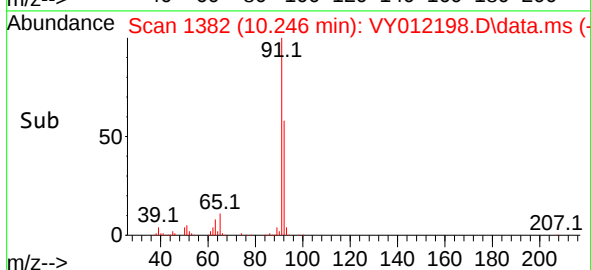
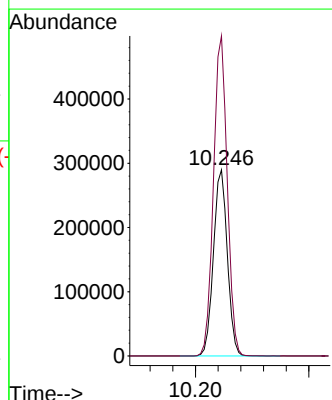
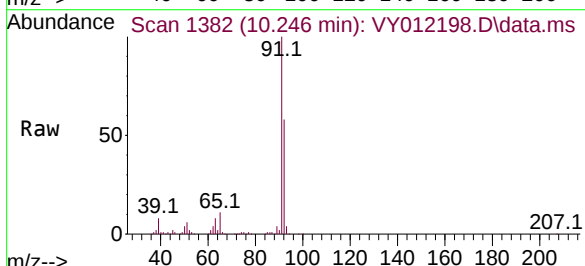
Acq: 16 Jan 2023 14:11

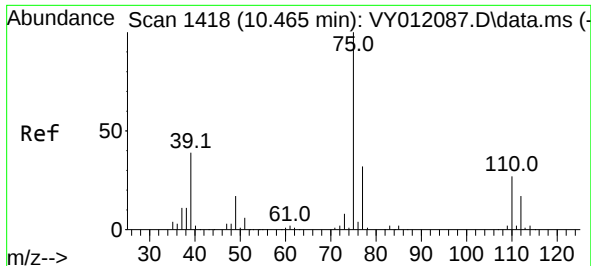
Tgt Ion: 92 Resp: 491959

Ion Ratio Lower Upper

92 100

91 170.3 137.4 206.0

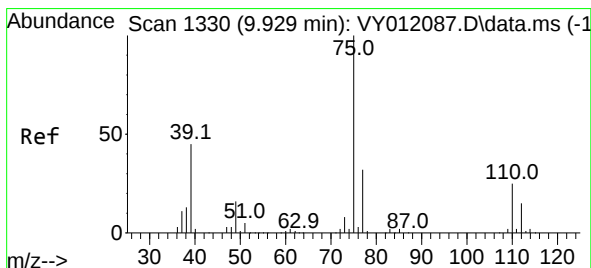
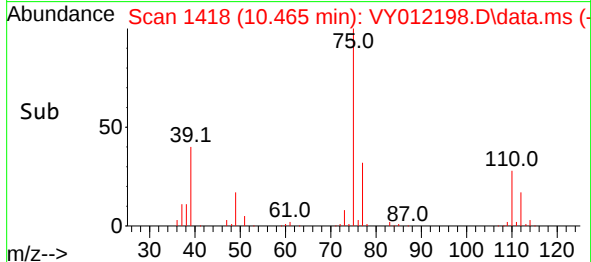
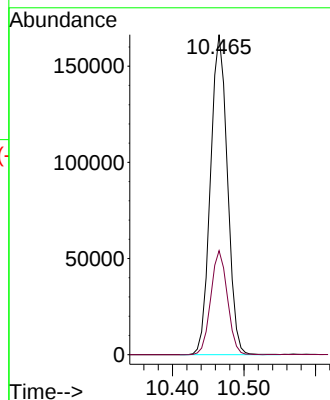
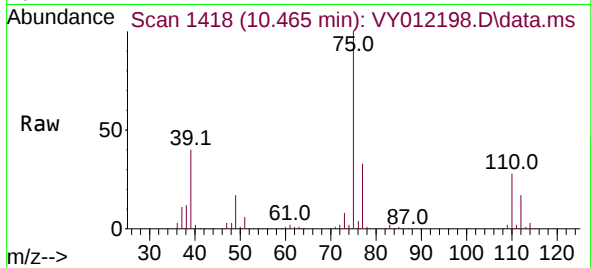




#53
t-1,3-Dichloropropene
Concen: 102.072 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

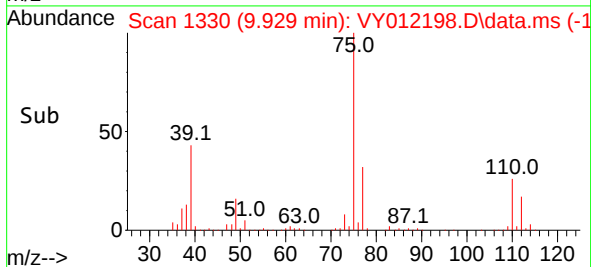
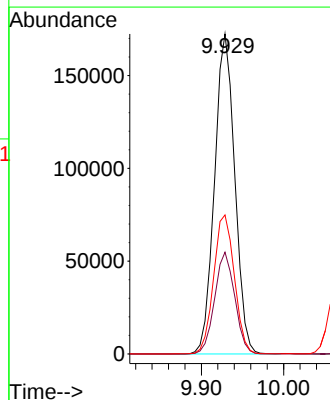
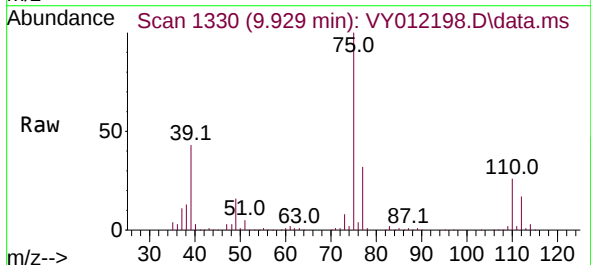
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

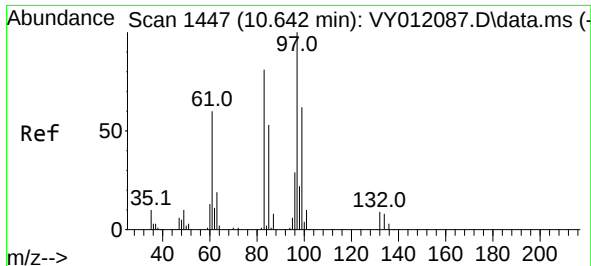
Tgt Ion: 75 Resp: 273523
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 102.106 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

Tgt Ion: 75 Resp: 294668
Ion Ratio Lower Upper
75 100
77 31.8 25.9 38.9
39 43.4 34.6 52.0

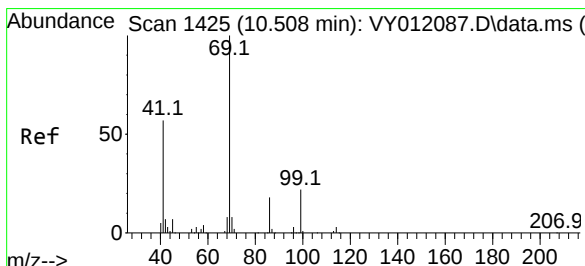
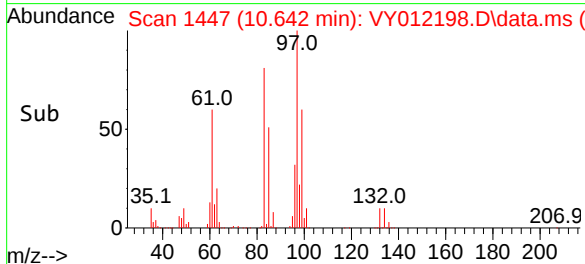
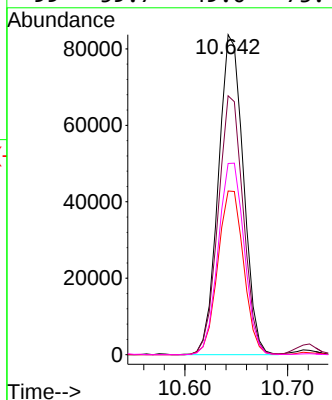
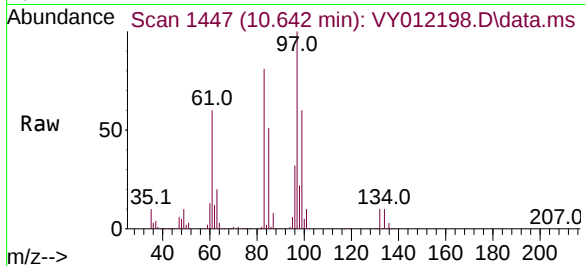




#55
1,1,2-Trichloroethane
Concen: 98.073 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

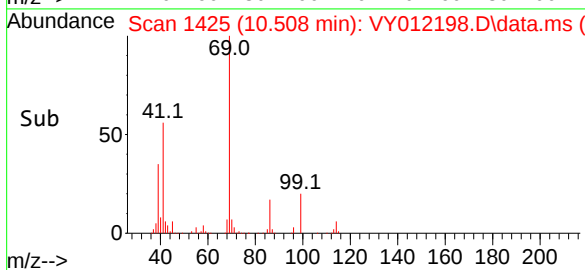
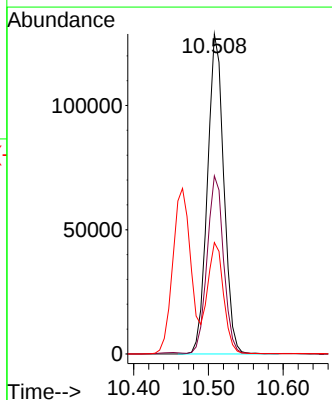
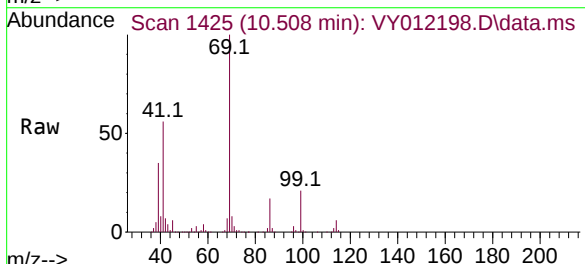
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

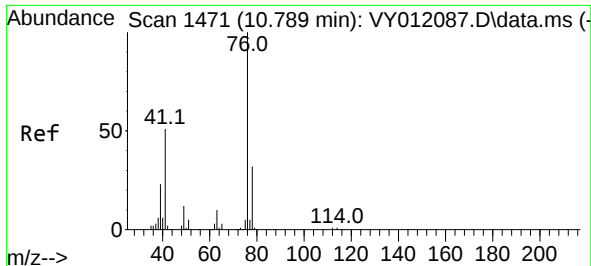
Tgt Ion: 97	Resp: 141810
Ion Ratio	Lower Upper
97 100	
83 80.9	67.7 101.5
85 51.1	43.8 65.8
99 59.7	49.0 73.4



#56
Ethyl methacrylate
Concen: 103.243 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

Tgt Ion: 69	Resp: 195851
Ion Ratio	Lower Upper
69 100	
41 55.8	48.9 73.3
39 33.5	25.9 38.9





#57

1,3-Dichloropropane

Concen: 100.525 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY012198.D

Acq: 16 Jan 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

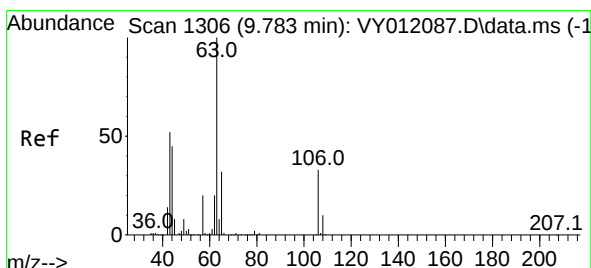
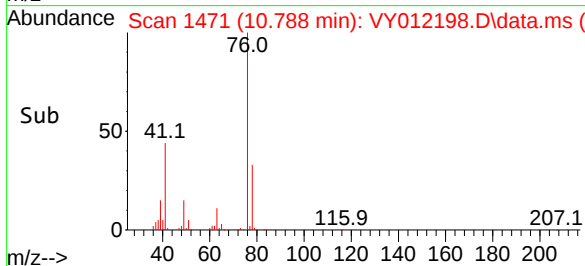
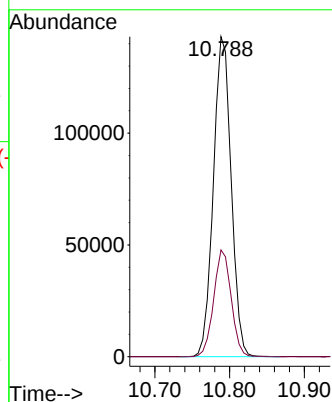
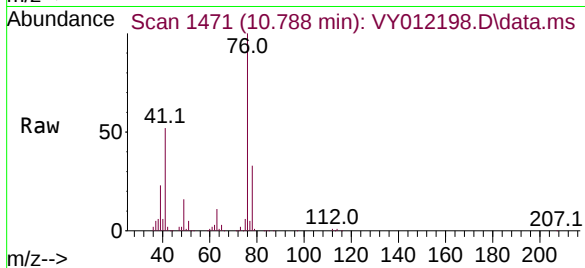
VSTDIC100

Tgt Ion: 76 Resp: 237386

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 478.962 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY012198.D

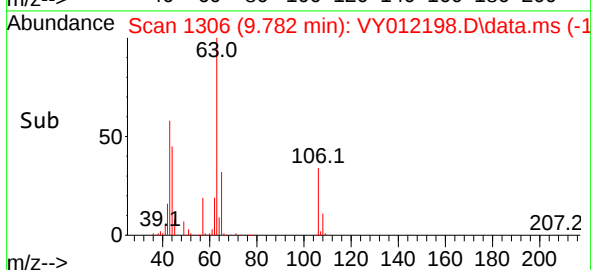
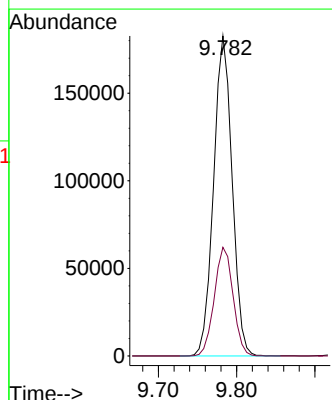
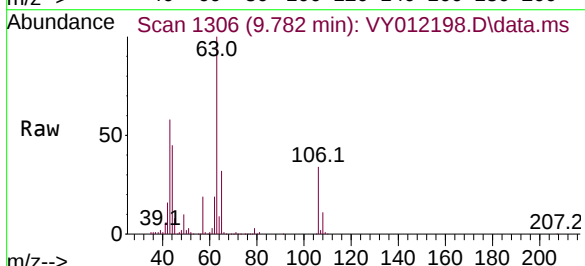
Acq: 16 Jan 2023 14:11

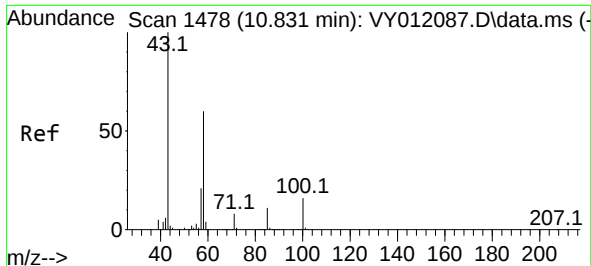
Tgt Ion: 63 Resp: 300641

Ion Ratio Lower Upper

63 100

106 34.3 23.2 34.8

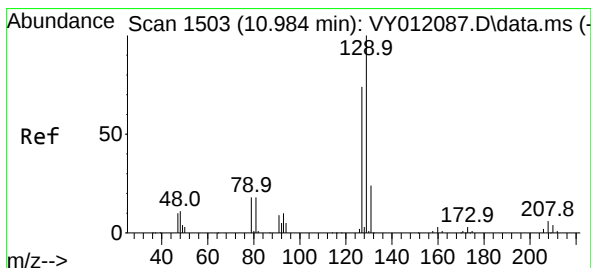
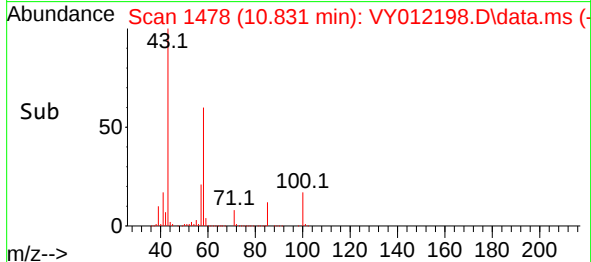
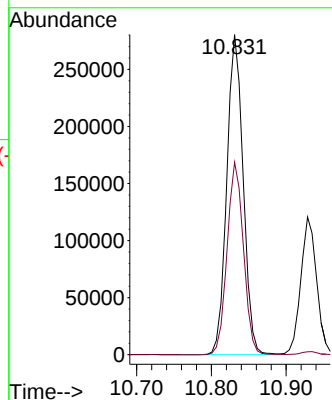
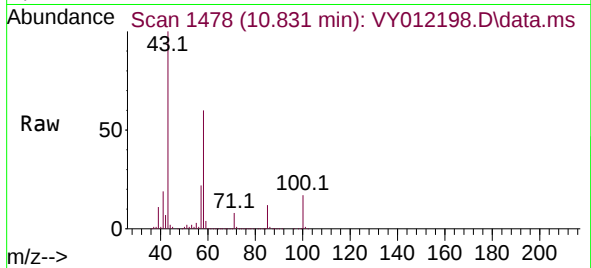




#59
2-Hexanone
Concen: 509.532 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

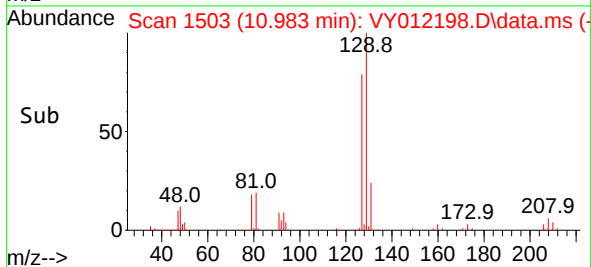
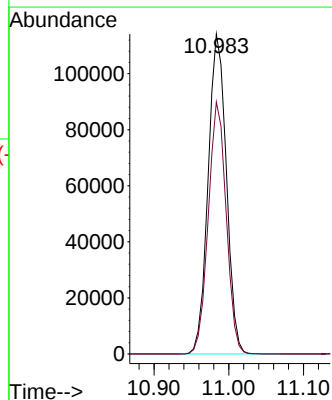
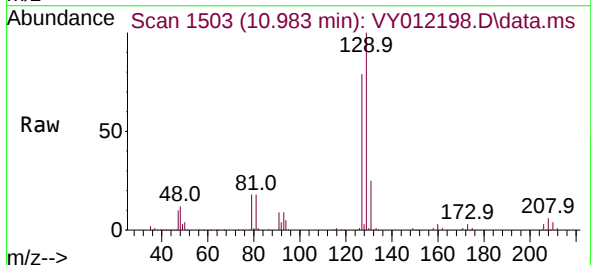
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

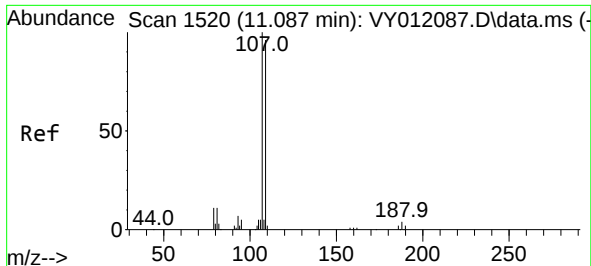
Tgt Ion: 43 Resp: 428264
Ion Ratio Lower Upper
43 100
58 60.0 28.4 85.2



#60
Dibromochloromethane
Concen: 100.755 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

Tgt Ion: 129 Resp: 193231
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6

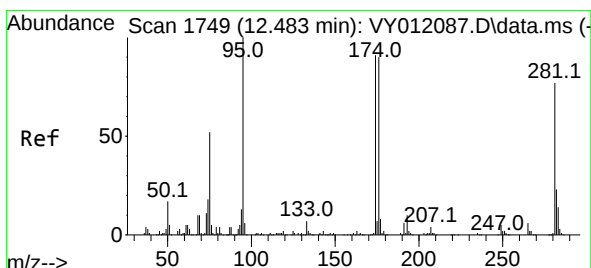
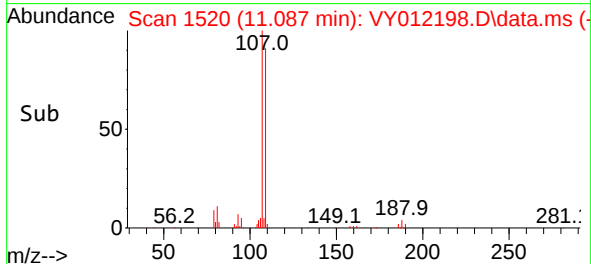
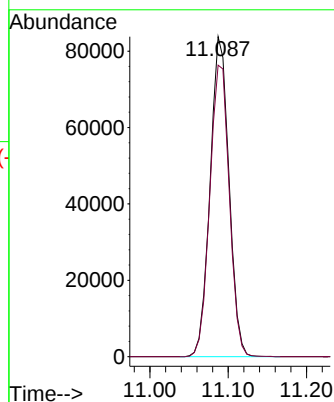
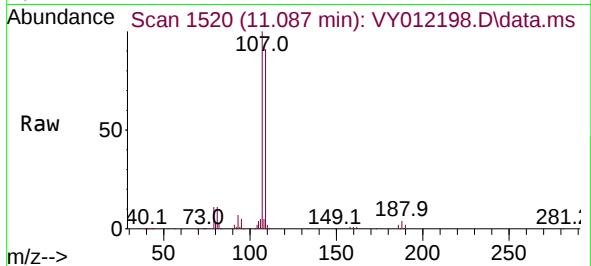




#61
1,2-Dibromoethane
Concen: 100.417 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

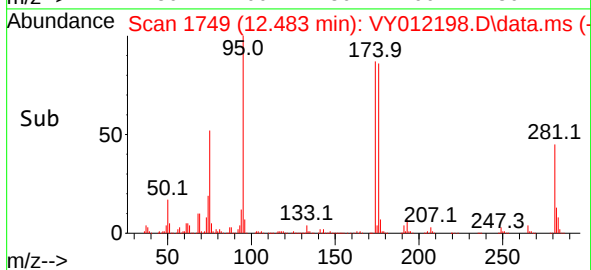
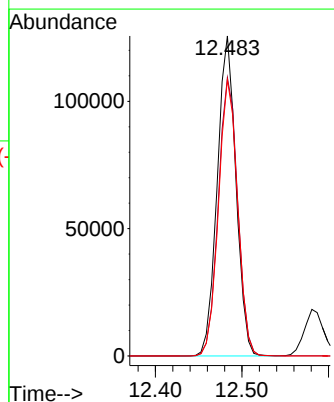
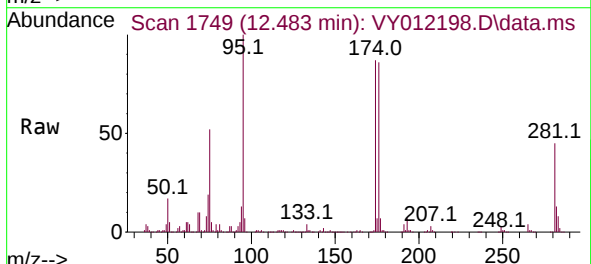
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

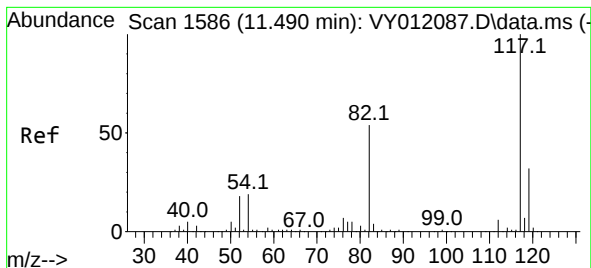
Tgt Ion:107 Resp: 140109
Ion Ratio Lower Upper
107 100
109 94.3 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 90.127 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

Tgt Ion: 95 Resp: 188707
Ion Ratio Lower Upper
95 100
174 90.0 0.0 172.0
176 87.9 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012198.D

Acq: 16 Jan 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

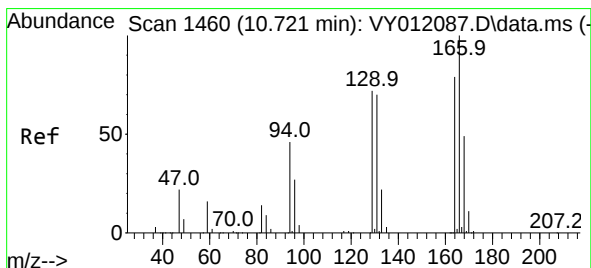
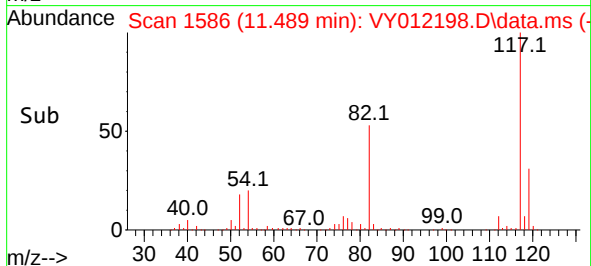
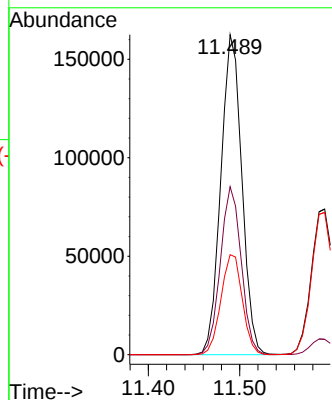
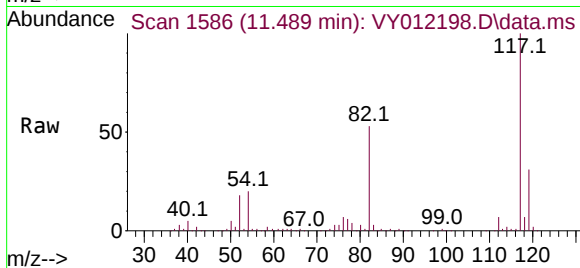
Tgt Ion:117 Resp: 260191

Ion Ratio Lower Upper

117 100

82 52.5 44.8 67.2

119 31.2 25.4 38.2



#64

Tetrachloroethene

Concen: 97.910 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012198.D

Acq: 16 Jan 2023 14:11

Tgt Ion:164 Resp: 232458

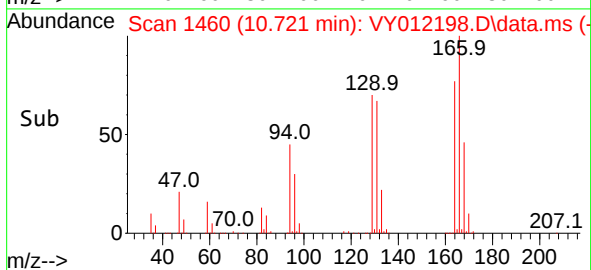
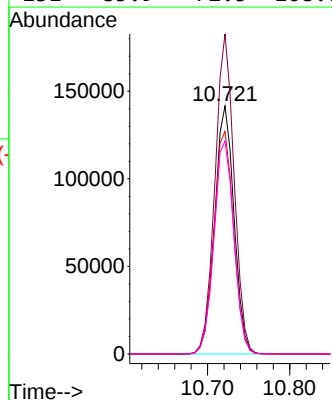
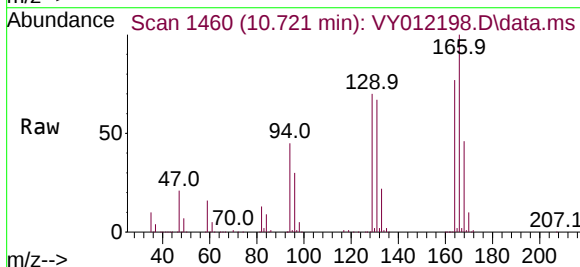
Ion Ratio Lower Upper

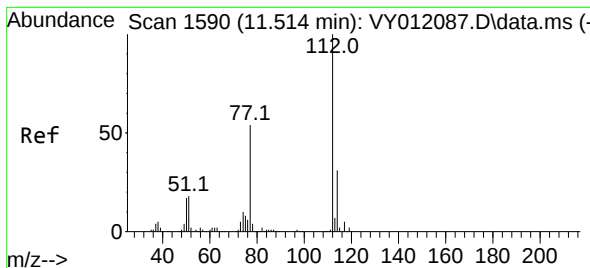
164 100

166 129.1 102.3 153.5

129 89.8 77.2 115.8

131 85.9 72.5 108.7





#65

Chlorobenzene

Concen: 98.998 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY012198.D

Acq: 16 Jan 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

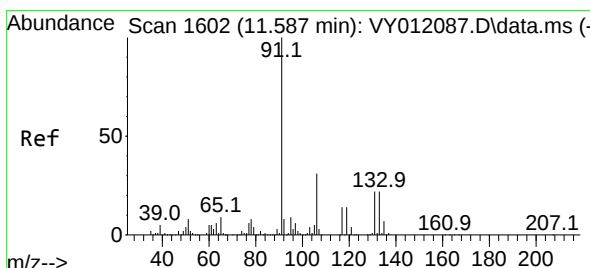
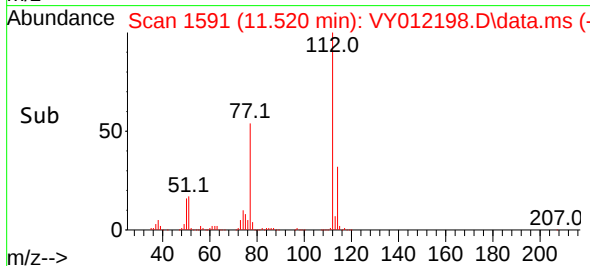
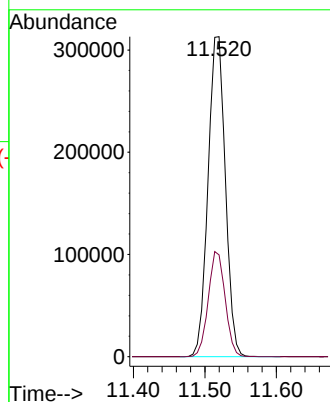
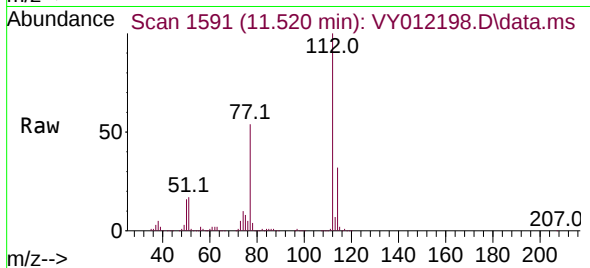
VSTDIC100

Tgt Ion:112 Resp: 527034

Ion Ratio Lower Upper

112 100

114 31.8 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 100.093 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY012198.D

Acq: 16 Jan 2023 14:11

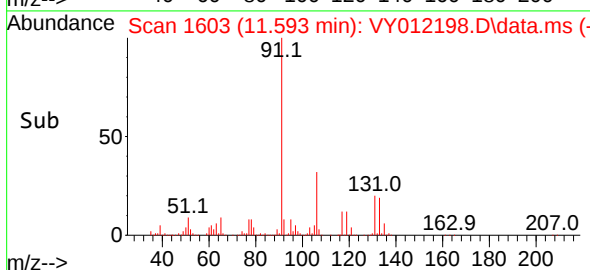
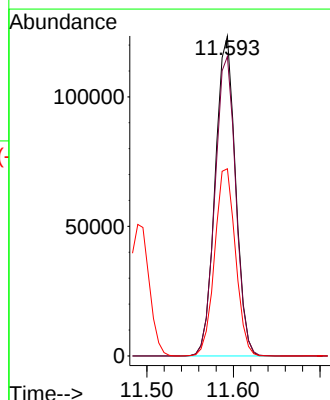
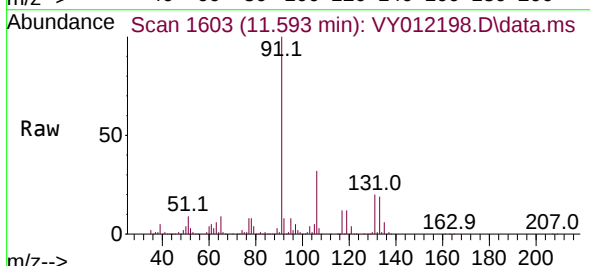
Tgt Ion:131 Resp: 201129

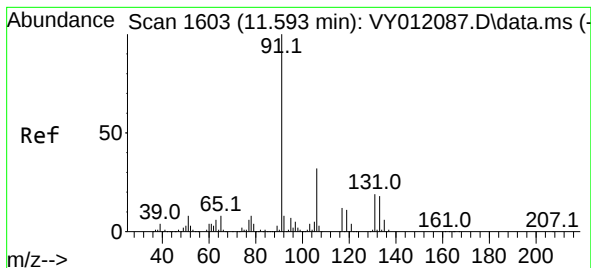
Ion Ratio Lower Upper

131 100

133 95.7 47.3 142.0

119 60.0 32.1 96.3





#67

Ethyl Benzene

Concen: 100.544 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012198.D

Acq: 16 Jan 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

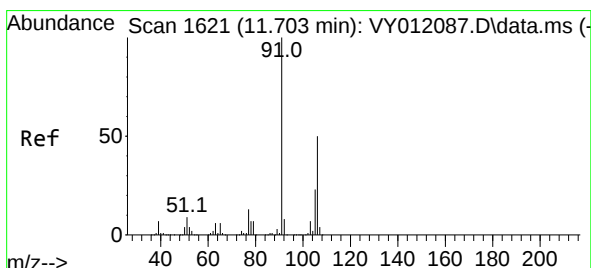
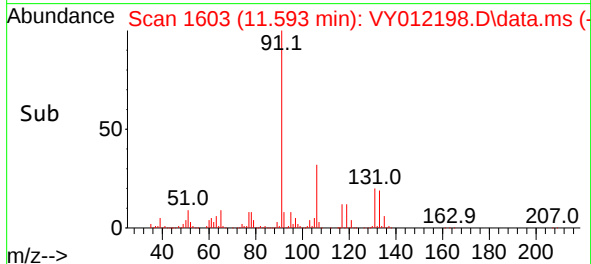
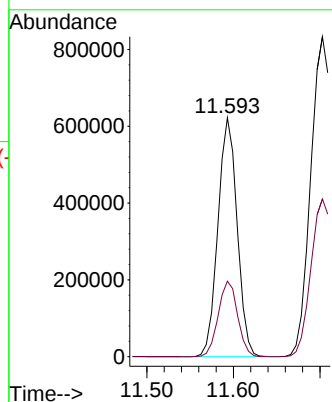
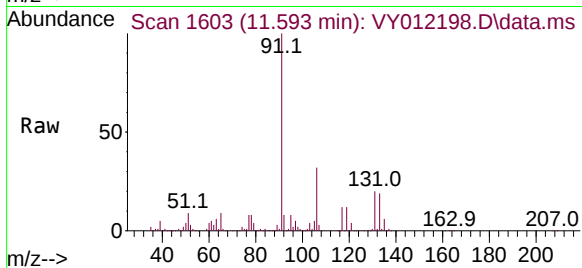
VSTDICC100

Tgt Ion: 91 Resp: 956614

Ion Ratio Lower Upper

91 100

106 31.6 25.0 37.4



#68

m/p-Xylenes

Concen: 200.761 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012198.D

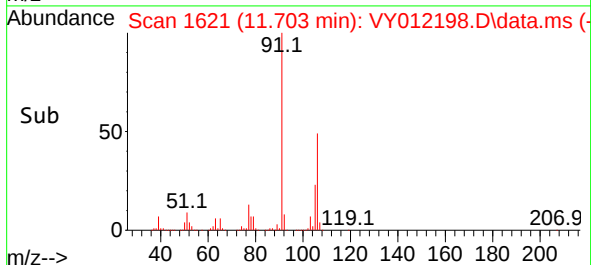
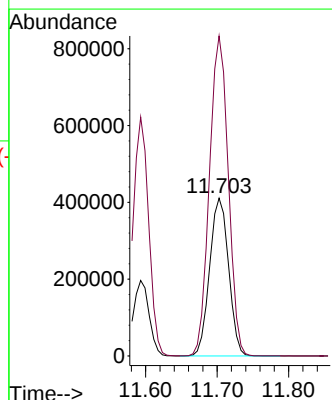
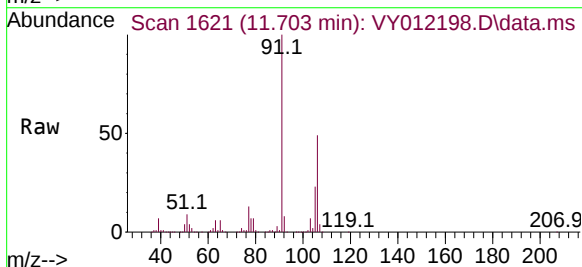
Acq: 16 Jan 2023 14:11

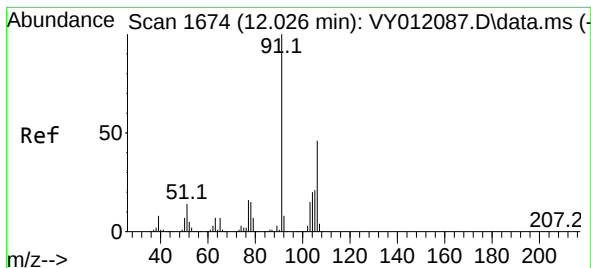
Tgt Ion:106 Resp: 755232

Ion Ratio Lower Upper

106 100

91 202.0 162.5 243.7





#69

o-Xylene

Concen: 100.198 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY012198.D

Acq: 16 Jan 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

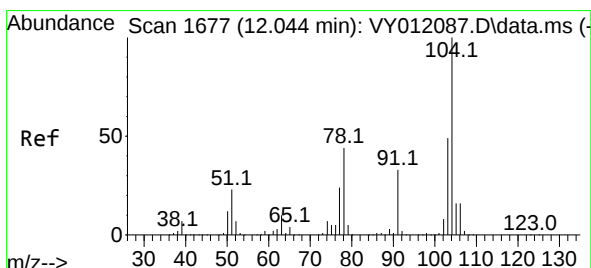
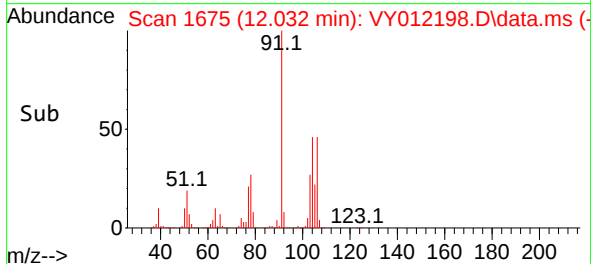
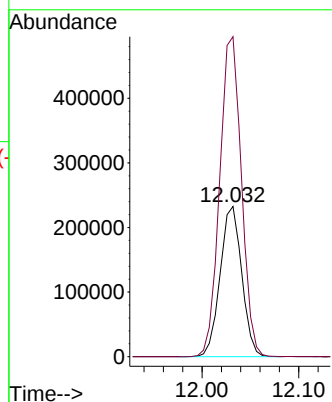
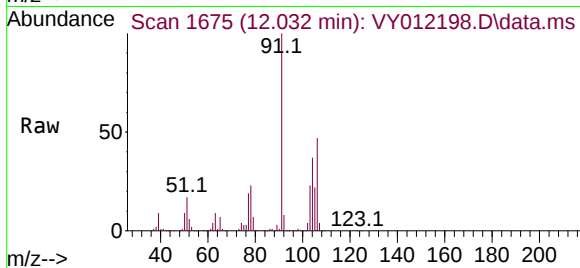
VSTDIC100

Tgt Ion:106 Resp: 360023

Ion Ratio Lower Upper

106 100

91 214.6 107.5 322.4



#70

Styrene

Concen: 101.169 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012198.D

Acq: 16 Jan 2023 14:11

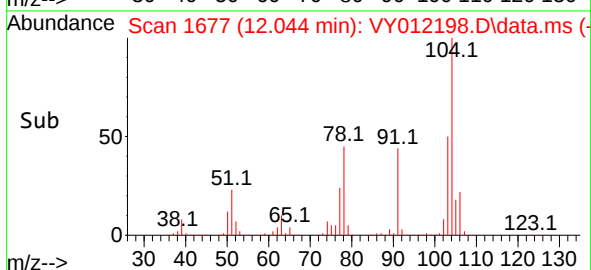
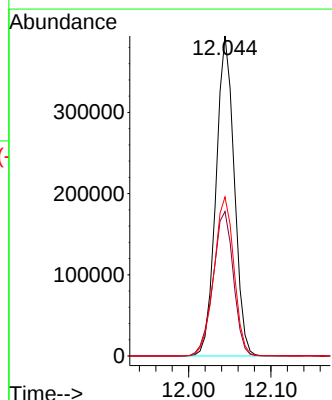
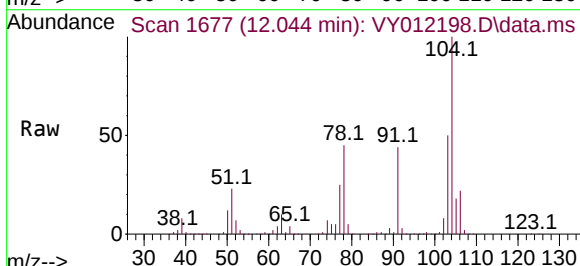
Tgt Ion:104 Resp: 607373

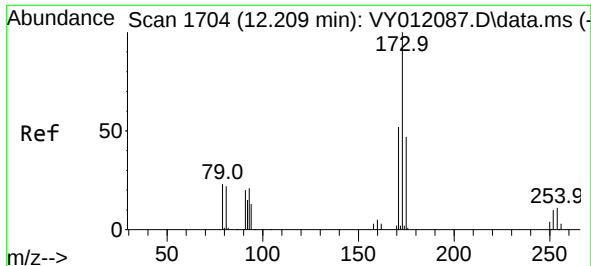
Ion Ratio Lower Upper

104 100

78 50.3 39.4 59.0

103 54.4 43.0 64.4

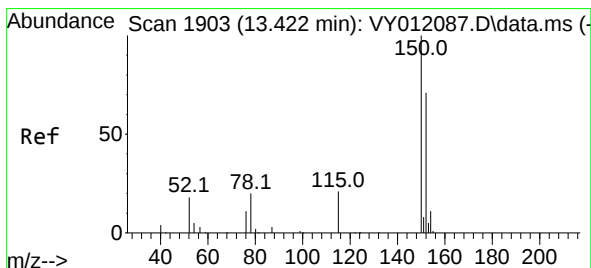
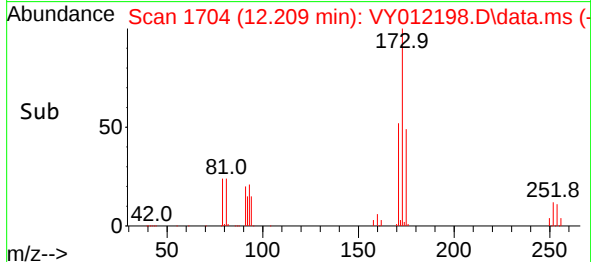
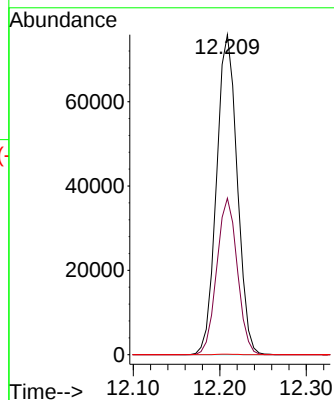
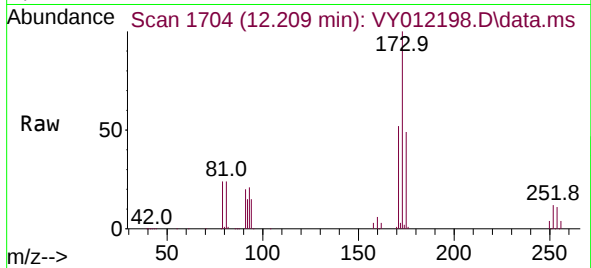




#71
Bromoform
Concen: 98.084 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

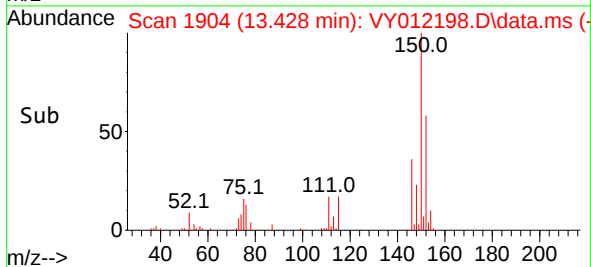
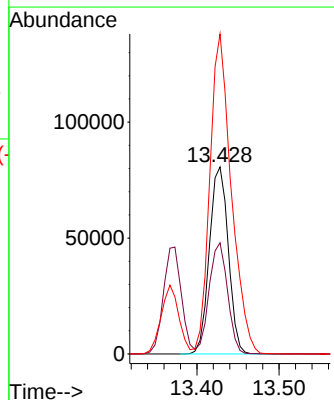
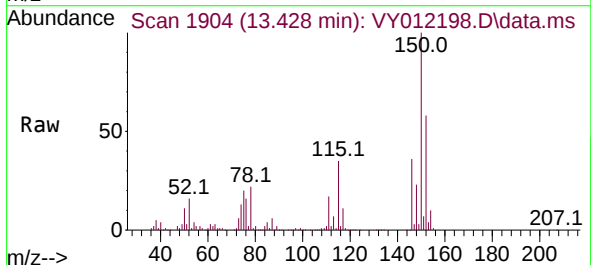
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

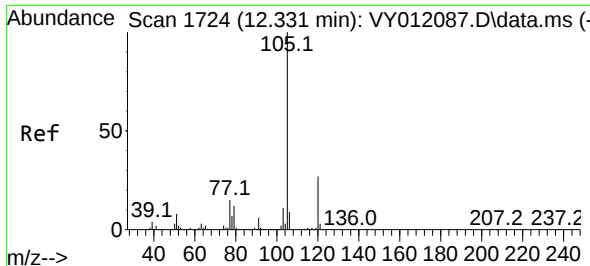
Tgt Ion:173 Resp: 125922
Ion Ratio Lower Upper
173 100
175 48.5 23.8 71.5
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

Tgt Ion:152 Resp: 128840
Ion Ratio Lower Upper
152 100
115 58.0 29.1 87.3
150 194.7 0.0 342.6

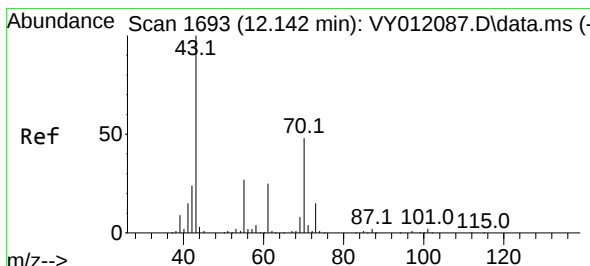
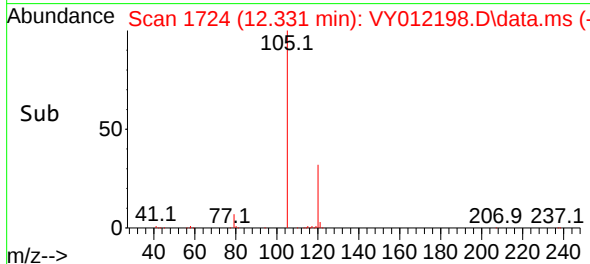
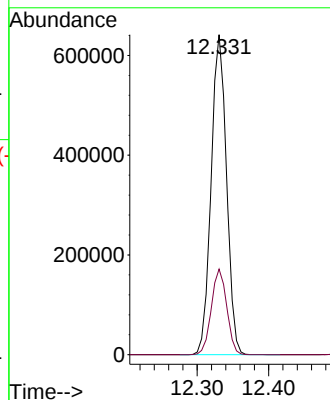
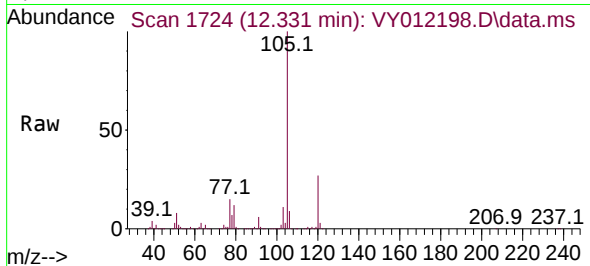




#73
Isopropylbenzene
Concen: 103.040 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

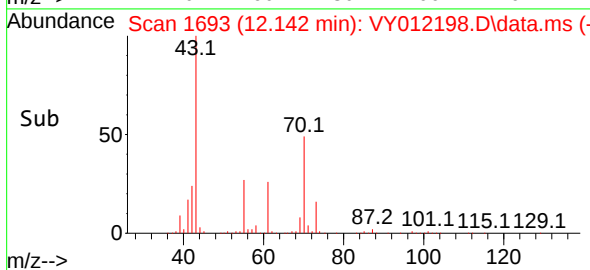
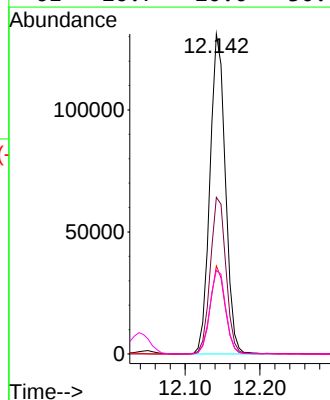
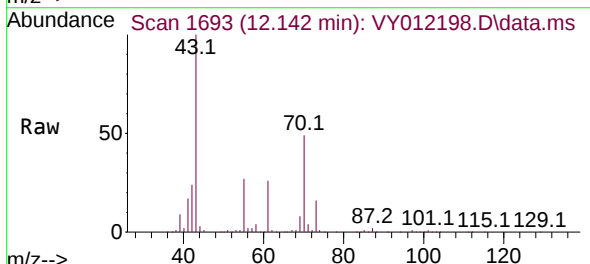
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

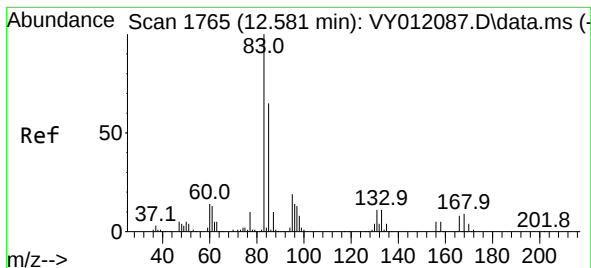
Tgt Ion:105 Resp: 957293
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.6



#74
N-ethyl acetate
Concen: 103.757 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

Tgt Ion: 43 Resp: 188961
Ion Ratio Lower Upper
43 100
70 49.3 35.8 53.8
55 26.6 21.0 31.4
61 26.7 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 98.731 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY012198.D

Acq: 16 Jan 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

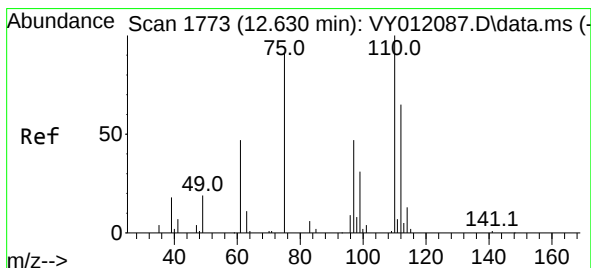
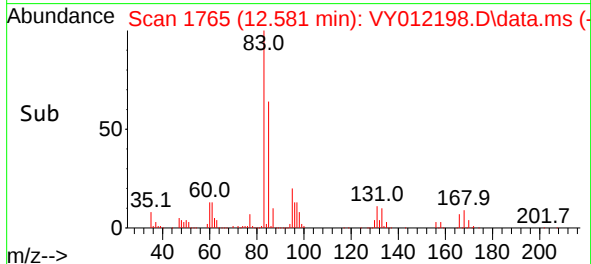
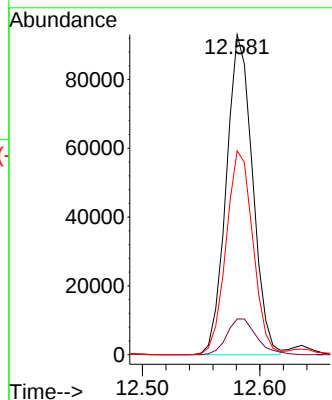
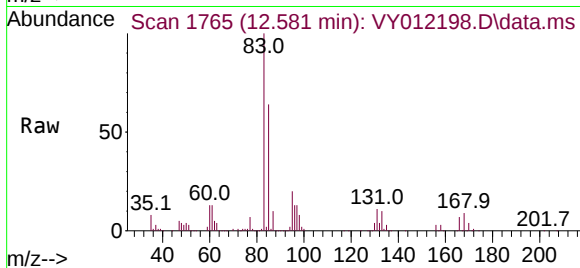
Tgt Ion: 83 Resp: 144479

Ion Ratio Lower Upper

83 100

131 12.6 5.6 16.8

85 65.1 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 185.480 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY012198.D

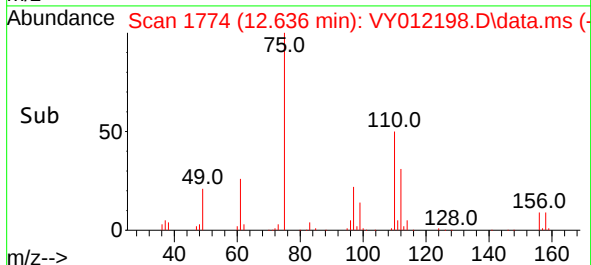
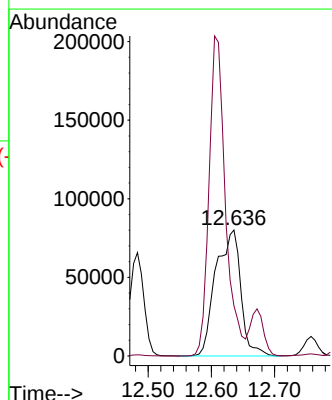
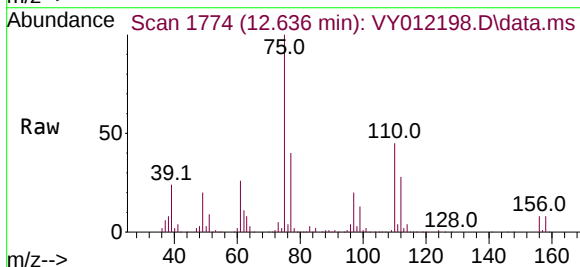
Acq: 16 Jan 2023 14:11

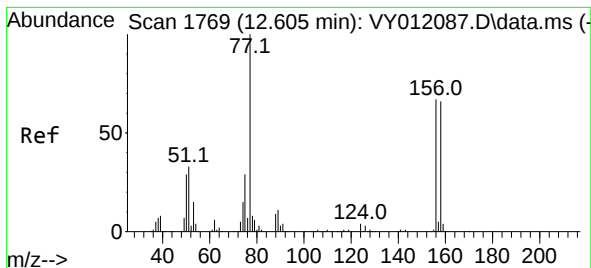
Tgt Ion: 75 Resp: 219744

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 100.068 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY012198.D

Acq: 16 Jan 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

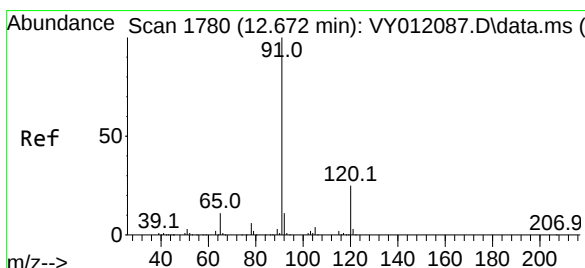
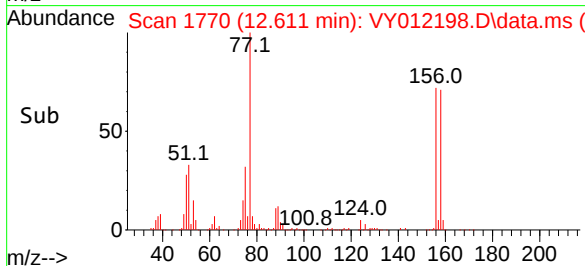
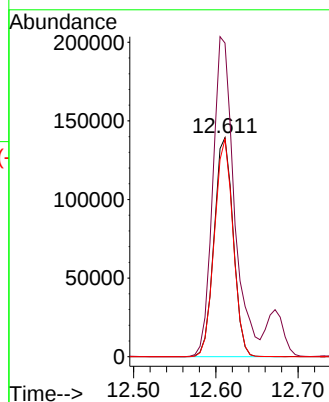
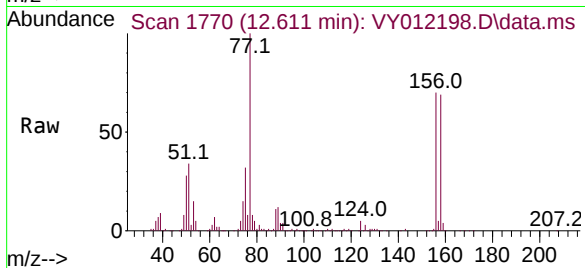
Tgt Ion:156 Resp: 223708

Ion Ratio Lower Upper

156 100

77 165.1 90.0 270.0

158 97.5 48.4 145.2



#78

n-propylbenzene

Concen: 102.227 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012198.D

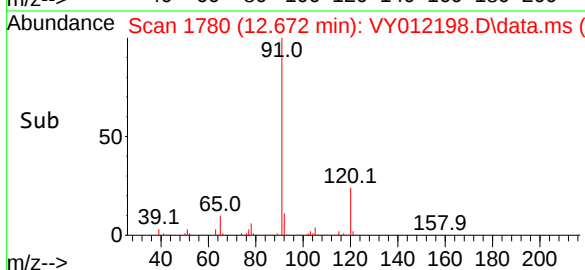
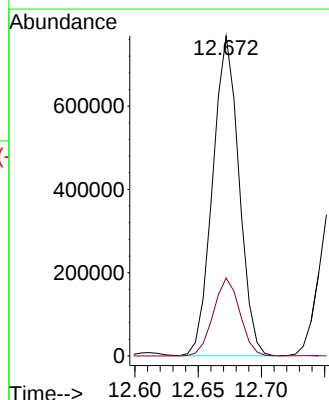
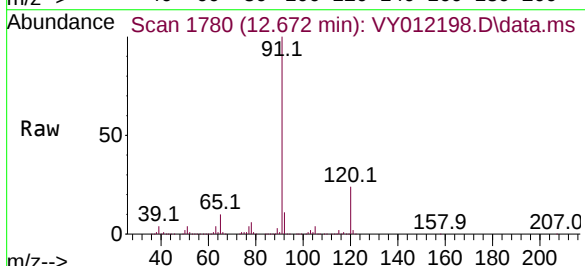
Acq: 16 Jan 2023 14:11

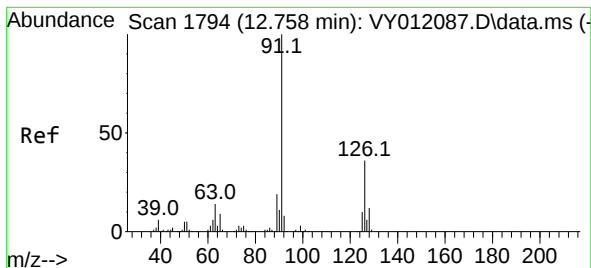
Tgt Ion: 91 Resp: 1111374

Ion Ratio Lower Upper

91 100

120 24.5 11.8 35.4

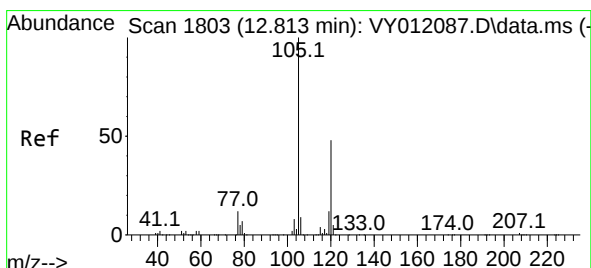
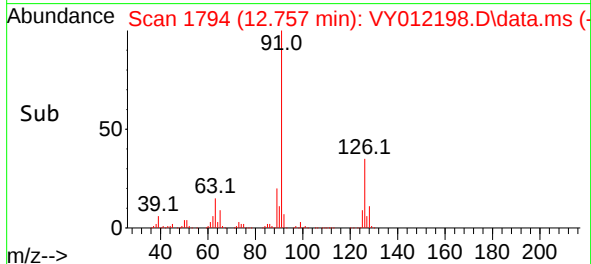
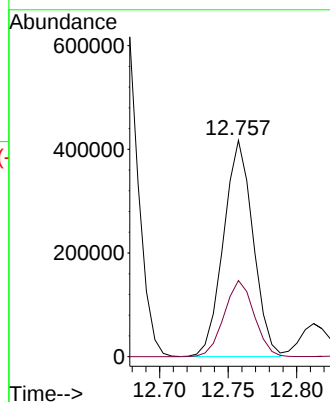
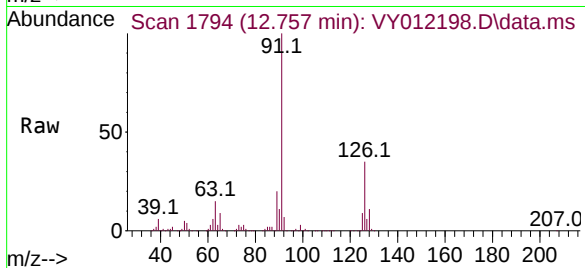




#79
2-Chlorotoluene
Concen: 101.932 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

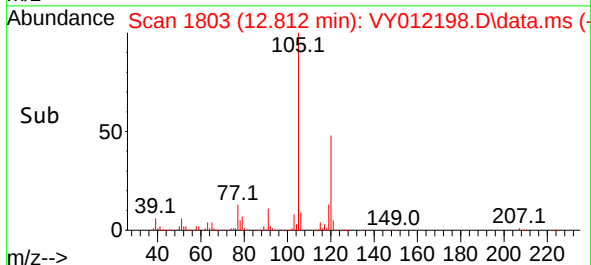
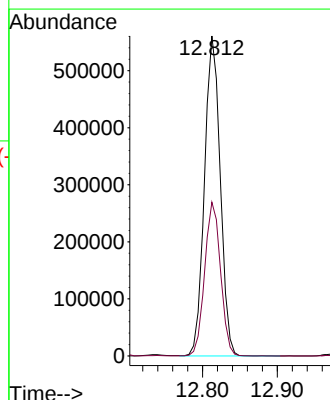
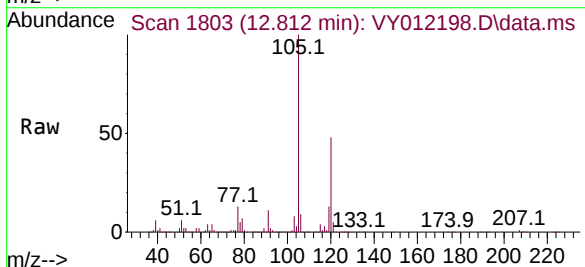
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

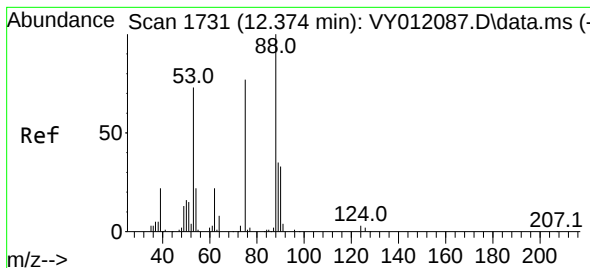
Tgt Ion: 91 Resp: 626555
Ion Ratio Lower Upper
91 100
126 35.8 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 101.591 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

Tgt Ion: 105 Resp: 820490
Ion Ratio Lower Upper
105 100
120 48.3 24.2 72.6

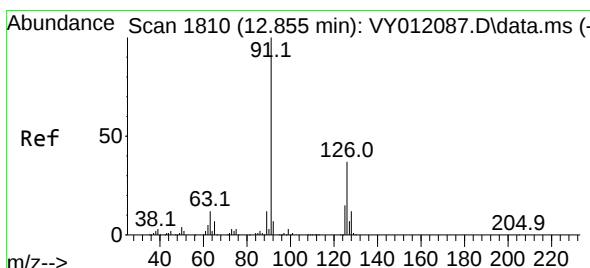
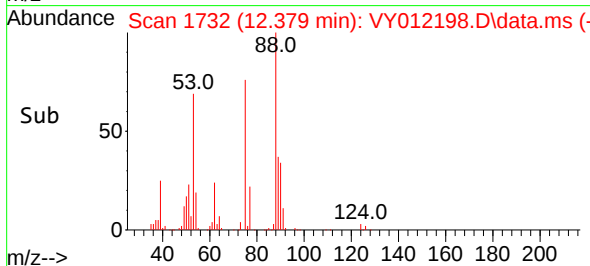
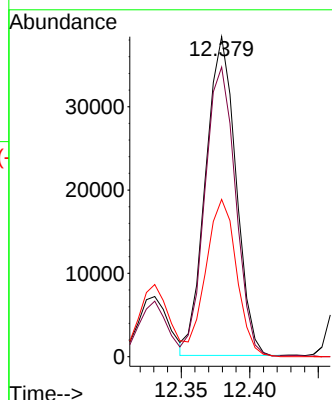
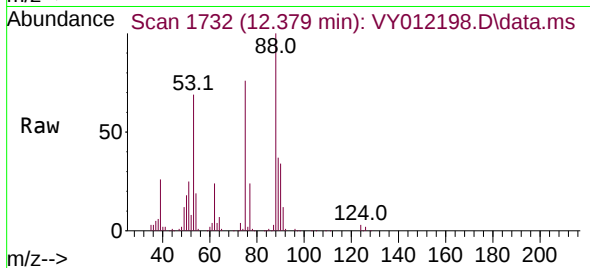




#81
trans-1,4-Dichloro-2-butene
Concen: 102.305 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.005 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

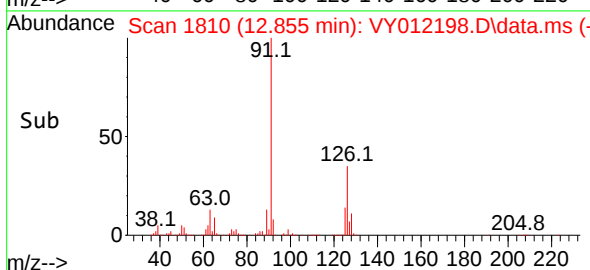
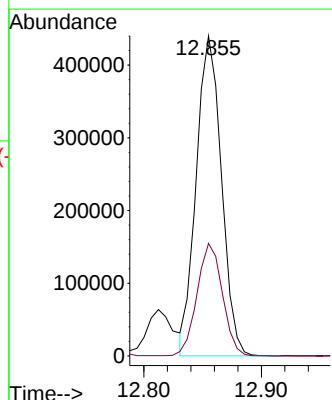
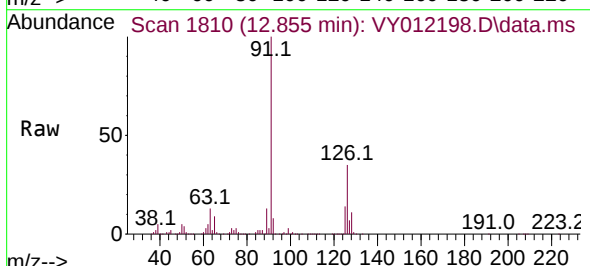
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

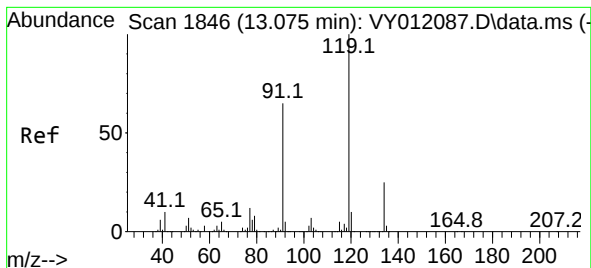
Tgt Ion: 75 Resp: 58824
Ion Ratio Lower Upper
75 100
53 91.7 72.5 108.7
89 49.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 101.326 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

Tgt Ion: 91 Resp: 654235
Ion Ratio Lower Upper
91 100
126 35.6 17.1 51.2





#83

tert-Butylbenzene

Concen: 103.302 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.001 min

Lab File: VY012198.D

Acq: 16 Jan 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

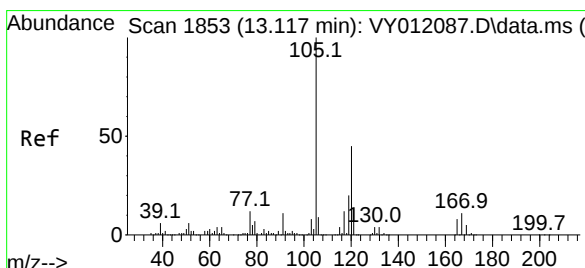
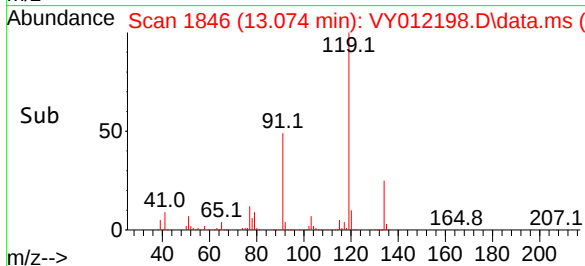
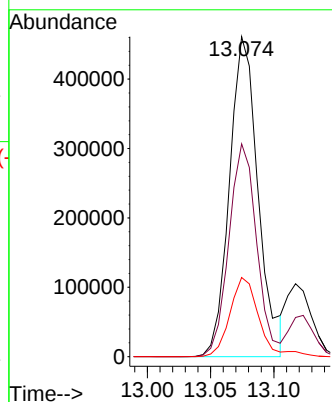
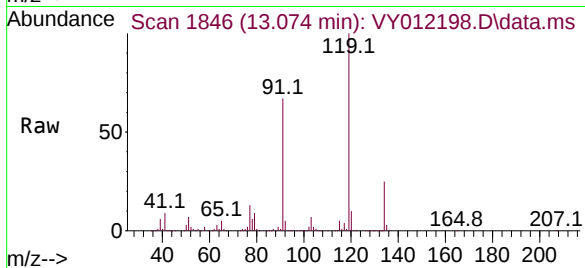
Tgt Ion:119 Resp: 727156

Ion Ratio Lower Upper

119 100

91 64.5 32.3 96.8

134 25.2 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 102.649 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY012198.D

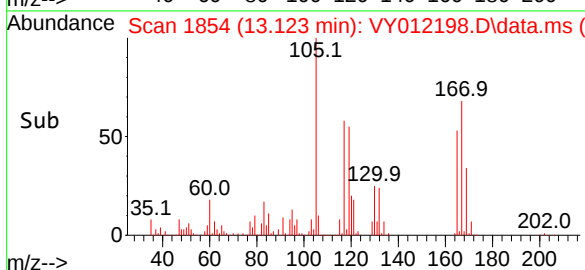
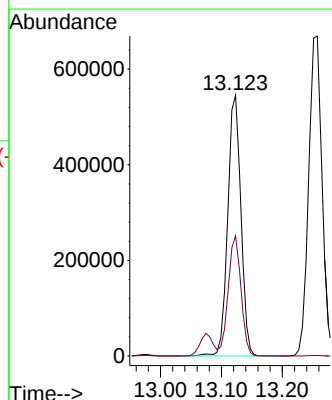
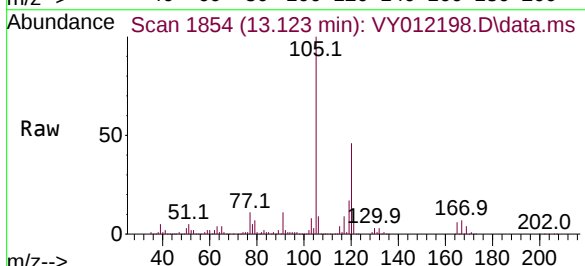
Acq: 16 Jan 2023 14:11

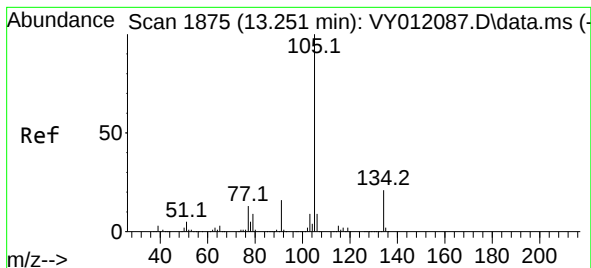
Tgt Ion:105 Resp: 817581

Ion Ratio Lower Upper

105 100

120 44.8 22.9 68.7





#85

sec-Butylbenzene

Concen: 101.605 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY012198.D

Acq: 16 Jan 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

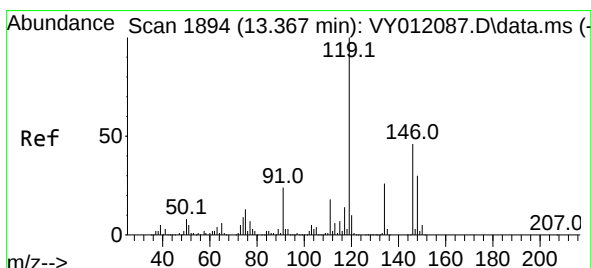
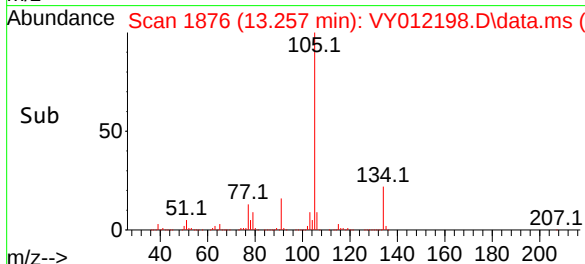
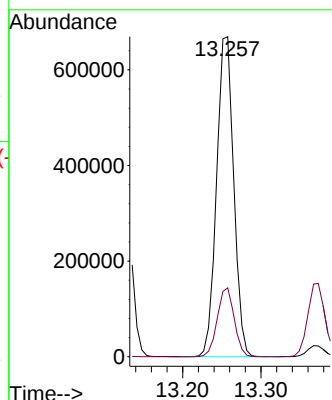
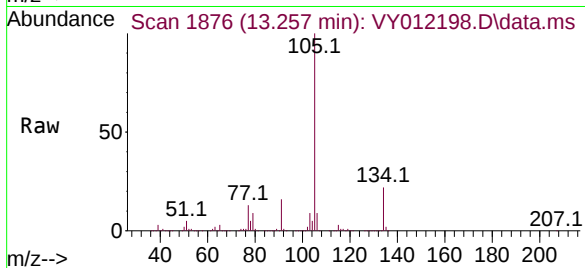
VSTDIC100

Tgt Ion:105 Resp: 1018287

Ion Ratio Lower Upper

105 100

134 21.2 10.1 30.3



#86

p-Isopropyltoluene

Concen: 101.727 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY012198.D

Acq: 16 Jan 2023 14:11

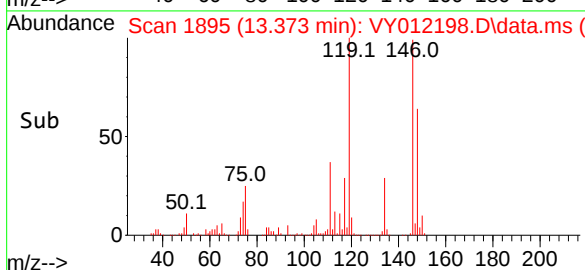
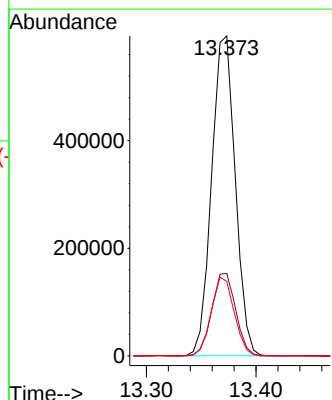
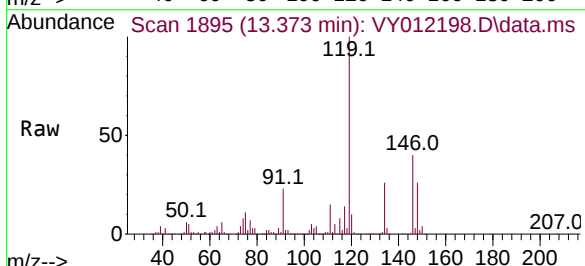
Tgt Ion:119 Resp: 890750

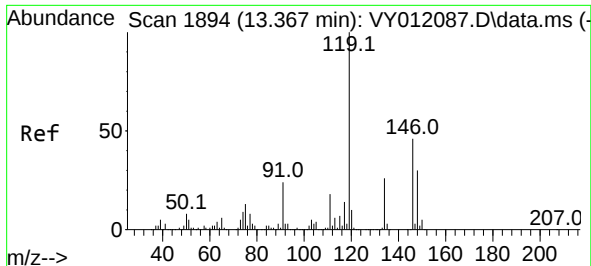
Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

91 24.0 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 99.969 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012198.D

Acq: 16 Jan 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

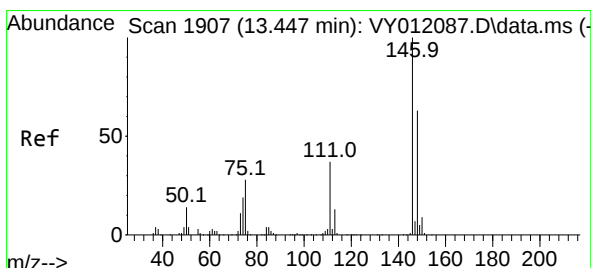
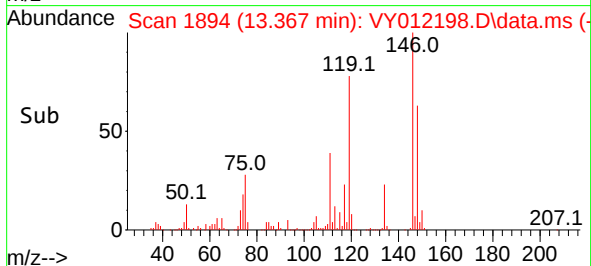
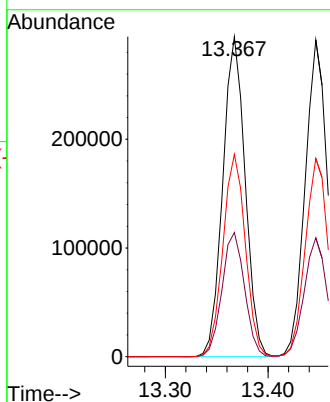
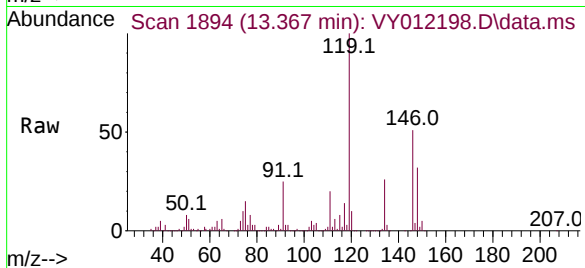
Tgt Ion:146 Resp: 444490

Ion Ratio Lower Upper

146 100

111 39.1 19.7 59.0

148 63.4 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 99.093 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VY012198.D

Acq: 16 Jan 2023 14:11

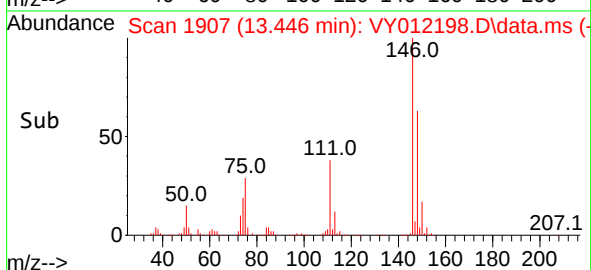
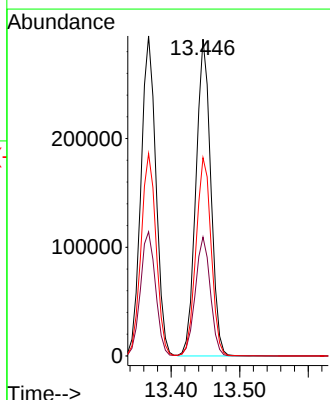
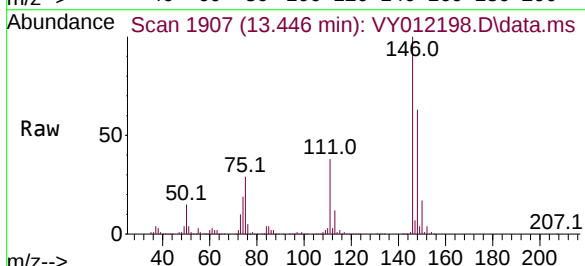
Tgt Ion:146 Resp: 439397

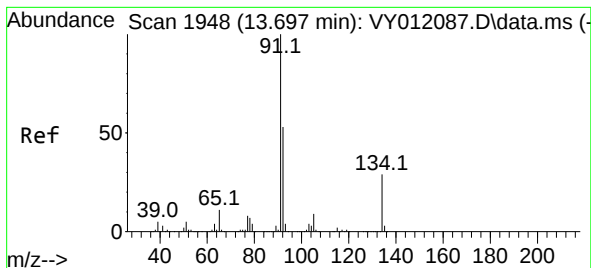
Ion Ratio Lower Upper

146 100

111 37.9 19.6 58.7

148 63.9 31.9 95.7





#89

n-Butylbenzene

Concen: 101.651 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY012198.D

Acq: 16 Jan 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

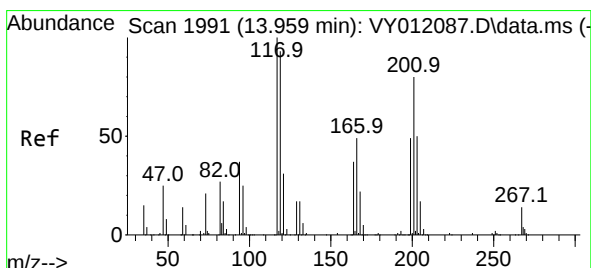
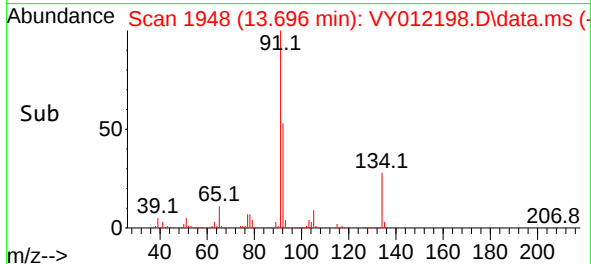
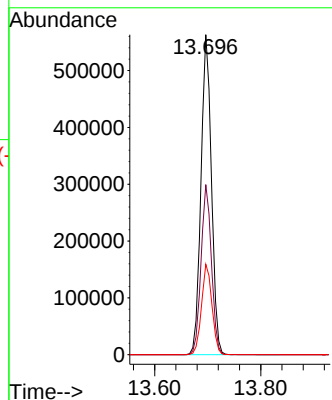
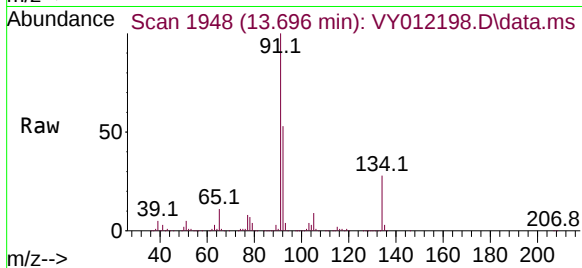
Tgt Ion: 91 Resp: 771352

Ion Ratio Lower Upper

91 100

92 53.0 26.8 80.4

134 28.3 13.3 39.8



#90

Hexachloroethane

Concen: 98.909 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY012198.D

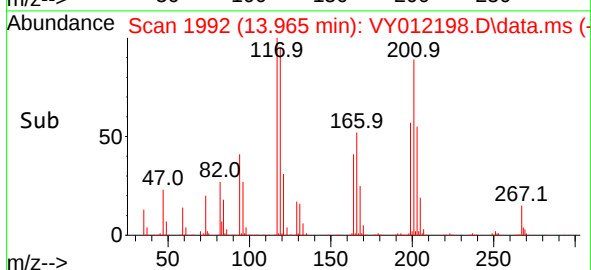
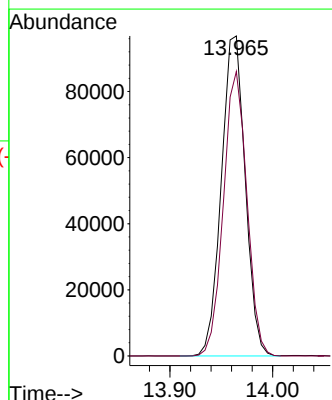
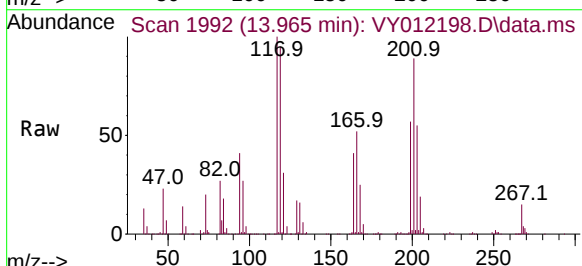
Acq: 16 Jan 2023 14:11

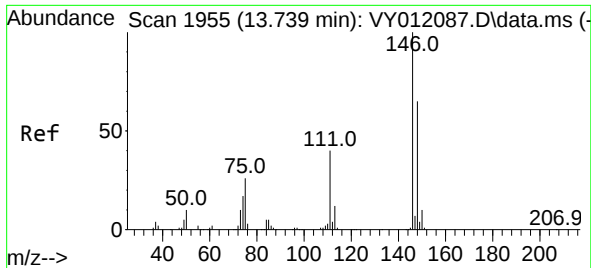
Tgt Ion: 117 Resp: 156350

Ion Ratio Lower Upper

117 100

201 87.1 40.3 120.8

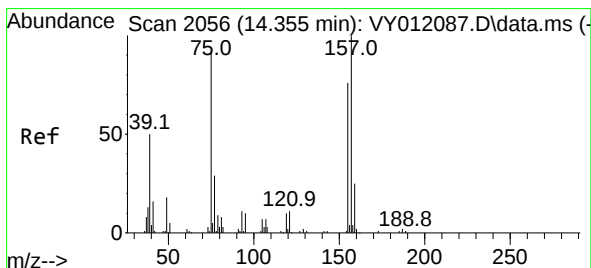
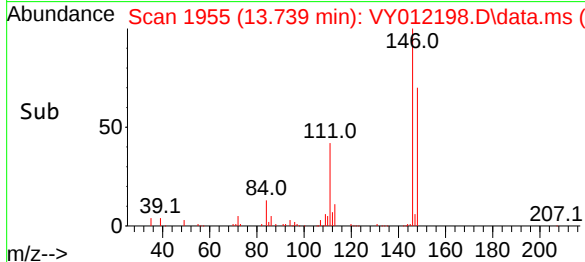
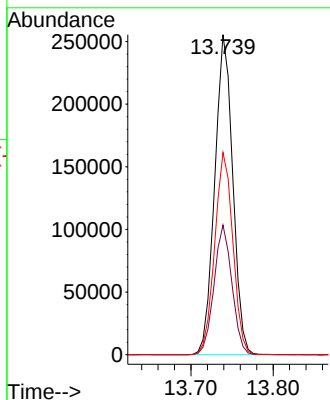
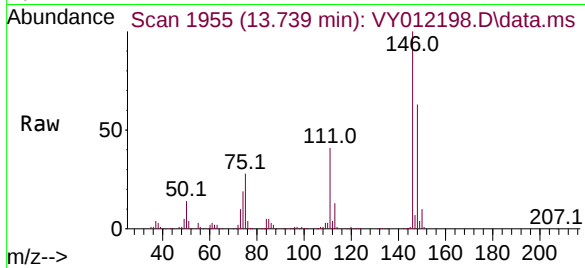




#91
1,2-Dichlorobenzene
Concen: 98.118 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

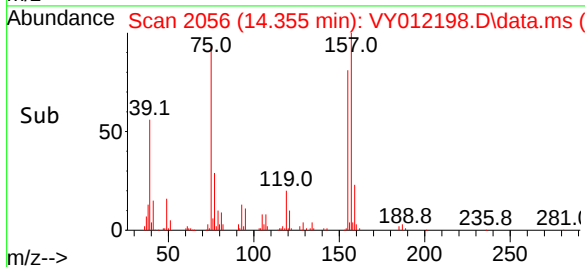
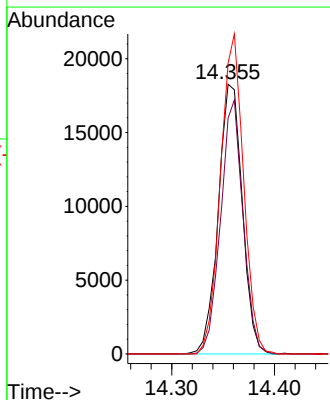
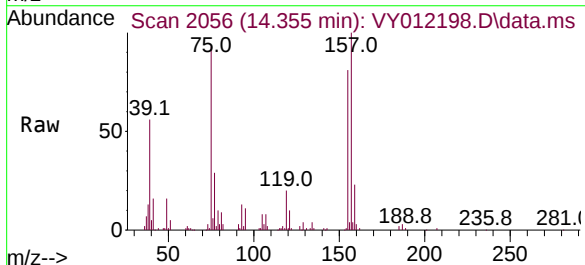
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

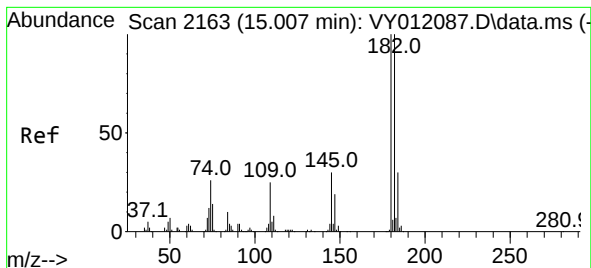
Tgt Ion:146 Resp: 389265
Ion Ratio Lower Upper
146 100
111 40.2 20.3 60.8
148 63.8 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 97.960 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY012198.D
Acq: 16 Jan 2023 14:11

Tgt Ion: 75 Resp: 29625
Ion Ratio Lower Upper
75 100
155 87.9 42.3 126.8
157 113.9 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 99.059 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012198.D

Acq: 16 Jan 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

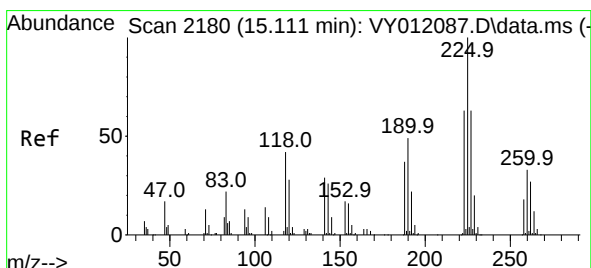
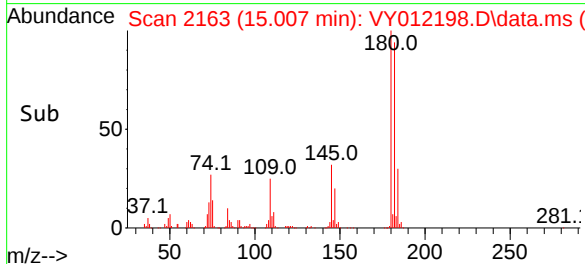
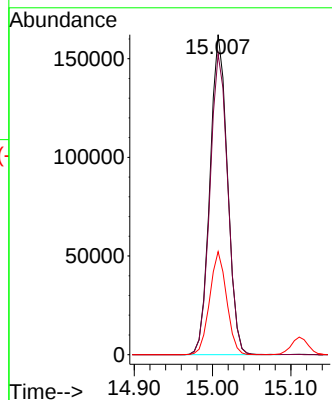
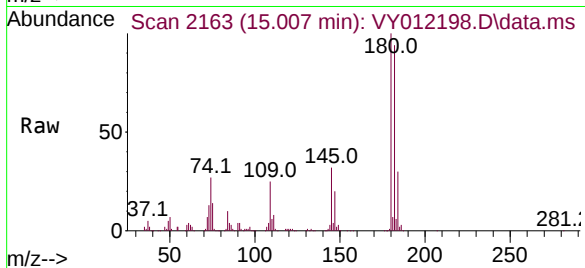
Tgt Ion:180 Resp: 251814

Ion Ratio Lower Upper

180 100

182 95.6 48.1 144.3

145 31.1 15.4 46.4



#94

Hexachlorobutadiene

Concen: 96.267 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012198.D

Acq: 16 Jan 2023 14:11

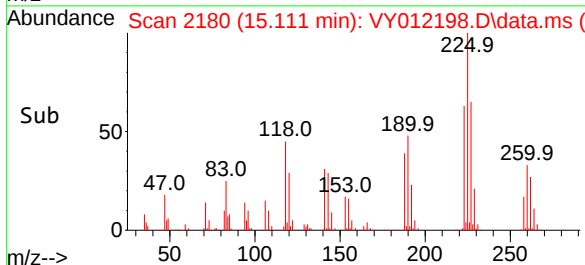
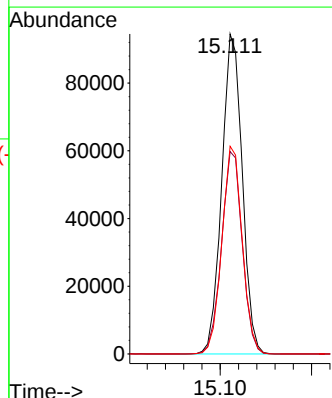
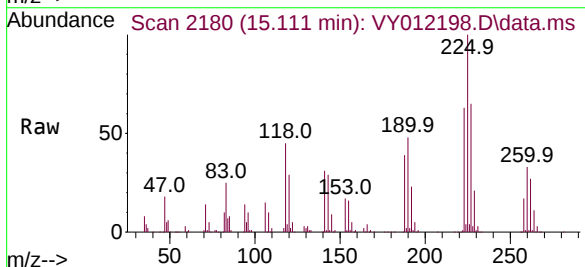
Tgt Ion:225 Resp: 147339

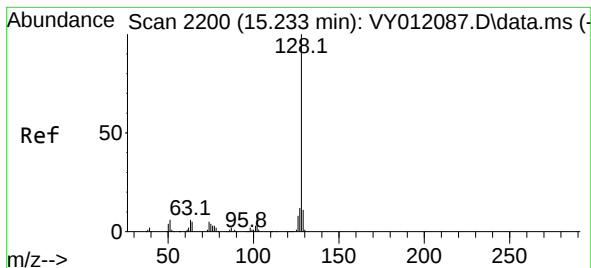
Ion Ratio Lower Upper

225 100

223 63.8 31.4 94.2

227 64.3 32.6 97.8





#95

Naphthalene

Concen: 101.483 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY012198.D

Acq: 16 Jan 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

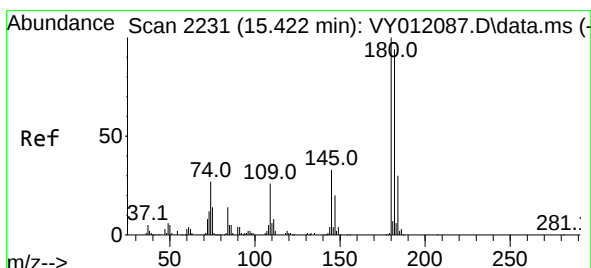
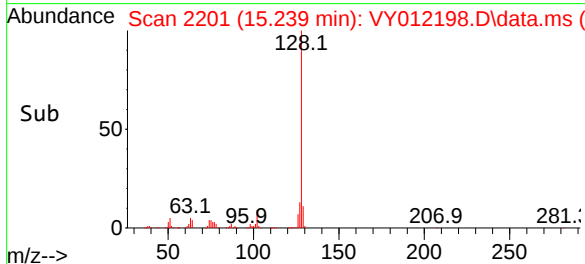
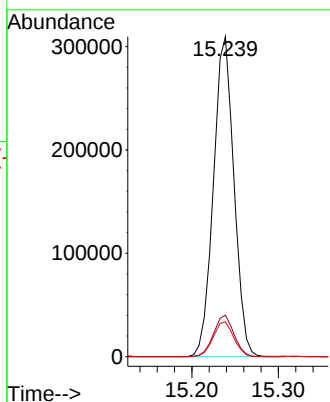
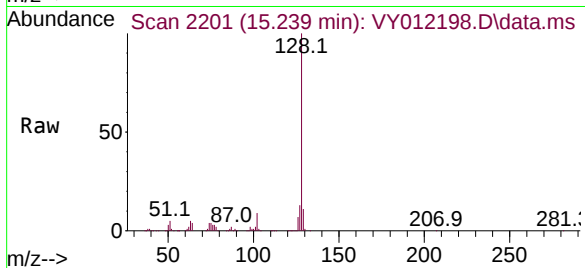
Tgt Ion:128 Resp: 509187

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 98.558 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY012198.D

Acq: 16 Jan 2023 14:11

Tgt Ion:180 Resp: 215596

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.7

145 32.9 16.1 48.2

