

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
 Data File : VY013377.D
 Acq On : 20 Apr 2023 18:44
 Operator : KP/MD
 Sample : 02406-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 02:16:19 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)

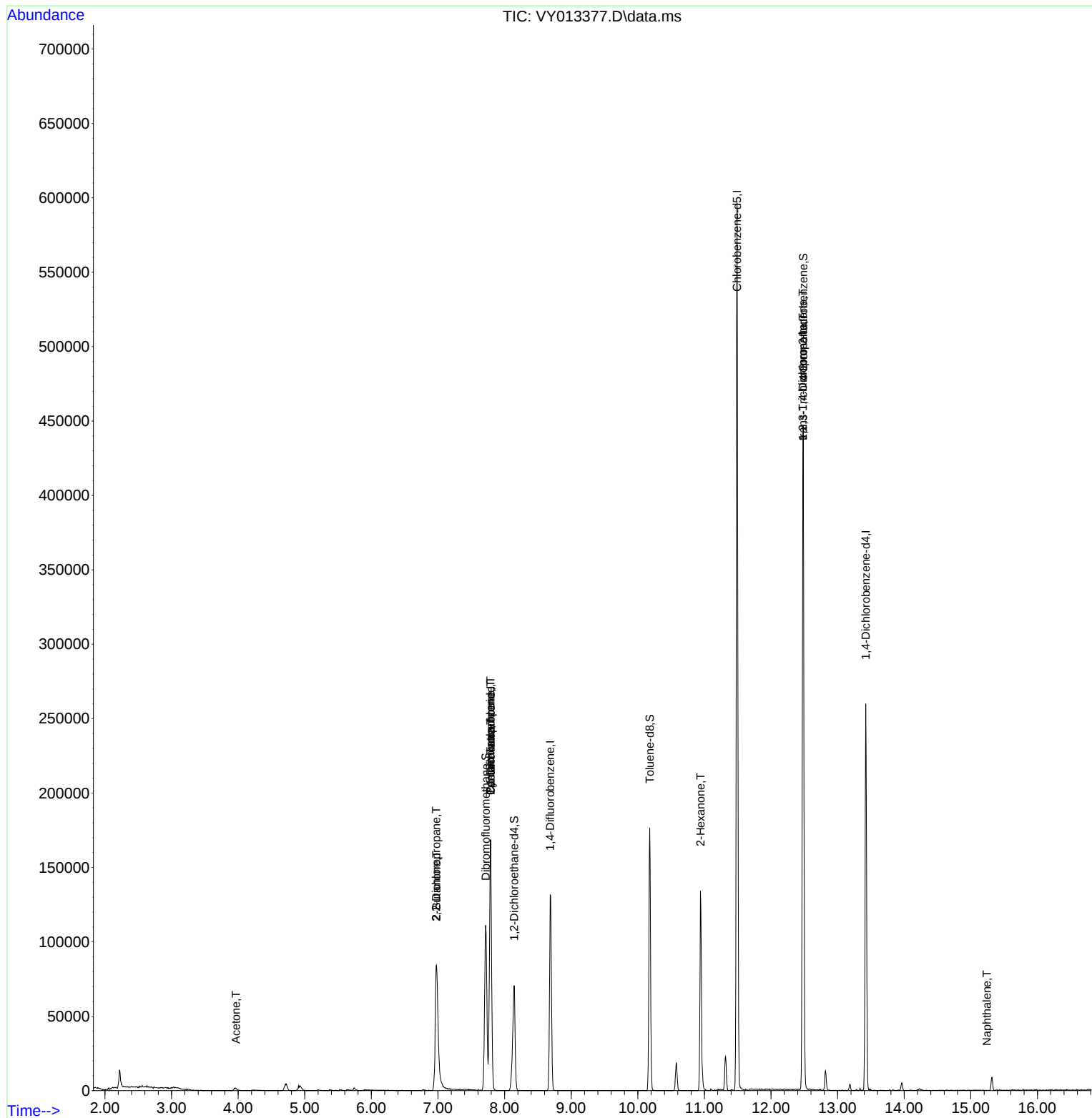
Internal Standards						
1) Pentafluorobenzene	7.789	168	129105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	98902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	306317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64390	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	62612	40.355	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 80.700%			
35) Dibromofluoromethane	7.716	113	72745	113.614	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 227.220%#			
50) Toluene-d8	10.179	98	102434	42.981	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 85.960%			
62) 4-Bromofluorobenzene	12.483	95	122377	158.038	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 316.080%#			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	3027	Below Cal	#	74
16) Acetone	3.967	43	4227	7.924	ug/l #	66
20) Methylene Chloride	4.710	84	3089	Below Cal	#	79
25) 2-Butanone	6.978	43	5081	7.439	ug/l #	87
26) 2,2-Dichloropropane	6.972	77	6695	2.921	ug/l #	52
31) Cyclohexane	7.789	56	2478	1.056	ug/l #	15
36) 1,1-Dichloropropene	7.789	75	7773	8.013	ug/l #	54
38) Carbon Tetrachloride	7.789	117	12051	11.236	ug/l #	16
59) 2-Hexanone	10.941	43	820	1.596	ug/l	67
76) 1,2,3-Trichloropropane	12.477	75	63475	79.112	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	63475	164.195	ug/l #	13
95) Naphthalene	15.239	128	19	3.211	ug/l #	69

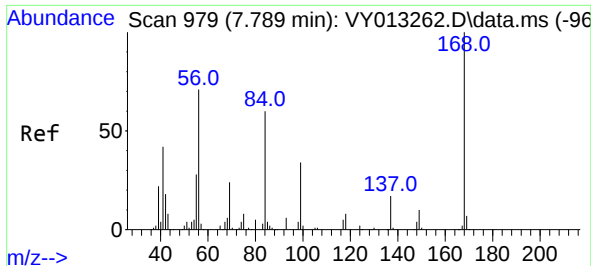
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
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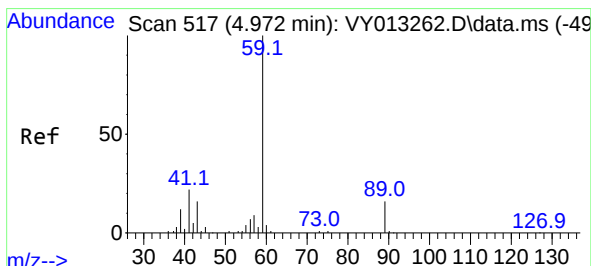
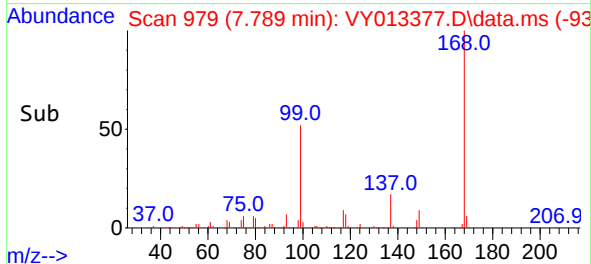
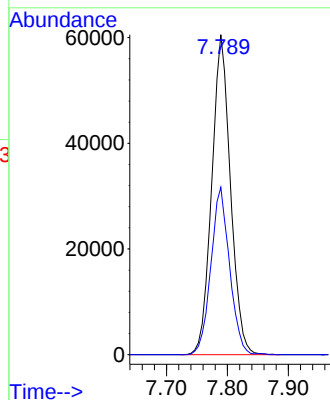
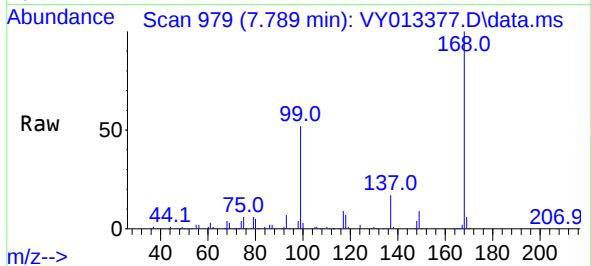




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013377.D
Acq: 20 Apr 2023 18:44

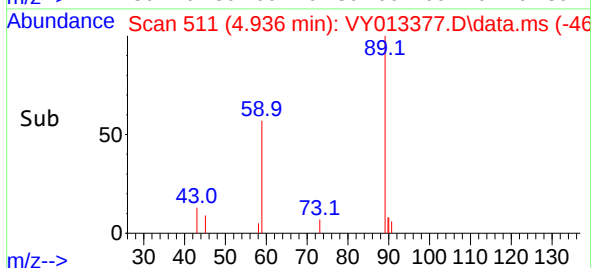
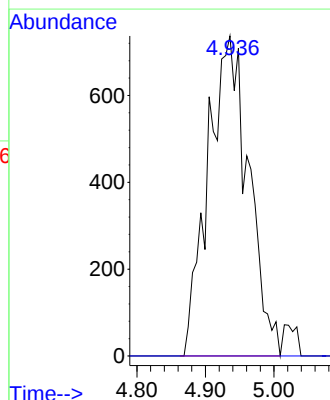
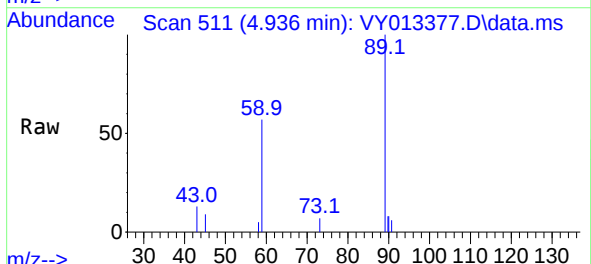
Instrument :
MSVOA_Y
ClientSampleId :

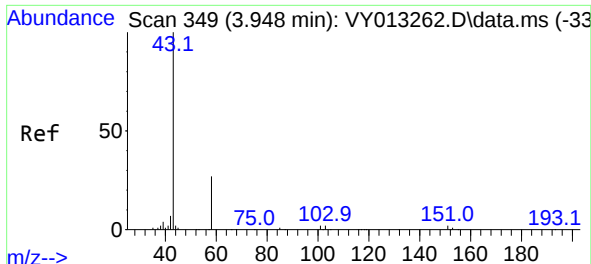
Tgt Ion:168 Resp: 129105
Ion Ratio Lower Upper
168 100
99 52.3 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.036 min
Lab File: VY013377.D
Acq: 20 Apr 2023 18:44

Tgt Ion: 59 Resp: 3027
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

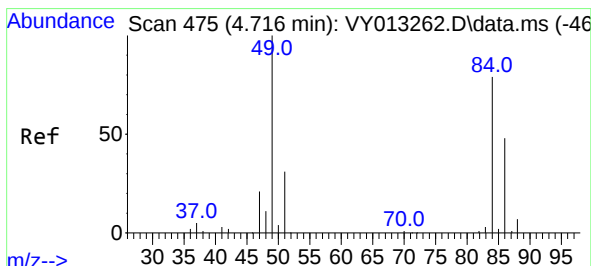
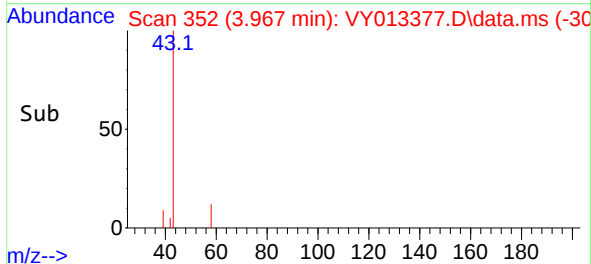
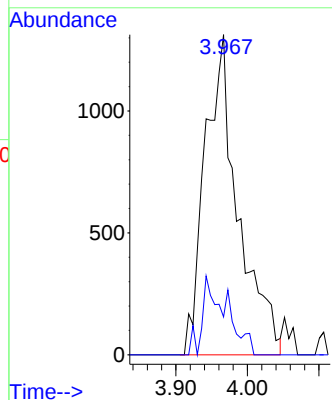
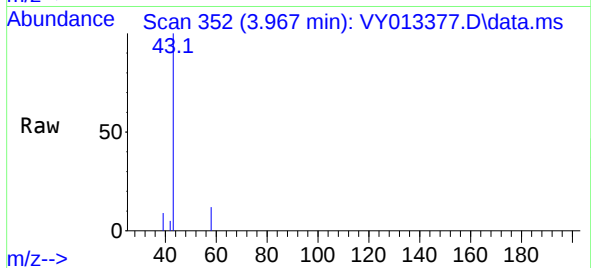




#16
Acetone
Concen: 7.924 ug/l
RT: 3.967 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY013377.D
Acq: 20 Apr 2023 18:44

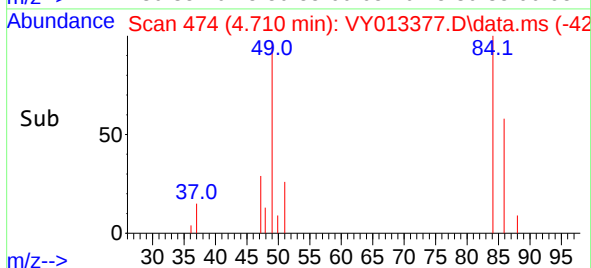
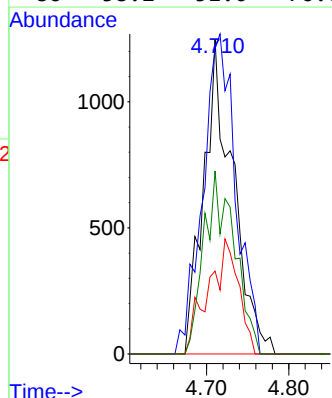
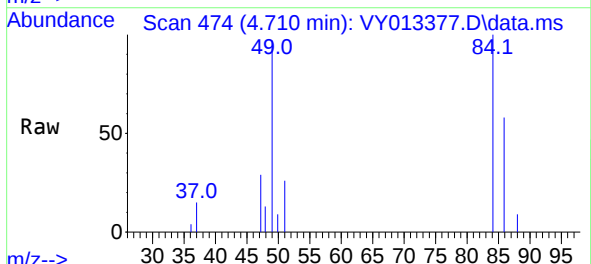
Instrument :
MSVOA_Y
ClientSampleId :

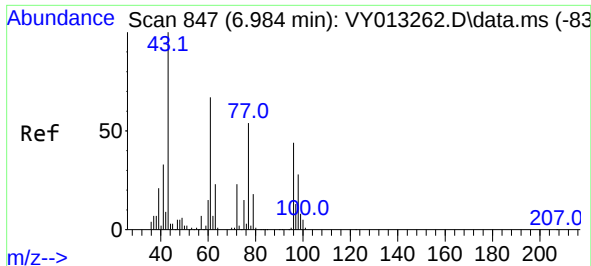
Tgt Ion: 43 Resp: 4227
Ion Ratio Lower Upper
43 100
58 11.8 24.2 36.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013377.D
Acq: 20 Apr 2023 18:44

Tgt Ion: 84 Resp: 3089
Ion Ratio Lower Upper
84 100
49 97.1 102.6 154.0#
51 26.4 31.9 47.9#
86 58.2 51.0 76.6





#25

2-Butanone

Concen: 7.439 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

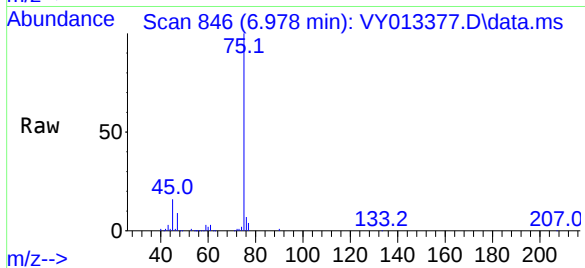
Lab File: VY013377.D

Acq: 20 Apr 2023 18:44

Instrument :

MSVOA_Y

ClientSampleId :

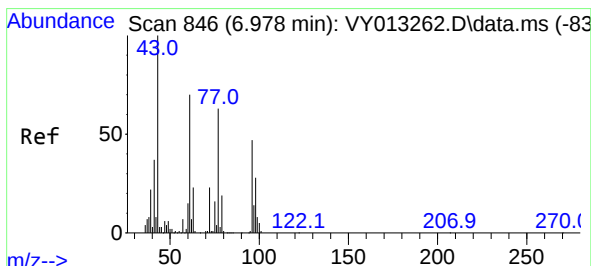
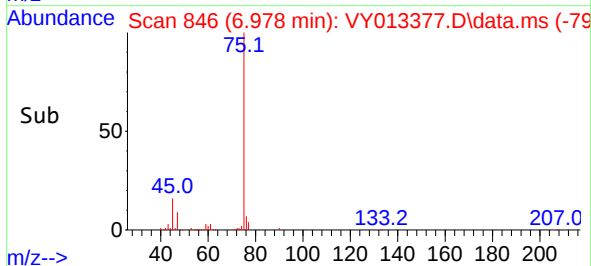
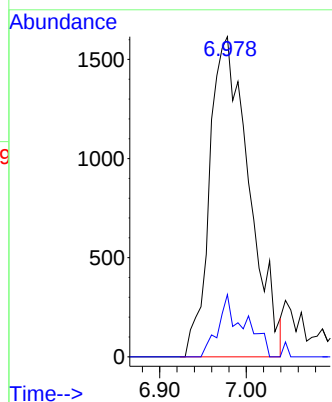


Tgt Ion: 43 Resp: 5081

Ion Ratio Lower Upper

43 100

72 19.4 21.0 31.4#



#26

2,2-Dichloropropane

Concen: 2.921 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY013377.D

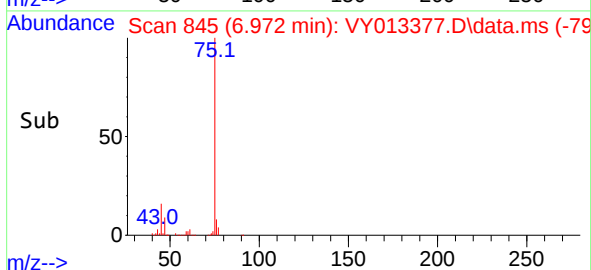
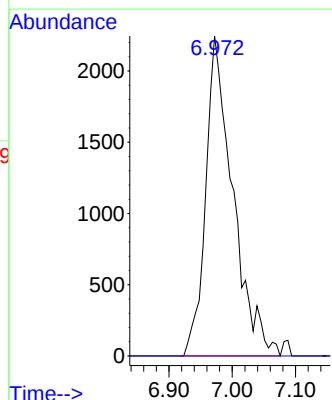
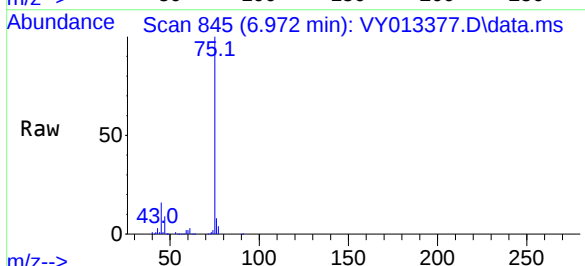
Acq: 20 Apr 2023 18:44

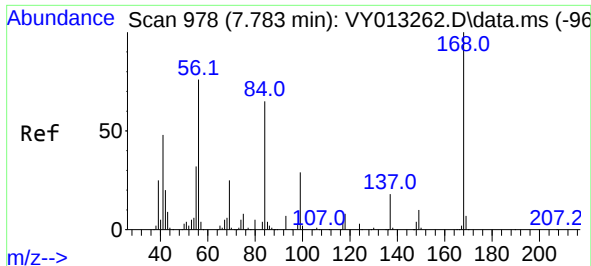
Tgt Ion: 77 Resp: 6695

Ion Ratio Lower Upper

77 100

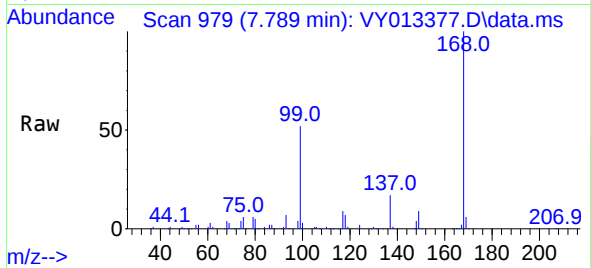
97 0.0 11.7 35.0#



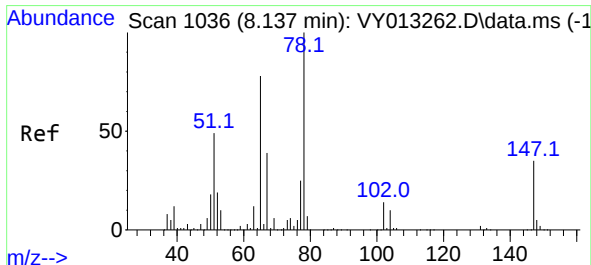
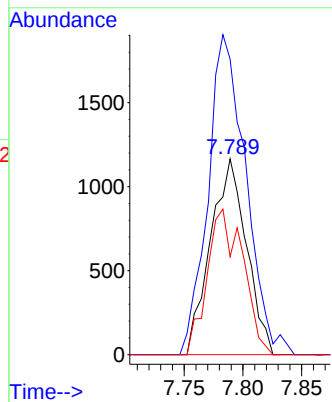
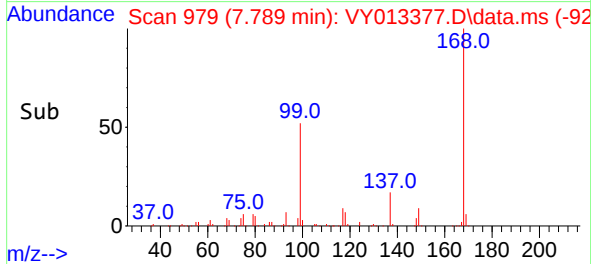


#31
Cyclohexane
Concen: 1.056 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013377.D
Acq: 20 Apr 2023 18:44

Instrument :
MSVOA_Y
ClientSampleId :

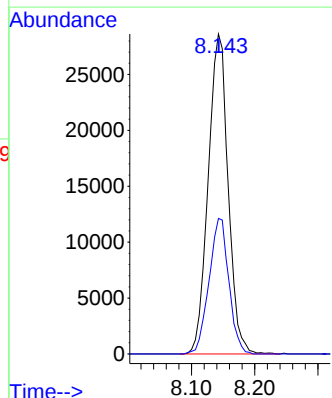
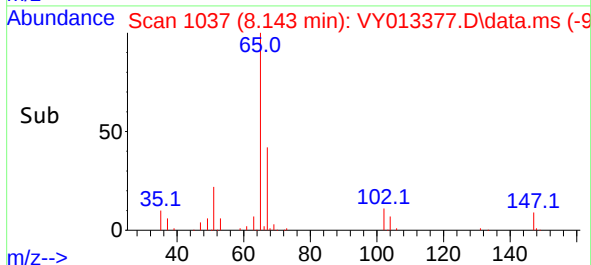
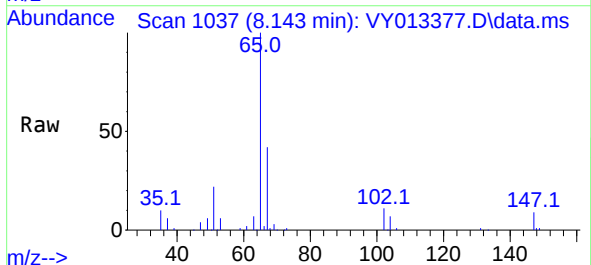


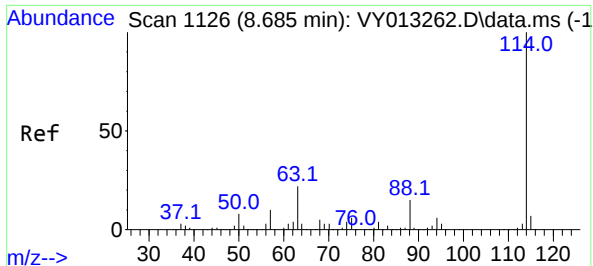
Tgt Ion: 56 Resp: 2478
Ion Ratio Lower Upper
56 100
69 150.9 25.7 38.5#
84 50.1 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 40.355 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013377.D
Acq: 20 Apr 2023 18:44

Tgt Ion: 65 Resp: 62612
Ion Ratio Lower Upper
65 100
67 42.1 0.0 104.0

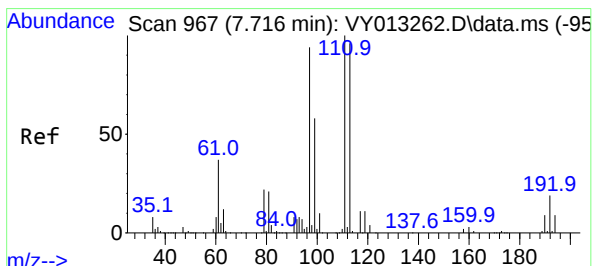
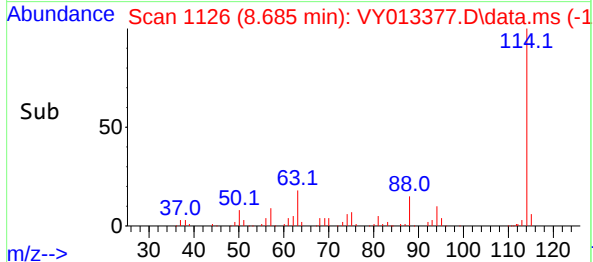
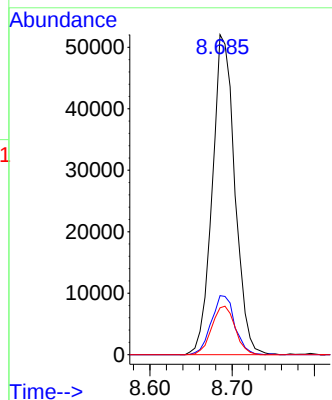
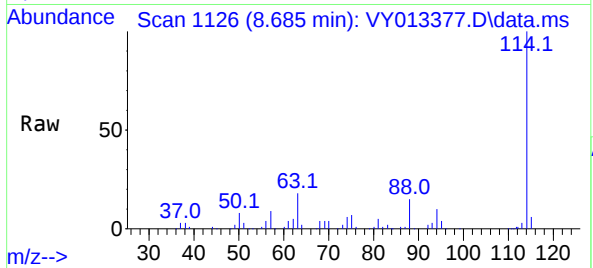




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY013377.D
Acq: 20 Apr 2023 18:44

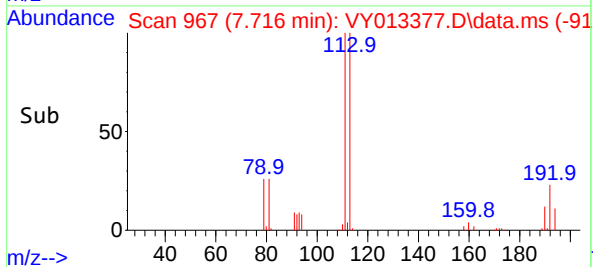
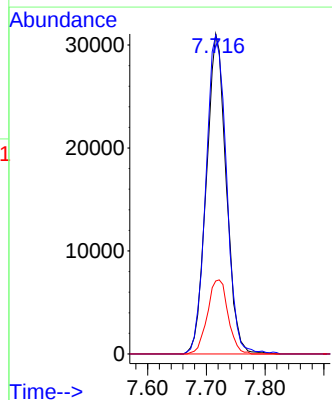
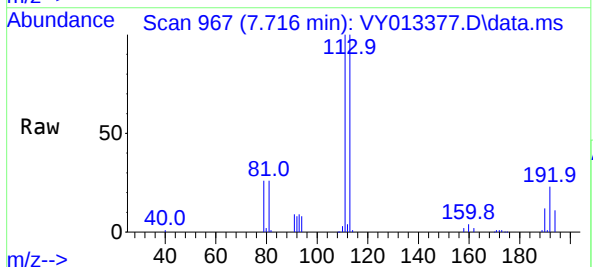
Instrument :
MSVOA_Y
ClientSampleId :

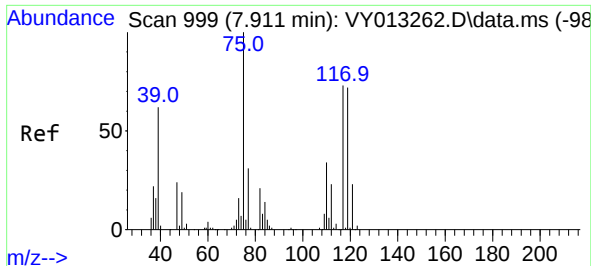
Tgt Ion:114 Resp: 98902
Ion Ratio Lower Upper
114 100
63 18.4 0.0 37.4
88 14.6 0.0 28.6



#35
Dibromofluoromethane
Concen: 113.614 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013377.D
Acq: 20 Apr 2023 18:44

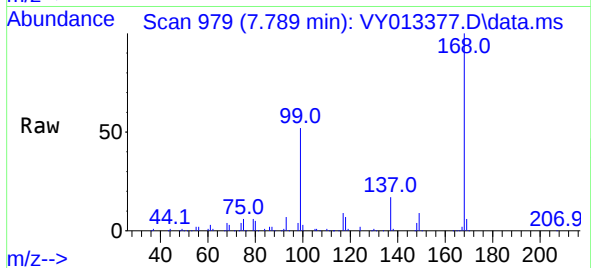
Tgt Ion:113 Resp: 72745
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 24.0 16.8 25.2





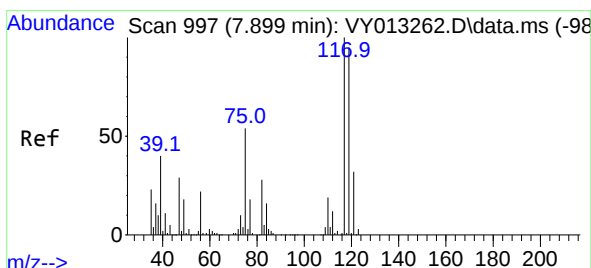
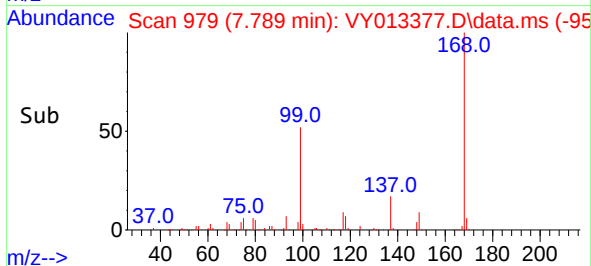
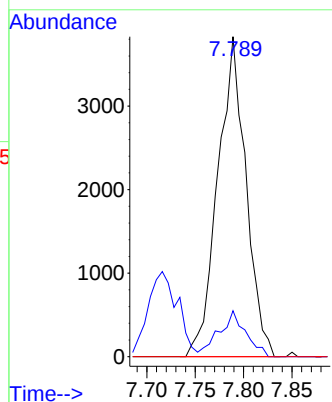
#36
 1,1-Dichloropropene
 Concen: 8.013 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.122 min
 Lab File: VY013377.D
 Acq: 20 Apr 2023 18:44

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 7773

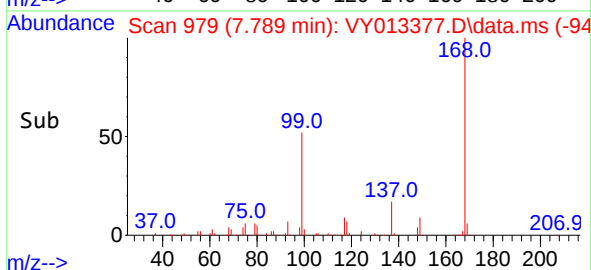
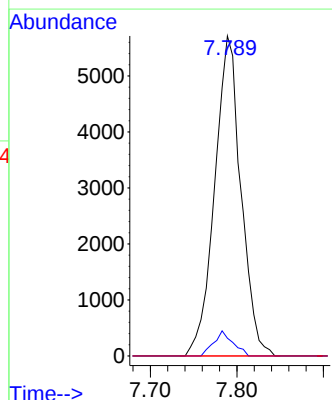
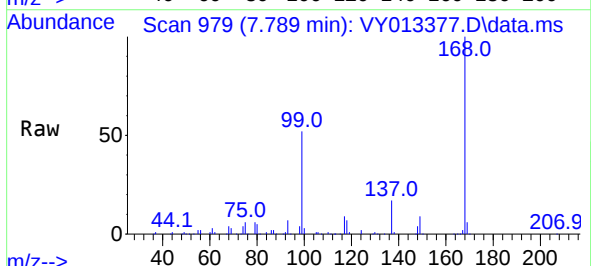
Ion	Ratio	Lower	Upper
75	100		
110	13.5	17.8	53.3#
77	0.0	25.0	37.4#

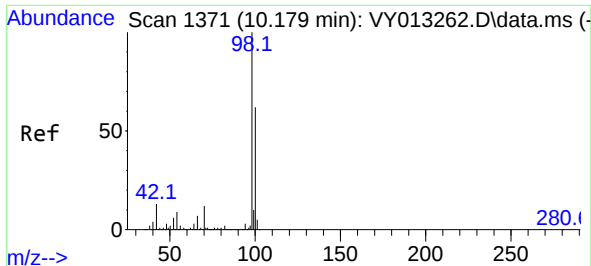


#38
 Carbon Tetrachloride
 Concen: 11.236 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY013377.D
 Acq: 20 Apr 2023 18:44

Tgt Ion: 117 Resp: 12051

Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.2	115.8#
121	0.0	24.7	37.1#

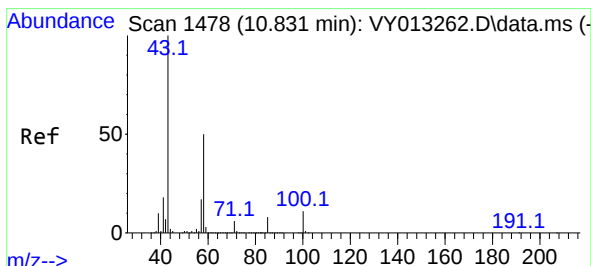
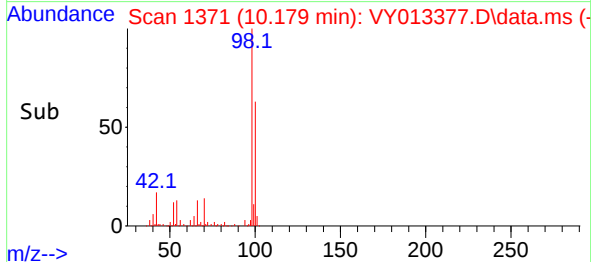
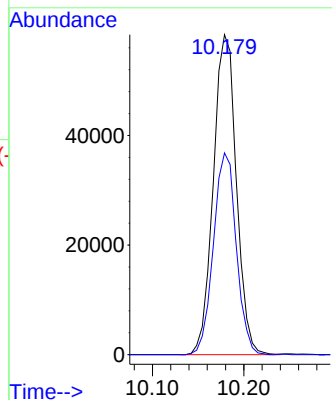
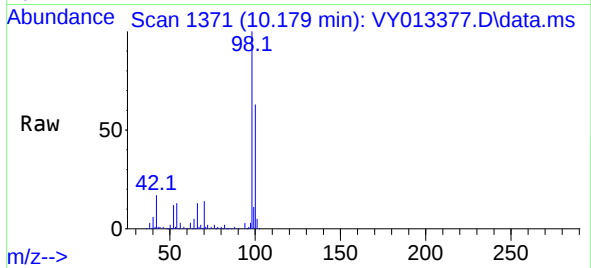




#50
Toluene-d8
Concen: 42.981 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013377.D
Acq: 20 Apr 2023 18:44

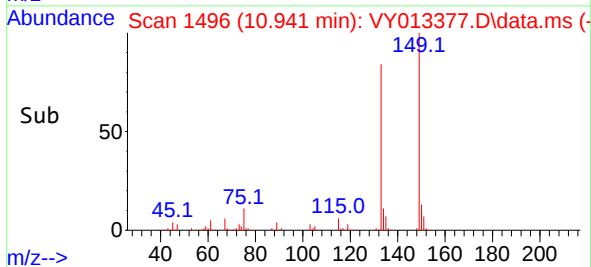
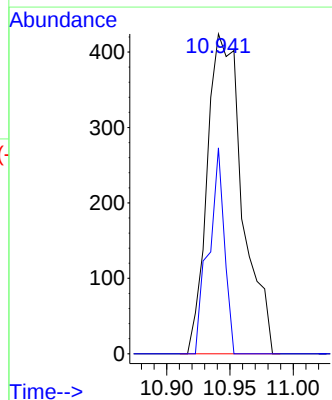
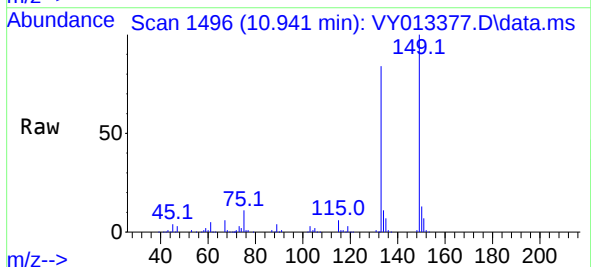
Instrument :
MSVOA_Y
ClientSampleId :

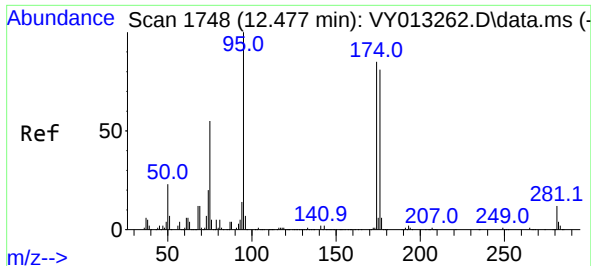
Tgt Ion: 98 Resp: 102434
Ion Ratio Lower Upper
98 100
100 62.4 50.9 76.3



#59
2-Hexanone
Concen: 1.596 ug/l
RT: 10.941 min Scan# 1496
Delta R.T. 0.110 min
Lab File: VY013377.D
Acq: 20 Apr 2023 18:44

Tgt Ion: 43 Resp: 820
Ion Ratio Lower Upper
43 100
58 28.8 25.9 77.8

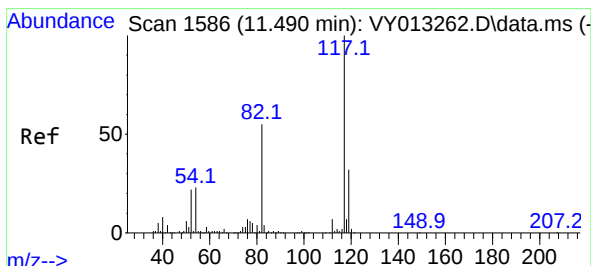
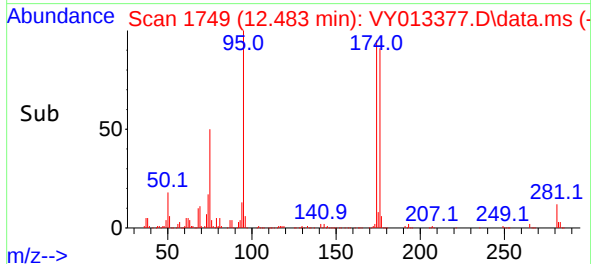
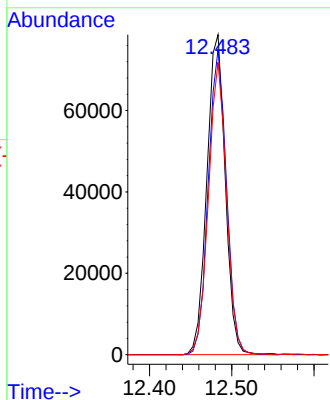
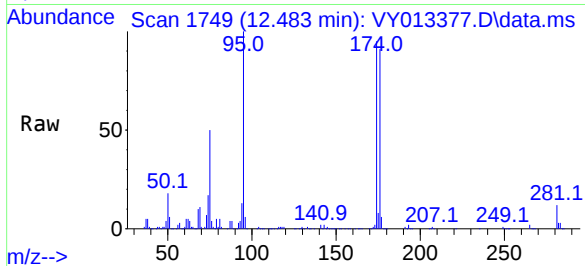




#62
4-Bromofluorobenzene
Concen: 158.038 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013377.D
Acq: 20 Apr 2023 18:44

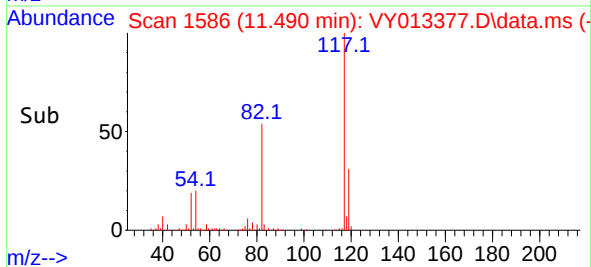
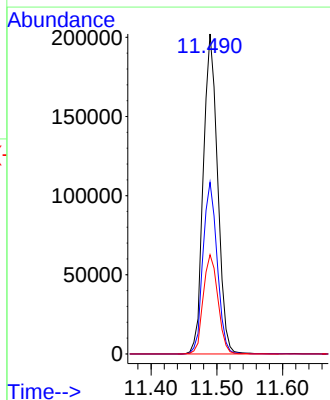
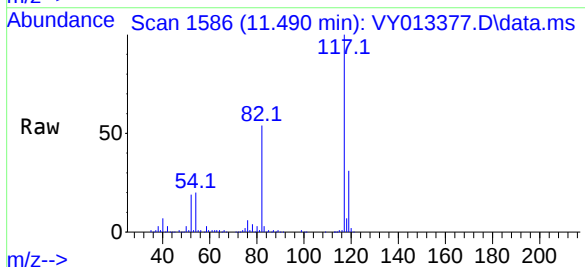
Instrument :
MSVOA_Y
ClientSampleId :

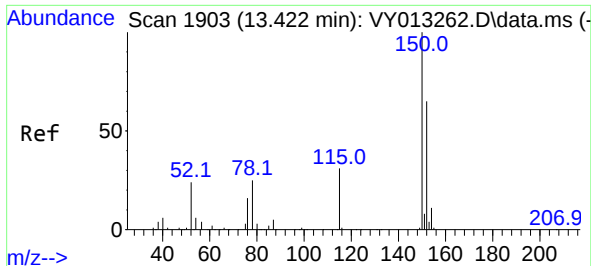
Tgt Ion: 95 Resp: 122377
Ion Ratio Lower Upper
95 100
174 94.3 0.0 176.6
176 89.6 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013377.D
Acq: 20 Apr 2023 18:44

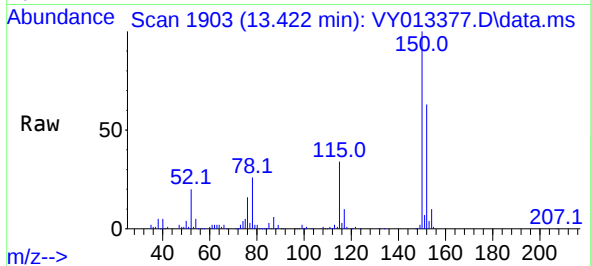
Tgt Ion: 117 Resp: 306317
Ion Ratio Lower Upper
117 100
82 53.7 45.4 68.0
119 31.0 25.6 38.4



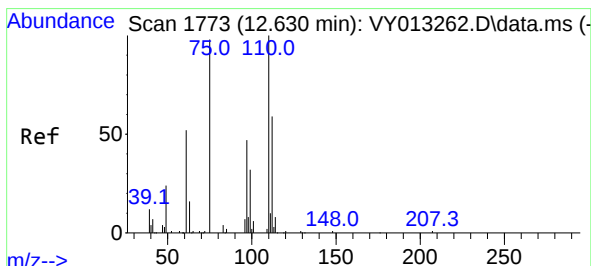
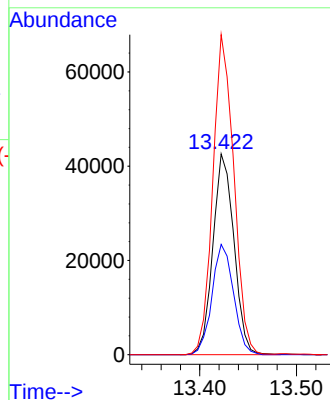
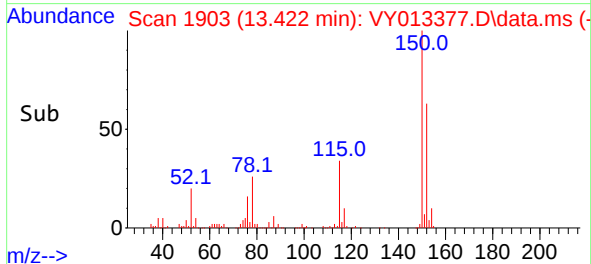


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013377.D
Acq: 20 Apr 2023 18:44

Instrument :
MSVOA_Y
ClientSampleId :

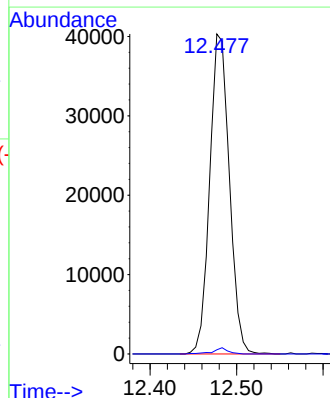
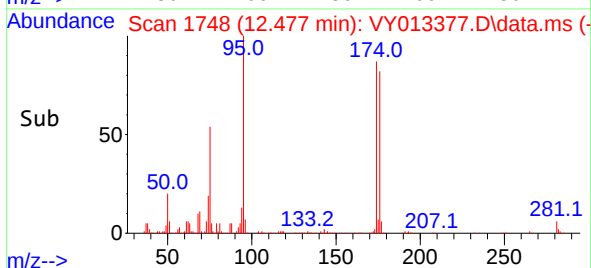
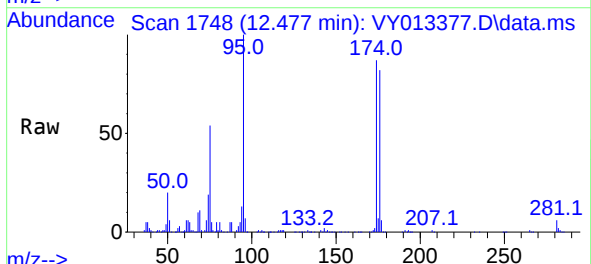


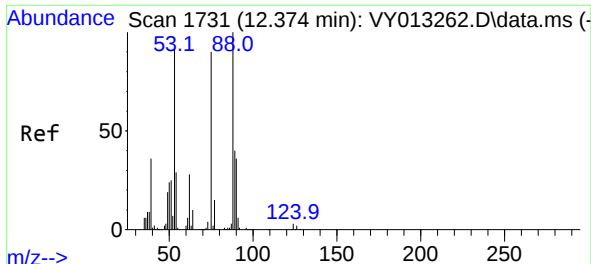
Tgt Ion:152 Resp: 64390
Ion Ratio Lower Upper
152 100
115 56.3 27.1 81.3
150 159.3 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 79.112 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013377.D
Acq: 20 Apr 2023 18:44

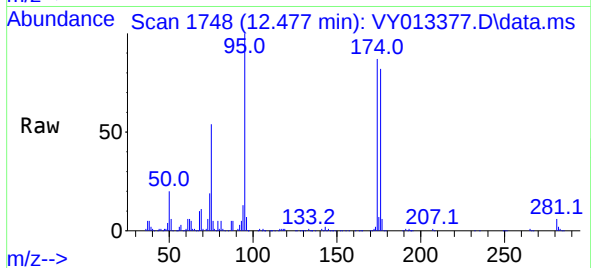
Tgt Ion: 75 Resp: 63475
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



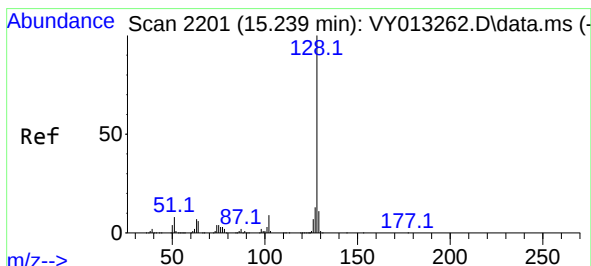
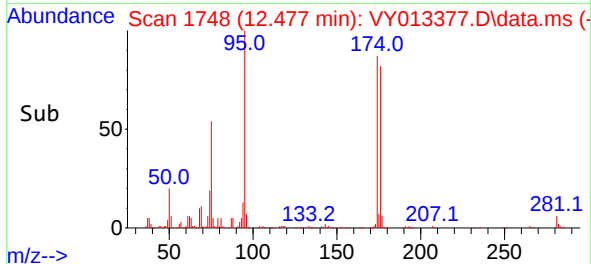
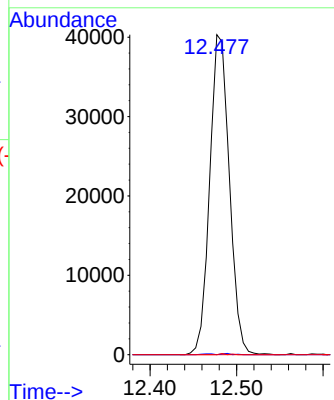


#81
trans-1,4-Dichloro-2-butene
Concen: 164.195 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY013377.D
Acq: 20 Apr 2023 18:44

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 63475
Ion Ratio Lower Upper
75 100
53 0.2 73.4 110.0#
89 0.1 36.6 55.0#



#95
Naphthalene
Concen: 3.211 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY013377.D
Acq: 20 Apr 2023 18:44

Tgt Ion:128 Resp: 19
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

