

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011259.D
 Acq On : 02 Nov 2022 13:56
 Operator : KP/MD
 Sample : N5395-02
 Misc : 7.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-12-103122

Quant Time: Nov 03 05:15:24 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)

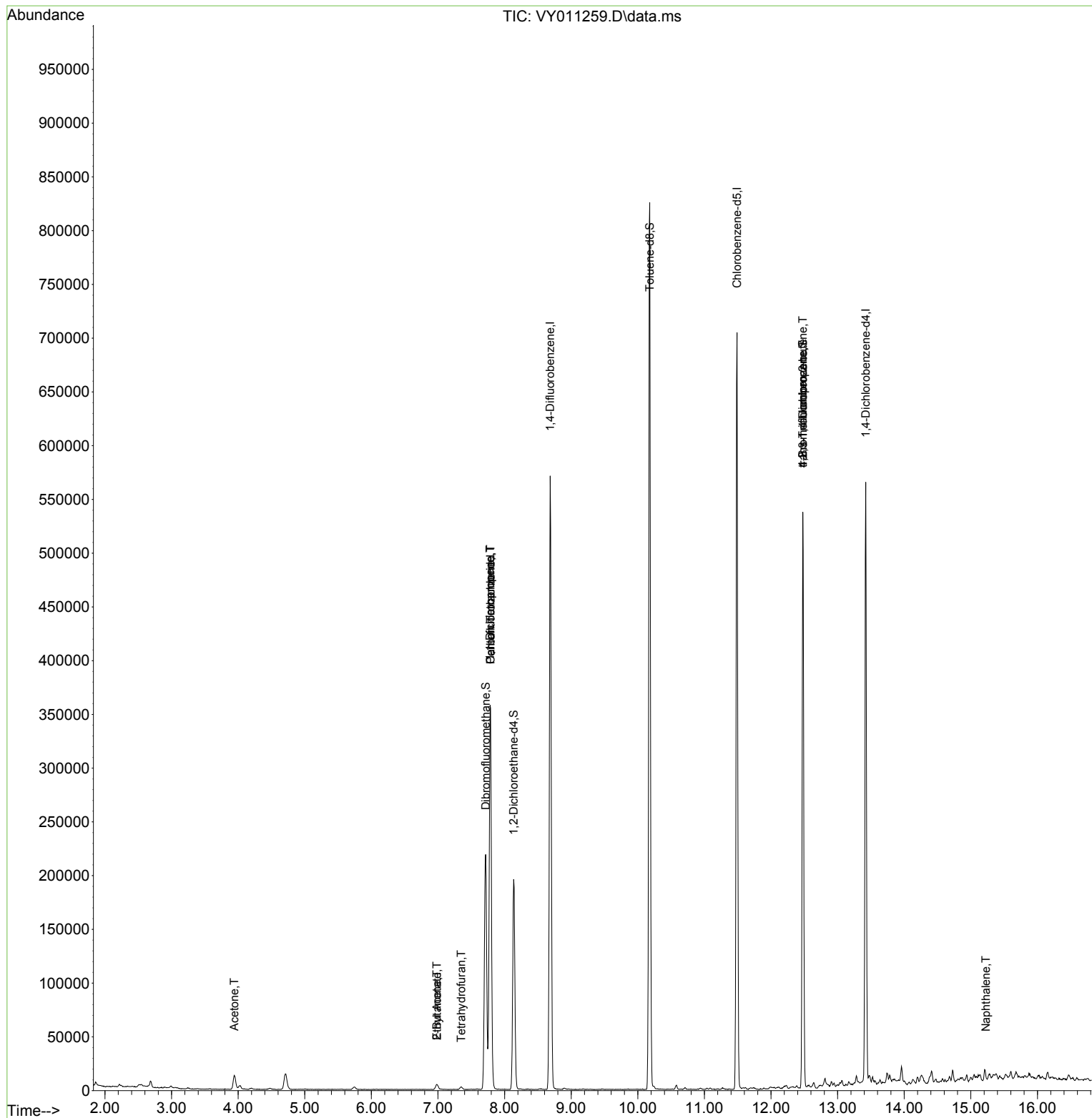
Internal Standards						
1) Pentafluorobenzene	7.789	168	288062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	497195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	397446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	151526	49.183	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.360%
35) Dibromofluoromethane	7.716	113	164542	51.509	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.020%
50) Toluene-d8	10.179	98	566917	45.709	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.420%
62) 4-Bromofluorobenzene	12.477	95	169053	39.262	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.520%
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	21	Below Cal	#	43
11) Tert butyl alcohol	4.948	59	226	Below Cal	#	77
16) Acetone	3.942	43	22739	24.451	ug/l #	88
20) Methylene Chloride	4.710	84	11676	Below Cal	#	79
25) 2-Butanone	6.984	43	7899	6.037	ug/l #	88
29) Tetrahydrofuran	7.350	42	1808	2.373	ug/l #	85
36) 1,1-Dichloropropene	7.783	75	20890	4.004	ug/l #	50
37) Ethyl Acetate	6.984	43	7899	2.809	ug/l #	73
38) Carbon Tetrachloride	7.789	117	27953	5.165	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	81393	45.185	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	81393	96.702	ug/l #	7
95) Naphthalene	15.227	128	757	4.075	ug/l #	66

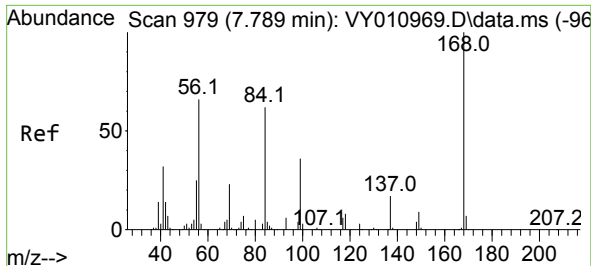
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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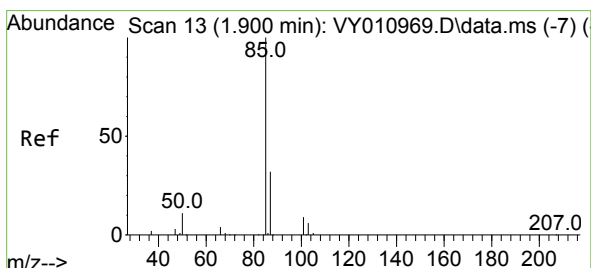
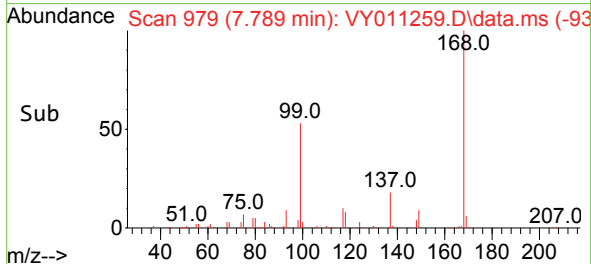
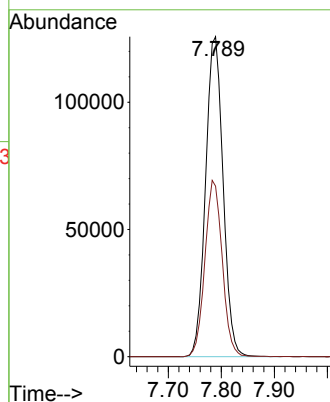
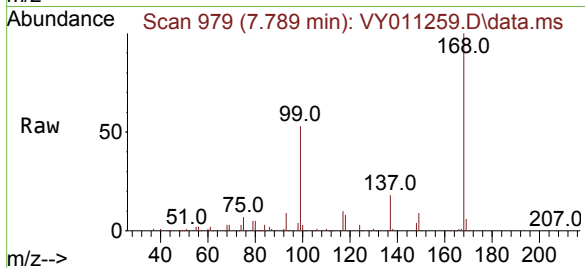




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011259.D
Acq: 02 Nov 2022 13:56

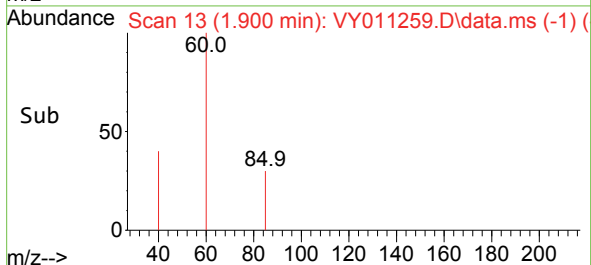
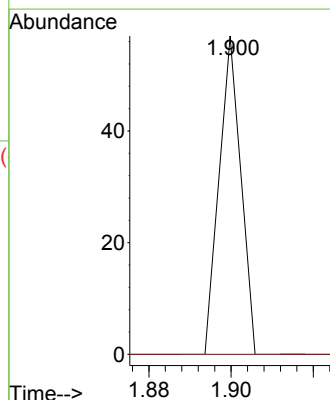
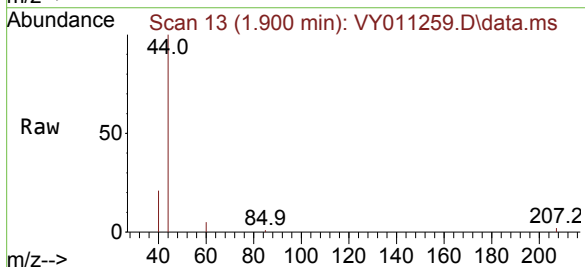
Instrument :
MSVOA_Y
ClientSampleId :
S-12-103122

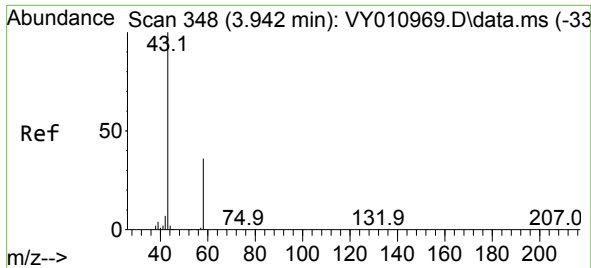
Tgt Ion:168 Resp: 288062
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011259.D
Acq: 02 Nov 2022 13:56

Tgt Ion: 85 Resp: 21
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#16

Acetone

Concen: 24.451 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY011259.D

Acq: 02 Nov 2022 13:56

Instrument :

MSVOA_Y

ClientSampleId :

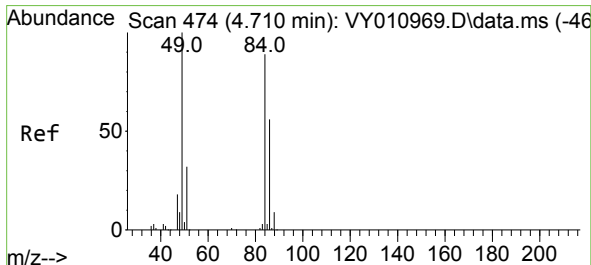
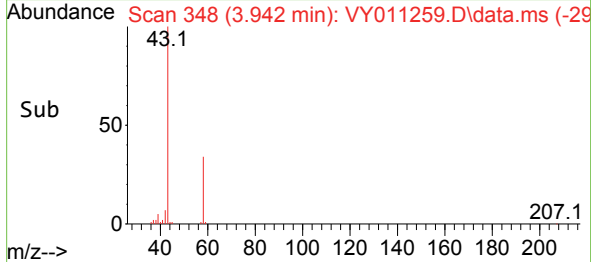
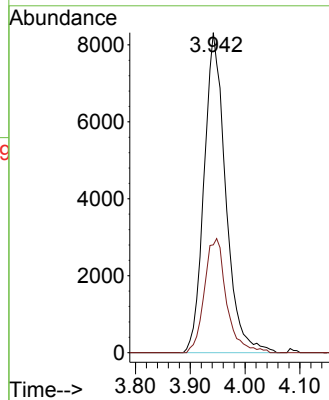
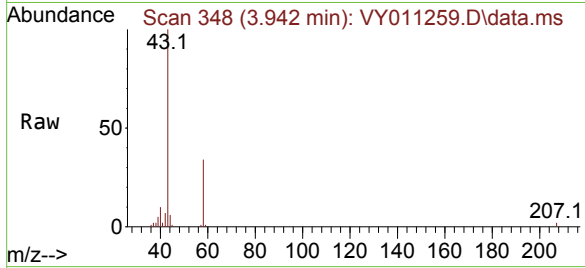
S-12-103122

Tgt Ion: 43 Resp: 22739

Ion Ratio Lower Upper

43 100

58 33.7 22.0 33.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY011259.D

Acq: 02 Nov 2022 13:56

Tgt Ion: 84 Resp: 11676

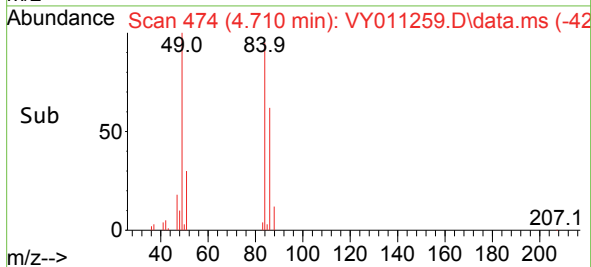
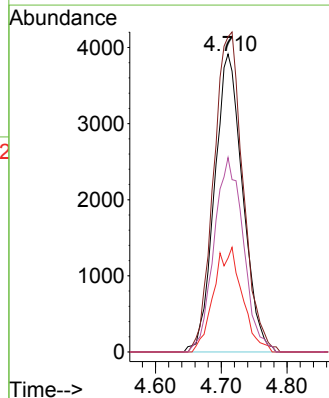
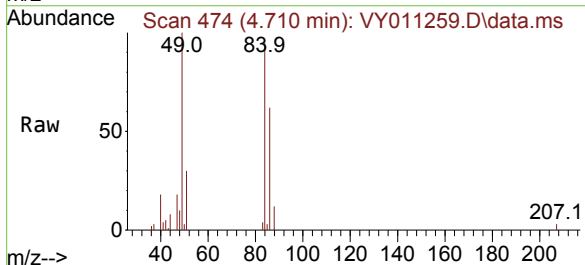
Ion Ratio Lower Upper

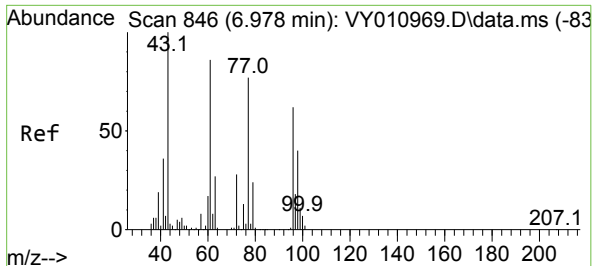
84 100

49 105.7 114.4 171.6#

51 31.5 35.3 52.9#

86 65.2 53.7 80.5

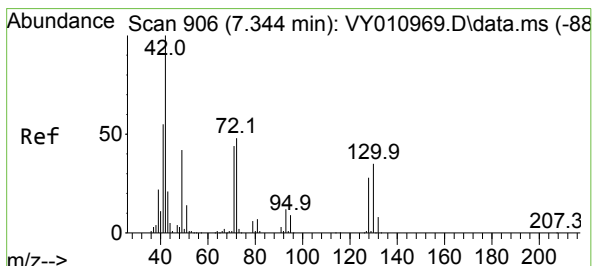
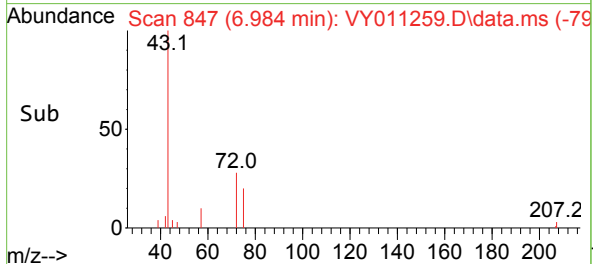
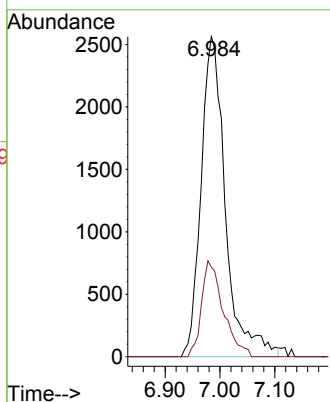
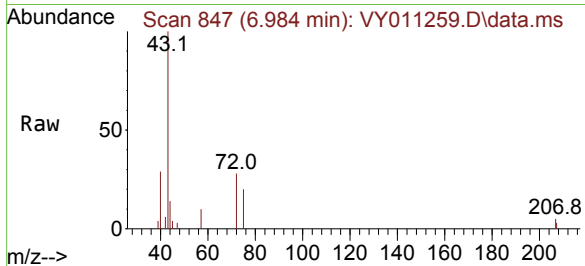




#25
2-Butanone
Concen: 6.037 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY011259.D
Acq: 02 Nov 2022 13:56

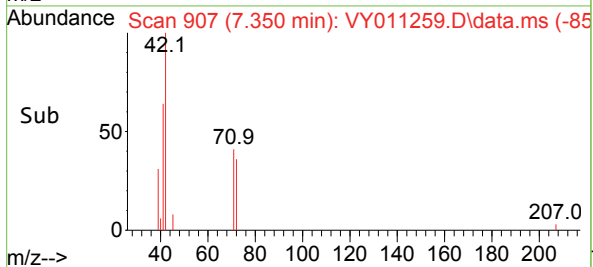
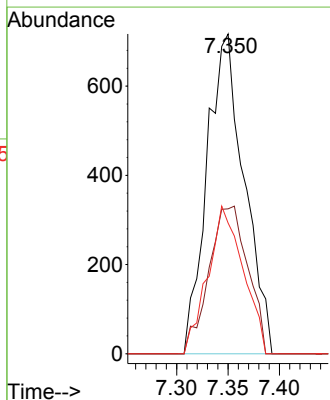
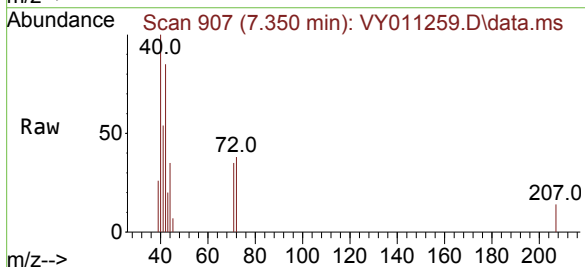
Instrument :
MSVOA_Y
ClientSampleId :
S-12-103122

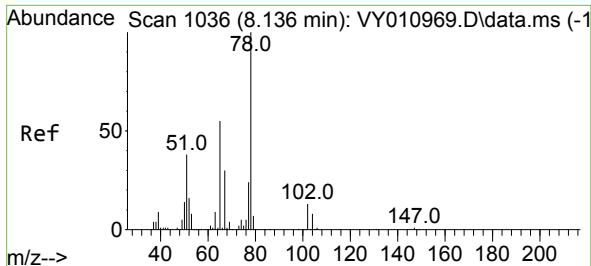
Tgt Ion: 43 Resp: 7899
Ion Ratio Lower Upper
43 100
72 28.0 17.7 26.5#



#29
Tetrahydrofuran
Concen: 2.373 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY011259.D
Acq: 02 Nov 2022 13:56

Tgt Ion: 42 Resp: 1808
Ion Ratio Lower Upper
42 100
72 48.1 30.3 45.5#
71 43.8 29.0 43.4#

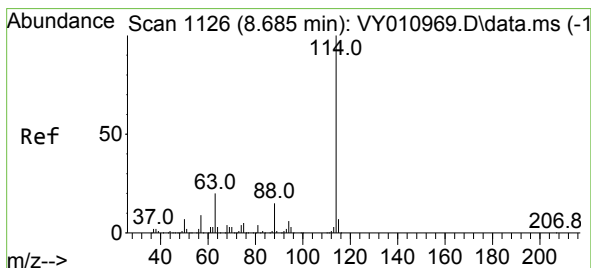
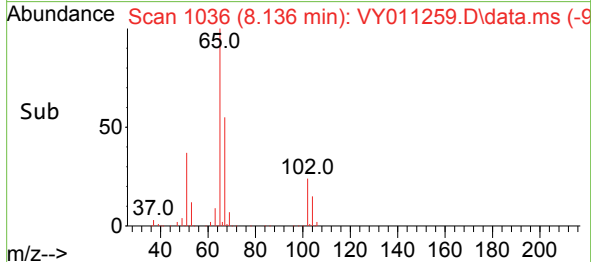
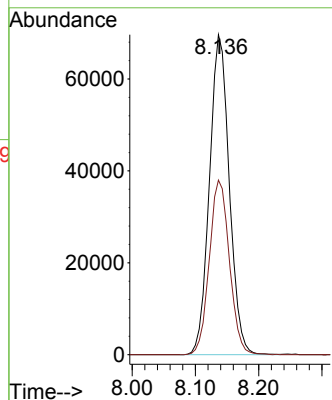
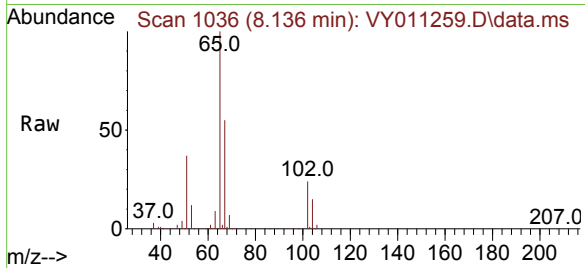




#33
 1,2-Dichloroethane-d4
 Concen: 49.183 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY011259.D
 Acq: 02 Nov 2022 13:56

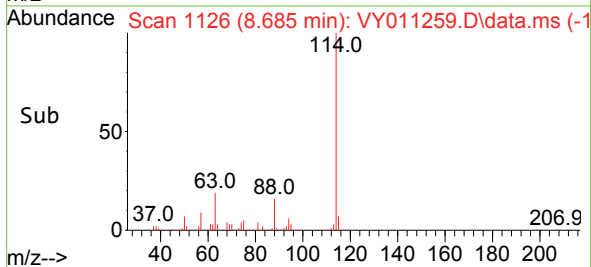
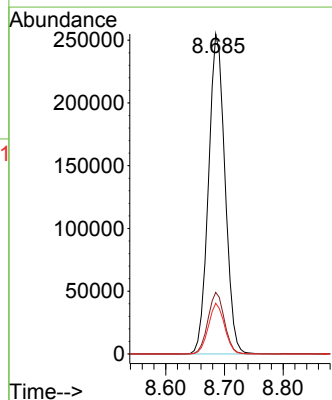
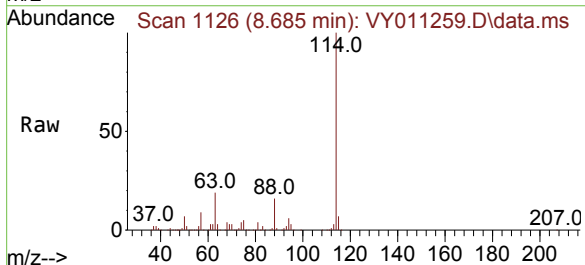
Instrument :
 MSVOA_Y
 ClientSampleId :
 S-12-103122

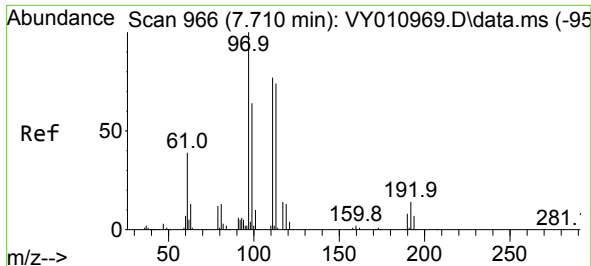
Tgt Ion: 65 Resp: 151526
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY011259.D
 Acq: 02 Nov 2022 13:56

Tgt Ion: 114 Resp: 497195
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 43.2
 88 15.9 0.0 31.8

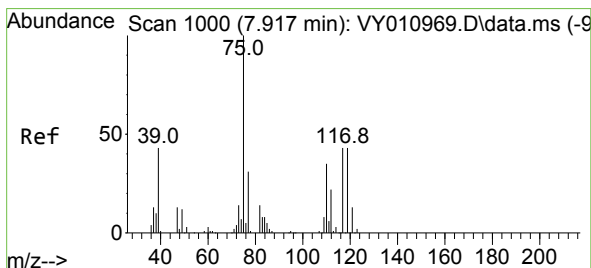
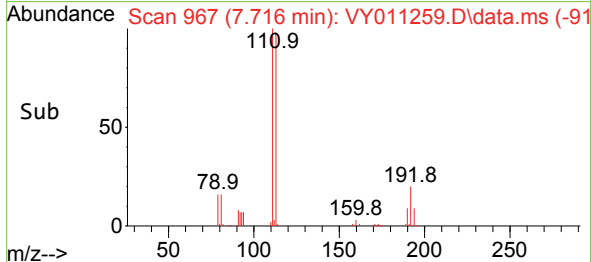
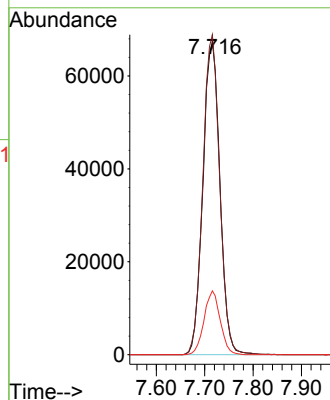
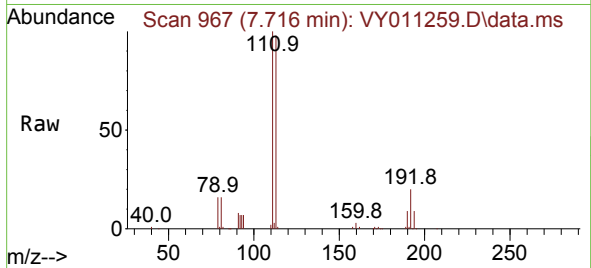




#35
Dibromofluoromethane
Concen: 51.509 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY011259.D
Acq: 02 Nov 2022 13:56

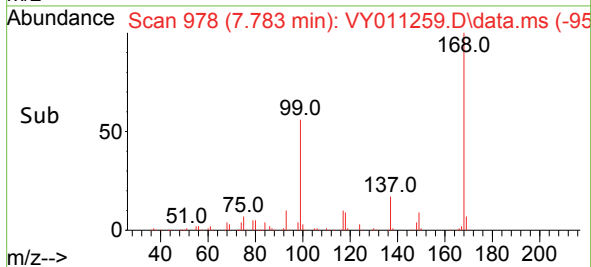
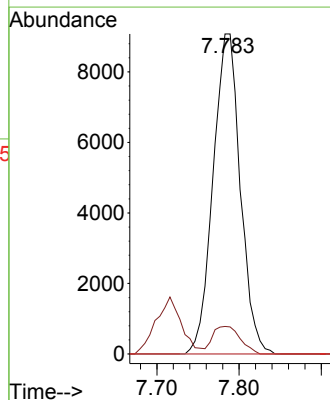
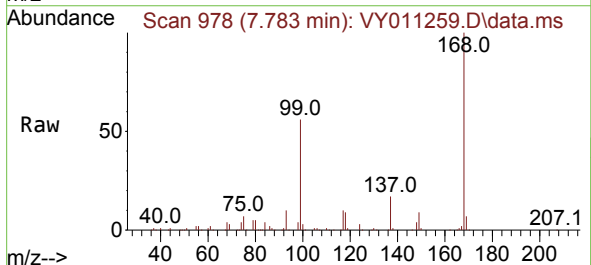
Instrument :
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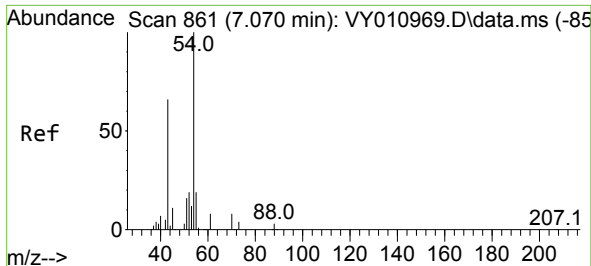
Tgt Ion:113 Resp: 164542
Ion Ratio Lower Upper
113 100
111 101.2 82.6 124.0
192 19.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.004 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011259.D
Acq: 02 Nov 2022 13:56

Tgt Ion: 75 Resp: 20890
Ion Ratio Lower Upper
75 100
110 8.7 17.1 51.2#
77 0.0 24.4 36.6#

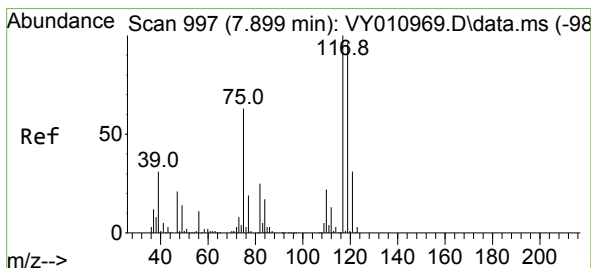
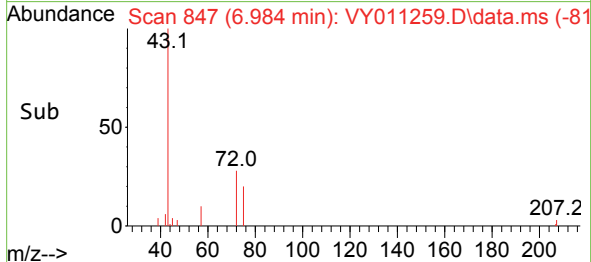
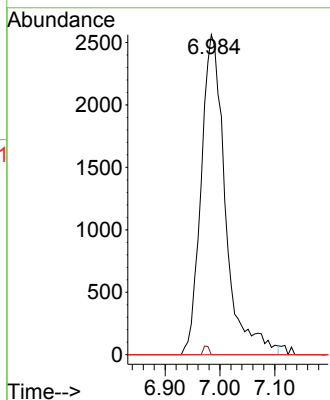
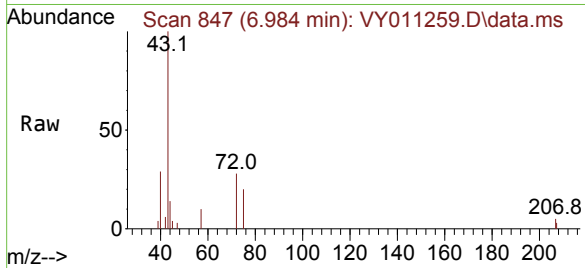




#37
Ethyl Acetate
Concen: 2.809 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.086 min
Lab File: VY011259.D
Acq: 02 Nov 2022 13:56

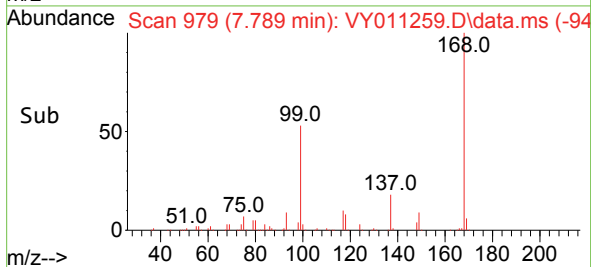
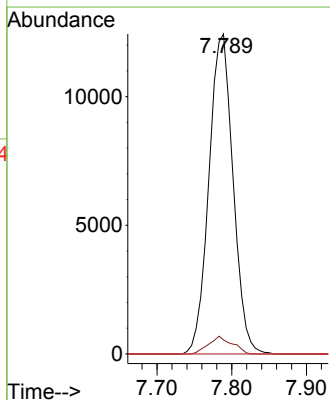
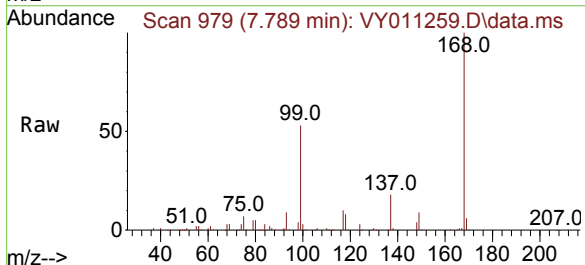
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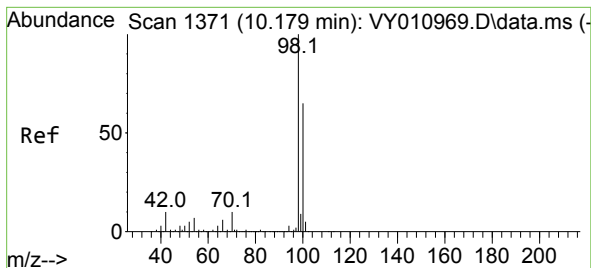
Tgt Ion: 43 Resp: 7899
Ion Ratio Lower Upper
43 100
61 0.6 9.7 14.5#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.165 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY011259.D
Acq: 02 Nov 2022 13:56

Tgt Ion: 117 Resp: 27953
Ion Ratio Lower Upper
117 100
119 4.4 77.9 116.9#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 45.709 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011259.D

Acq: 02 Nov 2022 13:56

Instrument :

MSVOA_Y

ClientSampleId :

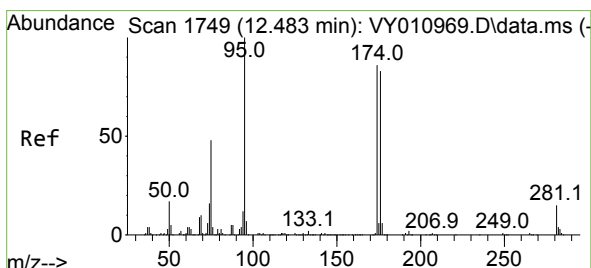
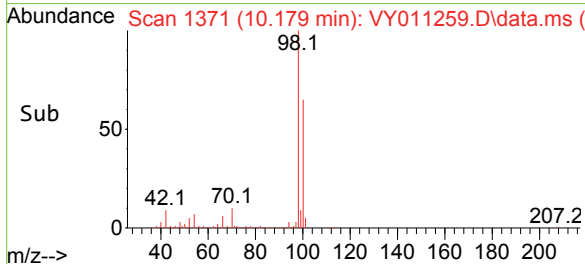
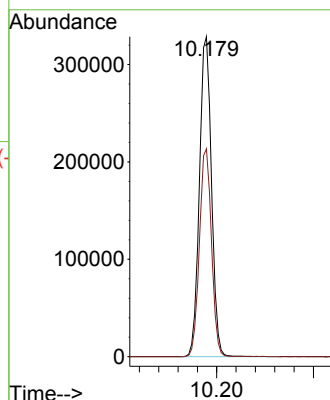
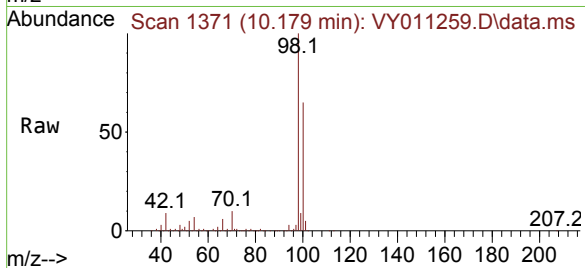
S-12-103122

Tgt Ion: 98 Resp: 566917

Ion Ratio Lower Upper

98 100

100 65.0 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 39.262 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011259.D

Acq: 02 Nov 2022 13:56

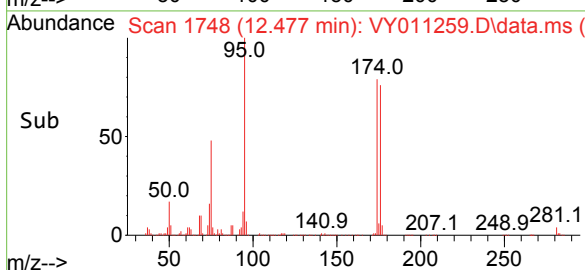
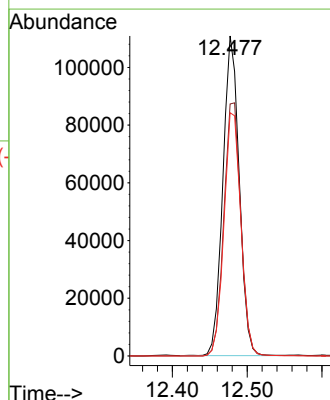
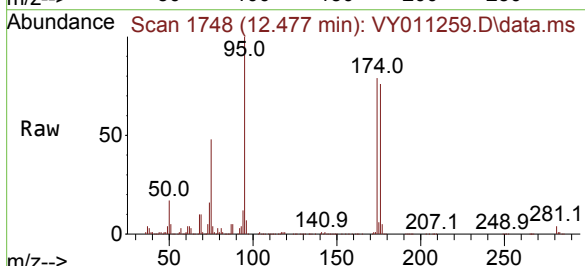
Tgt Ion: 95 Resp: 169053

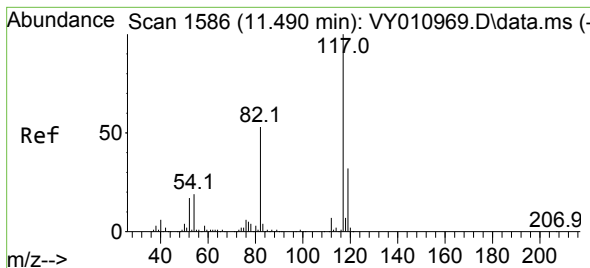
Ion Ratio Lower Upper

95 100

174 82.4 0.0 177.0

176 78.7 0.0 175.8

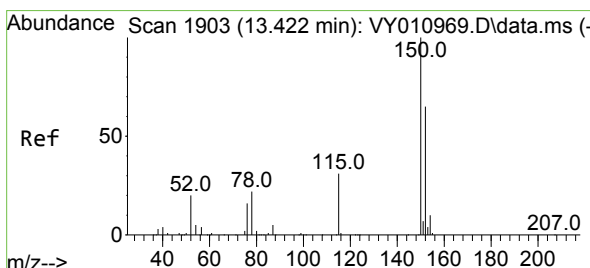
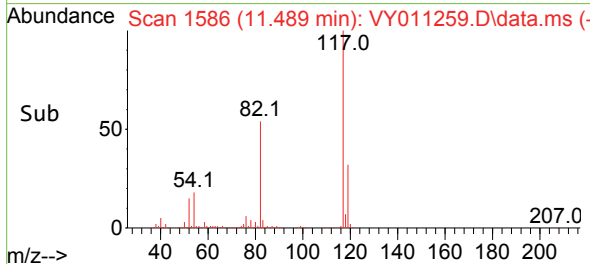
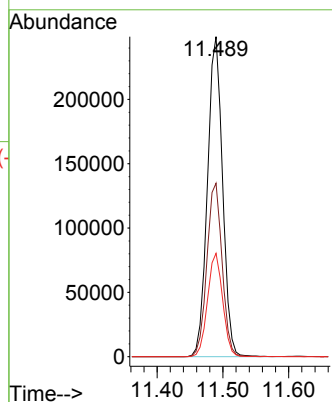
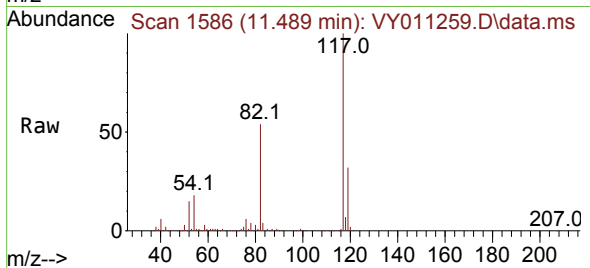




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011259.D
Acq: 02 Nov 2022 13:56

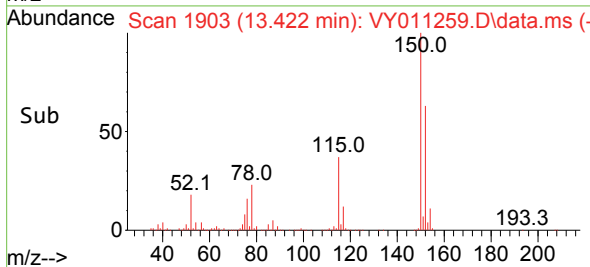
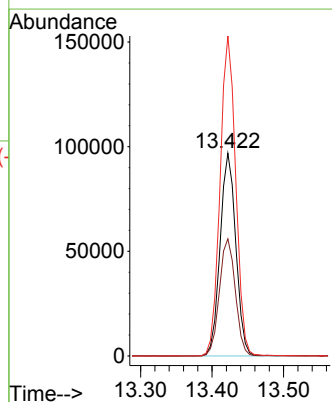
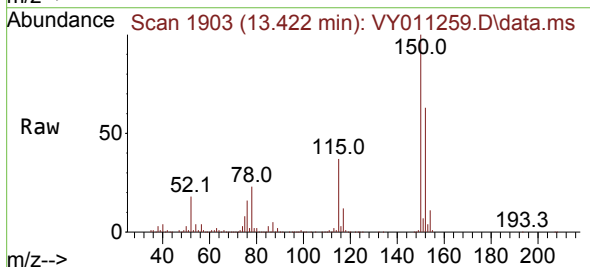
Instrument :
MSVOA_Y
ClientSampleId :
S-12-103122

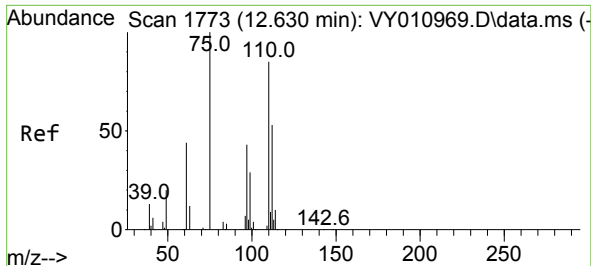
Tgt Ion:117 Resp: 397446
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011259.D
Acq: 02 Nov 2022 13:56

Tgt Ion:152 Resp: 147963
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.7
150 157.3 0.0 347.6

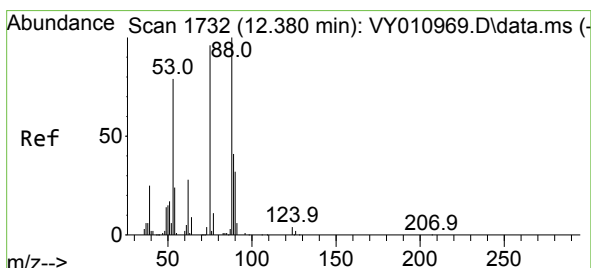
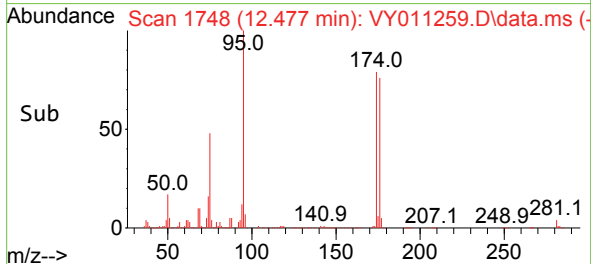
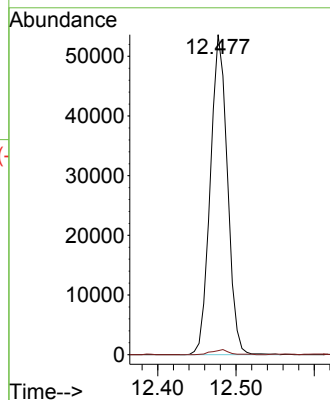
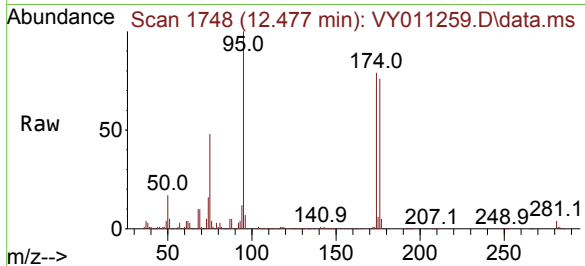




#76
1,2,3-Trichloropropane
Concen: 45.185 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011259.D
Acq: 02 Nov 2022 13:56

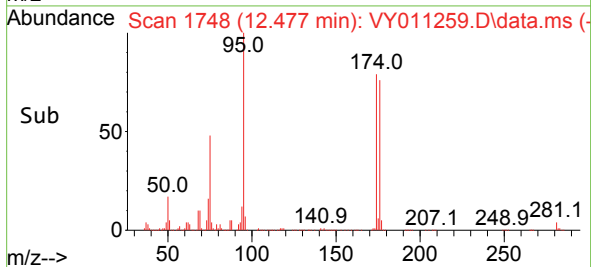
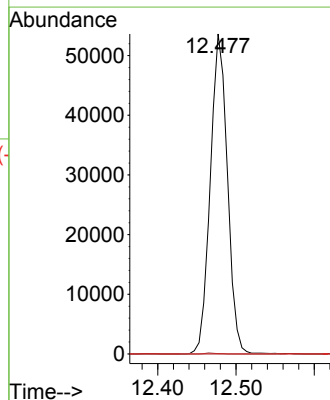
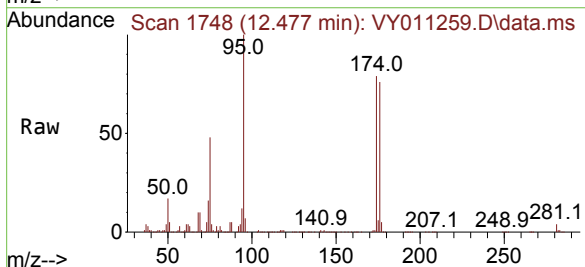
Instrument :
MSVOA_Y
ClientSampleId :
S-12-103122

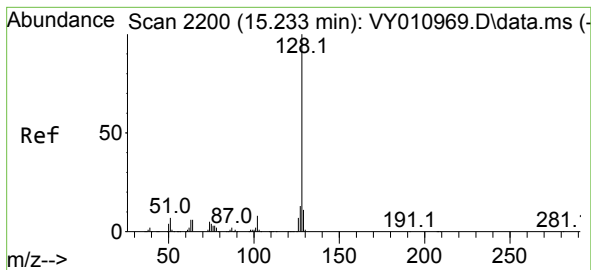
Tgt Ion: 75 Resp: 81393
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.702 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011259.D
Acq: 02 Nov 2022 13:56

Tgt Ion: 75 Resp: 81393
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 4.075 ug/l
RT: 15.227 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY011259.D
Acq: 02 Nov 2022 13:56

Instrument :
MSVOA_Y
ClientSampleId :
S-12-103122

Tgt Ion:128 Resp: 757
Ion Ratio Lower Upper
128 100
127 31.0 11.0 16.4#
129 2.5 8.4 12.6#

