

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041323\
 Data File : VY013292.D
 Acq On : 13 Apr 2023 13:44
 Operator : KP/MD
 Sample : 02256-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 360

Quant Time: Apr 14 03:00:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

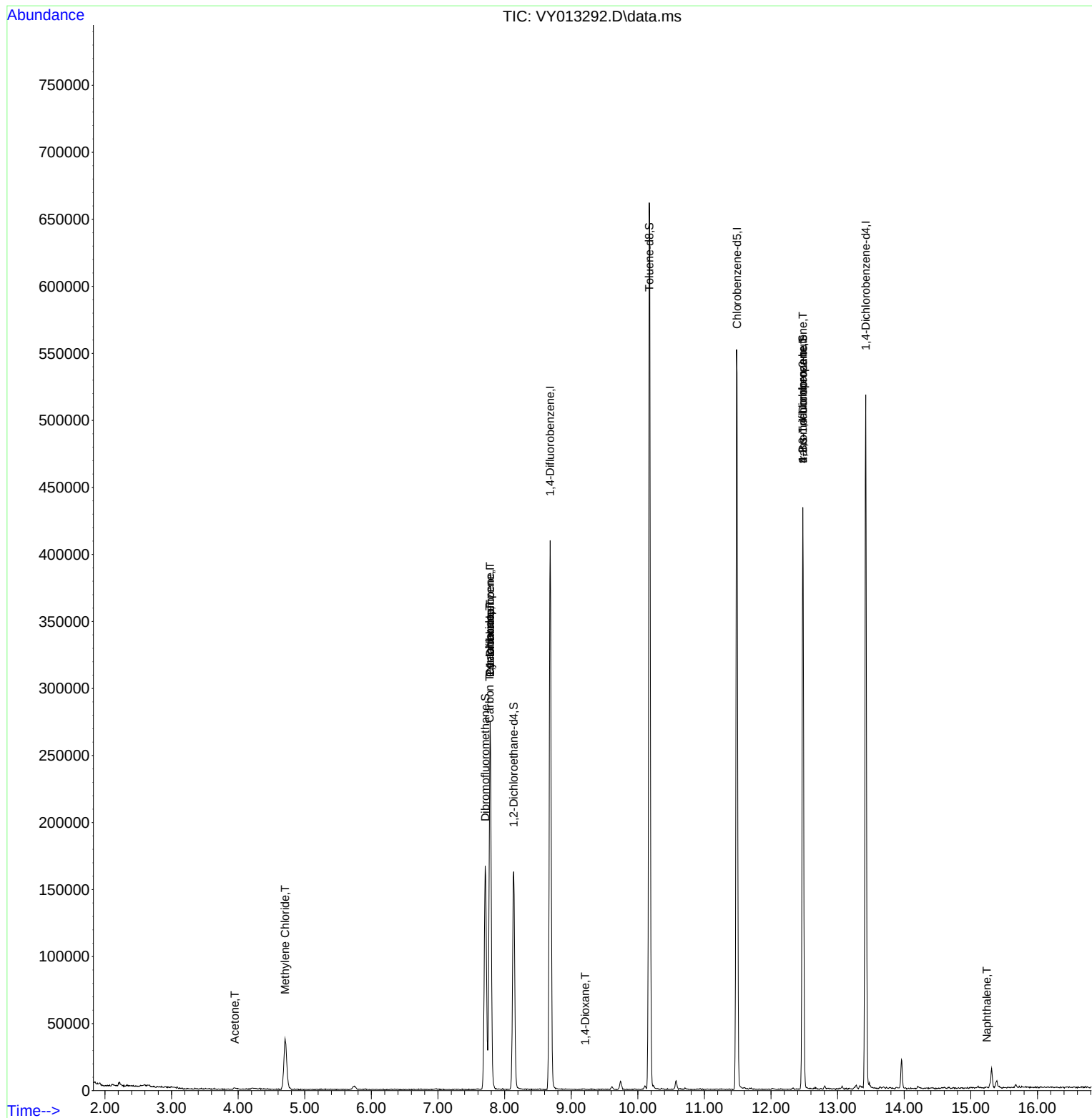
Internal Standards						
1) Pentafluorobenzene	7.783	168	203872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	334731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	286014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	128697	52.528	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.060%	
35) Dibromofluoromethane	7.710	113	117119	54.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.100%	
50) Toluene-d8	10.173	98	421686	52.279	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.560%	
62) 4-Bromofluorobenzene	12.477	95	119678	45.665	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.340%	
Target Compounds						
11) Tert butyl alcohol	4.936	59	46	Below Cal	#	74
16) Acetone	3.948	43	2134	2.533	ug/l	93
20) Methylene Chloride	4.704	84	26292	8.249	ug/l	94
31) Cyclohexane	7.783	56	5610	1.514	ug/l #	41
36) 1,1-Dichloropropene	7.783	75	16118	4.910	ug/l #	50
38) Carbon Tetrachloride	7.777	117	20663	5.692	ug/l #	16
49) 1,4-Dioxane	9.209	88	33	1.641	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	65812	40.456	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	65812	83.966	ug/l #	13
95) Naphthalene	15.239	128	581	3.299	ug/l #	82

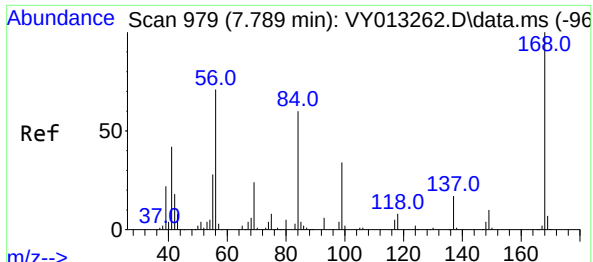
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041323\
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Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
360

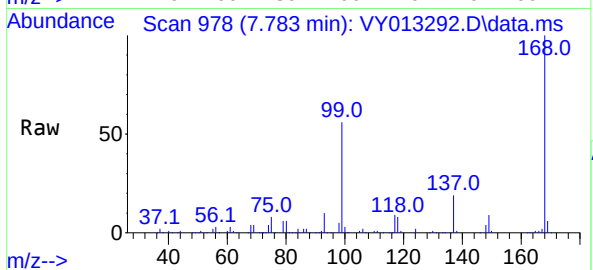
Quant Time: Apr 14 03:00:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration



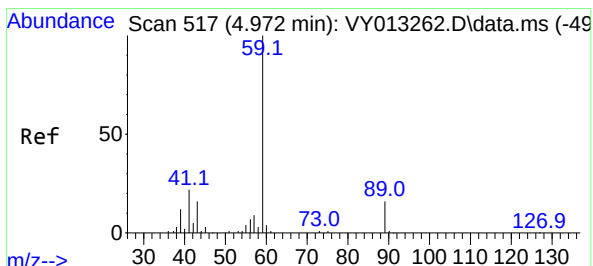
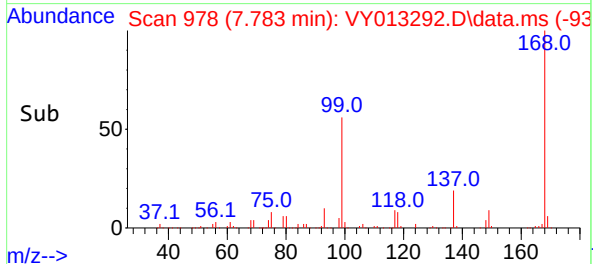
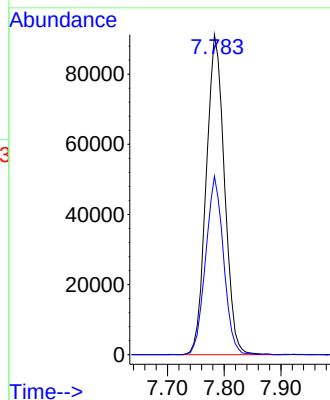


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013292.D
Acq: 13 Apr 2023 13:44

Instrument :
MSVOA_Y
ClientSampleId :
360

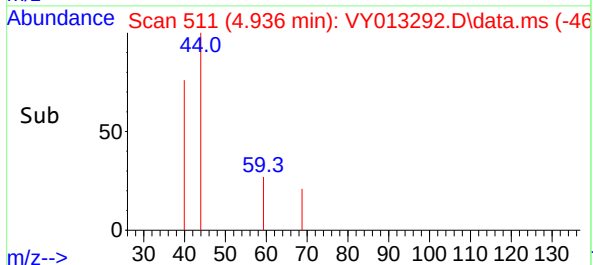
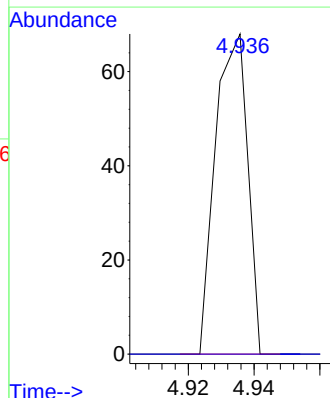
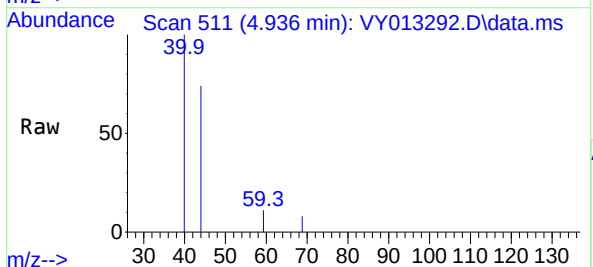


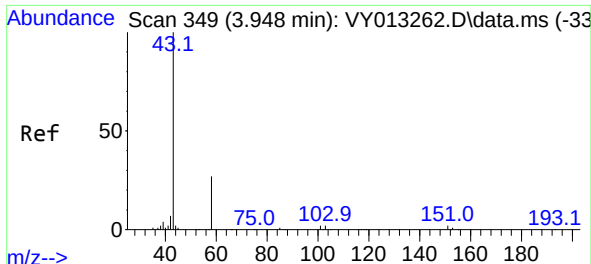
Tgt Ion:168 Resp: 203872
Ion Ratio Lower Upper
168 100
99 55.7 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.036 min
Lab File: VY013292.D
Acq: 13 Apr 2023 13:44

Tgt Ion: 59 Resp: 46
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

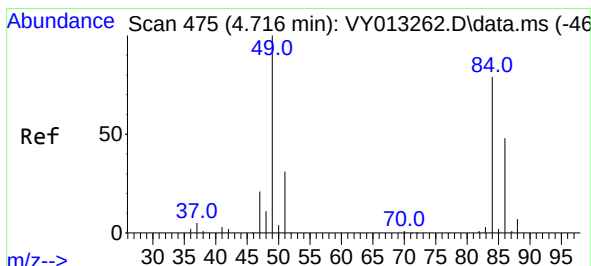
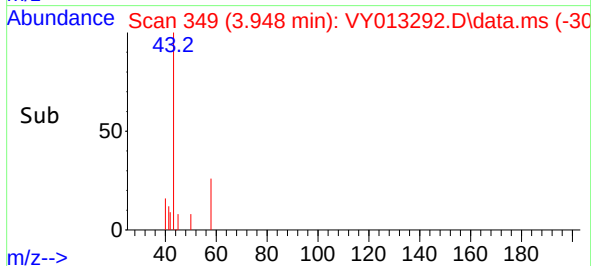
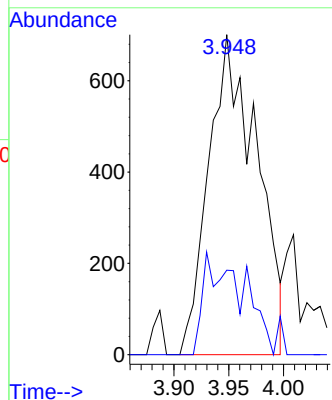
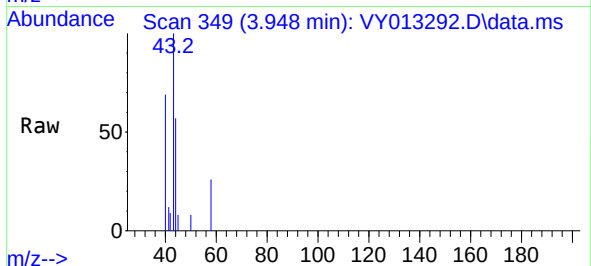




#16
Acetone
Concen: 2.533 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013292.D
Acq: 13 Apr 2023 13:44

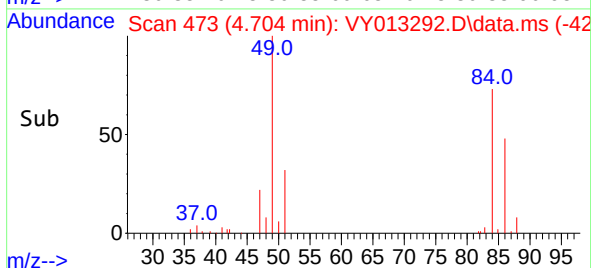
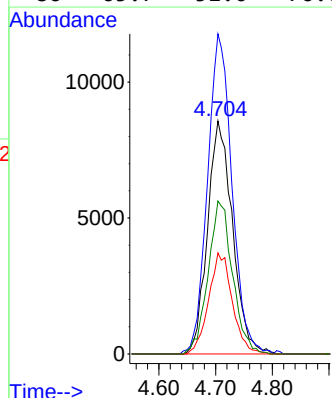
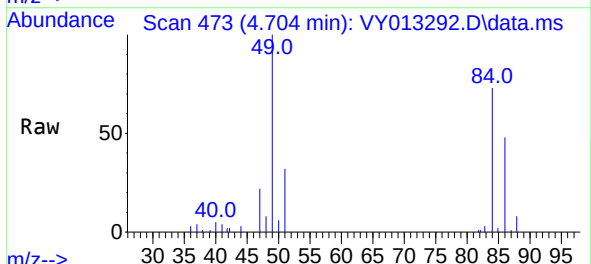
Instrument :
MSVOA_Y
ClientSampleId :
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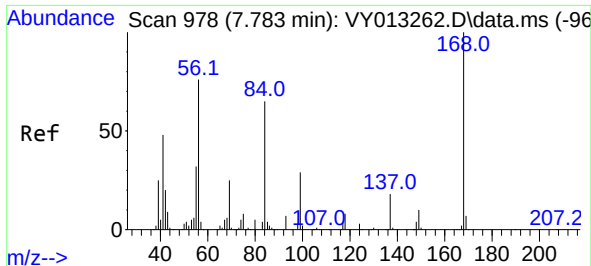
Tgt Ion: 43 Resp: 2134
Ion Ratio Lower Upper
43 100
58 26.4 24.2 36.2



#20
Methylene Chloride
Concen: 8.249 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY013292.D
Acq: 13 Apr 2023 13:44

Tgt Ion: 84 Resp: 26292
Ion Ratio Lower Upper
84 100
49 137.4 102.6 154.0
51 43.4 31.9 47.9
86 65.7 51.0 76.6

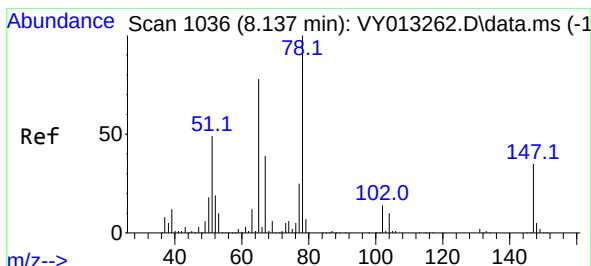
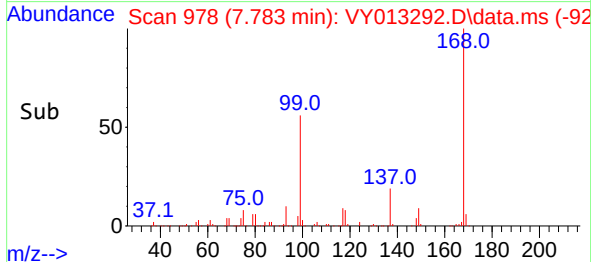
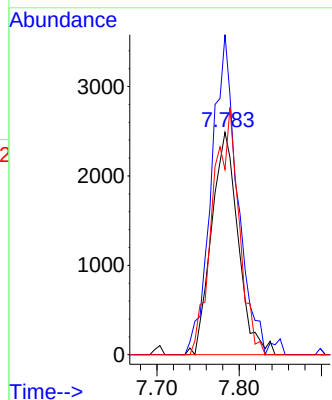
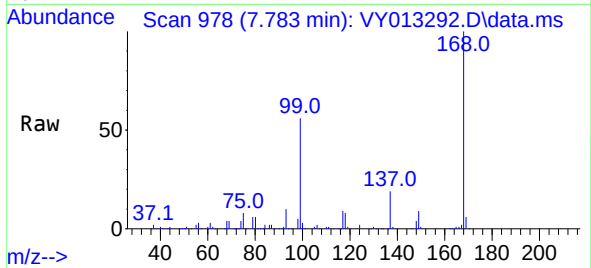




#31
Cyclohexane
Concen: 1.514 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013292.D
Acq: 13 Apr 2023 13:44

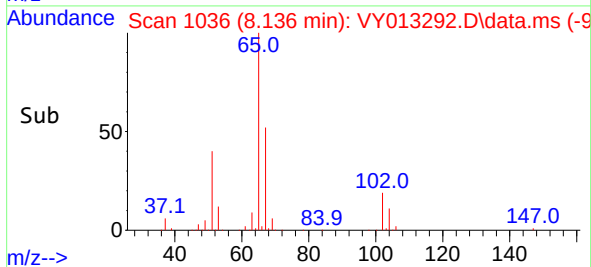
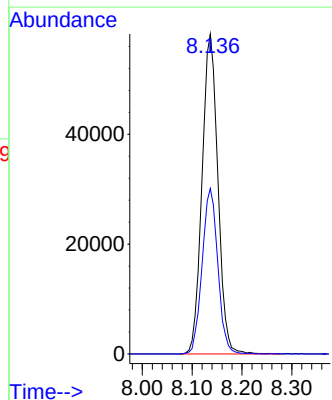
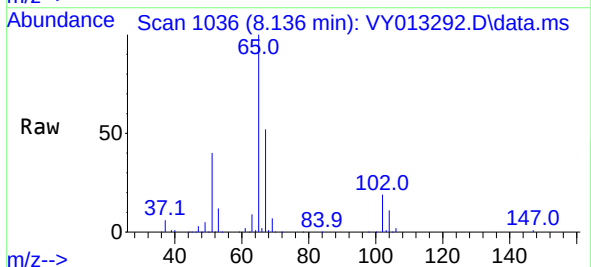
Instrument :
MSVOA_Y
ClientSampleId :
360

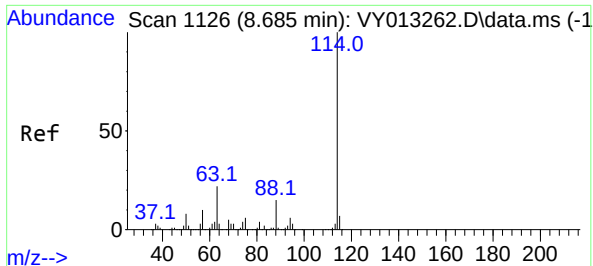
Tgt Ion: 56 Resp: 5610
Ion Ratio Lower Upper
56 100
69 143.8 25.7 38.5#
84 83.2 64.3 96.5



#33
1,2-Dichloroethane-d4
Concen: 52.528 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013292.D
Acq: 13 Apr 2023 13:44

Tgt Ion: 65 Resp: 128697
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.0

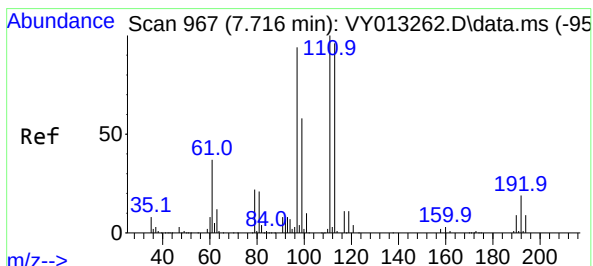
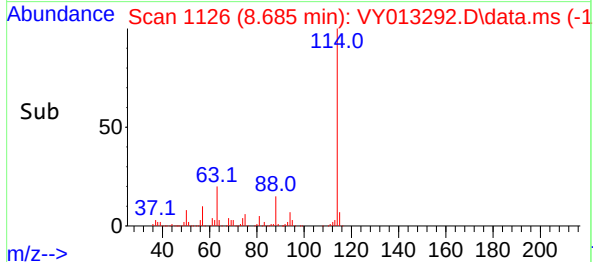
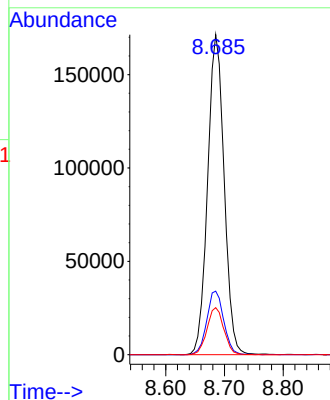
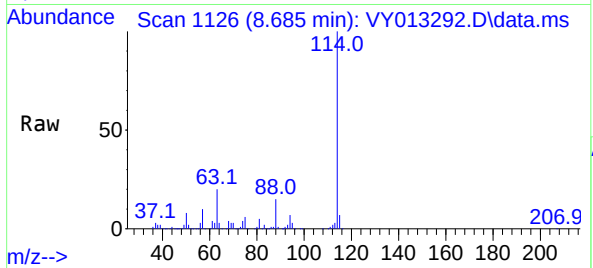




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY013292.D
Acq: 13 Apr 2023 13:44

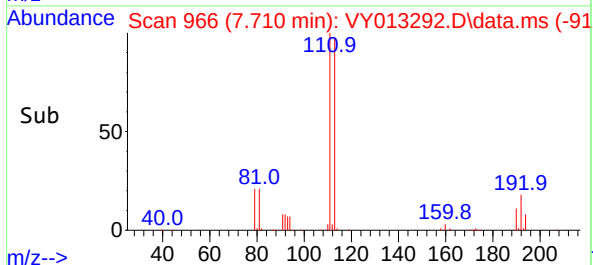
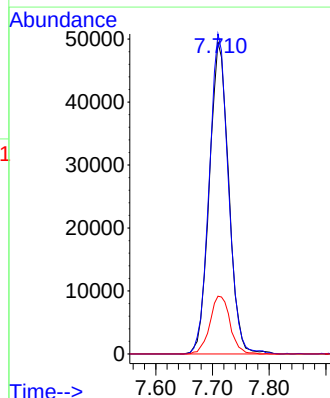
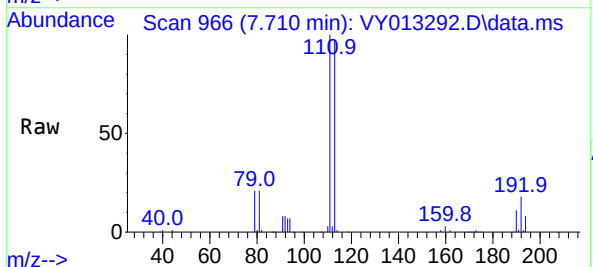
Instrument :
MSVOA_Y
ClientSampleId :
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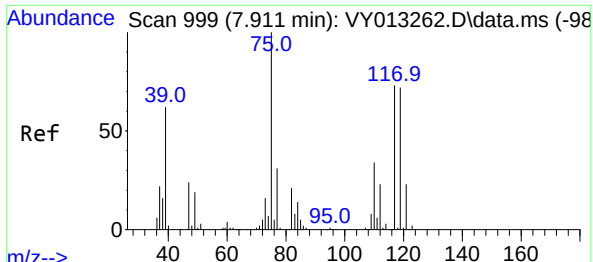
Tgt Ion:114 Resp: 334731
Ion Ratio Lower Upper
114 100
63 19.8 0.0 37.4
88 14.7 0.0 28.6



#35
Dibromofluoromethane
Concen: 54.046 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY013292.D
Acq: 13 Apr 2023 13:44

Tgt Ion:113 Resp: 117119
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 19.4 16.8 25.2

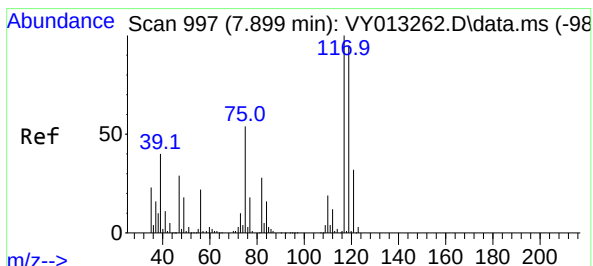
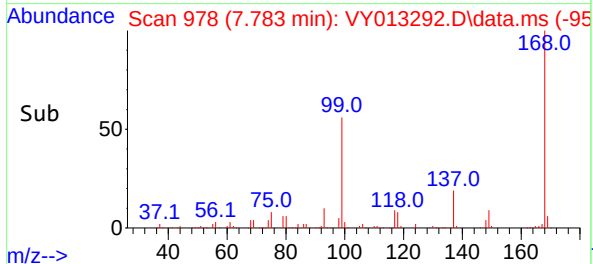
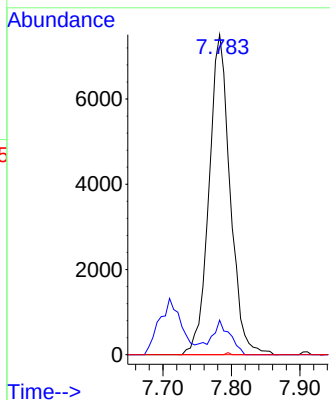
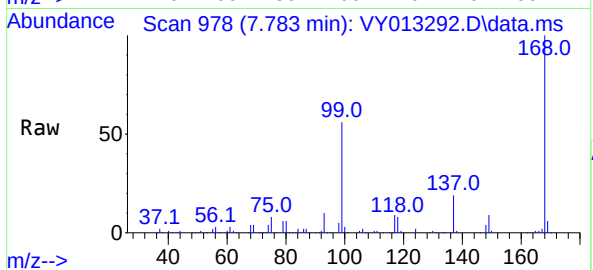




#36
1,1-Dichloropropene
Concen: 4.910 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY013292.D
Acq: 13 Apr 2023 13:44

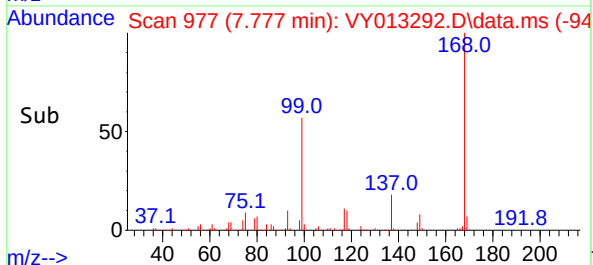
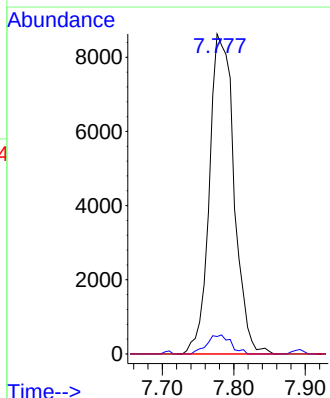
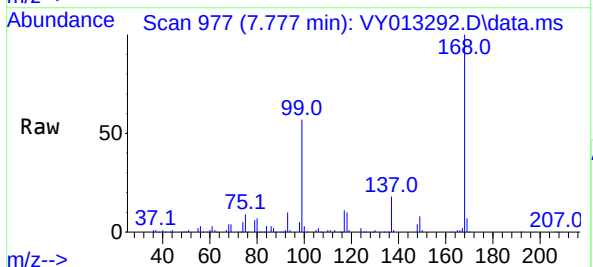
Instrument :
MSVOA_Y
ClientSampleId :
360

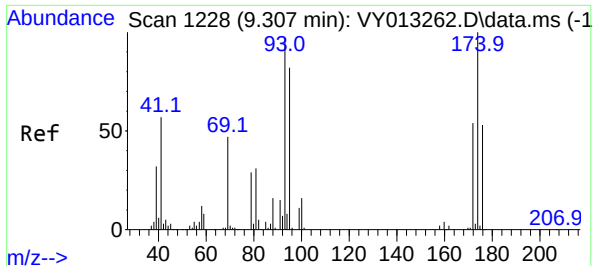
Tgt Ion: 75 Resp: 16118
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.3#
77 0.1 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.692 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.122 min
Lab File: VY013292.D
Acq: 13 Apr 2023 13:44

Tgt Ion: 117 Resp: 20663
Ion Ratio Lower Upper
117 100
119 5.4 77.2 115.8#
121 0.0 24.7 37.1#





#49

1,4-Dioxane

Concen: 1.641 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.098 min

Lab File: VY013292.D

Acq: 13 Apr 2023 13:44

Instrument :

MSVOA_Y

ClientSampleId :

360

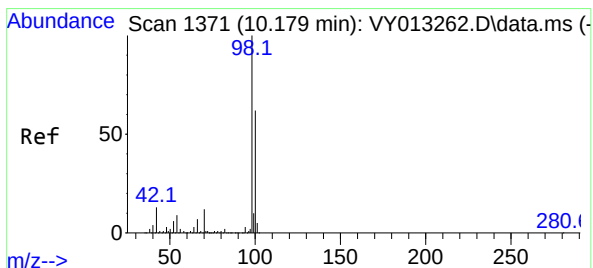
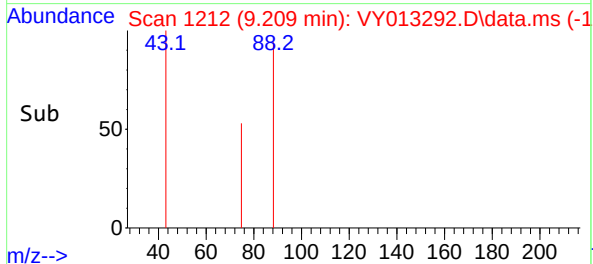
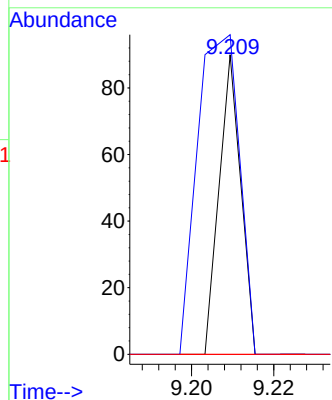
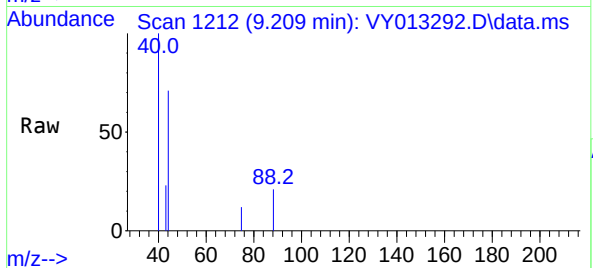
Tgt Ion: 88 Resp: 33

Ion Ratio Lower Upper

88 100

43 206.1 28.6 42.8#

58 0.0 55.2 82.8#



#50

Toluene-d8

Concen: 52.279 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY013292.D

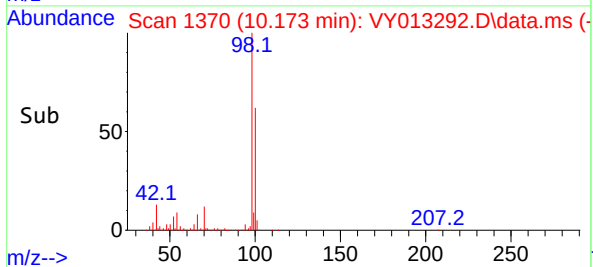
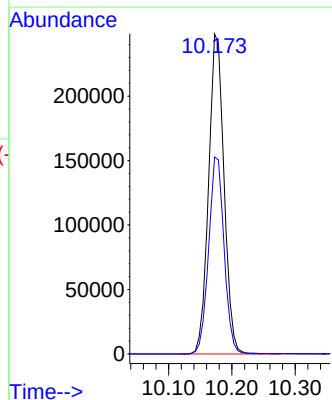
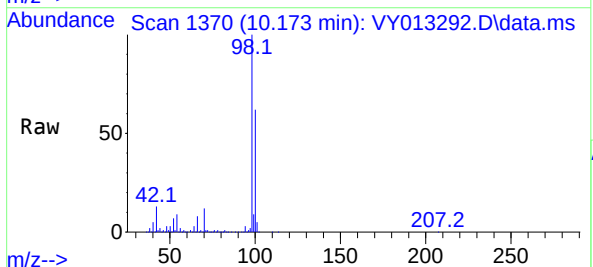
Acq: 13 Apr 2023 13:44

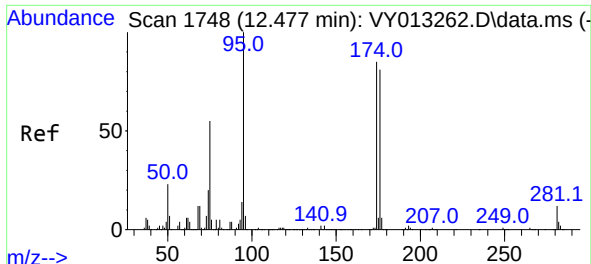
Tgt Ion: 98 Resp: 421686

Ion Ratio Lower Upper

98 100

100 61.5 50.9 76.3

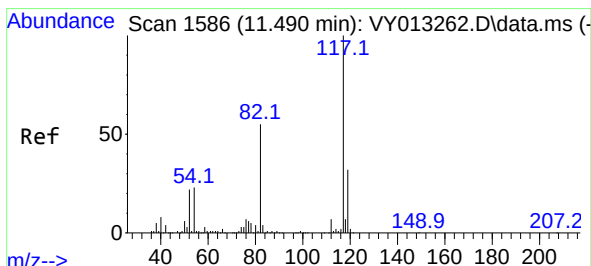
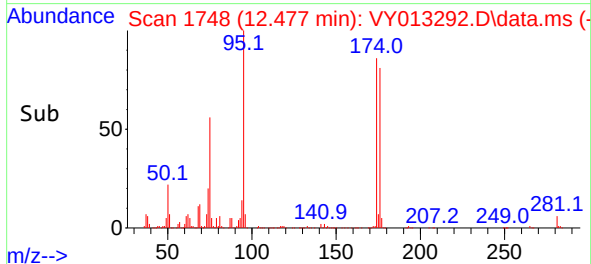
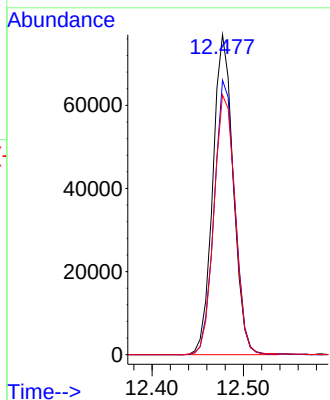
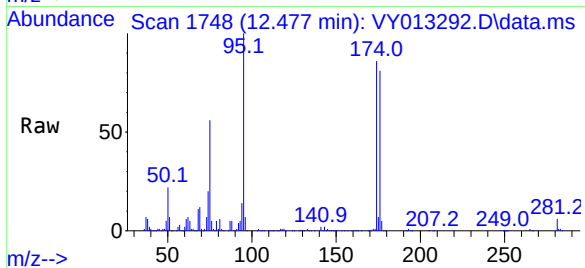




#62
4-Bromofluorobenzene
Concen: 45.665 ug/l
RT: 12.477 min Scan# 119678
Delta R.T. -0.000 min
Lab File: VY013292.D
Acq: 13 Apr 2023 13:44

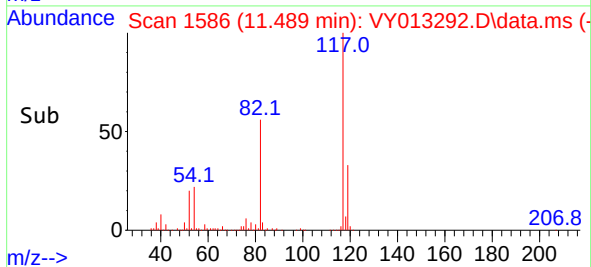
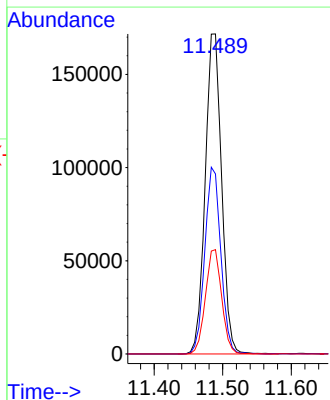
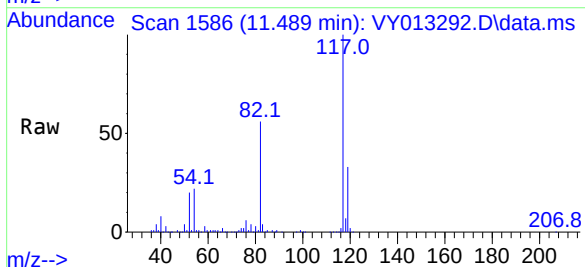
Instrument :
MSVOA_Y
ClientSampleId :
360

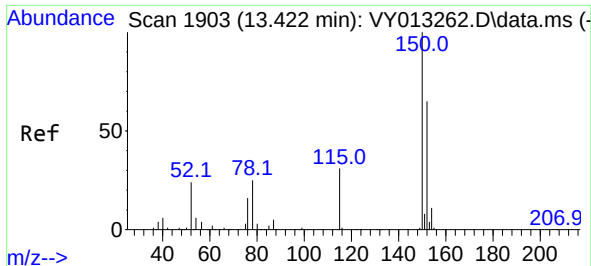
Tgt Ion: 95 Resp: 119678
Ion Ratio Lower Upper
95 100
174 86.8 0.0 176.6
176 84.4 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013292.D
Acq: 13 Apr 2023 13:44

Tgt Ion: 117 Resp: 286014
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.0
119 32.6 25.6 38.4

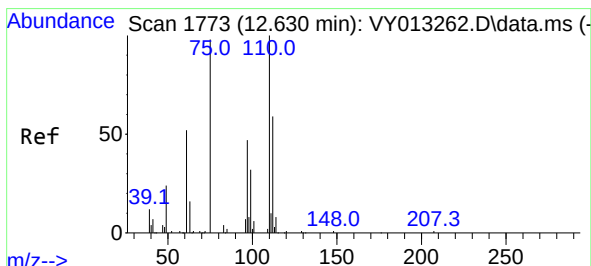
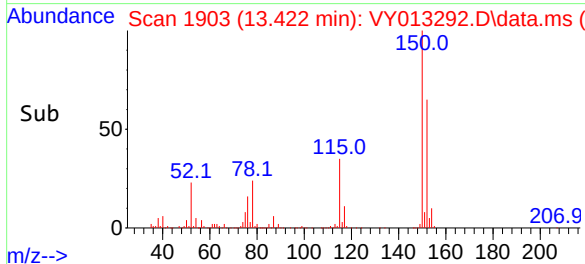
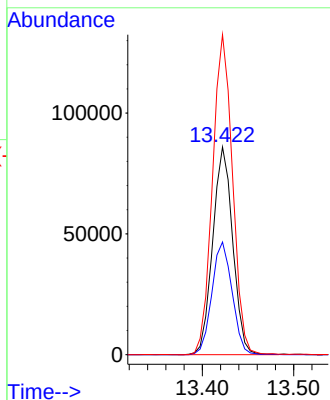
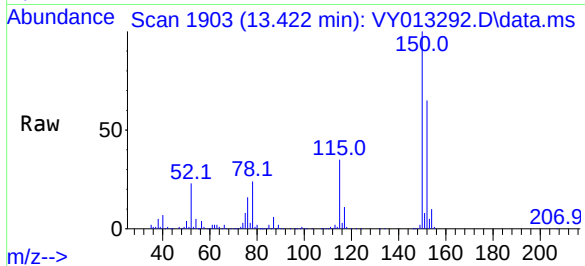




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013292.D
Acq: 13 Apr 2023 13:44

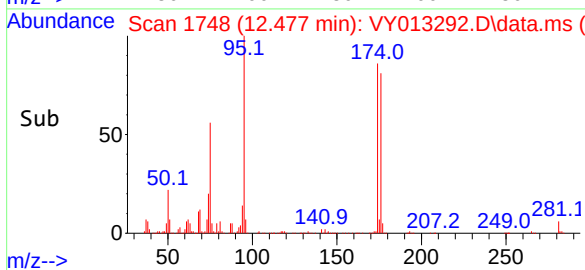
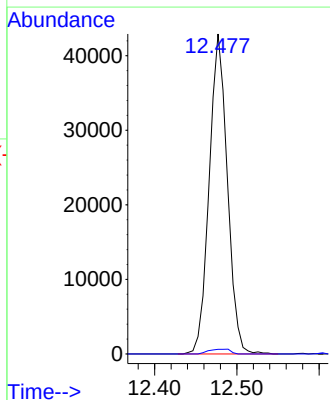
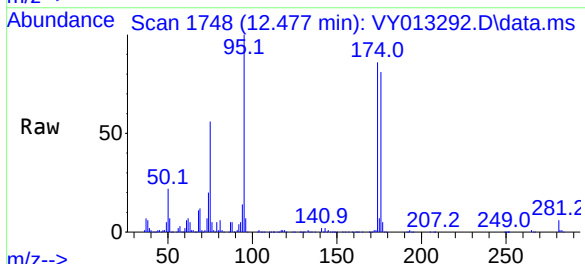
Instrument :
MSVOA_Y
ClientSampleId :
360

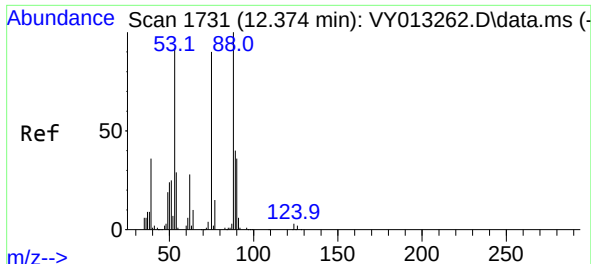
Tgt Ion:152 Resp: 130551
Ion Ratio Lower Upper
152 100
115 54.9 27.1 81.3
150 154.5 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 40.456 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY013292.D
Acq: 13 Apr 2023 13:44

Tgt Ion: 75 Resp: 65812
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#

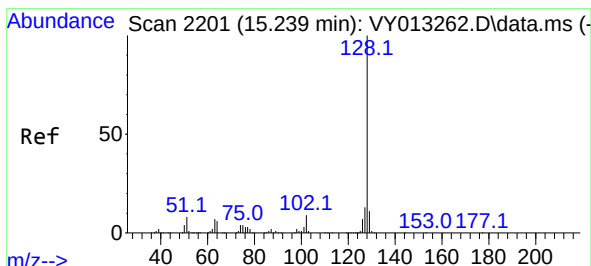
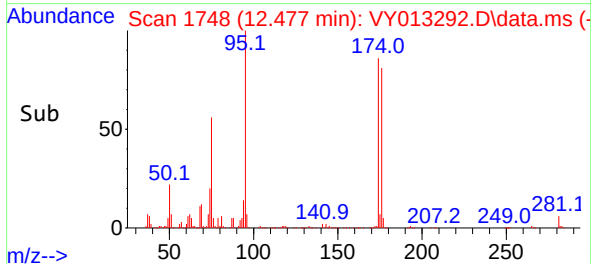
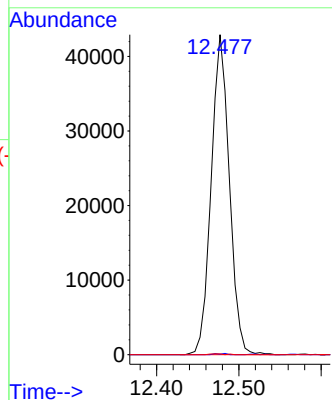
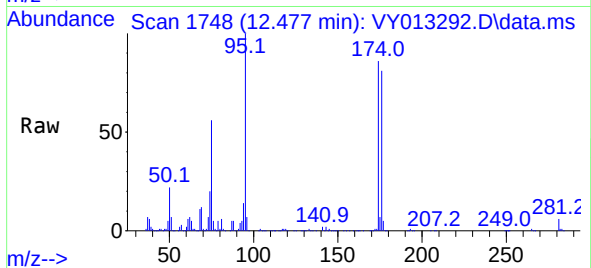




#81
trans-1,4-Dichloro-2-butene
Concen: 83.966 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY013292.D
Acq: 13 Apr 2023 13:44

Instrument :
MSVOA_Y
ClientSampleId :
360

Tgt Ion: 75 Resp: 65812
Ion Ratio Lower Upper
75 100
53 0.2 73.4 110.0#
89 0.2 36.6 55.0#



#95
Naphthalene
Concen: 3.299 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY013292.D
Acq: 13 Apr 2023 13:44

Tgt Ion: 128 Resp: 581
Ion Ratio Lower Upper
128 100
127 16.4 10.3 15.5#
129 0.0 8.6 13.0#

