

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011240.D
 Acq On : 01 Nov 2022 23:38
 Operator : KP/MD
 Sample : N5336-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-0-2.0

Quant Time: Nov 02 01:45:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

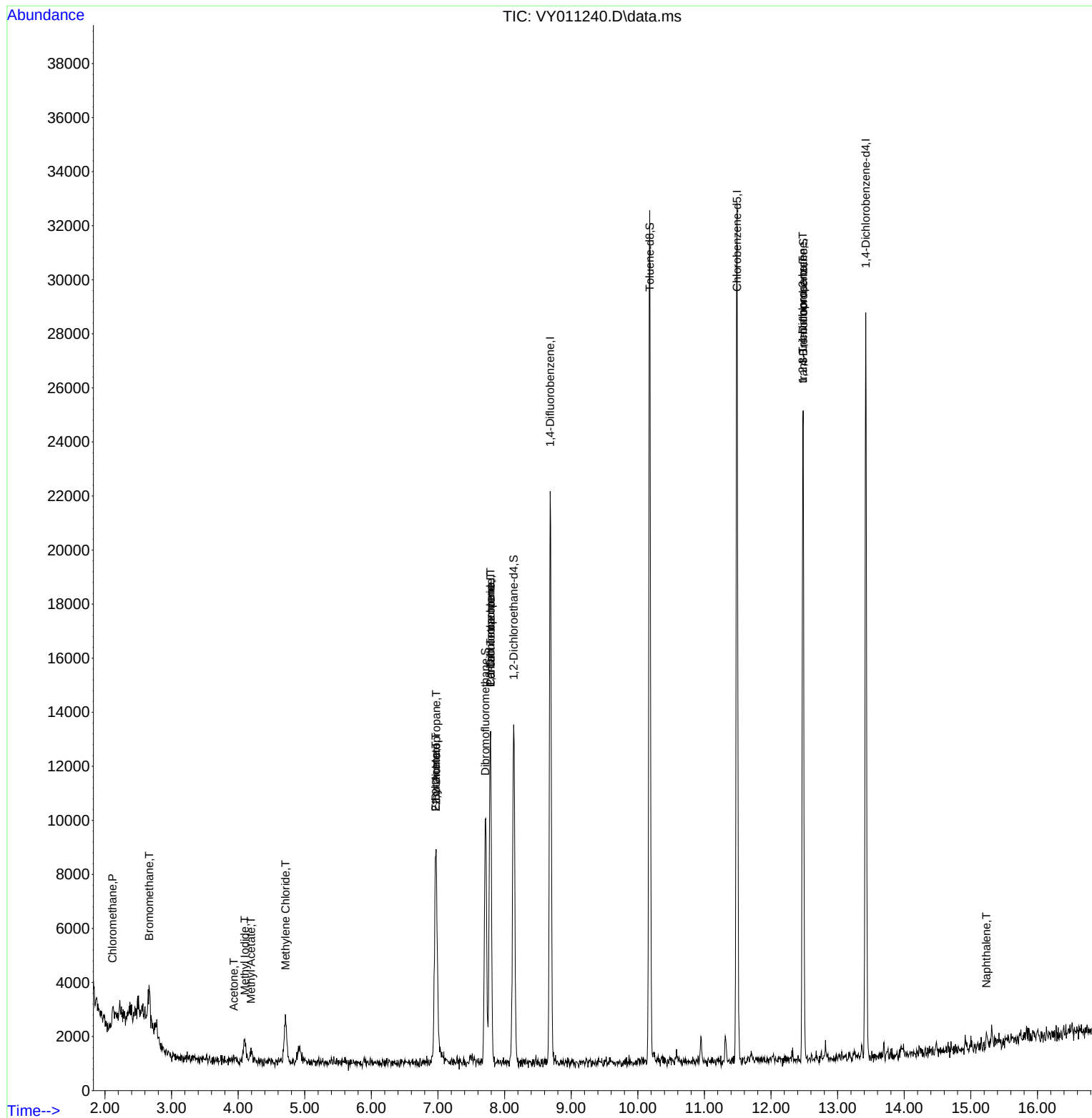
Internal Standards						
1) Pentafluorobenzene	7.789	168	10654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	19160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	18914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	7635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	9646	84.655	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 169.300%#			
35) Dibromofluoromethane	7.710	113	6787	55.133	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.260%			
50) Toluene-d8	10.179	98	22198	46.444	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.880%			
62) 4-Bromofluorobenzene	12.483	95	8111	48.883	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.760%			
Target Compounds						Qvalue
3) Chloromethane	2.113	50	404	3.420	ug/l #	44
5) Bromomethane	2.662	94	623	7.076	ug/l #	78
10) Methyl Iodide	4.101	142	1448	9.597	ug/l #	83
11) Tert butyl alcohol	4.905	59	300	Below Cal	#	77
16) Acetone	3.936	43	352	10.234	ug/l	99
18) Methyl Acetate	4.192	43	143	1.570	ug/l #	56
20) Methylene Chloride	4.710	84	1325	4.882	ug/l #	78
25) 2-Butanone	6.966	43	460	9.505	ug/l #	54
26) 2,2-Dichloropropane	6.972	77	703	3.373	ug/l #	55
36) 1,1-Dichloropropene	7.789	75	829	4.124	ug/l #	42
37) Ethyl Acetate	6.966	43	460	4.245	ug/l #	1
38) Carbon Tetrachloride	7.789	117	1037	4.972	ug/l #	11
76) 1,2,3-Trichloropropane	12.477	75	3708	39.893	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	3708	85.375	ug/l #	7
95) Naphthalene	15.233	128	301	4.784	ug/l #	69

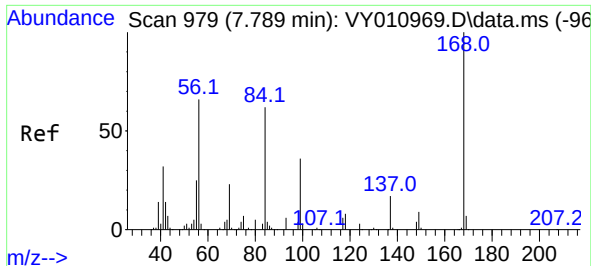
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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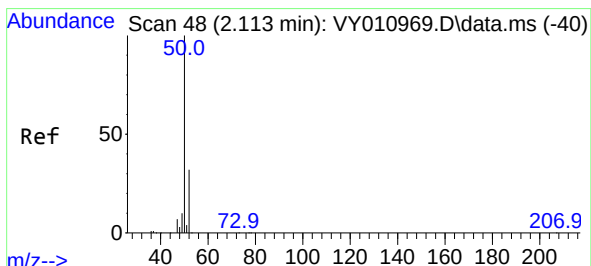
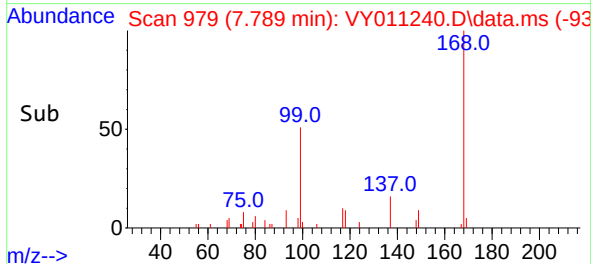
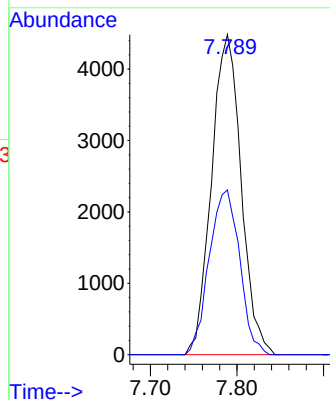
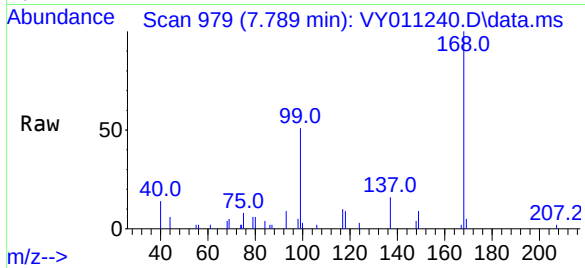




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011240.D
Acq: 01 Nov 2022 23:38

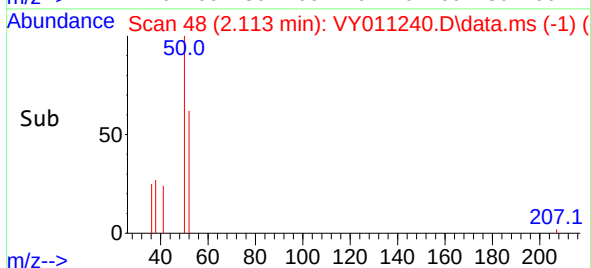
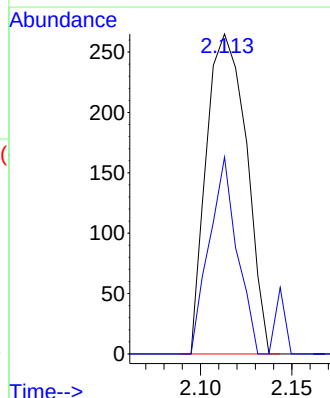
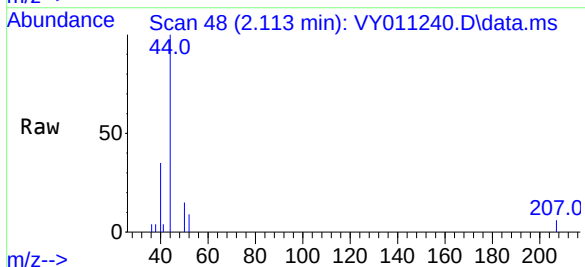
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

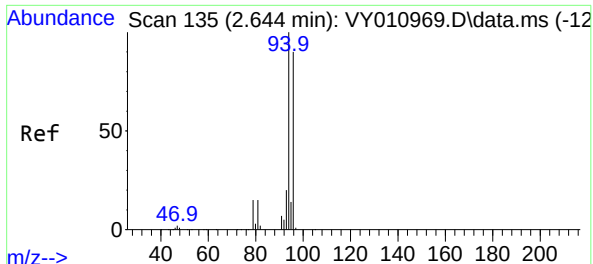
Tgt Ion:168 Resp: 10654
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#3
Chloromethane
Concen: 3.420 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011240.D
Acq: 01 Nov 2022 23:38

Tgt Ion: 50 Resp: 404
Ion Ratio Lower Upper
50 100
52 61.5 24.6 37.0#

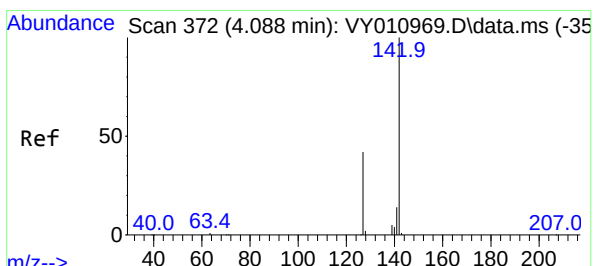
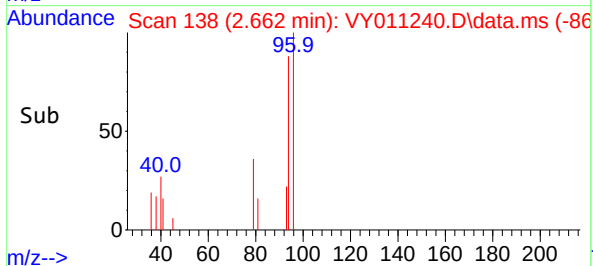
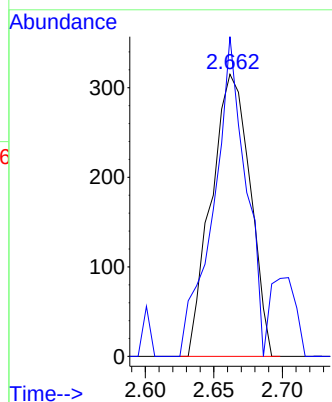
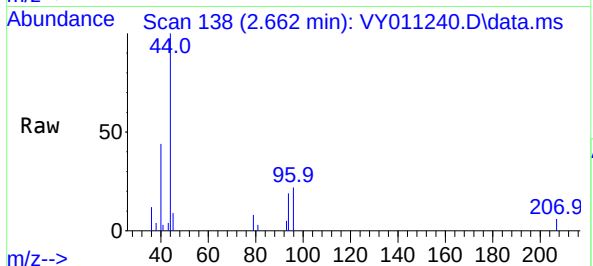




#5
Bromomethane
Concen: 7.076 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY011240.D
Acq: 01 Nov 2022 23:38

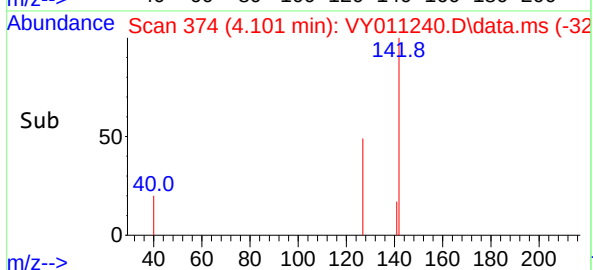
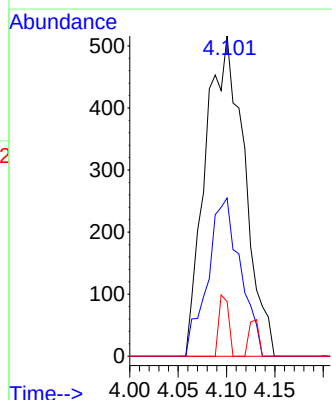
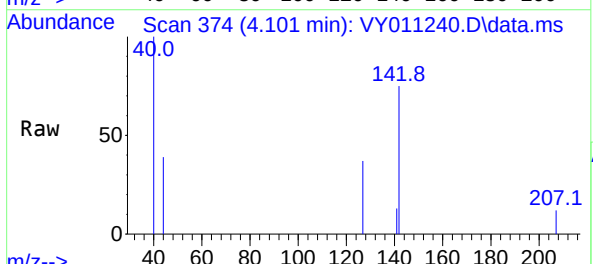
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

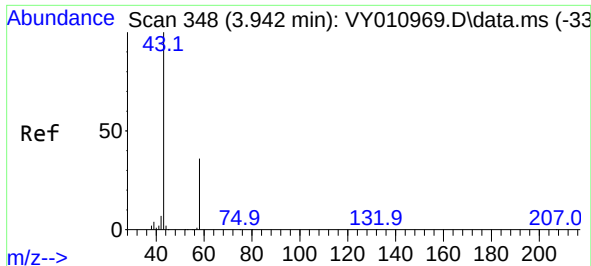
Tgt Ion: 94 Resp: 623
Ion Ratio Lower Upper
94 100
96 113.3 73.5 110.3#



#10
Methyl Iodide
Concen: 9.597 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.013 min
Lab File: VY011240.D
Acq: 01 Nov 2022 23:38

Tgt Ion:142 Resp: 1448
Ion Ratio Lower Upper
142 100
127 41.4 41.5 62.3#
141 4.7 11.9 17.9#

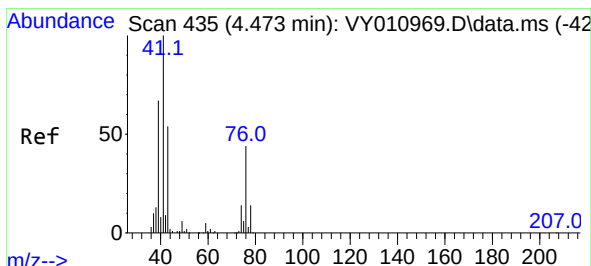
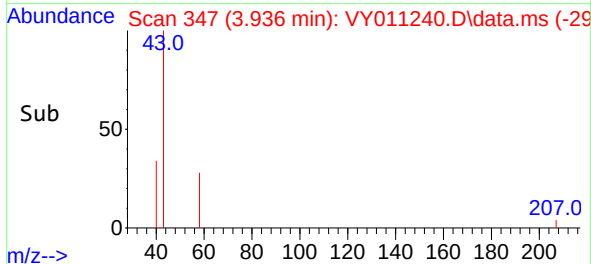
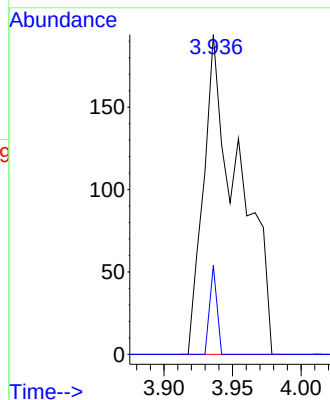
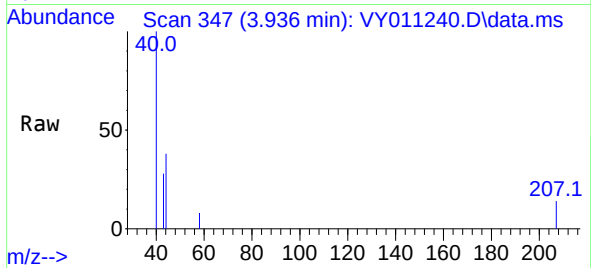




#16
Acetone
Concen: 10.234 ug/l
RT: 3.936 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY011240.D
Acq: 01 Nov 2022 23:38

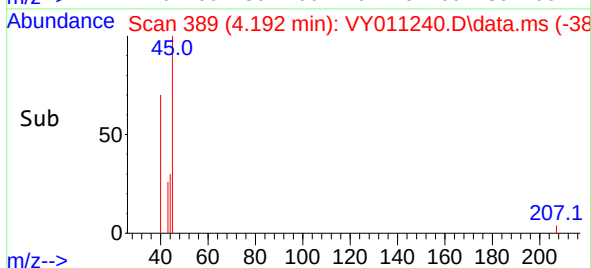
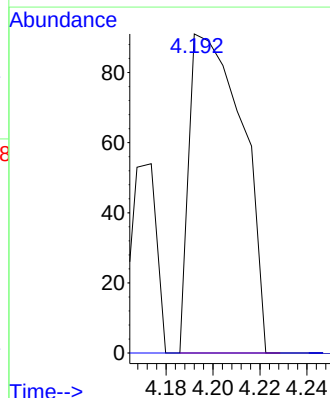
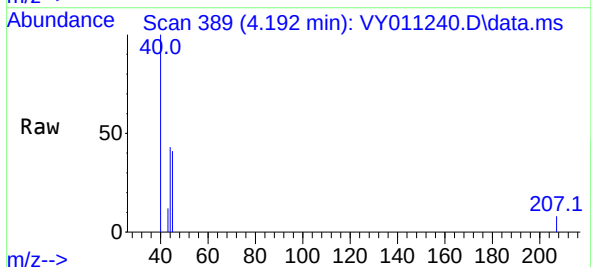
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

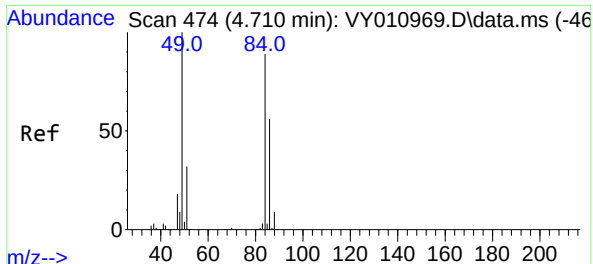
Tgt Ion: 43 Resp: 352
Ion Ratio Lower Upper
43 100
58 27.8 22.0 33.0



#18
Methyl Acetate
Concen: 1.570 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.281 min
Lab File: VY011240.D
Acq: 01 Nov 2022 23:38

Tgt Ion: 43 Resp: 143
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



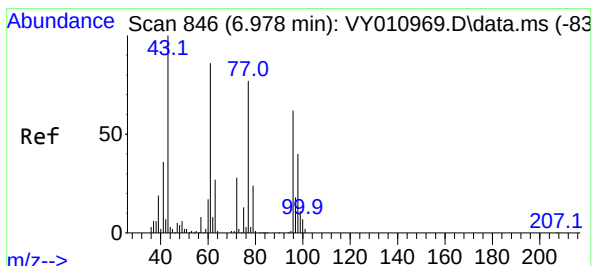
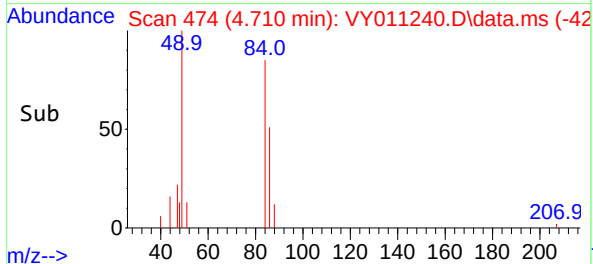
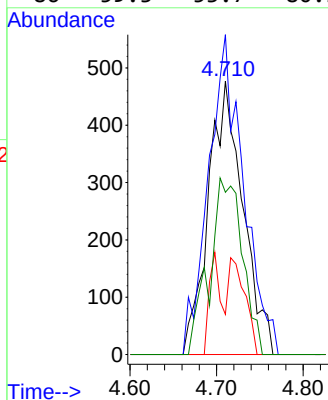
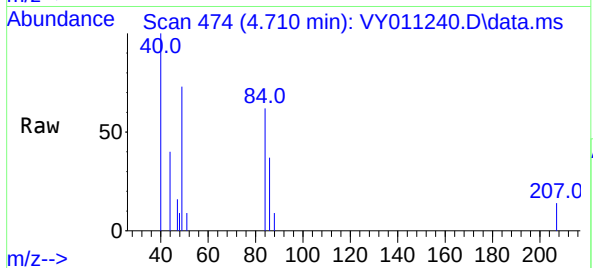


#20
Methylene Chloride
Concen: 4.882 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011240.D
Acq: 01 Nov 2022 23:38

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

Tgt Ion: 84 Resp: 1325

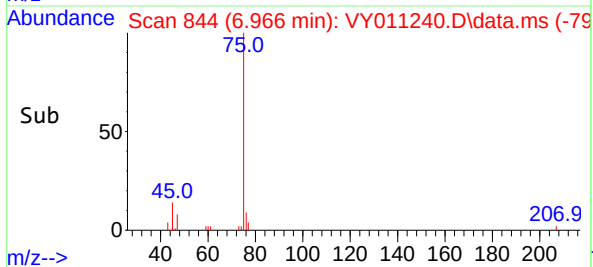
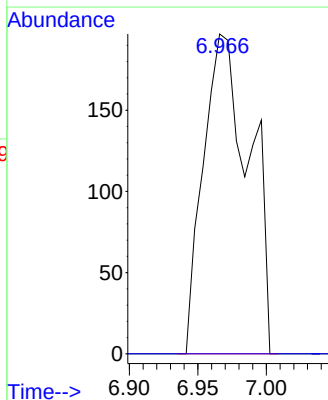
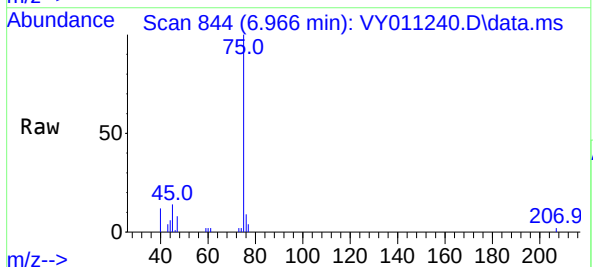
Ion	Ratio	Lower	Upper
84	100		
49	117.0	114.4	171.6
51	14.7	35.3	52.9#
86	59.3	53.7	80.5

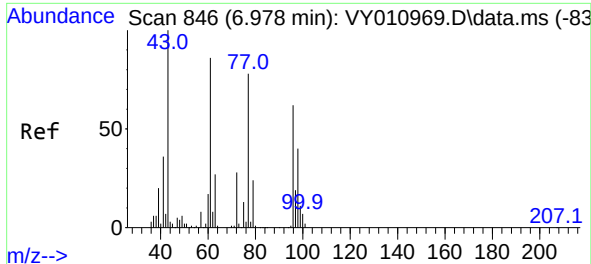


#25
2-Butanone
Concen: 9.505 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY011240.D
Acq: 01 Nov 2022 23:38

Tgt Ion: 43 Resp: 460

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#

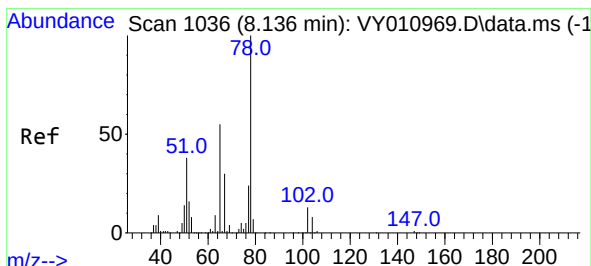
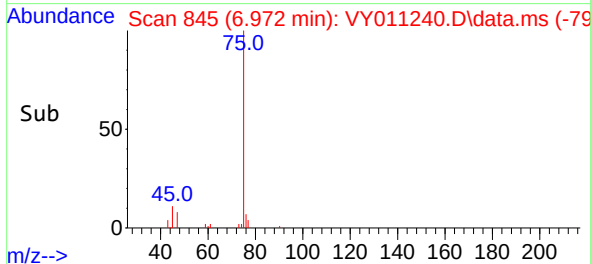
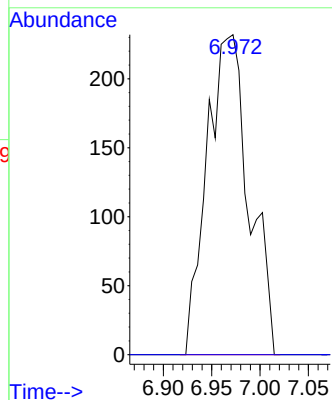
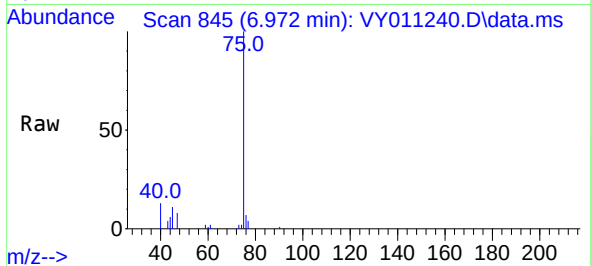




#26
2,2-Dichloropropane
Concen: 3.373 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY011240.D
Acq: 01 Nov 2022 23:38

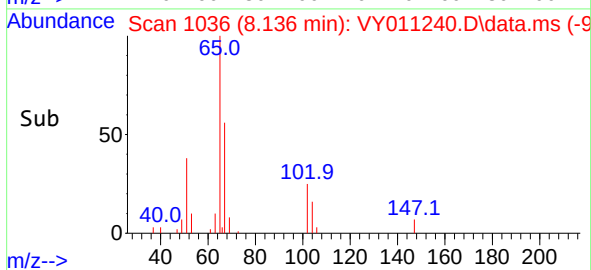
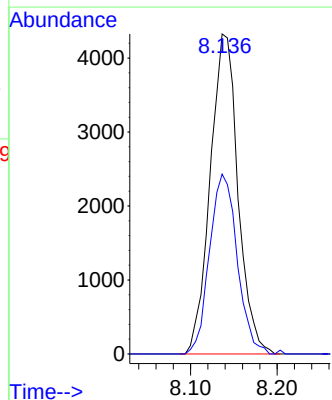
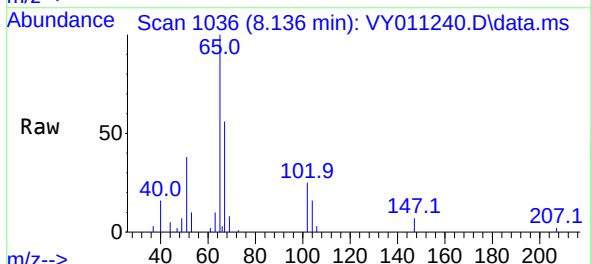
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

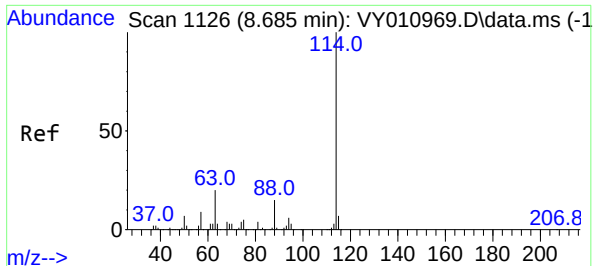
Tgt Ion: 77 Resp: 703
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#33
1,2-Dichloroethane-d4
Concen: 84.655 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011240.D
Acq: 01 Nov 2022 23:38

Tgt Ion: 65 Resp: 9646
Ion Ratio Lower Upper
65 100
67 55.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011240.D

Acq: 01 Nov 2022 23:38

Instrument :

MSVOA_Y

ClientSampleId :

SB-01-0-2.0

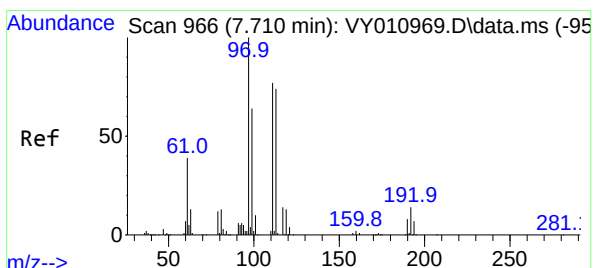
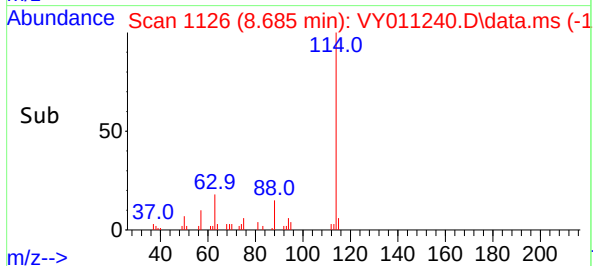
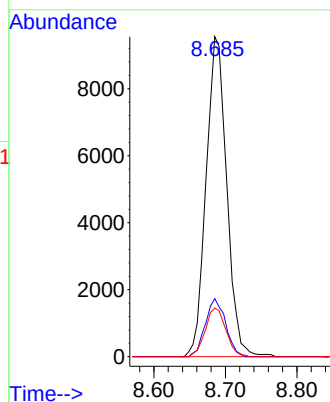
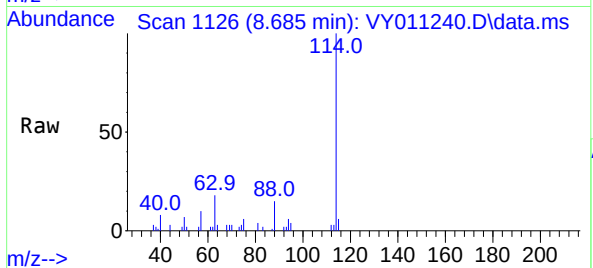
Tgt Ion:114 Resp: 19160

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.133 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY011240.D

Acq: 01 Nov 2022 23:38

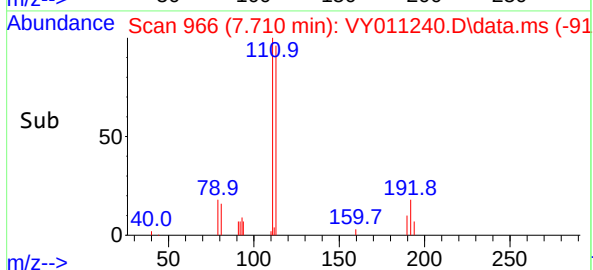
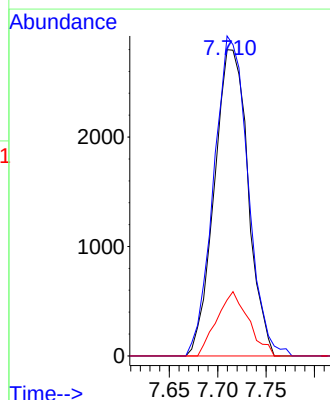
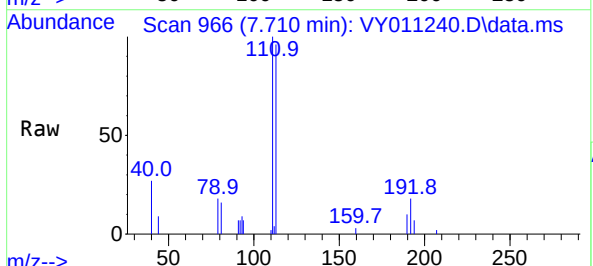
Tgt Ion:113 Resp: 6787

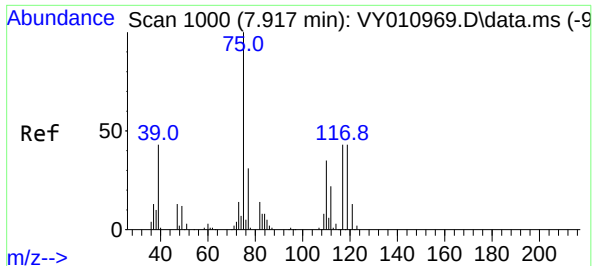
Ion Ratio Lower Upper

113 100

111 105.7 82.6 124.0

192 19.7 17.6 26.4

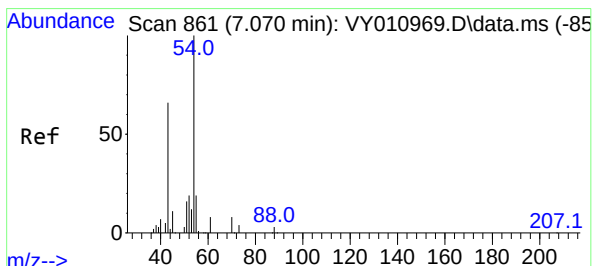
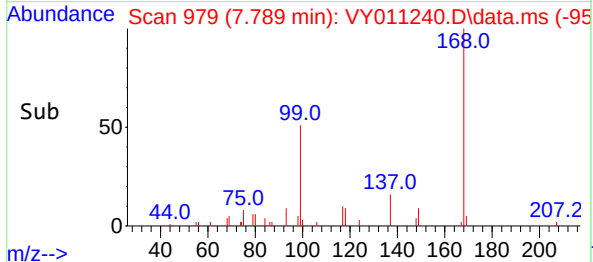
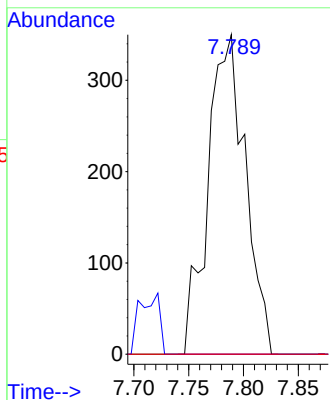
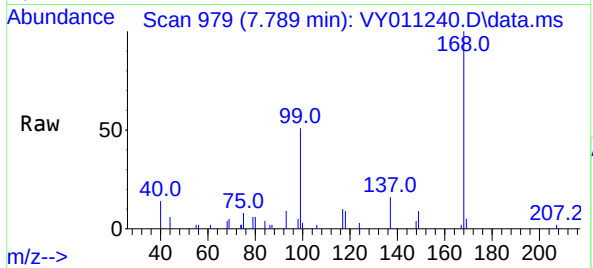




#36
1,1-Dichloropropene
Concen: 4.124 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY011240.D
Acq: 01 Nov 2022 23:38

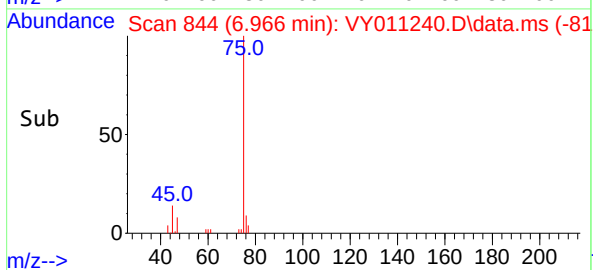
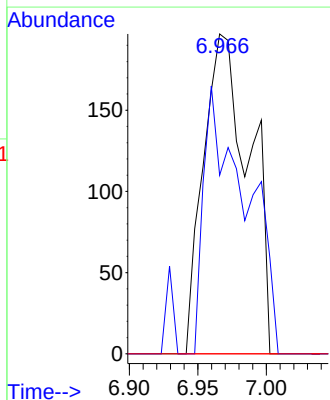
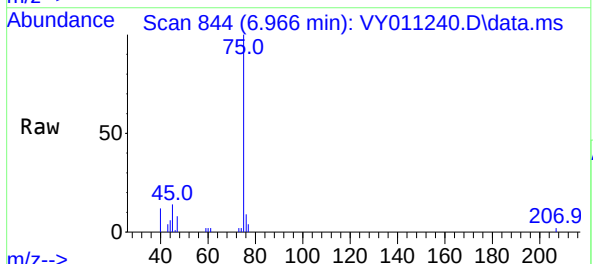
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

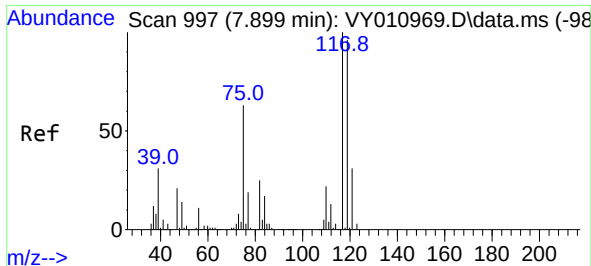
Tgt Ion: 75 Resp: 829
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 4.245 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.104 min
Lab File: VY011240.D
Acq: 01 Nov 2022 23:38

Tgt Ion: 43 Resp: 460
Ion Ratio Lower Upper
43 100
61 76.7 9.7 14.5#
70 0.0 7.1 10.7#

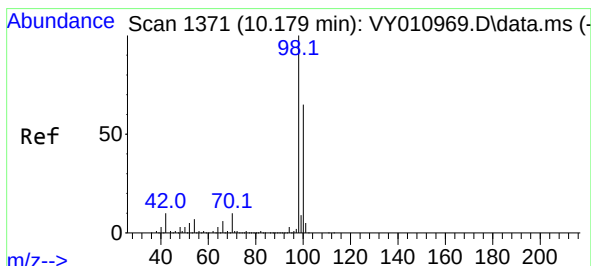
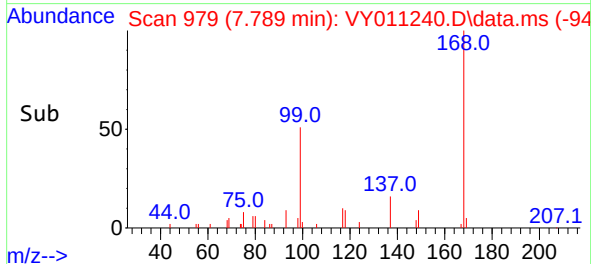
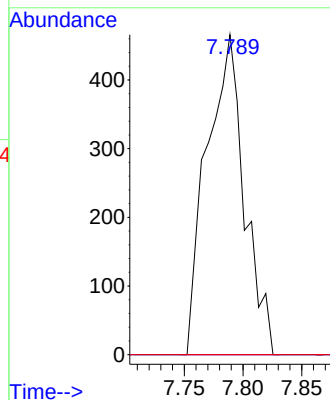
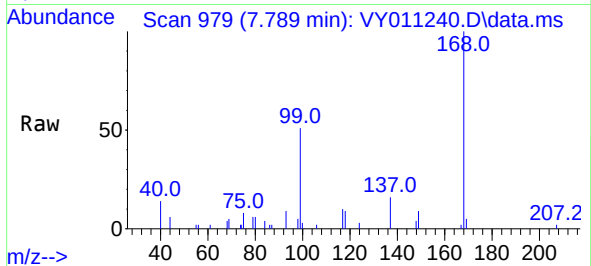




#38
Carbon Tetrachloride
Concen: 4.972 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011240.D
Acq: 01 Nov 2022 23:38

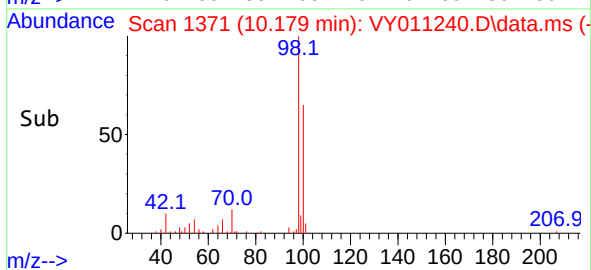
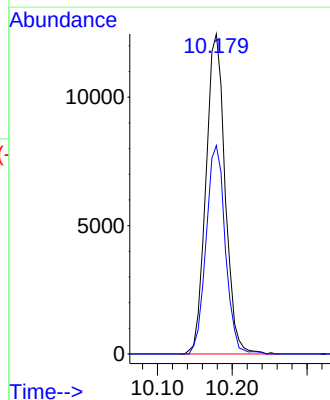
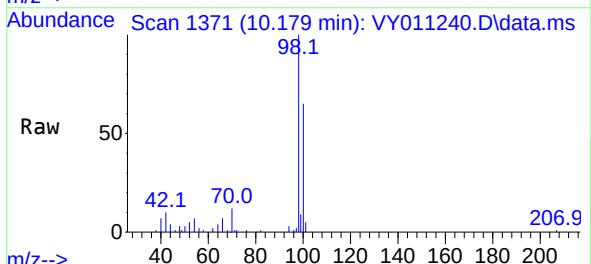
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

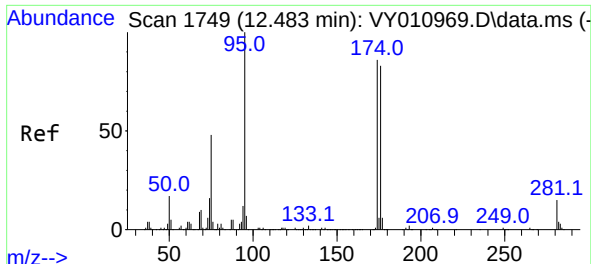
Tgt Ion:117 Resp: 1037
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 46.444 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011240.D
Acq: 01 Nov 2022 23:38

Tgt Ion: 98 Resp: 22198
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

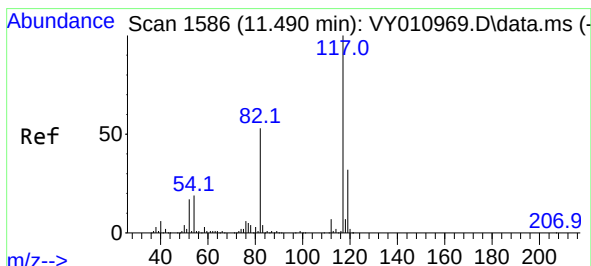
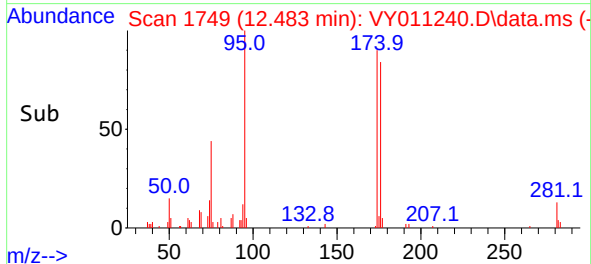
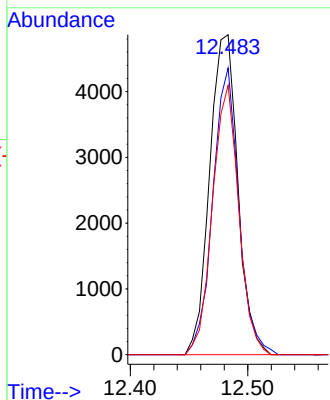
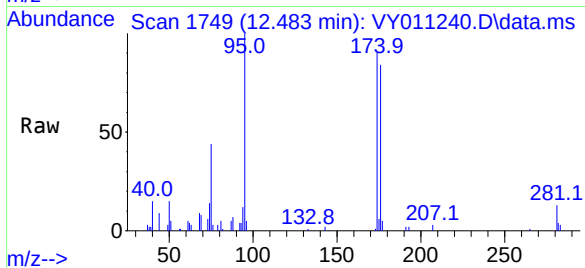




#62
4-Bromofluorobenzene
Concen: 48.883 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011240.D
Acq: 01 Nov 2022 23:38

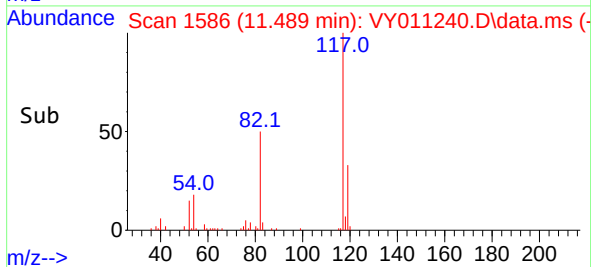
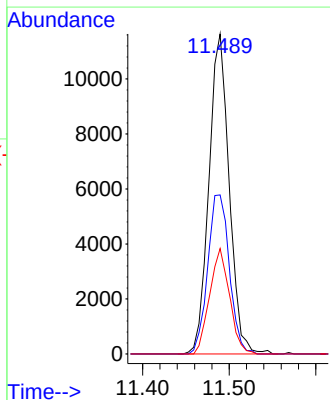
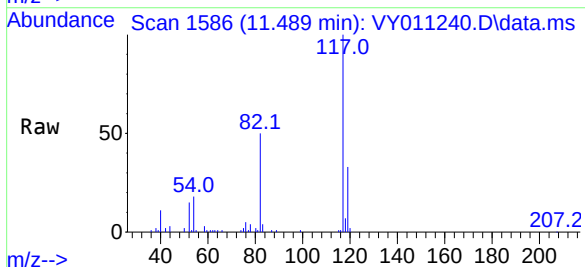
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

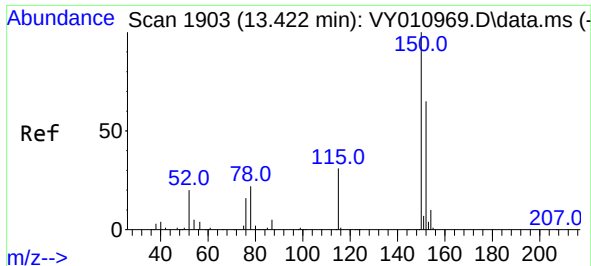
Tgt Ion: 95 Resp: 8111
Ion Ratio Lower Upper
95 100
174 82.7 0.0 177.0
176 78.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011240.D
Acq: 01 Nov 2022 23:38

Tgt Ion: 117 Resp: 18914
Ion Ratio Lower Upper
117 100
82 49.7 43.0 64.4
119 33.0 25.4 38.0

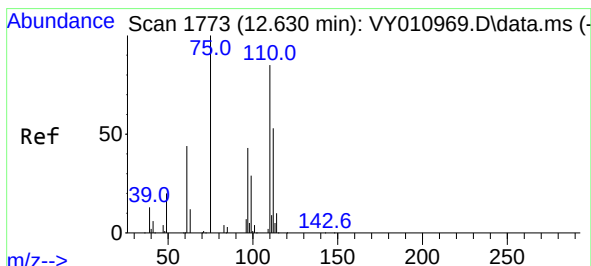
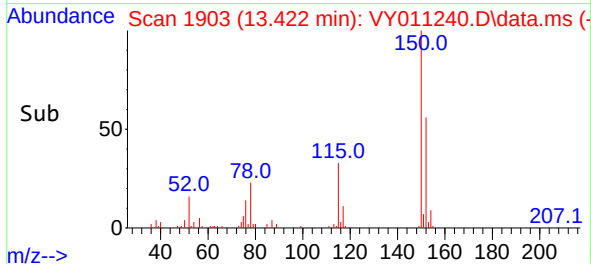
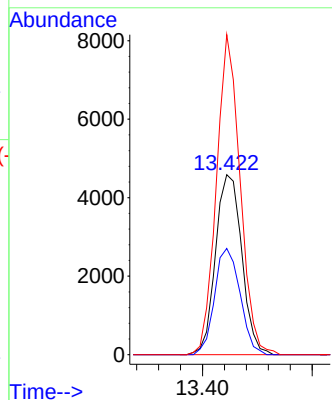
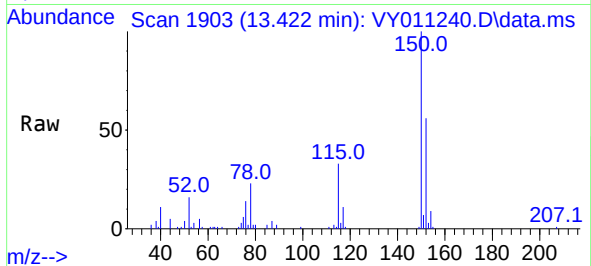




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011240.D
Acq: 01 Nov 2022 23:38

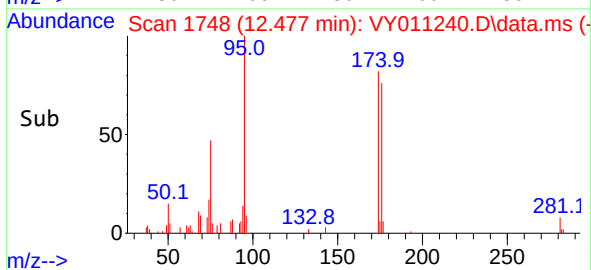
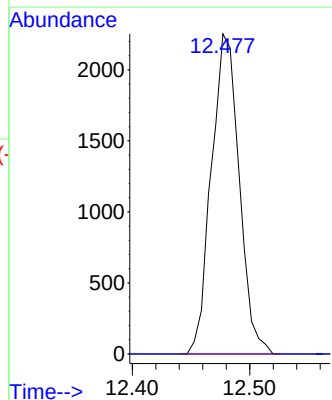
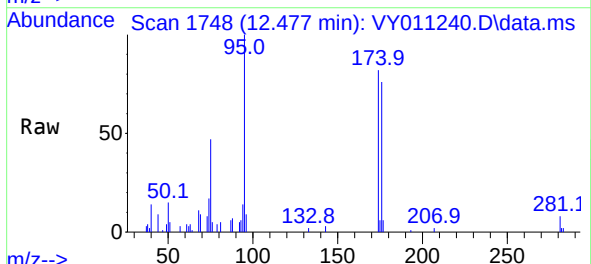
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

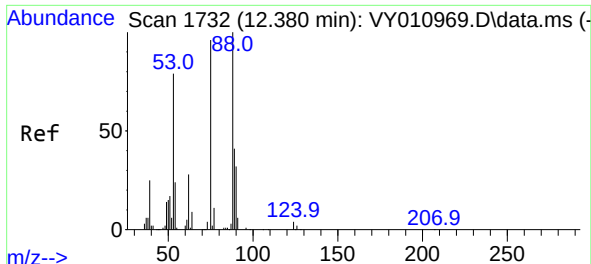
Tgt Ion:152 Resp: 7635
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 160.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 39.893 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011240.D
Acq: 01 Nov 2022 23:38

Tgt Ion: 75 Resp: 3708
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

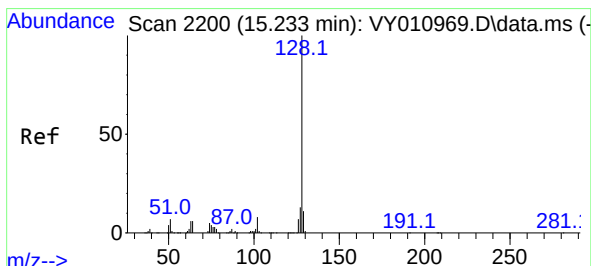
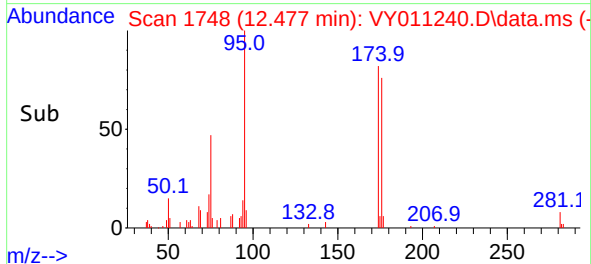
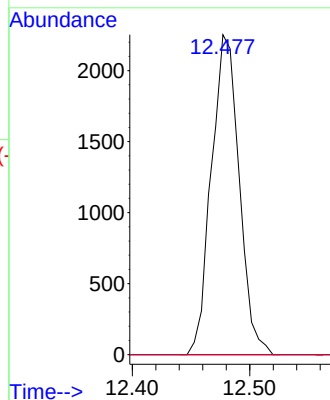
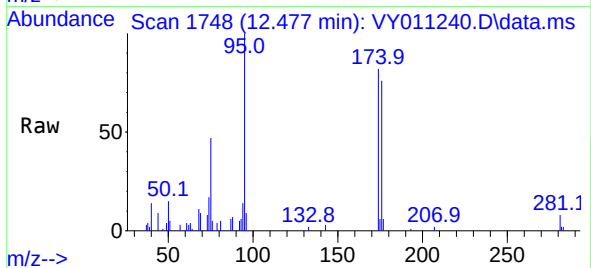




#81
trans-1,4-Dichloro-2-butene
Concen: 85.375 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011240.D
Acq: 01 Nov 2022 23:38

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

Tgt Ion: 75 Resp: 3708
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.784 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011240.D
Acq: 01 Nov 2022 23:38

Tgt Ion: 128 Resp: 301
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

