

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011798.D
 Acq On : 13 Dec 2022 16:56
 Operator : KP/MD
 Sample : N6007-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MOO-CONCRETE-1212

Quant Time: Dec 13 22:18:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

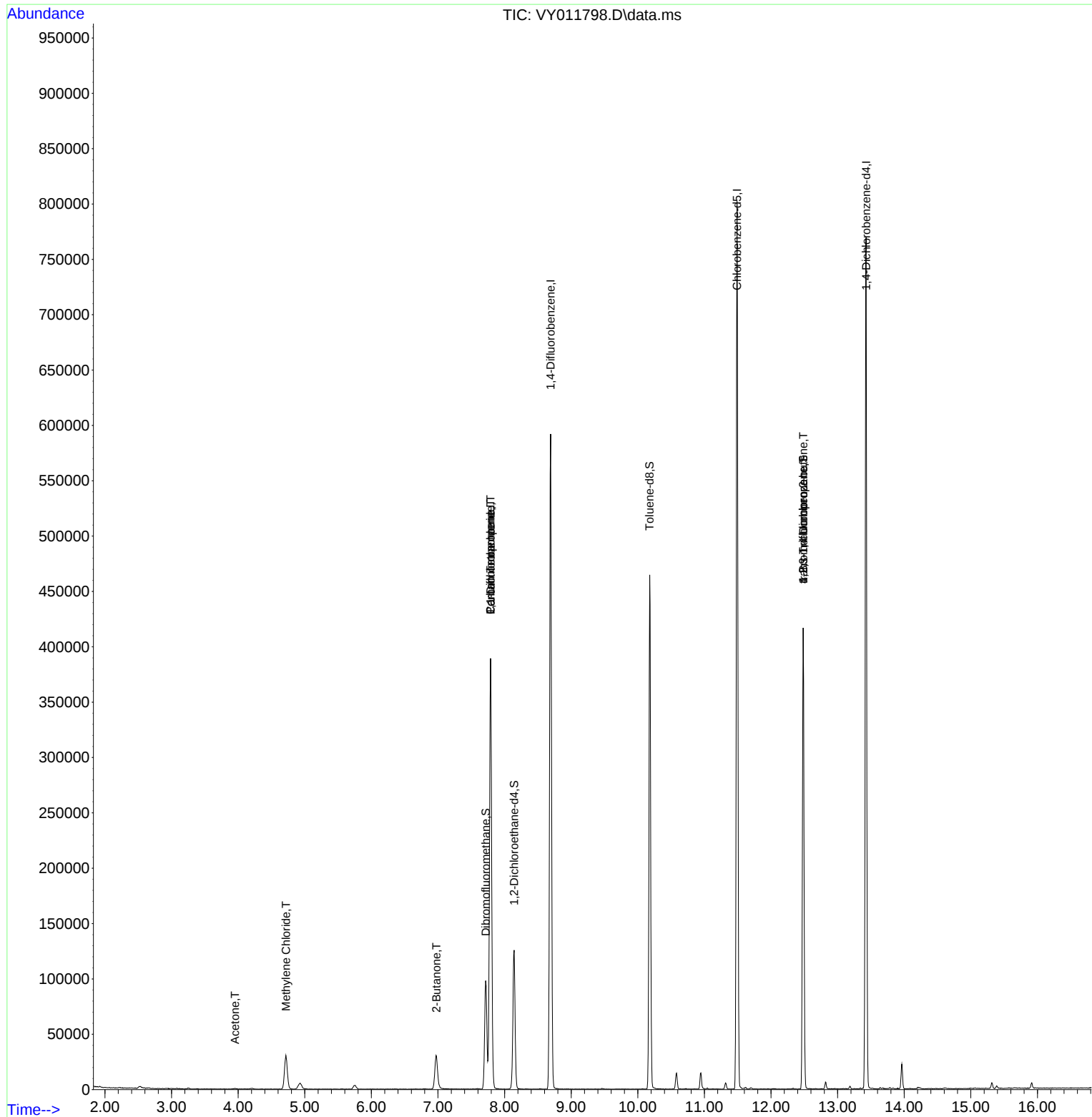
Internal Standards						
1) Pentafluorobenzene	7.789	168	300290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	502089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	439038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	200235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	97792	47.482	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.960%
35) Dibromofluoromethane	7.716	113	70237	29.924	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	59.840%
50) Toluene-d8	10.179	98	305720	40.545	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.100%
62) 4-Bromofluorobenzene	12.483	95	118731	39.861	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.720%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	134	Below Cal	#	41
3) Chloromethane	2.119	50	180	Below Cal	#	41
5) Bromomethane	2.662	94	134	Below Cal	#	1
11) Tert butyl alcohol	4.930	59	5870	Below Cal	#	74
16) Acetone	3.954	43	1038	1.266 ug/l	#	76
18) Methyl Acetate	4.479	43	240	Below Cal	#	67
20) Methylene Chloride	4.716	84	23401	2.428 ug/l		96
25) 2-Butanone	6.978	43	1711	1.622 ug/l	#	46
31) Cyclohexane	7.789	56	6031	Below Cal	#	12
36) 1,1-Dichloropropene	7.789	75	22306	5.854 ug/l	#	50
38) Carbon Tetrachloride	7.789	117	30025	6.709 ug/l	#	18
76) 1,2,3-Trichloropropane	12.483	75	61691	30.452 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	61691	69.101 ug/l	#	13

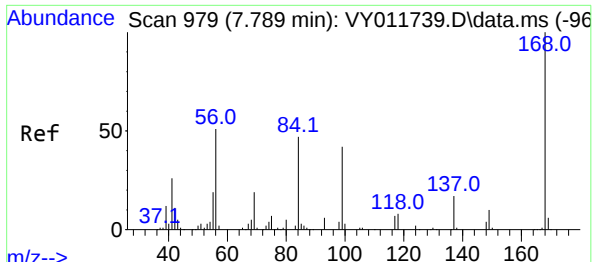
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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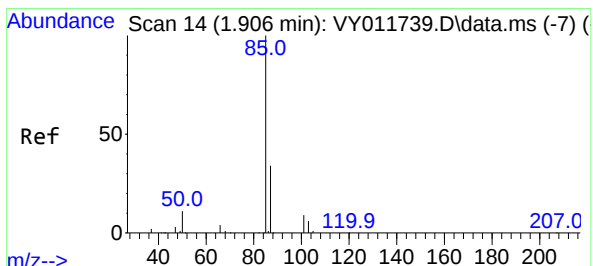
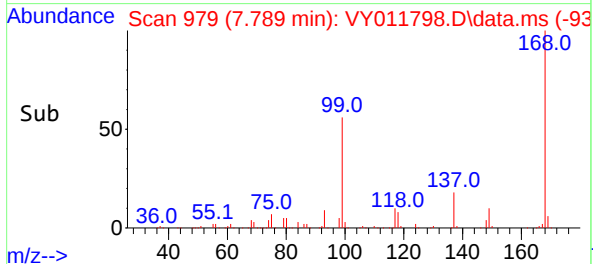
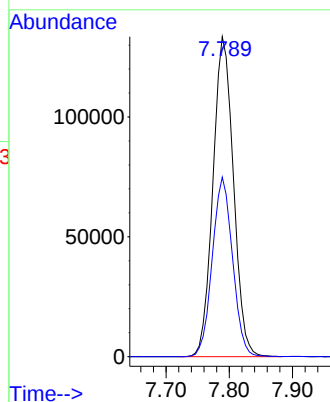
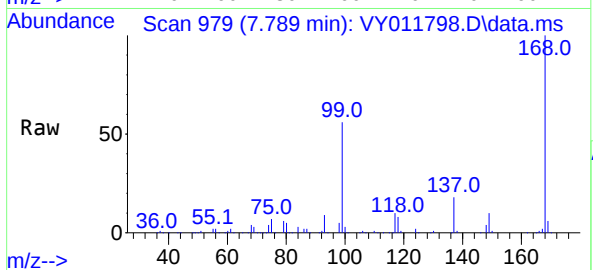




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011798.D
Acq: 13 Dec 2022 16:56

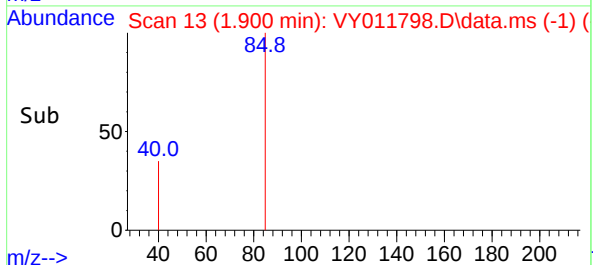
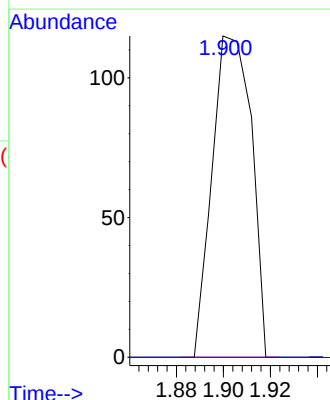
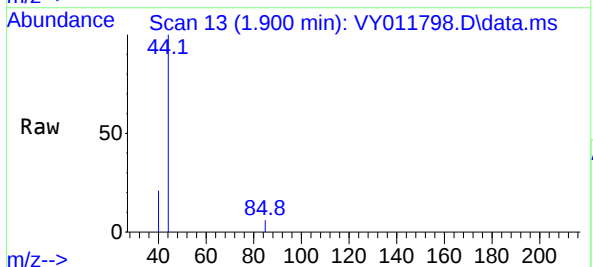
Instrument :
MSVOA_Y
ClientSampleId :
MOO-CONCRETE-1212

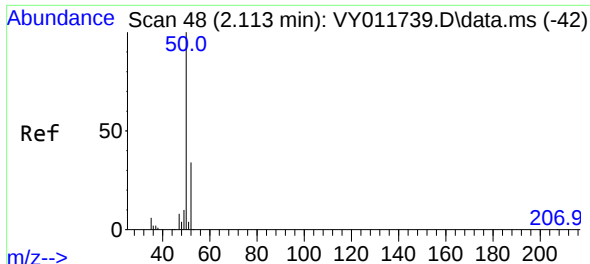
Tgt Ion:168 Resp: 300290
Ion Ratio Lower Upper
168 100
99 56.1 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY011798.D
Acq: 13 Dec 2022 16:56

Tgt Ion: 85 Resp: 134
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#

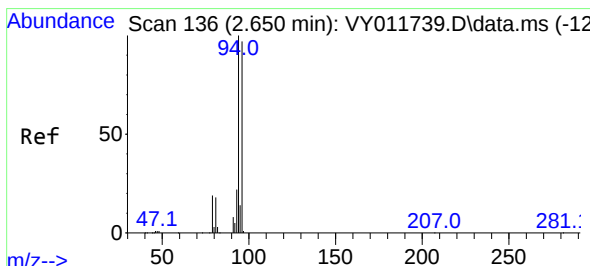
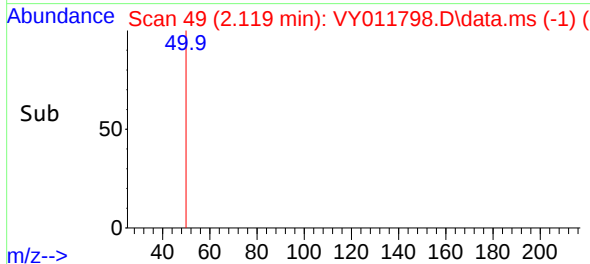
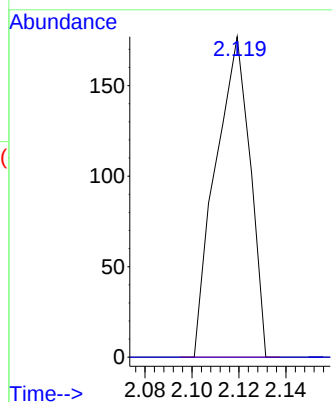
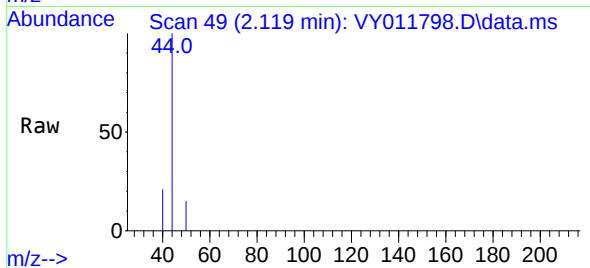




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY011798.D
Acq: 13 Dec 2022 16:56

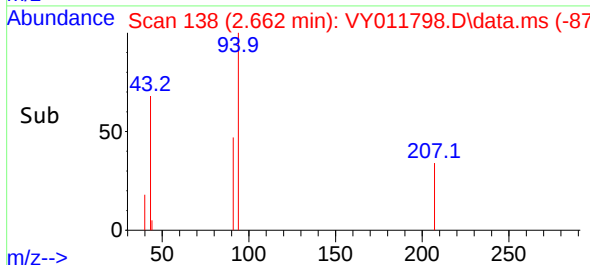
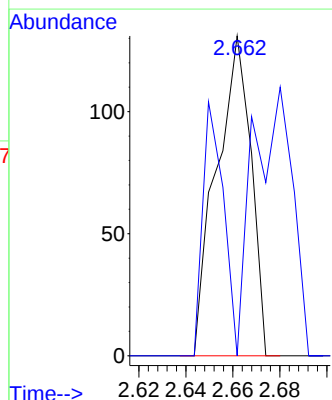
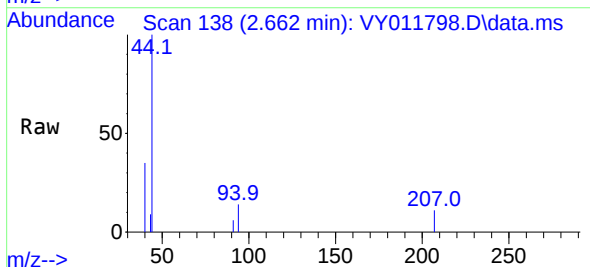
Instrument :
MSVOA_Y
ClientSampleId :
MOO-CONCRETE-1212

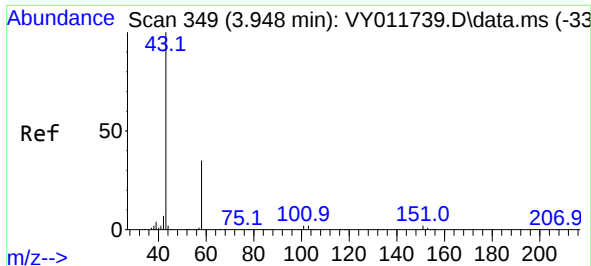
Tgt Ion: 50 Resp: 180
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY011798.D
Acq: 13 Dec 2022 16:56

Tgt Ion: 94 Resp: 134
Ion Ratio Lower Upper
94 100
96 0.0 77.4 116.2#

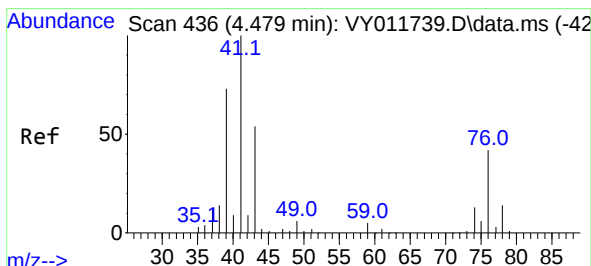
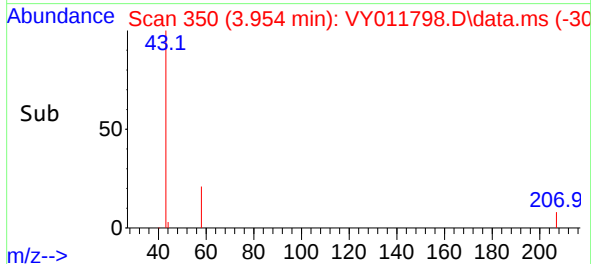
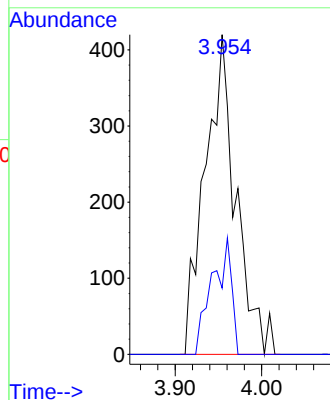
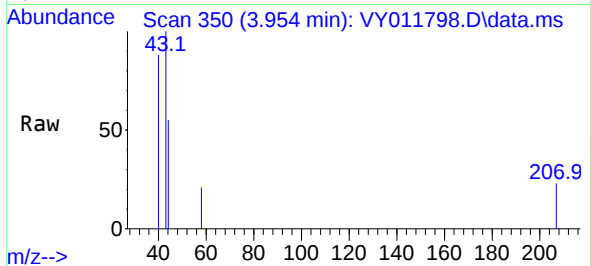




#16
Acetone
Concen: 1.266 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY011798.D
Acq: 13 Dec 2022 16:56

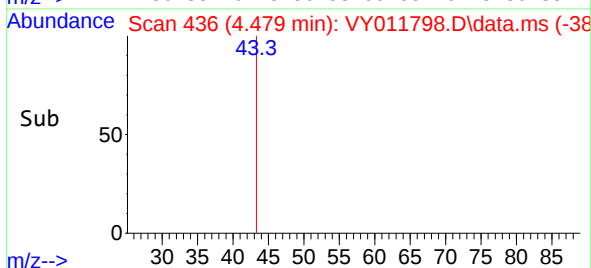
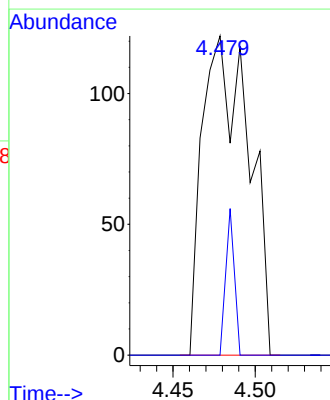
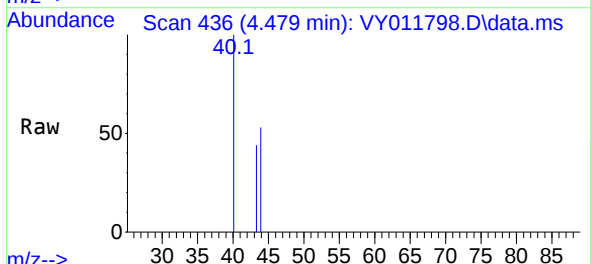
Instrument :
MSVOA_Y
ClientSampleId :
MOO-CONCRETE-1212

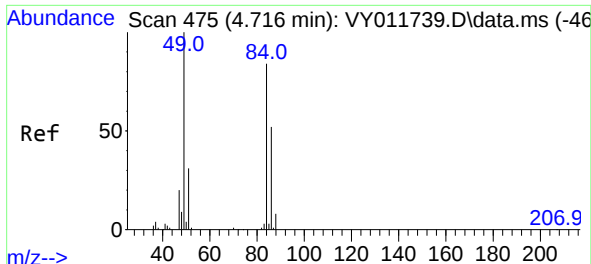
Tgt Ion: 43 Resp: 1038
Ion Ratio Lower Upper
43 100
58 20.7 27.9 41.9#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY011798.D
Acq: 13 Dec 2022 16:56

Tgt Ion: 43 Resp: 240
Ion Ratio Lower Upper
43 100
74 8.3 20.1 30.1#



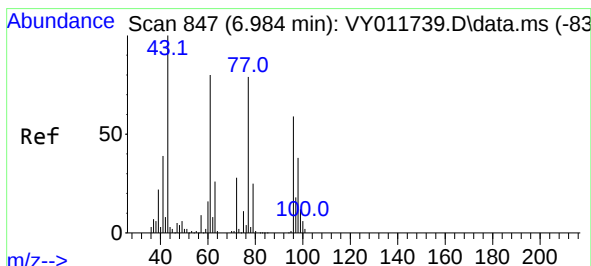
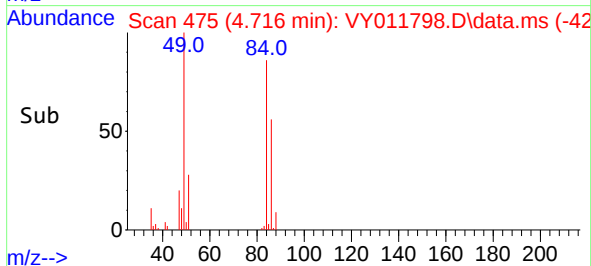
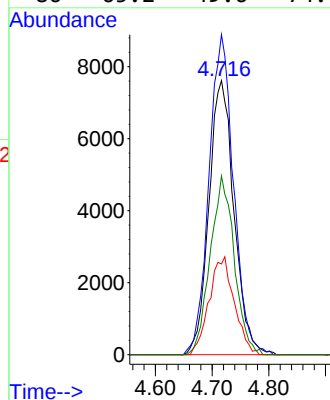
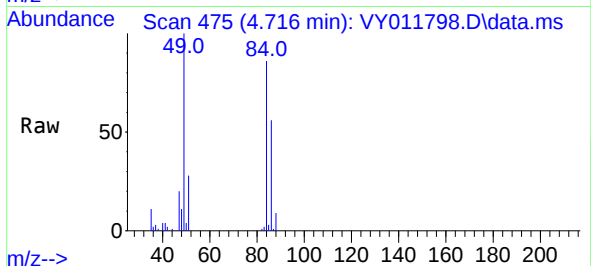


#20
Methylene Chloride
Concen: 2.428 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011798.D
Acq: 13 Dec 2022 16:56

Instrument :
MSVOA_Y
ClientSampleId :
MOO-CONCRETE-1212

Tgt Ion: 84 Resp: 23401

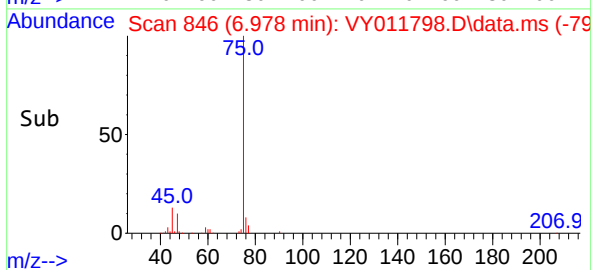
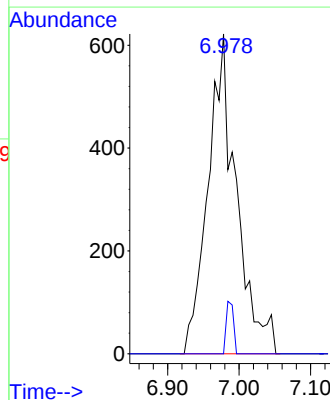
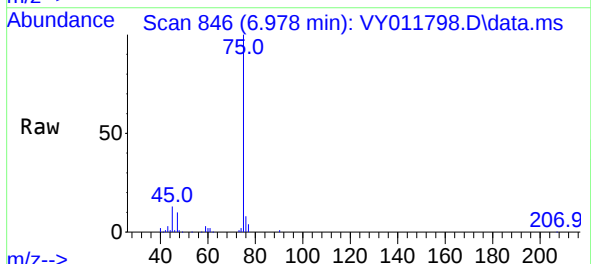
Ion	Ratio	Lower	Upper
84	100		
49	116.8	95.4	143.2
51	33.1	29.9	44.9
86	65.2	49.6	74.4

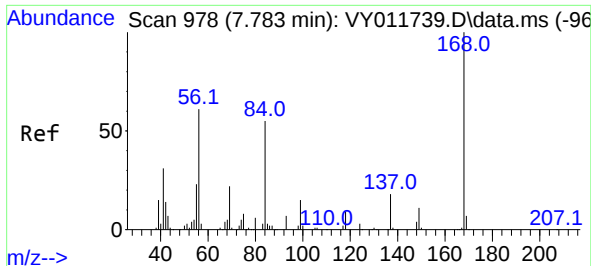


#25
2-Butanone
Concen: 1.622 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY011798.D
Acq: 13 Dec 2022 16:56

Tgt Ion: 43 Resp: 1711

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.6	34.0#

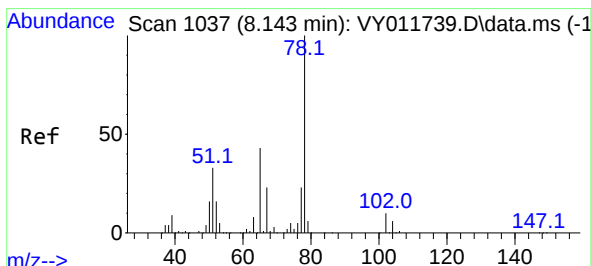
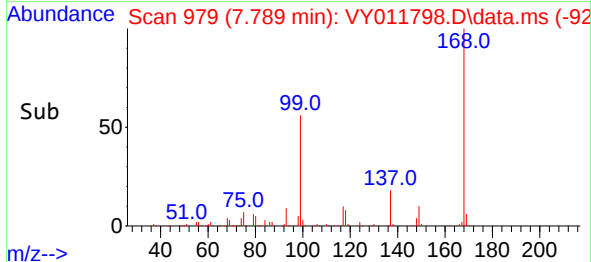
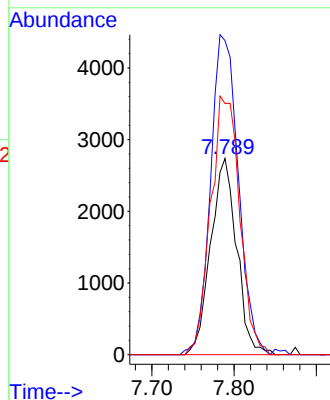
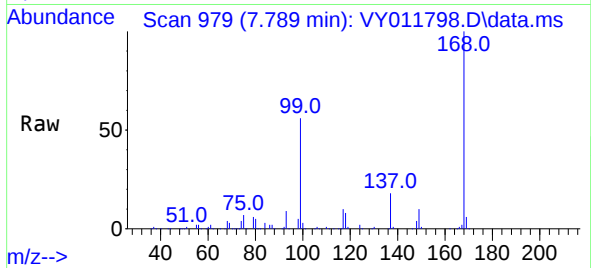




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011798.D
Acq: 13 Dec 2022 16:56

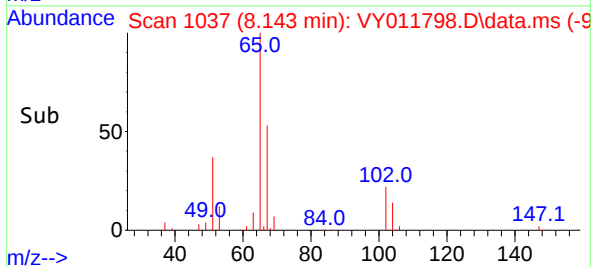
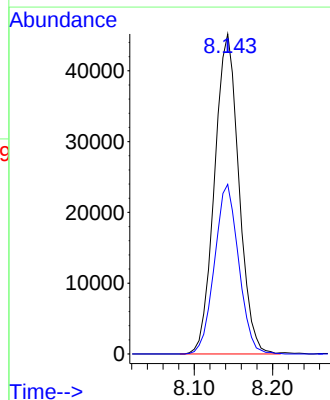
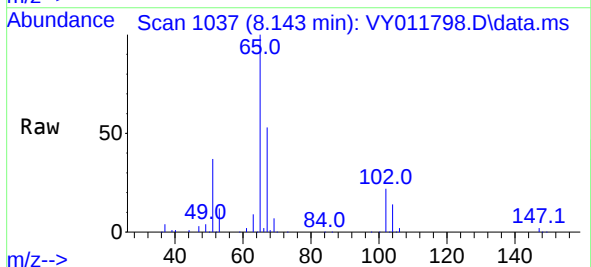
Instrument :
MSVOA_Y
ClientSampleId :
MOO-CONCRETE-1212

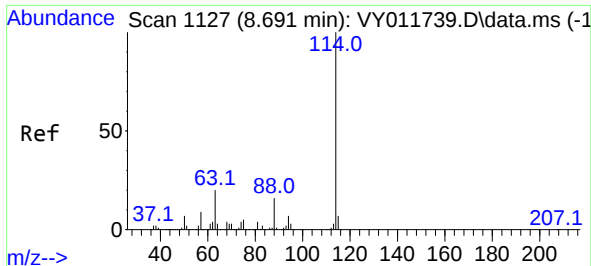
Tgt Ion: 56 Resp: 6031
Ion Ratio Lower Upper
56 100
69 160.2 29.2 43.8#
84 128.1 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 47.482 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011798.D
Acq: 13 Dec 2022 16:56

Tgt Ion: 65 Resp: 97792
Ion Ratio Lower Upper
65 100
67 52.5 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: VY011798.D

Acq: 13 Dec 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

MOO-CONCRETE-1212

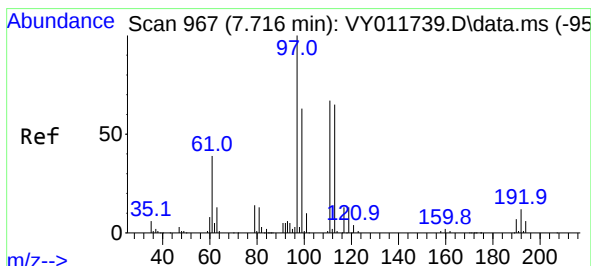
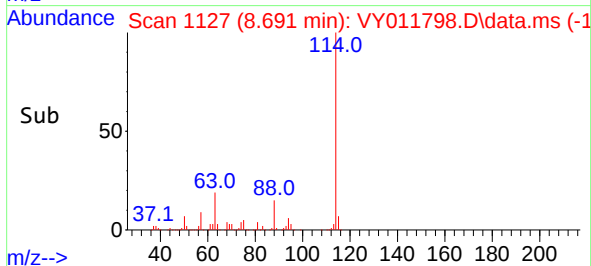
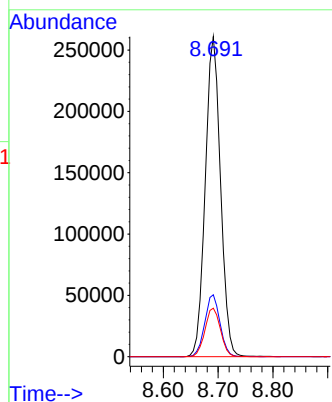
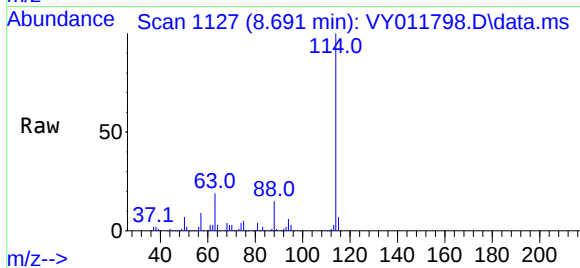
Tgt Ion:114 Resp: 502089

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 15.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 29.924 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011798.D

Acq: 13 Dec 2022 16:56

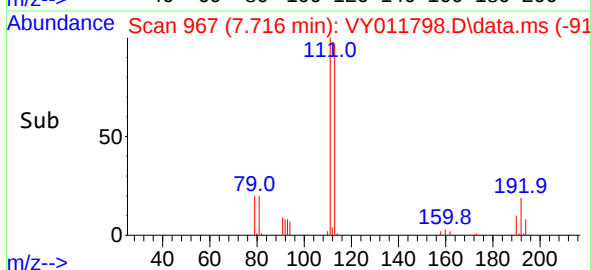
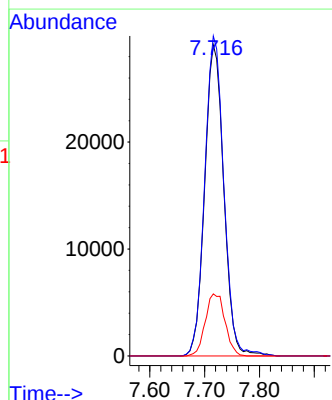
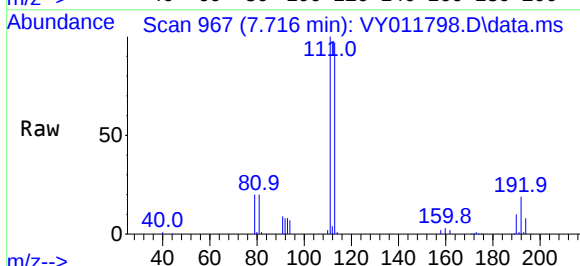
Tgt Ion:113 Resp: 70237

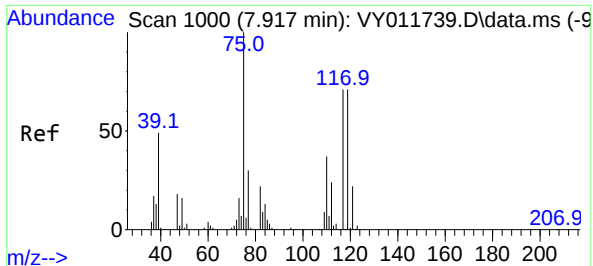
Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.4

192 20.6 16.0 24.0





#36

1,1-Dichloropropene

Concen: 5.854 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011798.D

Acq: 13 Dec 2022 16:56

Instrument :

MSVOA_Y

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MOO-CONCRETE-1212

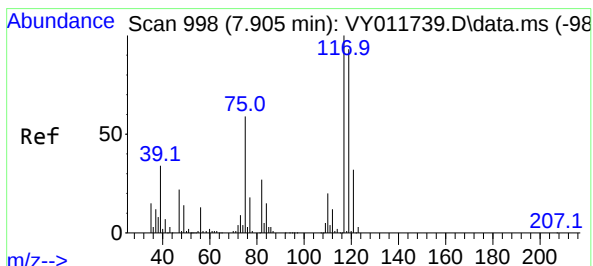
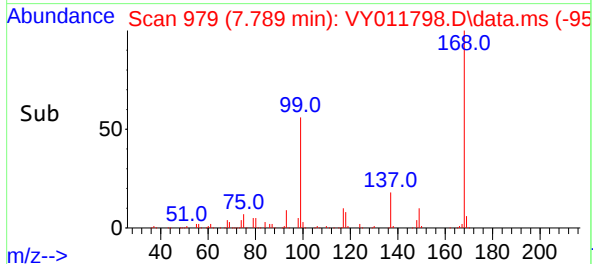
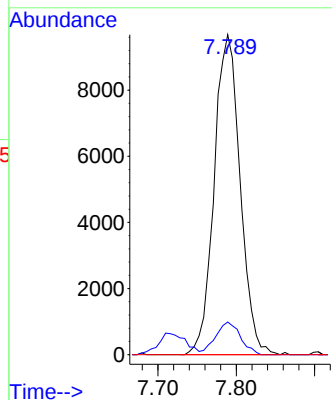
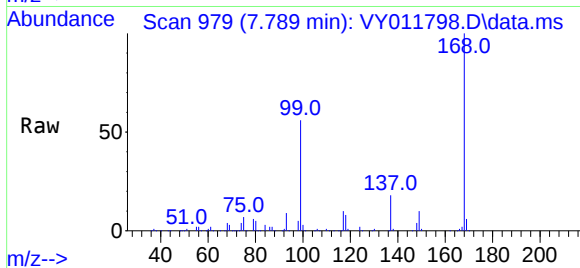
Tgt Ion: 75 Resp: 22306

Ion Ratio Lower Upper

75 100

110 9.8 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.709 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY011798.D

Acq: 13 Dec 2022 16:56

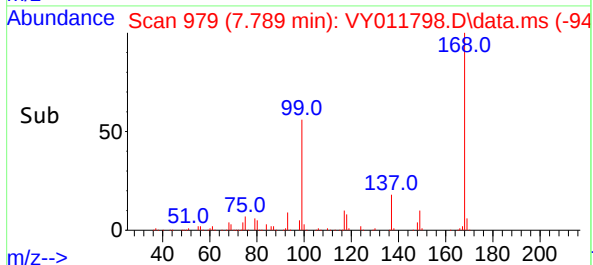
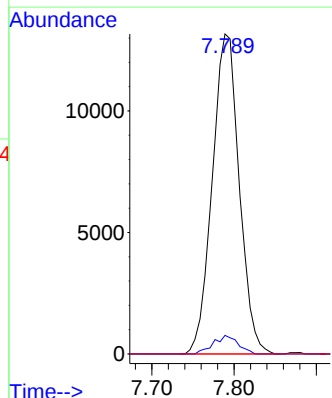
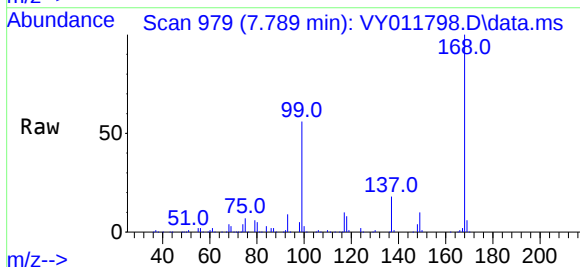
Tgt Ion: 117 Resp: 30025

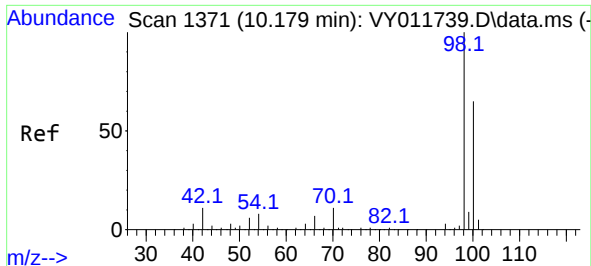
Ion Ratio Lower Upper

117 100

119 5.8 73.8 110.8#

121 0.0 25.2 37.8#

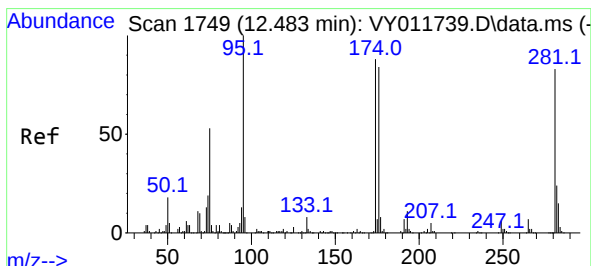
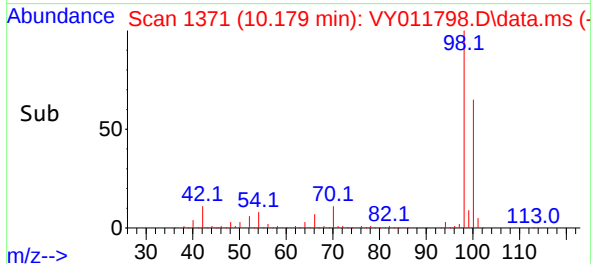
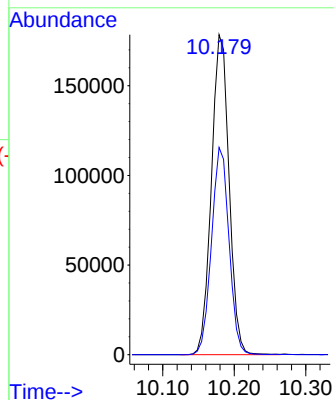
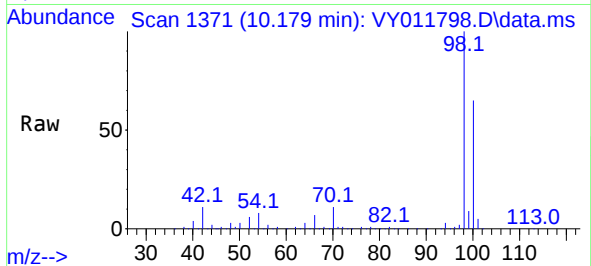




#50
Toluene-d8
Concen: 40.545 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011798.D
Acq: 13 Dec 2022 16:56

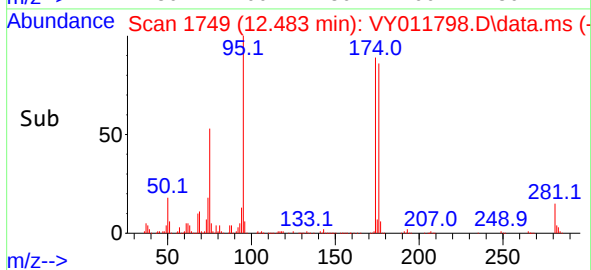
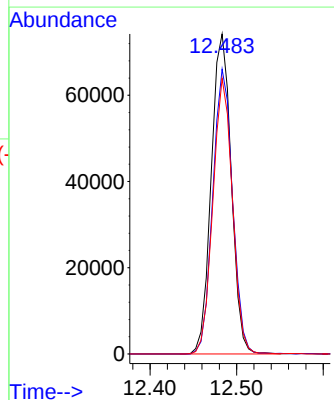
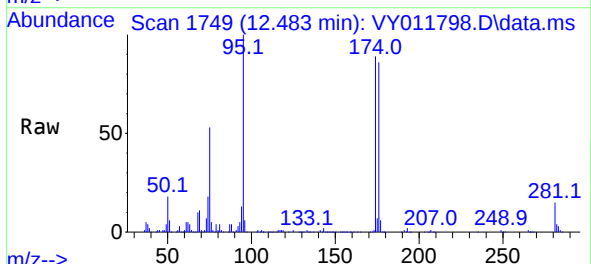
Instrument :
MSVOA_Y
ClientSampleId :
MOO-CONCRETE-1212

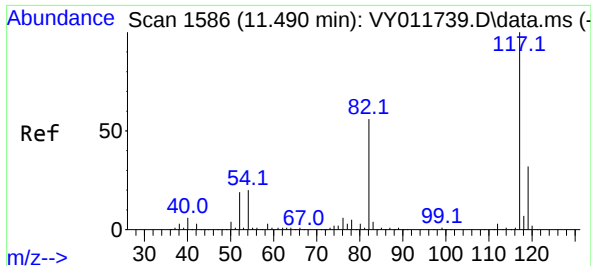
Tgt Ion: 98 Resp: 305720
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 39.861 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011798.D
Acq: 13 Dec 2022 16:56

Tgt Ion: 95 Resp: 118731
Ion Ratio Lower Upper
95 100
174 88.2 0.0 172.0
176 84.4 0.0 167.6

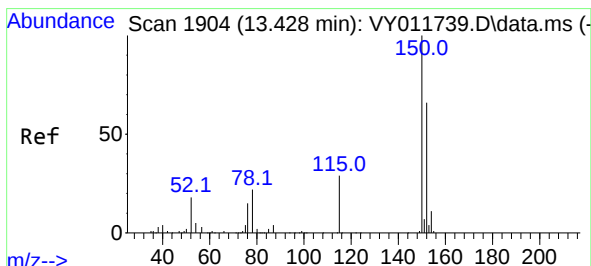
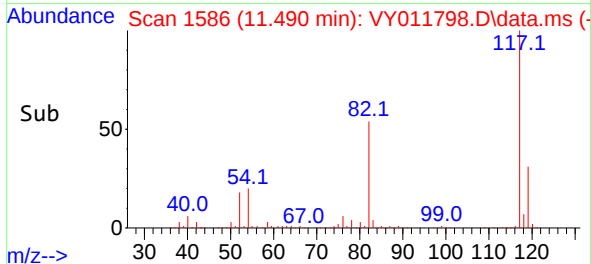
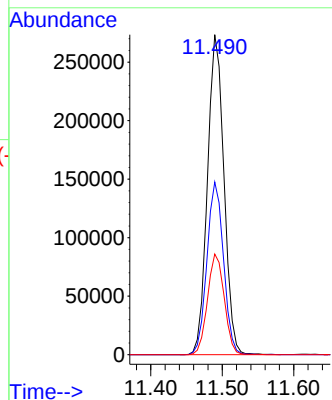
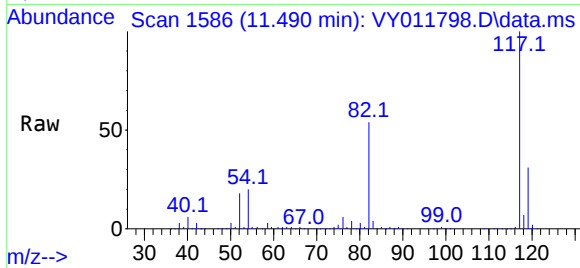




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011798.D
Acq: 13 Dec 2022 16:56

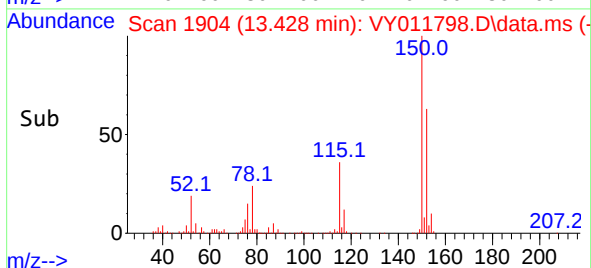
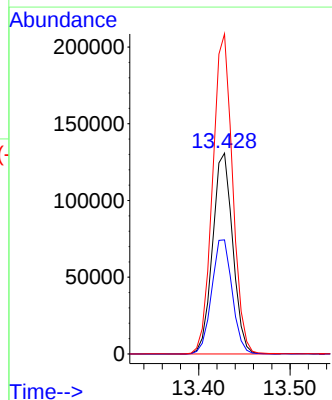
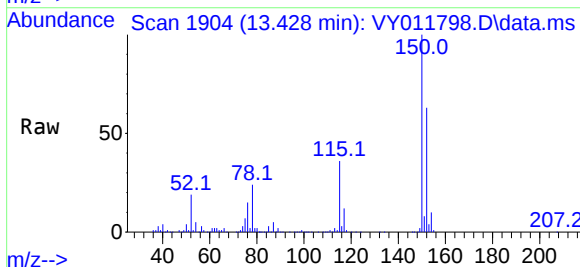
Instrument :
MSVOA_Y
ClientSampleId :
MOO-CONCRETE-1212

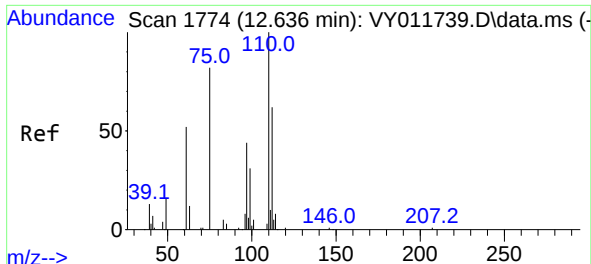
Tgt Ion:117 Resp: 439038
Ion Ratio Lower Upper
117 100
82 54.0 44.8 67.2
119 31.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011798.D
Acq: 13 Dec 2022 16:56

Tgt Ion:152 Resp: 200235
Ion Ratio Lower Upper
152 100
115 57.8 29.1 87.3
150 157.8 0.0 342.6

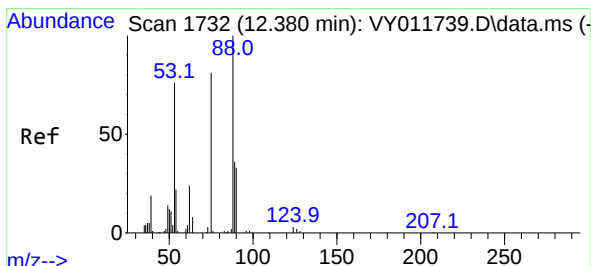
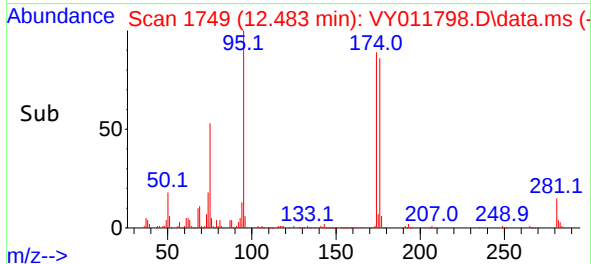
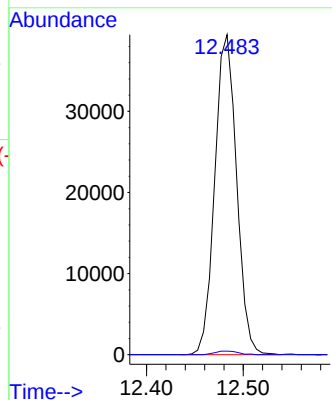
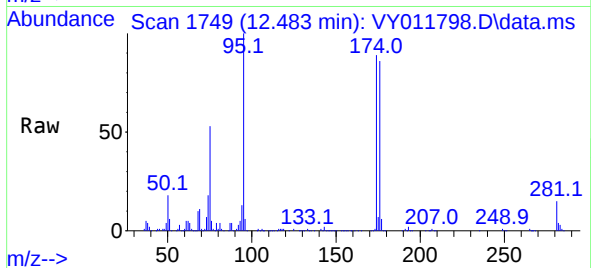




#76
1,2,3-Trichloropropane
Concen: 30.452 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY011798.D
Acq: 13 Dec 2022 16:56

Instrument :
MSVOA_Y
ClientSampleId :
MOO-CONCRETE-1212

Tgt Ion: 75 Resp: 61691
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.101 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY011798.D
Acq: 13 Dec 2022 16:56

Tgt Ion: 75 Resp: 61691
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.3 37.0 55.4#

