

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011261.D
 Acq On : 02 Nov 2022 14:41
 Operator : KP/MD
 Sample : N5395-04
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-10-103122

Quant Time: Nov 03 05:16:06 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)

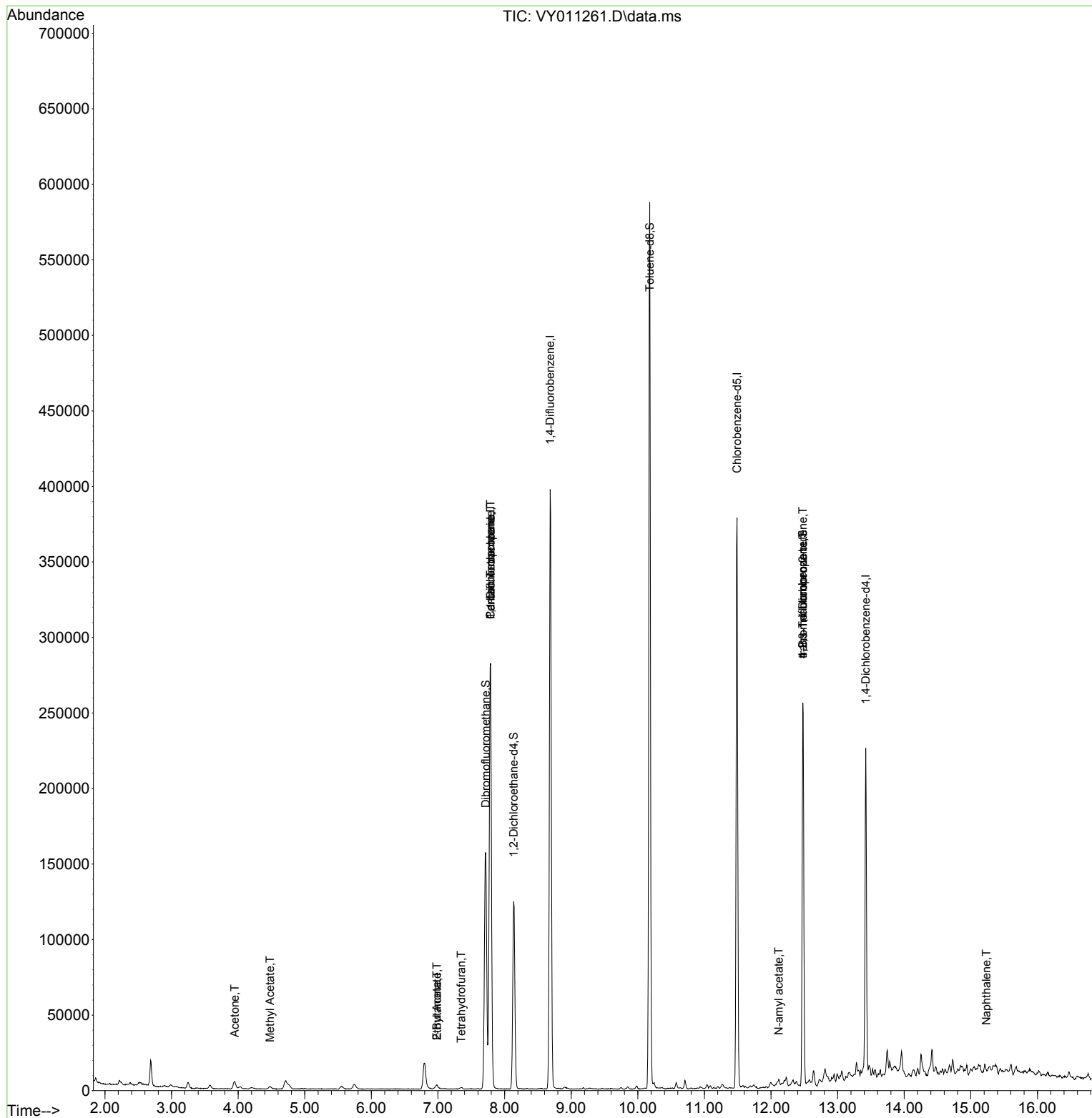
Internal Standards						
1) Pentafluorobenzene	7.789	168	229118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	351196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	220052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96304	39.301	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	78.600%		
35) Dibromofluoromethane	7.716	113	117794	52.204	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.400%		
50) Toluene-d8	10.179	98	393198	44.882	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.760%		
62) 4-Bromofluorobenzene	12.477	95	76659	25.205	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	50.420%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.894	85	22	Below Cal	#	43
11) Tert butyl alcohol	4.942	59	185	Below Cal	#	77
16) Acetone	3.948	43	8937	12.082	ug/l #	77
18) Methyl Acetate	4.478	43	3013	1.539	ug/l #	89
20) Methylene Chloride	4.710	84	4177	Below Cal	#	76
25) 2-Butanone	6.984	43	2309	2.219	ug/l #	82
29) Tetrahydrofuran	7.350	42	788	1.301	ug/l	96
36) 1,1-Dichloropropene	7.789	75	16787	4.556	ug/l #	51
37) Ethyl Acetate	6.984	43	2174	1.094	ug/l #	75
38) Carbon Tetrachloride	7.789	117	22831	5.972	ug/l #	15
74) N-amyl acetate	12.117	43	1152	1.074	ug/l #	67
76) 1,2,3-Trichloropropane	12.477	75	38354	55.136	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	38354	117.997	ug/l #	8
95) Naphthalene	15.233	128	787	4.254	ug/l #	85

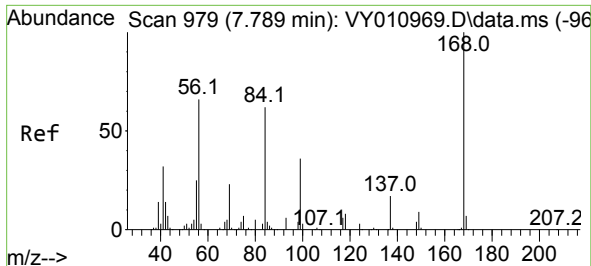
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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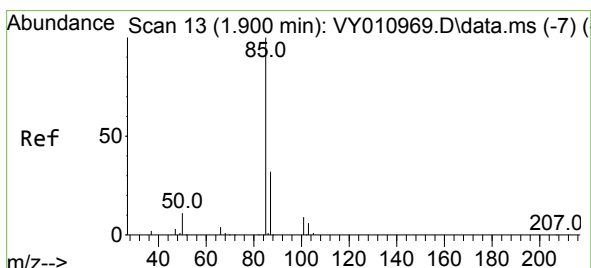
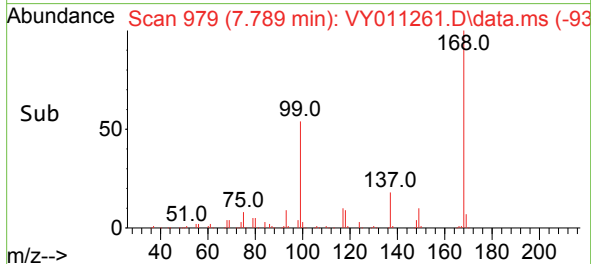
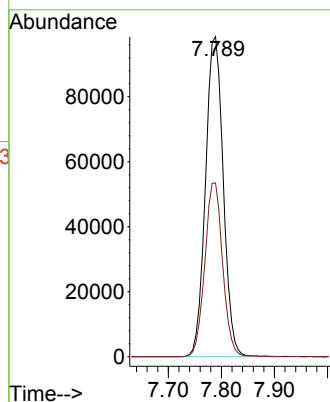
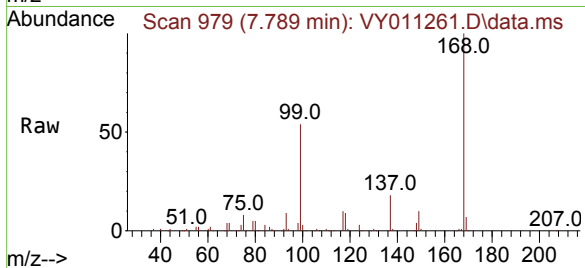




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011261.D
Acq: 02 Nov 2022 14:41

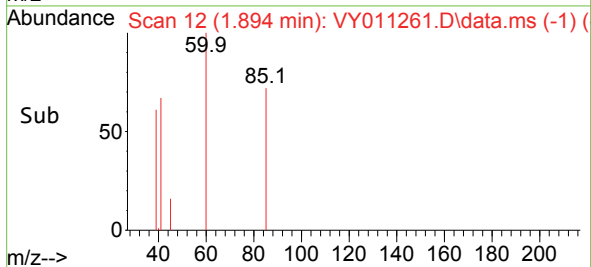
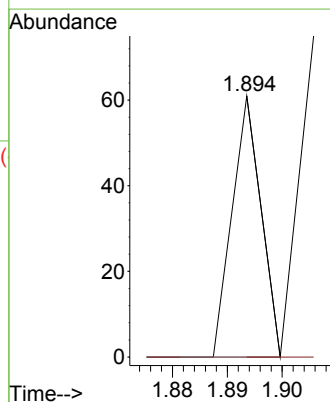
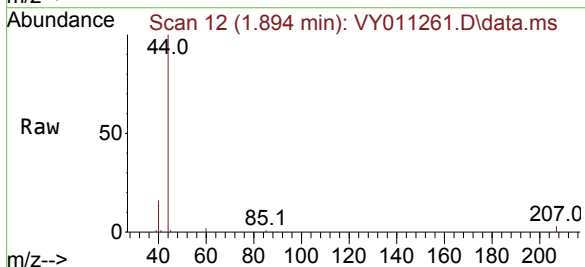
Instrument :
MSVOA_Y
ClientSampleId :
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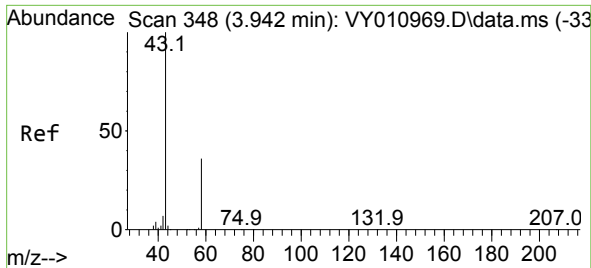
Tgt Ion:168 Resp: 229118
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY011261.D
Acq: 02 Nov 2022 14:41

Tgt Ion: 85 Resp: 22
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

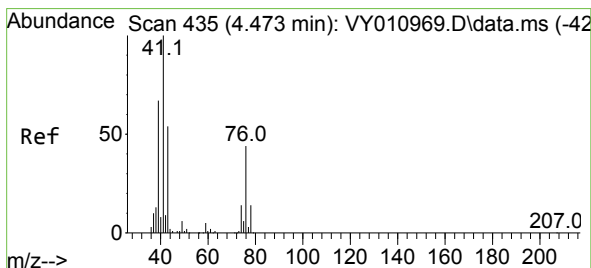
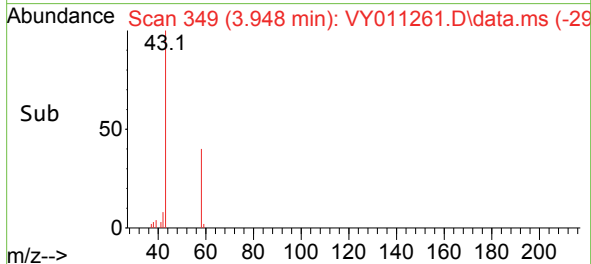
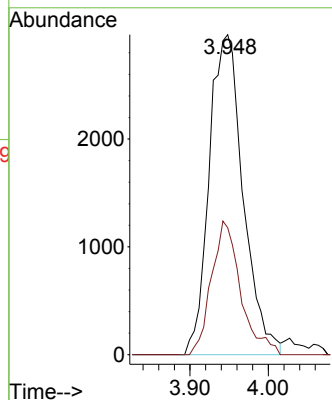
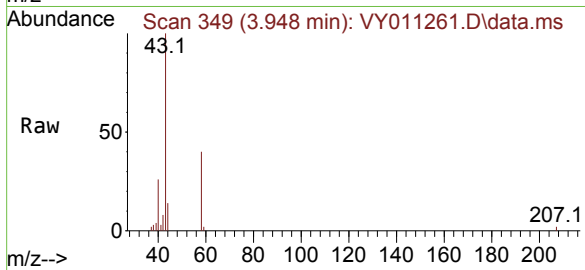




#16
Acetone
Concen: 12.082 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY011261.D
Acq: 02 Nov 2022 14:41

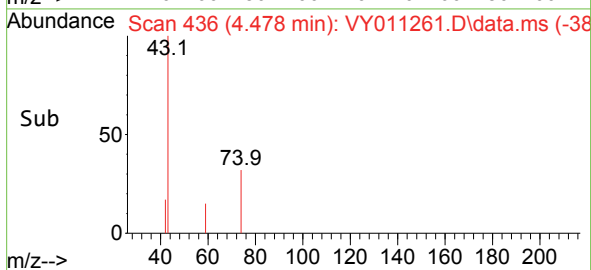
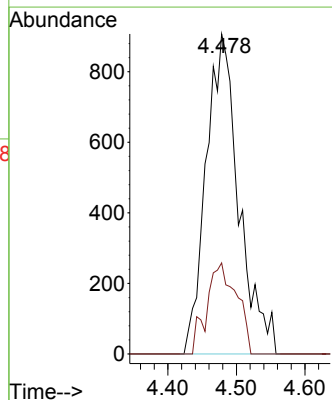
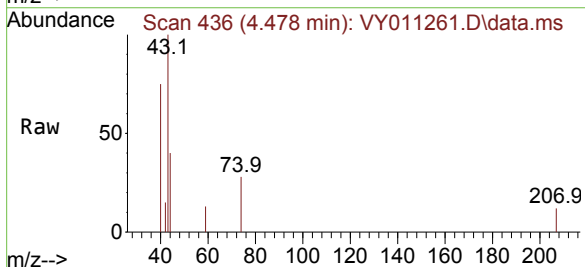
Instrument :
MSVOA_Y
ClientSampleId :
S-10-103122

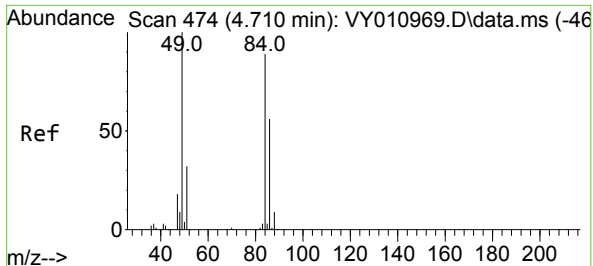
Tgt Ion: 43 Resp: 8937
Ion Ratio Lower Upper
43 100
58 39.7 22.0 33.0#



#18
Methyl Acetate
Concen: 1.539 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY011261.D
Acq: 02 Nov 2022 14:41

Tgt Ion: 43 Resp: 3013
Ion Ratio Lower Upper
43 100
74 25.8 16.6 24.8#

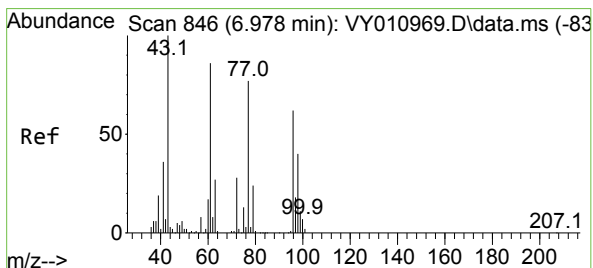
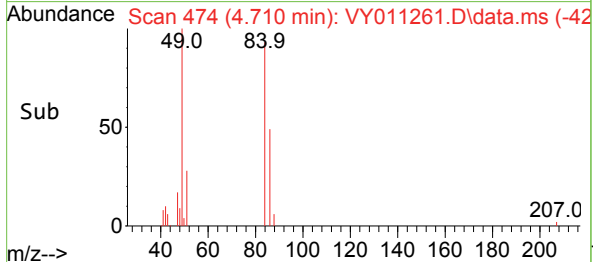
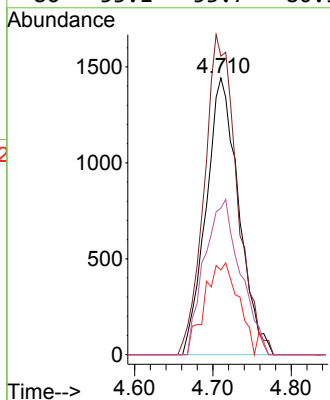
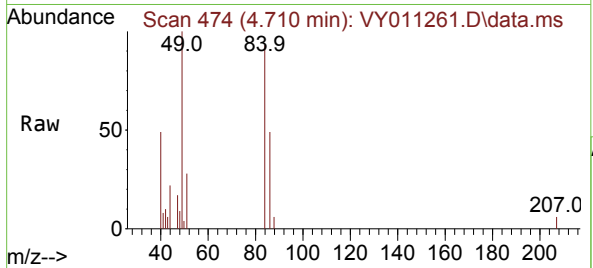




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011261.D
Acq: 02 Nov 2022 14:41

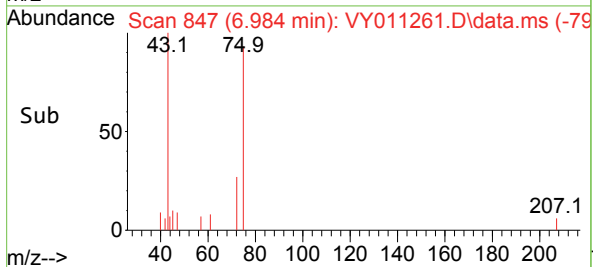
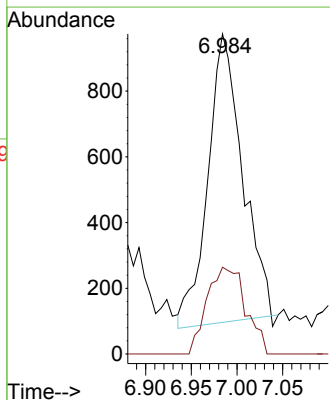
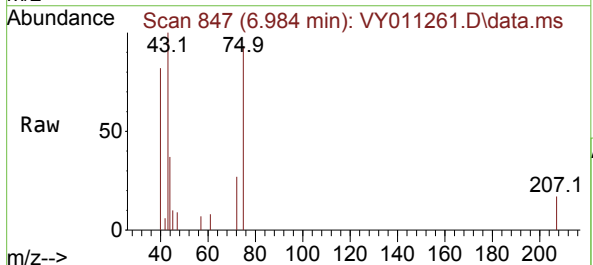
Instrument :
MSVOA_Y
ClientSampleId :
S-10-103122

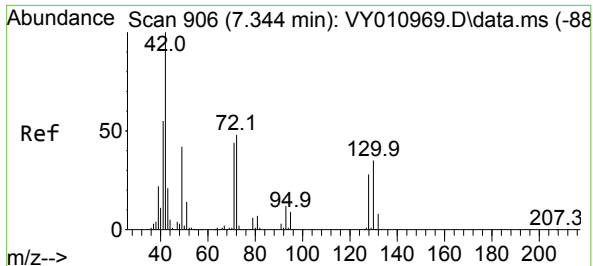
Tgt Ion: 84 Resp: 4177
Ion Ratio Lower Upper
84 100
49 107.9 114.4 171.6#
51 30.6 35.3 52.9#
86 53.1 53.7 80.5#



#25
2-Butanone
Concen: 2.219 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY011261.D
Acq: 02 Nov 2022 14:41

Tgt Ion: 43 Resp: 2309
Ion Ratio Lower Upper
43 100
72 30.9 17.7 26.5#





#29

Tetrahydrofuran

Concen: 1.301 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY011261.D

Acq: 02 Nov 2022 14:41

Instrument :

MSVOA_Y

ClientSampleId :

S-10-103122

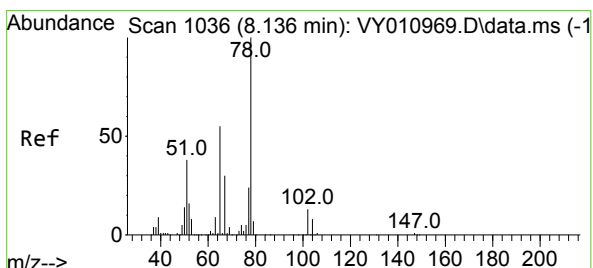
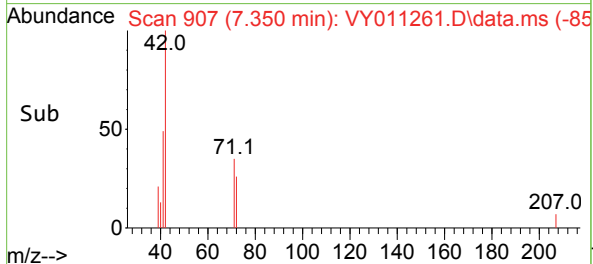
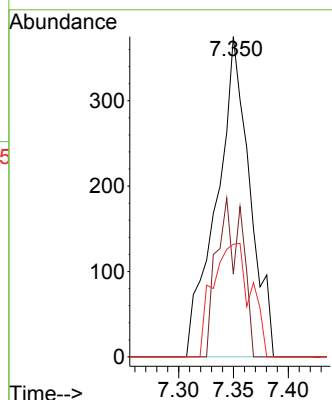
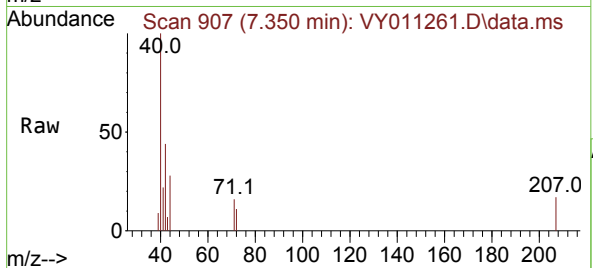
Tgt Ion: 42 Resp: 788

Ion Ratio Lower Upper

42 100

72 37.4 30.3 45.5

71 40.4 29.0 43.4



#33

1,2-Dichloroethane-d4

Concen: 39.301 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011261.D

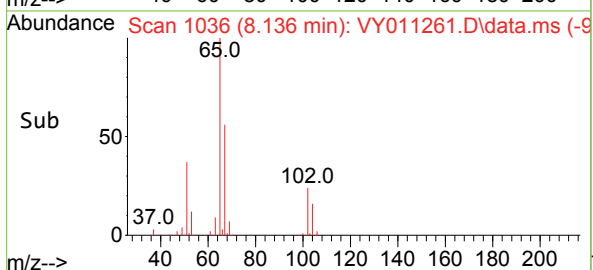
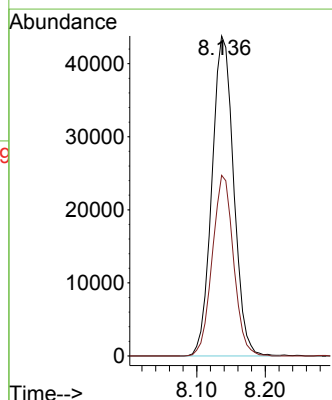
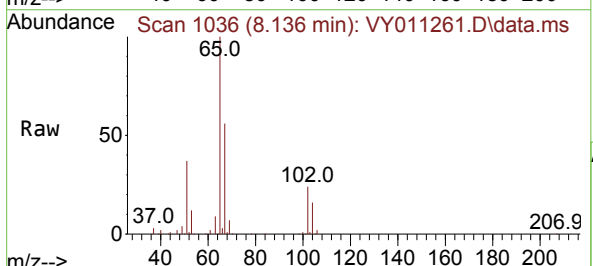
Acq: 02 Nov 2022 14:41

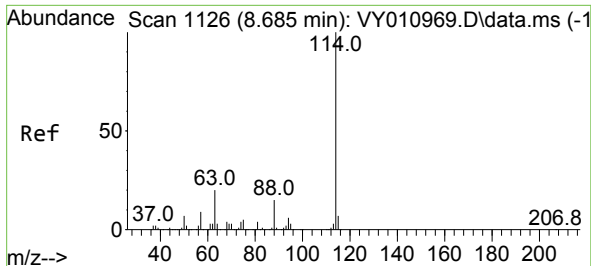
Tgt Ion: 65 Resp: 96304

Ion Ratio Lower Upper

65 100

67 55.3 0.0 99.4

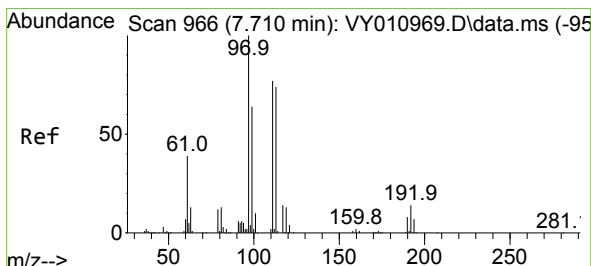
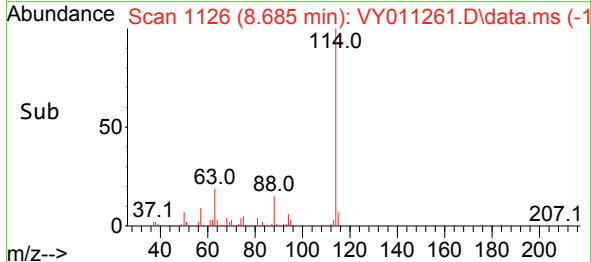
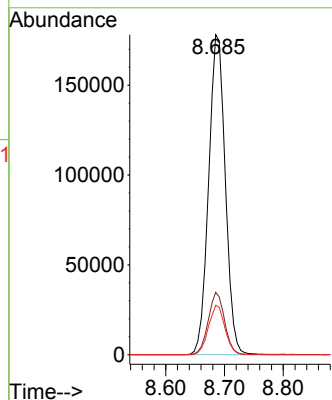
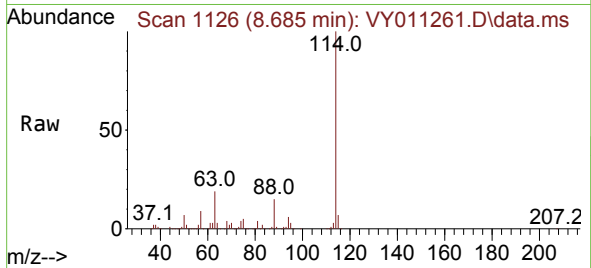




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011261.D
Acq: 02 Nov 2022 14:41

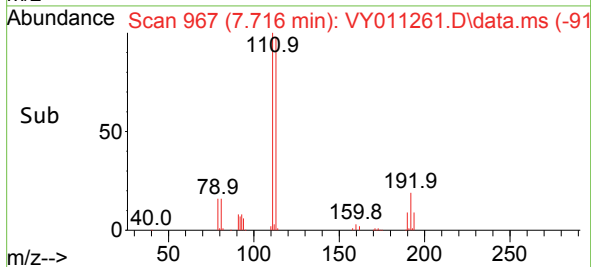
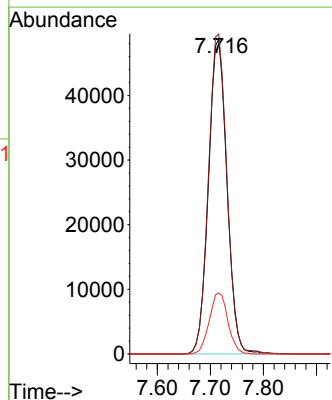
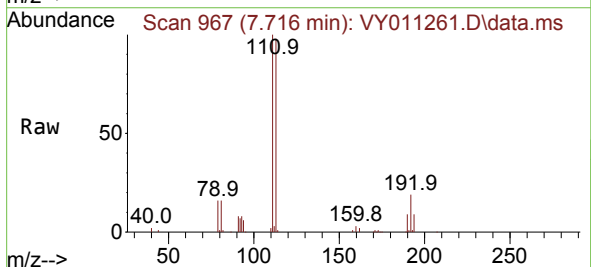
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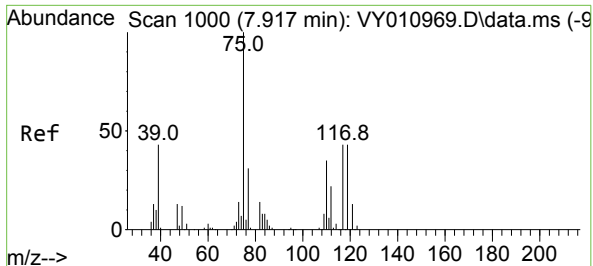
Tgt Ion:114 Resp: 351196
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.2
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.204 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011261.D
Acq: 02 Nov 2022 14:41

Tgt Ion:113 Resp: 117794
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 19.5 17.6 26.4

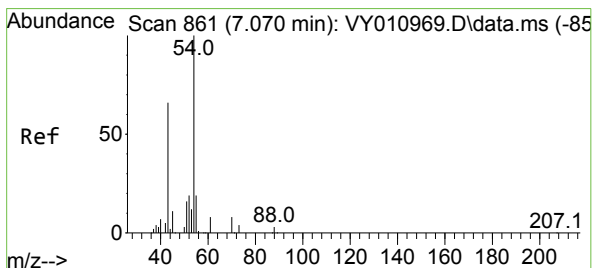
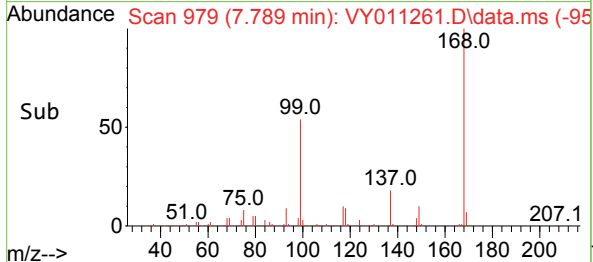
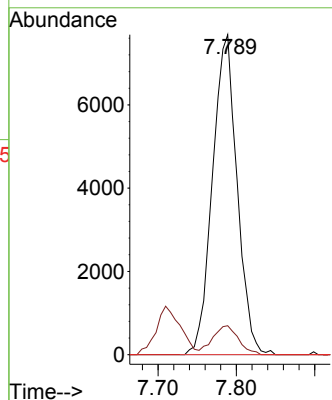
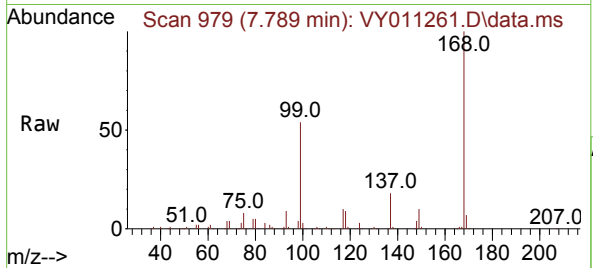




#36
1,1-Dichloropropene
Concen: 4.556 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY011261.D
Acq: 02 Nov 2022 14:41

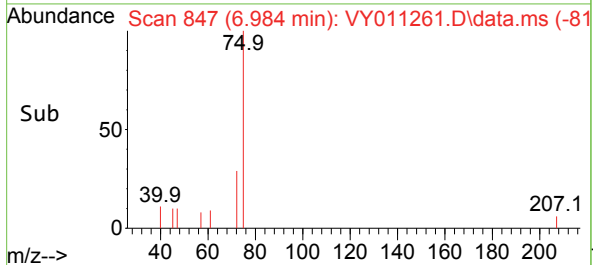
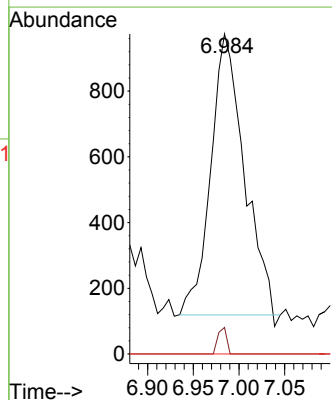
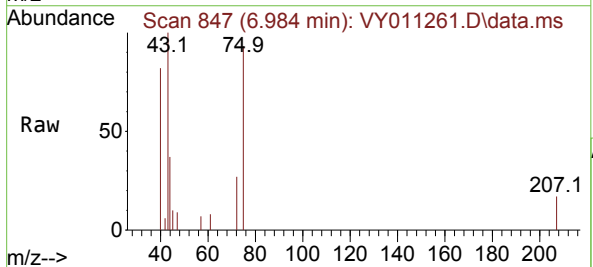
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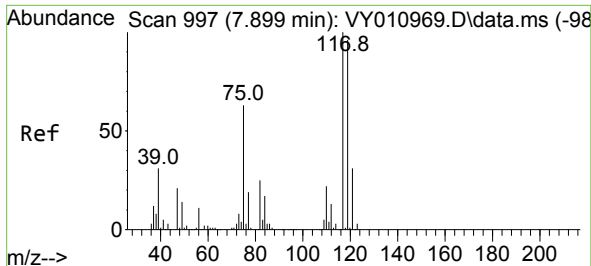
Tgt Ion: 75 Resp: 16787
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.094 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.086 min
Lab File: VY011261.D
Acq: 02 Nov 2022 14:41

Tgt Ion: 43 Resp: 2174
Ion Ratio Lower Upper
43 100
61 2.5 9.7 14.5#
70 0.0 7.1 10.7#

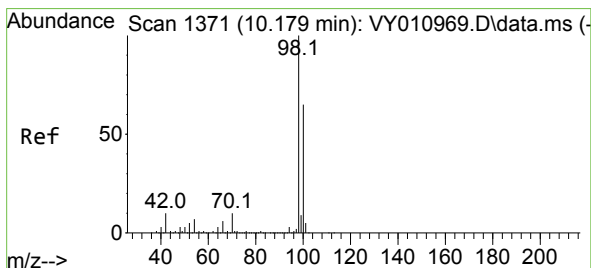
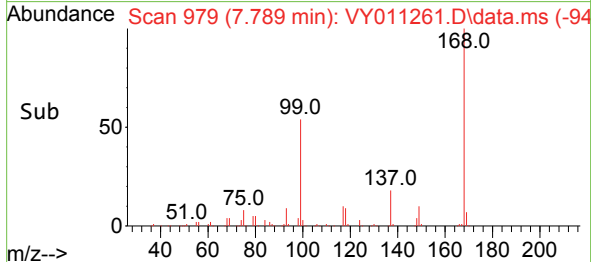
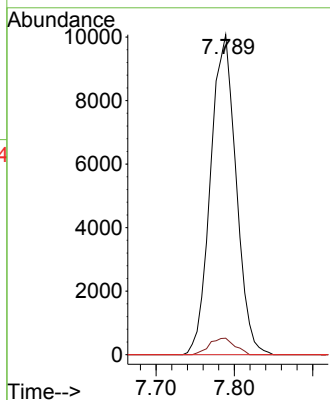
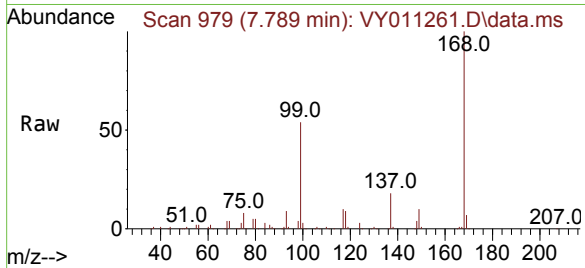




#38
Carbon Tetrachloride
Concen: 5.972 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011261.D
Acq: 02 Nov 2022 14:41

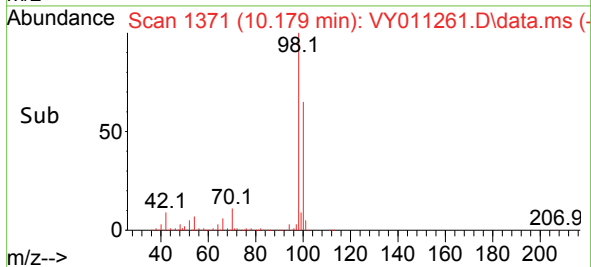
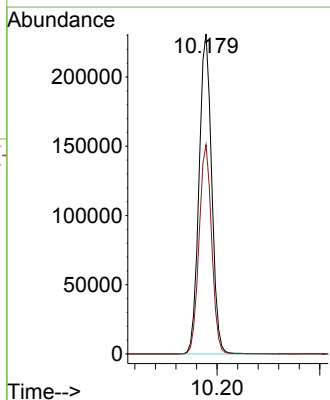
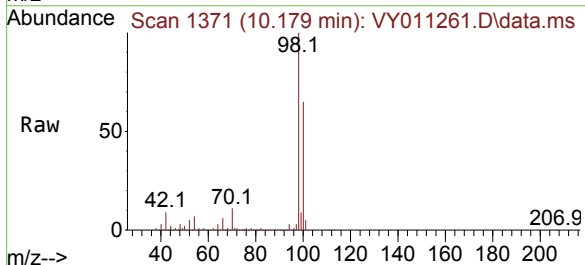
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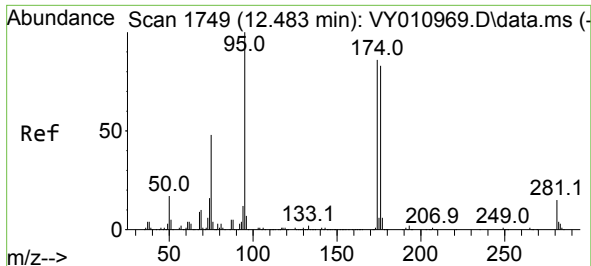
Tgt Ion:117 Resp: 22831
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 44.882 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011261.D
Acq: 02 Nov 2022 14:41

Tgt Ion: 98 Resp: 393198
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

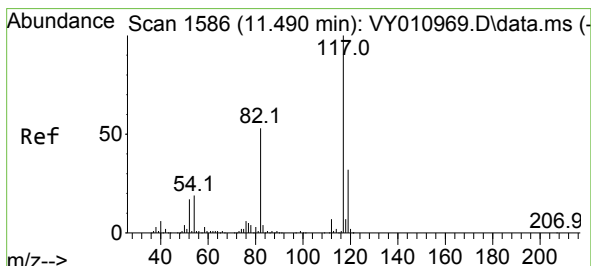
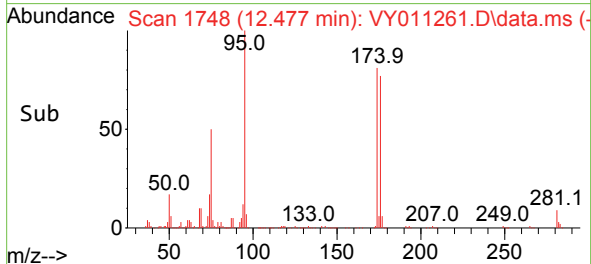
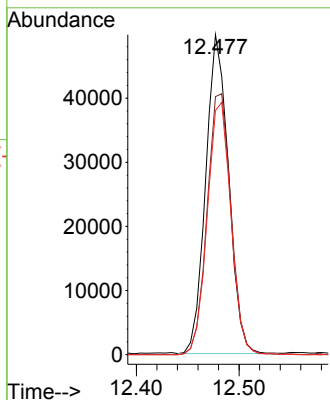
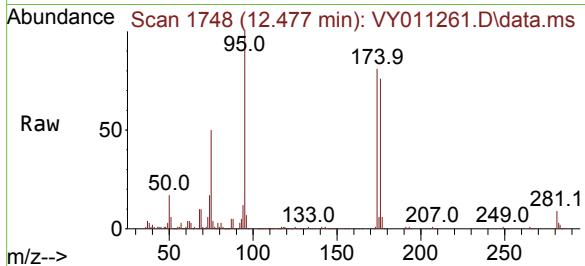




#62
4-Bromofluorobenzene
Concen: 25.205 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011261.D
Acq: 02 Nov 2022 14:41

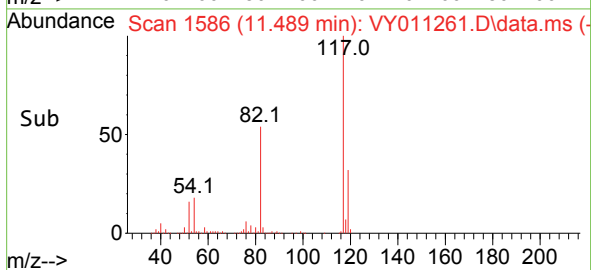
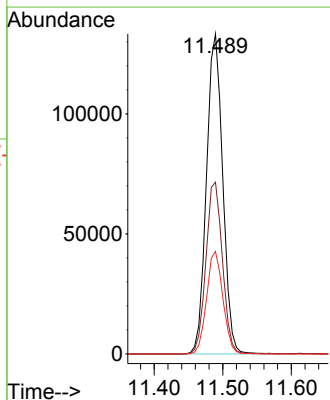
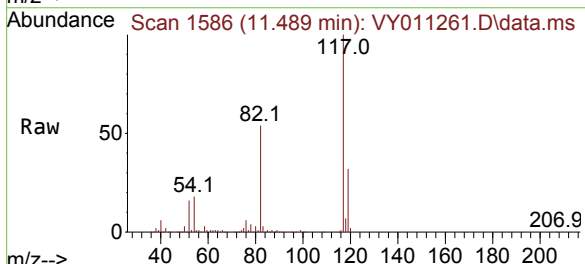
Instrument :
MSVOA_Y
ClientSampleId :
S-10-103122

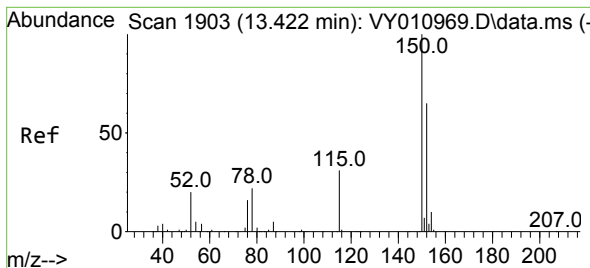
Tgt Ion: 95 Resp: 76659
Ion Ratio Lower Upper
95 100
174 86.0 0.0 177.0
176 82.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011261.D
Acq: 02 Nov 2022 14:41

Tgt Ion: 117 Resp: 220052
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 32.0 25.4 38.0

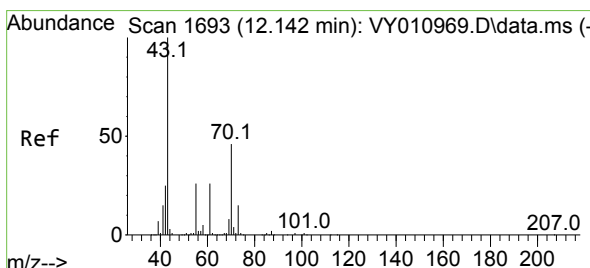
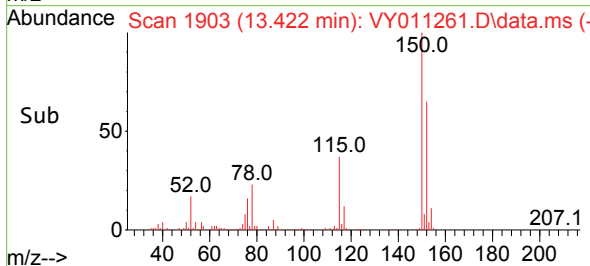
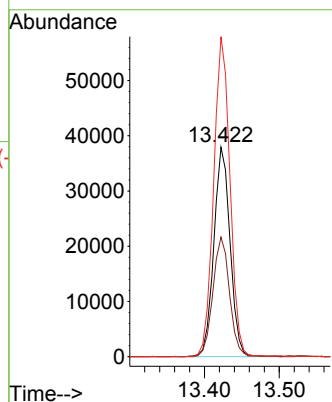
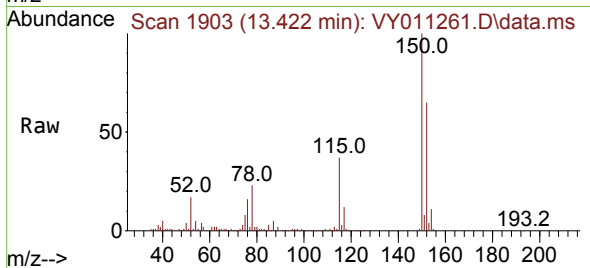




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011261.D
Acq: 02 Nov 2022 14:41

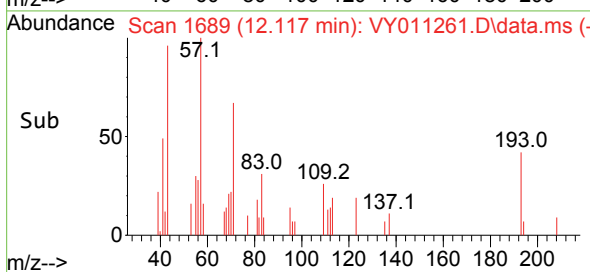
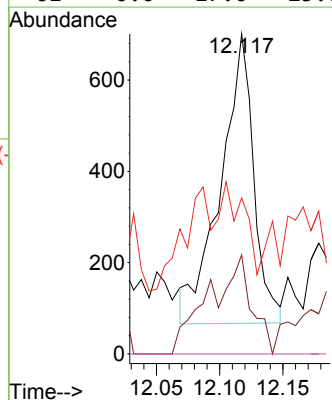
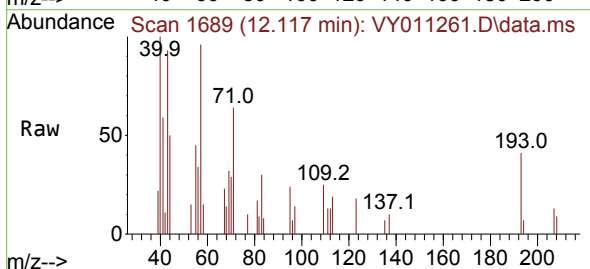
Instrument :
MSVOA_Y
ClientSampleId :
S-10-103122

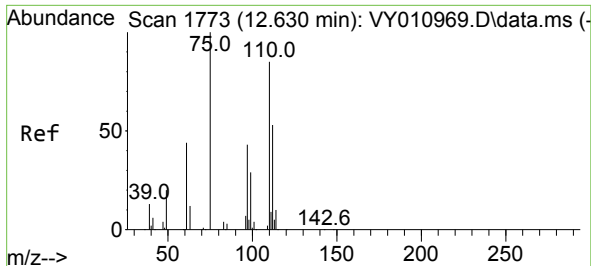
Tgt Ion:152 Resp: 57140
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 153.5 0.0 347.6



#74
N-ethyl acetate
Concen: 1.074 ug/l
RT: 12.117 min Scan# 1689
Delta R.T. -0.025 min
Lab File: VY011261.D
Acq: 02 Nov 2022 14:41

Tgt Ion: 43 Resp: 1152
Ion Ratio Lower Upper
43 100
70 24.9 28.7 43.1#
55 0.0 17.3 25.9#
61 0.0 17.0 25.6#

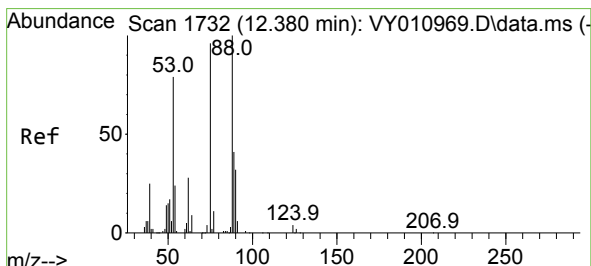
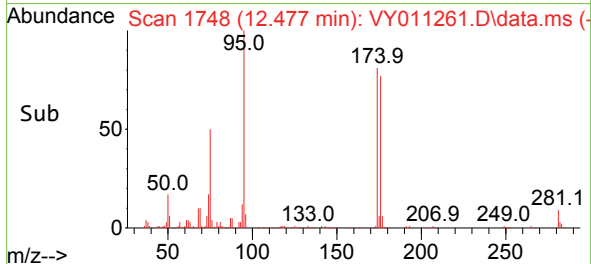
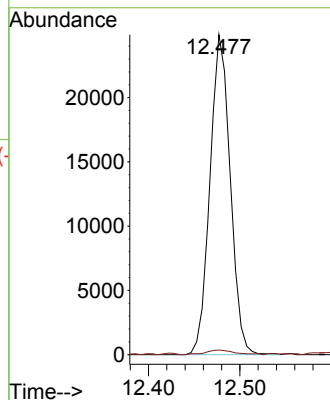
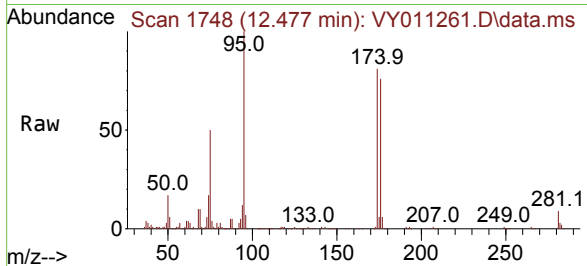




#76
1,2,3-Trichloropropane
Concen: 55.136 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011261.D
Acq: 02 Nov 2022 14:41

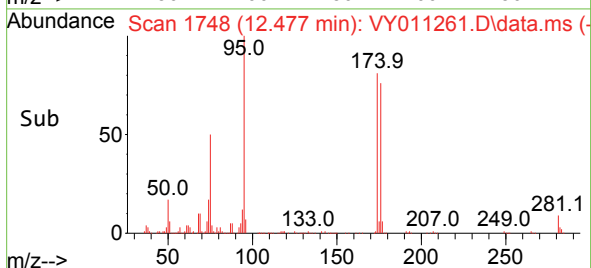
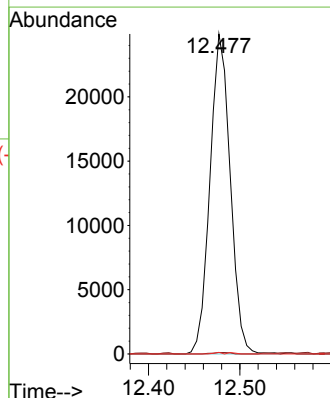
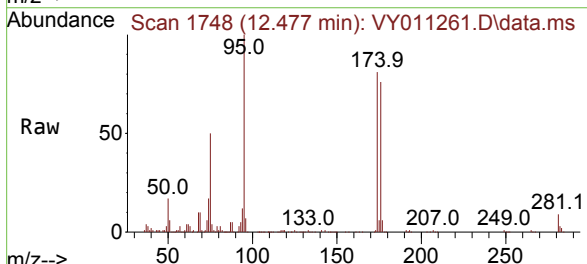
Instrument :
MSVOA_Y
ClientSampleId :
S-10-103122

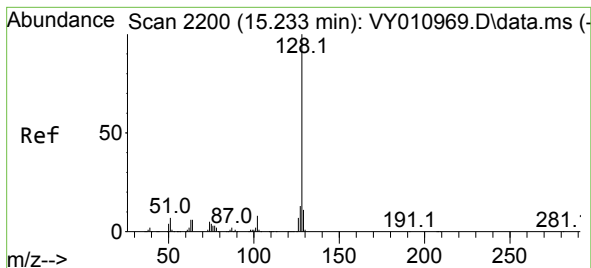
Tgt Ion: 75 Resp: 38354
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.997 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011261.D
Acq: 02 Nov 2022 14:41

Tgt Ion: 75 Resp: 38354
Ion Ratio Lower Upper
75 100
53 0.4 85.3 127.9#
89 0.2 37.0 55.4#





#95

Naphthalene

Concen: 4.254 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY011261.D

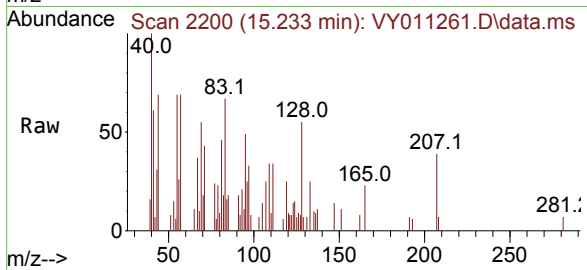
Acq: 02 Nov 2022 14:41

Instrument :

MSVOA_Y

ClientSampleId :

S-10-103122



Tgt Ion:	128	Resp:	787
Ion	Ratio	Lower	Upper
128	100		
127	23.8	11.0	16.4#
129	10.0	8.4	12.6

