

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
 Data File : VY011947.D
 Acq On : 21 Dec 2022 15:23
 Operator : KP/MD
 Sample : N6092-01
 Misc : 4.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20221254-LOCATION-2

Quant Time: Dec 22 00:14:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

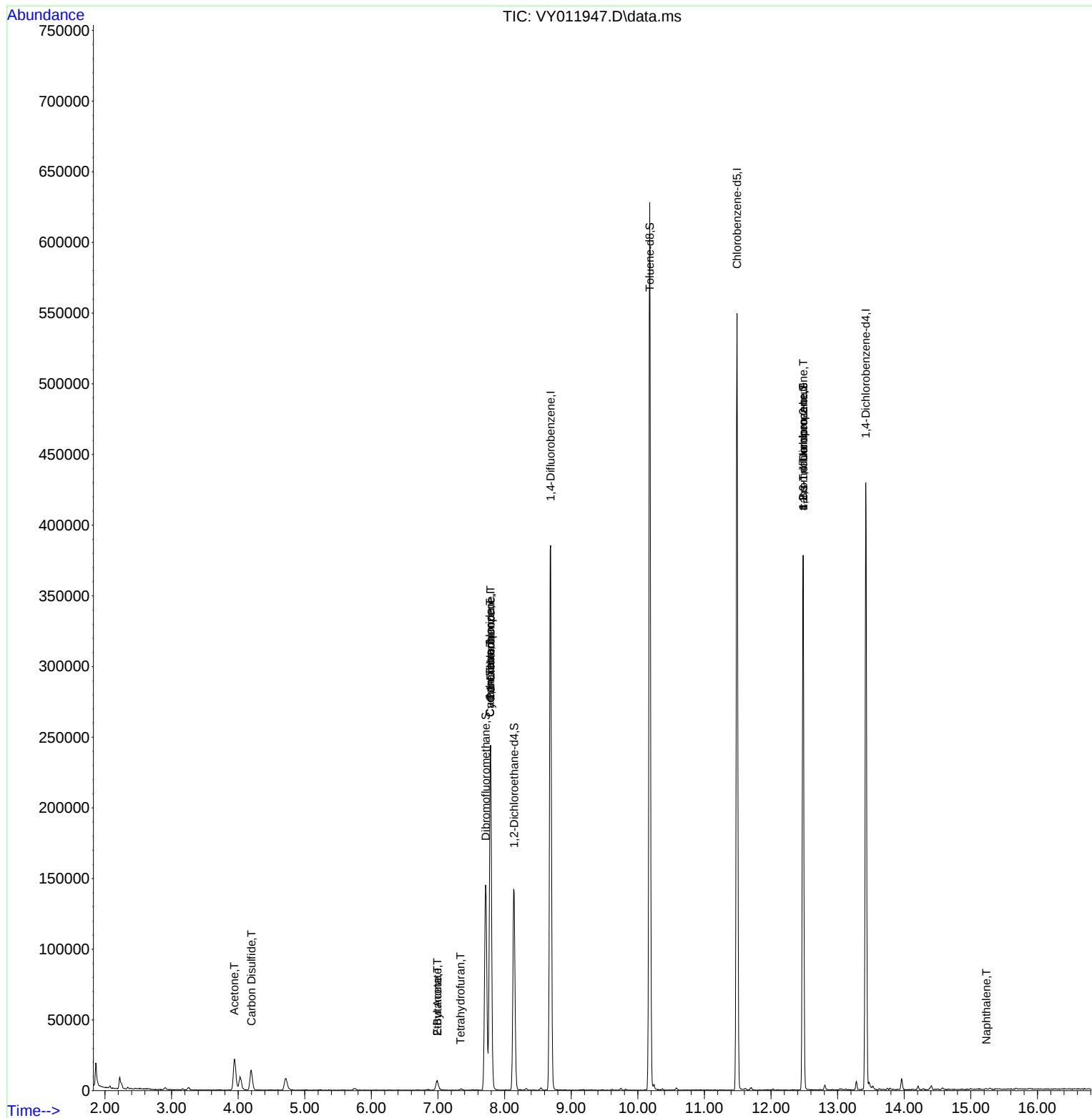
Internal Standards						
1) Pentafluorobenzene	7.789	168	191884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	337004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	295333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	113846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	114796	59.382	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.760%	
35) Dibromofluoromethane	7.716	113	103181	50.857	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.720%	
50) Toluene-d8	10.179	98	406263	49.354	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.700%	
62) 4-Bromofluorobenzene	12.483	95	112520	40.644	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.280%	
Target Compounds						
						Qvalue
16) Acetone	3.942	43	38785	70.763	ug/l	97
17) Carbon Disulfide	4.198	76	28610	4.940	ug/l	98
20) Methylene Chloride	4.716	84	6541	Below Cal		93
25) 2-Butanone	6.990	43	10622	16.495	ug/l	93
29) Tetrahydrofuran	7.338	42	384	1.052	ug/l #	56
31) Cyclohexane	7.783	56	3893	1.196	ug/l #	9
36) 1,1-Dichloropropene	7.789	75	14258	4.381	ug/l #	50
37) Ethyl Acetate	6.990	43	10622	7.275	ug/l #	68
38) Carbon Tetrachloride	7.783	117	19546	5.200	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	58816	41.518	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58816	113.698	ug/l #	13
95) Naphthalene	15.233	128	515	2.894	ug/l #	75

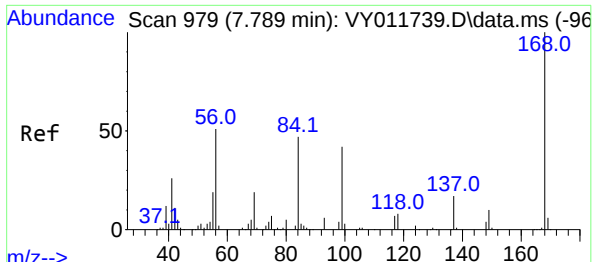
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
Data File : VY011947.D
Acq On : 21 Dec 2022 15:23
Operator : KP/MD
Sample : N6092-01
Misc : 4.20g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20221254-LOCATION-2

Quant Time: Dec 22 00:14:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration

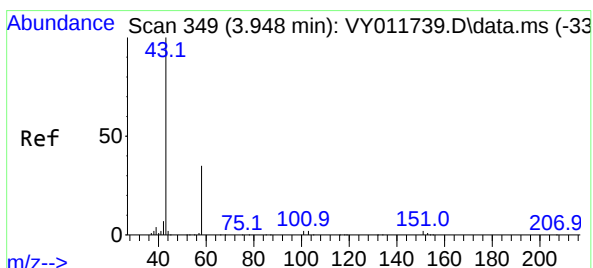
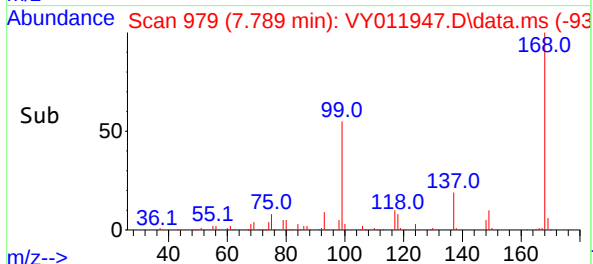
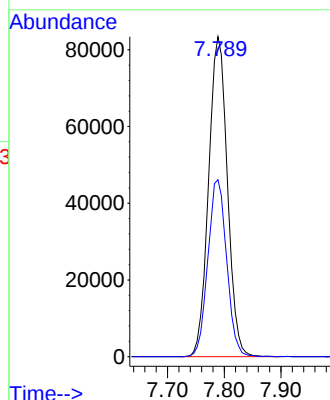
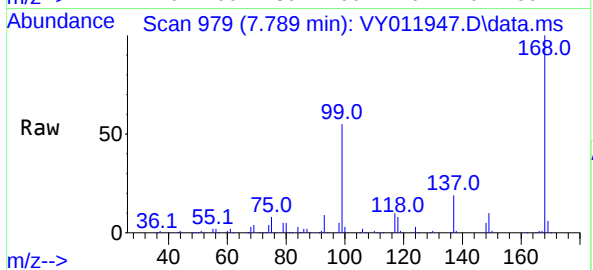




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011947.D
Acq: 21 Dec 2022 15:23

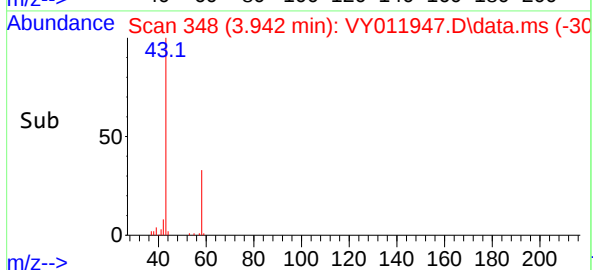
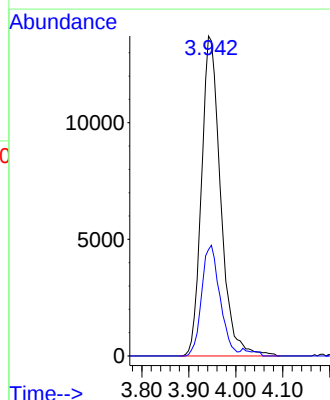
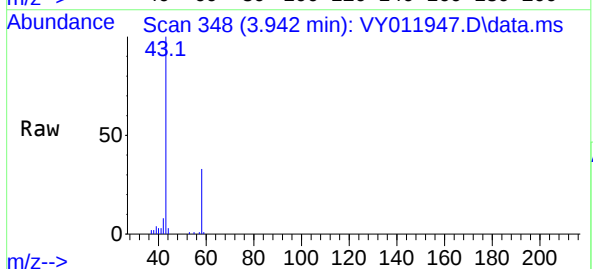
Instrument :
MSVOA_Y
ClientSampleId :
20221254-LOCATION-2

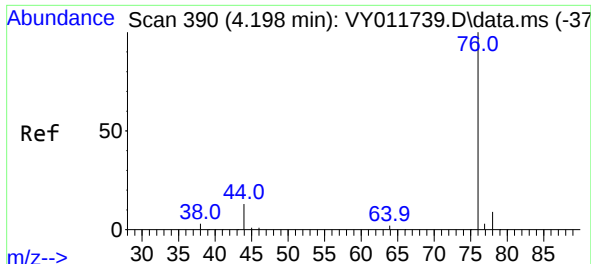
Tgt Ion:168 Resp: 191884
Ion Ratio Lower Upper
168 100
99 55.3 44.0 66.0



#16
Acetone
Concen: 70.763 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011947.D
Acq: 21 Dec 2022 15:23

Tgt Ion: 43 Resp: 38785
Ion Ratio Lower Upper
43 100
58 33.3 27.9 41.9

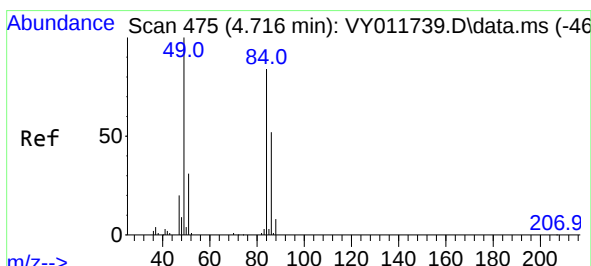
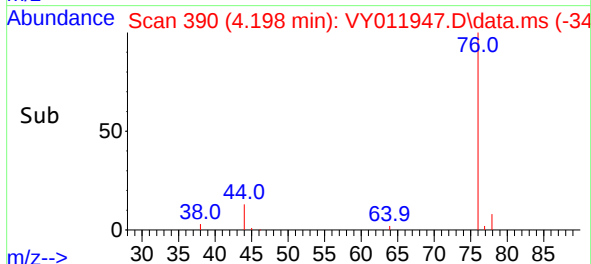
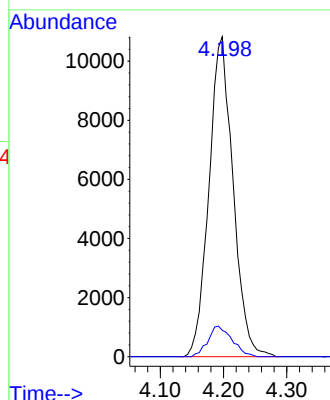
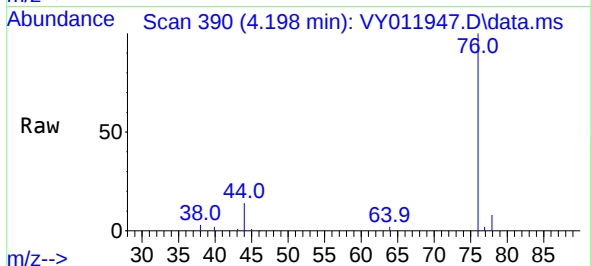




#17
Carbon Disulfide
Concen: 4.940 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY011947.D
Acq: 21 Dec 2022 15:23

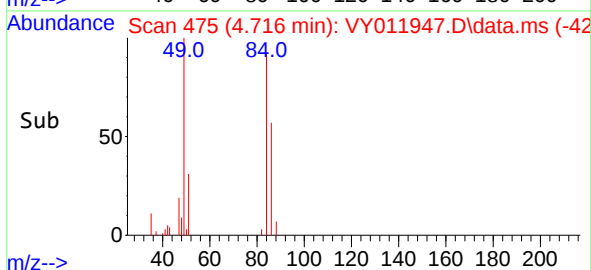
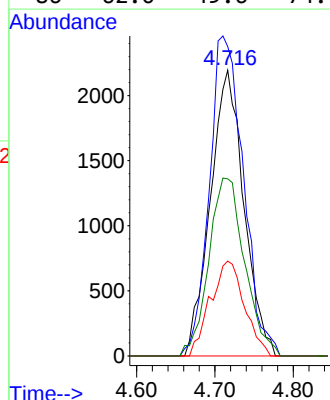
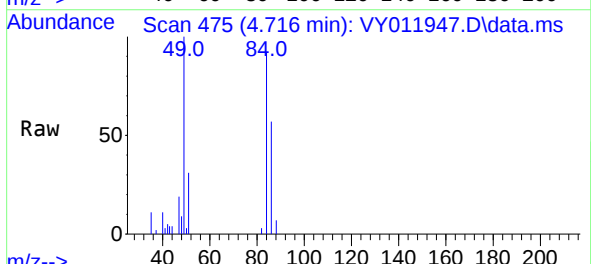
Instrument :
MSVOA_Y
ClientSampleId :
20221254-LOCATION-2

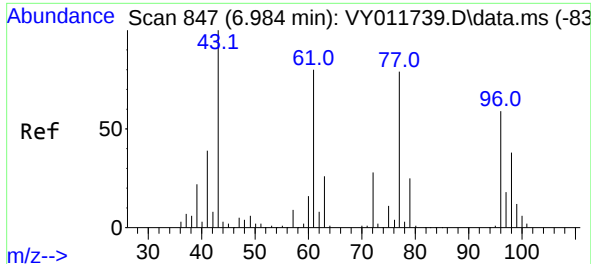
Tgt Ion: 76 Resp: 28610
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011947.D
Acq: 21 Dec 2022 15:23

Tgt Ion: 84 Resp: 6541
Ion Ratio Lower Upper
84 100
49 108.3 95.4 143.2
51 33.2 29.9 44.9
86 62.0 49.6 74.4





#25

2-Butanone

Concen: 16.495 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY011947.D

Acq: 21 Dec 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

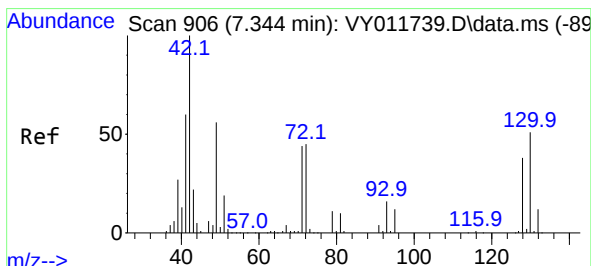
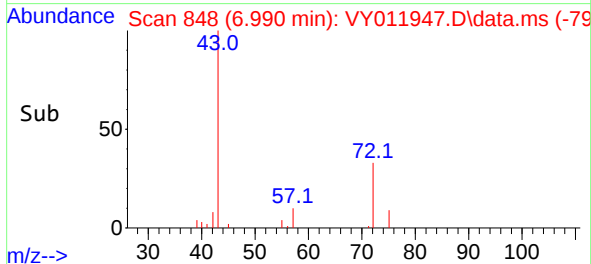
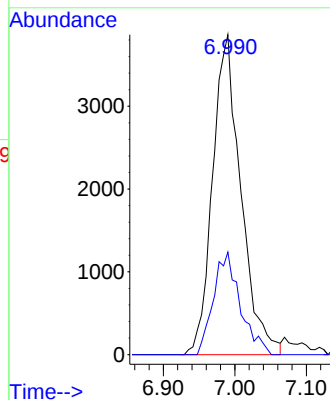
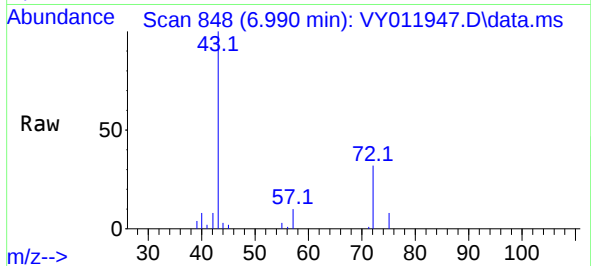
20221254-LOCATION-2

Tgt Ion: 43 Resp: 10622

Ion Ratio Lower Upper

43 100

72 32.0 22.6 34.0



#29

Tetrahydrofuran

Concen: 1.052 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY011947.D

Acq: 21 Dec 2022 15:23

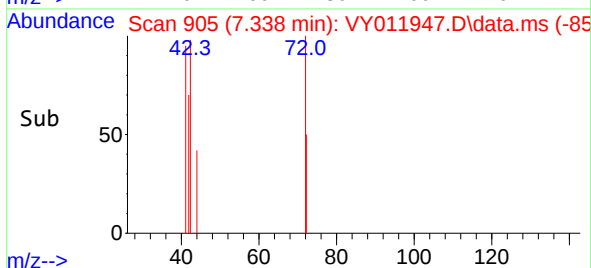
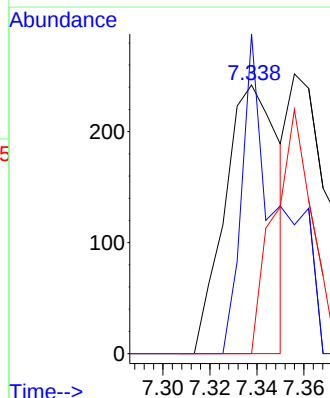
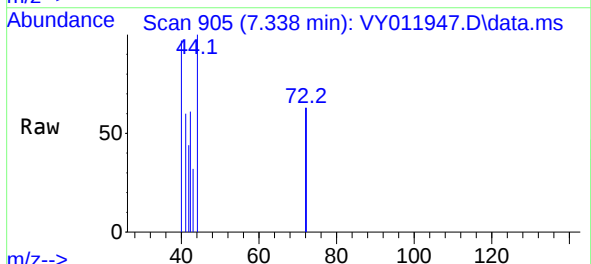
Tgt Ion: 42 Resp: 384

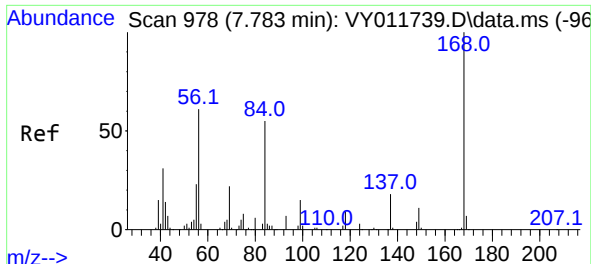
Ion Ratio Lower Upper

42 100

72 83.1 37.0 55.6#

71 64.1 34.9 52.3#

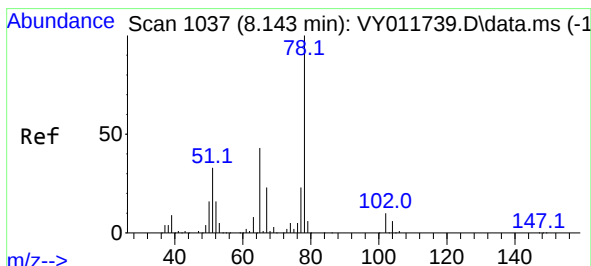
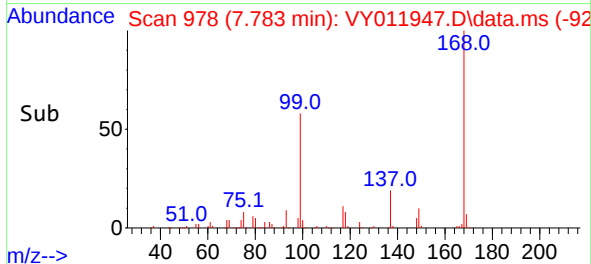
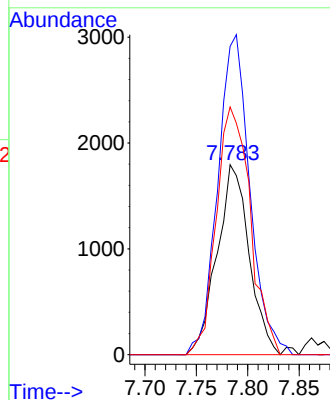
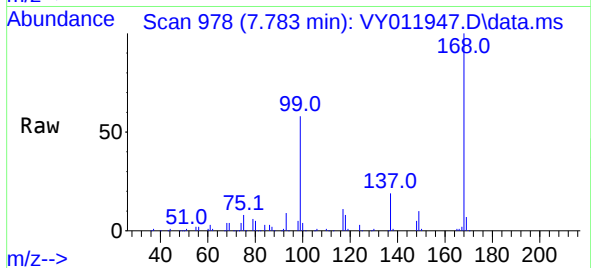




#31
Cyclohexane
Concen: 1.196 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011947.D
Acq: 21 Dec 2022 15:23

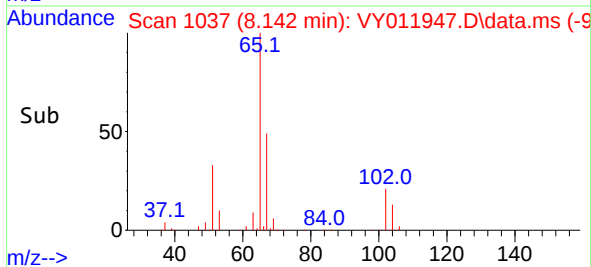
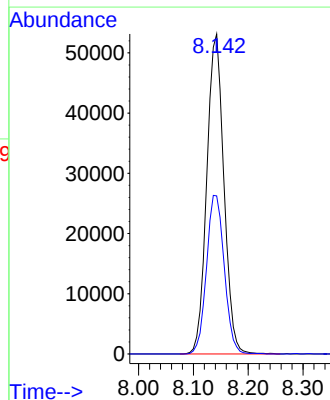
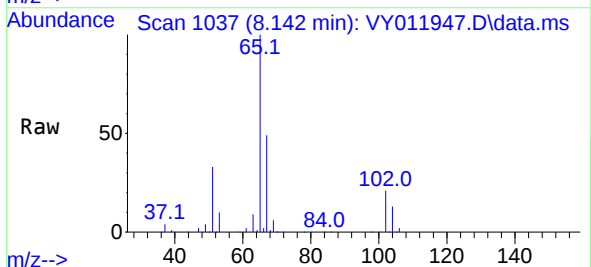
Instrument :
MSVOA_Y
ClientSampleId :
20221254-LOCATION-2

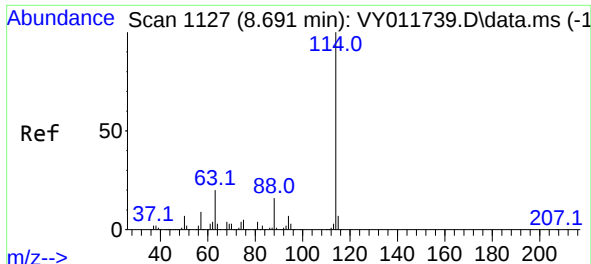
Tgt Ion: 56 Resp: 3893
Ion Ratio Lower Upper
56 100
69 162.4 29.2 43.8#
84 130.5 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 59.382 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011947.D
Acq: 21 Dec 2022 15:23

Tgt Ion: 65 Resp: 114796
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011947.D

Acq: 21 Dec 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

20221254-LOCATION-2

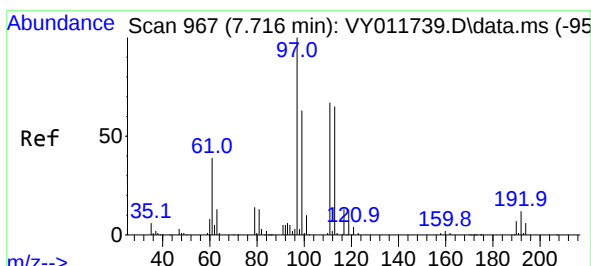
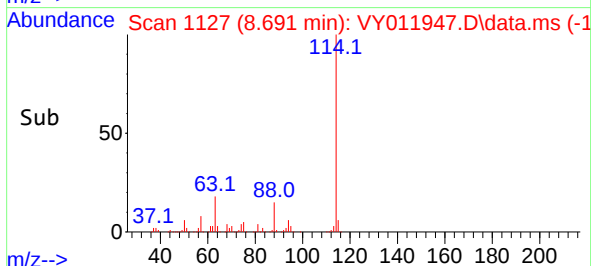
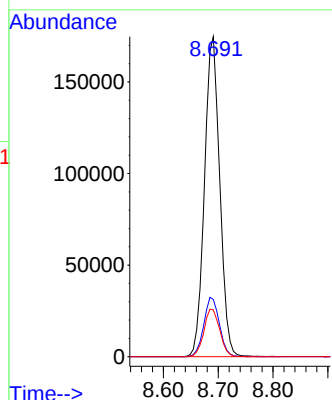
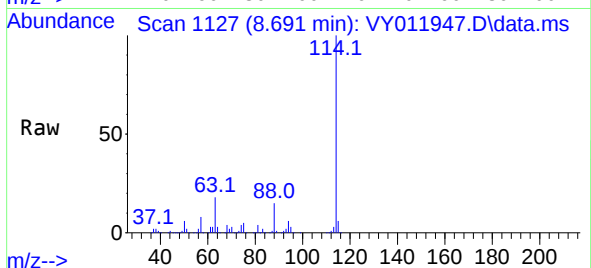
Tgt Ion:114 Resp: 337004

Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.6

88 14.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 50.857 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011947.D

Acq: 21 Dec 2022 15:23

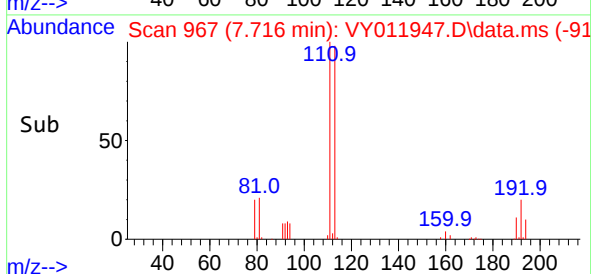
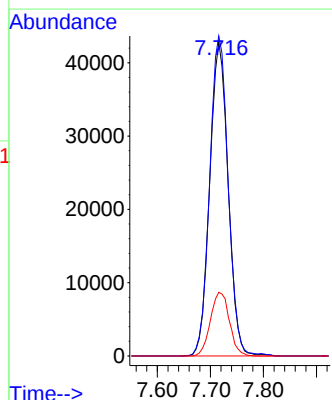
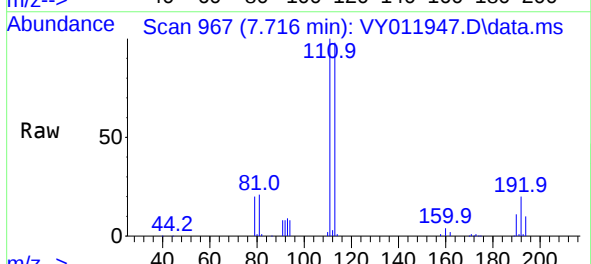
Tgt Ion:113 Resp: 103181

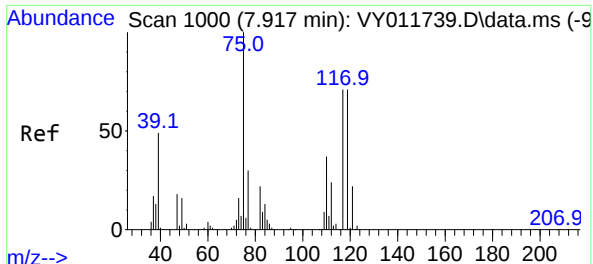
Ion Ratio Lower Upper

113 100

111 102.4 83.0 124.4

192 20.9 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.381 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011947.D

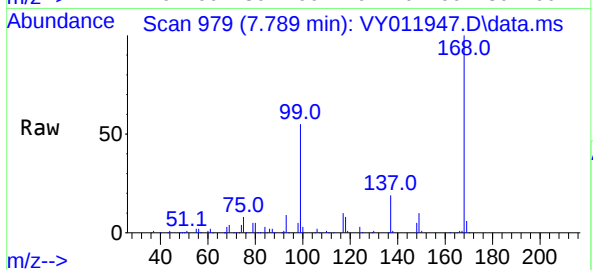
Acq: 21 Dec 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

20221254-LOCATION-2



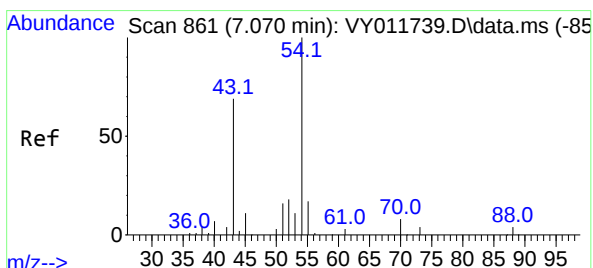
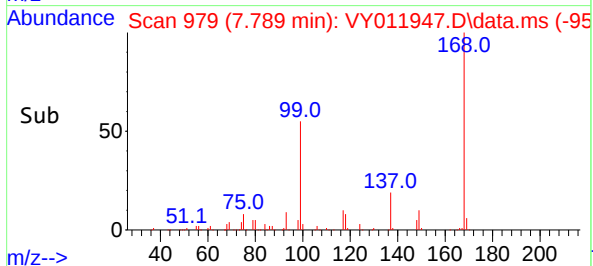
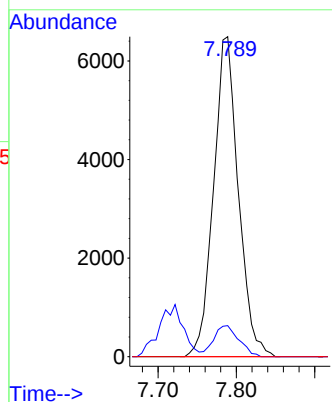
Tgt Ion: 75 Resp: 14258

Ion Ratio Lower Upper

75 100

110 10.0 18.1 54.1#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 7.275 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.080 min

Lab File: VY011947.D

Acq: 21 Dec 2022 15:23

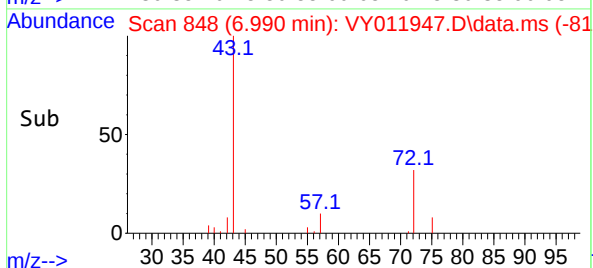
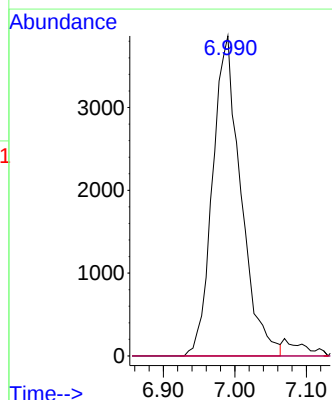
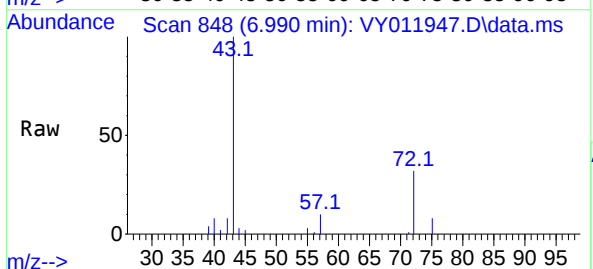
Tgt Ion: 43 Resp: 10622

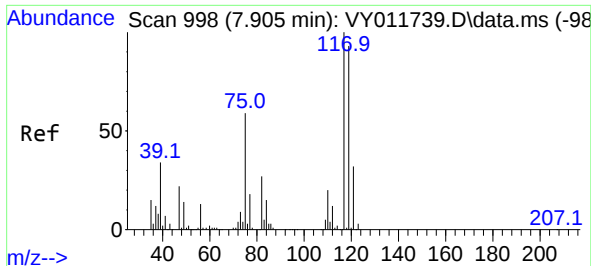
Ion Ratio Lower Upper

43 100

61 0.0 11.3 16.9#

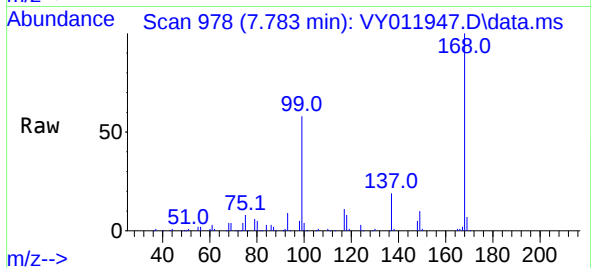
70 0.0 8.2 12.4#



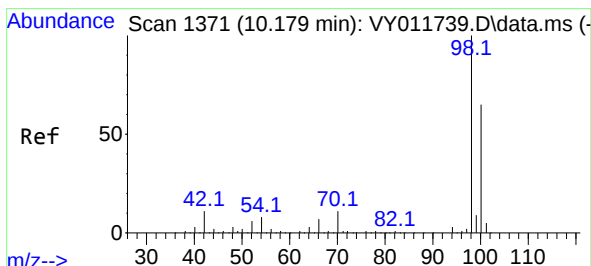
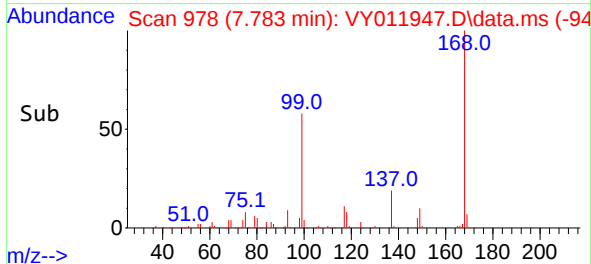
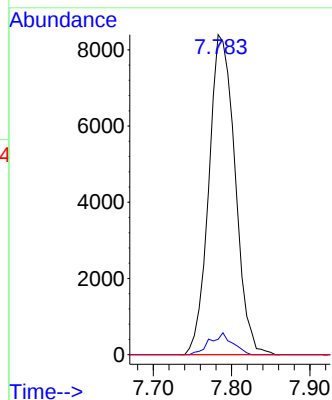


#38
Carbon Tetrachloride
Concen: 5.200 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY011947.D
Acq: 21 Dec 2022 15:23

Instrument :
MSVOA_Y
ClientSampleId :
20221254-LOCATION-2

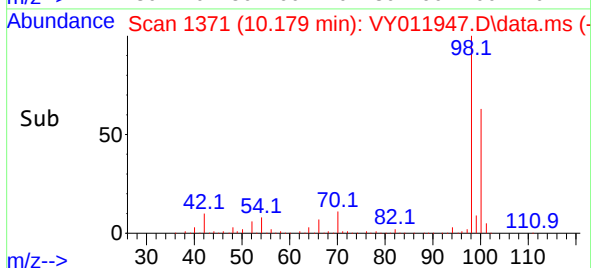
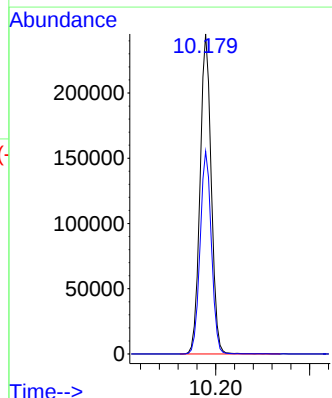
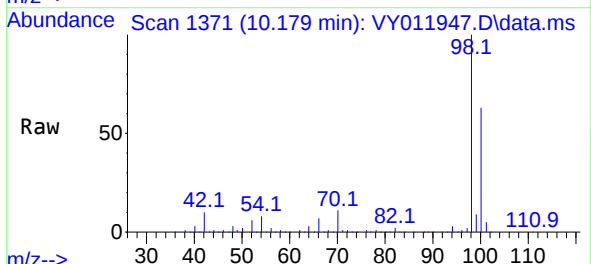


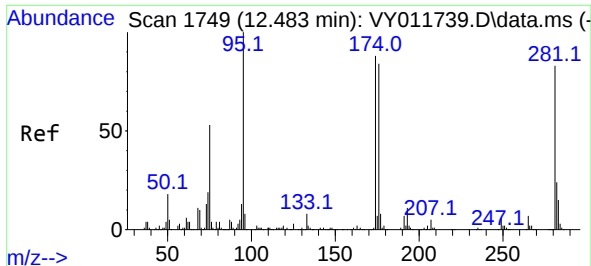
Tgt Ion:117 Resp: 19546
Ion Ratio Lower Upper
117 100
119 4.8 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 49.354 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011947.D
Acq: 21 Dec 2022 15:23

Tgt Ion: 98 Resp: 406263
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9

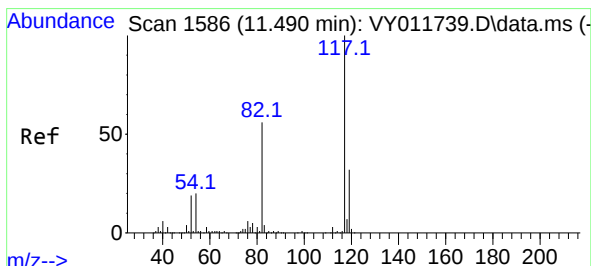
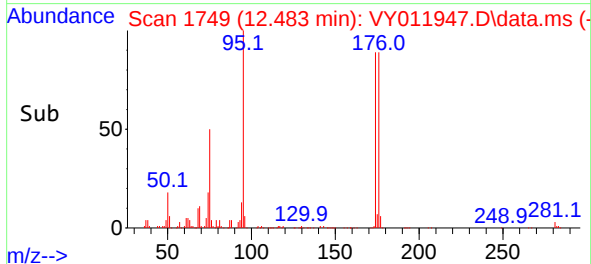
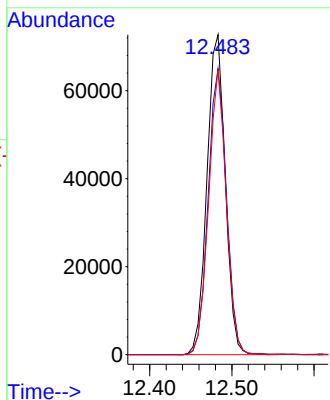
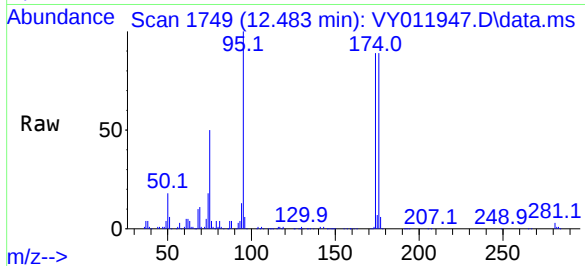




#62
4-Bromofluorobenzene
Concen: 40.644 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011947.D
Acq: 21 Dec 2022 15:23

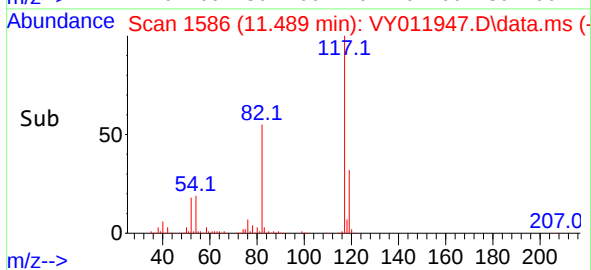
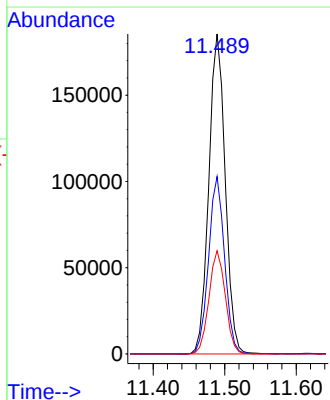
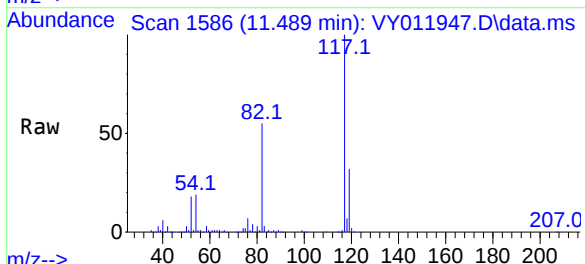
Instrument :
MSVOA_Y
ClientSampleId :
20221254-LOCATION-2

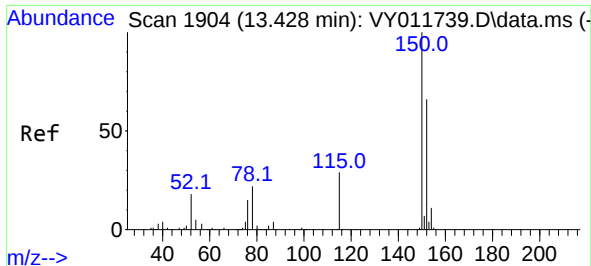
Tgt Ion: 95 Resp: 112520
Ion Ratio Lower Upper
95 100
174 89.5 0.0 172.0
176 86.0 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011947.D
Acq: 21 Dec 2022 15:23

Tgt Ion: 117 Resp: 295333
Ion Ratio Lower Upper
117 100
82 55.4 44.8 67.2
119 32.3 25.4 38.2

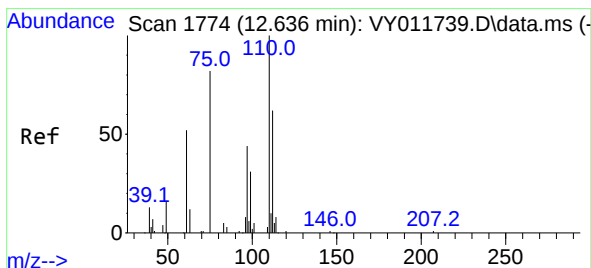
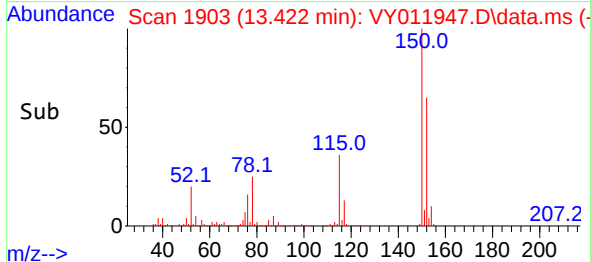
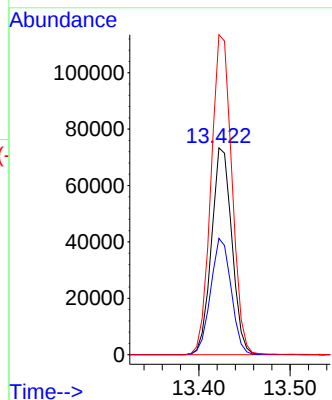
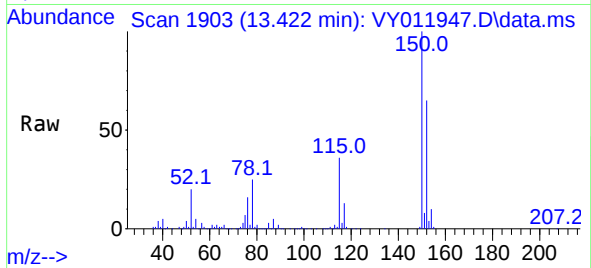




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY011947.D
Acq: 21 Dec 2022 15:23

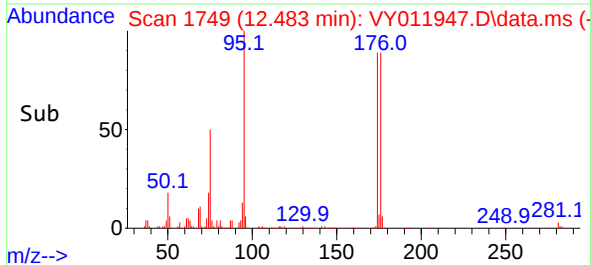
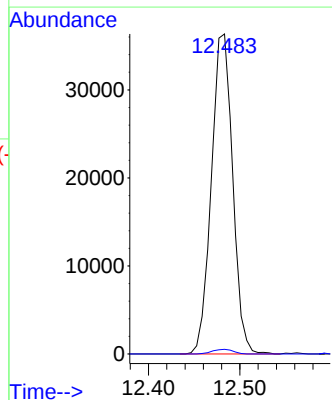
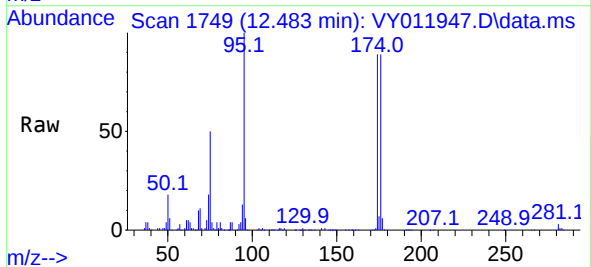
Instrument :
MSVOA_Y
ClientSampleId :
20221254-LOCATION-2

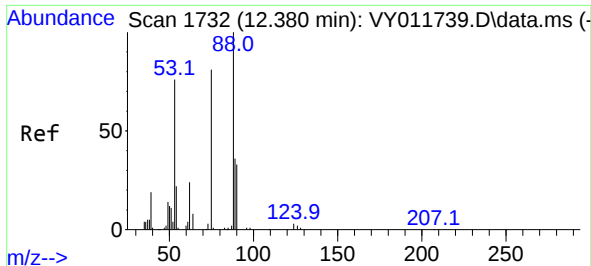
Tgt Ion:152 Resp: 113846
Ion Ratio Lower Upper
152 100
115 56.6 29.1 87.3
150 157.8 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 41.518 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011947.D
Acq: 21 Dec 2022 15:23

Tgt Ion: 75 Resp: 58816
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

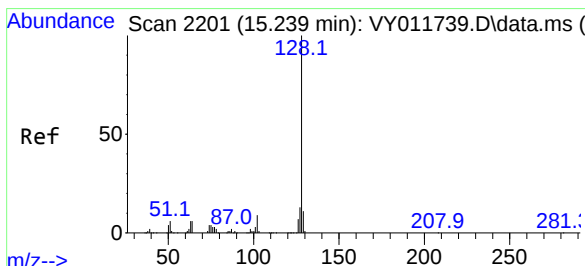
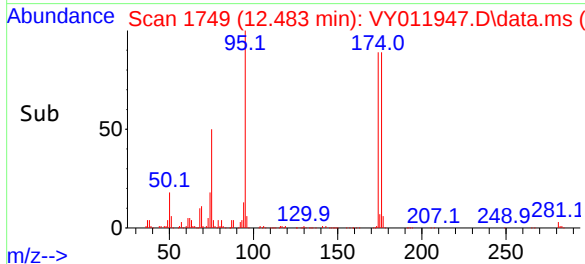
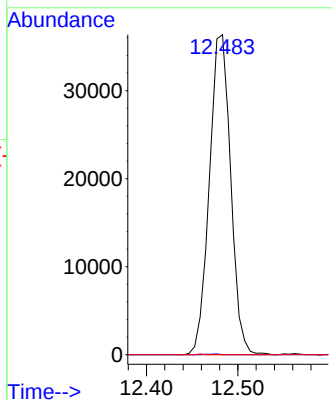
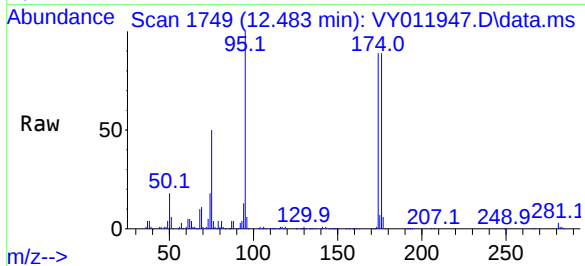




#81
trans-1,4-Dichloro-2-butene
Concen: 113.698 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011947.D
Acq: 21 Dec 2022 15:23

Instrument :
MSVOA_Y
ClientSampleId :
20221254-LOCATION-2

Tgt Ion: 75 Resp: 58816
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 2.894 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY011947.D
Acq: 21 Dec 2022 15:23

Tgt Ion: 128 Resp: 515
Ion Ratio Lower Upper
128 100
127 3.9 10.2 15.2#
129 0.0 8.8 13.2#

