

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011269.D
 Acq On : 02 Nov 2022 17:42
 Operator : KP/MD
 Sample : N5398-13
 Misc : 4.94g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-13-103122

Quant Time: Nov 03 05:19:00 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)

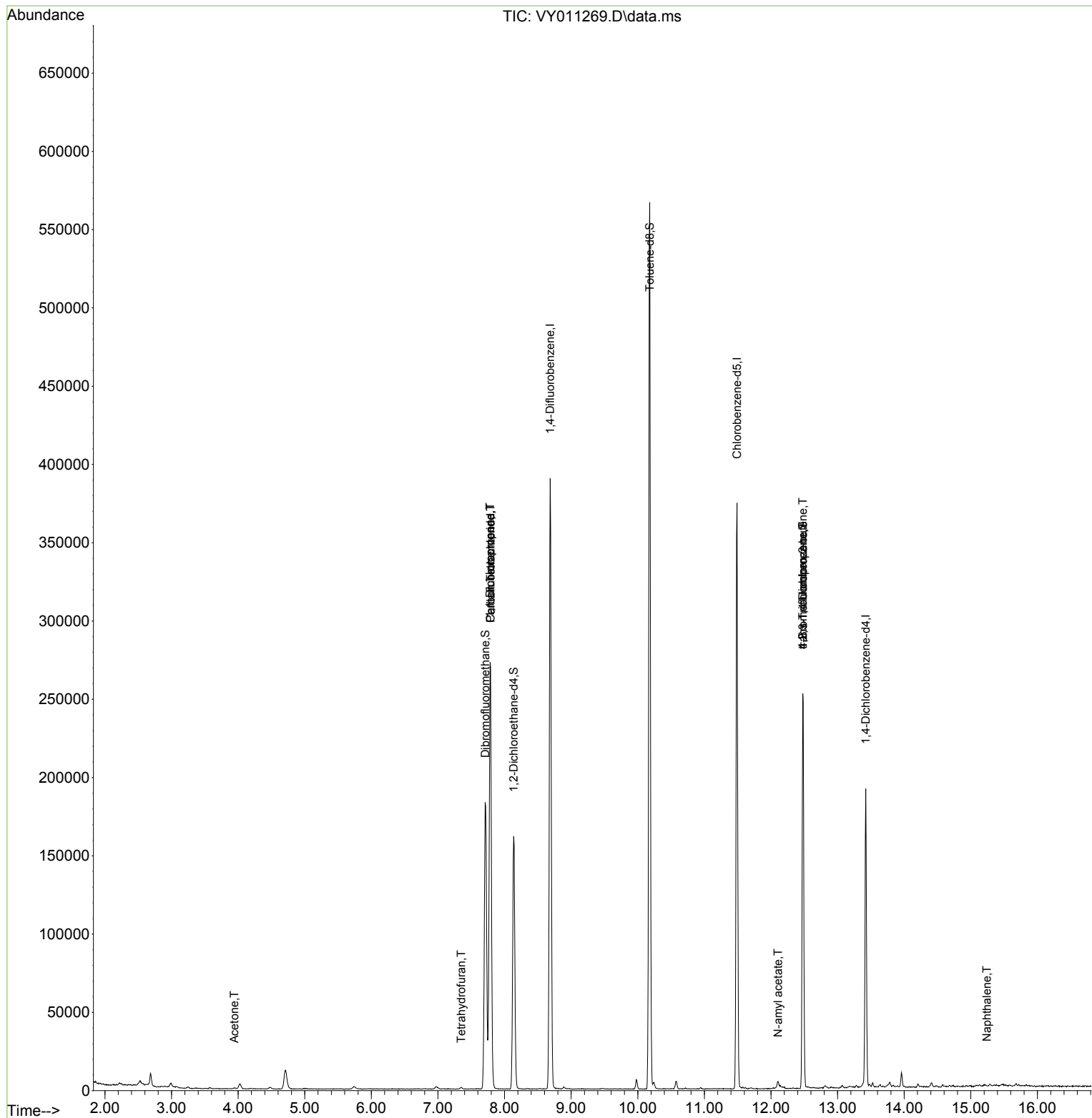
Internal Standards						
1) Pentafluorobenzene	7.789	168	221230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	345009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	213885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	125051	52.852	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.700%	
35) Dibromofluoromethane	7.710	113	135183	60.985	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.960%	
50) Toluene-d8	10.179	98	385929	44.842	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.680%	
62) 4-Bromofluorobenzene	12.477	95	80973	27.101	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 54.200%	
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	67	Below Cal	#	43
11) Tert butyl alcohol	4.960	59	72	Below Cal	#	77
16) Acetone	3.942	43	1088	1.523	ug/l #	83
20) Methylene Chloride	4.716	84	9813	Below Cal	#	73
29) Tetrahydrofuran	7.350	42	807	1.379	ug/l	91
36) 1,1-Dichloropropene	7.783	75	15640	4.321	ug/l #	51
38) Carbon Tetrachloride	7.789	117	21307	5.673	ug/l #	16
74) N-amyl acetate	12.105	43	2711	2.956	ug/l #	58
76) 1,2,3-Trichloropropane	12.477	75	38442	64.630	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	38442	138.316	ug/l #	7
95) Naphthalene	15.239	128	370	4.125	ug/l #	69

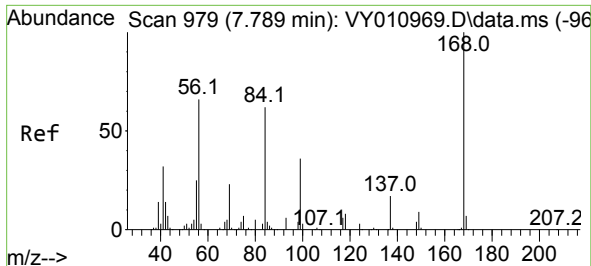
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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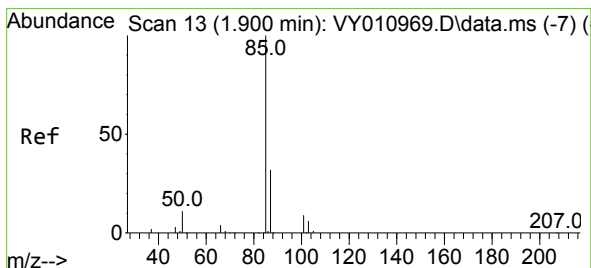
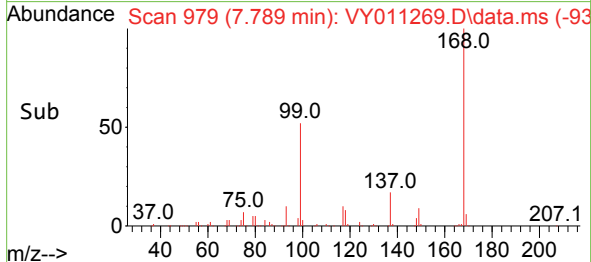
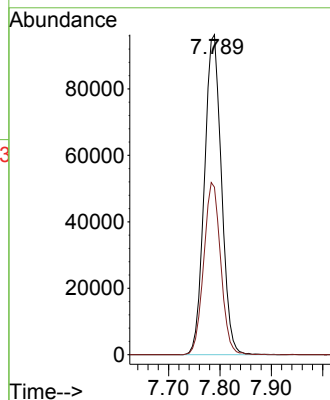
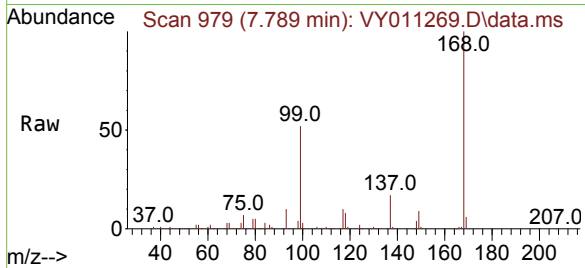




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011269.D
Acq: 02 Nov 2022 17:42

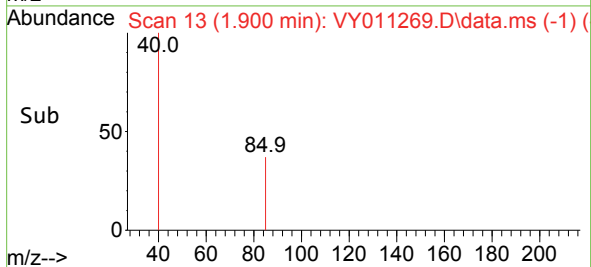
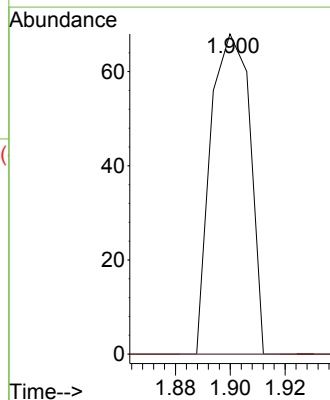
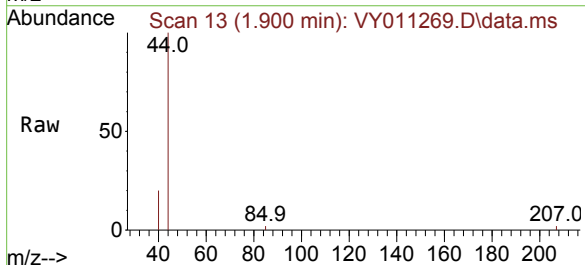
Instrument :
MSVOA_Y
ClientSampleId :
S-13-103122

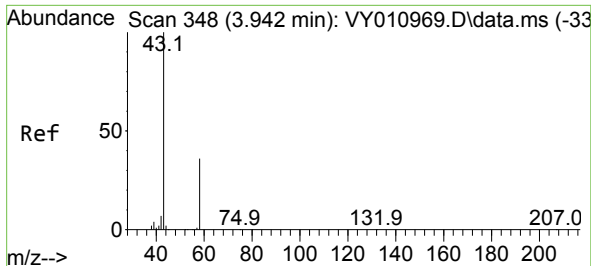
Tgt Ion:168 Resp: 221230
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011269.D
Acq: 02 Nov 2022 17:42

Tgt Ion: 85 Resp: 67
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#16

Acetone

Concen: 1.523 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY011269.D

Acq: 02 Nov 2022 17:42

Instrument :

MSVOA_Y

ClientSampleId :

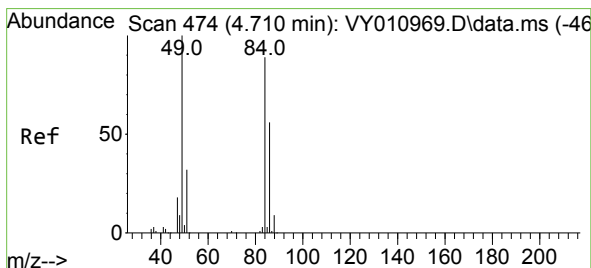
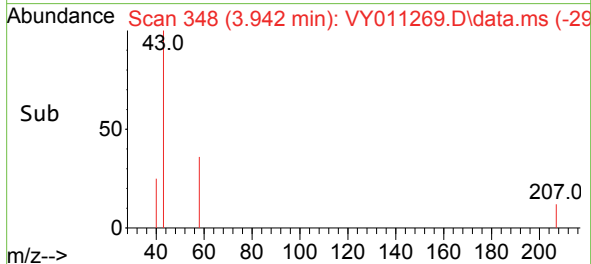
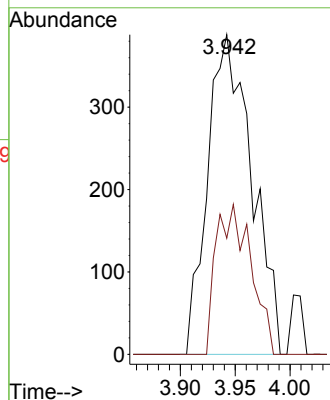
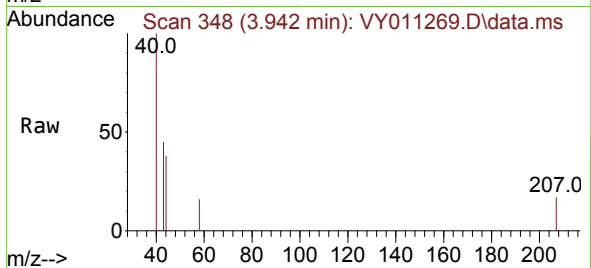
S-13-103122

Tgt Ion: 43 Resp: 1088

Ion Ratio Lower Upper

43 100

58 36.3 22.0 33.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY011269.D

Acq: 02 Nov 2022 17:42

Tgt Ion: 84 Resp: 9813

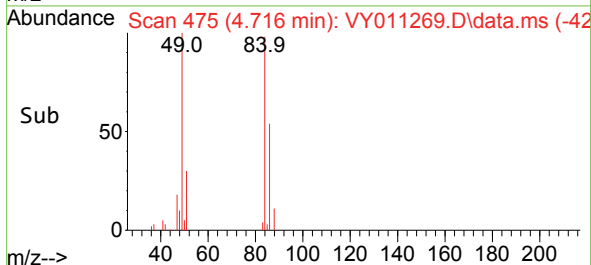
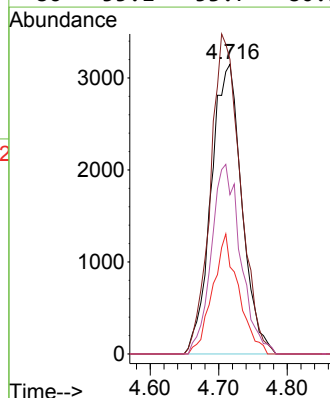
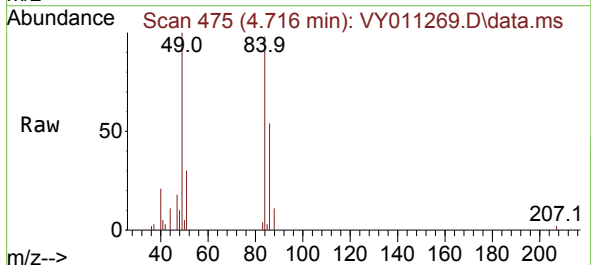
Ion Ratio Lower Upper

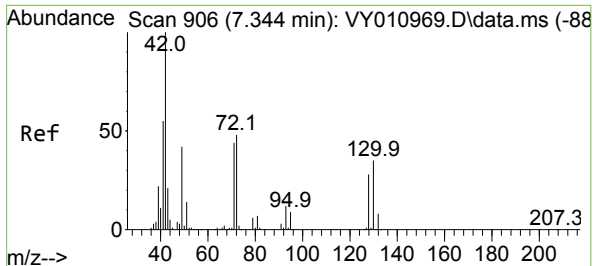
84 100

49 101.7 114.4 171.6#

51 30.1 35.3 52.9#

86 55.1 53.7 80.5





#29

Tetrahydrofuran

Concen: 1.379 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY011269.D

Acq: 02 Nov 2022 17:42

Instrument :

MSVOA_Y

ClientSampleId :

S-13-103122

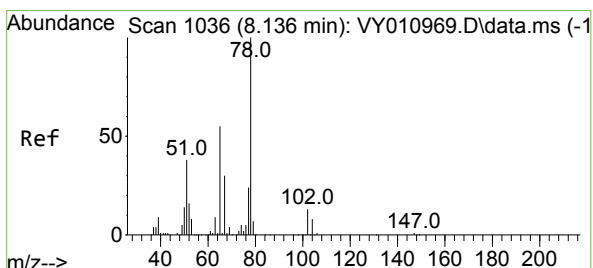
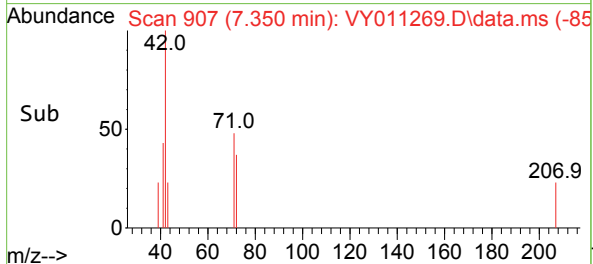
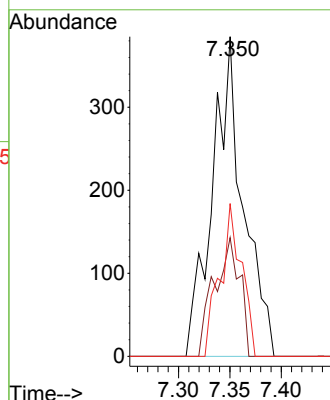
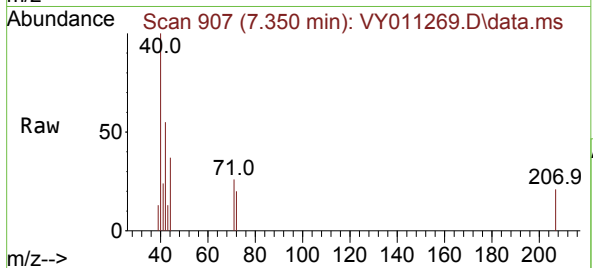
Tgt Ion: 42 Resp: 807

Ion Ratio Lower Upper

42 100

72 30.4 30.3 45.5

71 33.3 29.0 43.4



#33

1,2-Dichloroethane-d4

Concen: 52.852 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY011269.D

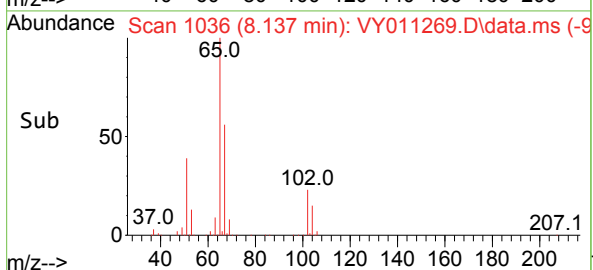
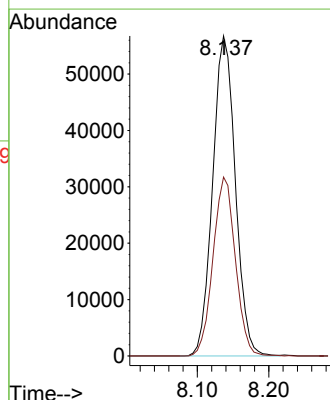
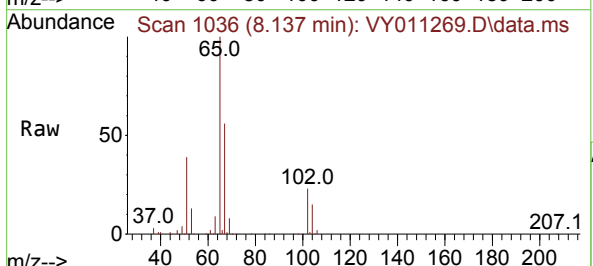
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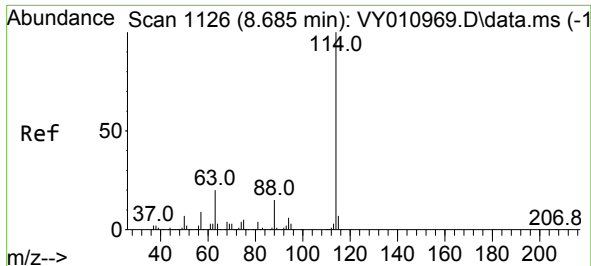
Tgt Ion: 65 Resp: 125051

Ion Ratio Lower Upper

65 100

67 55.1 0.0 99.4

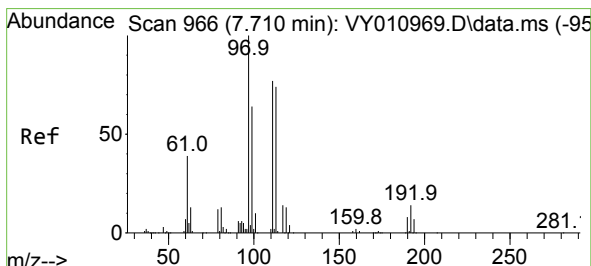
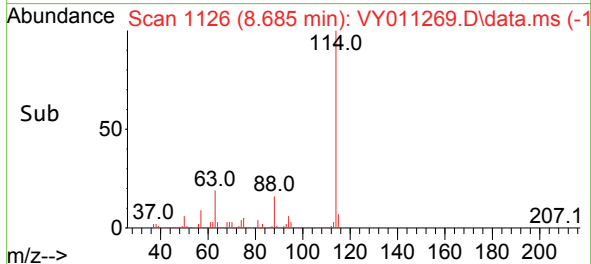
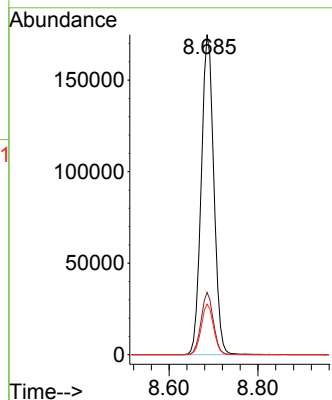
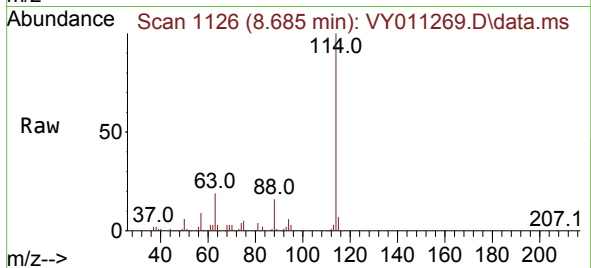




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011269.D
Acq: 02 Nov 2022 17:42

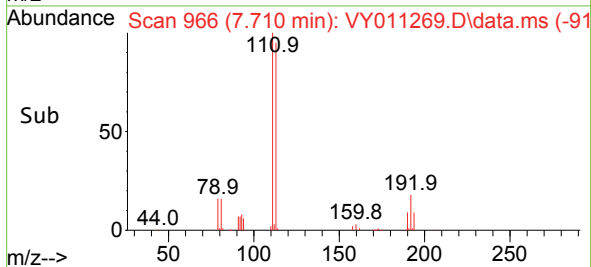
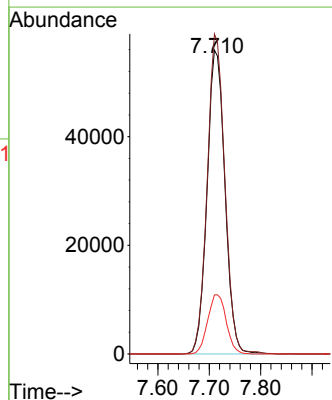
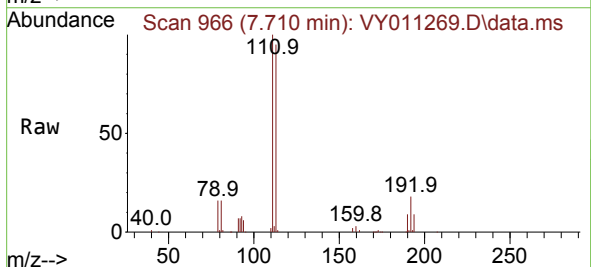
Instrument :
MSVOA_Y
ClientSampleId :
S-13-103122

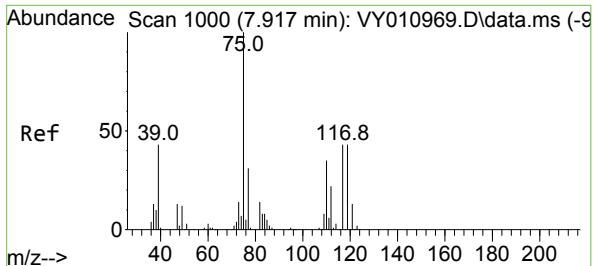
Tgt Ion:114 Resp: 345009
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.2
88 15.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 60.985 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY011269.D
Acq: 02 Nov 2022 17:42

Tgt Ion:113 Resp: 135183
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 20.2 17.6 26.4

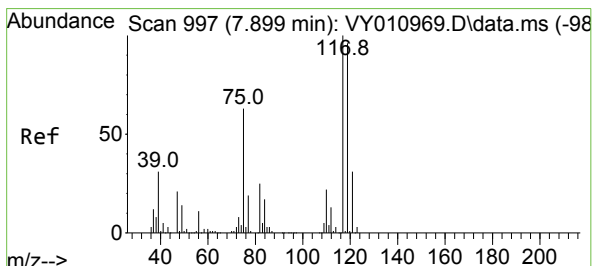
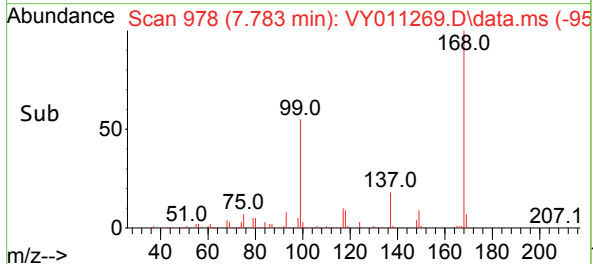
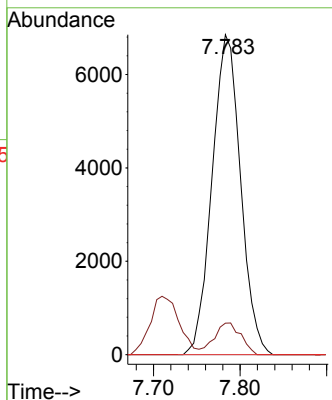
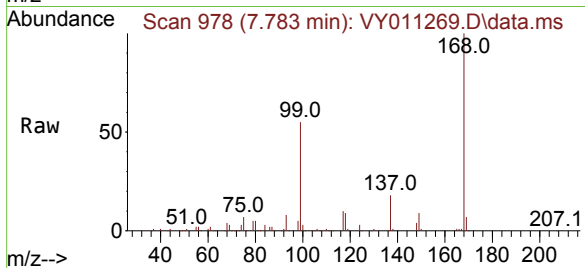




#36
 1,1-Dichloropropene
 Concen: 4.321 ug/l
 RT: 7.783 min Scan# 911
 Delta R.T. -0.134 min
 Lab File: VY011269.D
 Acq: 02 Nov 2022 17:42

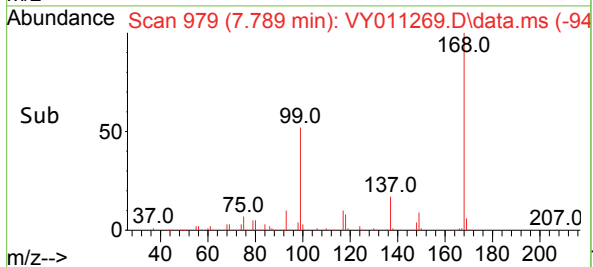
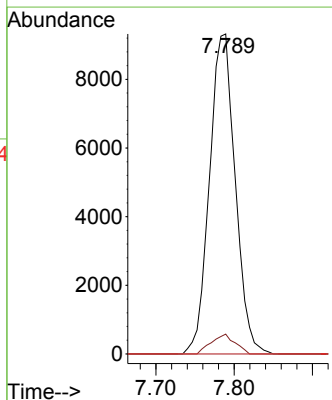
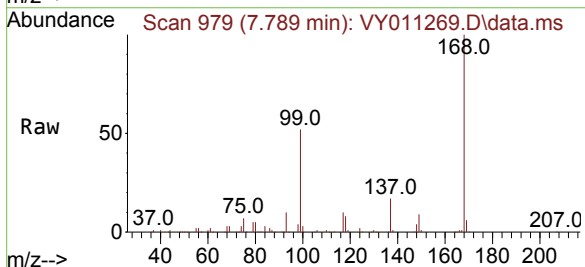
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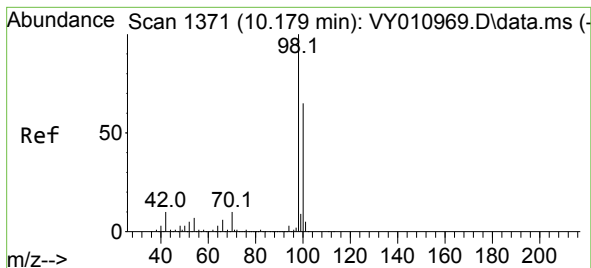
Tgt Ion: 75 Resp: 15640
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.673 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY011269.D
 Acq: 02 Nov 2022 17:42

Tgt Ion: 117 Resp: 21307
 Ion Ratio Lower Upper
 117 100
 119 6.2 77.9 116.9#
 121 0.0 24.8 37.2#

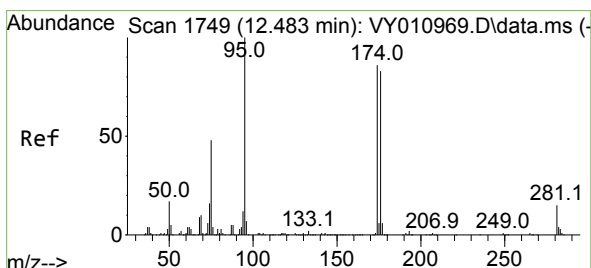
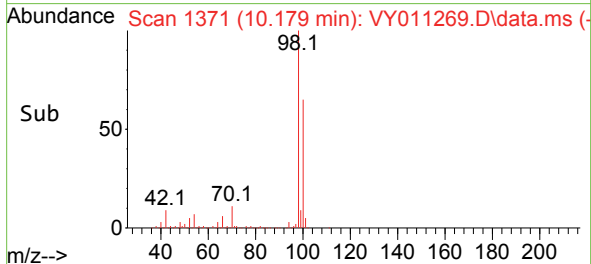
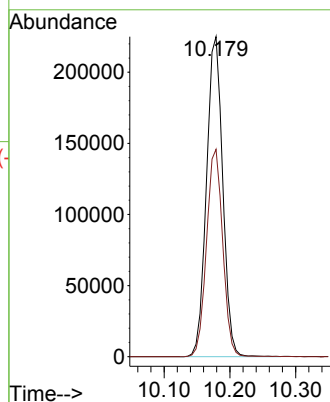
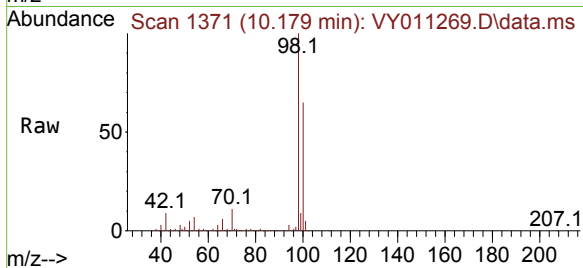




#50
Toluene-d8
Concen: 44.842 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011269.D
Acq: 02 Nov 2022 17:42

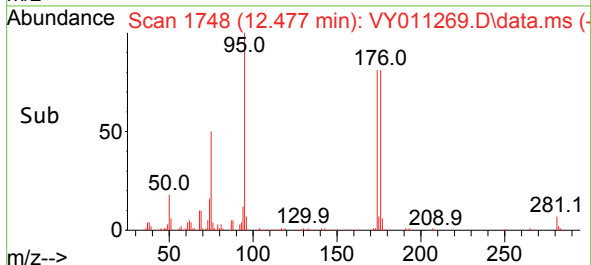
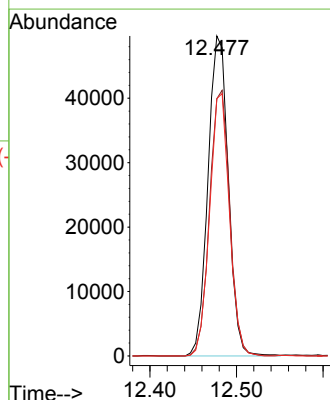
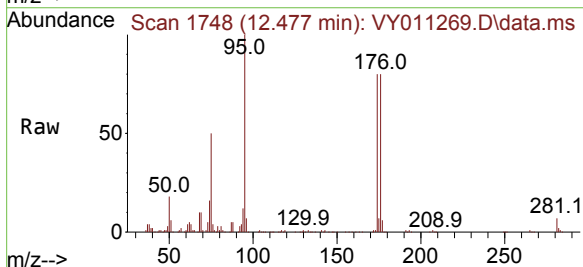
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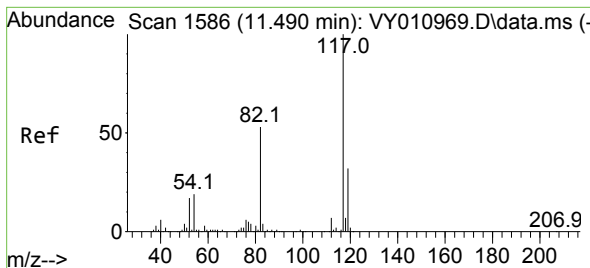
Tgt Ion: 98 Resp: 385929
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 27.101 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011269.D
Acq: 02 Nov 2022 17:42

Tgt Ion: 95 Resp: 80973
Ion Ratio Lower Upper
95 100
174 82.9 0.0 177.0
176 79.6 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011269.D

Acq: 02 Nov 2022 17:42

Instrument :

MSVOA_Y

ClientSampleId :

S-13-103122

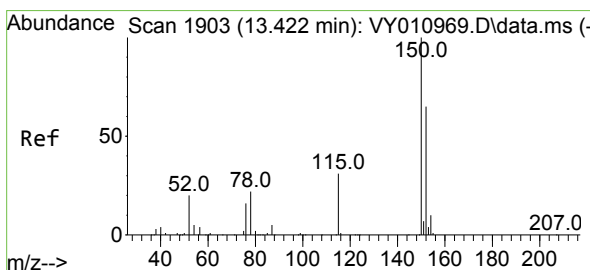
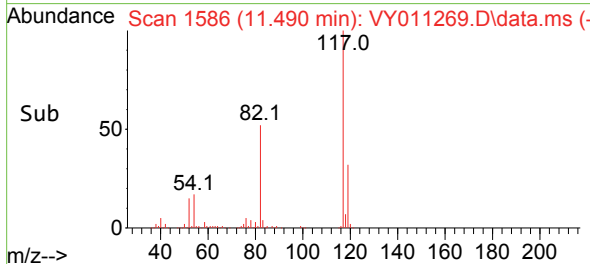
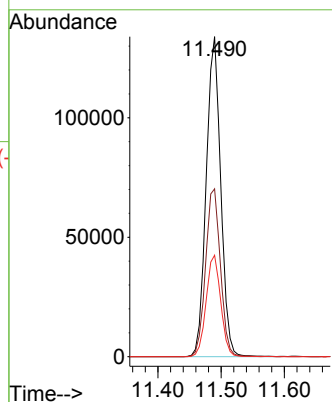
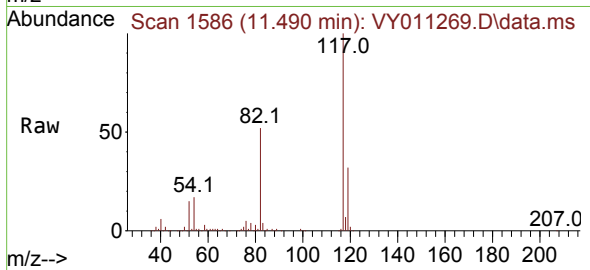
Tgt Ion:117 Resp: 213885

Ion Ratio Lower Upper

117 100

82 52.5 43.0 64.4

119 31.7 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: VY011269.D

Acq: 02 Nov 2022 17:42

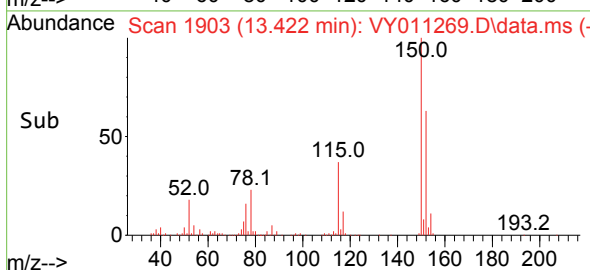
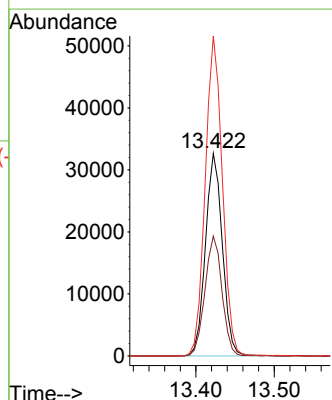
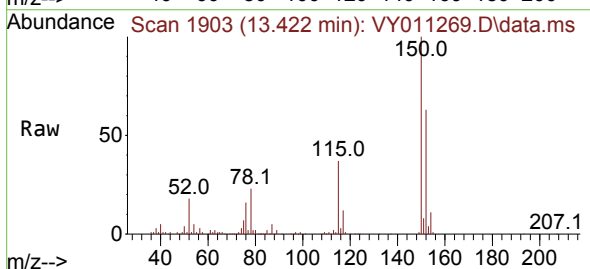
Tgt Ion:152 Resp: 48858

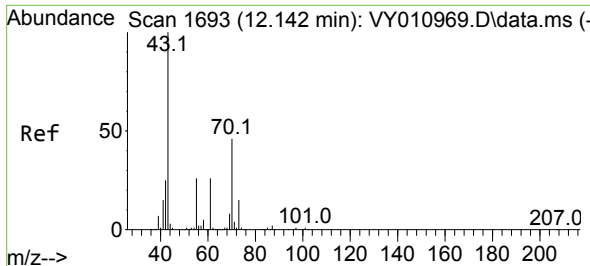
Ion Ratio Lower Upper

152 100

115 59.8 28.2 84.7

150 159.9 0.0 347.6

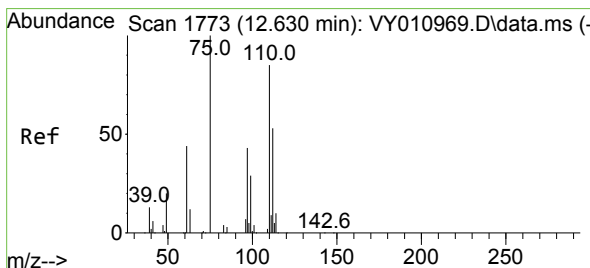
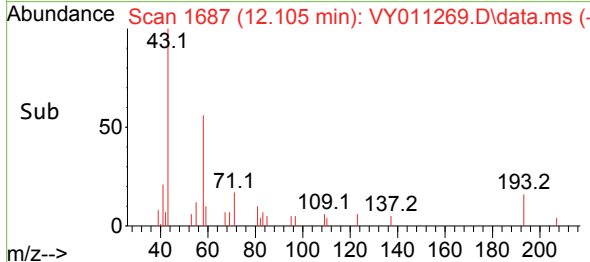
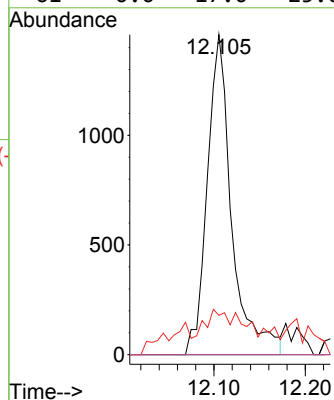
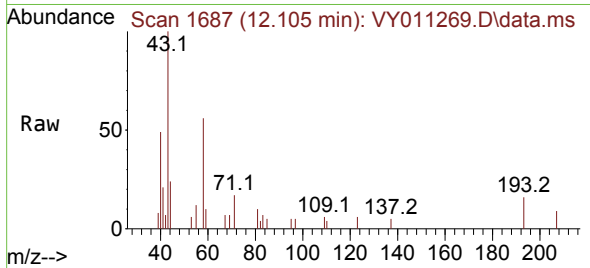




#74
N-amy1 acetate
Concen: 2.956 ug/l
RT: 12.105 min Scan# 1
Delta R.T. -0.037 min
Lab File: VY011269.D
Acq: 02 Nov 2022 17:42

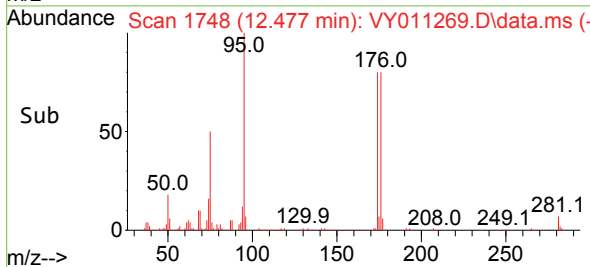
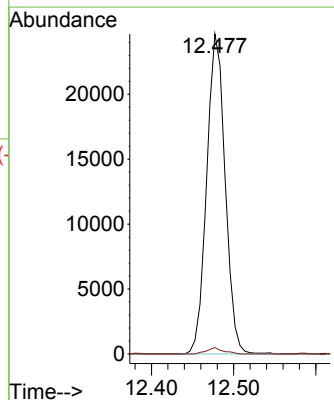
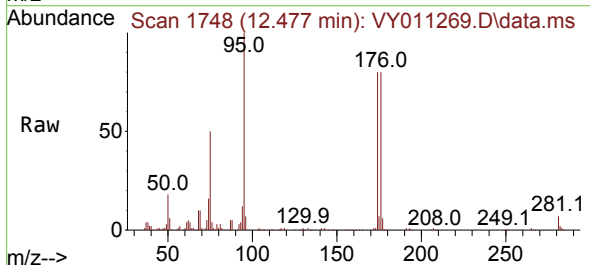
Instrument :
MSVOA_Y
ClientSampleId :
S-13-103122

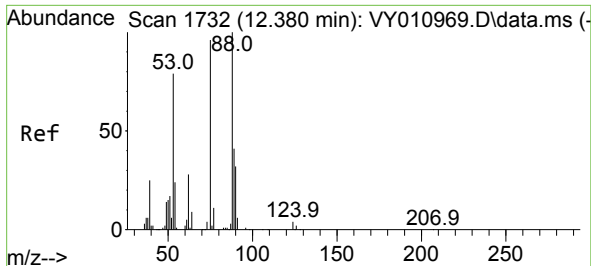
Tgt Ion: 43 Resp: 2711
Ion Ratio Lower Upper
43 100
70 0.0 28.7 43.1#
55 17.8 17.3 25.9
61 0.0 17.0 25.6#



#76
1,2,3-Trichloropropane
Concen: 64.630 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011269.D
Acq: 02 Nov 2022 17:42

Tgt Ion: 75 Resp: 38442
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#

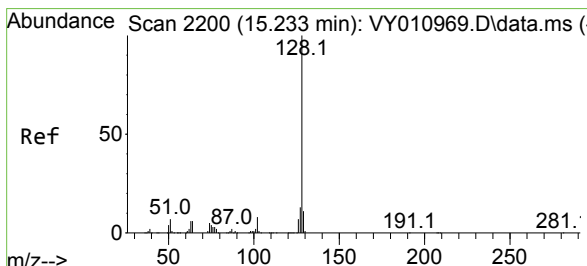
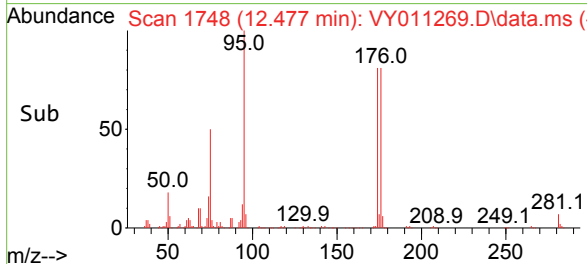
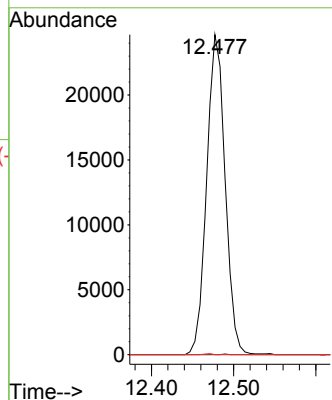
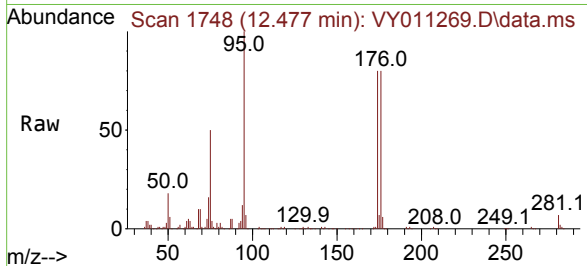




#81
trans-1,4-Dichloro-2-butene
Concen: 138.316 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011269.D
Acq: 02 Nov 2022 17:42

Instrument :
MSVOA_Y
ClientSampleId :
S-13-103122

Tgt Ion: 75 Resp: 38442
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 4.125 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY011269.D
Acq: 02 Nov 2022 17:42

Tgt Ion: 128 Resp: 370
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

