

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011272.D
 Acq On : 02 Nov 2022 18:50
 Operator : KP/MD
 Sample : N5336-05
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-0-2.0RE

Quant Time: Nov 03 05:20:03 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)

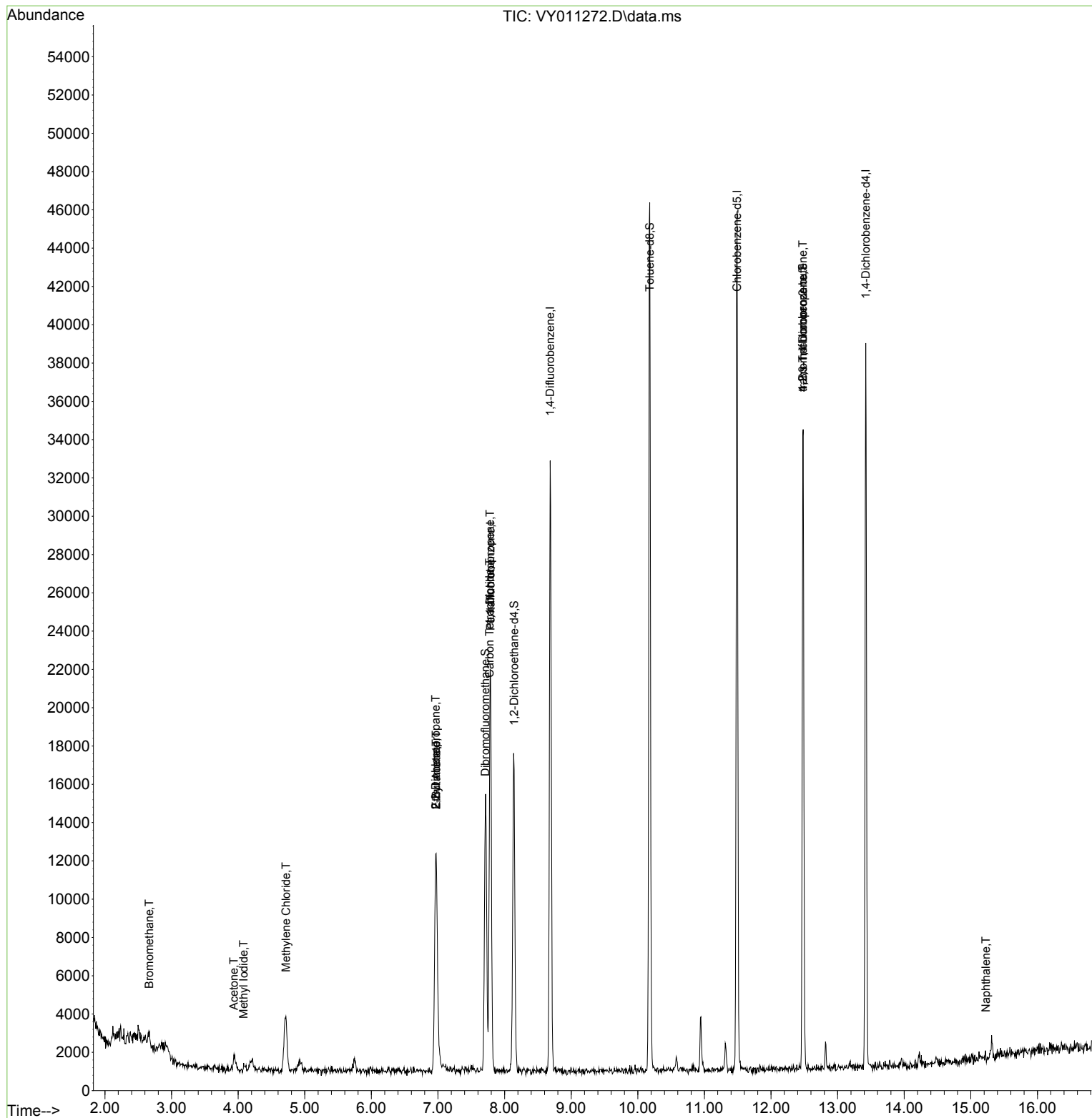
Internal Standards						
1) Pentafluorobenzene	7.789	168	17319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	28097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	26677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	10541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	12466	67.301	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.600%	
35) Dibromofluoromethane	7.710	113	10772	59.671	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.340%	
50) Toluene-d8	10.179	98	32868	46.894	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.780%	
62) 4-Bromofluorobenzene	12.477	95	10814	44.443	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.880%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	267	1.866	ug/l #	61
10) Methyl Iodide	4.082	142	368	1.500	ug/l #	57
11) Tert butyl alcohol	4.930	59	692	Below Cal	#	77
16) Acetone	3.936	43	1190	21.283	ug/l #	88
20) Methylene Chloride	4.716	84	2588	6.992	ug/l #	81
25) 2-Butanone	6.972	43	676	8.593	ug/l #	54
26) 2,2-Dichloropropane	6.966	77	927	2.736	ug/l #	55
36) 1,1-Dichloropropene	7.783	75	1392	4.722	ug/l #	42
37) Ethyl Acetate	6.972	43	676	4.254	ug/l #	1
38) Carbon Tetrachloride	7.777	117	1766	5.774	ug/l #	11
76) 1,2,3-Trichloropropane	12.477	75	5035	39.235	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	5035	83.969	ug/l #	7
95) Naphthalene	15.227	128	66	4.098	ug/l #	69

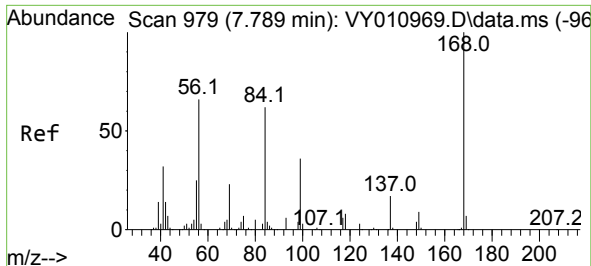
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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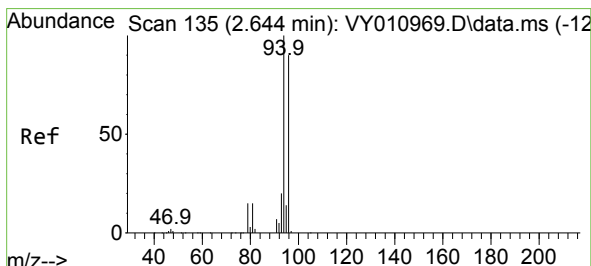
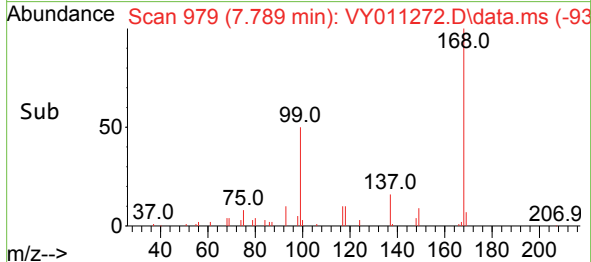
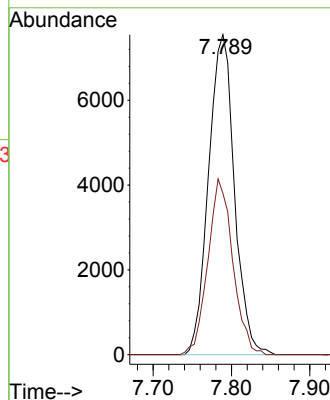
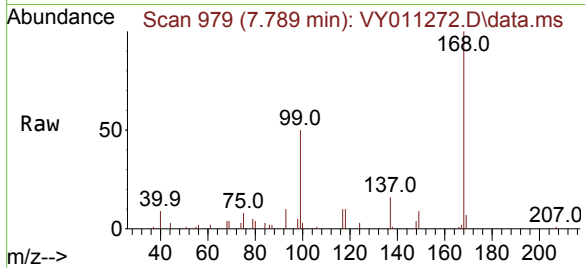




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011272.D
Acq: 02 Nov 2022 18:50

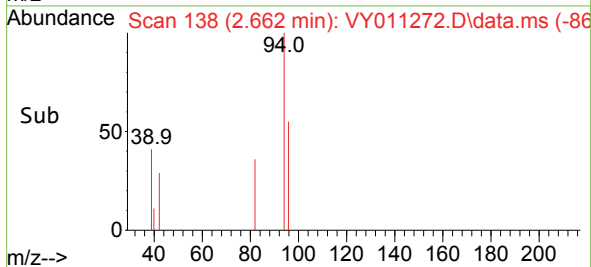
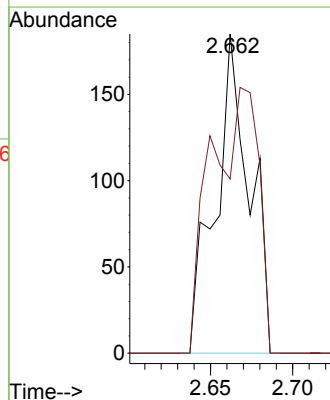
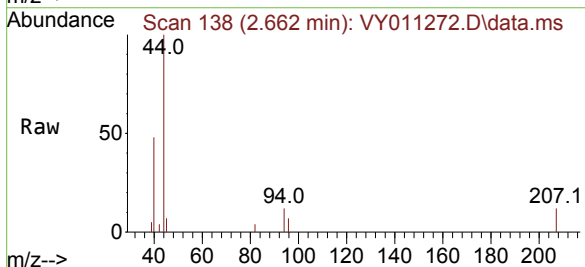
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0RE

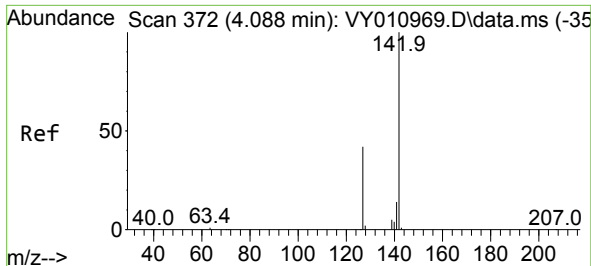
Tgt Ion:168 Resp: 17319
Ion Ratio Lower Upper
168 100
99 50.4 46.9 70.3



#5
Bromomethane
Concen: 1.866 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.018 min
Lab File: VY011272.D
Acq: 02 Nov 2022 18:50

Tgt Ion: 94 Resp: 267
Ion Ratio Lower Upper
94 100
96 54.6 73.5 110.3#

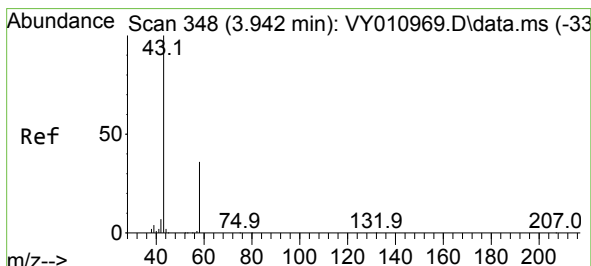
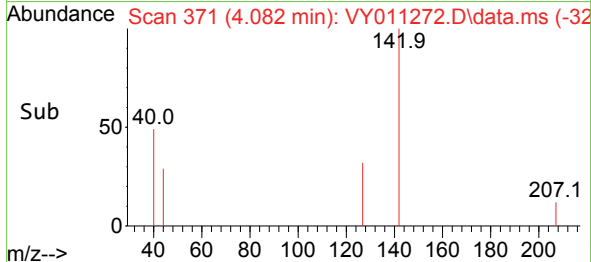
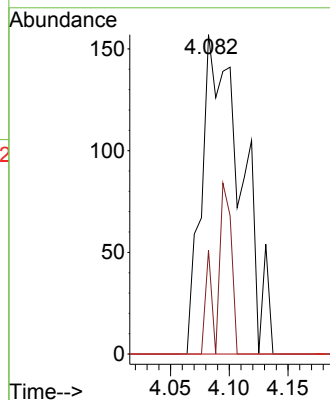
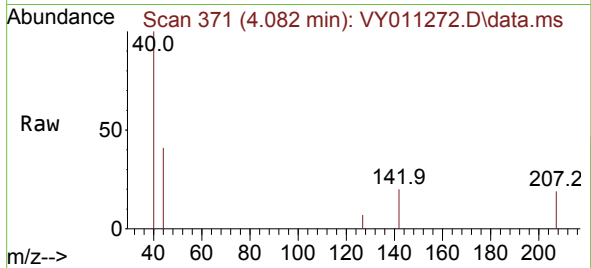




#10
Methyl Iodide
Concen: 1.500 ug/l
RT: 4.082 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY011272.D
Acq: 02 Nov 2022 18:50

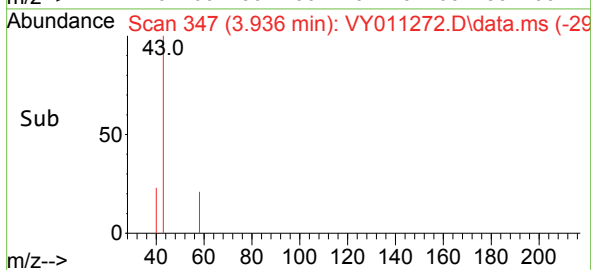
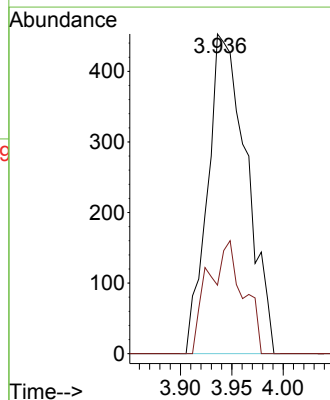
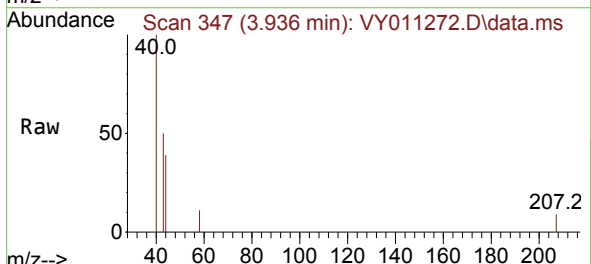
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0RE

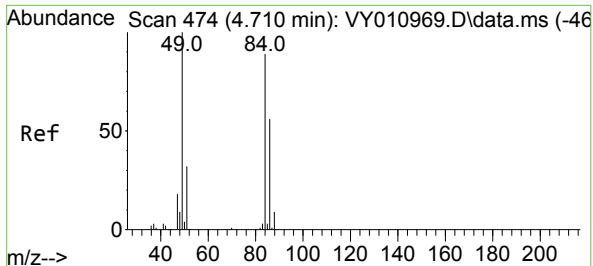
Tgt Ion:142 Resp: 368
Ion Ratio Lower Upper
142 100
127 20.1 41.5 62.3#
141 0.0 11.9 17.9#



#16
Acetone
Concen: 21.283 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY011272.D
Acq: 02 Nov 2022 18:50

Tgt Ion: 43 Resp: 1190
Ion Ratio Lower Upper
43 100
58 21.4 22.0 33.0#

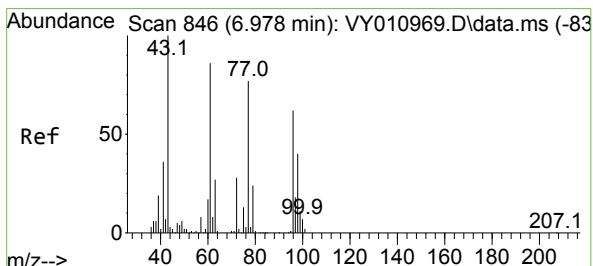
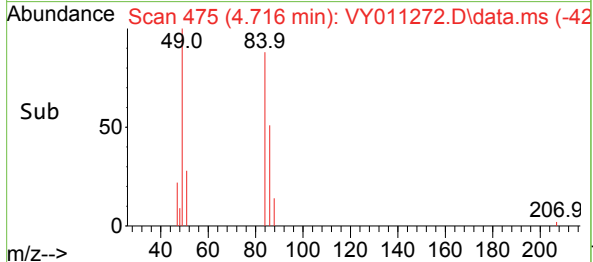
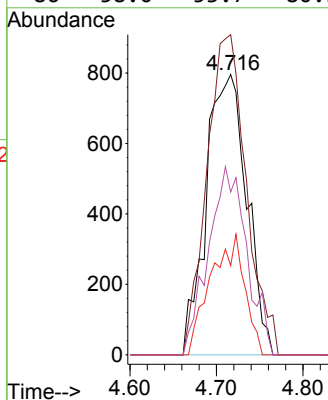
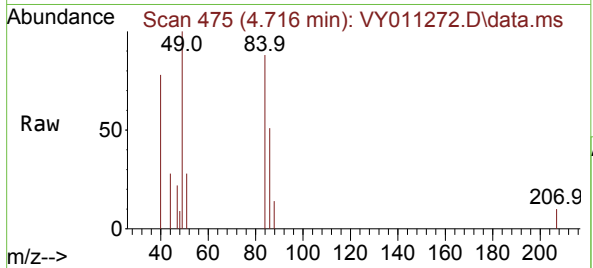




#20
Methylene Chloride
Concen: 6.992 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY011272.D
Acq: 02 Nov 2022 18:50

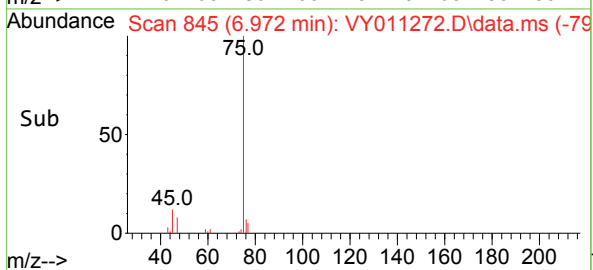
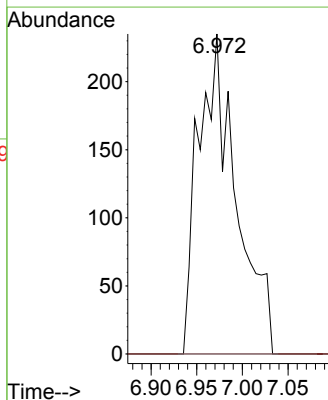
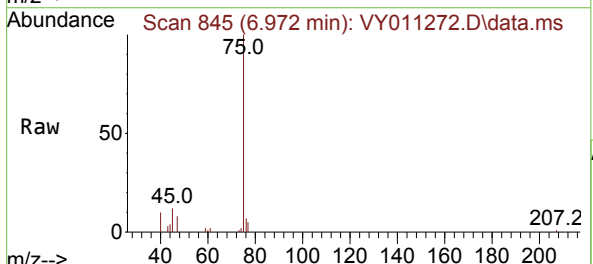
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0RE

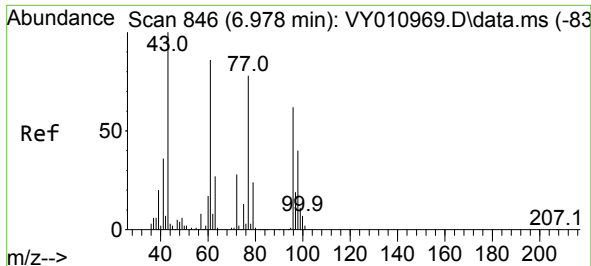
Tgt Ion:	84	Resp:	2588
Ion	Ratio	Lower	Upper
84	100		
49	114.2	114.4	171.6#
51	31.8	35.3	52.9#
86	58.0	53.7	80.5



#25
2-Butanone
Concen: 8.593 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011272.D
Acq: 02 Nov 2022 18:50

Tgt Ion:	43	Resp:	676
Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#

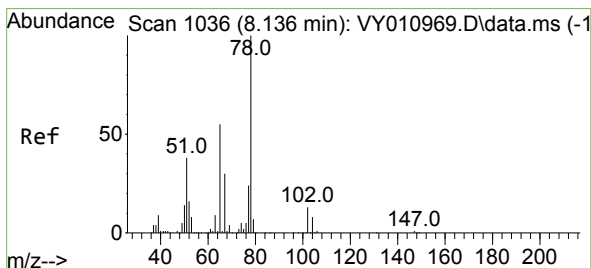
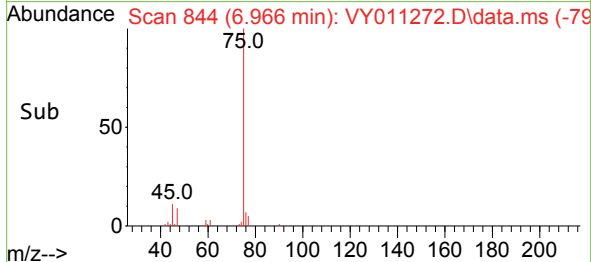
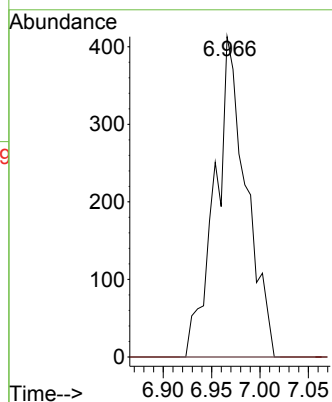
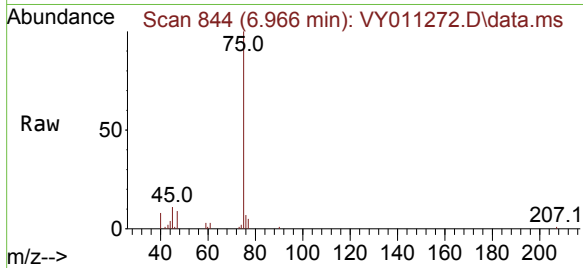




#26
2,2-Dichloropropane
Concen: 2.736 ug/l
RT: 6.966 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY011272.D
Acq: 02 Nov 2022 18:50

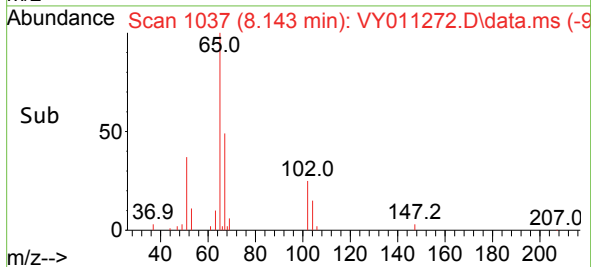
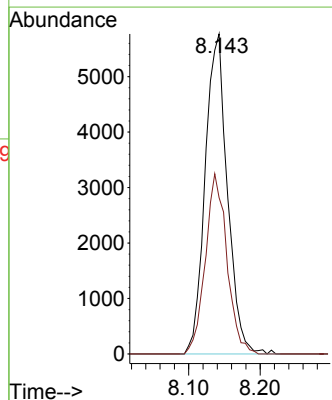
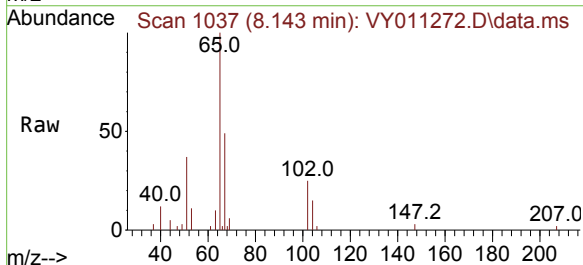
Instrument :
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ClientSampleId :
SB-02-0-2.0RE

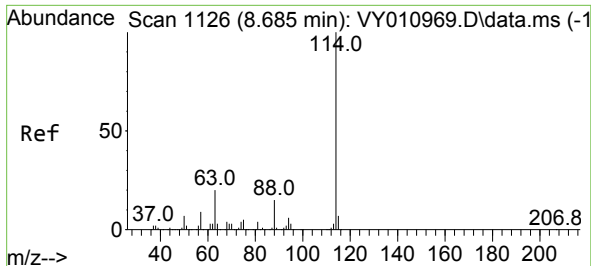
Tgt Ion: 77 Resp: 927
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#33
1,2-Dichloroethane-d4
Concen: 67.301 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY011272.D
Acq: 02 Nov 2022 18:50

Tgt Ion: 65 Resp: 12466
Ion Ratio Lower Upper
65 100
67 54.6 0.0 99.4

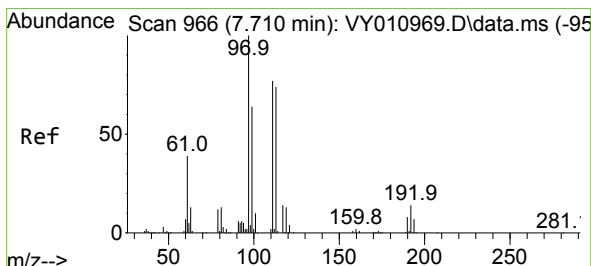
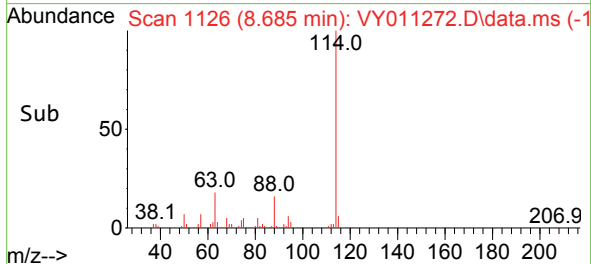
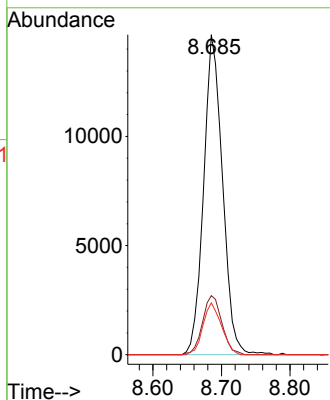
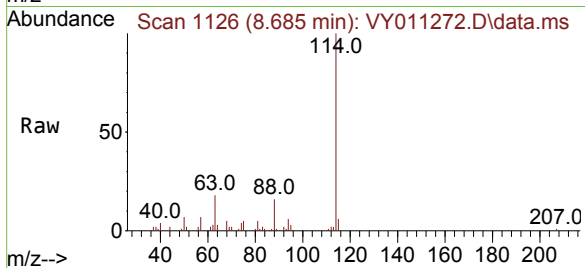




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011272.D
Acq: 02 Nov 2022 18:50

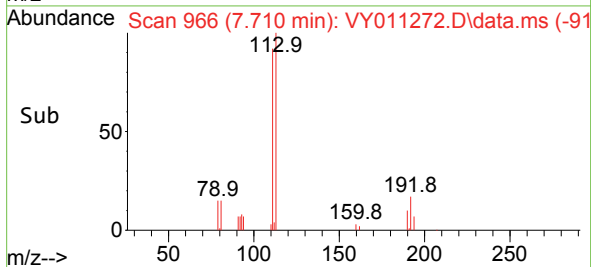
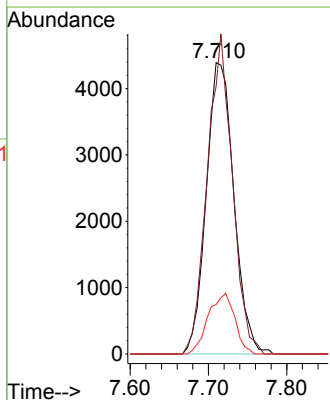
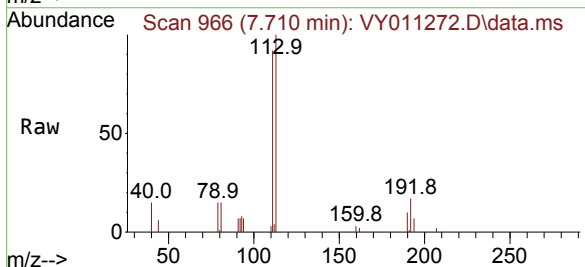
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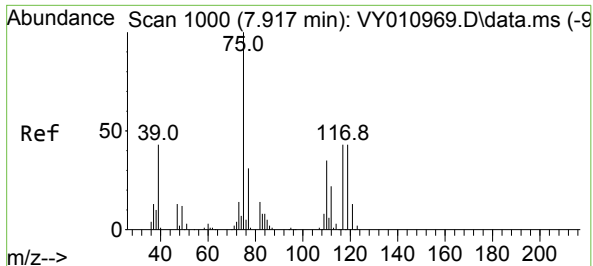
Tgt Ion:	114	Resp:	28097
Ion Ratio	Lower	Upper	
114	100		
63	18.5	0.0	43.2
88	16.2	0.0	31.8



#35
Dibromofluoromethane
Concen: 59.671 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY011272.D
Acq: 02 Nov 2022 18:50

Tgt Ion:	113	Resp:	10772
Ion Ratio	Lower	Upper	
113	100		
111	99.8	82.6	124.0
192	19.9	17.6	26.4

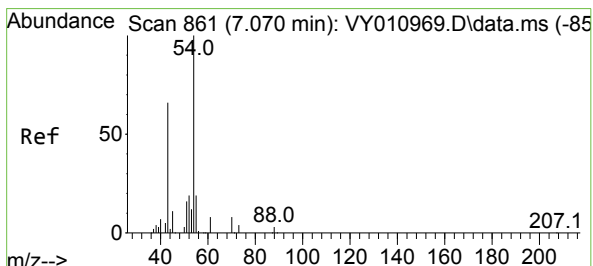
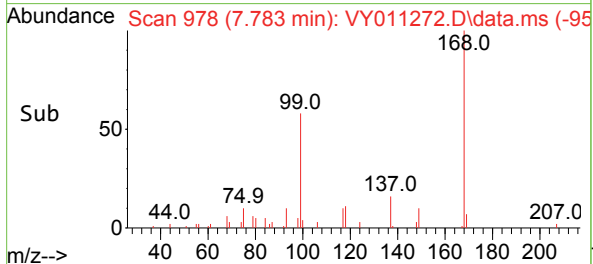
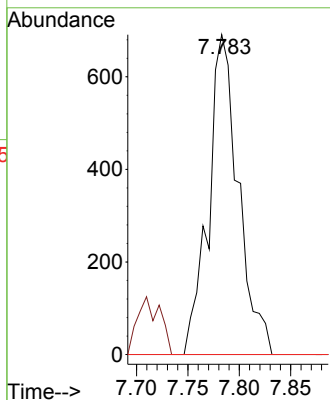
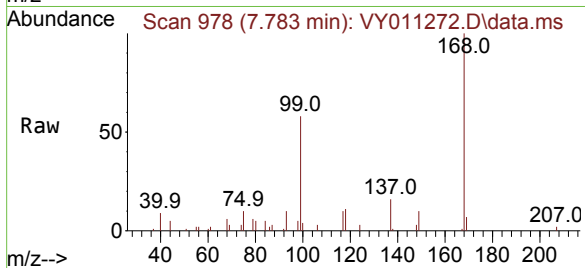




#36
1,1-Dichloropropene
Concen: 4.722 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011272.D
Acq: 02 Nov 2022 18:50

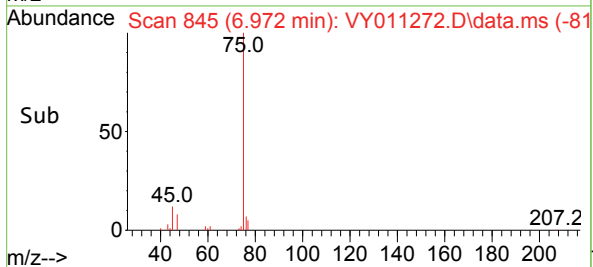
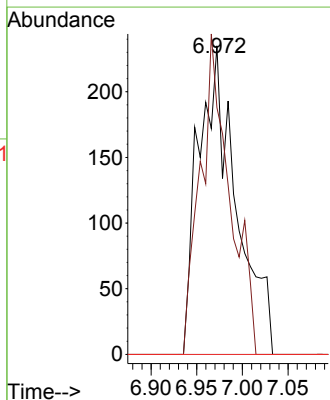
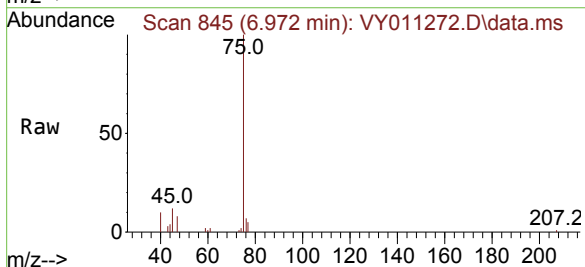
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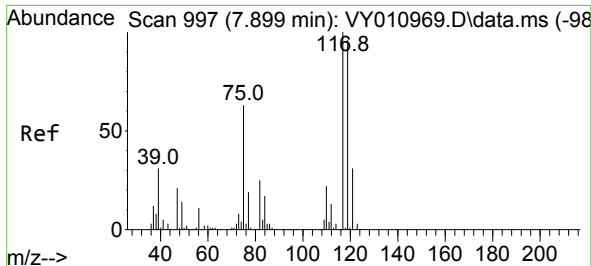
Tgt Ion: 75 Resp: 1392
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 4.254 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.098 min
Lab File: VY011272.D
Acq: 02 Nov 2022 18:50

Tgt Ion: 43 Resp: 676
Ion Ratio Lower Upper
43 100
61 80.9 9.7 14.5#
70 0.0 7.1 10.7#

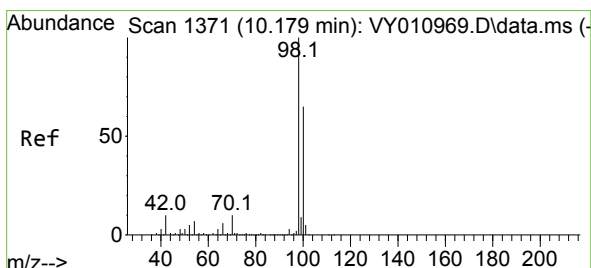
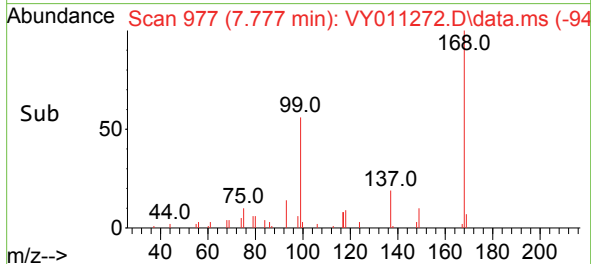
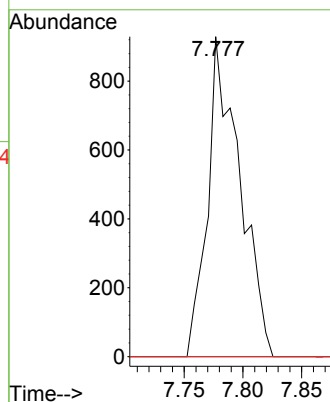
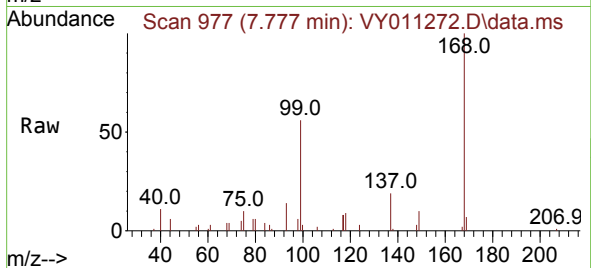




#38
Carbon Tetrachloride
Concen: 5.774 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY011272.D
Acq: 02 Nov 2022 18:50

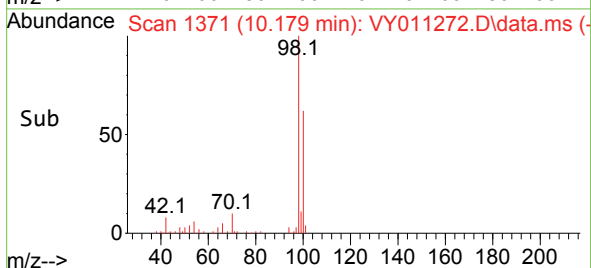
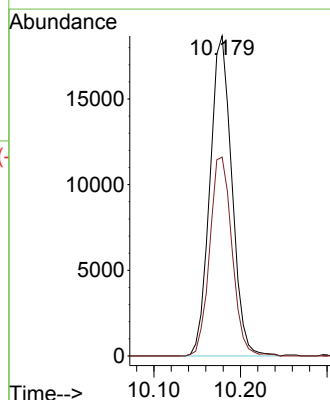
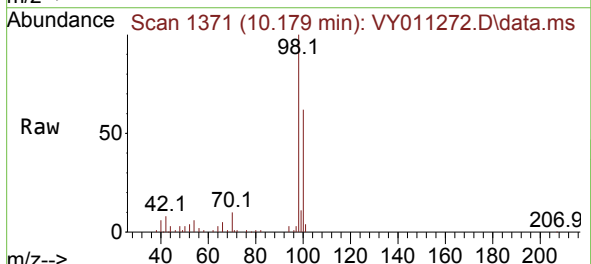
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0RE

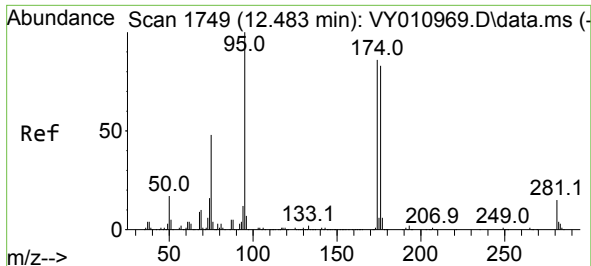
Tgt Ion:117 Resp: 1766
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 46.894 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011272.D
Acq: 02 Nov 2022 18:50

Tgt Ion: 98 Resp: 32868
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2

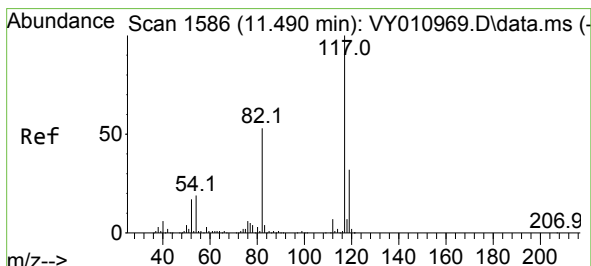
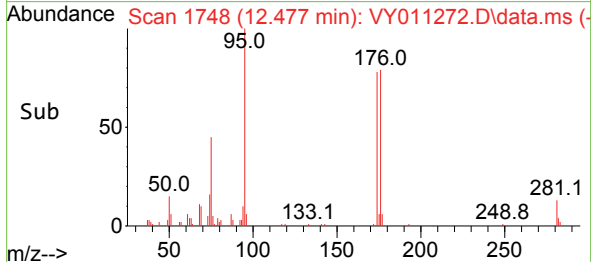
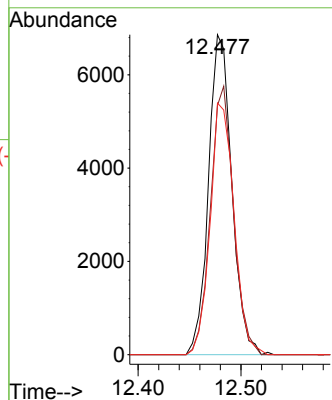
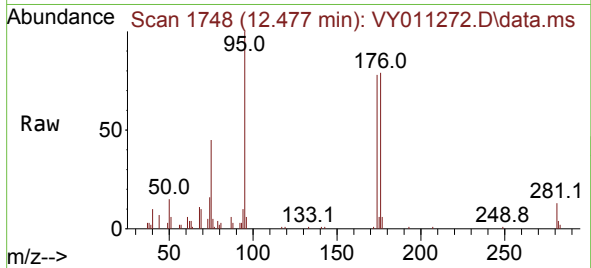




#62
4-Bromofluorobenzene
Concen: 44.443 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011272.D
Acq: 02 Nov 2022 18:50

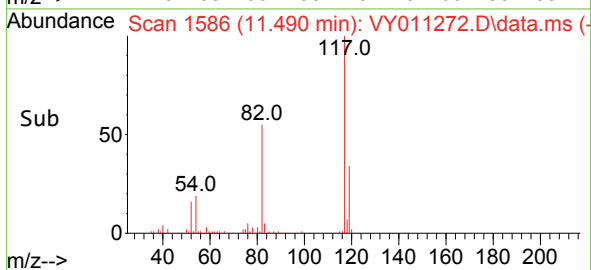
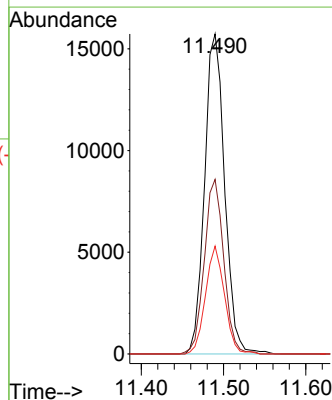
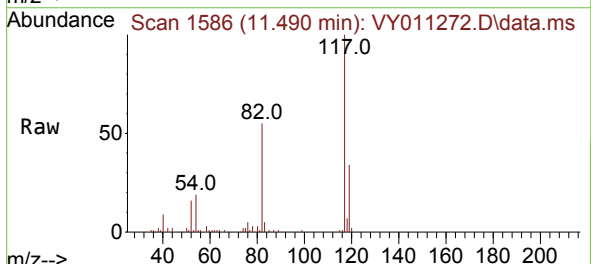
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0RE

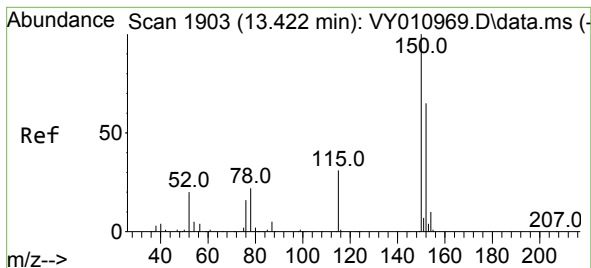
Tgt Ion: 95 Resp: 10814
Ion Ratio Lower Upper
95 100
174 82.9 0.0 177.0
176 80.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011272.D
Acq: 02 Nov 2022 18:50

Tgt Ion: 117 Resp: 26677
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 33.7 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: VY011272.D

Acq: 02 Nov 2022 18:50

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-0-2.0RE

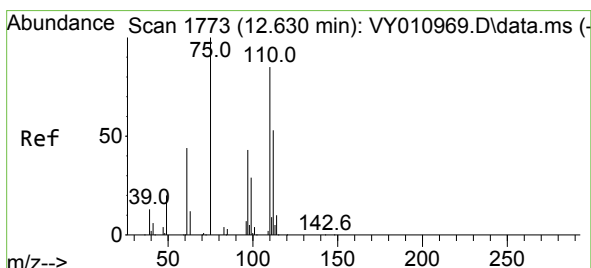
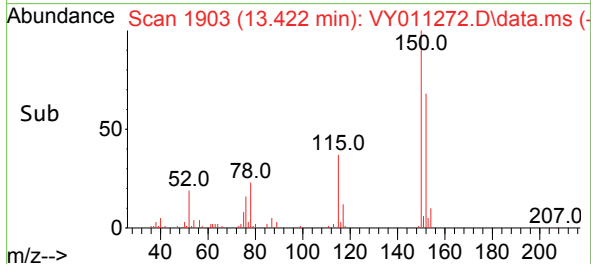
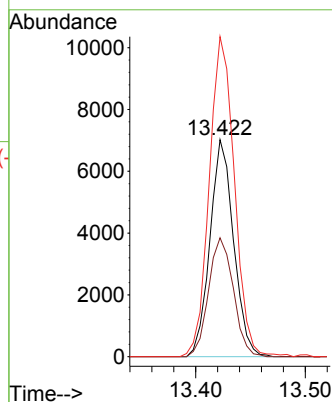
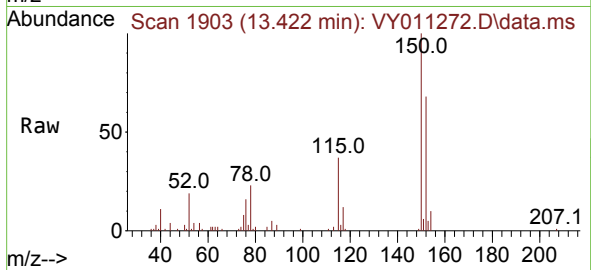
Tgt Ion:152 Resp: 10541

Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 156.6 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 39.235 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY011272.D

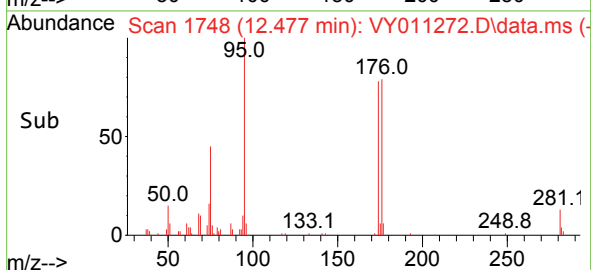
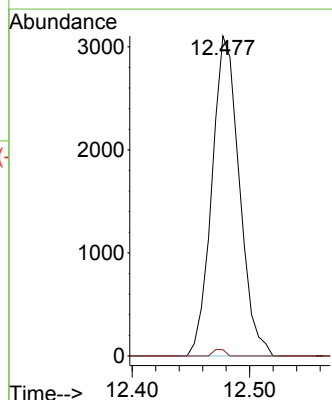
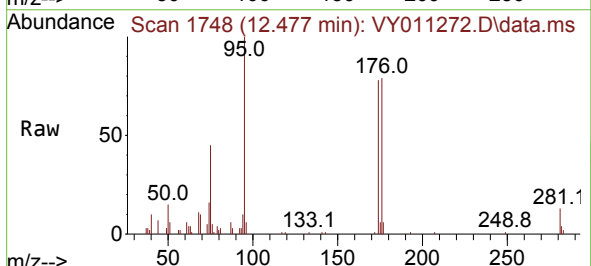
Acq: 02 Nov 2022 18:50

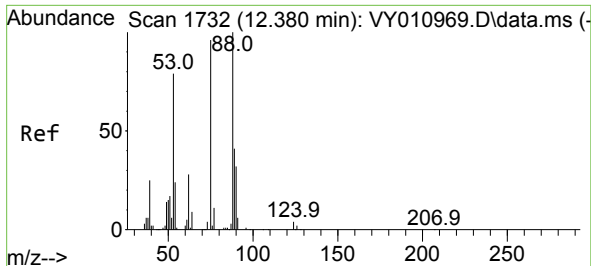
Tgt Ion: 75 Resp: 5035

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#

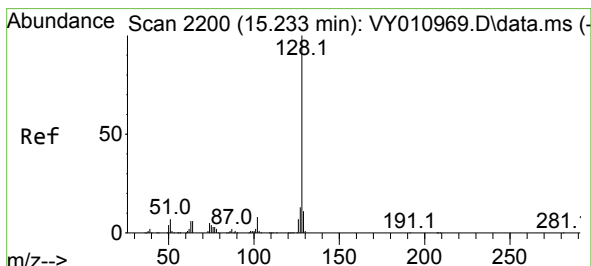
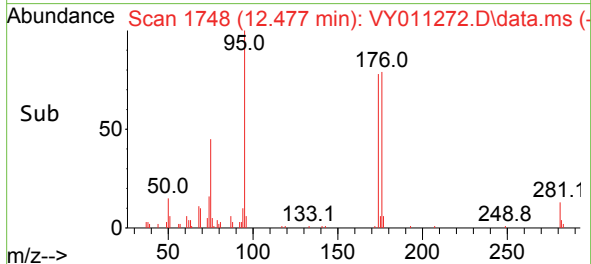
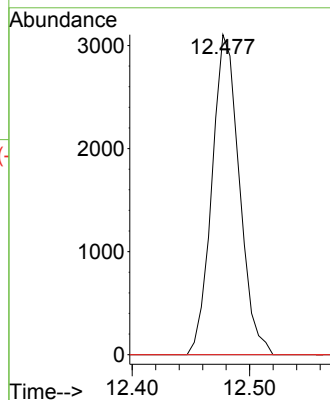
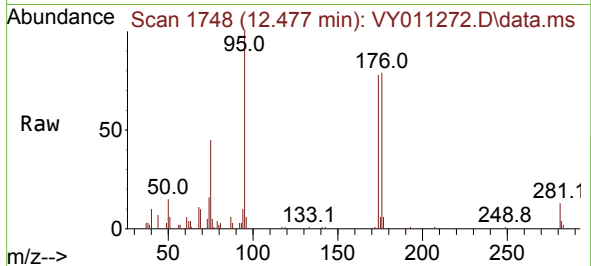




#81
trans-1,4-Dichloro-2-butene
Concen: 83.969 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011272.D
Acq: 02 Nov 2022 18:50

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0RE

Tgt Ion: 75 Resp: 5035
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.098 ug/l
RT: 15.227 min Scan# 2199
Delta R.T. -0.006 min
Lab File: VY011272.D
Acq: 02 Nov 2022 18:50

Tgt Ion: 128 Resp: 66
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

