

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011263.D
 Acq On : 02 Nov 2022 15:26
 Operator : KP/MD
 Sample : N5395-06
 Misc : 5.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-5-103122

Quant Time: Nov 03 05:16:49 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)

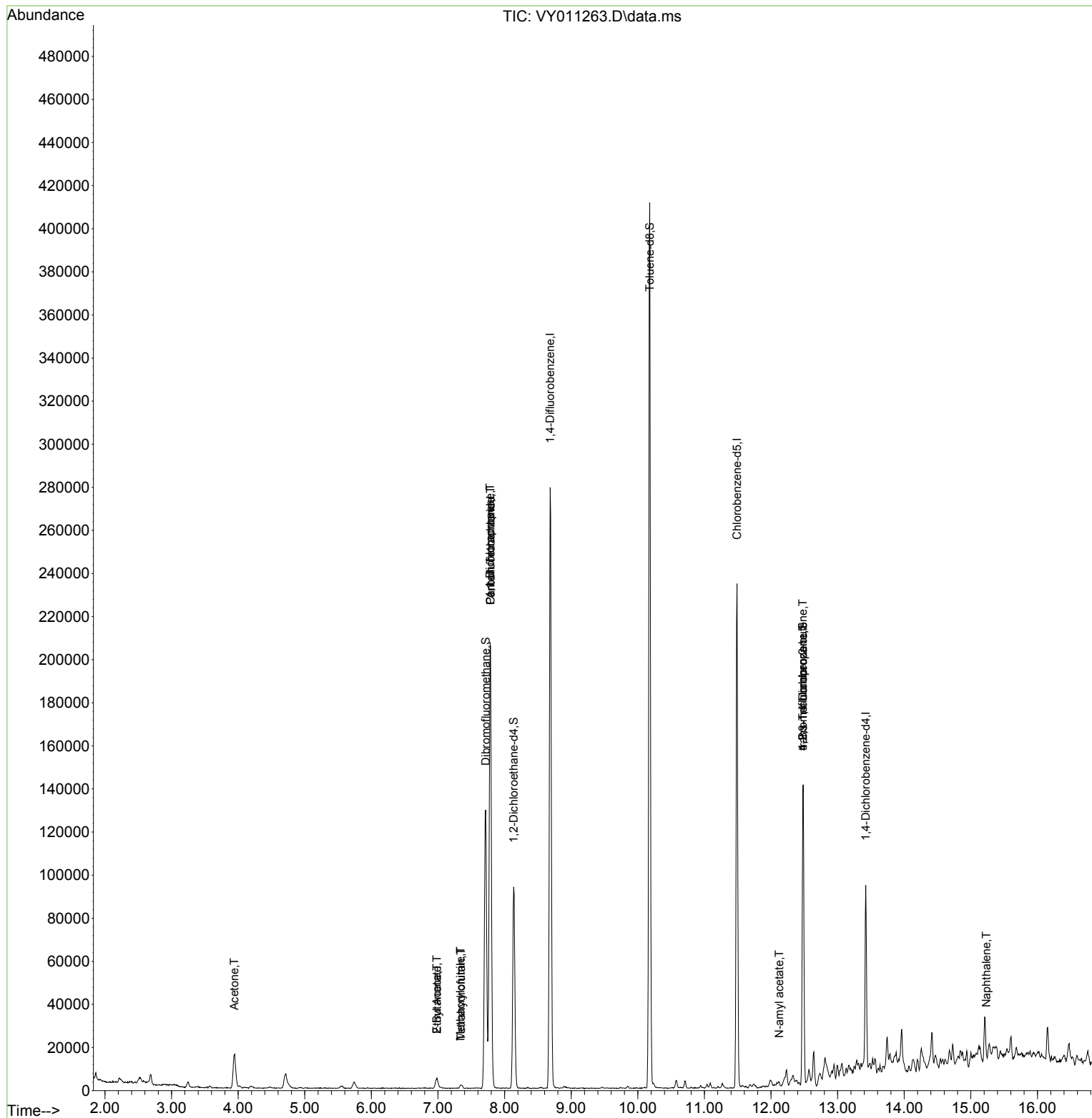
Internal Standards						
1) Pentafluorobenzene	7.789	168	164674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	248295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	133604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	23247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	72825	41.350	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.700%
35) Dibromofluoromethane	7.716	113	94954	59.522	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.040%
50) Toluene-d8	10.179	98	277727	44.839	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.680%
62) 4-Bromofluorobenzene	12.477	95	39561	18.398	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	36.800%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	425	Below Cal	#	77
16) Acetone	3.942	43	28413	53.444	ug/l #	86
20) Methylene Chloride	4.704	84	5414	Below Cal	#	69
25) 2-Butanone	6.984	43	6251	8.357	ug/l #	90
29) Tetrahydrofuran	7.344	42	1133	2.602	ug/l #	75
36) 1,1-Dichloropropene	7.783	75	11802	4.530	ug/l #	50
37) Ethyl Acetate	6.984	43	6251	4.451	ug/l #	72
38) Carbon Tetrachloride	7.789	117	15819	5.853	ug/l #	16
41) Methacrylonitrile	7.338	41	784	1.027	ug/l #	35
74) N-amyl acetate	12.123	43	876	2.008	ug/l #	47
76) 1,2,3-Trichloropropane	12.477	75	19339	68.333	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	19339	146.241	ug/l #	8
95) Naphthalene	15.233	128	863	4.736	ug/l #	50

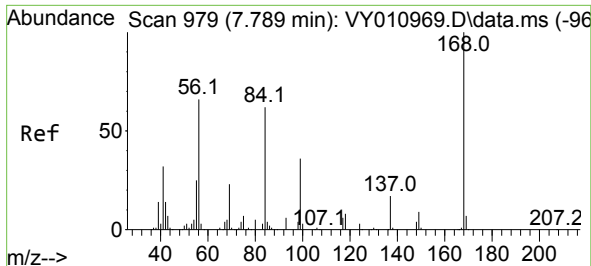
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
Data File : VY011263.D
Acq On : 02 Nov 2022 15:26
Operator : KP/MD
Sample : N5395-06
Misc : 5.20g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-5-103122

Quant Time: Nov 03 05:16:49 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

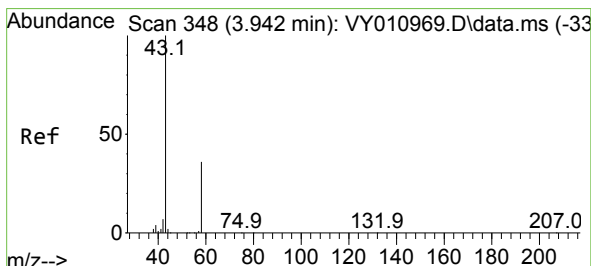
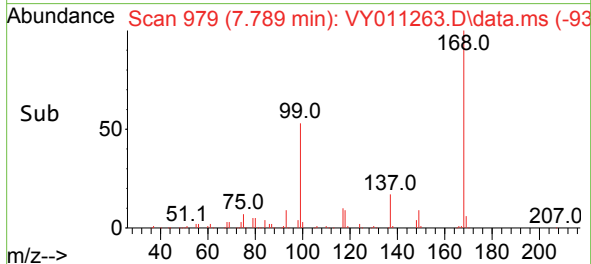
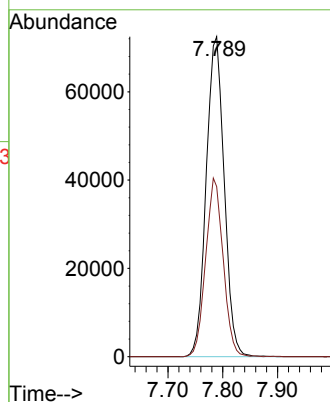
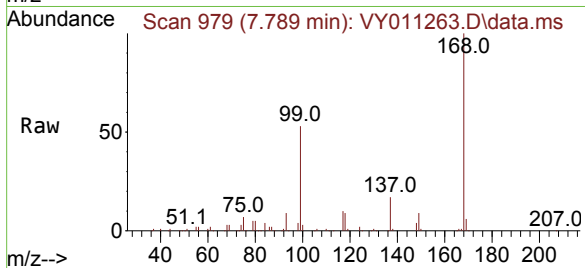




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011263.D
Acq: 02 Nov 2022 15:26

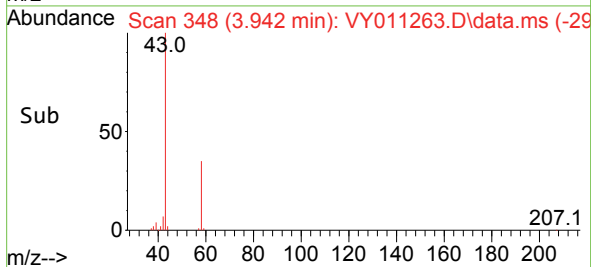
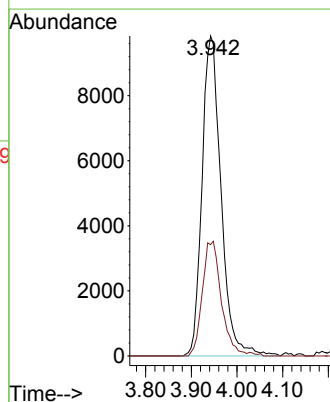
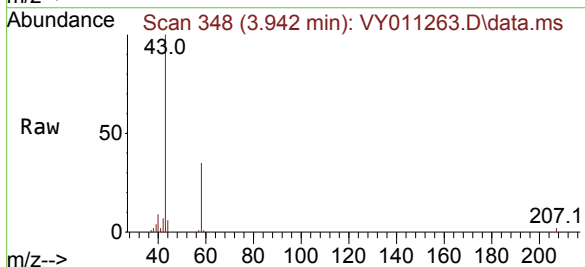
Instrument :
MSVOA_Y
ClientSampleId :
S-5-103122

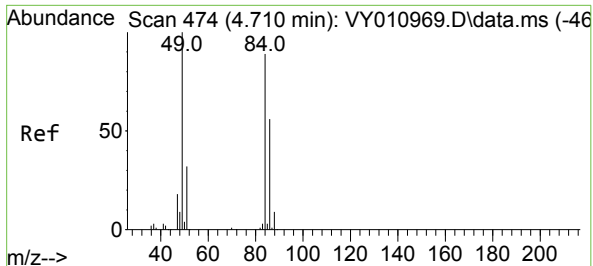
Tgt Ion:168 Resp: 164674
Ion Ratio Lower Upper
168 100
99 53.2 46.9 70.3



#16
Acetone
Concen: 53.444 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY011263.D
Acq: 02 Nov 2022 15:26

Tgt Ion: 43 Resp: 28413
Ion Ratio Lower Upper
43 100
58 34.8 22.0 33.0#

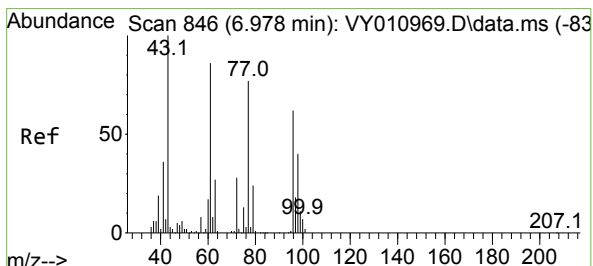
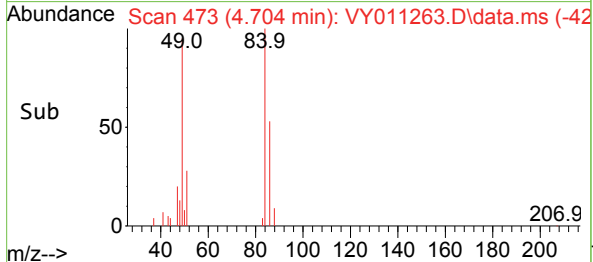
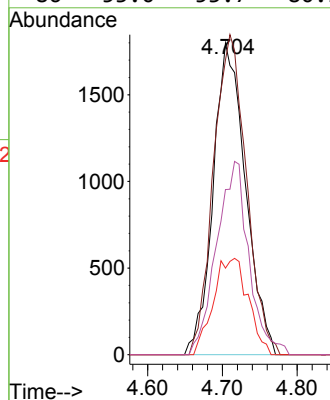
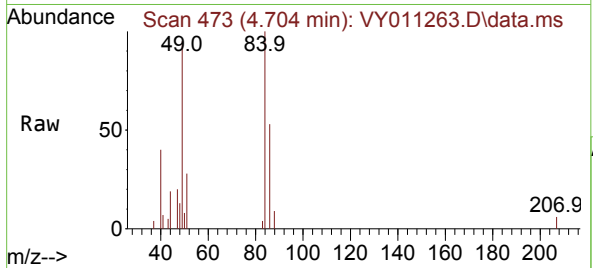




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011263.D
Acq: 02 Nov 2022 15:26

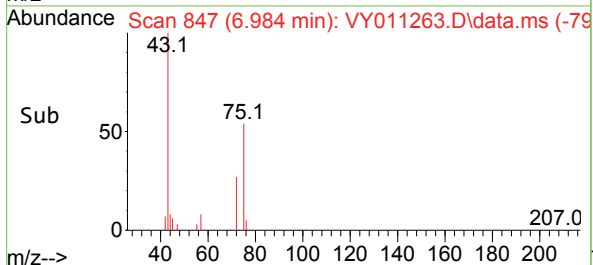
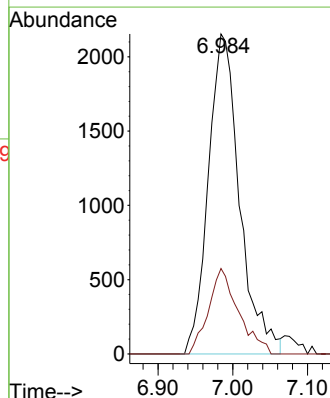
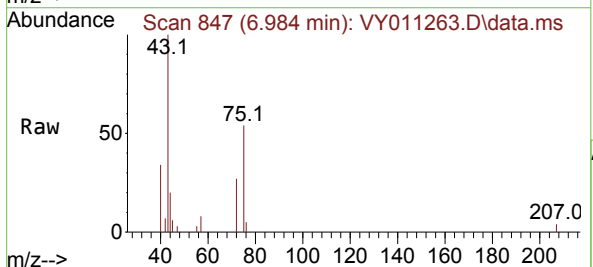
Instrument :
MSVOA_Y
ClientSampleId :
S-5-103122

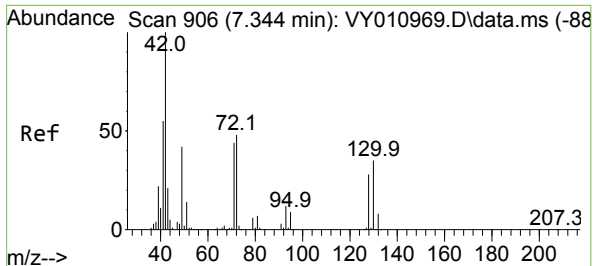
Tgt Ion: 84 Resp: 5414
Ion Ratio Lower Upper
84 100
49 94.6 114.4 171.6#
51 27.8 35.3 52.9#
86 53.0 53.7 80.5#



#25
2-Butanone
Concen: 8.357 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY011263.D
Acq: 02 Nov 2022 15:26

Tgt Ion: 43 Resp: 6251
Ion Ratio Lower Upper
43 100
72 26.7 17.7 26.5#





#29

Tetrahydrofuran

Concen: 2.602 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY011263.D

Acq: 02 Nov 2022 15:26

Instrument :

MSVOA_Y

ClientSampleId :

S-5-103122

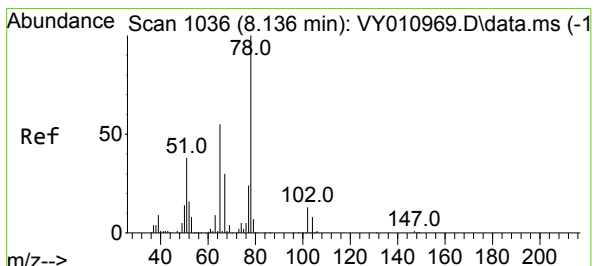
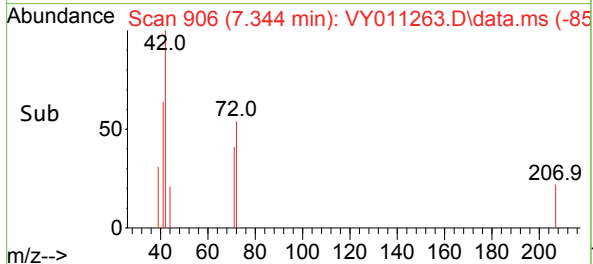
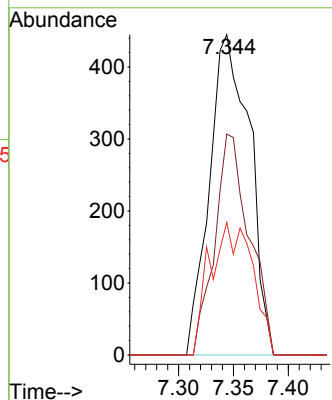
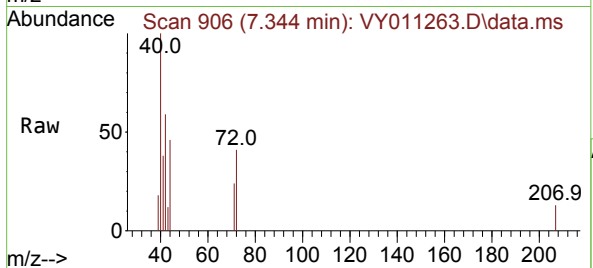
Tgt Ion: 42 Resp: 1133

Ion Ratio Lower Upper

42 100

72 59.8 30.3 45.5#

71 43.9 29.0 43.4#



#33

1,2-Dichloroethane-d4

Concen: 41.350 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011263.D

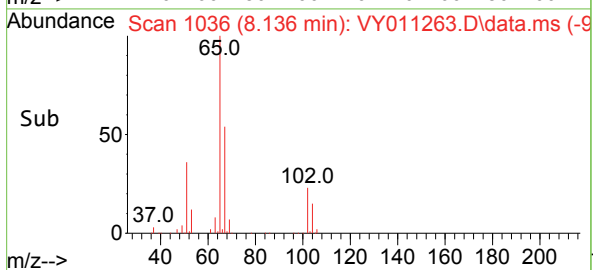
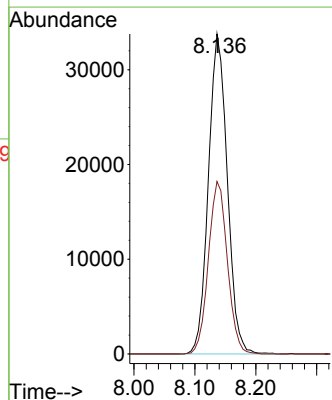
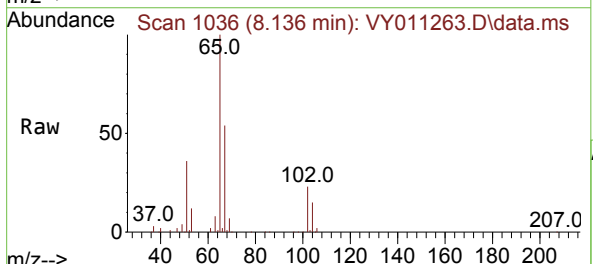
Acq: 02 Nov 2022 15:26

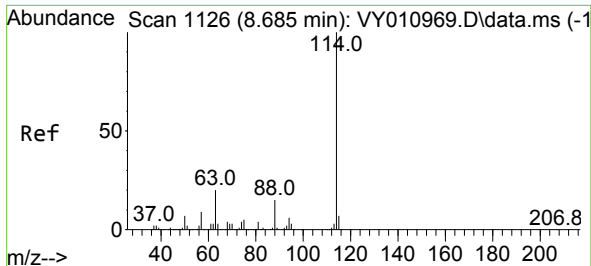
Tgt Ion: 65 Resp: 72825

Ion Ratio Lower Upper

65 100

67 54.2 0.0 99.4

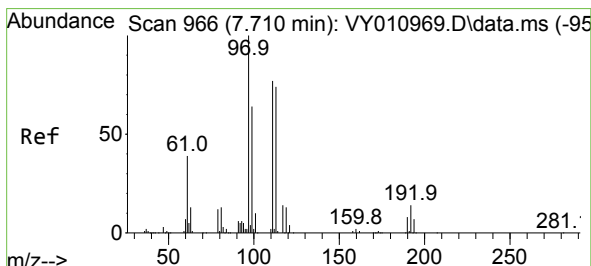
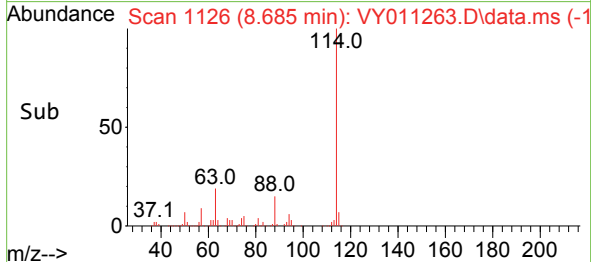
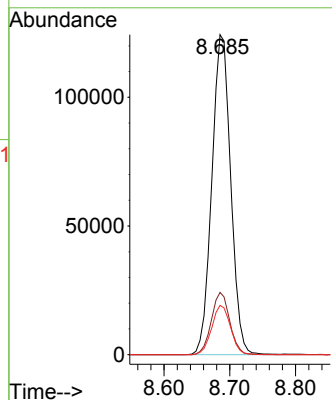
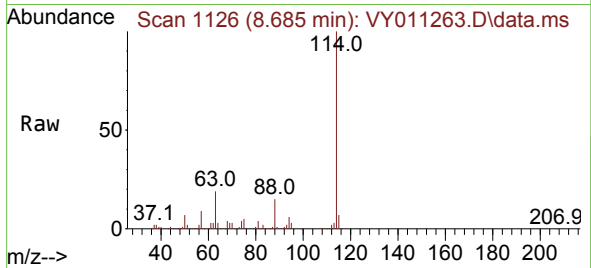




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011263.D
Acq: 02 Nov 2022 15:26

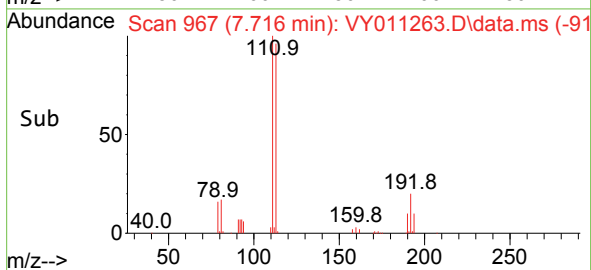
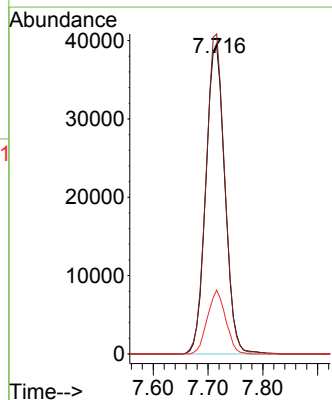
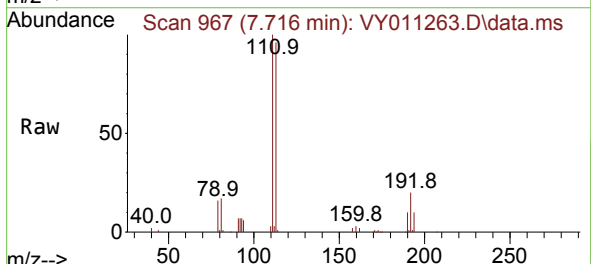
Instrument :
MSVOA_Y
ClientSampleId :
S-5-103122

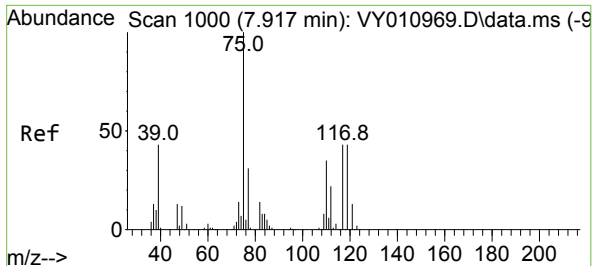
Tgt Ion:114 Resp: 248295
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.2
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 59.522 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011263.D
Acq: 02 Nov 2022 15:26

Tgt Ion:113 Resp: 94954
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 19.8 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.530 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY011263.D

Acq: 02 Nov 2022 15:26

Instrument :

MSVOA_Y

ClientSampleId :

S-5-103122

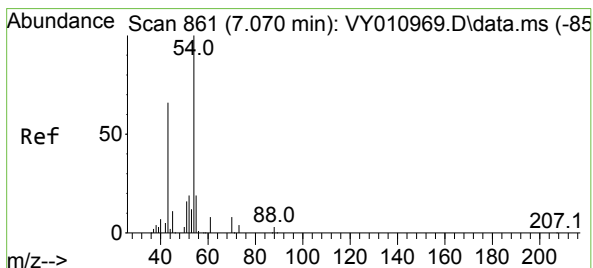
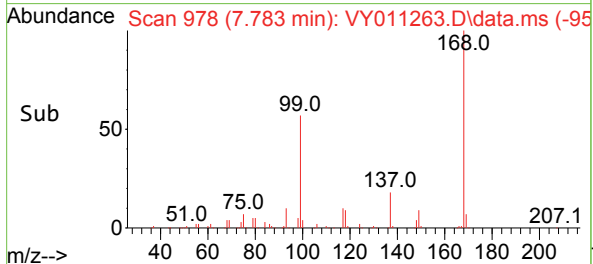
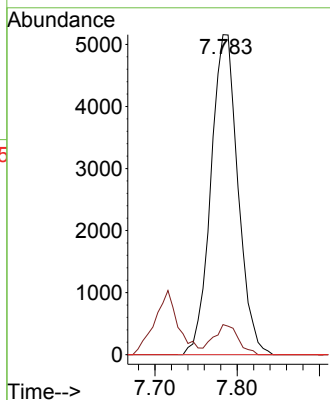
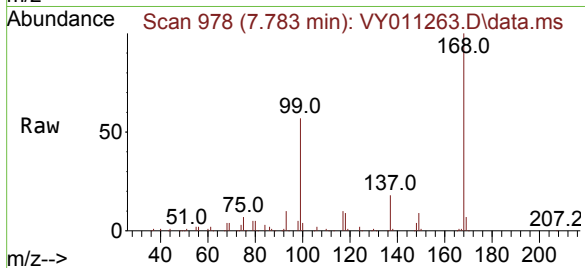
Tgt Ion: 75 Resp: 11802

Ion Ratio Lower Upper

75 100

110 8.4 17.1 51.2#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 4.451 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.086 min

Lab File: VY011263.D

Acq: 02 Nov 2022 15:26

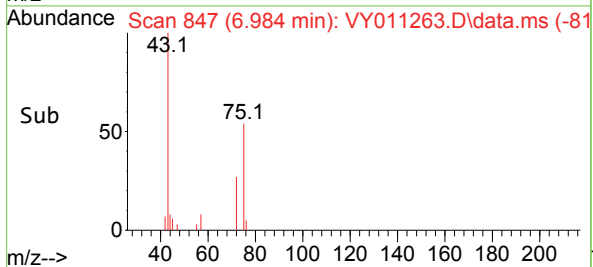
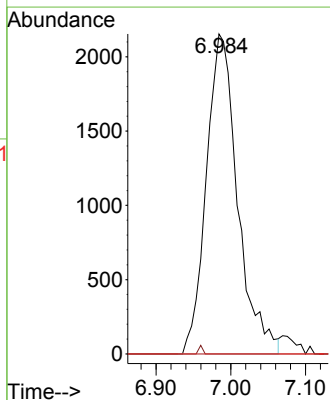
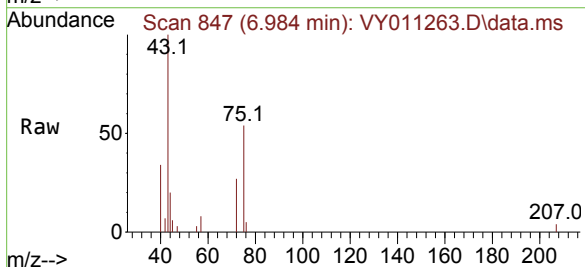
Tgt Ion: 43 Resp: 6251

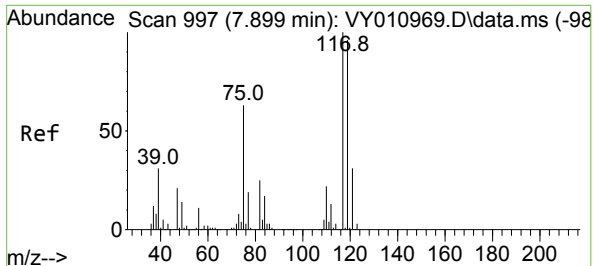
Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 0.0 7.1 10.7#

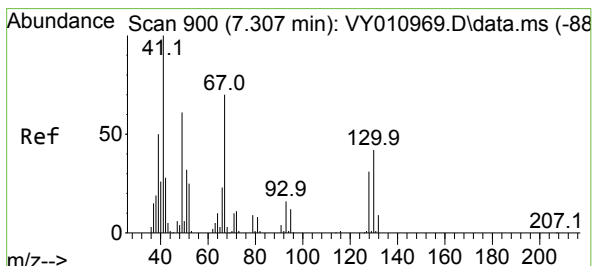
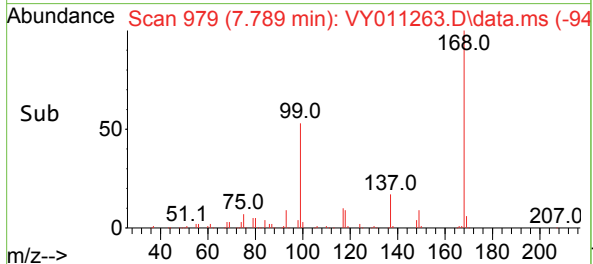
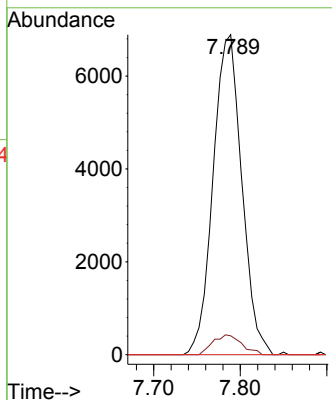
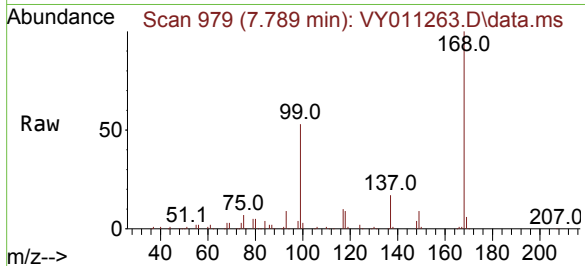




#38
Carbon Tetrachloride
Concen: 5.853 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011263.D
Acq: 02 Nov 2022 15:26

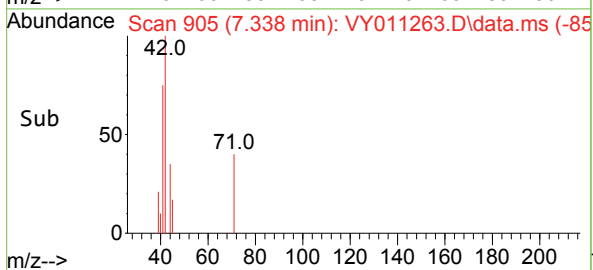
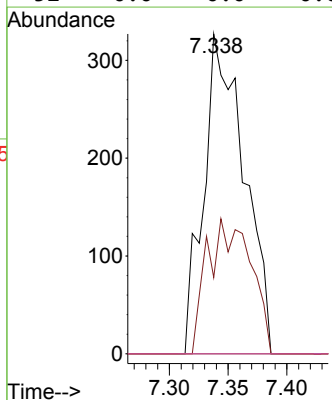
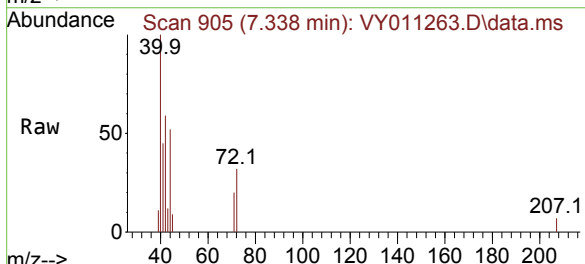
Instrument :
MSVOA_Y
ClientSampleId :
S-5-103122

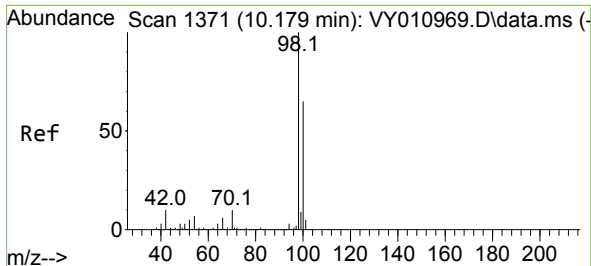
Tgt Ion:117 Resp: 15819
Ion Ratio Lower Upper
117 100
119 5.9 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 1.027 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY011263.D
Acq: 02 Nov 2022 15:26

Tgt Ion: 41 Resp: 784
Ion Ratio Lower Upper
41 100
39 45.4 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

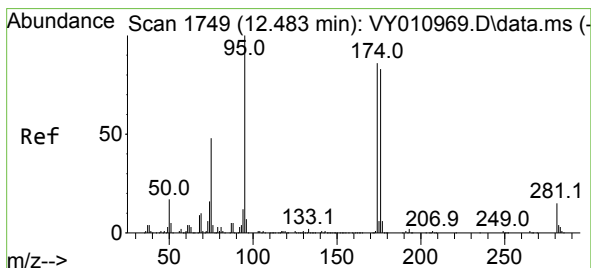
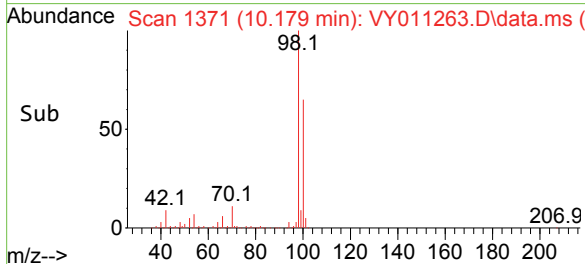
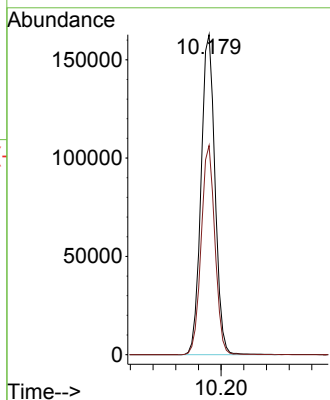
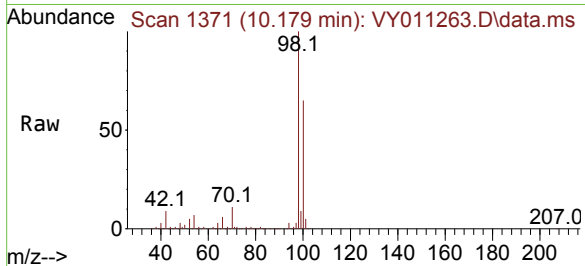




#50
Toluene-d8
Concen: 44.839 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011263.D
Acq: 02 Nov 2022 15:26

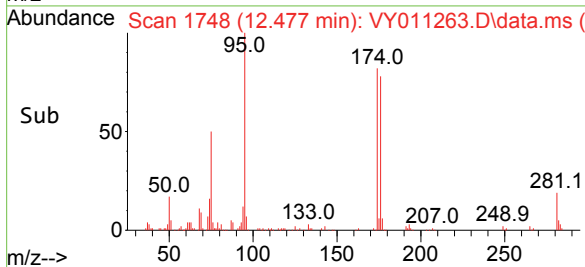
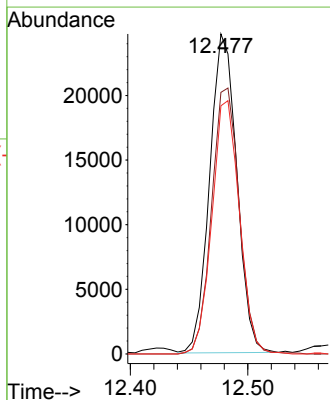
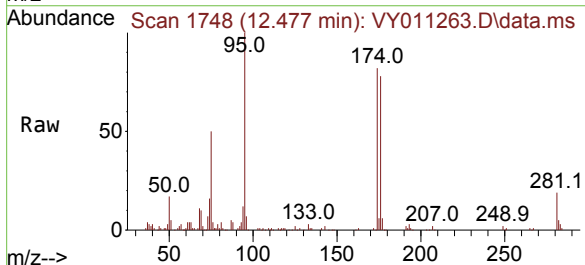
Instrument :
MSVOA_Y
ClientSampleId :
S-5-103122

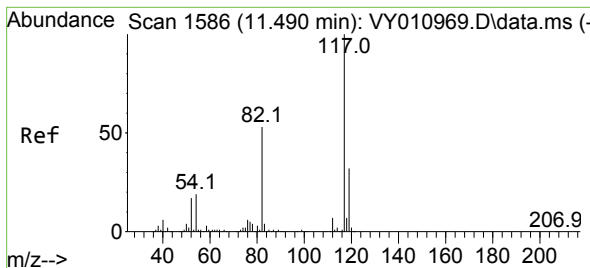
Tgt Ion: 98 Resp: 277727
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 18.398 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011263.D
Acq: 02 Nov 2022 15:26

Tgt Ion: 95 Resp: 39561
Ion Ratio Lower Upper
95 100
174 85.3 0.0 177.0
176 80.7 0.0 175.8

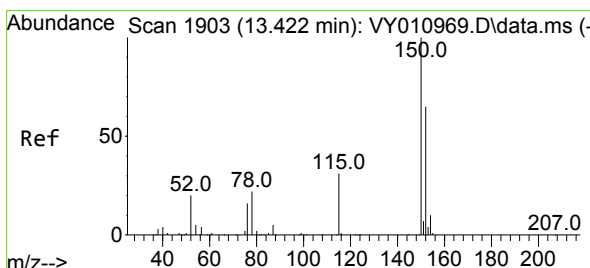
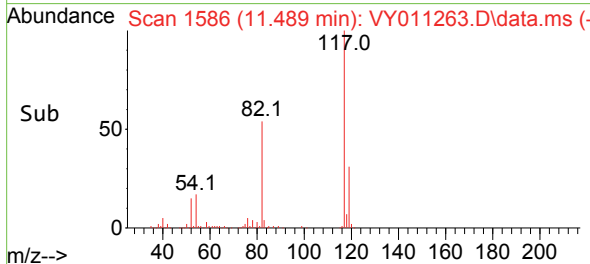
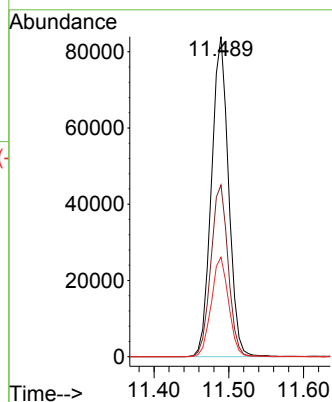
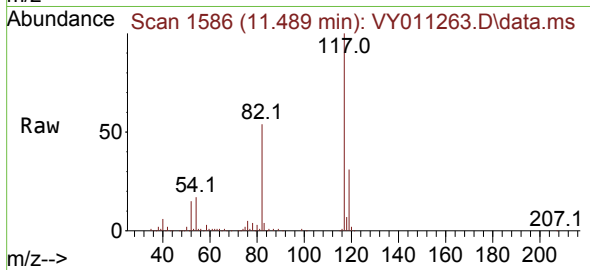




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011263.D
Acq: 02 Nov 2022 15:26

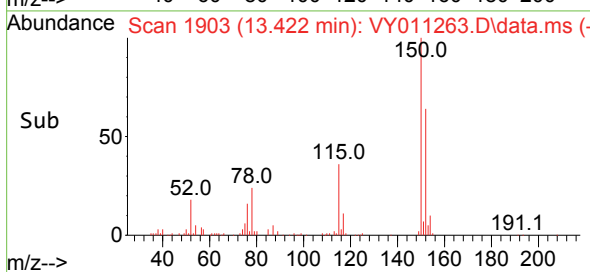
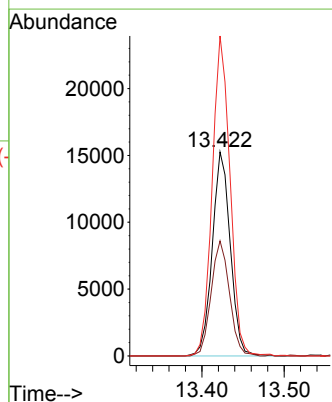
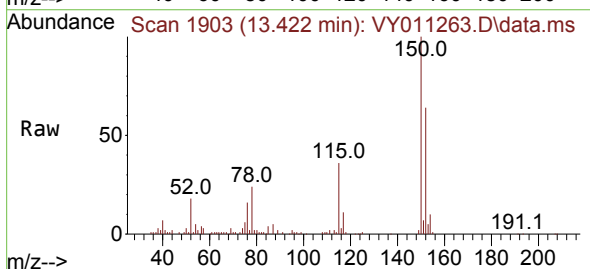
Instrument :
MSVOA_Y
ClientSampleId :
S-5-103122

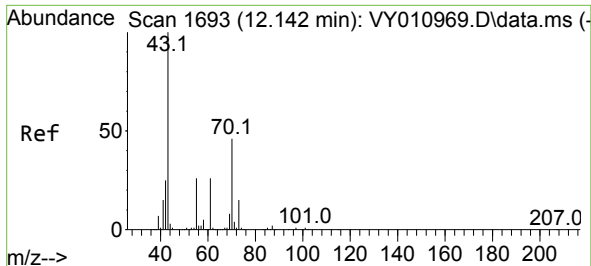
Tgt Ion:117 Resp: 133604
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 31.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011263.D
Acq: 02 Nov 2022 15:26

Tgt Ion:152 Resp: 23247
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 155.1 0.0 347.6

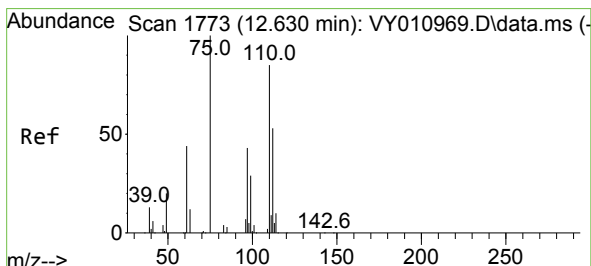
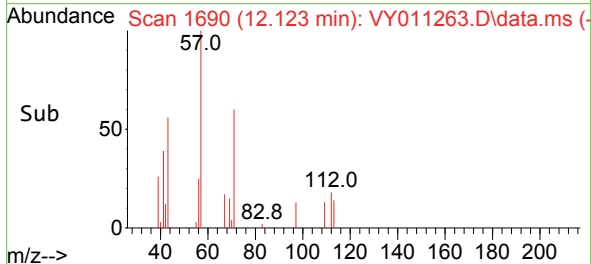
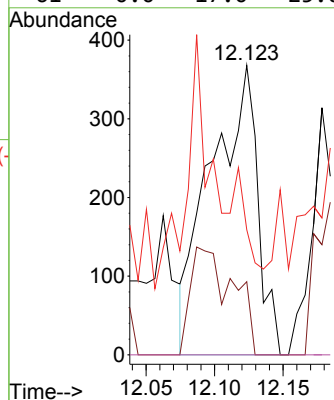
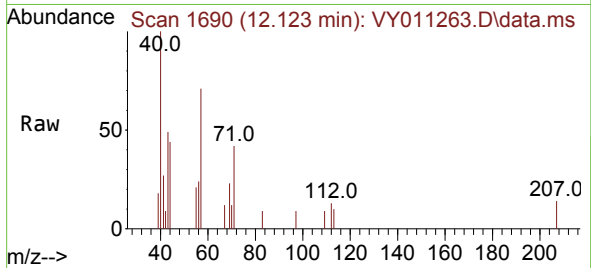




#74
N-amy1 acetate
Concen: 2.008 ug/l
RT: 12.123 min Scan# 1
Delta R.T. -0.019 min
Lab File: VY011263.D
Acq: 02 Nov 2022 15:26

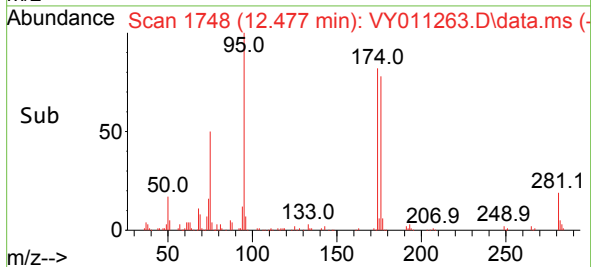
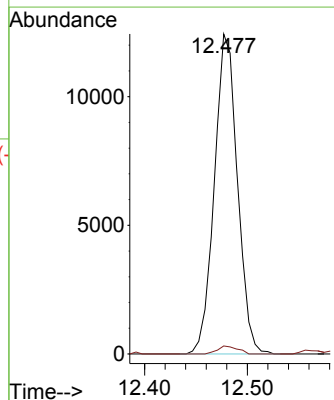
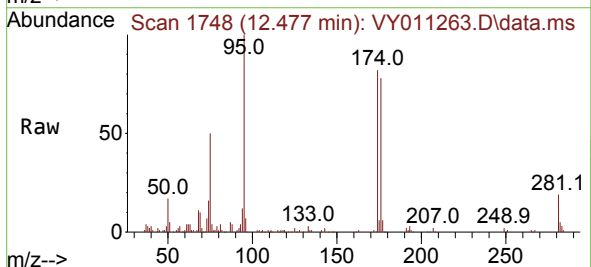
Instrument :
MSVOA_Y
ClientSampleId :
S-5-103122

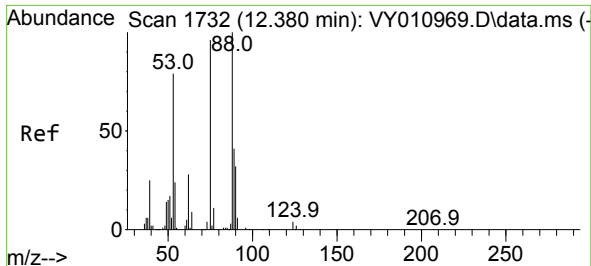
Tgt Ion: 43 Resp: 876
Ion Ratio Lower Upper
43 100
70 0.0 28.7 43.1#
55 0.0 17.3 25.9#
61 0.0 17.0 25.6#



#76
1,2,3-Trichloropropane
Concen: 68.333 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011263.D
Acq: 02 Nov 2022 15:26

Tgt Ion: 75 Resp: 19339
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#

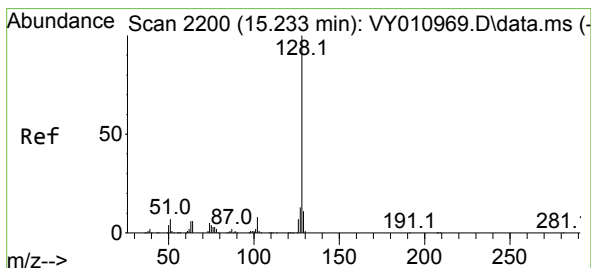
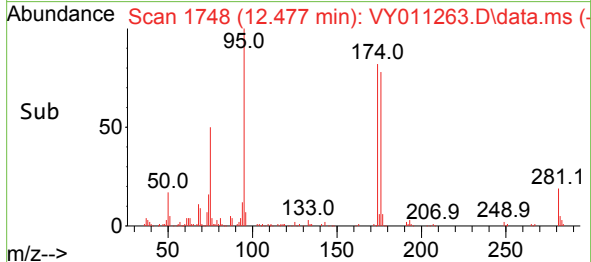
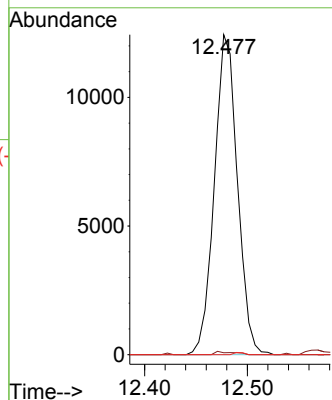
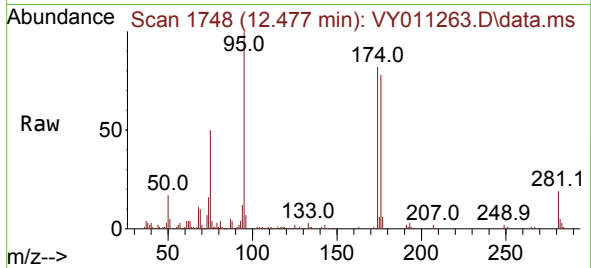




#81
trans-1,4-Dichloro-2-butene
Concen: 146.241 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011263.D
Acq: 02 Nov 2022 15:26

Instrument :
MSVOA_Y
ClientSampleId :
S-5-103122

Tgt Ion: 75 Resp: 19339
Ion Ratio Lower Upper
75 100
53 0.8 85.3 127.9#
89 0.3 37.0 55.4#



#95
Naphthalene
Concen: 4.736 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011263.D
Acq: 02 Nov 2022 15:26

Tgt Ion: 128 Resp: 863
Ion Ratio Lower Upper
128 100
127 40.4 11.0 16.4#
129 0.0 8.4 12.6#

