

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
 Data File : VY013374.D
 Acq On : 20 Apr 2023 17:34
 Operator : KP/MD
 Sample : 02393-01RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 02:15:57 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)

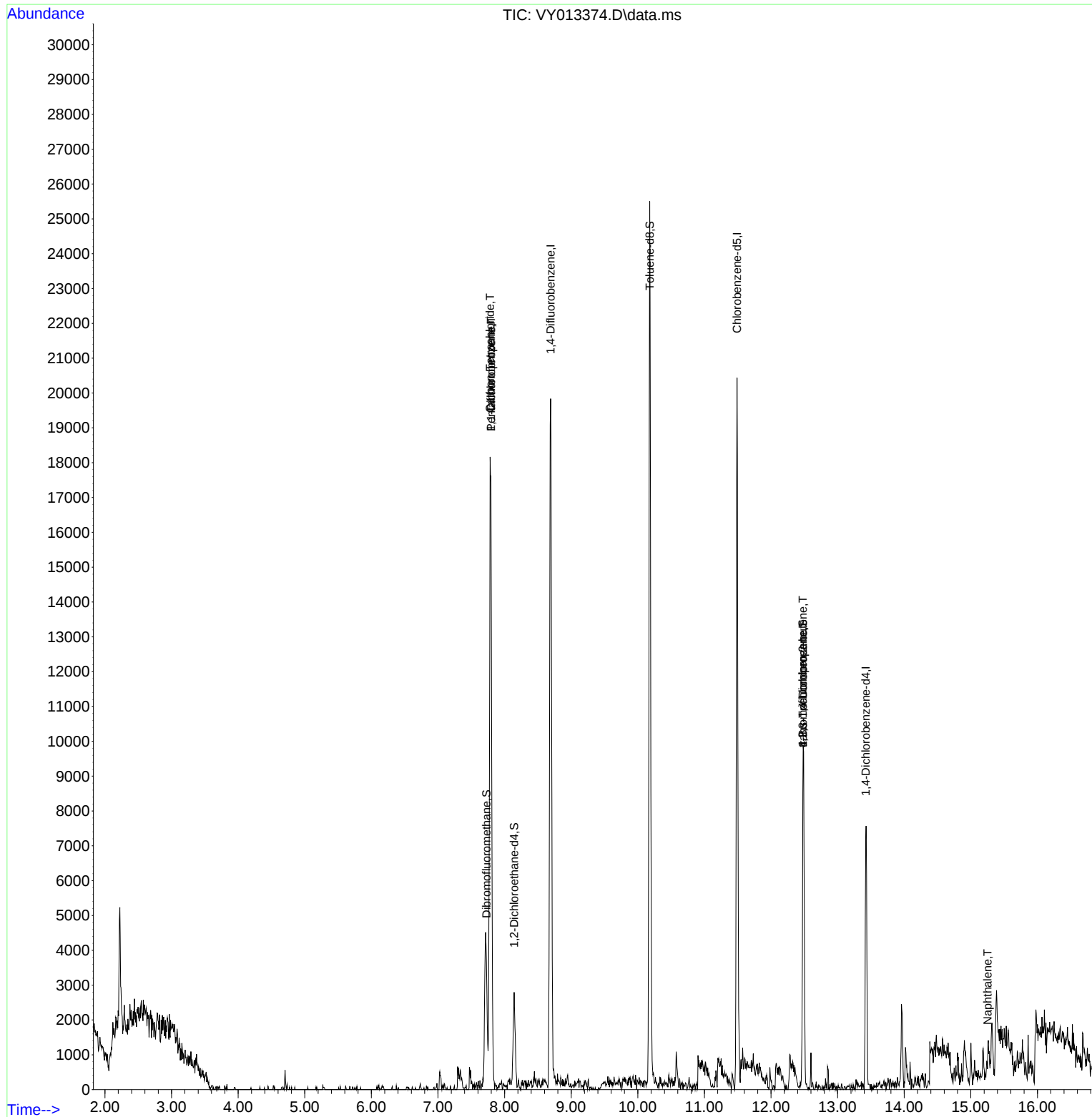
Internal Standards						
1) Pentafluorobenzene	7.795	168	15339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	18198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	11124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2383	12.927	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	25.860%#
35) Dibromofluoromethane	7.728	113	3014	25.583	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	51.160%#
50) Toluene-d8	10.179	98	17106	39.009	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.020%
62) 4-Bromofluorobenzene	12.477	95	2168	15.216	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	30.440%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.734	84	41	Below Cal	#	52
36) 1,1-Dichloropropene	7.795	75	1199	6.718	ug/l #	46
38) Carbon Tetrachloride	7.783	117	1399	7.089	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	1366	47.621	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	1366	98.837	ug/l #	13
95) Naphthalene	15.251	128	48	3.649	ug/l #	69

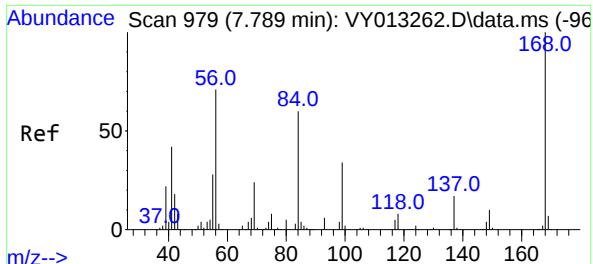
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
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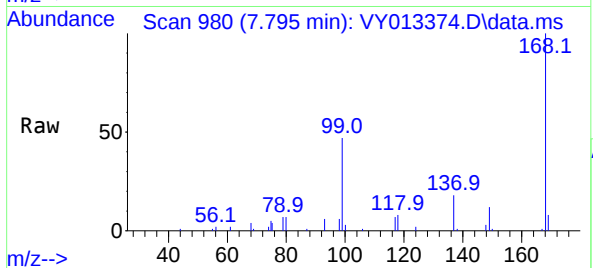
Quant Time: Apr 21 02:15:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration



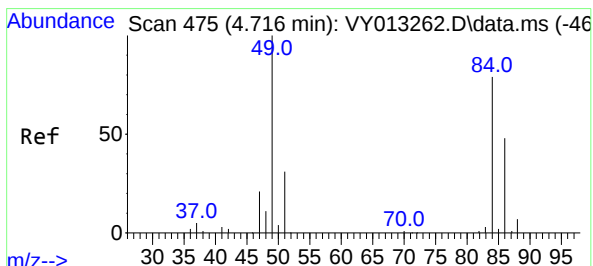
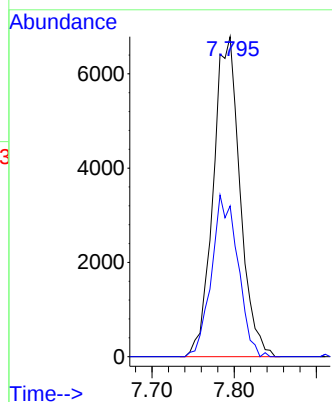
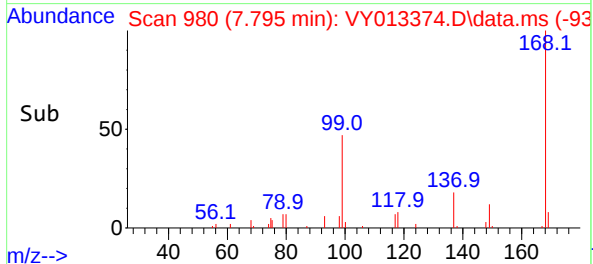


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013374.D
Acq: 20 Apr 2023 17:34

Instrument :
MSVOA_Y
ClientSampleId :

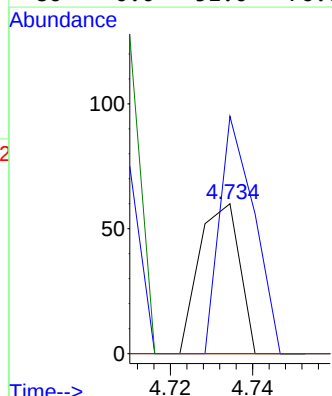
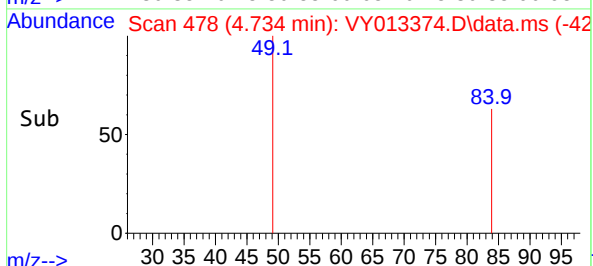
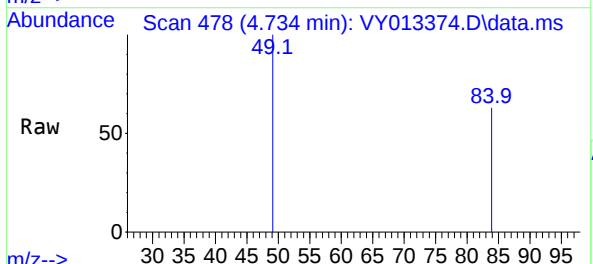


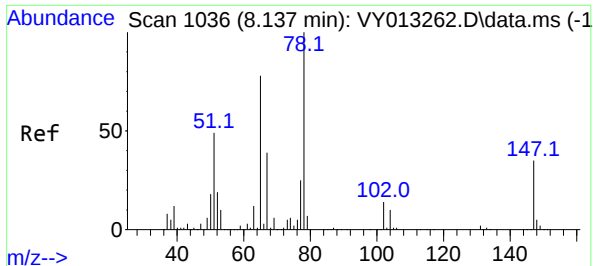
Tgt Ion:168 Resp: 15339
Ion Ratio Lower Upper
168 100
99 47.1 41.7 62.5



#20
Methylene Chloride
Concen: Below Cal
RT: 4.734 min Scan# 478
Delta R.T. 0.018 min
Lab File: VY013374.D
Acq: 20 Apr 2023 17:34

Tgt Ion: 84 Resp: 41
Ion Ratio Lower Upper
84 100
49 158.3 102.6 154.0#
51 0.0 31.9 47.9#
86 0.0 51.0 76.6#





#33

1,2-Dichloroethane-d4

Concen: 12.927 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY013374.D

Acq: 20 Apr 2023 17:34

Instrument :

MSVOA_Y

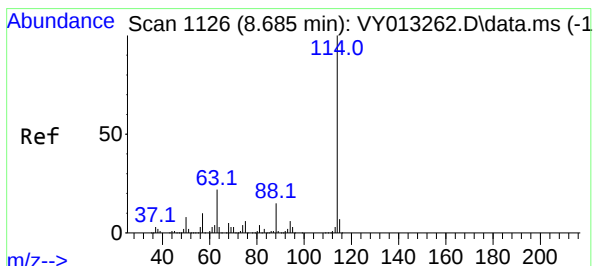
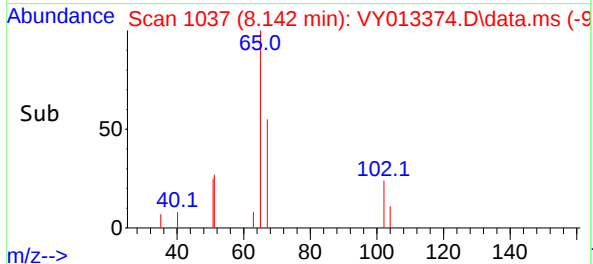
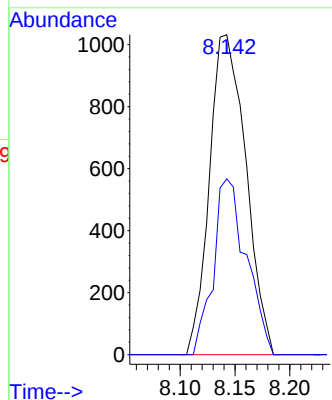
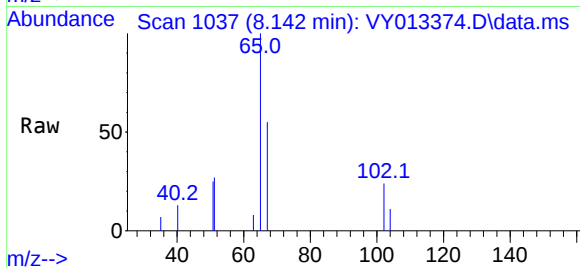
ClientSampleId :

Tgt Ion: 65 Resp: 2383

Ion Ratio Lower Upper

65 100

67 49.8 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013374.D

Acq: 20 Apr 2023 17:34

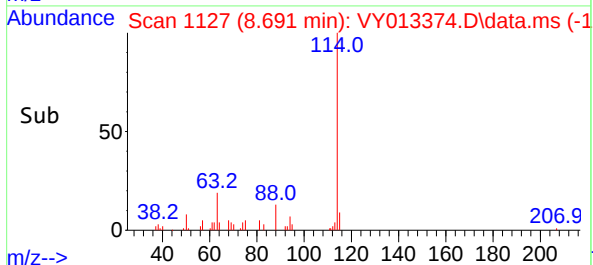
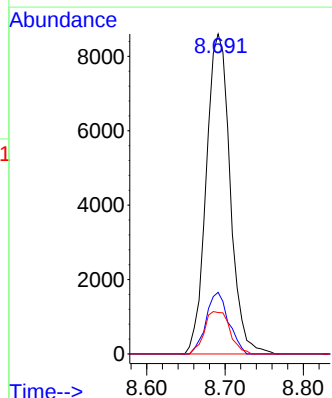
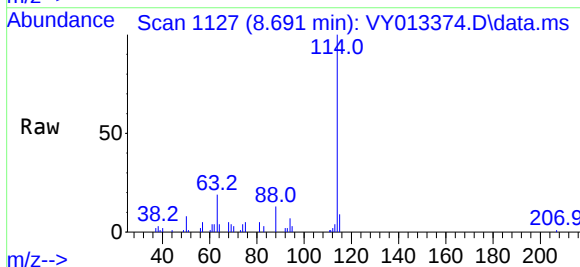
Tgt Ion: 114 Resp: 18198

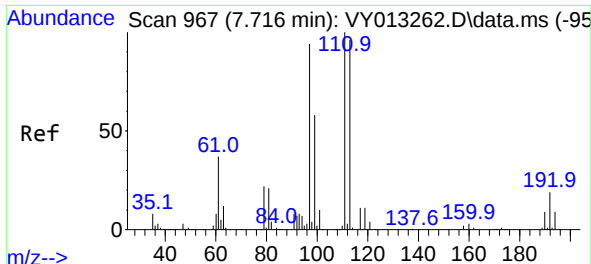
Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

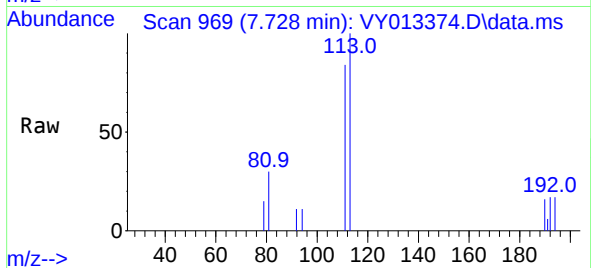
88 13.0 0.0 28.6



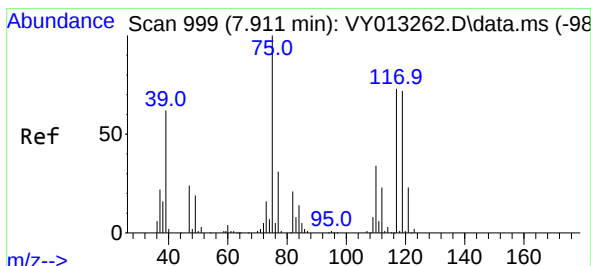
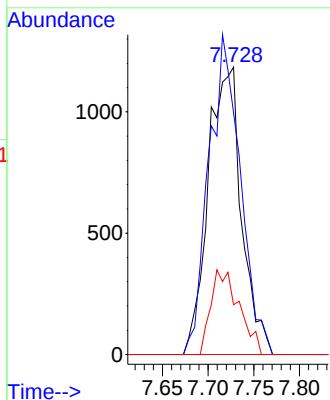
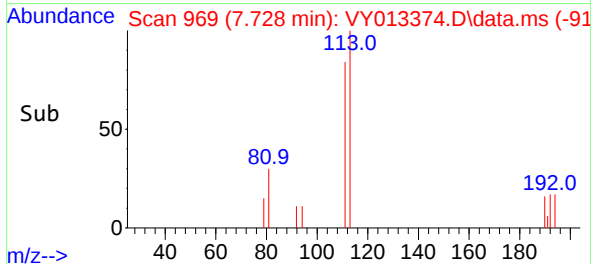


#35
Dibromofluoromethane
Concen: 25.583 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY013374.D
Acq: 20 Apr 2023 17:34

Instrument :
MSVOA_Y
ClientSampleId :

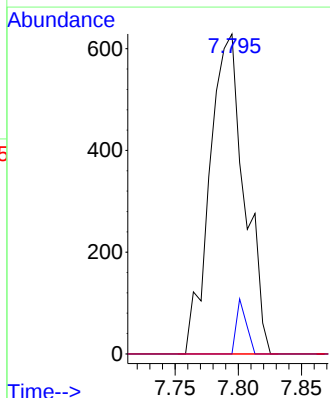
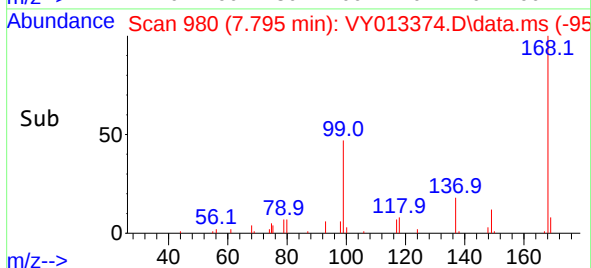
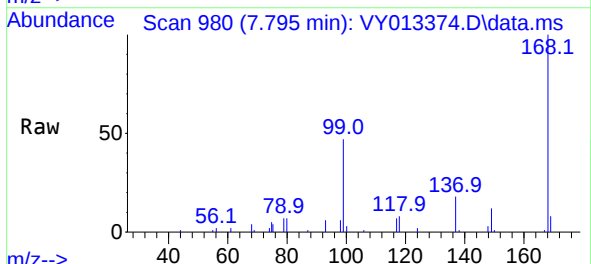


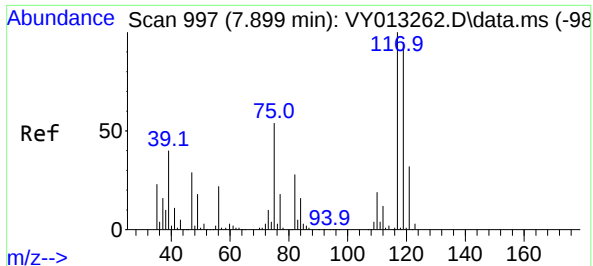
Tgt Ion:113 Resp: 3014
Ion Ratio Lower Upper
113 100
111 105.0 82.2 123.2
192 24.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 6.718 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY013374.D
Acq: 20 Apr 2023 17:34

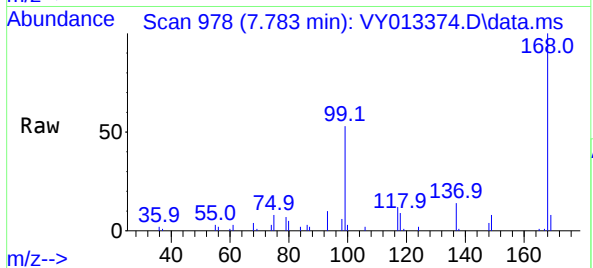
Tgt Ion: 75 Resp: 1199
Ion Ratio Lower Upper
75 100
110 4.9 17.8 53.3#
77 0.0 25.0 37.4#



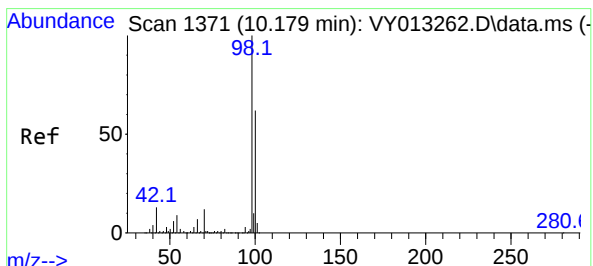
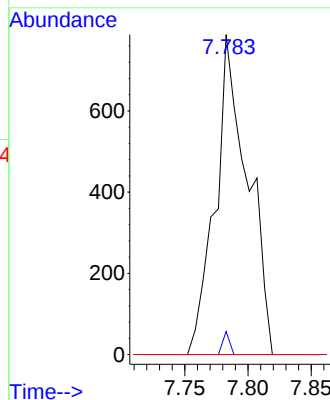
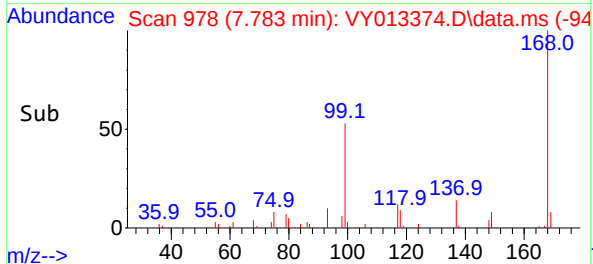


#38
Carbon Tetrachloride
Concen: 7.089 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013374.D
Acq: 20 Apr 2023 17:34

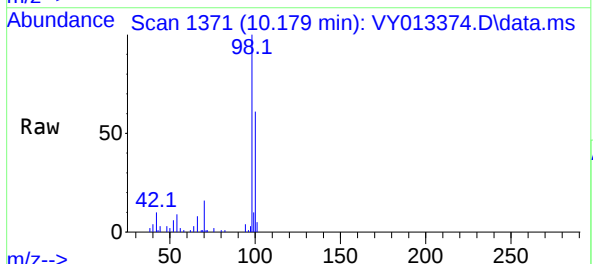
Instrument :
MSVOA_Y
ClientSampleId :



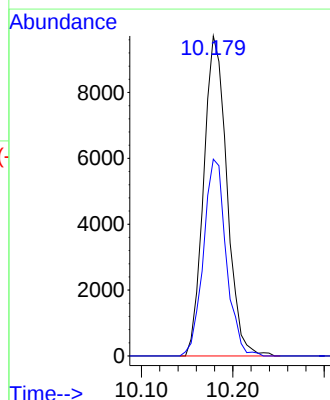
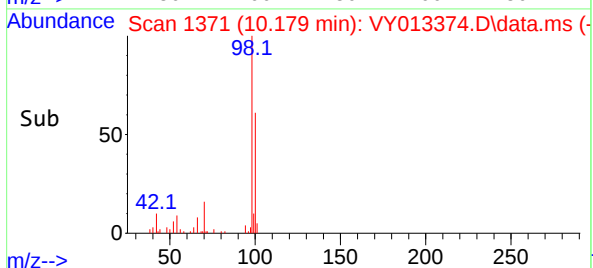
Tgt Ion:117 Resp: 1399
Ion Ratio Lower Upper
117 100
119 7.2 77.2 115.8#
121 0.0 24.7 37.1#

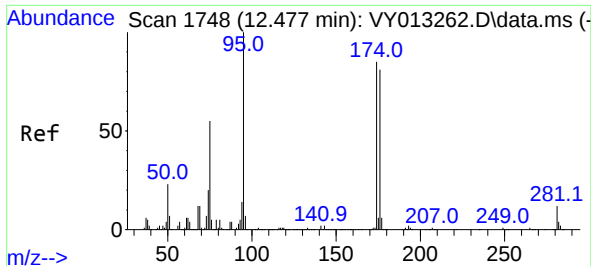


#50
Toluene-d8
Concen: 39.009 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013374.D
Acq: 20 Apr 2023 17:34



Tgt Ion: 98 Resp: 17106
Ion Ratio Lower Upper
98 100
100 60.3 50.9 76.3

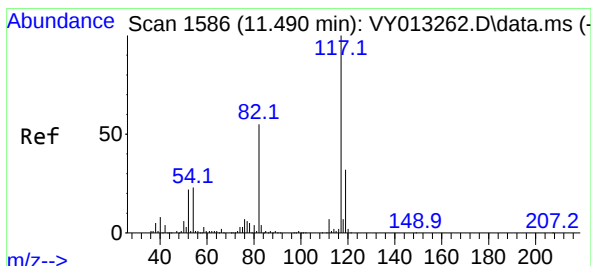
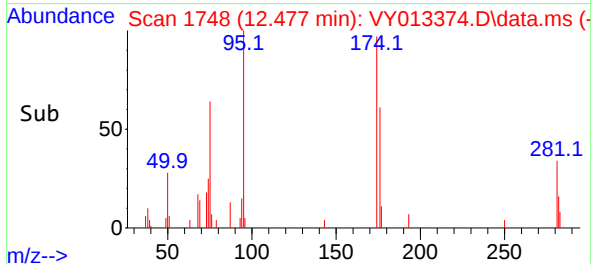
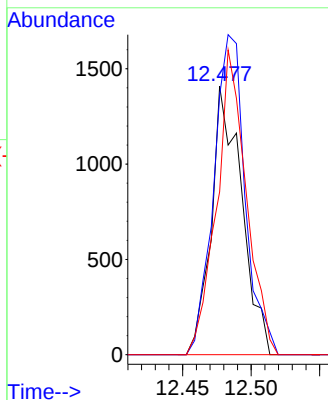
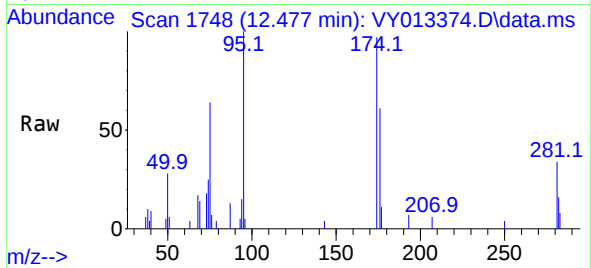




#62
4-Bromofluorobenzene
Concen: 15.216 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013374.D
Acq: 20 Apr 2023 17:34

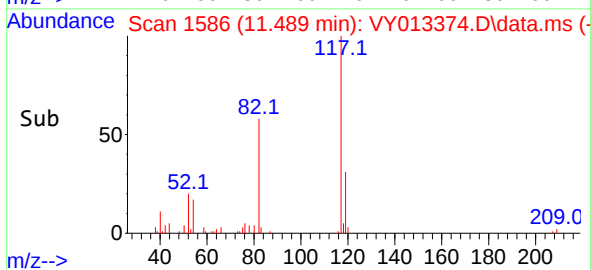
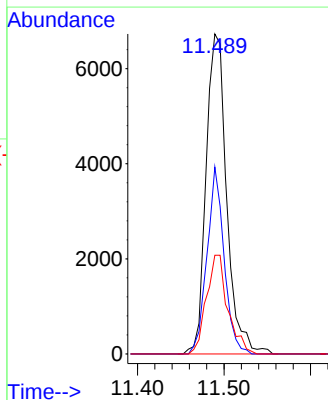
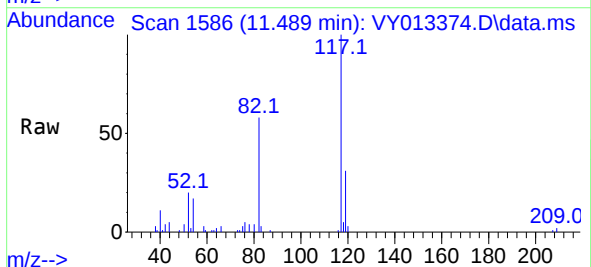
Instrument :
MSVOA_Y
ClientSampleId :

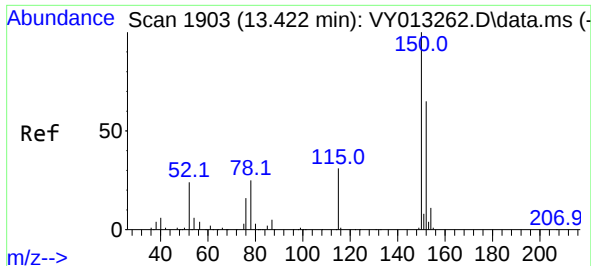
Tgt Ion: 95 Resp: 2168
Ion Ratio Lower Upper
95 100
174 123.8 0.0 176.6
176 111.7 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013374.D
Acq: 20 Apr 2023 17:34

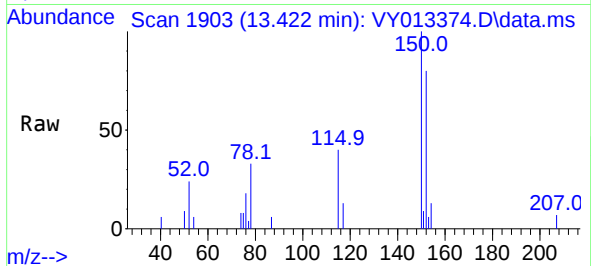
Tgt Ion: 117 Resp: 11124
Ion Ratio Lower Upper
117 100
82 58.4 45.4 68.0
119 30.8 25.6 38.4



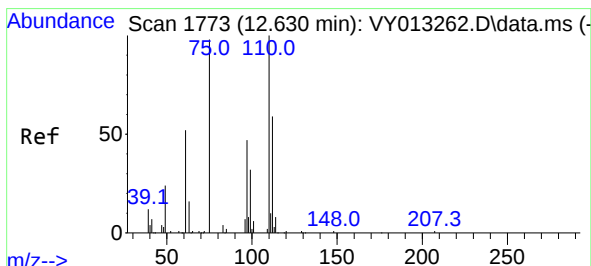
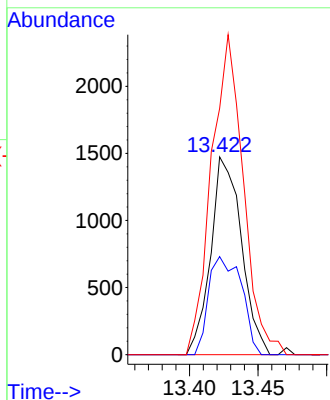
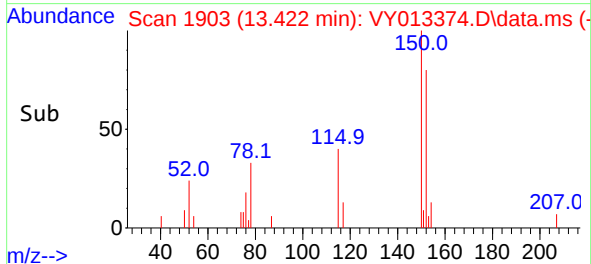


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013374.D
Acq: 20 Apr 2023 17:34

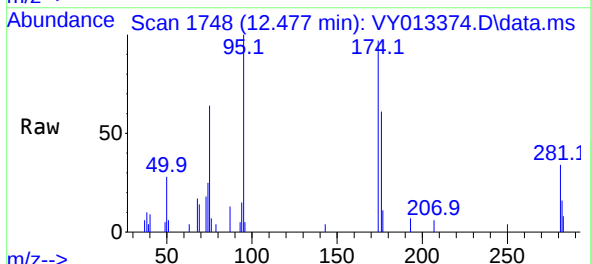
Instrument :
MSVOA_Y
ClientSampleId :



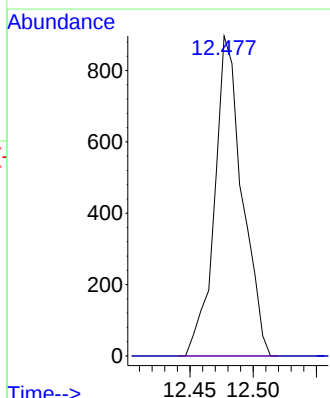
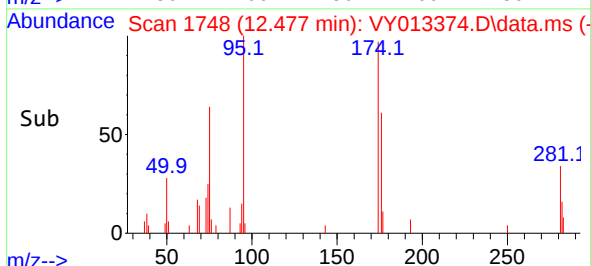
Tgt Ion:152 Resp: 2302
Ion Ratio Lower Upper
152 100
115 53.0 27.1 81.3
150 167.6 0.0 347.8

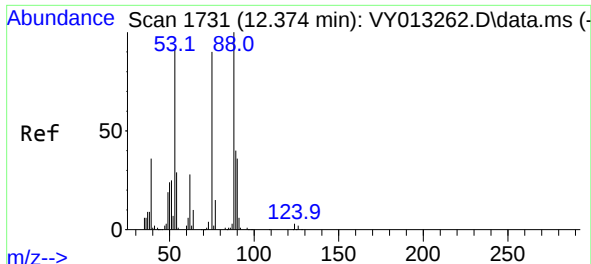


#76
1,2,3-Trichloropropane
Concen: 47.621 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY013374.D
Acq: 20 Apr 2023 17:34



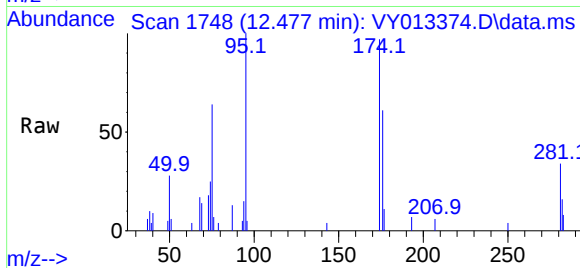
Tgt Ion: 75 Resp: 1366
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



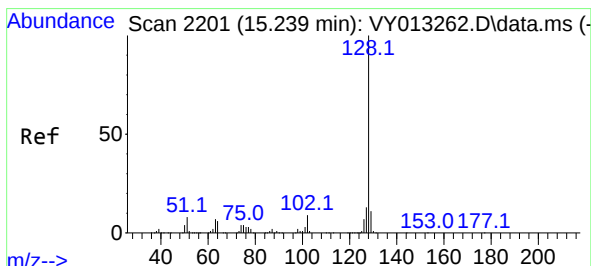
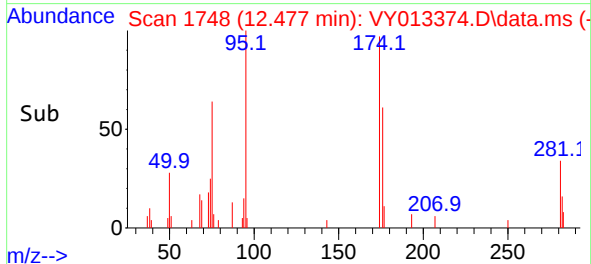
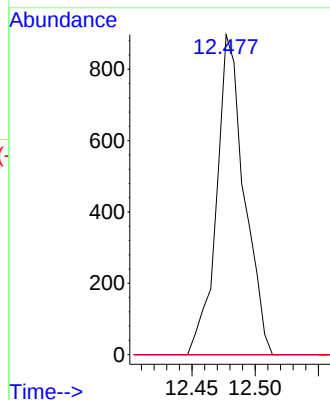


#81
trans-1,4-Dichloro-2-butene
Concen: 98.837 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY013374.D
Acq: 20 Apr 2023 17:34

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 1366
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#



#95
Naphthalene
Concen: 3.649 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.012 min
Lab File: VY013374.D
Acq: 20 Apr 2023 17:34

Tgt Ion: 128 Resp: 48
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

