

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011267.D
 Acq On : 02 Nov 2022 16:57
 Operator : KP/MD
 Sample : N5398-11
 Misc : 5.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-8-103122

Quant Time: Nov 03 05:18:10 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)

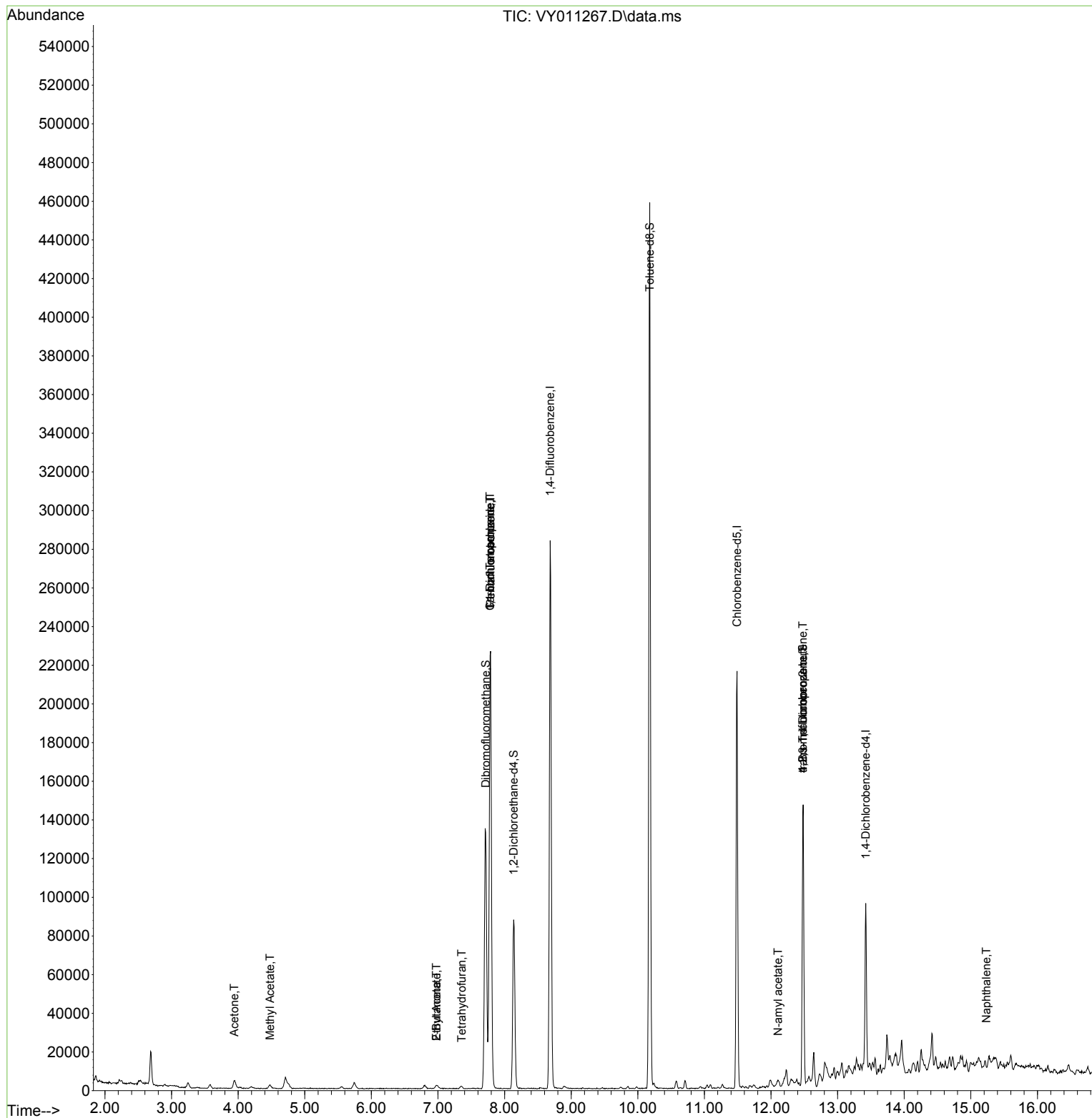
Internal Standards						
1) Pentafluorobenzene	7.789	168	182648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	250363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	124833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	23368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	68963	35.304	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	70.600%		
35) Dibromofluoromethane	7.716	113	99268	61.712	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	123.420%		
50) Toluene-d8	10.179	98	305663	48.942	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.880%		
62) 4-Bromofluorobenzene	12.477	95	41241	19.021	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	38.040%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	20	Below Cal	#	43
11) Tert butyl alcohol	4.942	59	180	Below Cal	#	77
16) Acetone	3.942	43	7272	12.332	ug/l #	85
18) Methyl Acetate	4.478	43	3429	2.197	ug/l #	90
20) Methylene Chloride	4.710	84	4000	Below Cal	#	82
25) 2-Butanone	6.978	43	2070	2.495	ug/l	98
29) Tetrahydrofuran	7.356	42	897	1.857	ug/l #	87
36) 1,1-Dichloropropene	7.783	75	13526	5.149	ug/l #	50
37) Ethyl Acetate	6.978	43	2070	1.462	ug/l #	72
38) Carbon Tetrachloride	7.783	117	17621	6.466	ug/l #	16
74) N-amyl acetate	12.105	43	1959	4.467	ug/l #	54
76) 1,2,3-Trichloropropane	12.477	75	20128	70.752	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	20128	151.419	ug/l #	8
95) Naphthalene	15.233	128	444	4.362	ug/l #	75

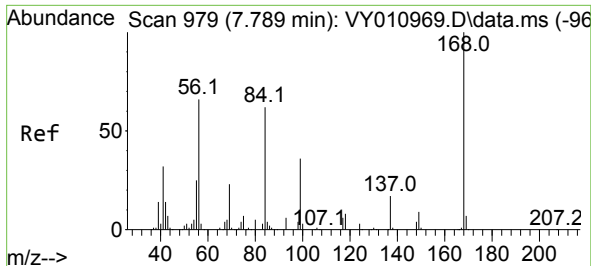
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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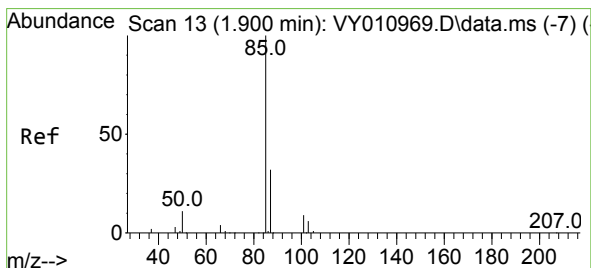
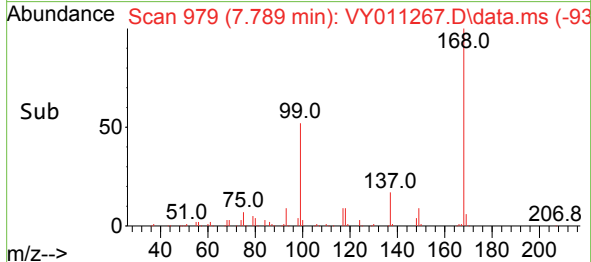
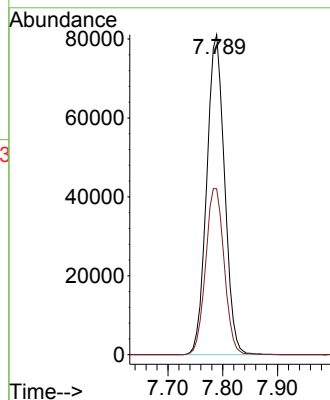
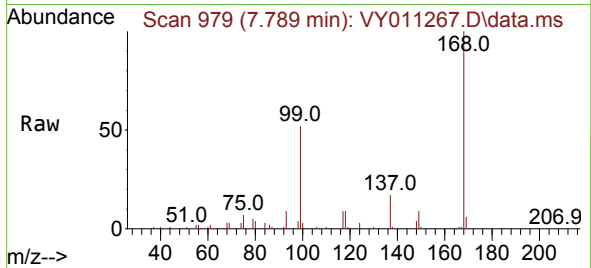




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011267.D
Acq: 02 Nov 2022 16:57

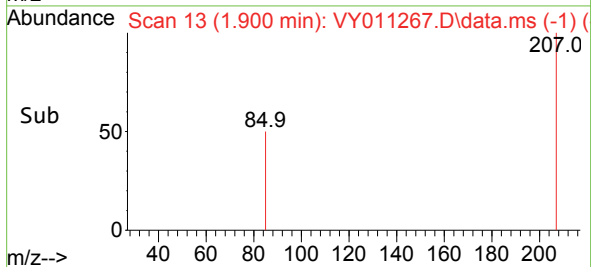
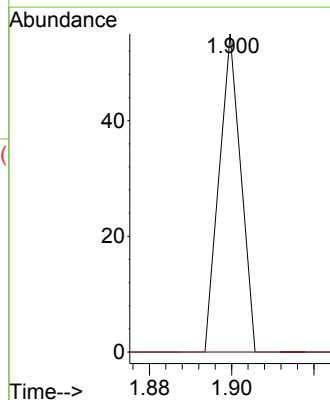
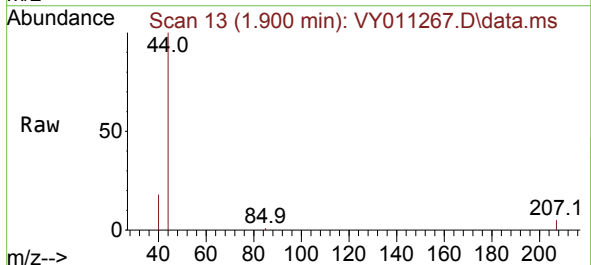
Instrument :
MSVOA_Y
ClientSampleId :
S-8-103122

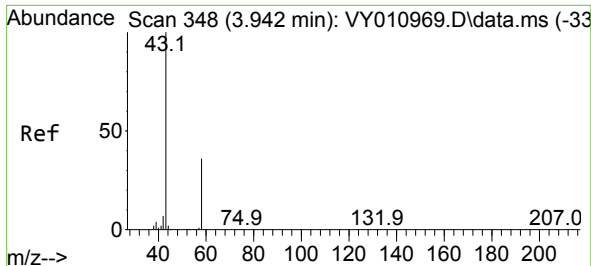
Tgt Ion:168 Resp: 182648
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011267.D
Acq: 02 Nov 2022 16:57

Tgt Ion: 85 Resp: 20
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

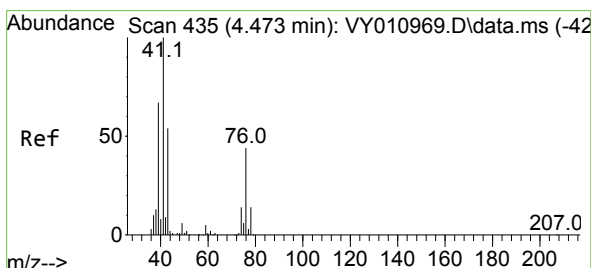
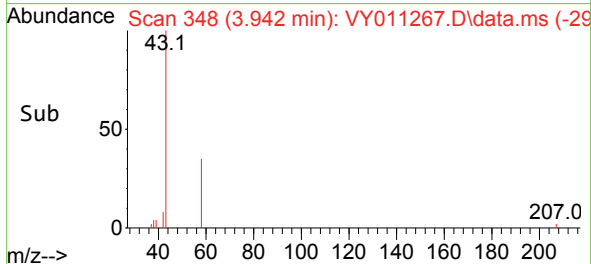
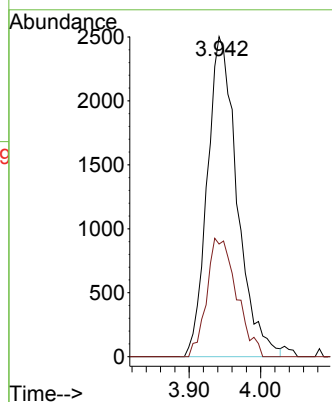
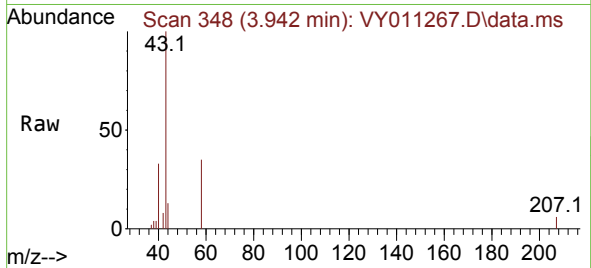




#16
Acetone
Concen: 12.332 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY011267.D
Acq: 02 Nov 2022 16:57

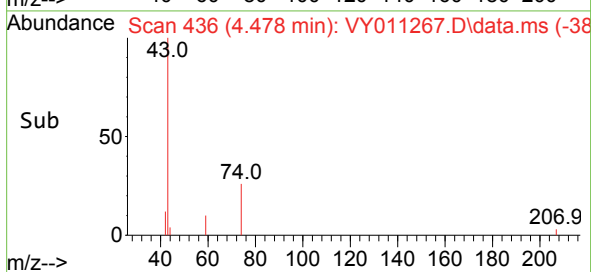
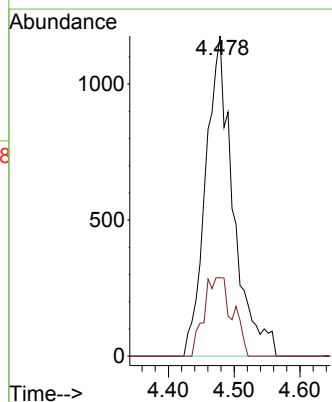
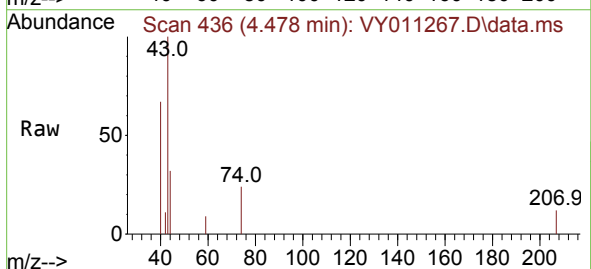
Instrument :
MSVOA_Y
ClientSampleId :
S-8-103122

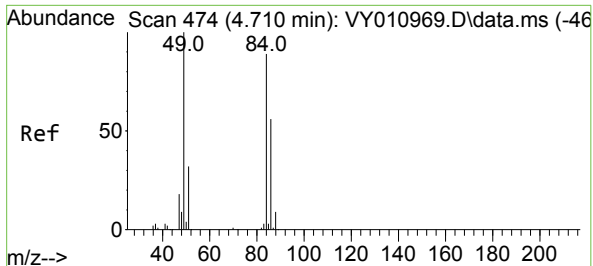
Tgt Ion: 43 Resp: 7272
Ion Ratio Lower Upper
43 100
58 35.2 22.0 33.0#



#18
Methyl Acetate
Concen: 2.197 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY011267.D
Acq: 02 Nov 2022 16:57

Tgt Ion: 43 Resp: 3429
Ion Ratio Lower Upper
43 100
74 25.4 16.6 24.8#

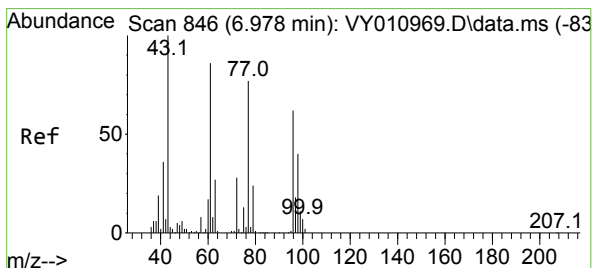
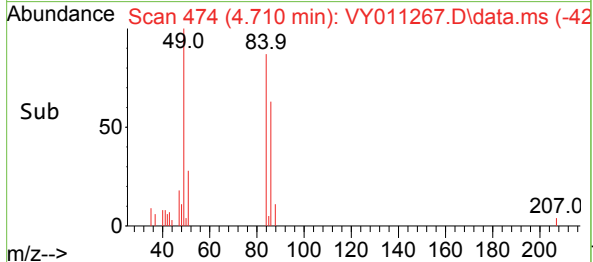
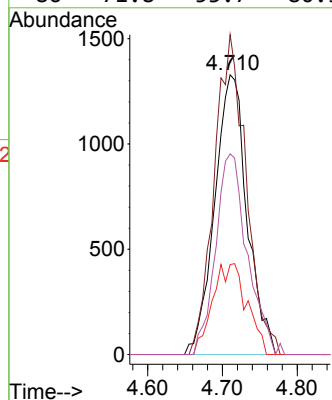
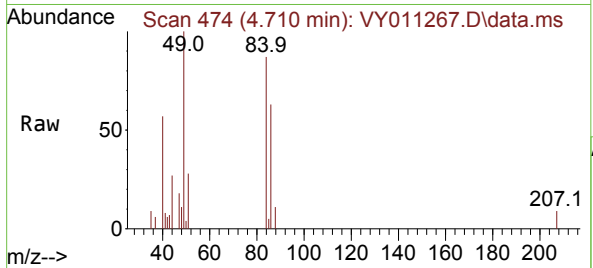




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011267.D
Acq: 02 Nov 2022 16:57

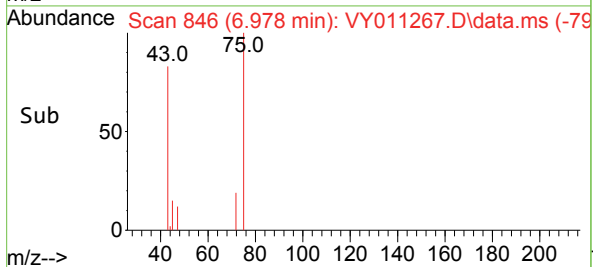
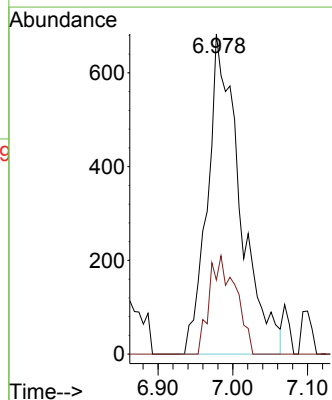
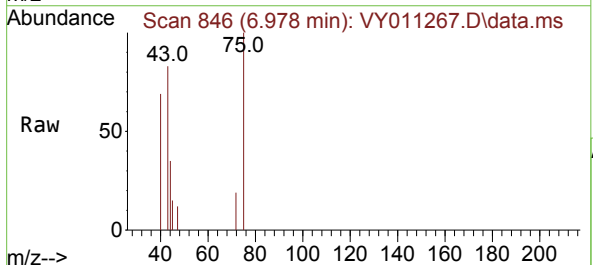
Instrument :
MSVOA_Y
ClientSampleId :
S-8-103122

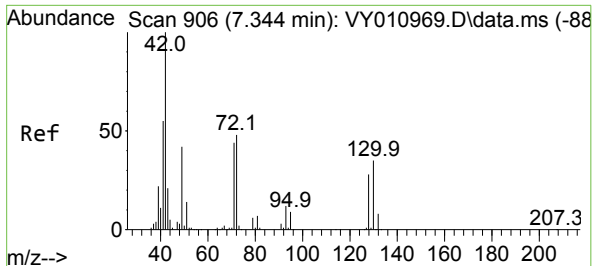
Tgt Ion:	84	Resp:	4000
Ion	Ratio	Lower	Upper
84	100		
49	114.4	114.4	171.6#
51	32.2	35.3	52.9#
86	71.8	53.7	80.5



#25
2-Butanone
Concen: 2.495 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY011267.D
Acq: 02 Nov 2022 16:57

Tgt Ion:	43	Resp:	2070
Ion	Ratio	Lower	Upper
43	100		
72	23.1	17.7	26.5





#29

Tetrahydrofuran

Concen: 1.857 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY011267.D

Acq: 02 Nov 2022 16:57

Instrument :

MSVOA_Y

ClientSampleId :

S-8-103122

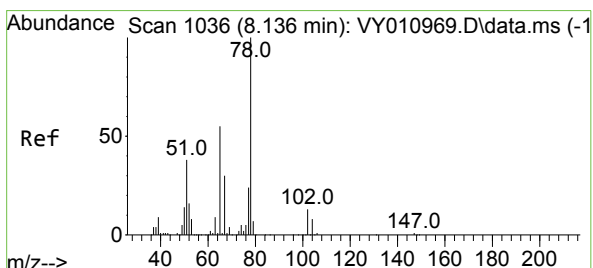
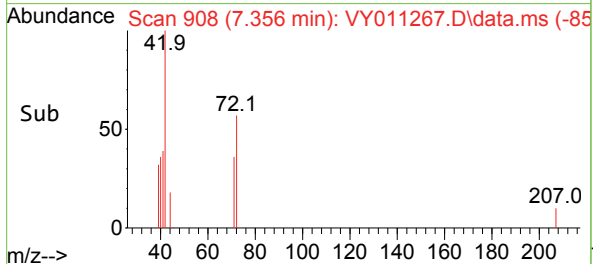
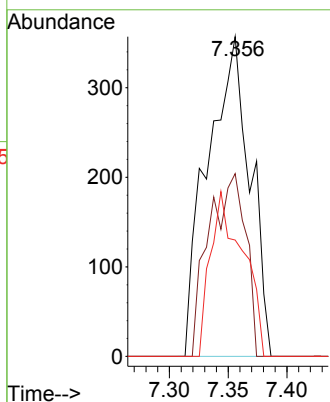
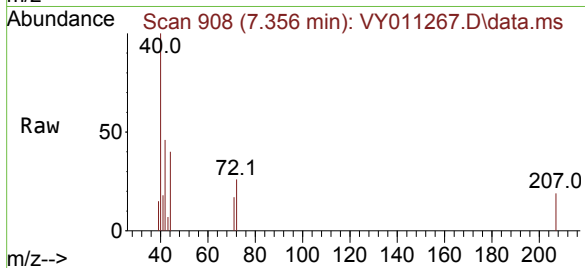
Tgt Ion: 42 Resp: 897

Ion Ratio Lower Upper

42 100

72 49.6 30.3 45.5#

71 39.7 29.0 43.4



#33

1,2-Dichloroethane-d4

Concen: 35.304 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011267.D

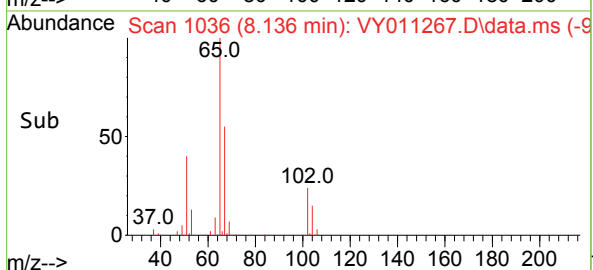
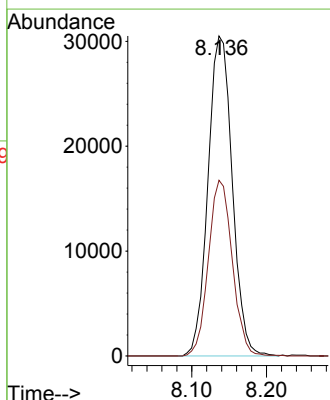
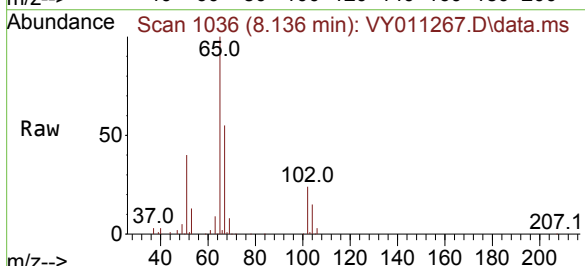
Acq: 02 Nov 2022 16:57

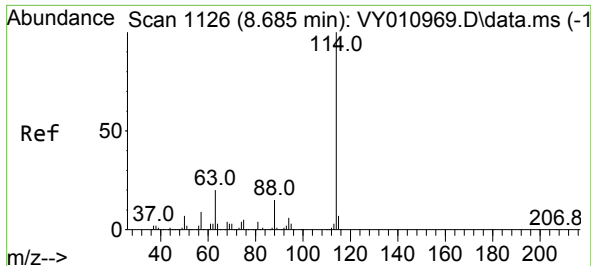
Tgt Ion: 65 Resp: 68963

Ion Ratio Lower Upper

65 100

67 54.1 0.0 99.4

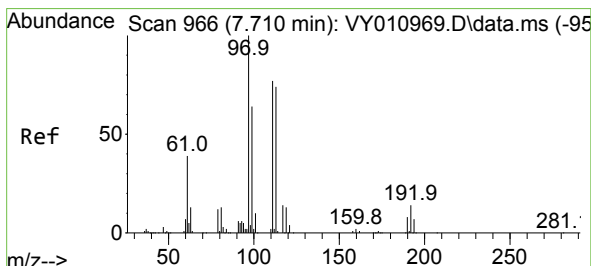
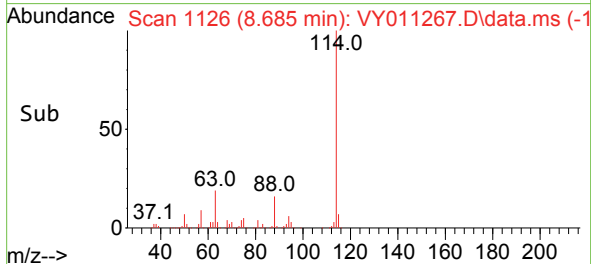
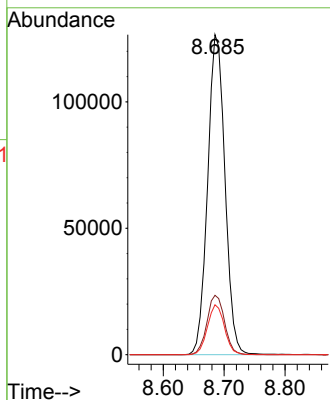
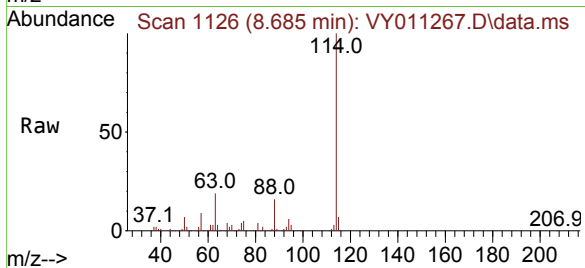




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY011267.D
Acq: 02 Nov 2022 16:57

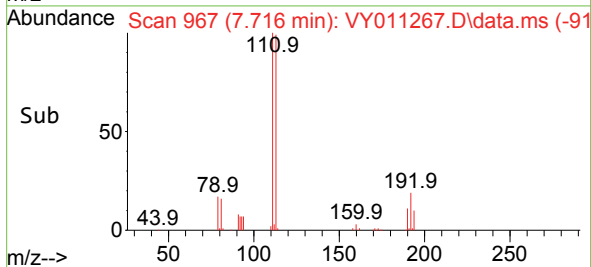
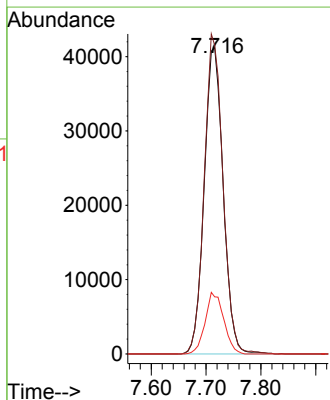
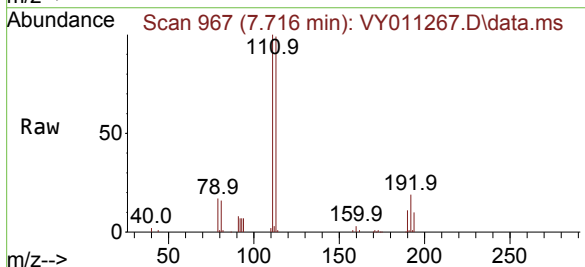
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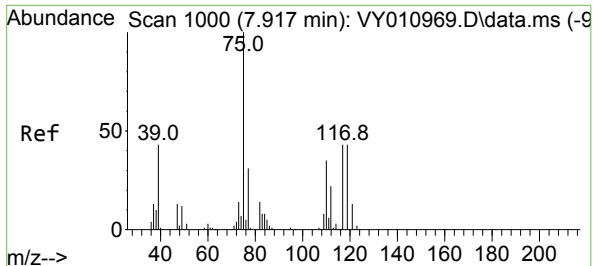
Tgt Ion:114 Resp: 250363
Ion Ratio Lower Upper
114 100
63 18.5 0.0 43.2
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 61.712 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011267.D
Acq: 02 Nov 2022 16:57

Tgt Ion:113 Resp: 99268
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 19.6 17.6 26.4

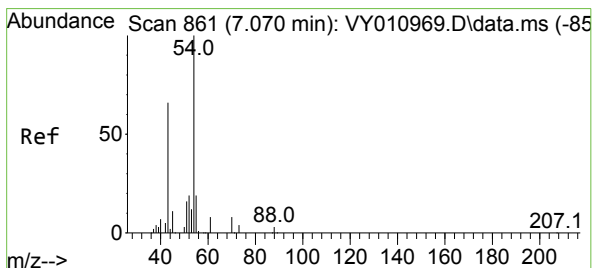
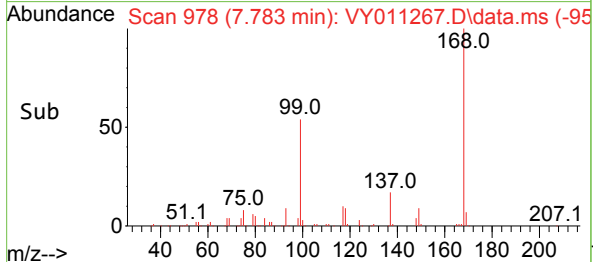
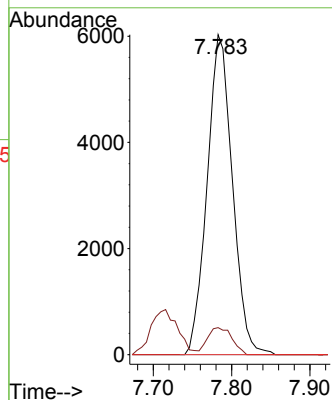
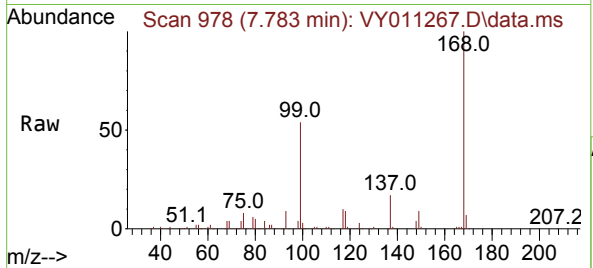




#36
1,1-Dichloropropene
Concen: 5.149 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011267.D
Acq: 02 Nov 2022 16:57

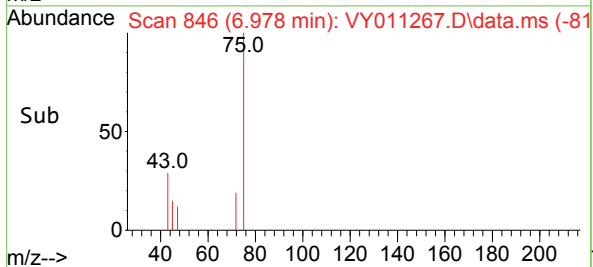
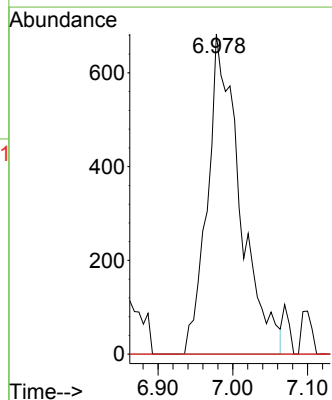
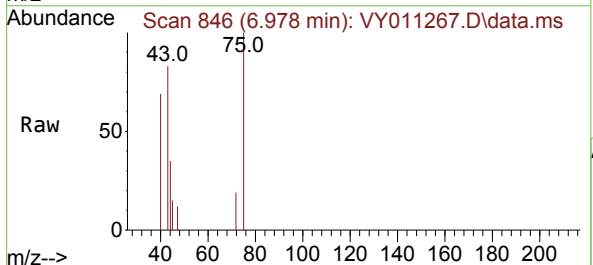
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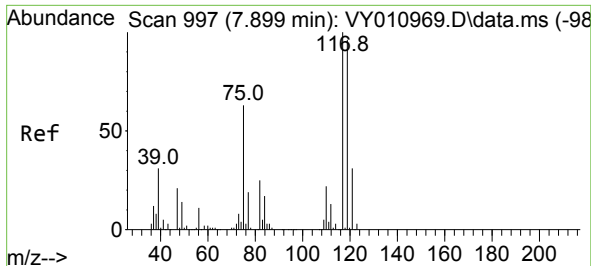
Tgt Ion: 75 Resp: 13526
Ion Ratio Lower Upper
75 100
110 8.1 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.462 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.092 min
Lab File: VY011267.D
Acq: 02 Nov 2022 16:57

Tgt Ion: 43 Resp: 2070
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.0 7.1 10.7#

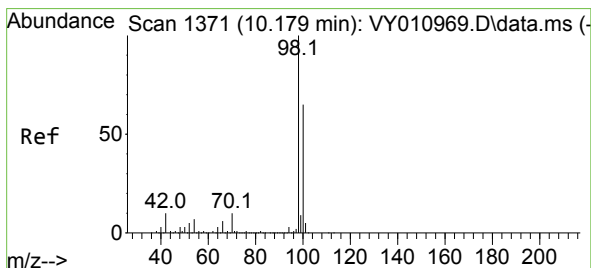
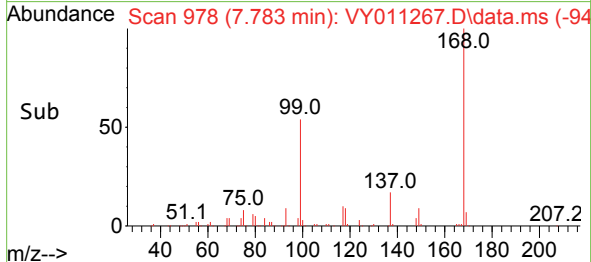
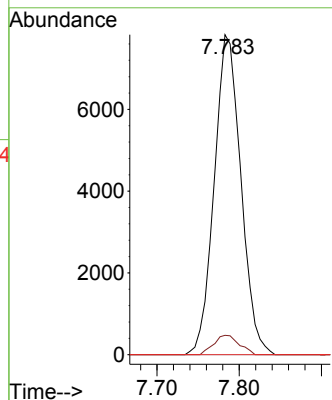
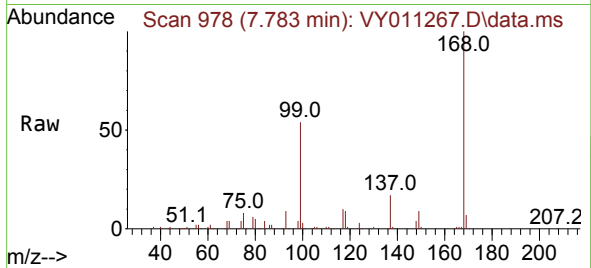




#38
Carbon Tetrachloride
Concen: 6.466 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011267.D
Acq: 02 Nov 2022 16:57

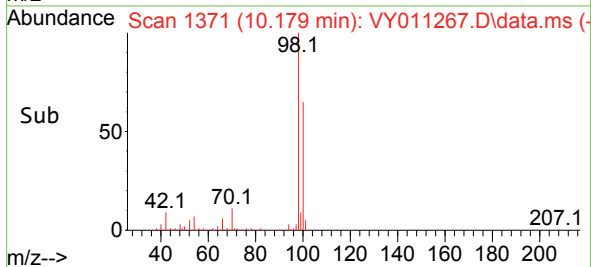
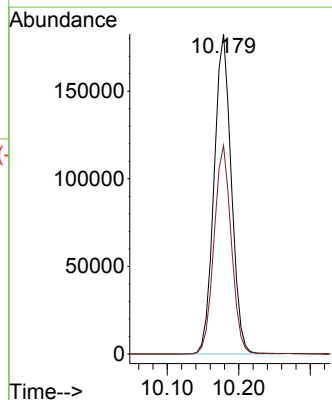
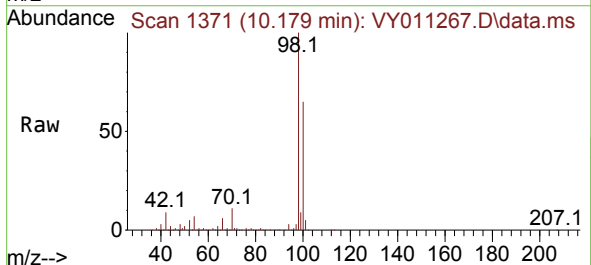
Instrument :
MSVOA_Y
ClientSampleId :
S-8-103122

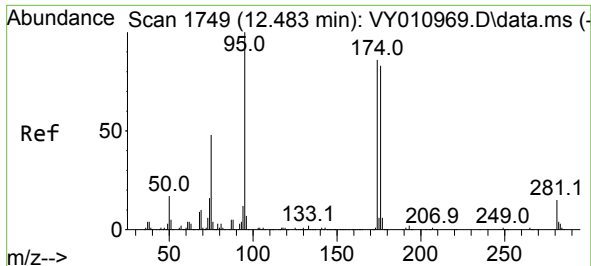
Tgt Ion:117 Resp: 17621
Ion Ratio Lower Upper
117 100
119 6.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.942 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011267.D
Acq: 02 Nov 2022 16:57

Tgt Ion: 98 Resp: 305663
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

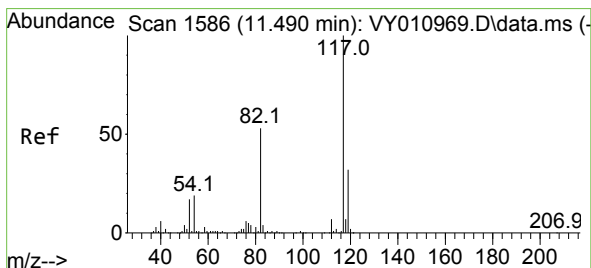
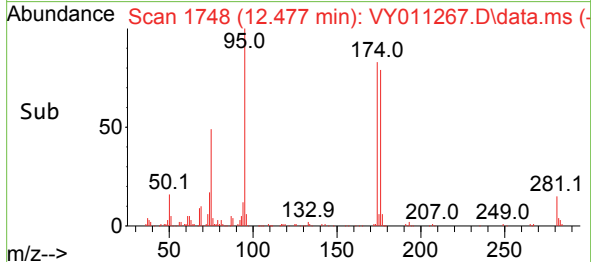
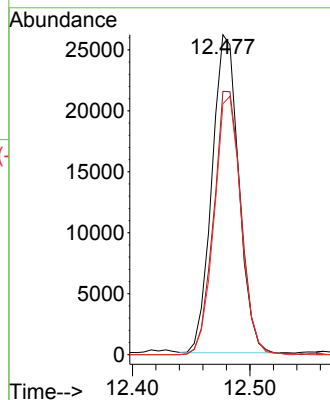
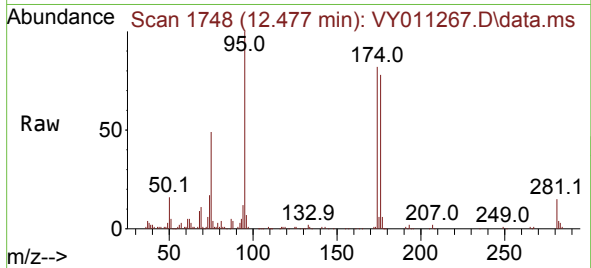




#62
4-Bromofluorobenzene
Concen: 19.021 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011267.D
Acq: 02 Nov 2022 16:57

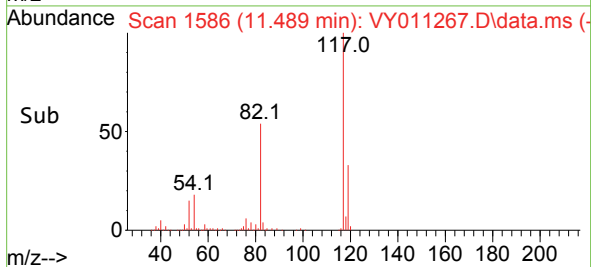
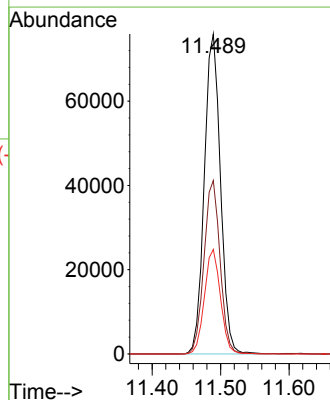
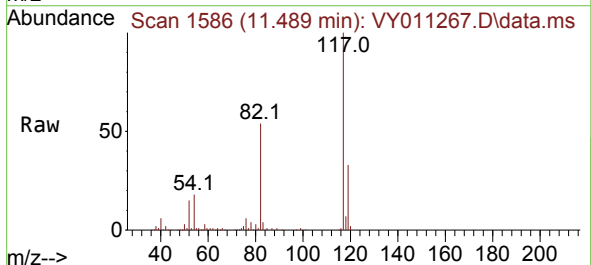
Instrument :
MSVOA_Y
ClientSampleId :
S-8-103122

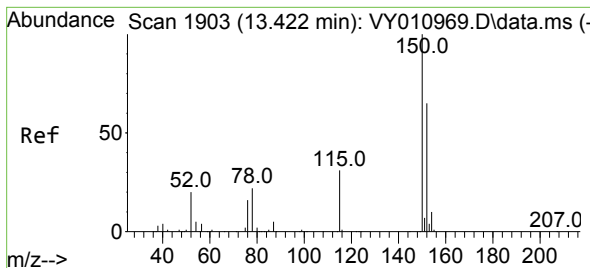
Tgt Ion: 95 Resp: 41241
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 81.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011267.D
Acq: 02 Nov 2022 16:57

Tgt Ion: 117 Resp: 124833
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 32.6 25.4 38.0

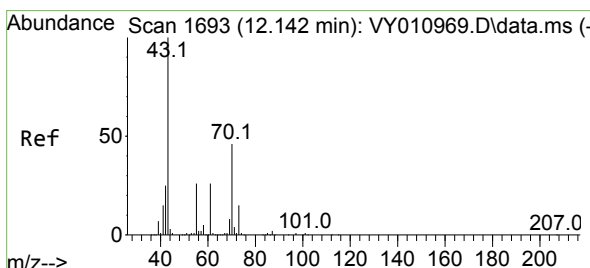
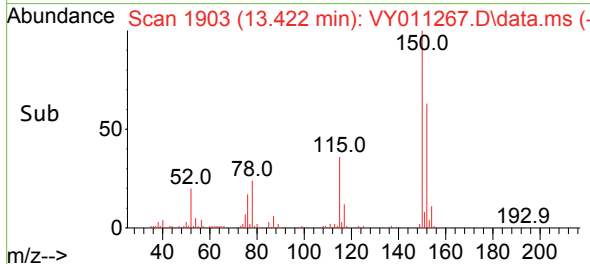
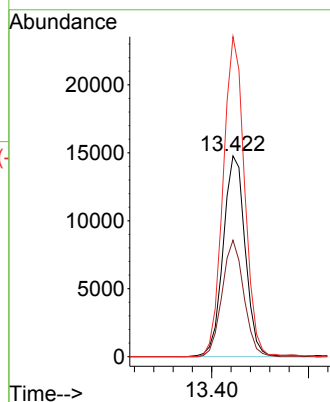
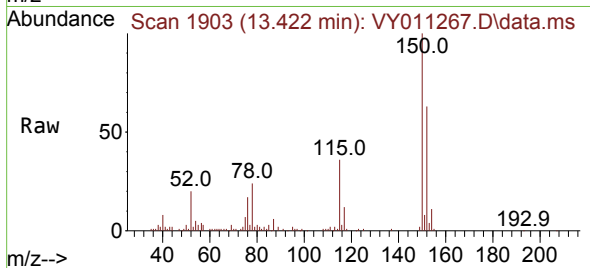




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011267.D
Acq: 02 Nov 2022 16:57

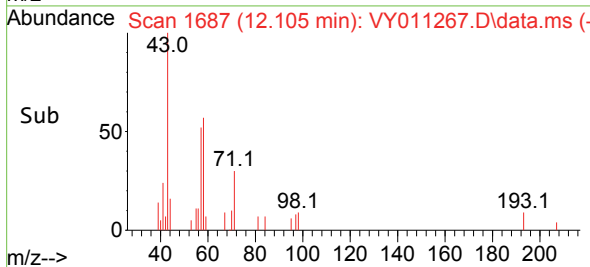
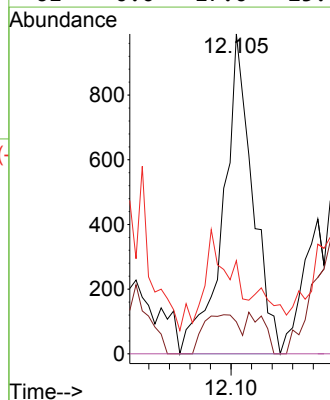
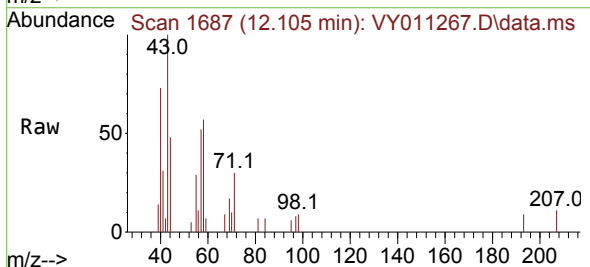
Instrument :
MSVOA_Y
ClientSampleId :
S-8-103122

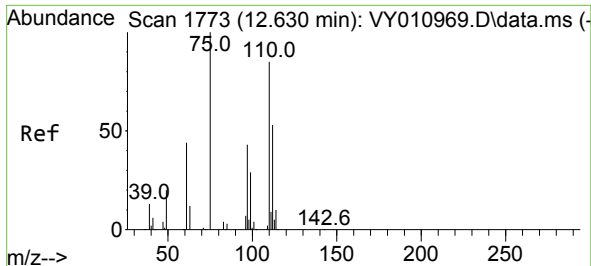
Tgt Ion:152 Resp: 23368
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.7
150 154.4 0.0 347.6



#74
N-ethyl acetate
Concen: 4.467 ug/l
RT: 12.105 min Scan# 1687
Delta R.T. -0.037 min
Lab File: VY011267.D
Acq: 02 Nov 2022 16:57

Tgt Ion: 43 Resp: 1959
Ion Ratio Lower Upper
43 100
70 7.9 28.7 43.1#
55 0.0 17.3 25.9#
61 0.0 17.0 25.6#

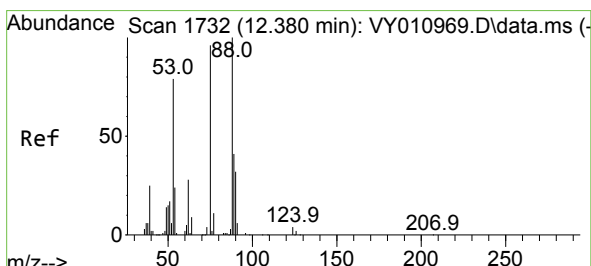
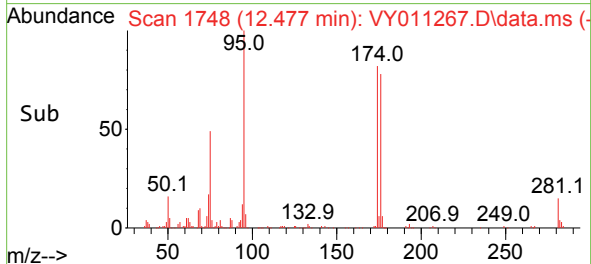
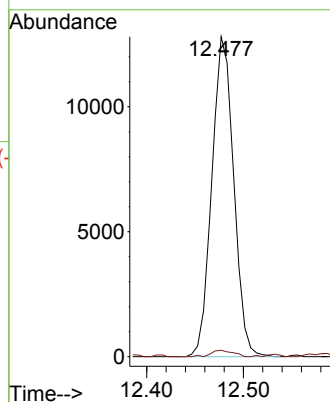
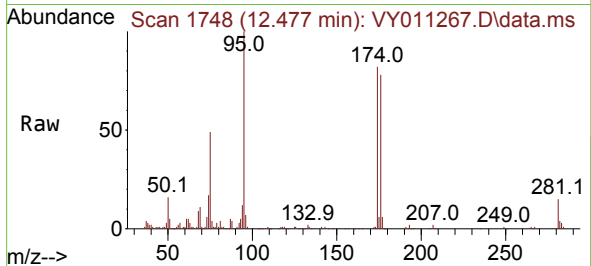




#76
 1,2,3-Trichloropropane
 Concen: 70.752 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY011267.D
 Acq: 02 Nov 2022 16:57

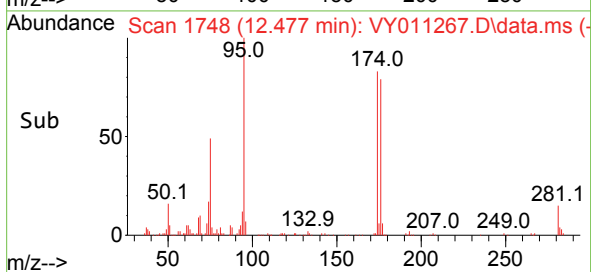
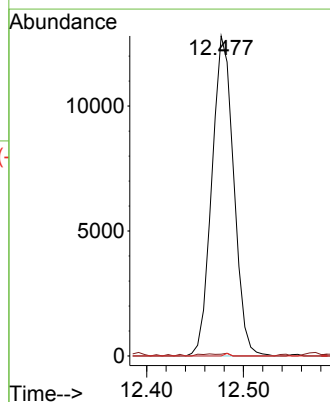
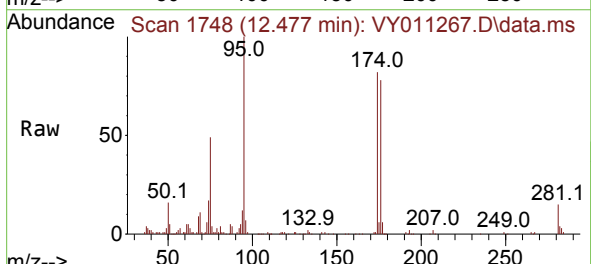
Instrument :
 MSVOA_Y
 ClientSampleId :
 S-8-103122

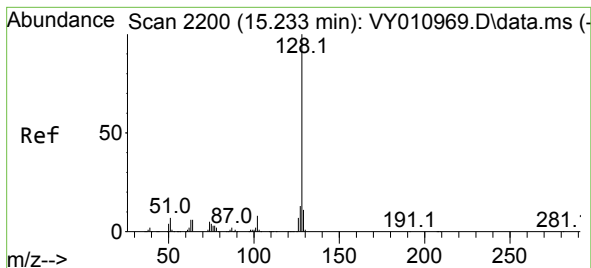
Tgt Ion: 75 Resp: 20128
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 151.419 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.097 min
 Lab File: VY011267.D
 Acq: 02 Nov 2022 16:57

Tgt Ion: 75 Resp: 20128
 Ion Ratio Lower Upper
 75 100
 53 0.8 85.3 127.9#
 89 0.2 37.0 55.4#





#95

Naphthalene

Concen: 4.362 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY011267.D

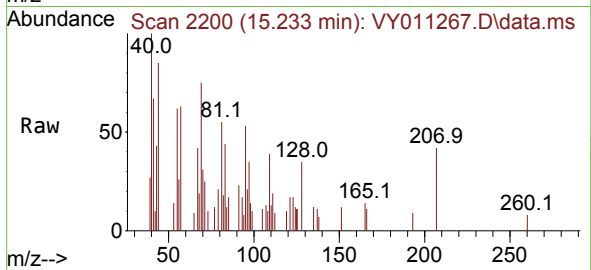
Acq: 02 Nov 2022 16:57

Instrument :

MSVOA_Y

ClientSampleId :

S-8-103122



Tgt Ion:128 Resp: 444

Ion Ratio Lower Upper

128 100

127 23.0 11.0 16.4#

129 0.0 8.4 12.6#

