

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011260.D
 Acq On : 02 Nov 2022 14:18
 Operator : KP/MD
 Sample : N5395-03
 Misc : 5.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-11-103122

Quant Time: Nov 03 05:15:44 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)

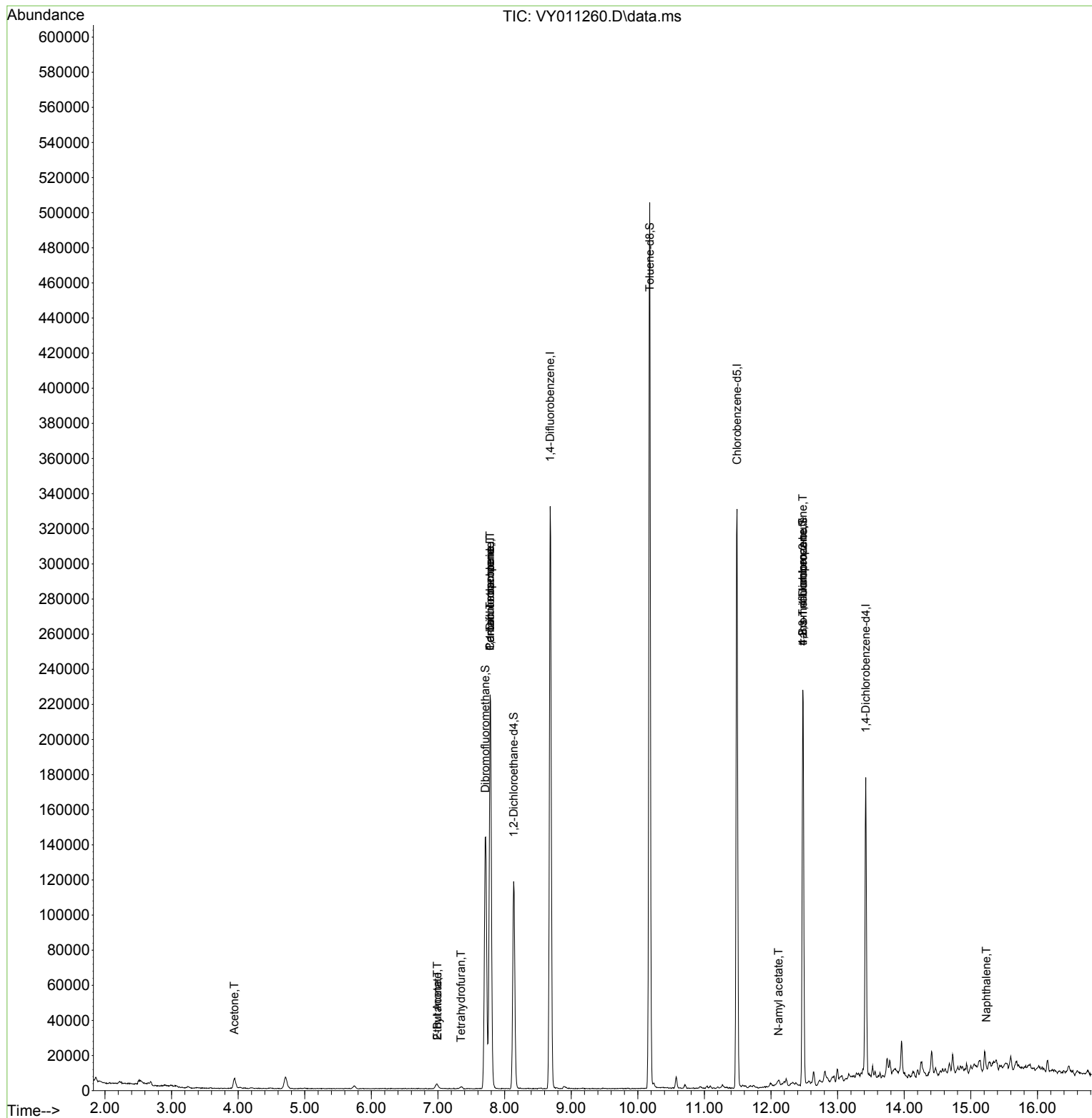
Internal Standards						
1) Pentafluorobenzene	7.783	168	178328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	293483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	191311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	91974	48.224	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.440%		
35) Dibromofluoromethane	7.710	113	108546	57.565	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	115.140%		
50) Toluene-d8	10.179	98	334591	45.702	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.400%		
62) 4-Bromofluorobenzene	12.477	95	67279	26.471	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	52.940%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	42	Below Cal	#	43
11) Tert butyl alcohol	4.960	59	215	Below Cal	#	77
16) Acetone	3.942	43	9919	17.229	ug/l #	89
20) Methylene Chloride	4.716	84	5270	Below Cal	#	76
25) 2-Butanone	6.990	43	3201	3.952	ug/l #	83
29) Tetrahydrofuran	7.344	42	890	1.887	ug/l	92
36) 1,1-Dichloropropene	7.783	75	13176	4.279	ug/l #	52
37) Ethyl Acetate	6.990	43	3201	1.928	ug/l #	72
38) Carbon Tetrachloride	7.783	117	17571	5.500	ug/l #	15
74) N-amyl acetate	12.111	43	1325	1.578	ug/l #	60
76) 1,2,3-Trichloropropane	12.477	75	32529	59.738	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	32529	127.848	ug/l #	8
95) Naphthalene	15.233	128	752	4.316	ug/l #	88

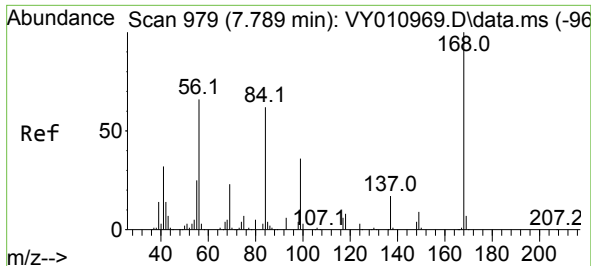
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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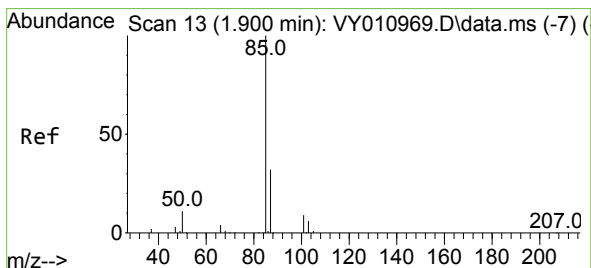
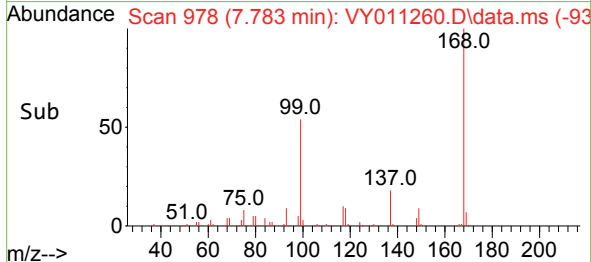
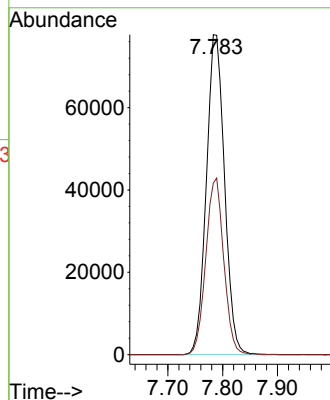
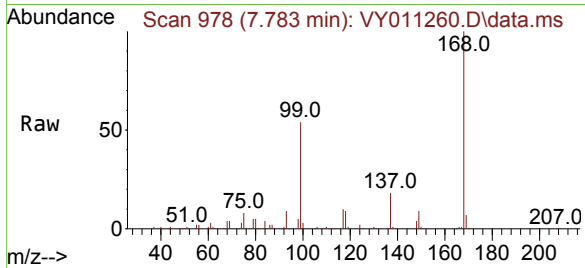




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011260.D
Acq: 02 Nov 2022 14:18

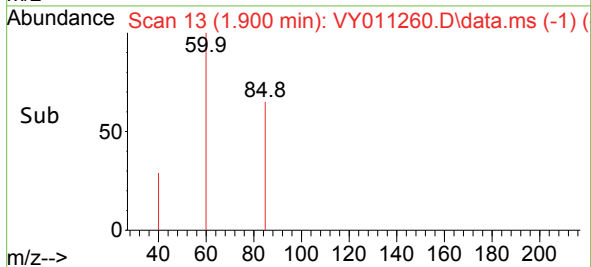
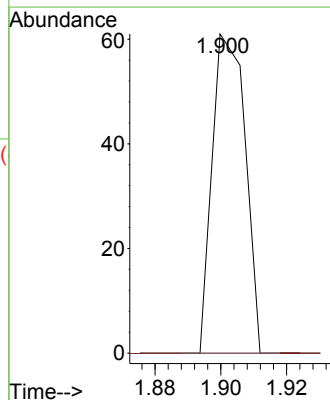
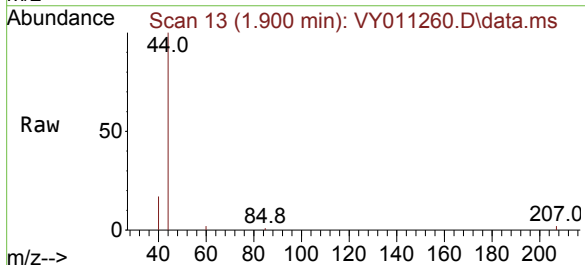
Instrument :
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ClientSampleId :
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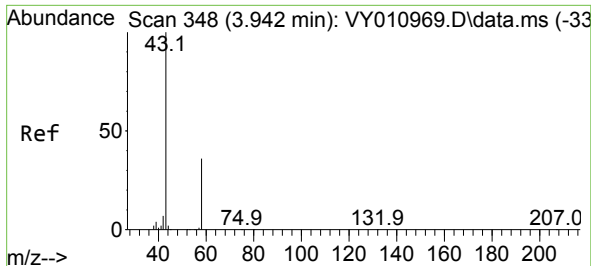
Tgt Ion:168 Resp: 178328
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011260.D
Acq: 02 Nov 2022 14:18

Tgt Ion: 85 Resp: 42
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

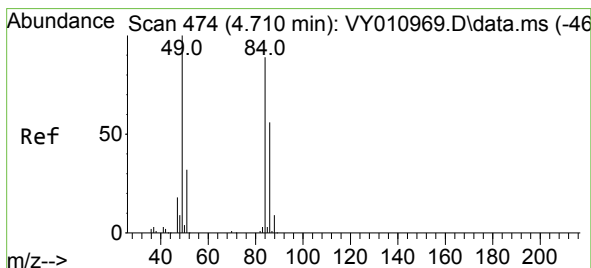
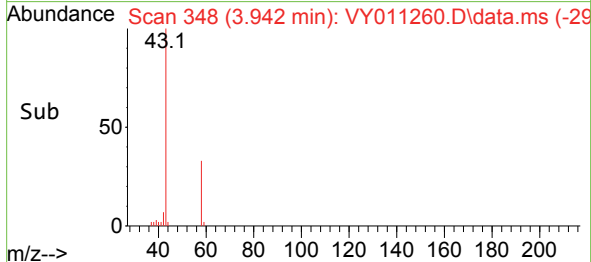
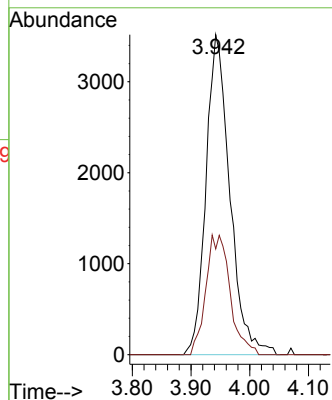
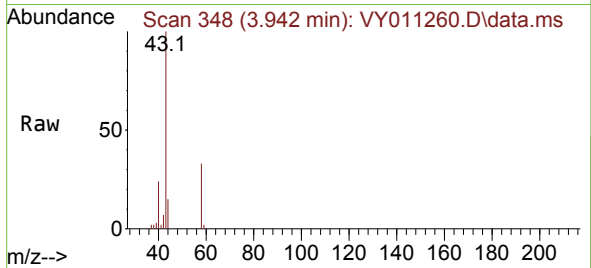




#16
Acetone
Concen: 17.229 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011260.D
Acq: 02 Nov 2022 14:18

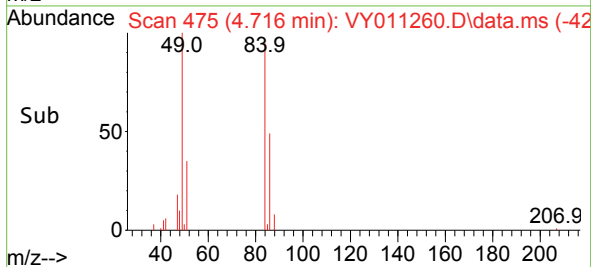
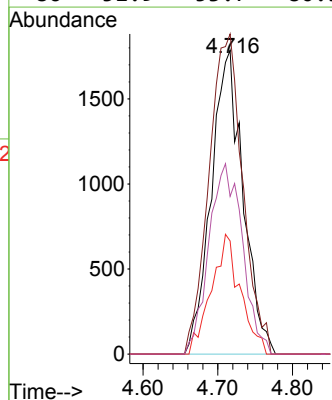
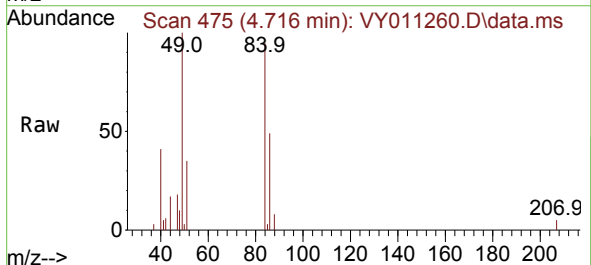
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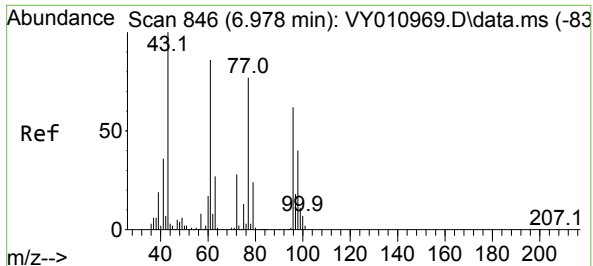
Tgt Ion: 43 Resp: 9919
Ion Ratio Lower Upper
43 100
58 33.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011260.D
Acq: 02 Nov 2022 14:18

Tgt Ion: 84 Resp: 5270
Ion Ratio Lower Upper
84 100
49 105.4 114.4 171.6#
51 37.2 35.3 52.9
86 51.9 53.7 80.5#

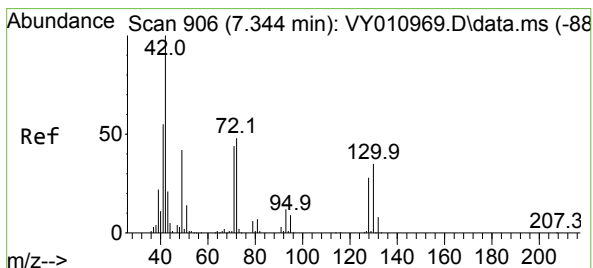
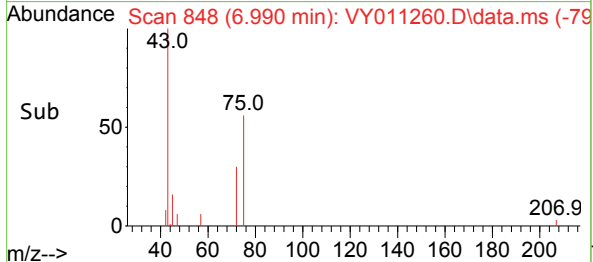
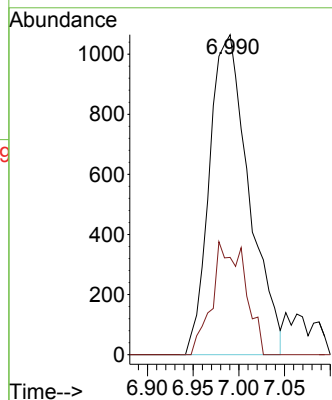
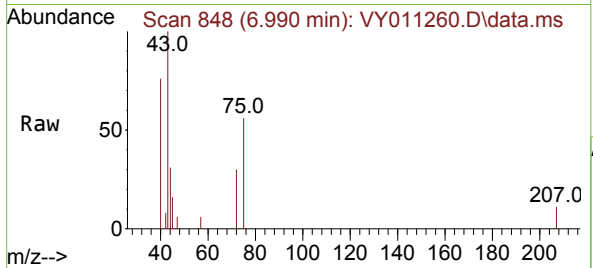




#25
2-Butanone
Concen: 3.952 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY011260.D
Acq: 02 Nov 2022 14:18

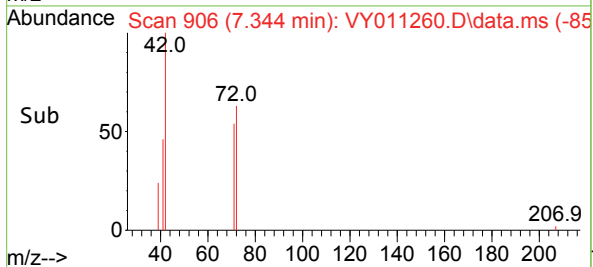
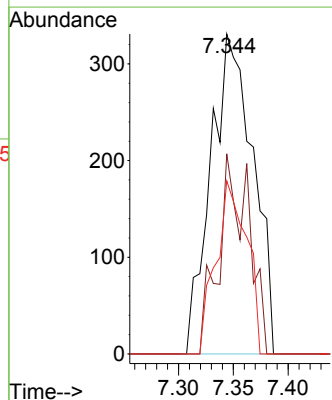
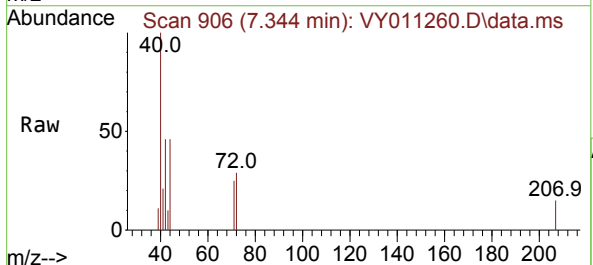
Instrument :
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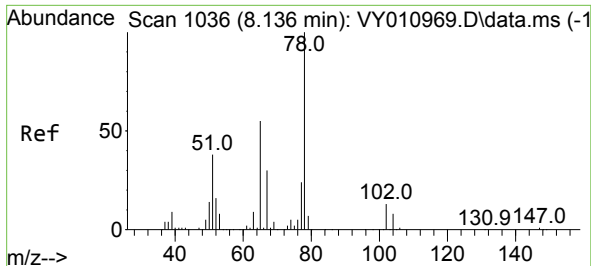
Tgt Ion: 43 Resp: 3201
Ion Ratio Lower Upper
43 100
72 30.4 17.7 26.5#



#29
Tetrahydrofuran
Concen: 1.887 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY011260.D
Acq: 02 Nov 2022 14:18

Tgt Ion: 42 Resp: 890
Ion Ratio Lower Upper
42 100
72 44.4 30.3 45.5
71 39.3 29.0 43.4

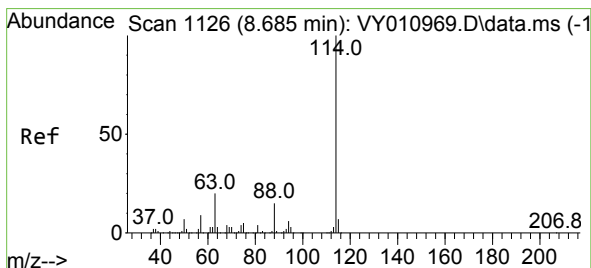
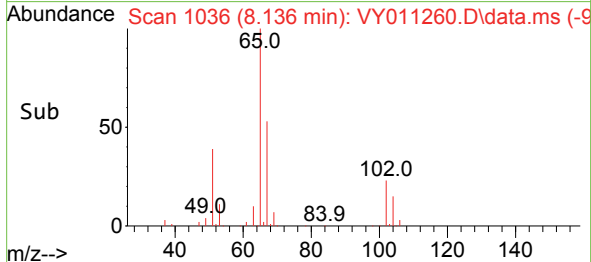
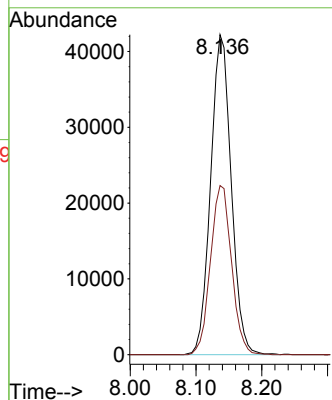
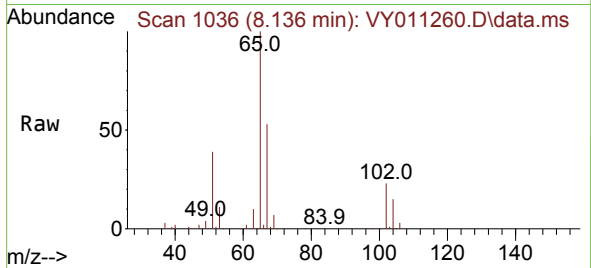




#33
 1,2-Dichloroethane-d4
 Concen: 48.224 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY011260.D
 Acq: 02 Nov 2022 14:18

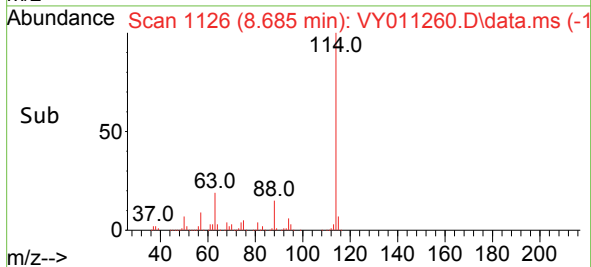
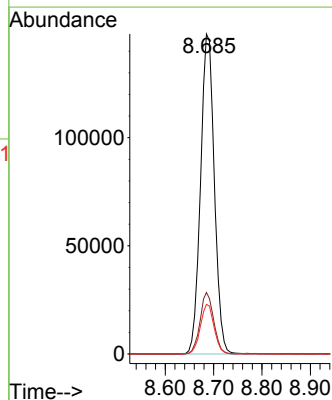
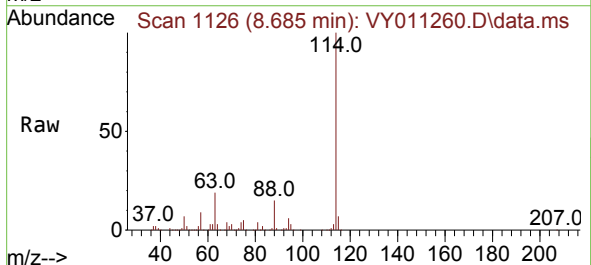
Instrument :
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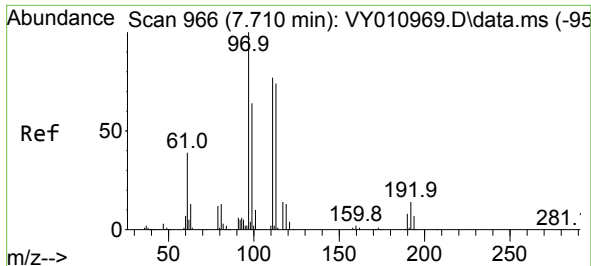
Tgt Ion: 65 Resp: 91974
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY011260.D
 Acq: 02 Nov 2022 14:18

Tgt Ion: 114 Resp: 293483
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 43.2
 88 15.5 0.0 31.8

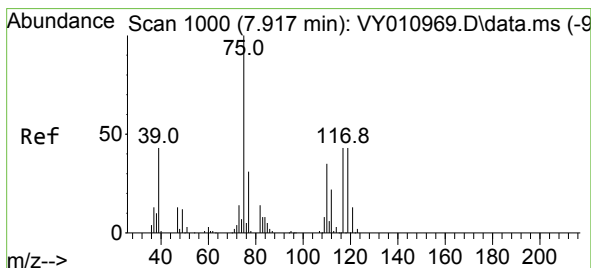
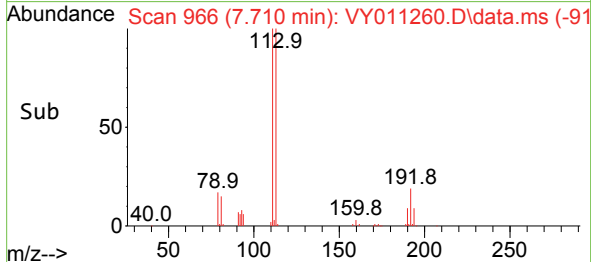
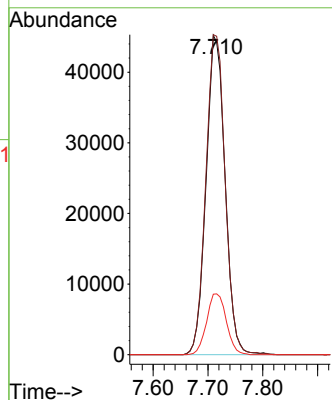
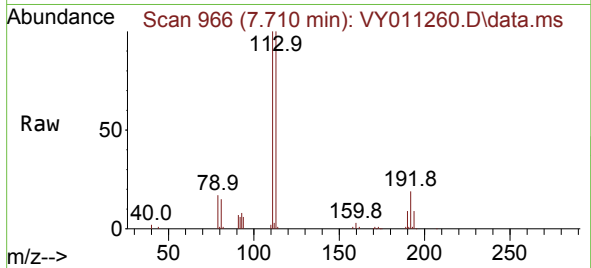




#35
Dibromofluoromethane
Concen: 57.565 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY011260.D
Acq: 02 Nov 2022 14:18

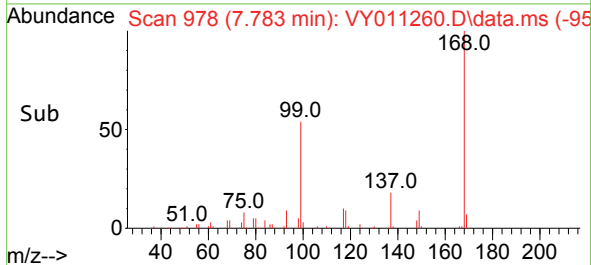
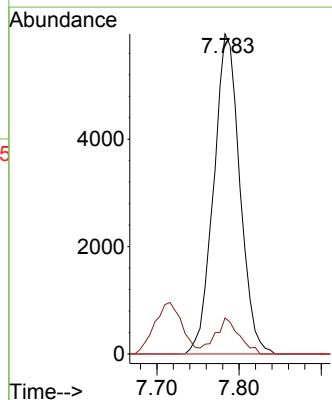
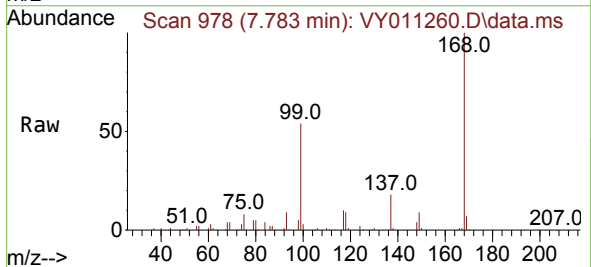
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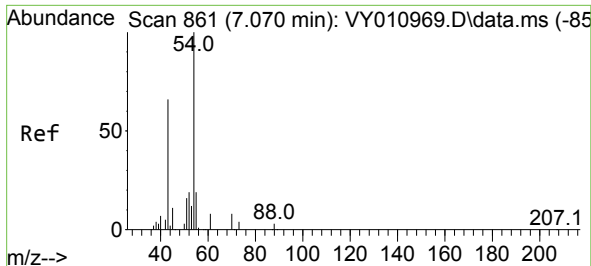
Tgt Ion:113 Resp: 108546
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 19.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.279 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011260.D
Acq: 02 Nov 2022 14:18

Tgt Ion: 75 Resp: 13176
Ion Ratio Lower Upper
75 100
110 10.1 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.928 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.080 min

Lab File: VY011260.D

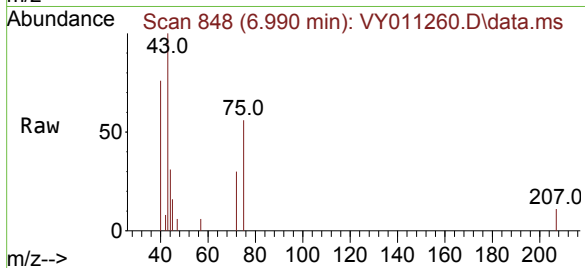
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Instrument :

MSVOA_Y

ClientSampleId :

S-11-103122



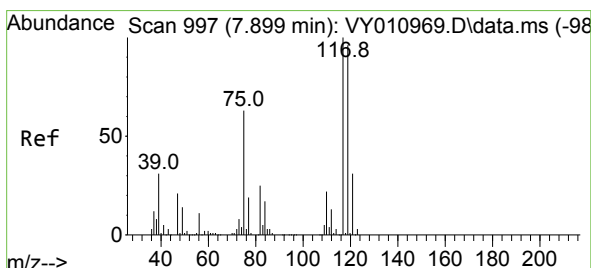
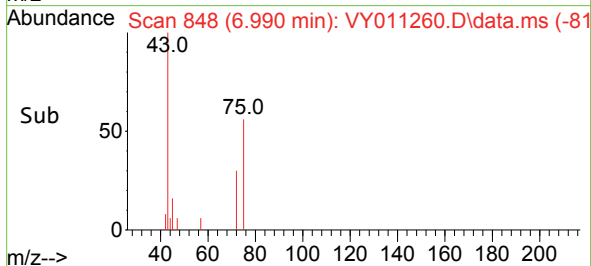
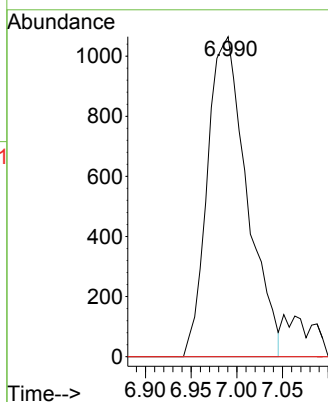
Tgt Ion: 43 Resp: 3201

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.500 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY011260.D

Acq: 02 Nov 2022 14:18

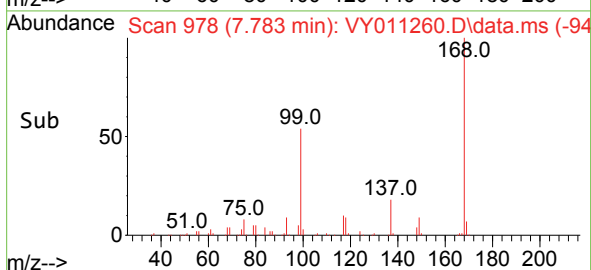
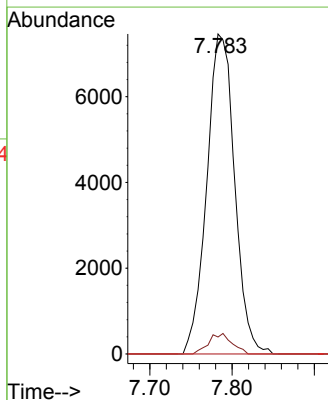
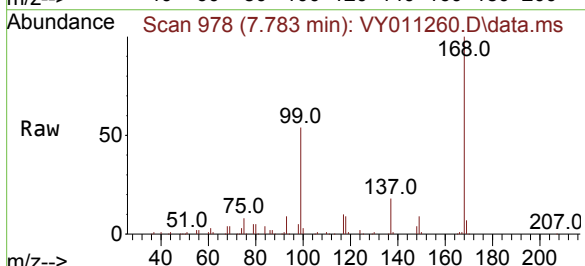
Tgt Ion: 117 Resp: 17571

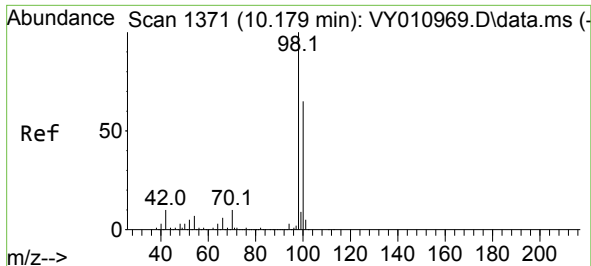
Ion Ratio Lower Upper

117 100

119 5.3 77.9 116.9#

121 0.0 24.8 37.2#

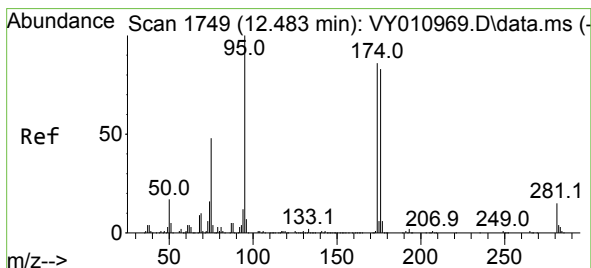
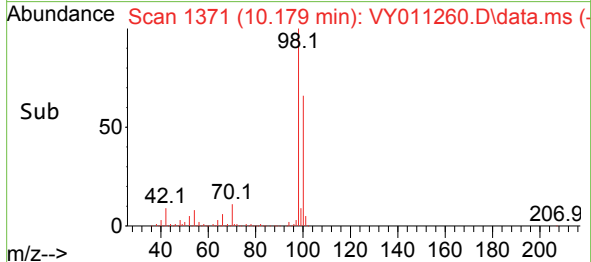
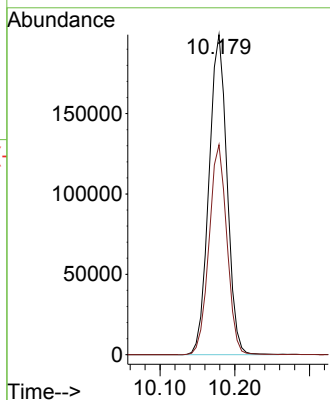
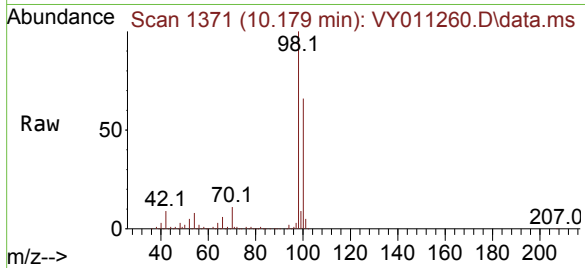




#50
Toluene-d8
Concen: 45.702 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011260.D
Acq: 02 Nov 2022 14:18

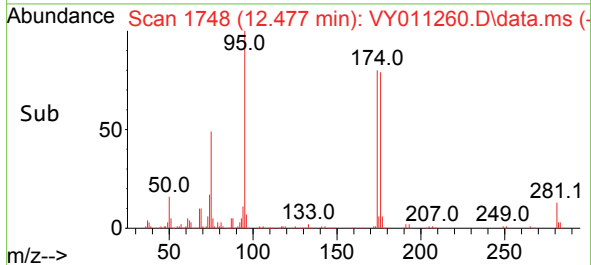
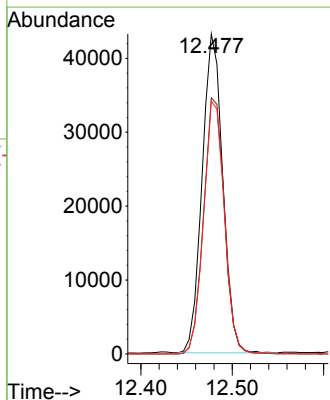
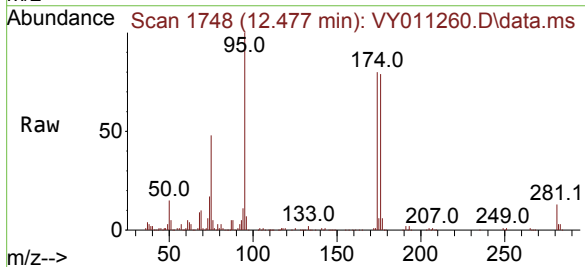
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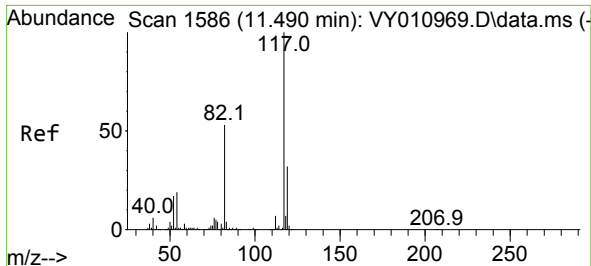
Tgt Ion: 98 Resp: 334591
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 26.471 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011260.D
Acq: 02 Nov 2022 14:18

Tgt Ion: 95 Resp: 67279
Ion Ratio Lower Upper
95 100
174 82.2 0.0 177.0
176 79.8 0.0 175.8

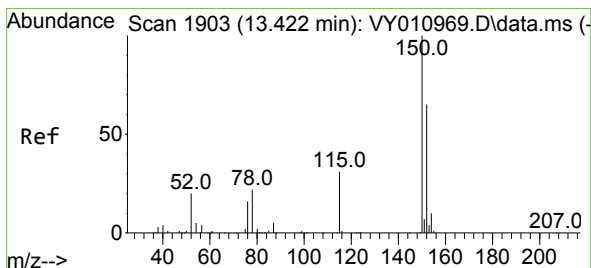
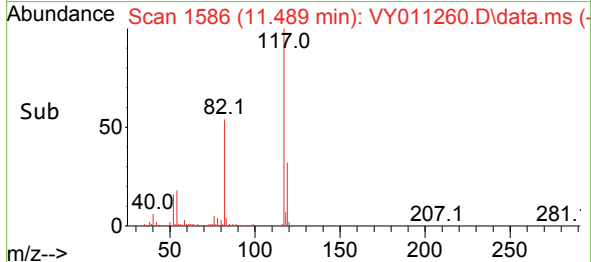
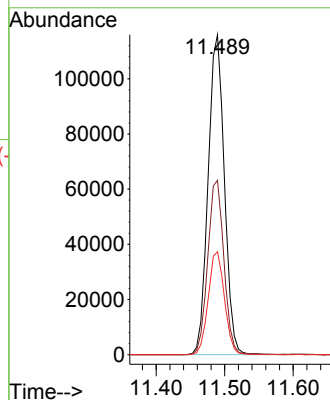
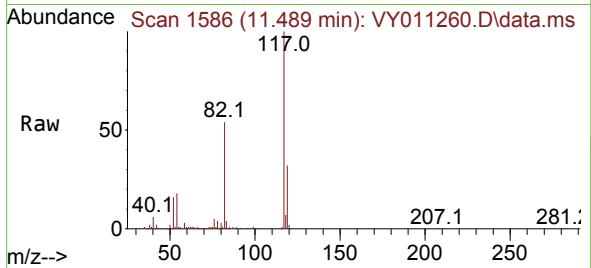




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011260.D
Acq: 02 Nov 2022 14:18

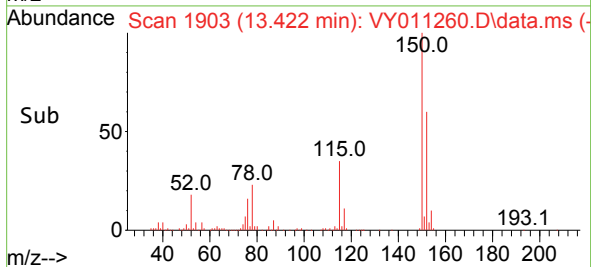
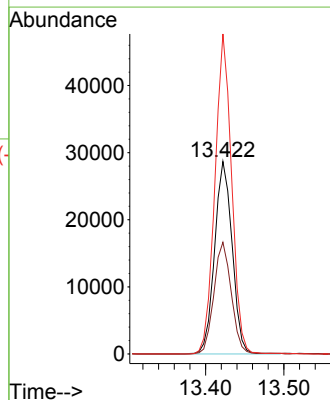
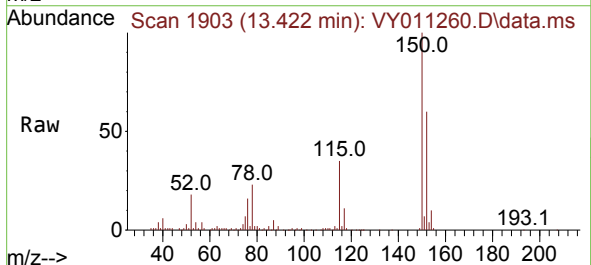
Instrument :
MSVOA_Y
ClientSampleId :
S-11-103122

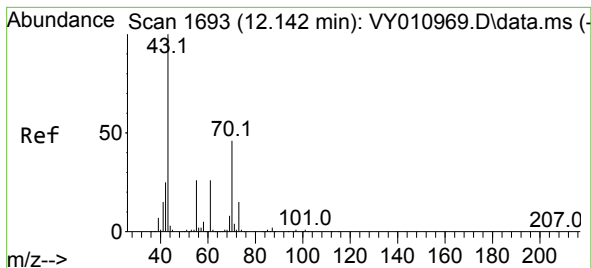
Tgt Ion:117 Resp: 191311
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011260.D
Acq: 02 Nov 2022 14:18

Tgt Ion:152 Resp: 44728
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 157.9 0.0 347.6





#74

N-amy1 acetate

Concen: 1.578 ug/l

RT: 12.111 min Scan# 1

Delta R.T. -0.031 min

Lab File: VY011260.D

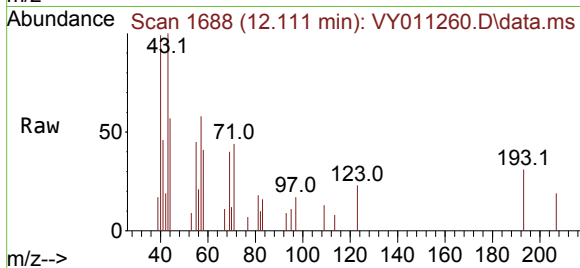
Acq: 02 Nov 2022 14:18

Instrument :

MSVOA_Y

ClientSampleId :

S-11-103122



Tgt Ion: 43 Resp: 1325

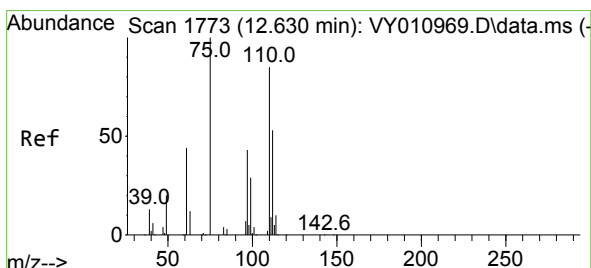
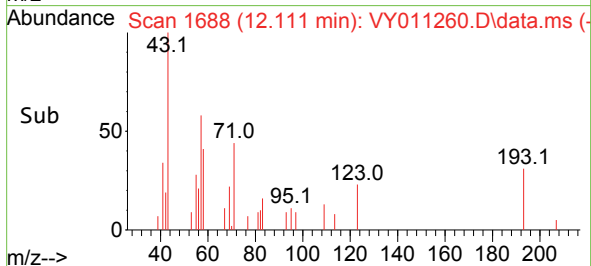
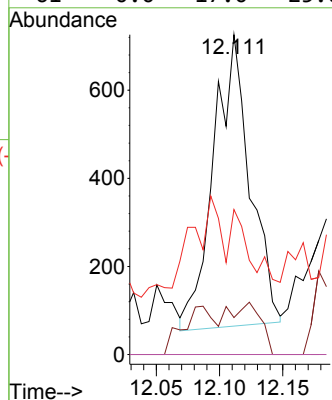
Ion Ratio Lower Upper

43 100

70 15.9 28.7 43.1#

55 0.0 17.3 25.9#

61 0.0 17.0 25.6#



#76

1,2,3-Trichloropropane

Concen: 59.738 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY011260.D

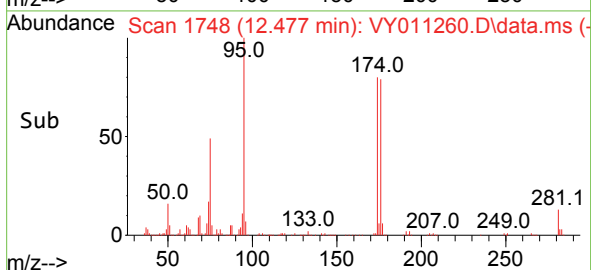
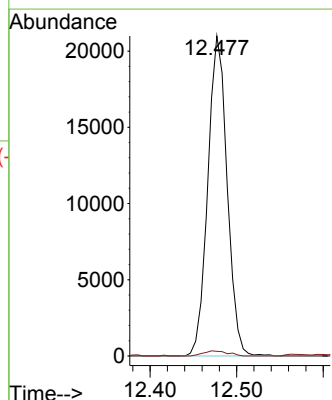
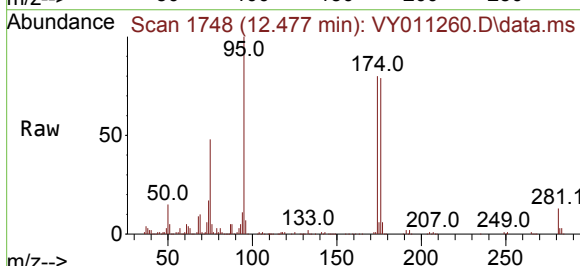
Acq: 02 Nov 2022 14:18

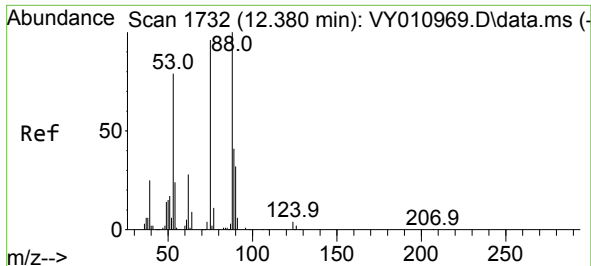
Tgt Ion: 75 Resp: 32529

Ion Ratio Lower Upper

75 100

77 2.0 0.0 0.0#

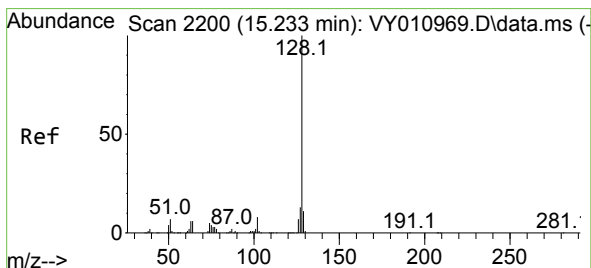
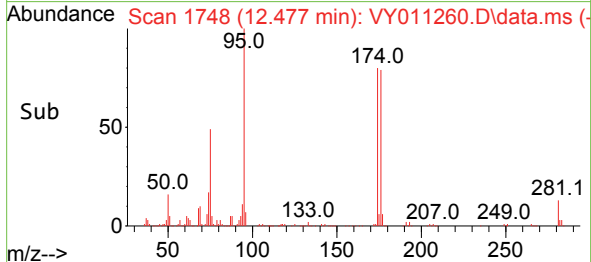
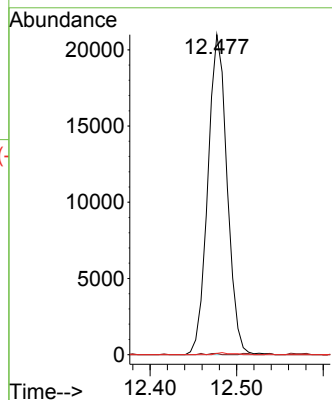
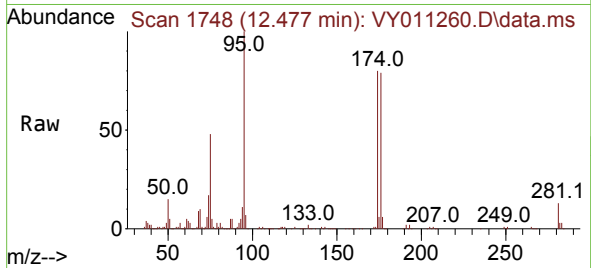




#81
trans-1,4-Dichloro-2-butene
Concen: 127.848 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011260.D
Acq: 02 Nov 2022 14:18

Instrument :
MSVOA_Y
ClientSampleId :
S-11-103122

Tgt Ion: 75 Resp: 32529
Ion Ratio Lower Upper
75 100
53 0.3 85.3 127.9#
89 0.5 37.0 55.4#



#95
Naphthalene
Concen: 4.316 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011260.D
Acq: 02 Nov 2022 14:18

Tgt Ion: 128 Resp: 752
Ion Ratio Lower Upper
128 100
127 20.2 11.0 16.4#
129 13.2 8.4 12.6#

