

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011257.D
 Acq On : 02 Nov 2022 13:11
 Operator : KP/MD
 Sample : N5336-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Nov 03 05:14:45 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)

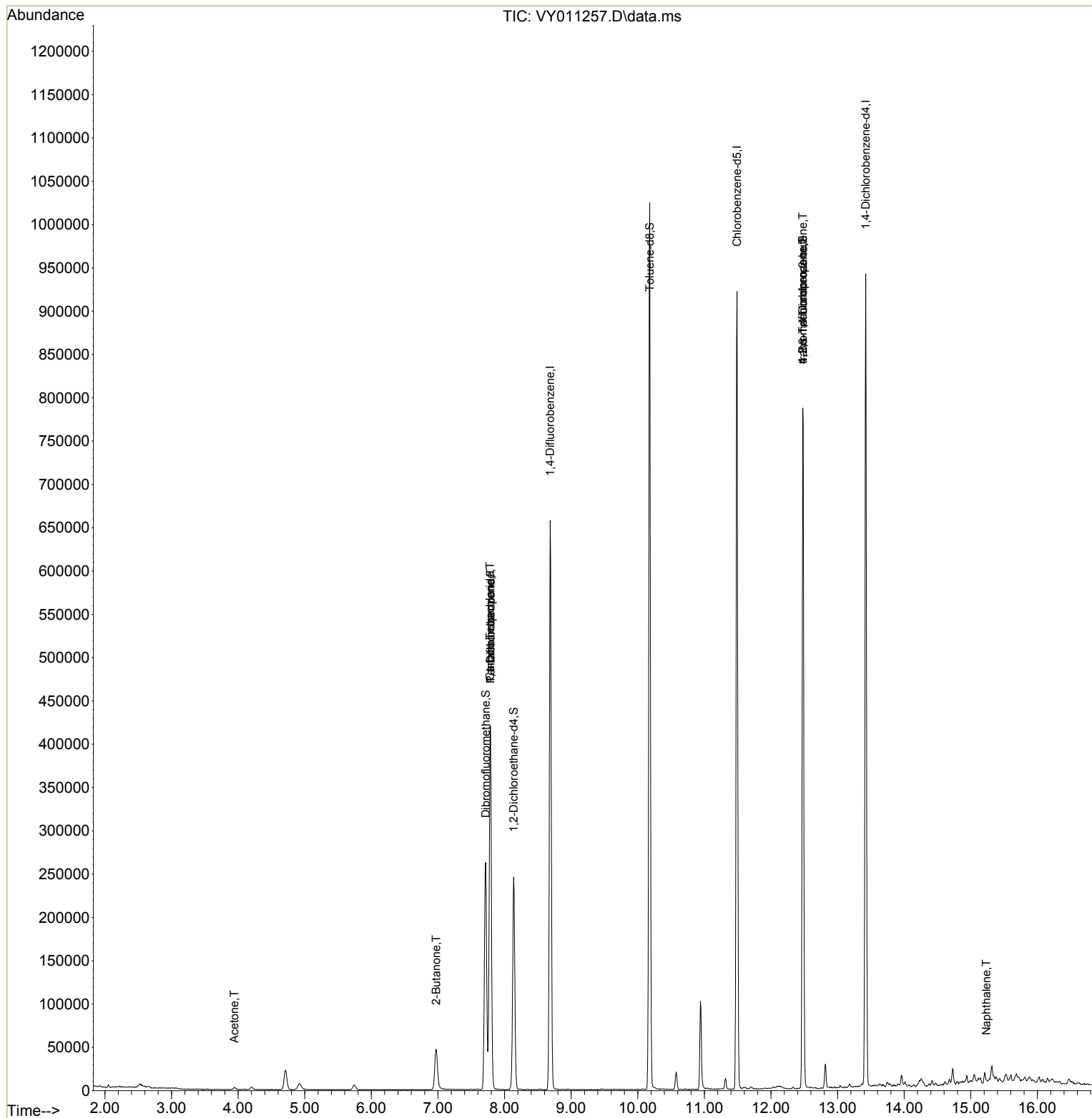
Internal Standards						
1) Pentafluorobenzene	7.789	168	335661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	575561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	525342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	246205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	185275	51.610	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.220%	
35) Dibromofluoromethane	7.716	113	191707	51.841	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.680%	
50) Toluene-d8	10.179	98	678807	47.278	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.560%	
62) 4-Bromofluorobenzene	12.477	95	252783	50.715	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.420%	
Target Compounds						
2) Dichlorodifluoromethane	1.906	85	268	Below Cal	#	Qvalue 43
11) Tert butyl alcohol	4.930	59	7458	Below Cal	#	77
16) Acetone	3.942	43	4514	4.166	ug/l	90
20) Methylene Chloride	4.710	84	18580	Below Cal	#	80
25) 2-Butanone	6.972	43	3161	2.073	ug/l	100
36) 1,1-Dichloropropene	7.789	75	25401	4.206	ug/l #	50
38) Carbon Tetrachloride	7.783	117	32844	5.242	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	121260	40.456	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	121260	86.581	ug/l #	7
95) Naphthalene	15.233	128	1618	4.105	ug/l #	81

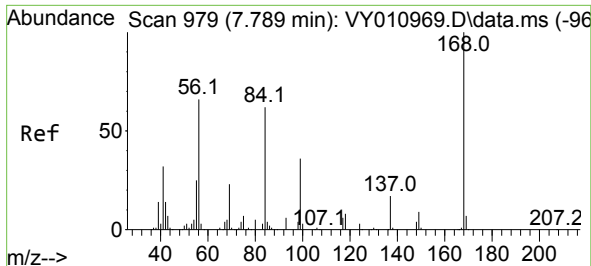
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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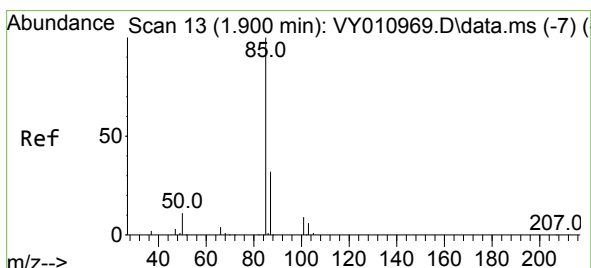
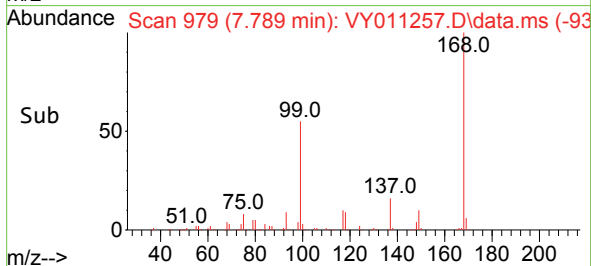
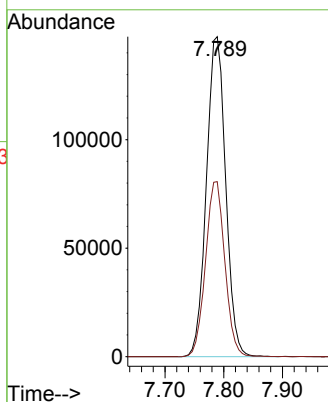
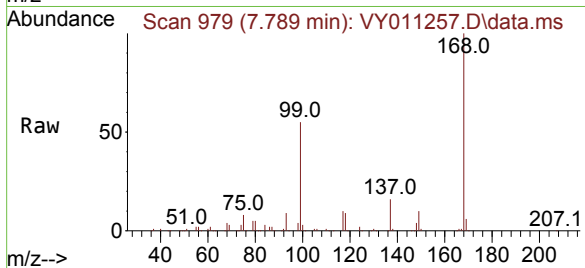




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011257.D
Acq: 02 Nov 2022 13:11

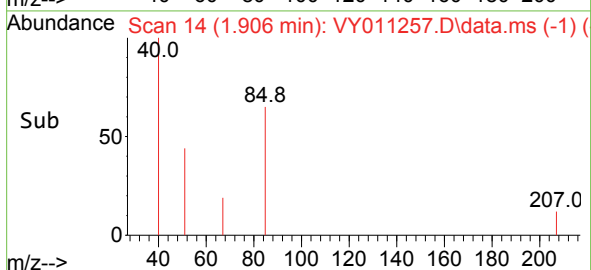
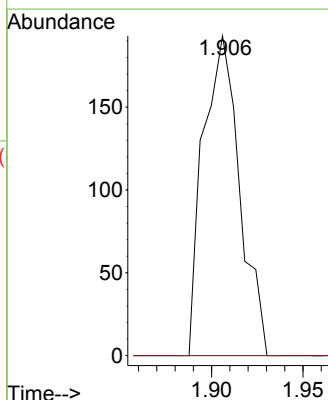
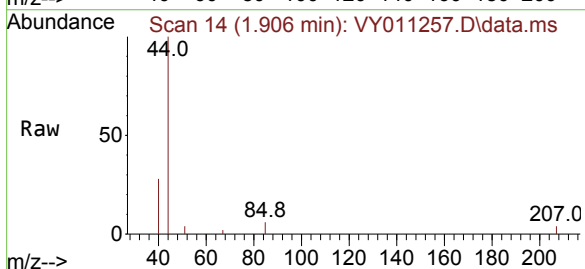
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

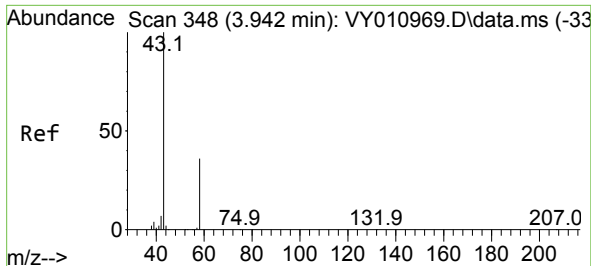
Tgt Ion:168 Resp: 335661
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011257.D
Acq: 02 Nov 2022 13:11

Tgt Ion: 85 Resp: 268
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

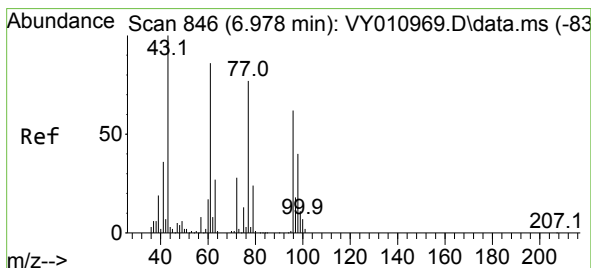
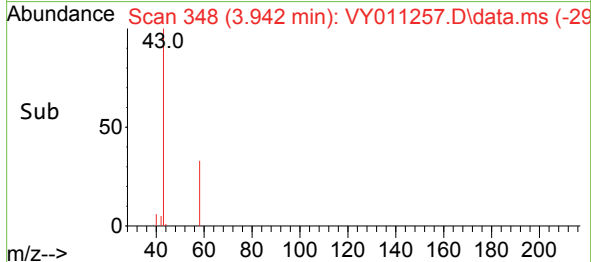
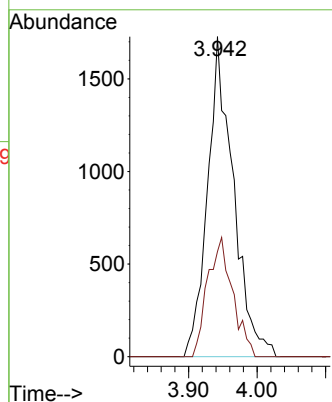
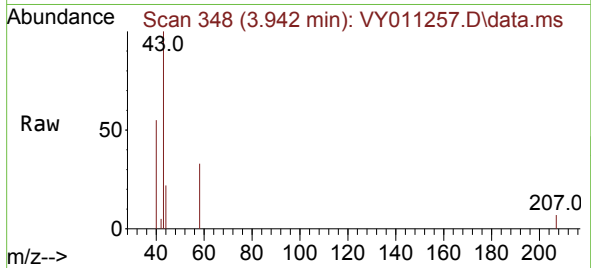




#16
Acetone
Concen: 4.166 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011257.D
Acq: 02 Nov 2022 13:11

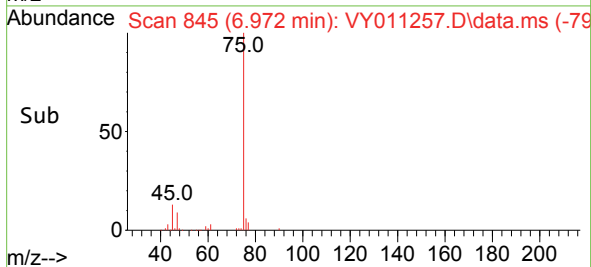
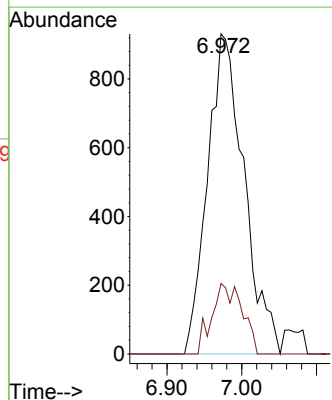
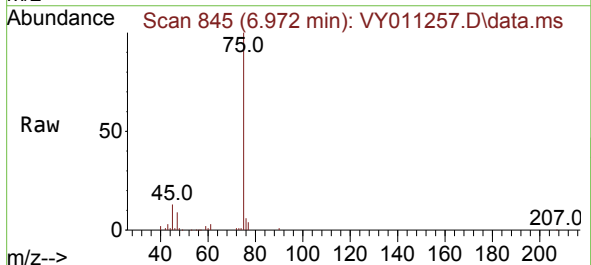
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

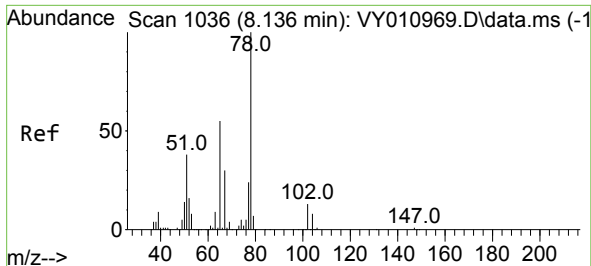
Tgt Ion: 43 Resp: 4514
Ion Ratio Lower Upper
43 100
58 32.9 22.0 33.0



#25
2-Butanone
Concen: 2.073 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011257.D
Acq: 02 Nov 2022 13:11

Tgt Ion: 43 Resp: 3161
Ion Ratio Lower Upper
43 100
72 22.0 17.7 26.5





#33

1,2-Dichloroethane-d4

Concen: 51.610 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY011257.D

Acq: 02 Nov 2022 13:11

Instrument :

MSVOA_Y

ClientSampleId :

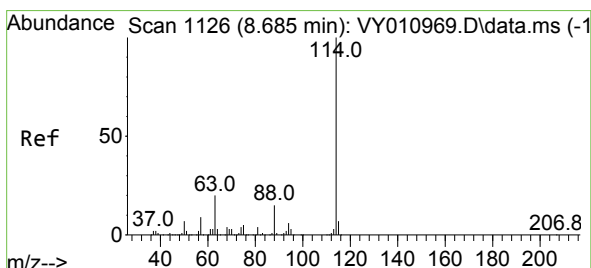
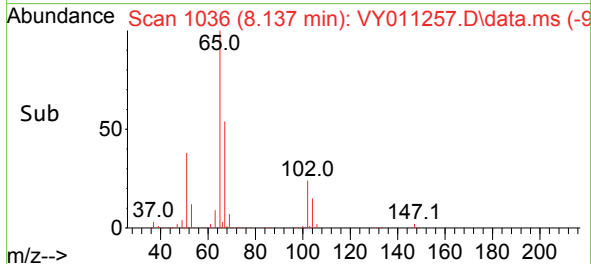
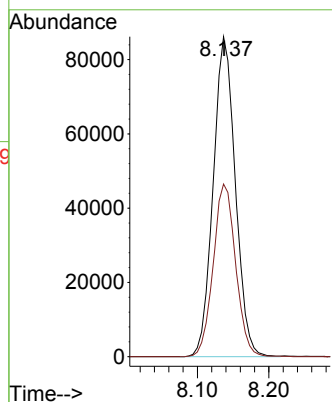
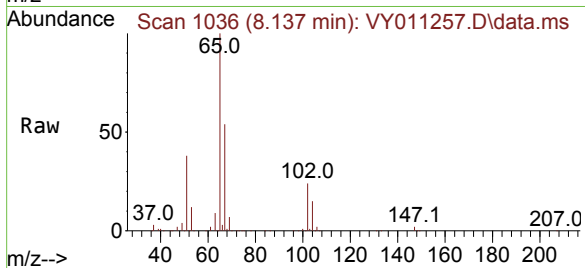
SB-01-0-2.0

Tgt Ion: 65 Resp: 185275

Ion Ratio Lower Upper

65 100

67 54.7 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: VY011257.D

Acq: 02 Nov 2022 13:11

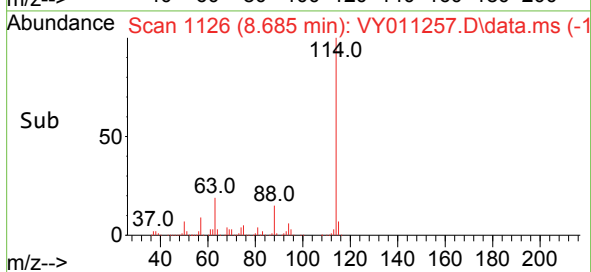
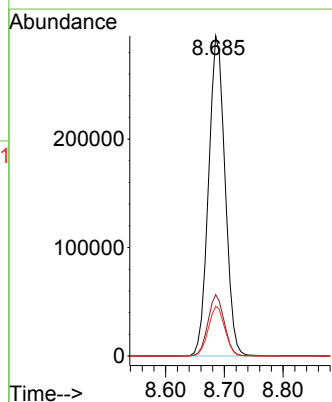
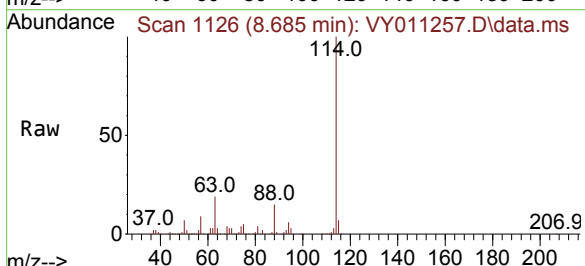
Tgt Ion: 114 Resp: 575561

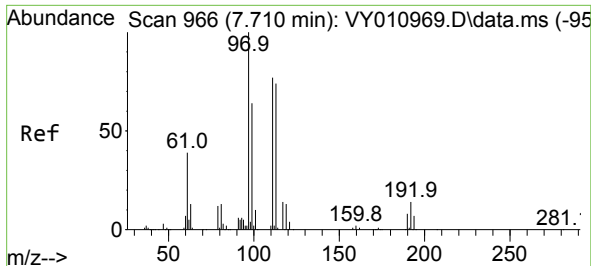
Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 15.5 0.0 31.8

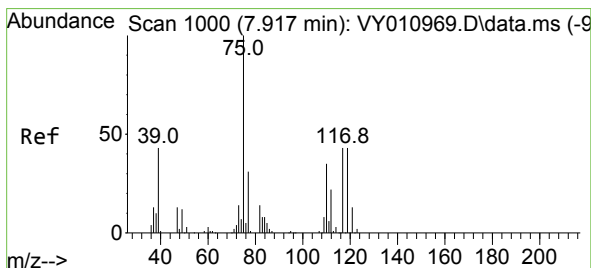
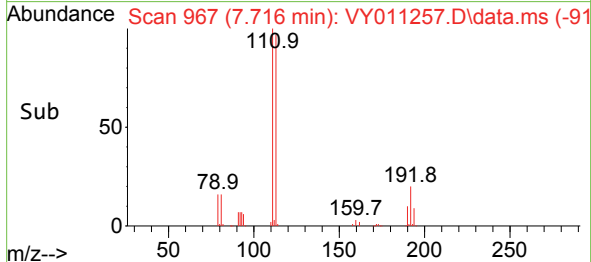
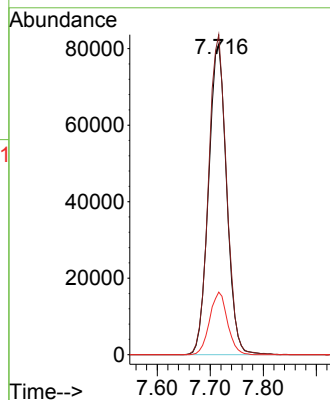
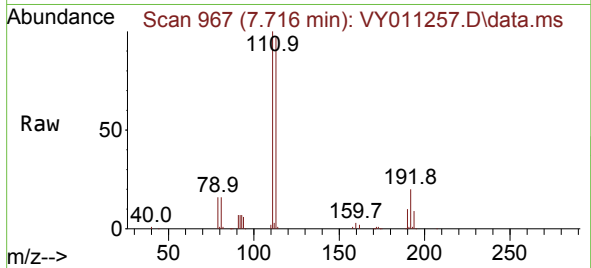




#35
Dibromofluoromethane
Concen: 51.841 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY011257.D
Acq: 02 Nov 2022 13:11

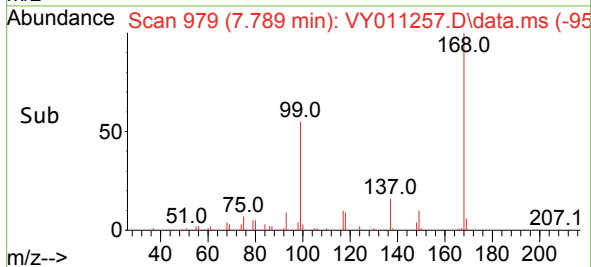
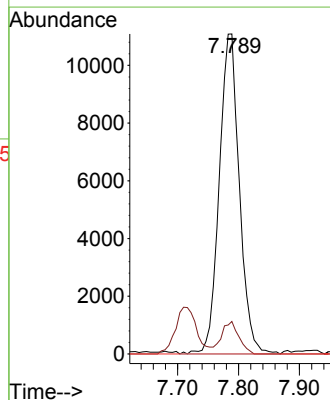
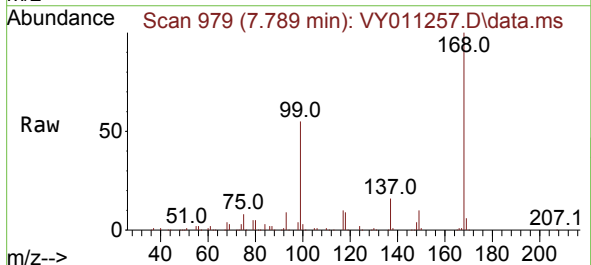
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

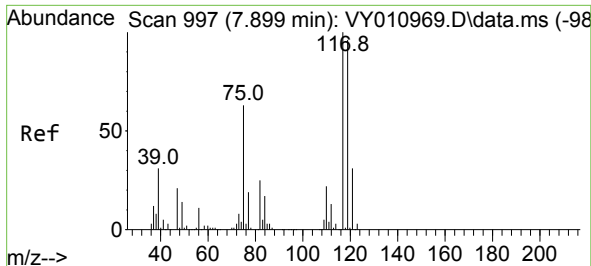
Tgt Ion:113 Resp: 191707
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 19.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.206 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011257.D
Acq: 02 Nov 2022 13:11

Tgt Ion: 75 Resp: 25401
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#

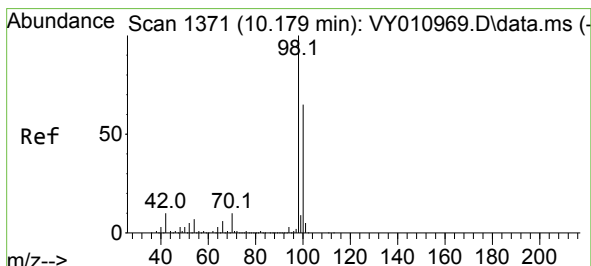
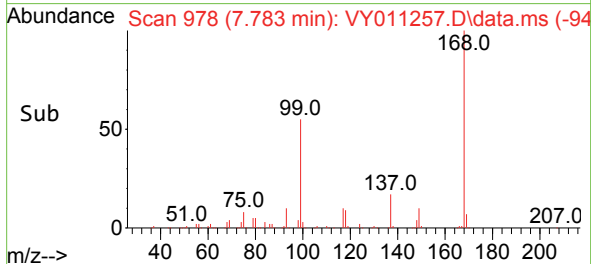
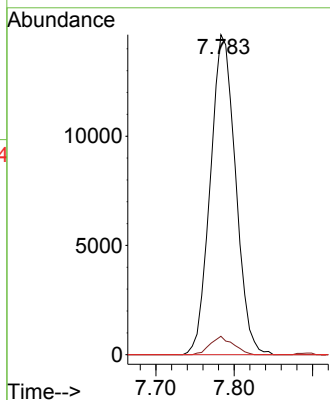
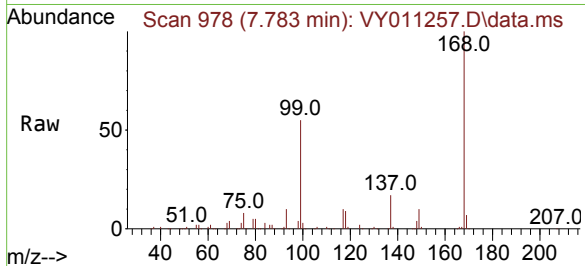




#38
Carbon Tetrachloride
Concen: 5.242 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011257.D
Acq: 02 Nov 2022 13:11

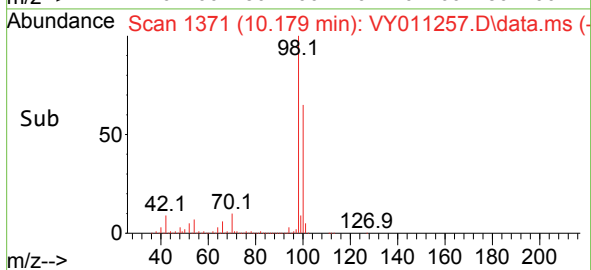
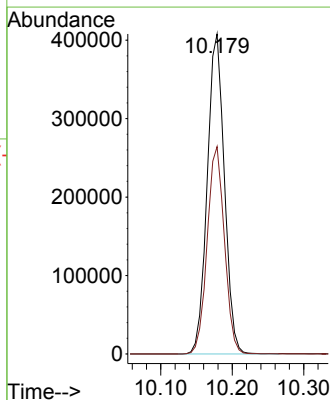
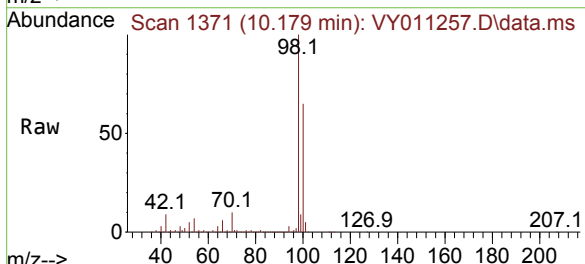
Instrument :
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ClientSampleId :
SB-01-0-2.0

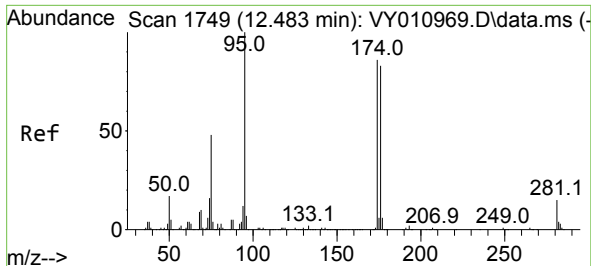
Tgt Ion:117 Resp: 32844
Ion Ratio Lower Upper
117 100
119 5.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.278 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011257.D
Acq: 02 Nov 2022 13:11

Tgt Ion: 98 Resp: 678807
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

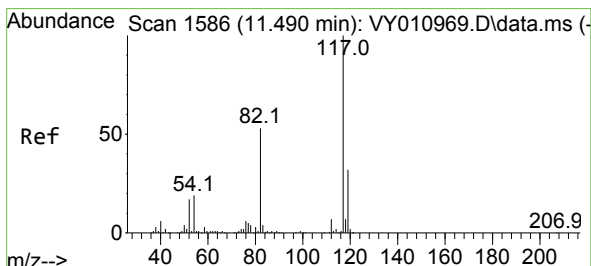
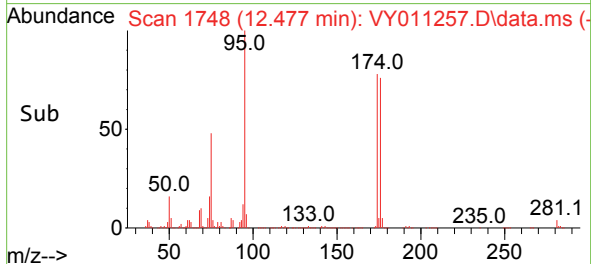
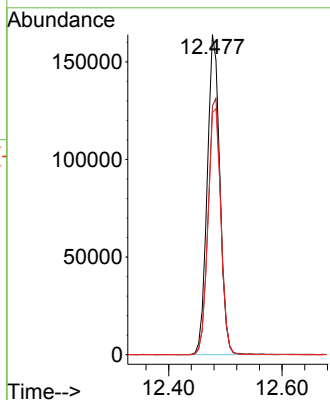
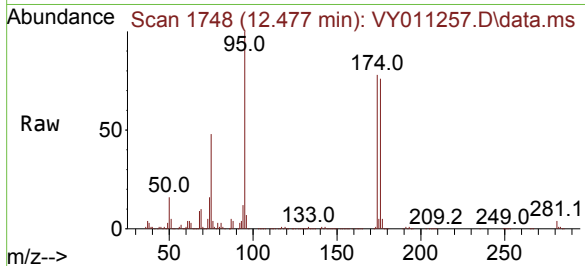




#62
4-Bromofluorobenzene
Concen: 50.715 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011257.D
Acq: 02 Nov 2022 13:11

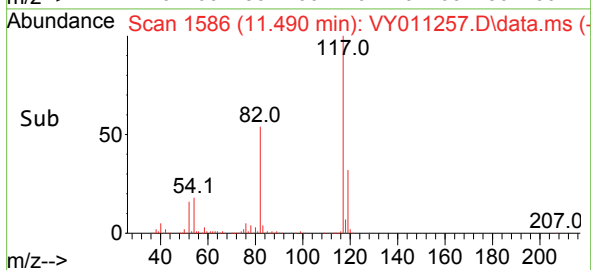
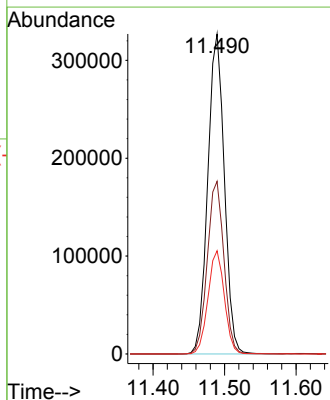
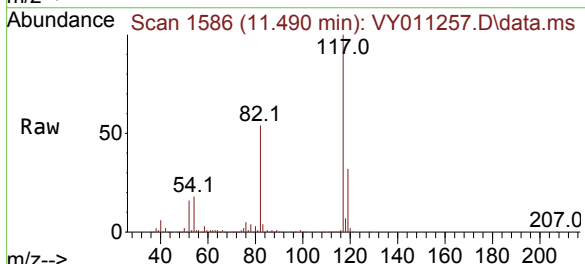
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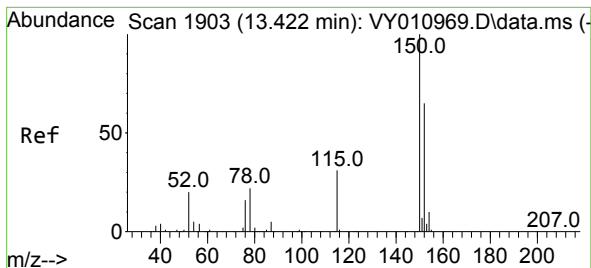
Tgt Ion: 95 Resp: 252783
Ion Ratio Lower Upper
95 100
174 81.5 0.0 177.0
176 78.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011257.D
Acq: 02 Nov 2022 13:11

Tgt Ion: 117 Resp: 525342
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 32.3 25.4 38.0

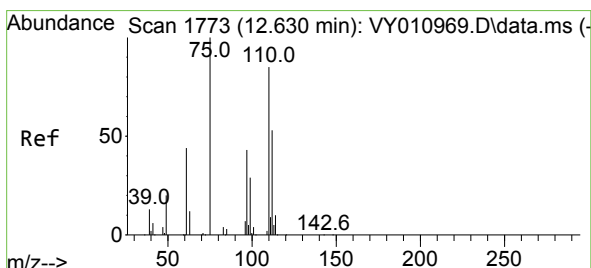
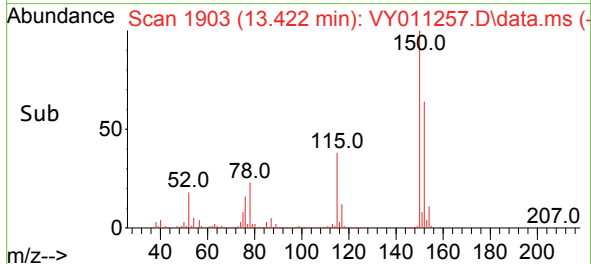
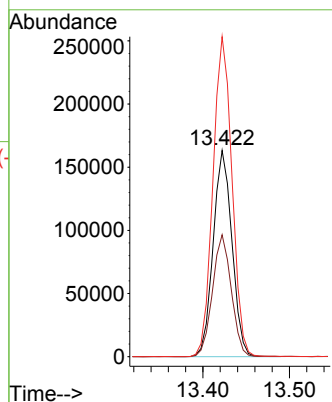
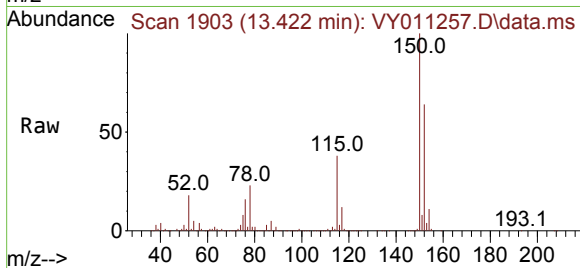




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011257.D
 Acq: 02 Nov 2022 13:11

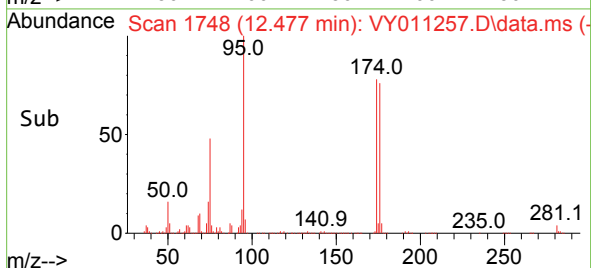
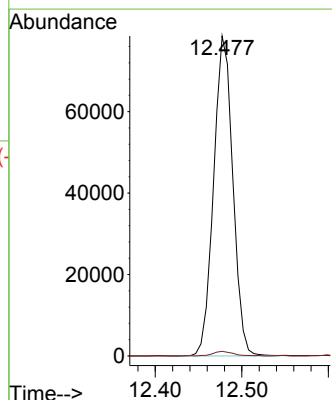
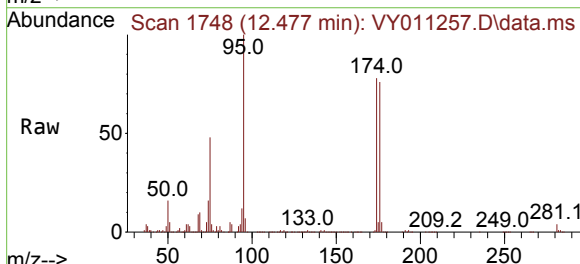
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-0-2.0

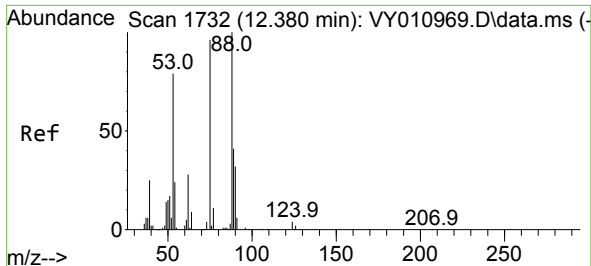
Tgt Ion:152 Resp: 246205
 Ion Ratio Lower Upper
 152 100
 115 58.8 28.2 84.7
 150 157.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 40.456 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY011257.D
 Acq: 02 Nov 2022 13:11

Tgt Ion: 75 Resp: 121260
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

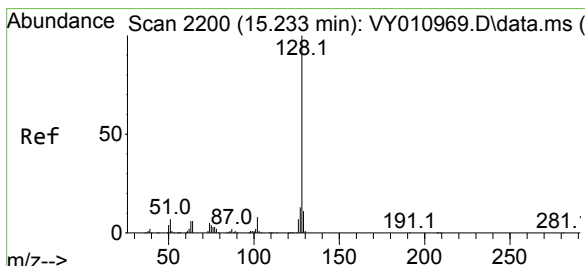
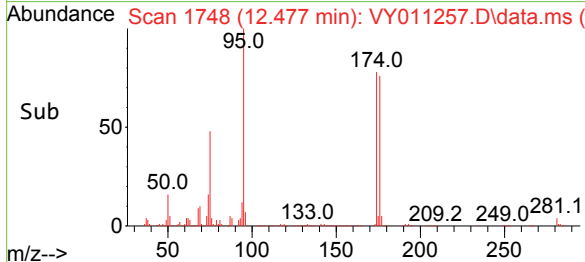
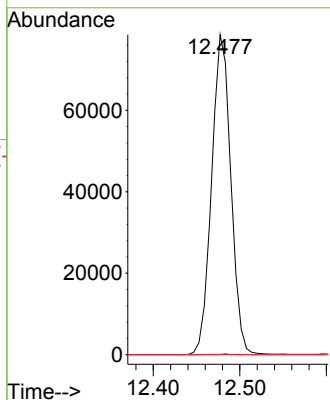
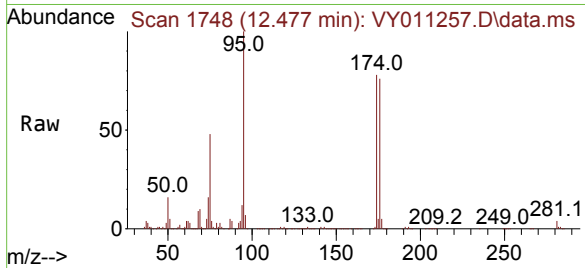




#81
trans-1,4-Dichloro-2-butene
Concen: 86.581 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011257.D
Acq: 02 Nov 2022 13:11

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

Tgt Ion: 75 Resp: 121260
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 4.105 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011257.D
Acq: 02 Nov 2022 13:11

Tgt Ion:128 Resp: 1618
Ion Ratio Lower Upper
128 100
127 18.9 11.0 16.4#
129 0.0 8.4 12.6#

