

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
 Data File : VY013499.D
 Acq On : 27 Apr 2023 18:03
 Operator : KP/MD
 Sample : 02470-09
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09-8.5-9.0

Quant Time: Apr 28 01:33:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

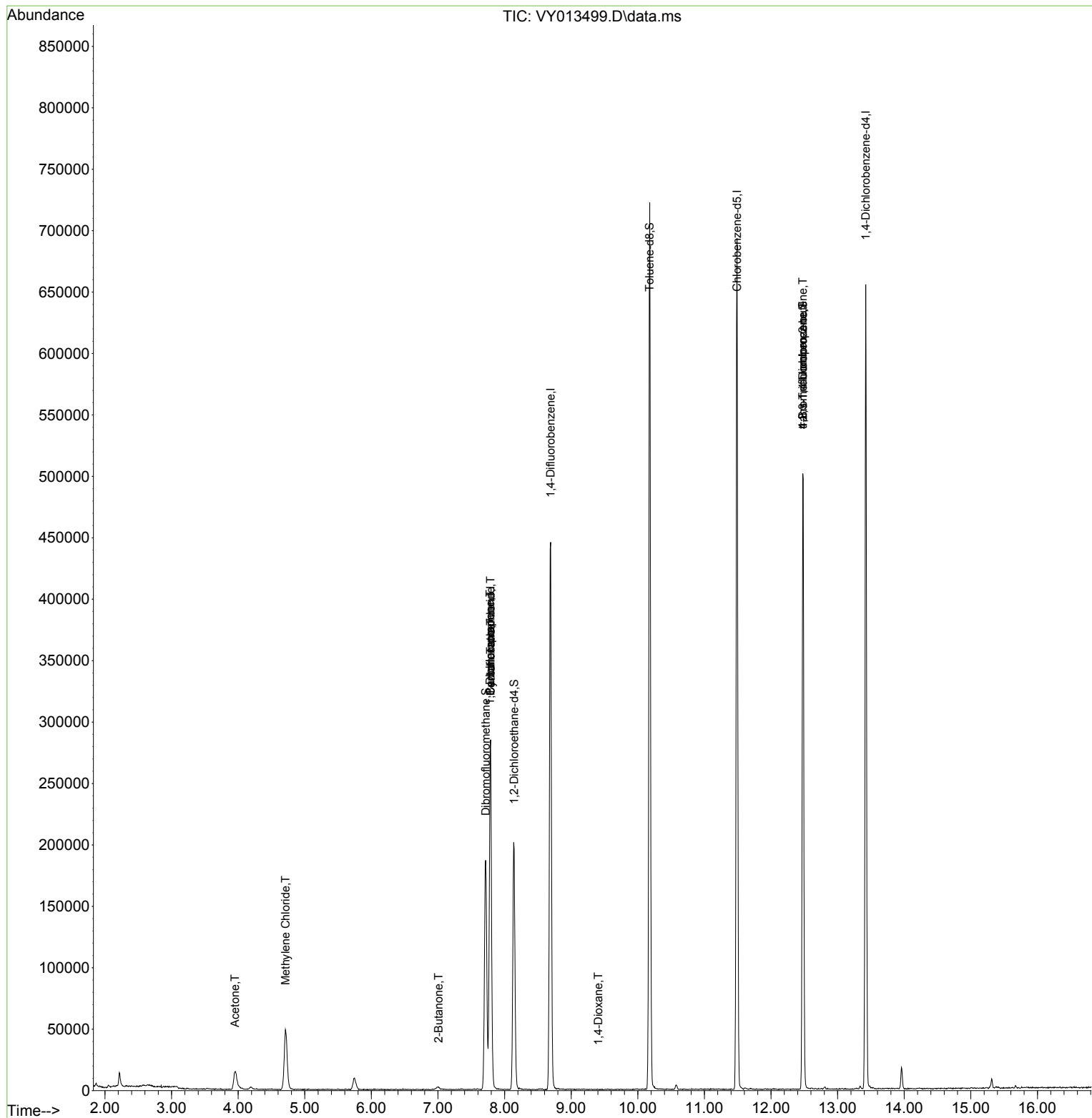
Internal Standards						
1) Pentafluorobenzene	7.789	168	218185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	375481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	362845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	160484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	160542	67.122	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 134.240%			
35) Dibromofluoromethane	7.716	113	135060	57.190	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.380%			
50) Toluene-d8	10.179	98	458273	54.549	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.100%			
62) 4-Bromofluorobenzene	12.477	95	149445	52.765	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.540%			
Target Compounds						
13) Acrolein	3.649	56	19	Below Cal	#	16
16) Acetone	3.954	43	32612	34.623	ug/l	92
20) Methylene Chloride	4.710	84	35225	4.591	ug/l #	85
25) 2-Butanone	7.009	43	3261	2.730	ug/l #	85
31) Cyclohexane	7.789	56	5234	1.222	ug/l #	38
36) 1,1-Dichloropropene	7.783	75	16691	4.259	ug/l #	48
38) Carbon Tetrachloride	7.789	117	21767	5.299	ug/l #	15
49) 1,4-Dioxane	9.404	88	25	1.013	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	78712	36.368	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	78712	74.393	ug/l #	13

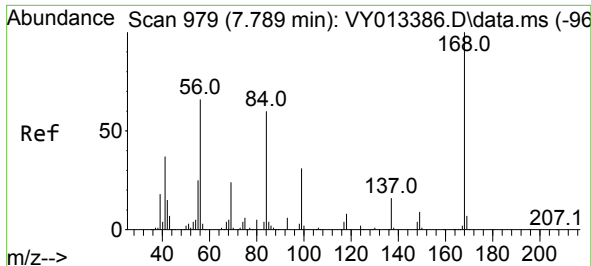
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
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Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

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SB-09-8.5-9.0

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

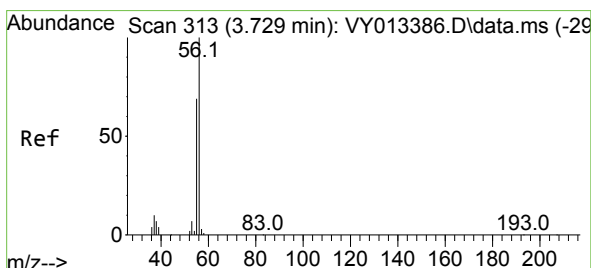
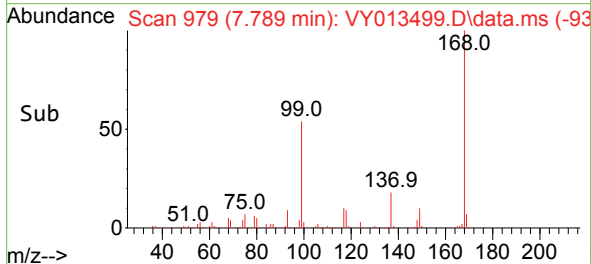
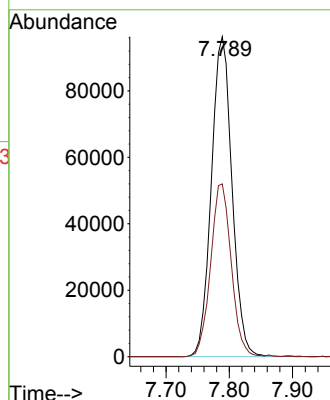
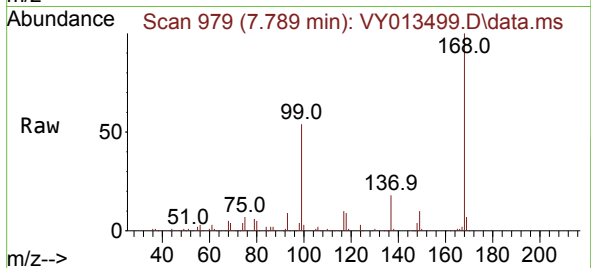




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013499.D
Acq: 27 Apr 2023 18:03

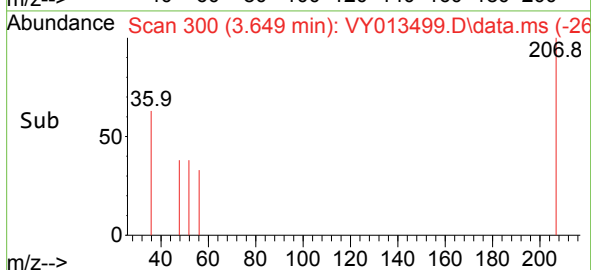
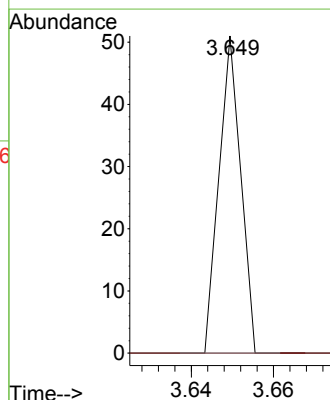
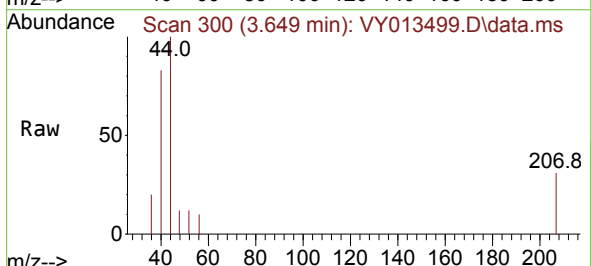
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-8.5-9.0

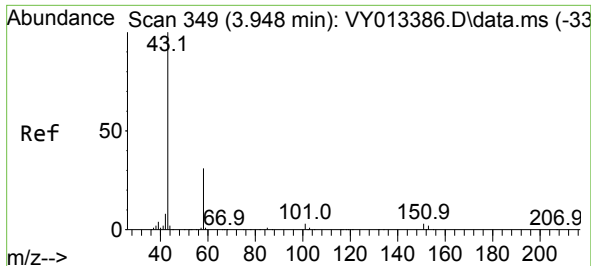
Tgt Ion:168 Resp: 218185
Ion Ratio Lower Upper
168 100
99 54.0 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.649 min Scan# 300
Delta R.T. -0.080 min
Lab File: VY013499.D
Acq: 27 Apr 2023 18:03

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#

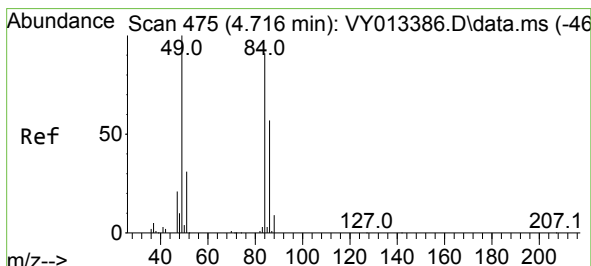
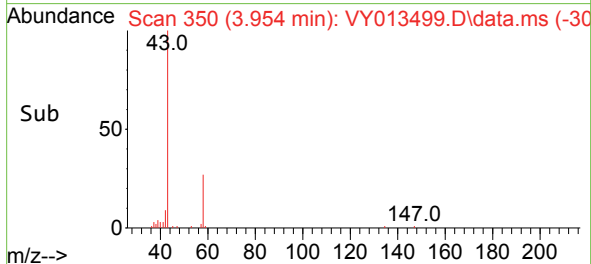
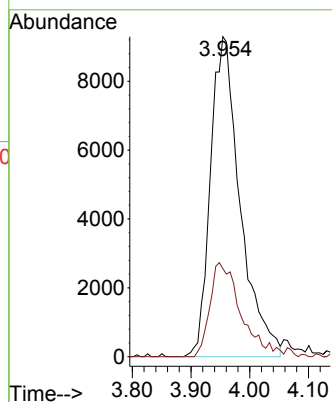
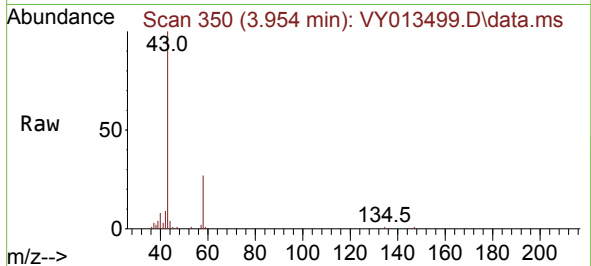




#16
Acetone
Concen: 34.623 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY013499.D
Acq: 27 Apr 2023 18:03

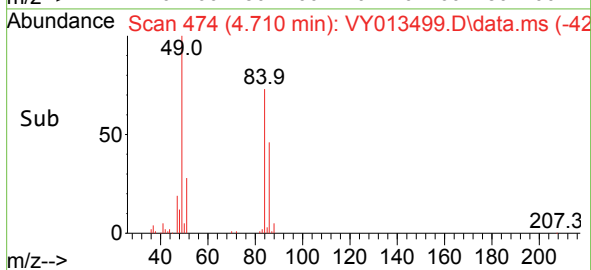
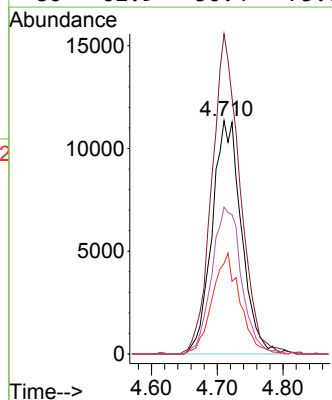
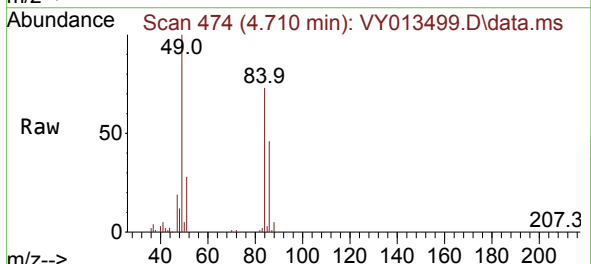
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-8.5-9.0

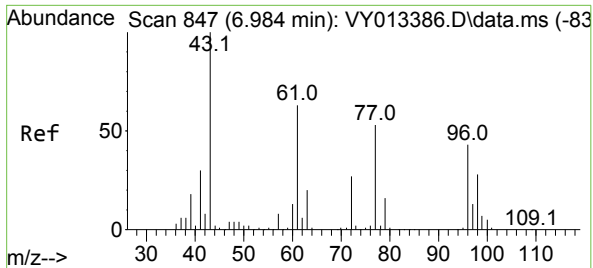
Tgt Ion: 43 Resp: 32612
Ion Ratio Lower Upper
43 100
58 27.5 25.4 38.0



#20
Methylene Chloride
Concen: 4.591 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013499.D
Acq: 27 Apr 2023 18:03

Tgt Ion: 84 Resp: 35225
Ion Ratio Lower Upper
84 100
49 137.1 88.0 132.0#
51 38.8 27.4 41.0
86 62.9 50.4 75.6

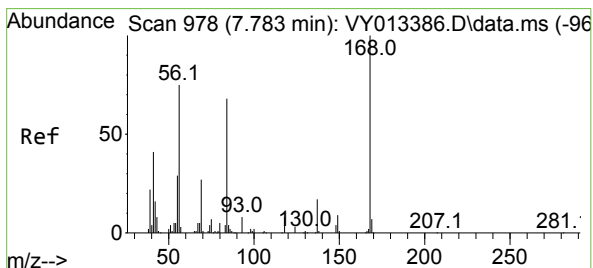
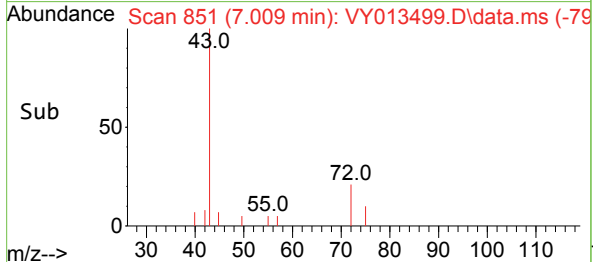
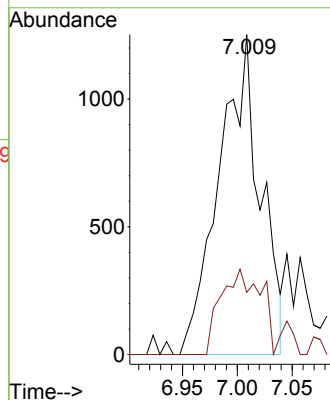
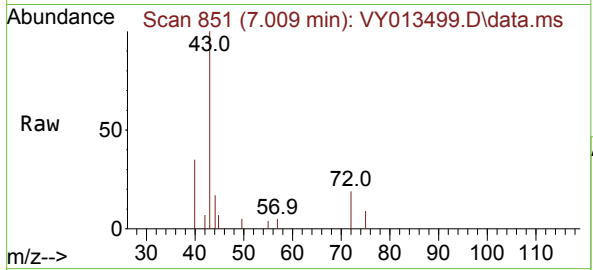




#25
2-Butanone
Concen: 2.730 ug/l
RT: 7.009 min Scan# 81
Delta R.T. 0.025 min
Lab File: VY013499.D
Acq: 27 Apr 2023 18:03

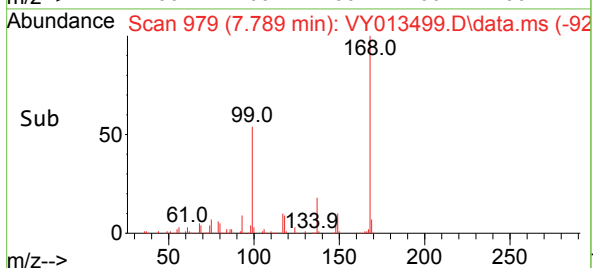
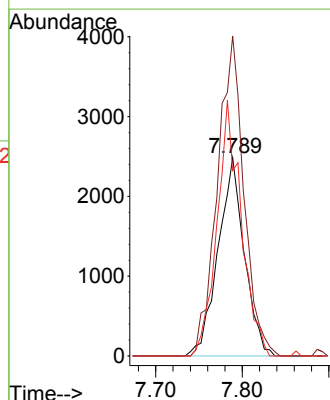
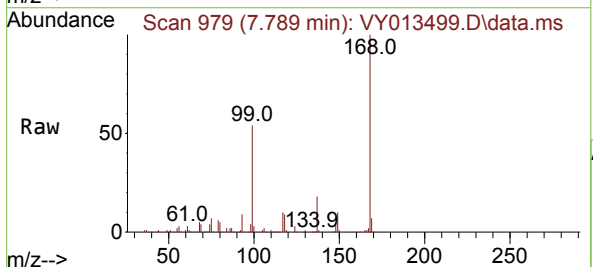
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-8.5-9.0

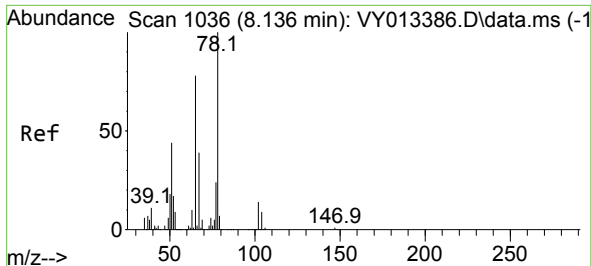
Tgt Ion: 43 Resp: 3261
Ion Ratio Lower Upper
43 100
72 19.5 21.9 32.9#



#31
Cyclohexane
Concen: 1.222 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY013499.D
Acq: 27 Apr 2023 18:03

Tgt Ion: 56 Resp: 5234
Ion Ratio Lower Upper
56 100
69 161.4 29.2 43.8#
84 93.5 73.0 109.6

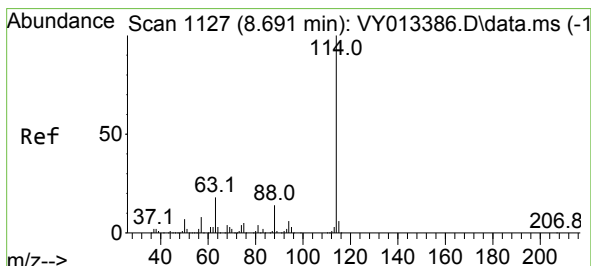
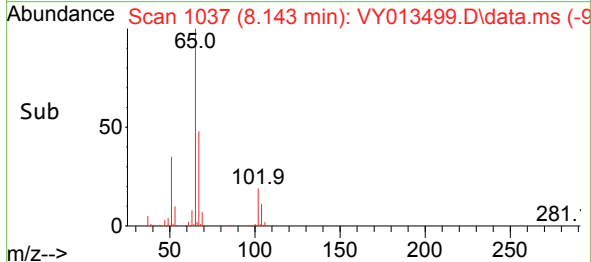
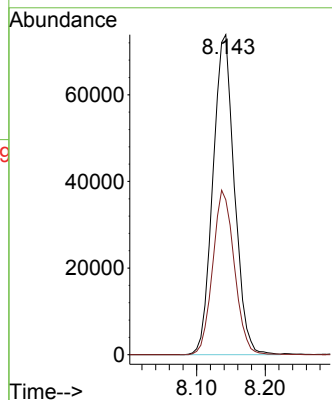
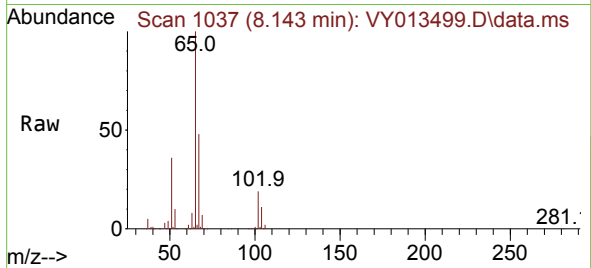




#33
 1,2-Dichloroethane-d4
 Concen: 67.122 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.007 min
 Lab File: VY013499.D
 Acq: 27 Apr 2023 18:03

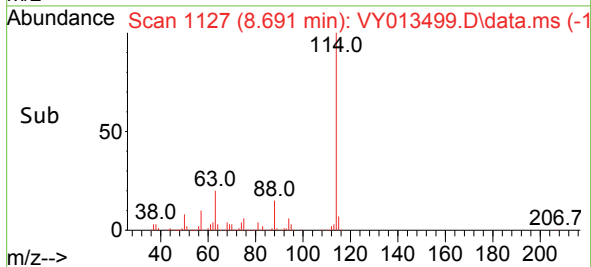
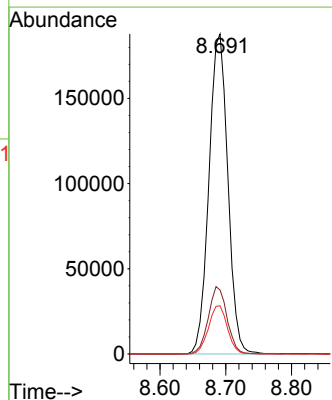
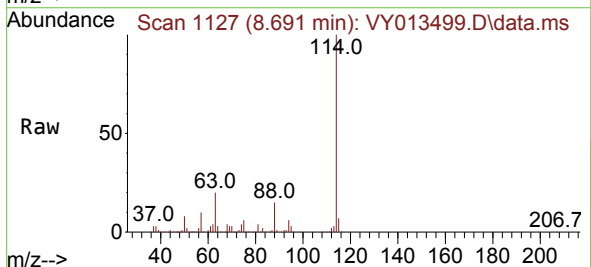
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09-8.5-9.0

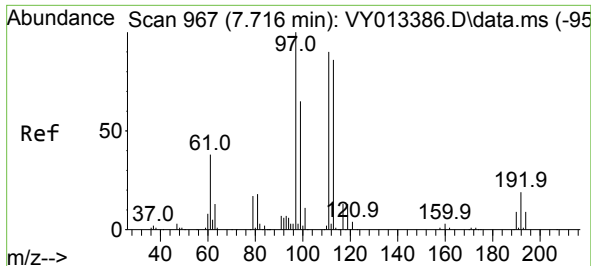
Tgt Ion: 65 Resp: 160542
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY013499.D
 Acq: 27 Apr 2023 18:03

Tgt Ion: 114 Resp: 375481
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 36.6
 88 15.0 0.0 28.8

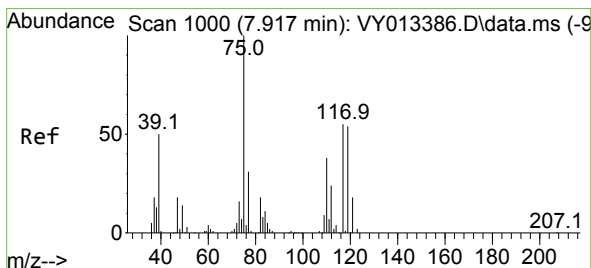
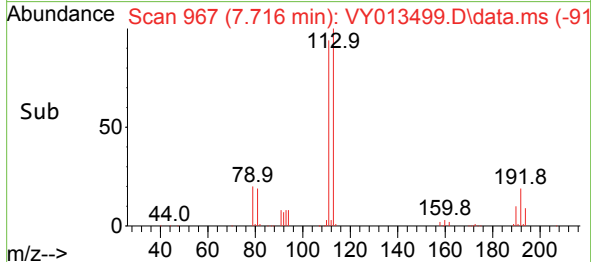
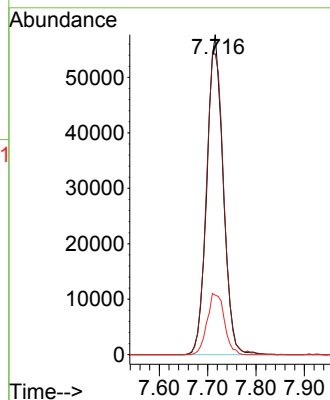
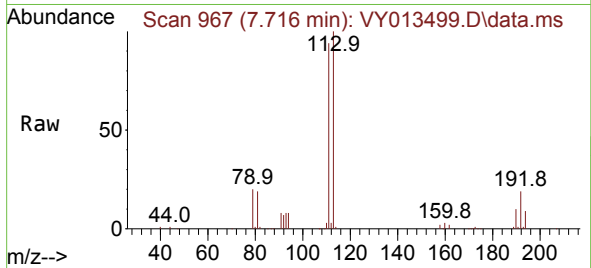




#35
Dibromofluoromethane
Concen: 57.190 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY013499.D
Acq: 27 Apr 2023 18:03

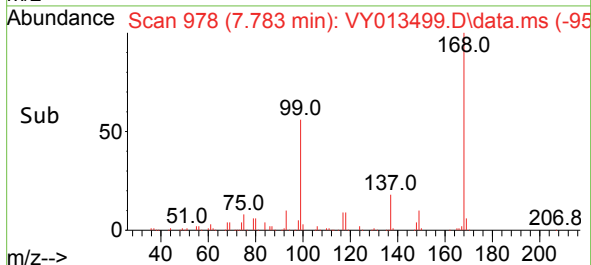
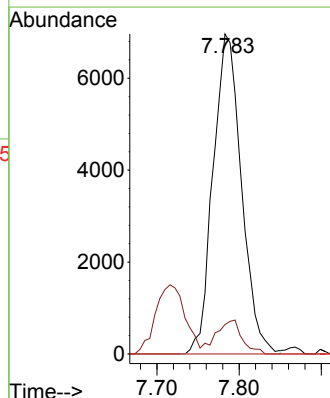
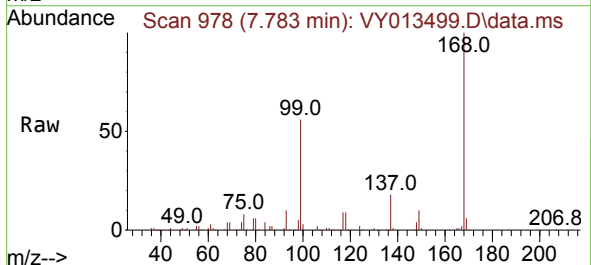
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-8.5-9.0

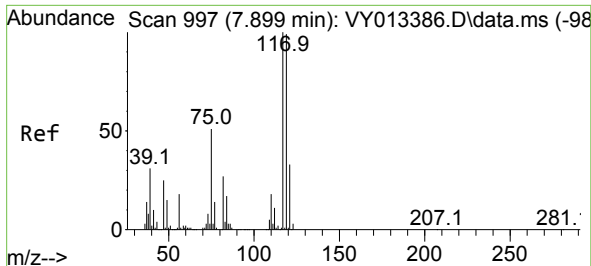
Tgt Ion:113 Resp: 135060
Ion Ratio Lower Upper
113 100
111 100.5 82.2 123.2
192 20.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.259 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY013499.D
Acq: 27 Apr 2023 18:03

Tgt Ion: 75 Resp: 16691
Ion Ratio Lower Upper
75 100
110 8.8 18.7 56.1#
77 0.0 24.6 37.0#

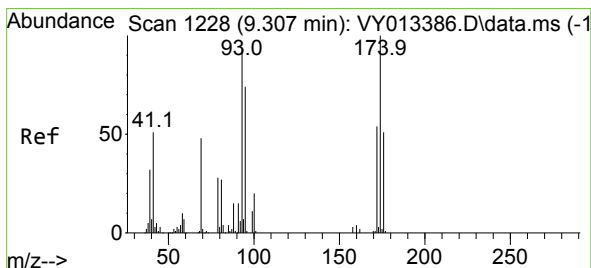
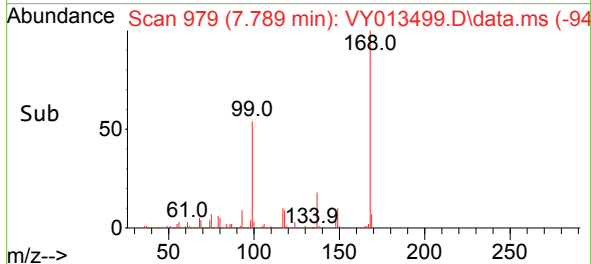
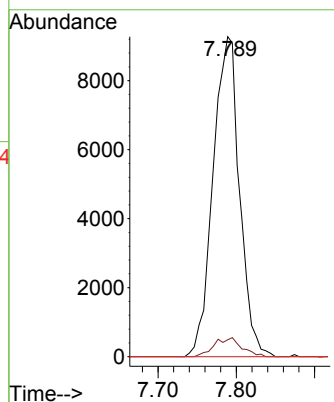
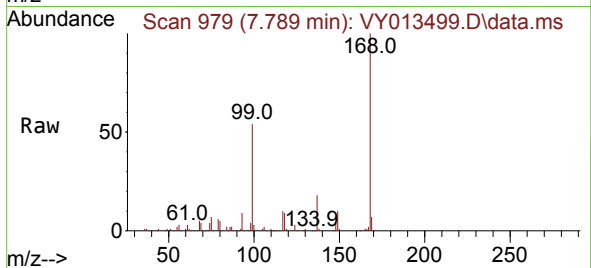




#38
Carbon Tetrachloride
Concen: 5.299 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013499.D
Acq: 27 Apr 2023 18:03

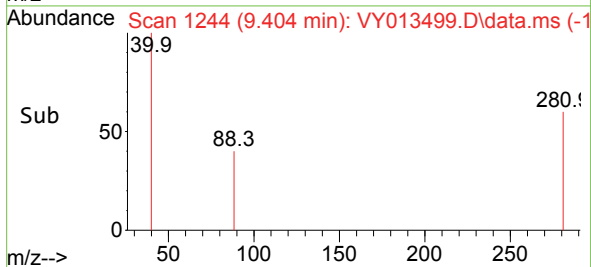
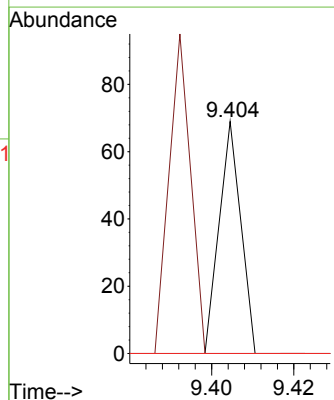
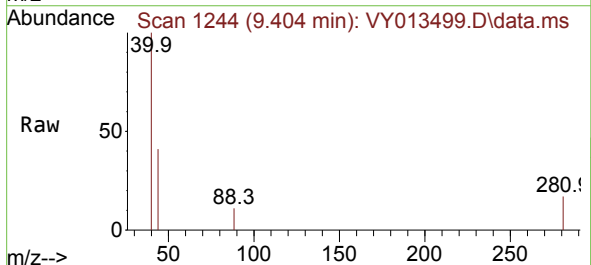
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-8.5-9.0

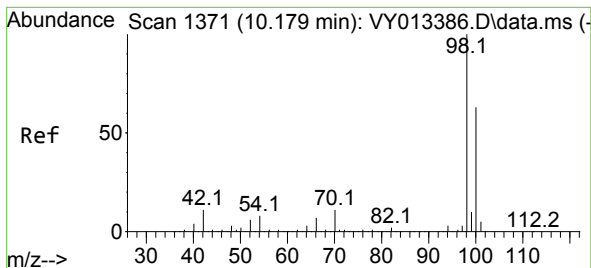
Tgt Ion:117 Resp: 21767
Ion Ratio Lower Upper
117 100
119 5.3 79.0 118.6#
121 0.0 26.6 40.0#



#49
1,4-Dioxane
Concen: 1.013 ug/l
RT: 9.404 min Scan# 1244
Delta R.T. 0.097 min
Lab File: VY013499.D
Acq: 27 Apr 2023 18:03

Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 140.0 16.8 25.2#
58 0.0 54.3 81.5#





#50

Toluene-d8

Concen: 54.549 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013499.D

Acq: 27 Apr 2023 18:03

Instrument :

MSVOA_Y

ClientSampleId :

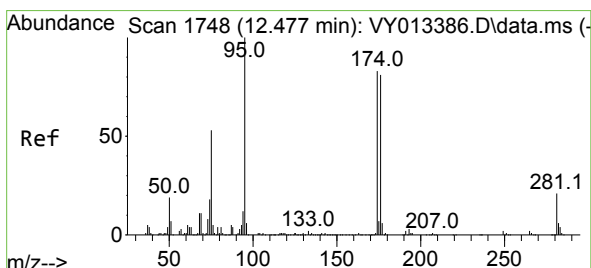
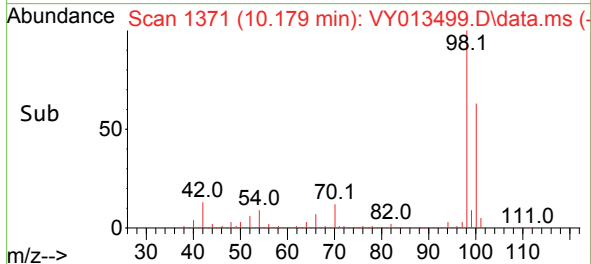
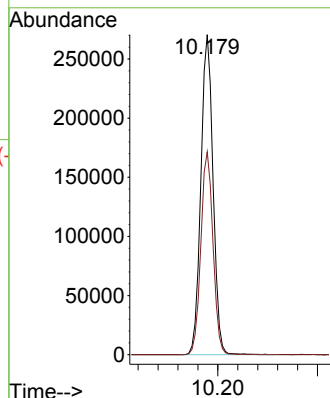
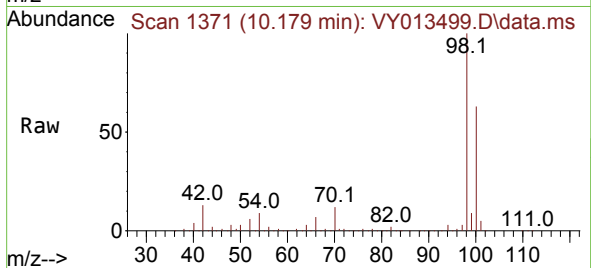
SB-09-8.5-9.0

Tgt Ion: 98 Resp: 458273

Ion Ratio Lower Upper

98 100

100 63.2 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 52.765 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY013499.D

Acq: 27 Apr 2023 18:03

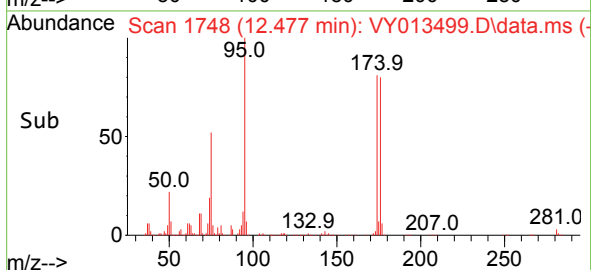
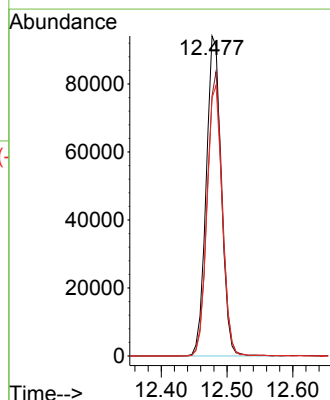
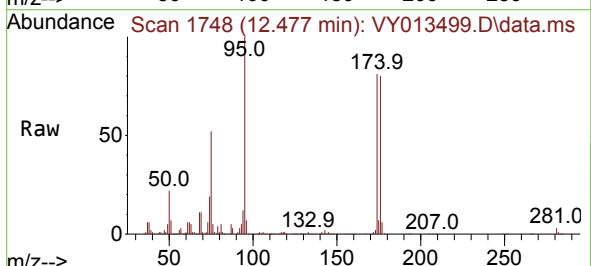
Tgt Ion: 95 Resp: 149445

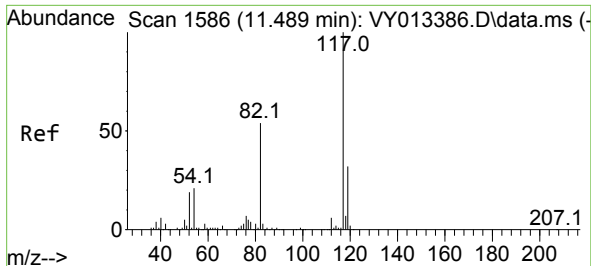
Ion Ratio Lower Upper

95 100

174 89.3 0.0 182.0

176 85.6 0.0 175.4

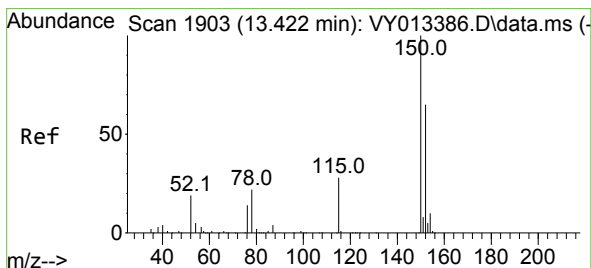
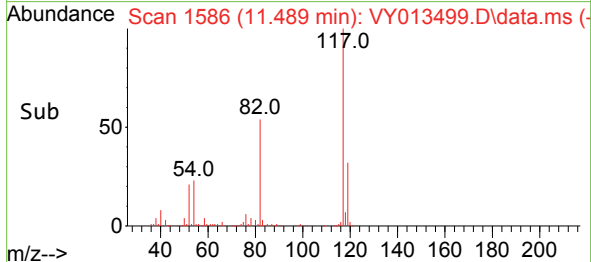
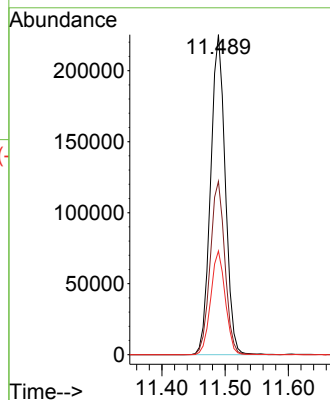
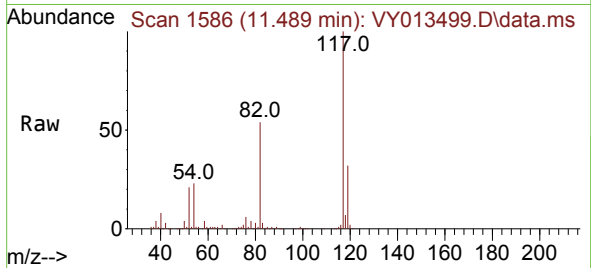




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013499.D
Acq: 27 Apr 2023 18:03

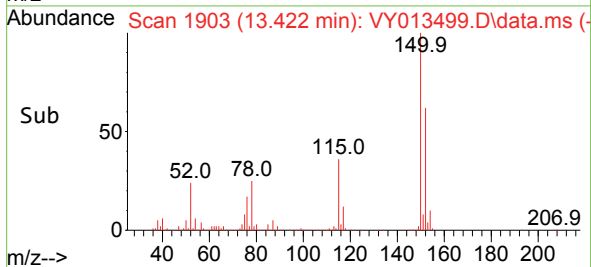
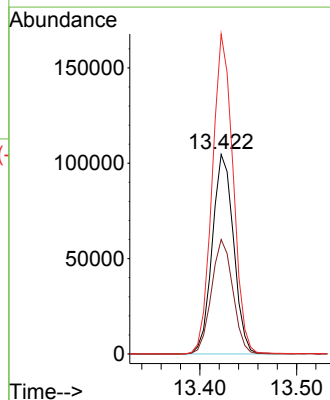
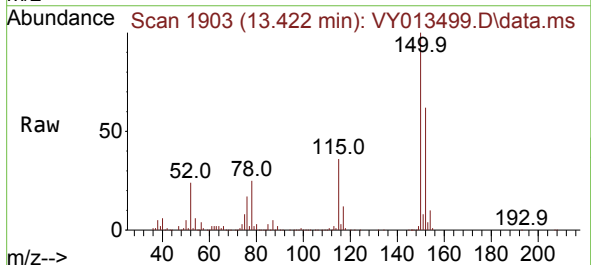
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-8.5-9.0

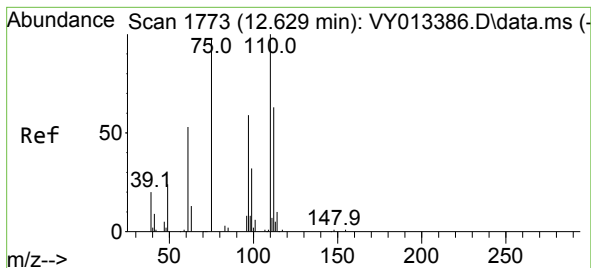
Tgt Ion:117 Resp: 362845
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.6
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013499.D
Acq: 27 Apr 2023 18:03

Tgt Ion:152 Resp: 160484
Ion Ratio Lower Upper
152 100
115 57.5 28.1 84.2
150 156.9 0.0 352.0

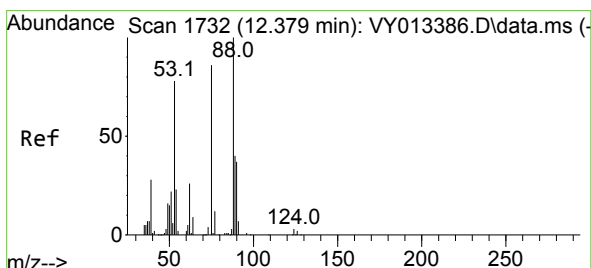
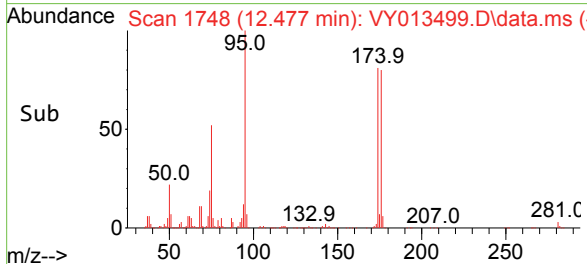
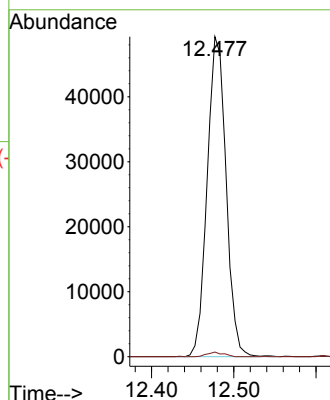
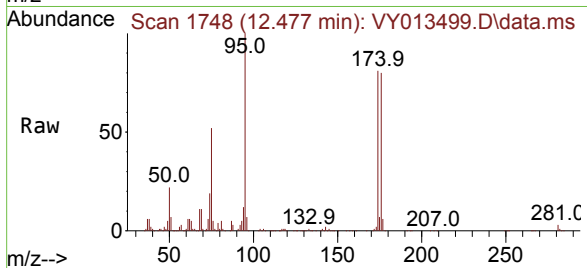




#76
1,2,3-Trichloropropane
Concen: 36.368 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013499.D
Acq: 27 Apr 2023 18:03

Instrument :
MSVOA_Y
ClientSampleId :
SB-09-8.5-9.0

Tgt Ion: 75 Resp: 78712
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.393 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013499.D
Acq: 27 Apr 2023 18:03

Tgt Ion: 75 Resp: 78712
Ion Ratio Lower Upper
75 100
53 0.3 73.2 109.8#
89 0.0 38.0 57.0#

