

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
 Data File : VY013376.D
 Acq On : 20 Apr 2023 18:21
 Operator : KP/MD
 Sample : 02406-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 02:16:11 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)

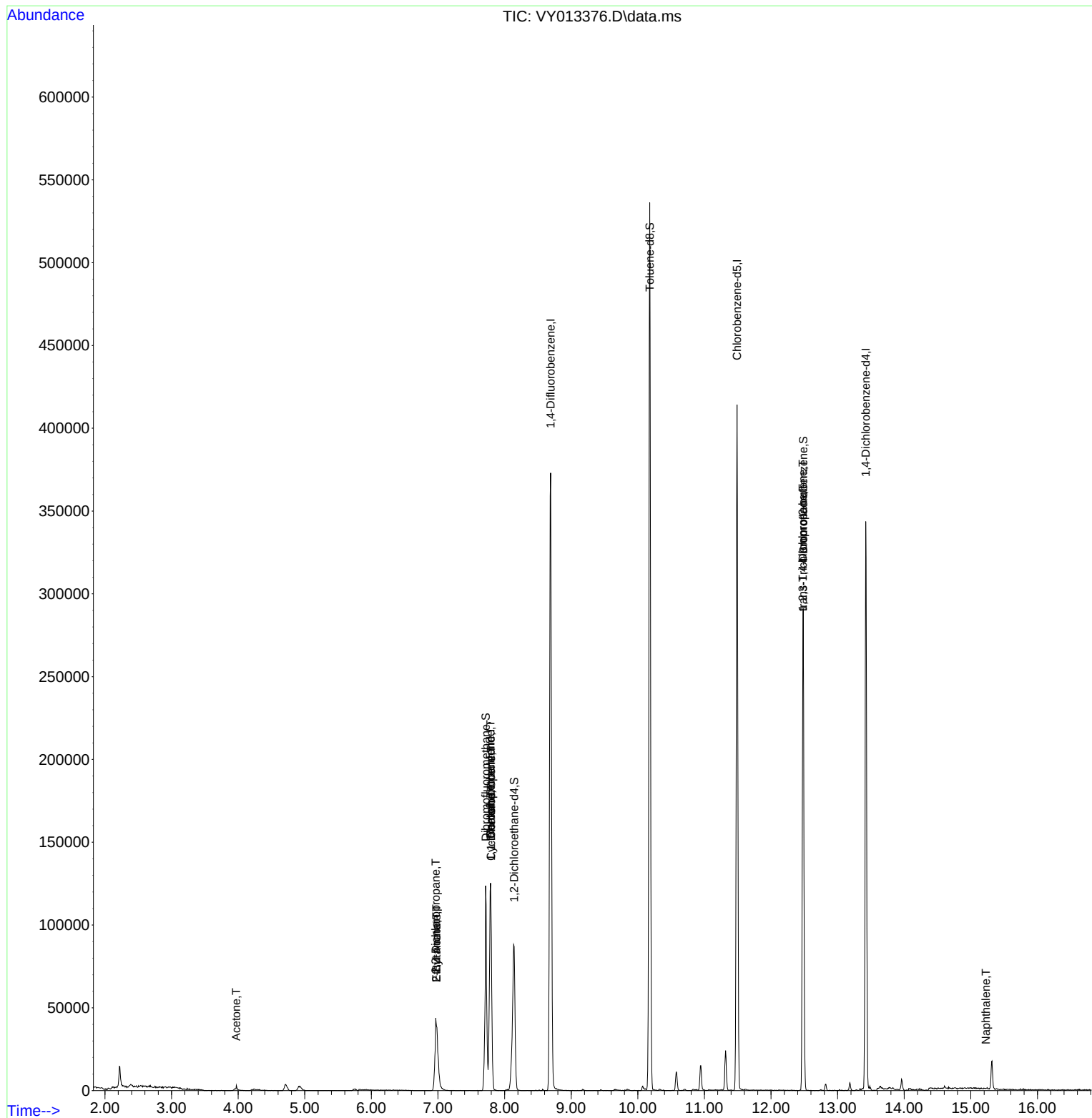
Internal Standards						
1) Pentafluorobenzene	7.789	168	94721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	315867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	223140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	75564	66.382	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 132.760%			
35) Dibromofluoromethane	7.716	113	56302	27.533	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 55.060%			
50) Toluene-d8	10.179	98	341434	44.858	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 89.720%			
62) 4-Bromofluorobenzene	12.483	95	68160	27.561	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 55.120%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.911	59	2631	Below Cal	#	74
16) Acetone	3.973	43	4296	10.976	ug/l	100
20) Methylene Chloride	4.704	84	2396	Below Cal	#	95
25) 2-Butanone	6.978	43	2571	5.130	ug/l	# 70
26) 2,2-Dichloropropane	6.966	77	3175	1.888	ug/l	# 52
31) Cyclohexane	7.795	56	1915	1.113	ug/l	# 1
36) 1,1-Dichloropropene	7.795	75	6142	1.983	ug/l	# 54
37) Ethyl Acetate	6.978	43	2571	1.030	ug/l	# 1
38) Carbon Tetrachloride	7.789	117	10255	2.994	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	42709	38.191	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	42709	79.266	ug/l	# 13
95) Naphthalene	15.227	128	218	3.256	ug/l	# 69

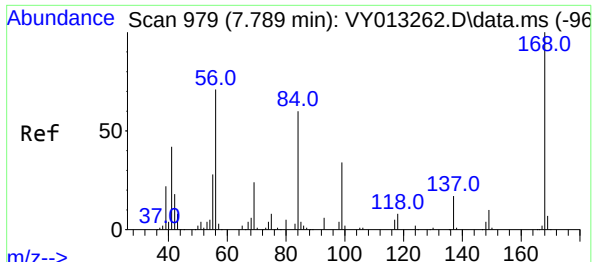
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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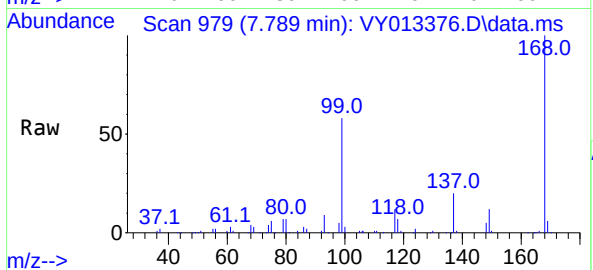
Quant Time: Apr 21 02:16:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
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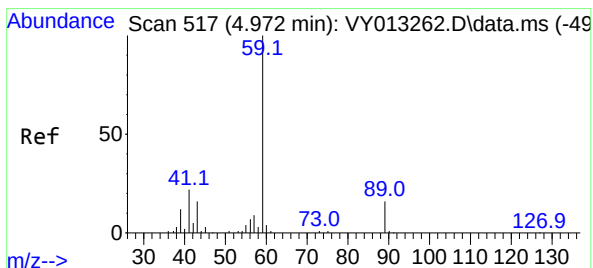
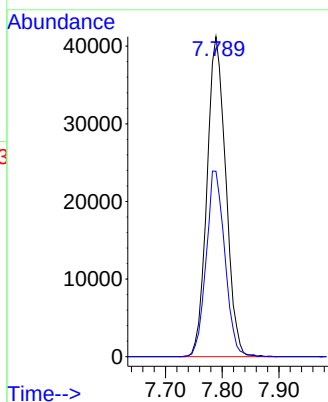
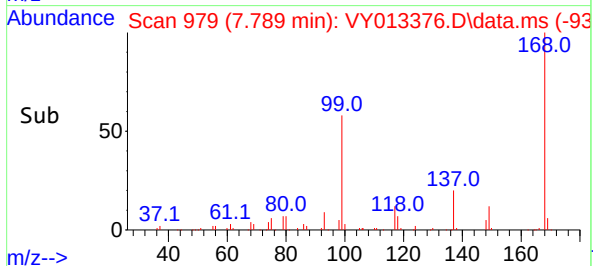


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013376.D
Acq: 20 Apr 2023 18:21

Instrument :
MSVOA_Y
ClientSampleId :

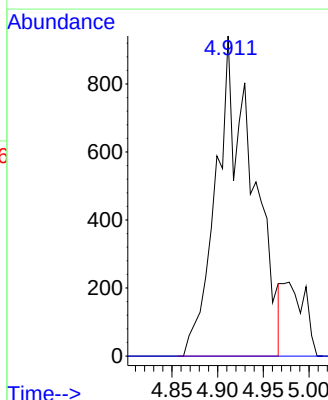
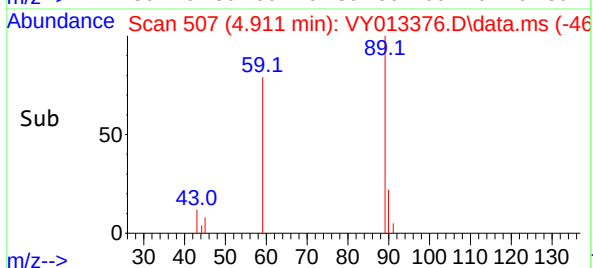
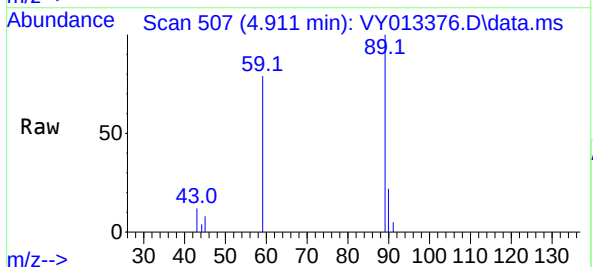


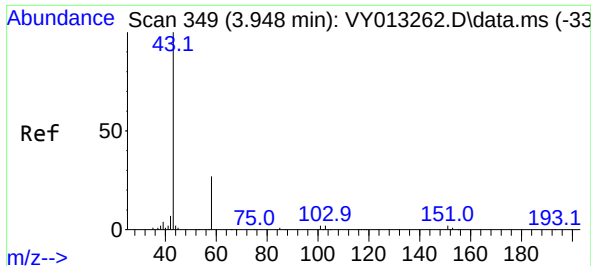
Tgt Ion:168 Resp: 94721
Ion Ratio Lower Upper
168 100
99 58.0 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.911 min Scan# 507
Delta R.T. -0.061 min
Lab File: VY013376.D
Acq: 20 Apr 2023 18:21

Tgt Ion: 59 Resp: 2631
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

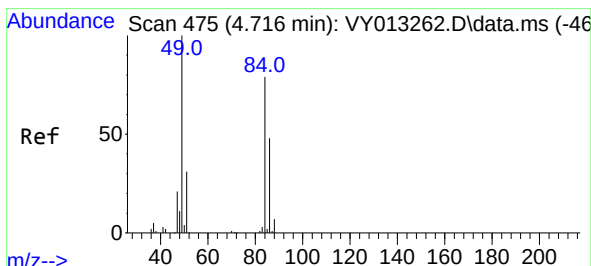
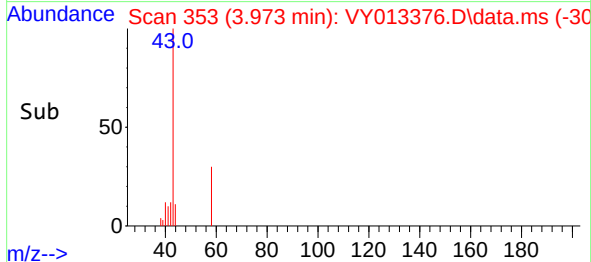
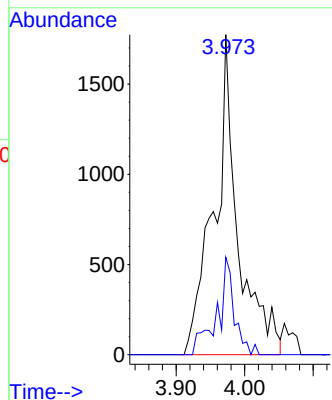
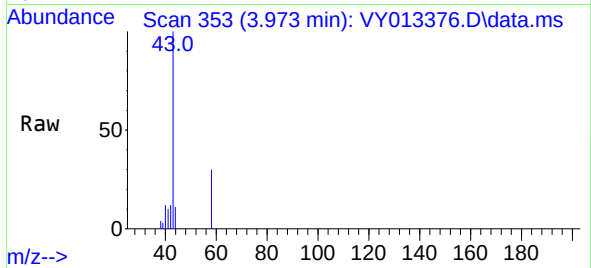




#16
Acetone
Concen: 10.976 ug/l
RT: 3.973 min Scan# 31
Delta R.T. 0.024 min
Lab File: VY013376.D
Acq: 20 Apr 2023 18:21

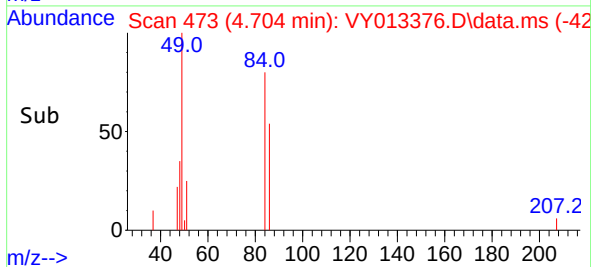
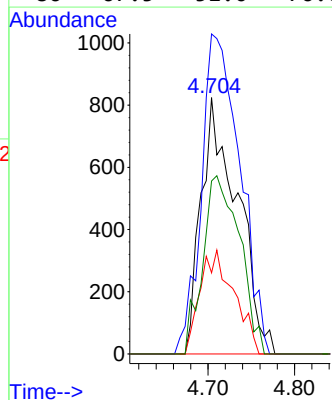
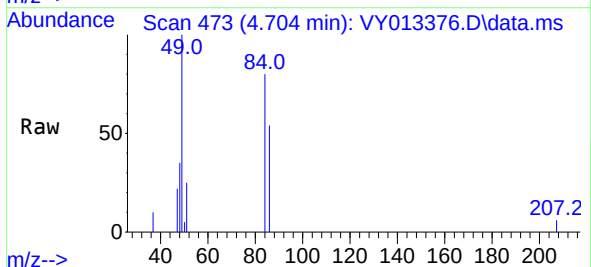
Instrument :
MSVOA_Y
ClientSampleId :

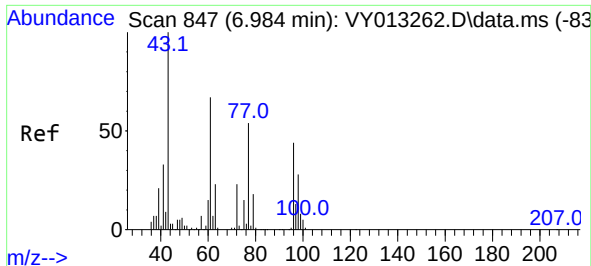
Tgt Ion: 43 Resp: 4296
Ion Ratio Lower Upper
43 100
58 30.4 24.2 36.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY013376.D
Acq: 20 Apr 2023 18:21

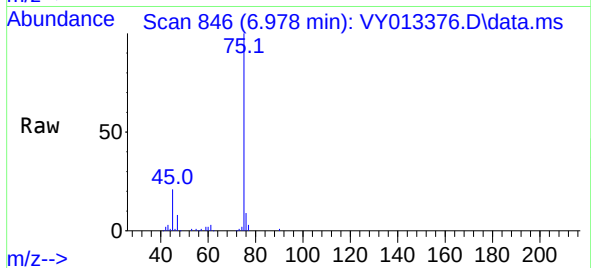
Tgt Ion: 84 Resp: 2396
Ion Ratio Lower Upper
84 100
49 124.9 102.6 154.0
51 31.7 31.9 47.9#
86 67.5 51.0 76.6



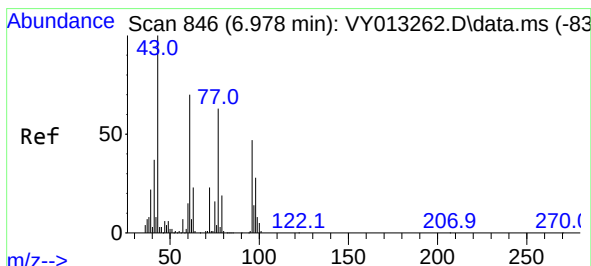
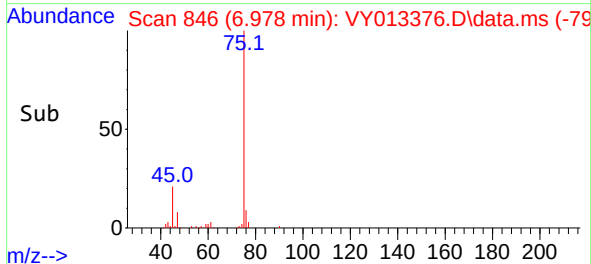
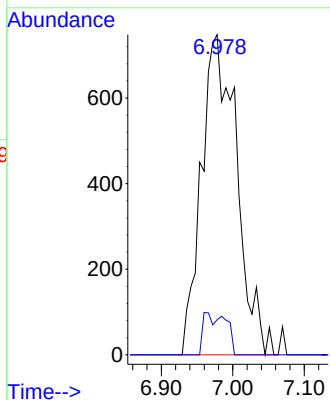


#25
2-Butanone
Concen: 5.130 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY013376.D
Acq: 20 Apr 2023 18:21

Instrument :
MSVOA_Y
ClientSampleId :

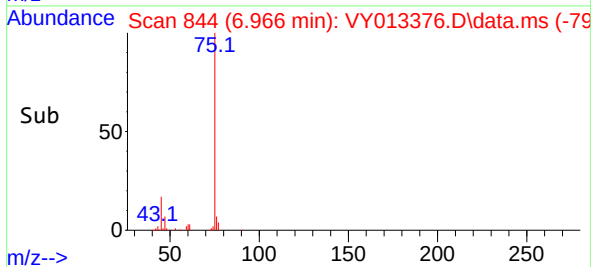
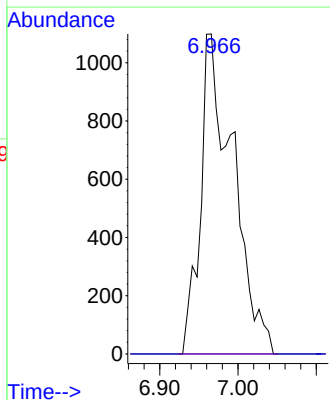
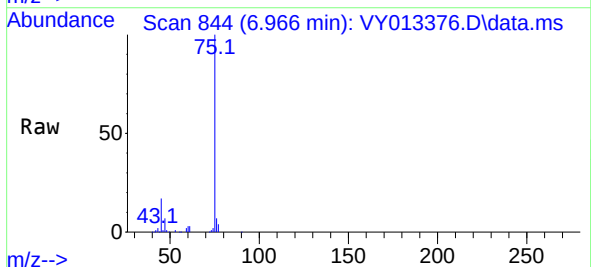


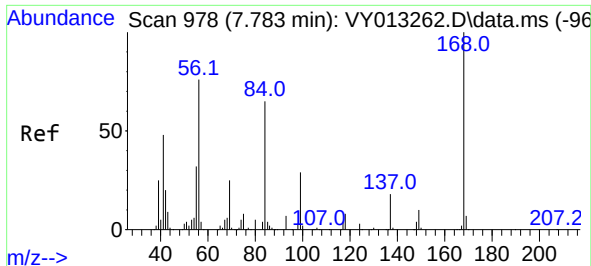
Tgt Ion: 43 Resp: 2571
Ion Ratio Lower Upper
43 100
72 11.0 21.0 31.4#



#26
2,2-Dichloropropane
Concen: 1.888 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY013376.D
Acq: 20 Apr 2023 18:21

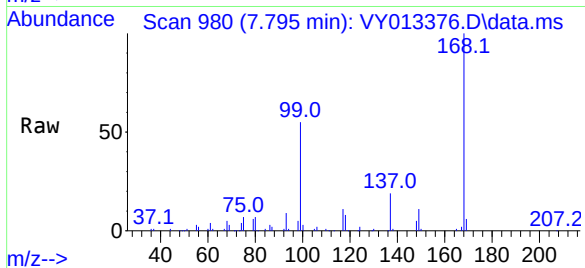
Tgt Ion: 77 Resp: 3175
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.0#



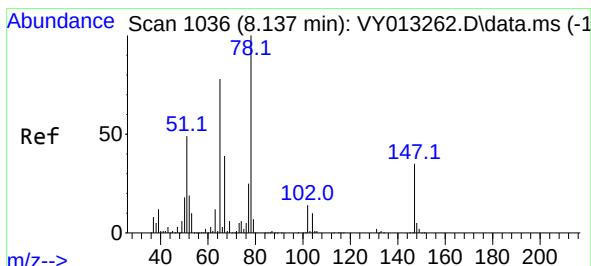
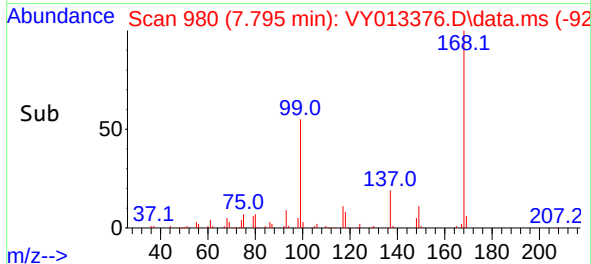
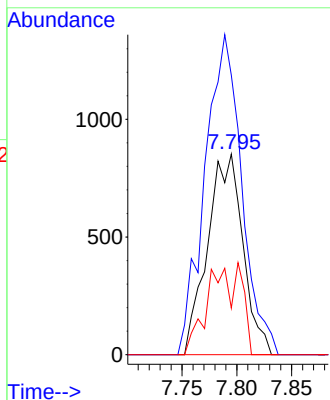


#31
Cyclohexane
Concen: 1.113 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY013376.D
Acq: 20 Apr 2023 18:21

Instrument :
MSVOA_Y
ClientSampleId :

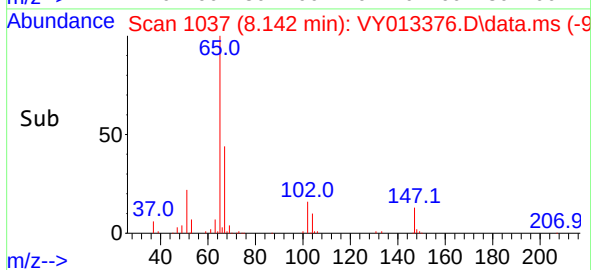
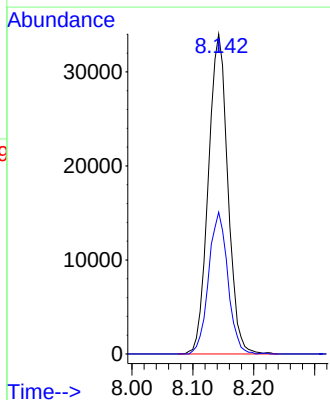
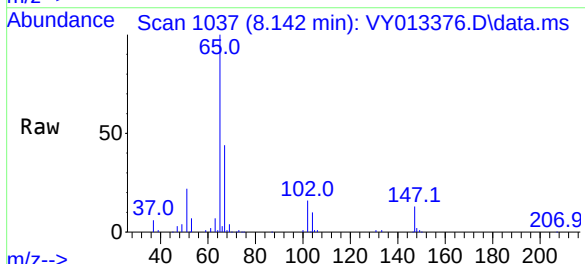


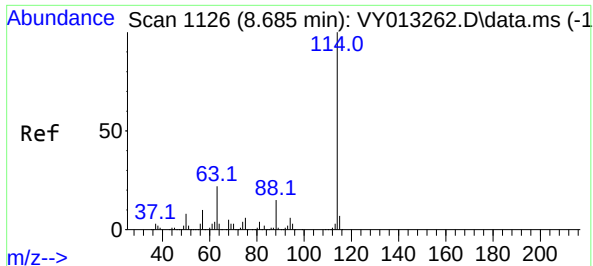
Tgt Ion: 56 Resp: 1915
Ion Ratio Lower Upper
56 100
69 139.3 25.7 38.5#
84 23.2 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 66.382 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013376.D
Acq: 20 Apr 2023 18:21

Tgt Ion: 65 Resp: 75564
Ion Ratio Lower Upper
65 100
67 43.6 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY013376.D

Acq: 20 Apr 2023 18:21

Instrument :

MSVOA_Y

ClientSampleId :

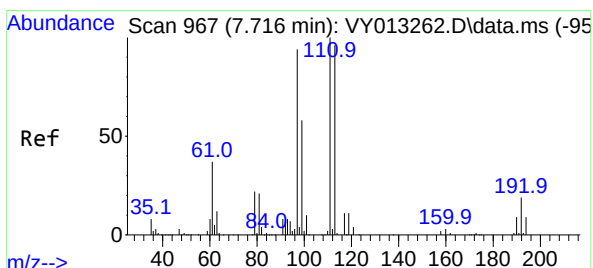
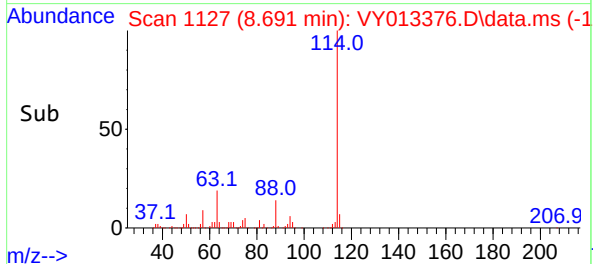
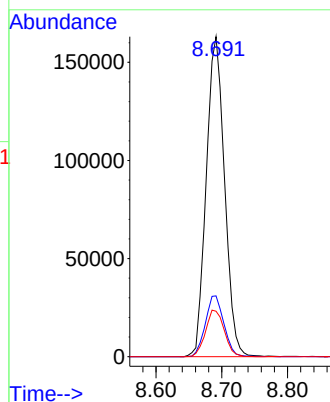
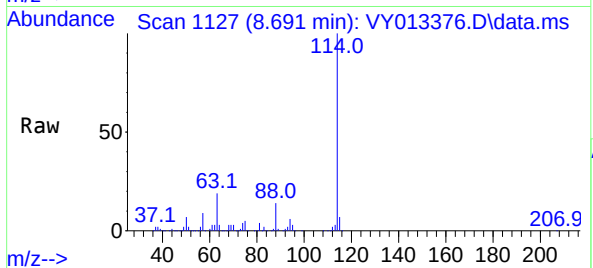
Tgt Ion:114 Resp: 315867

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

88 14.2 0.0 28.6



#35

Dibromofluoromethane

Concen: 27.533 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013376.D

Acq: 20 Apr 2023 18:21

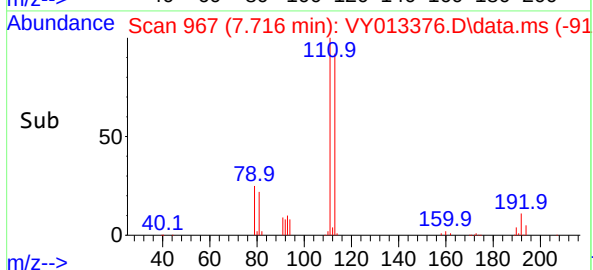
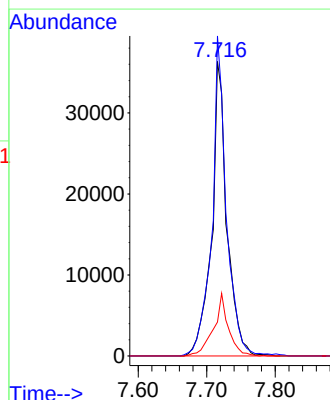
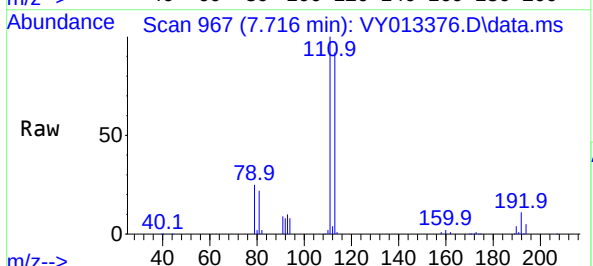
Tgt Ion:113 Resp: 56302

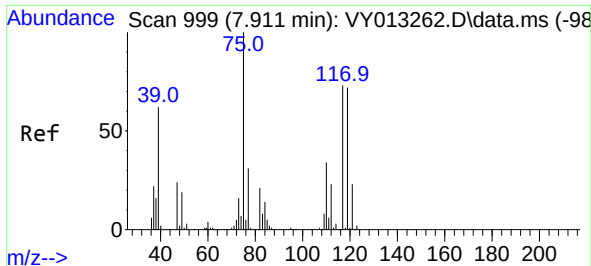
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.2

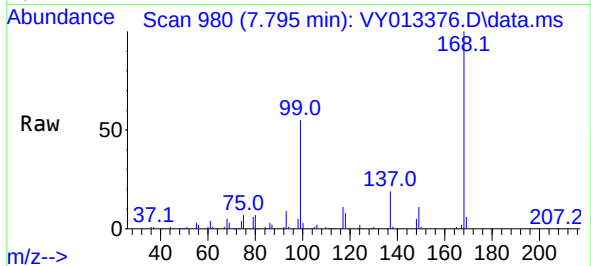
192 20.6 16.8 25.2



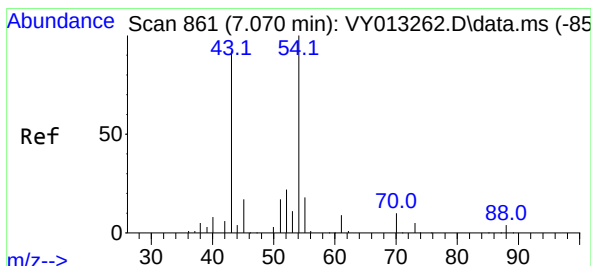
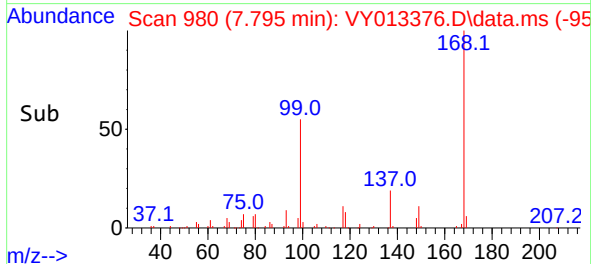
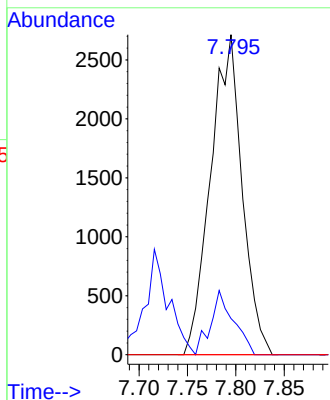


#36
1,1-Dichloropropene
Concen: 1.983 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013376.D
Acq: 20 Apr 2023 18:21

Instrument :
MSVOA_Y
ClientSampleId :

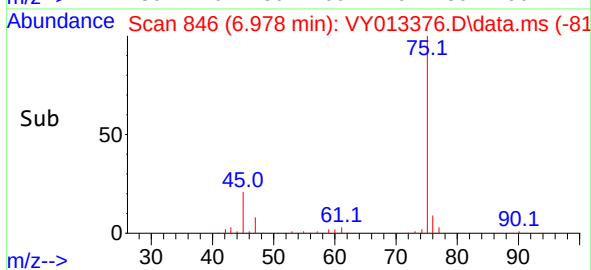
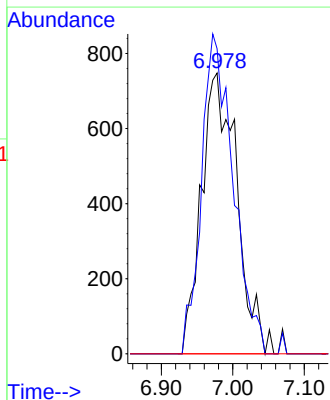
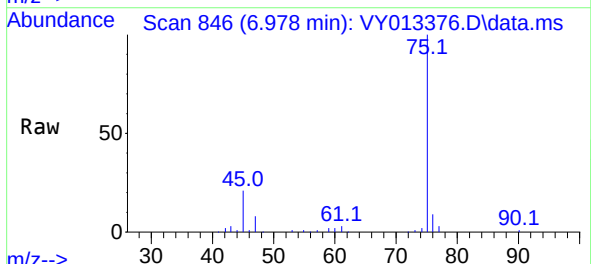


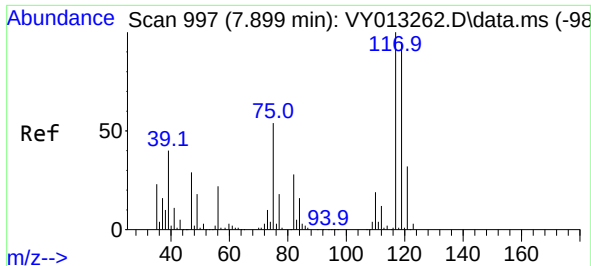
Tgt Ion: 75 Resp: 6142
Ion Ratio Lower Upper
75 100
110 14.6 17.8 53.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.030 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.092 min
Lab File: VY013376.D
Acq: 20 Apr 2023 18:21

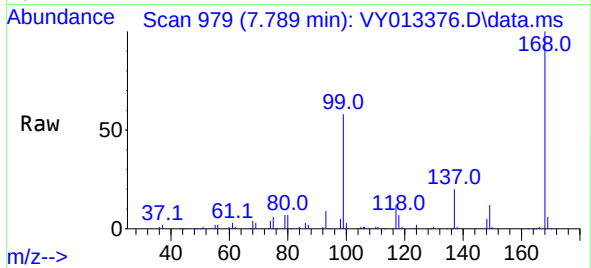
Tgt Ion: 43 Resp: 2571
Ion Ratio Lower Upper
43 100
61 101.9 10.7 16.1#
70 0.0 7.8 11.8#



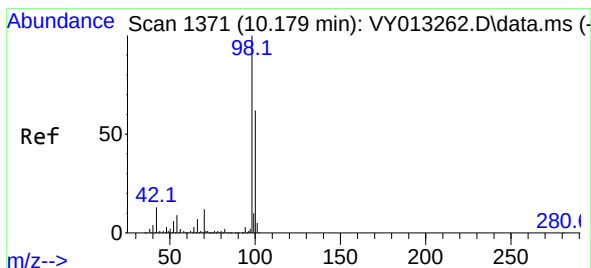
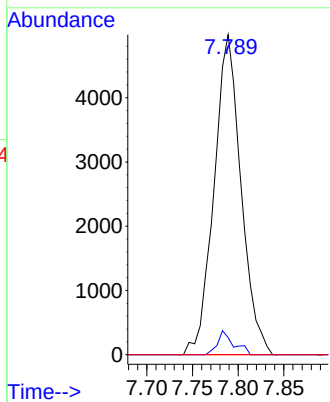
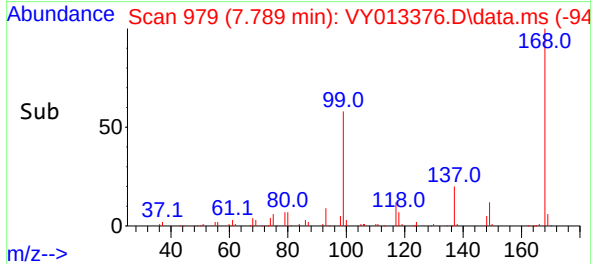


#38
Carbon Tetrachloride
Concen: 2.994 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013376.D
Acq: 20 Apr 2023 18:21

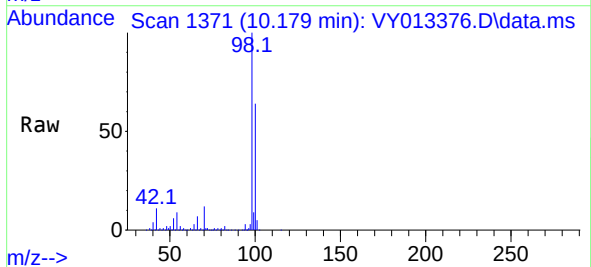
Instrument :
MSVOA_Y
ClientSampleId :



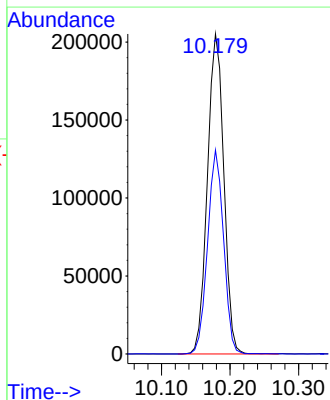
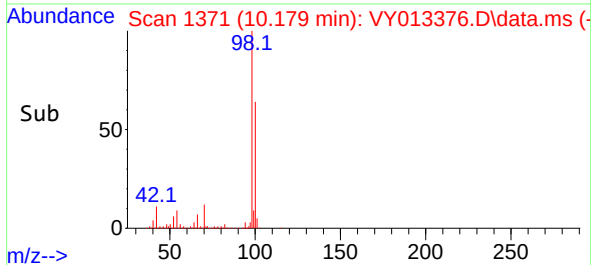
Tgt Ion:117 Resp: 10255
Ion Ratio Lower Upper
117 100
119 5.4 77.2 115.8#
121 0.0 24.7 37.1#

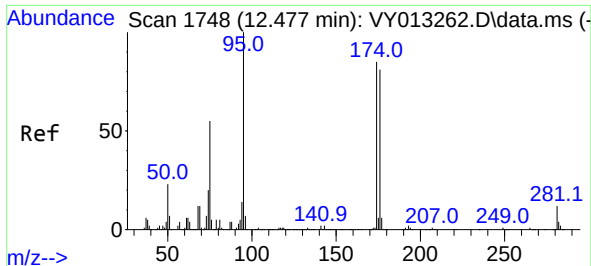


#50
Toluene-d8
Concen: 44.858 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013376.D
Acq: 20 Apr 2023 18:21



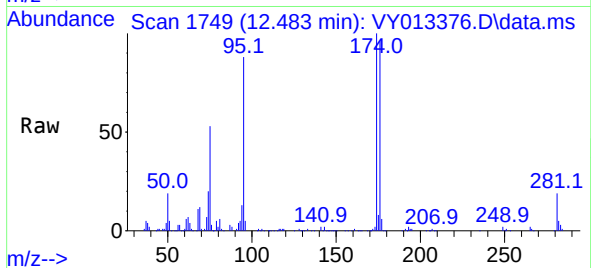
Tgt Ion: 98 Resp: 341434
Ion Ratio Lower Upper
98 100
100 62.1 50.9 76.3



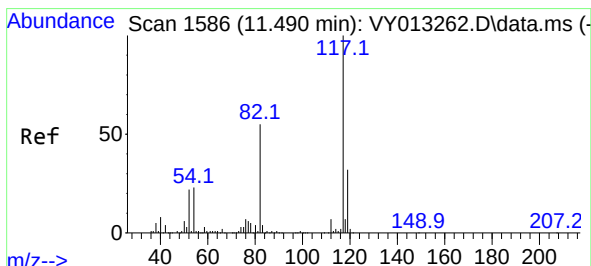
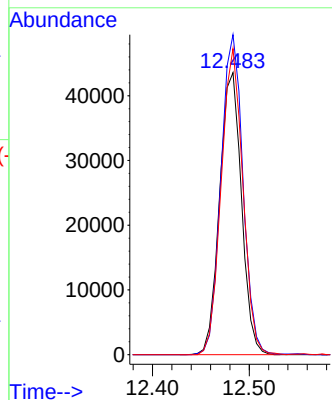
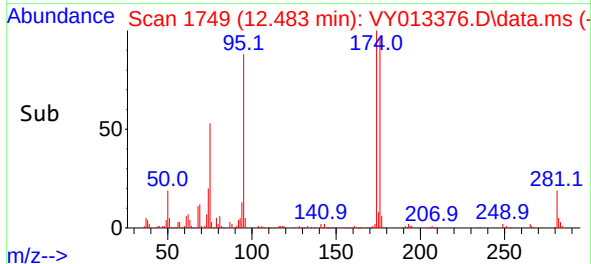


#62
4-Bromofluorobenzene
Concen: 27.561 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013376.D
Acq: 20 Apr 2023 18:21

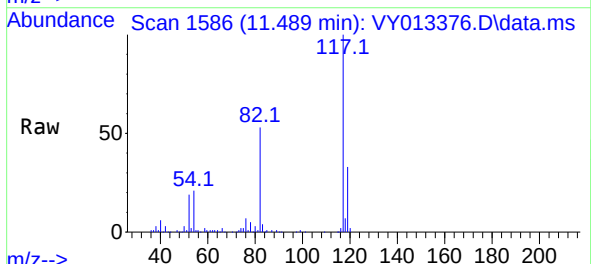
Instrument :
MSVOA_Y
ClientSampleId :



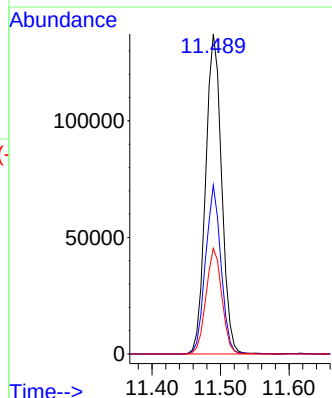
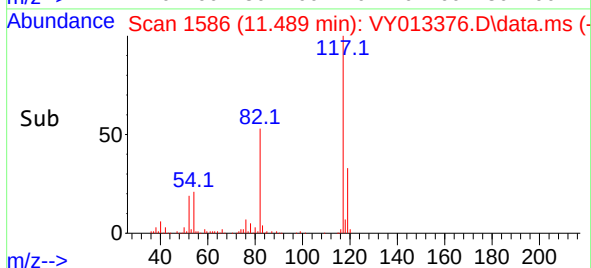
Tgt Ion: 95 Resp: 68160
Ion Ratio Lower Upper
95 100
174 114.3 0.0 176.6
176 107.5 0.0 170.2

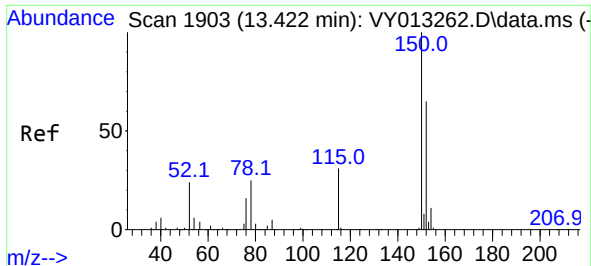


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013376.D
Acq: 20 Apr 2023 18:21



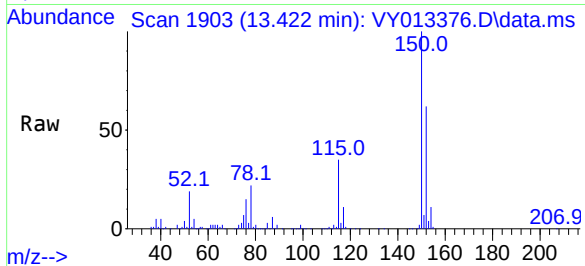
Tgt Ion: 117 Resp: 223140
Ion Ratio Lower Upper
117 100
82 52.7 45.4 68.0
119 33.0 25.6 38.4



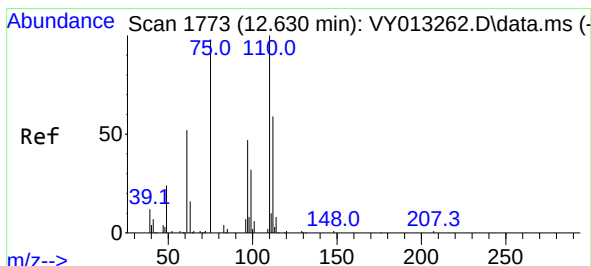
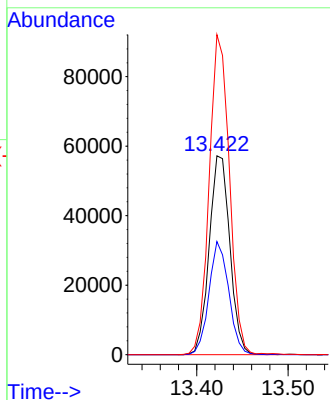
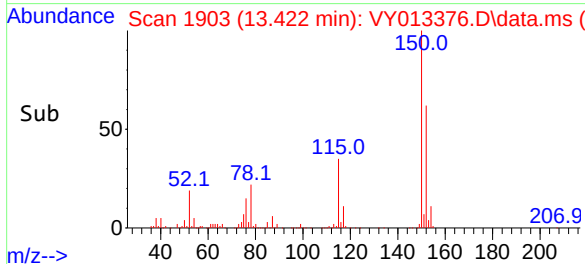


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013376.D
Acq: 20 Apr 2023 18:21

Instrument :
MSVOA_Y
ClientSampleId :

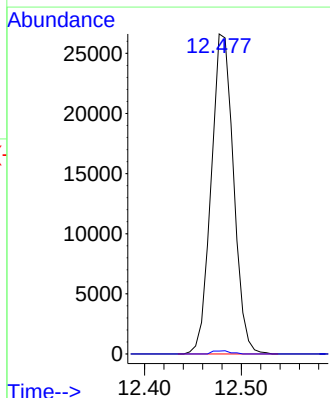
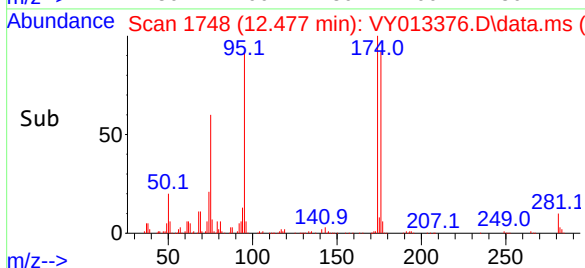
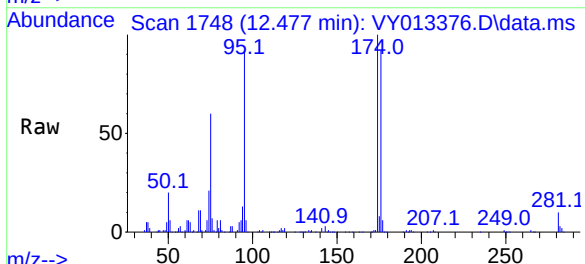


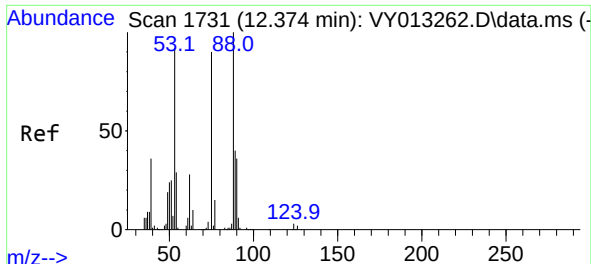
Tgt Ion:152 Resp: 89745
Ion Ratio Lower Upper
152 100
115 54.6 27.1 81.3
150 157.7 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 38.191 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY013376.D
Acq: 20 Apr 2023 18:21

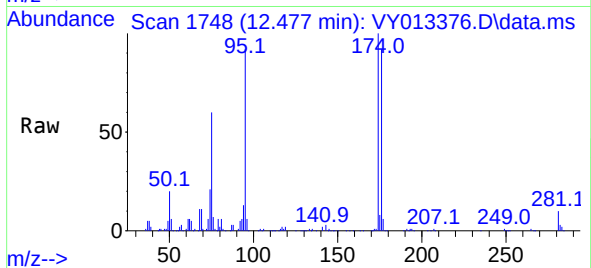
Tgt Ion: 75 Resp: 42709
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



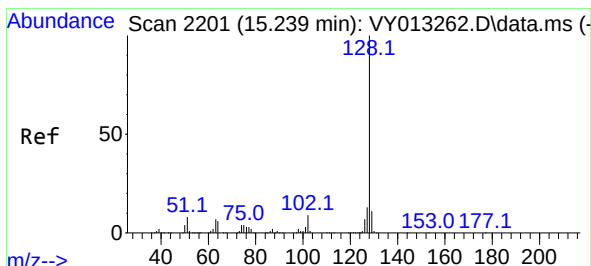
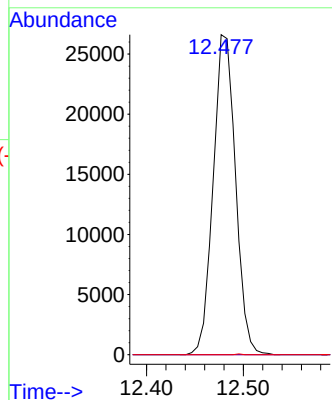
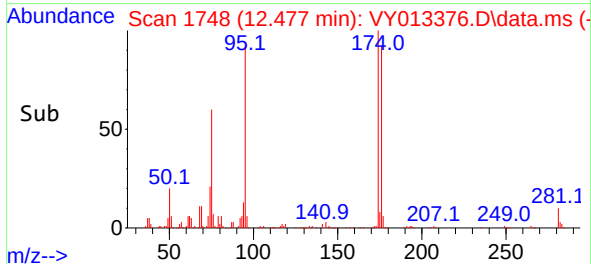


#81
trans-1,4-Dichloro-2-butene
Concen: 79.266 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY013376.D
Acq: 20 Apr 2023 18:21

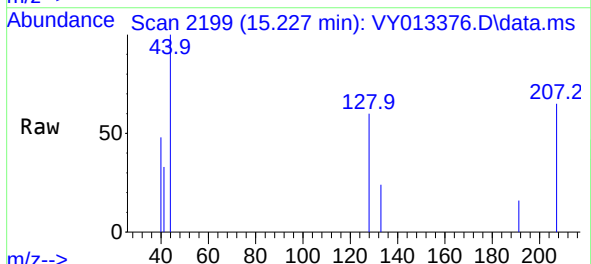
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 42709
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.1 36.6 55.0#



#95
Naphthalene
Concen: 3.256 ug/l
RT: 15.227 min Scan# 2199
Delta R.T. -0.012 min
Lab File: VY013376.D
Acq: 20 Apr 2023 18:21



Tgt Ion: 128 Resp: 218
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

