

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
 Data File : VY013621.D
 Acq On : 05 May 2023 13:34
 Operator : KP/MD
 Sample : 02605-01RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RC-1

Quant Time: May 08 00:24:06 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)

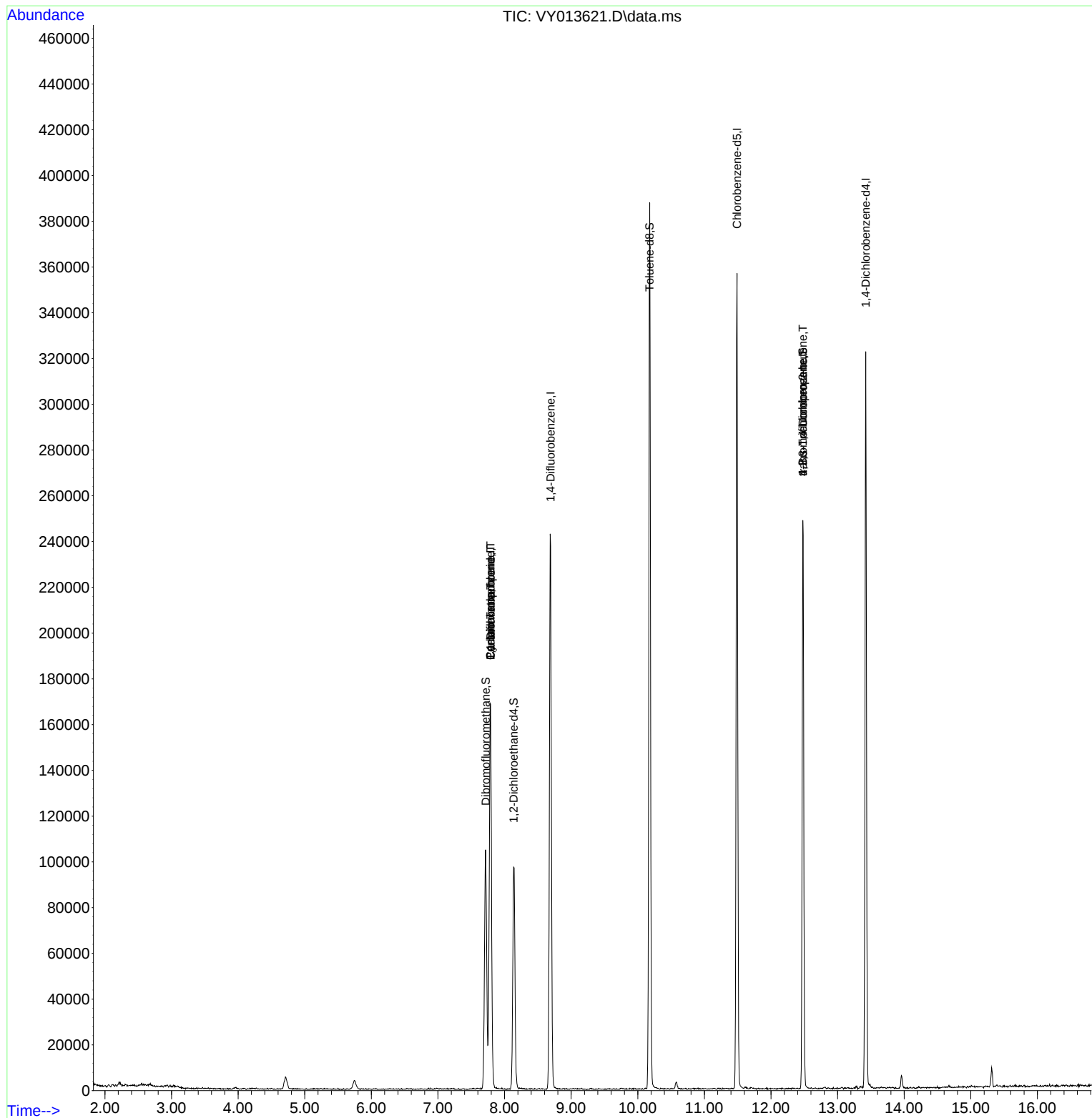
Internal Standards						
1) Pentafluorobenzene	7.789	168	133552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	207315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	187518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	80583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	81857	55.912	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.820%	
35) Dibromofluoromethane	7.716	113	69541	53.332	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.660%	
50) Toluene-d8	10.179	98	252944	54.531	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.060%	
62) 4-Bromofluorobenzene	12.477	95	70355	44.990	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.980%	
Target Compounds						
					Qvalue	
13) Acrolein	3.546	56	19	Below Cal	#	16
20) Methylene Chloride	4.710	84	3849	Below Cal	#	82
31) Cyclohexane	7.789	56	2915	1.112	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9977	4.610	ug/l #	50
38) Carbon Tetrachloride	7.789	117	12625	5.566	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	37774	34.758	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	37774	71.100	ug/l #	13

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

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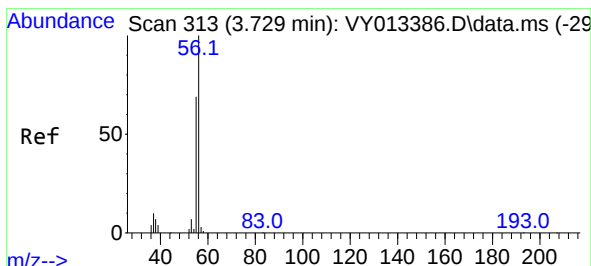
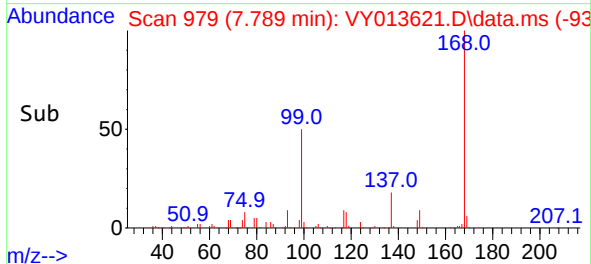
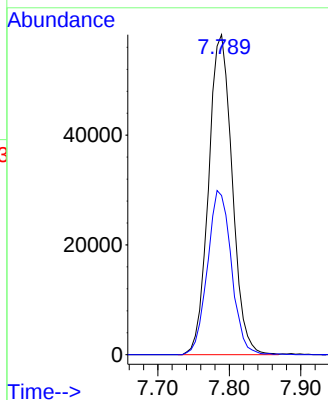
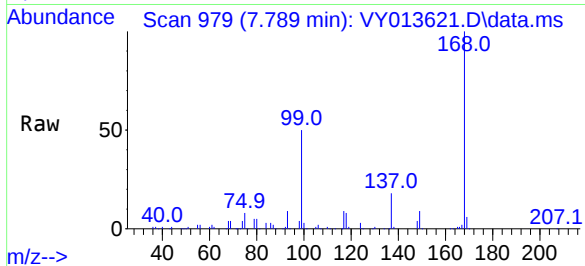




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013621.D
Acq: 05 May 2023 13:34

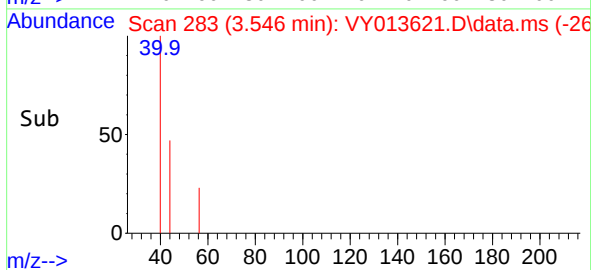
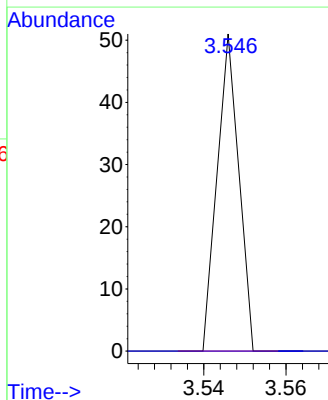
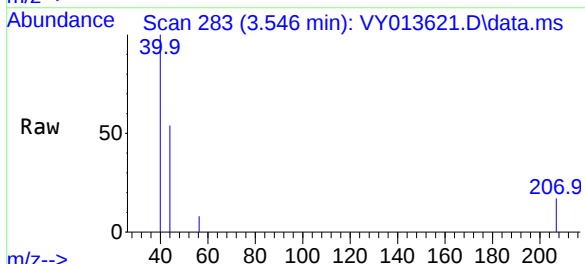
Instrument :
MSVOA_Y
ClientSampleId :
RC-1

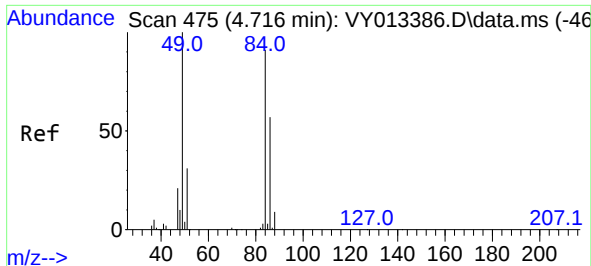
Tgt Ion:168 Resp: 133552
Ion Ratio Lower Upper
168 100
99 49.8 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.546 min Scan# 283
Delta R.T. -0.183 min
Lab File: VY013621.D
Acq: 05 May 2023 13:34

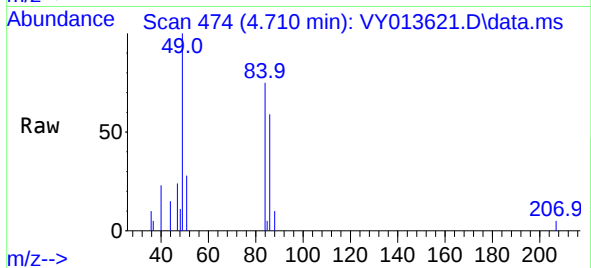
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#





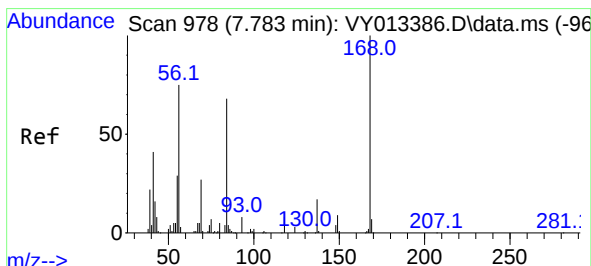
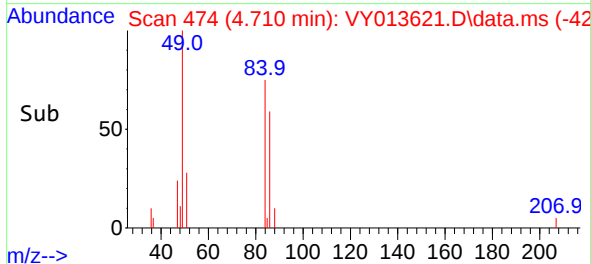
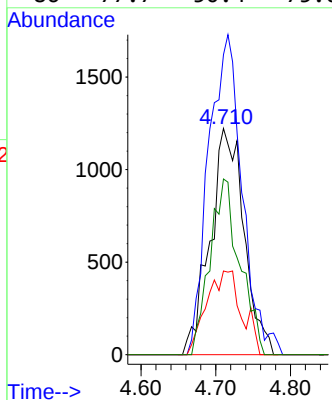
#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013621.D
Acq: 05 May 2023 13:34

Instrument :
MSVOA_Y
ClientSampleId :
RC-1



Tgt Ion: 84 Resp: 3849

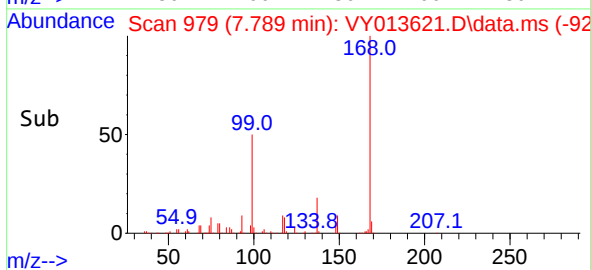
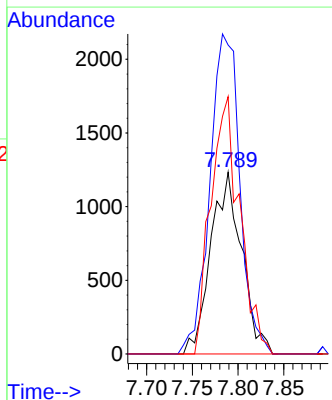
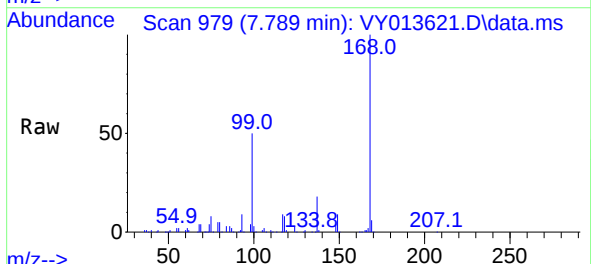
Ion	Ratio	Lower	Upper
84	100		
49	132.7	88.0	132.0#
51	37.0	27.4	41.0
86	77.7	50.4	75.6#

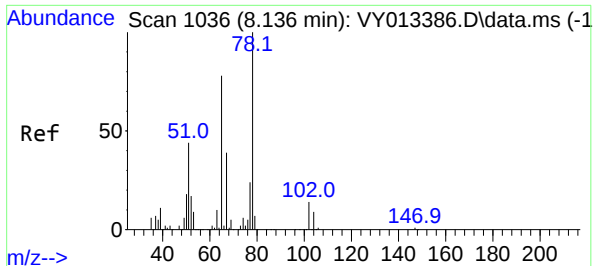


#31
Cyclohexane
Concen: 1.112 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY013621.D
Acq: 05 May 2023 13:34

Tgt Ion: 56 Resp: 2915

Ion	Ratio	Lower	Upper
56	100		
69	169.9	29.2	43.8#
84	141.5	73.0	109.6#





#33

1,2-Dichloroethane-d4

Concen: 55.912 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY013621.D

Acq: 05 May 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

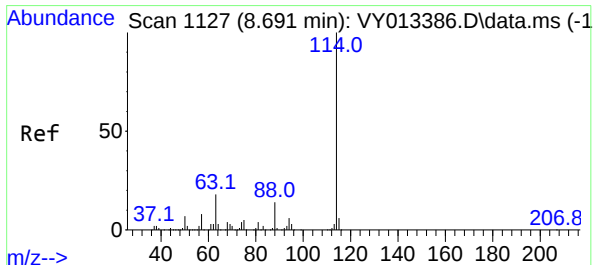
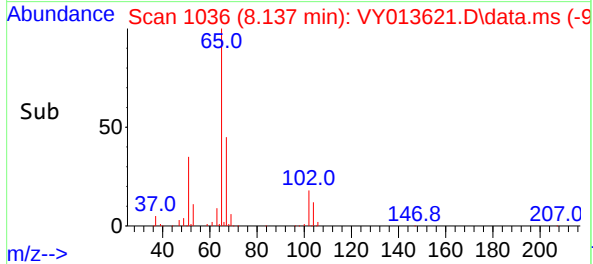
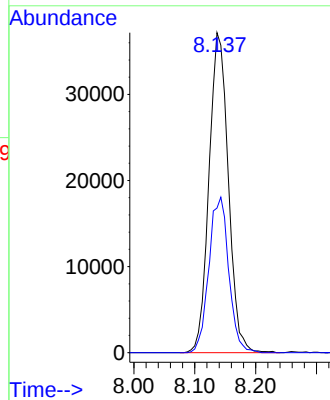
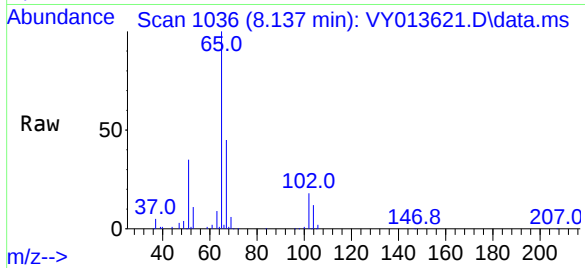
RC-1

Tgt Ion: 65 Resp: 81857

Ion Ratio Lower Upper

65 100

67 50.0 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: VY013621.D

Acq: 05 May 2023 13:34

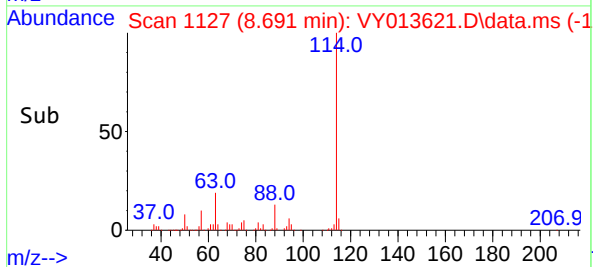
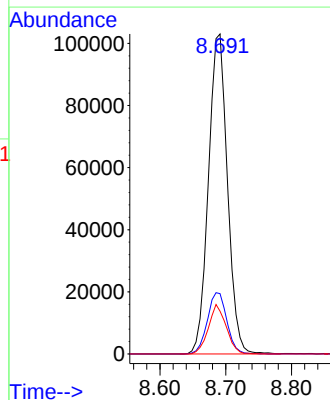
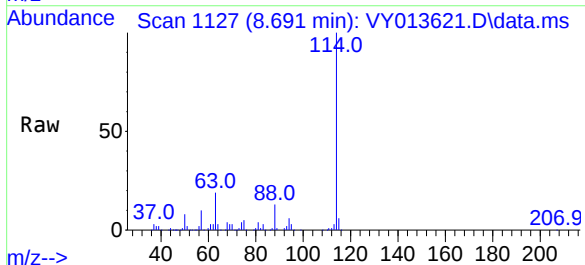
Tgt Ion: 114 Resp: 207315

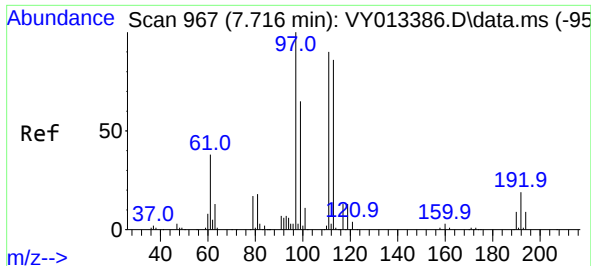
Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.6

88 13.3 0.0 28.8

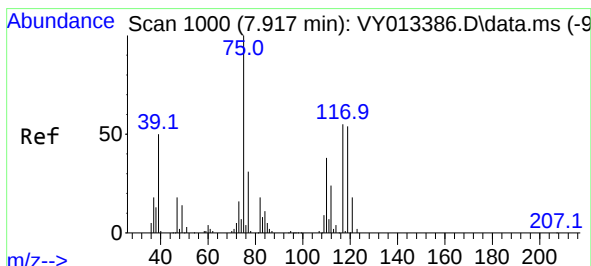
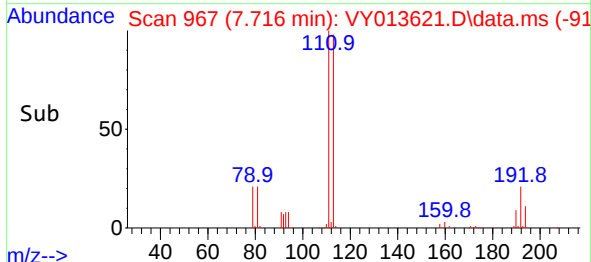
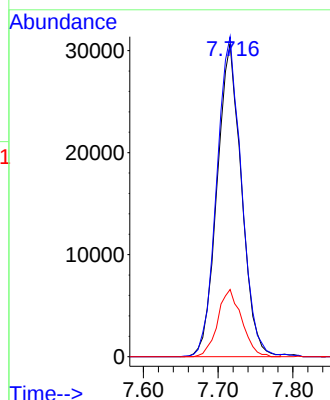
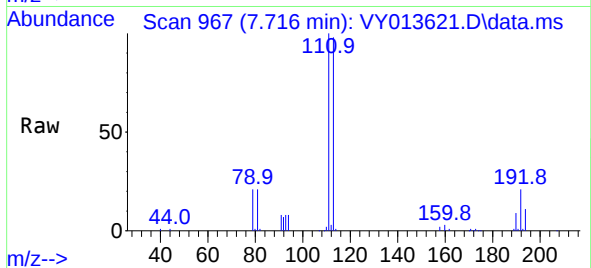




#35
Dibromofluoromethane
Concen: 53.332 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013621.D
Acq: 05 May 2023 13:34

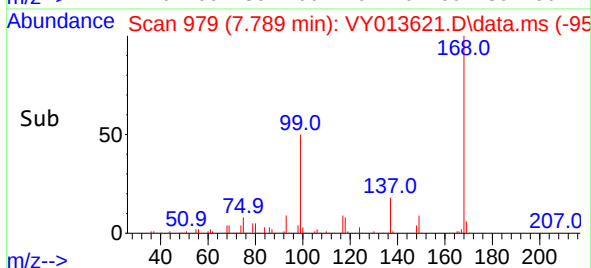
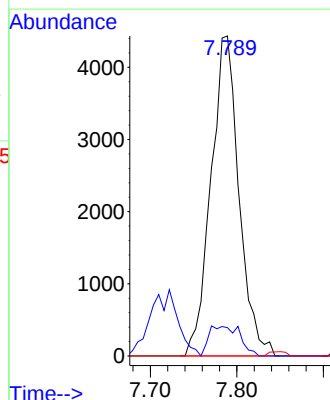
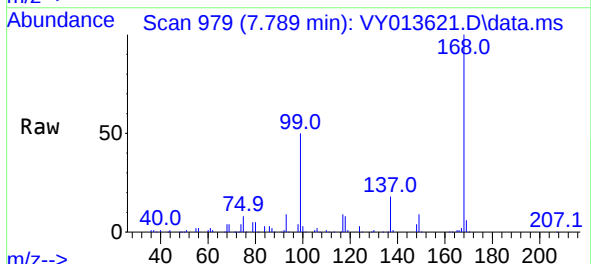
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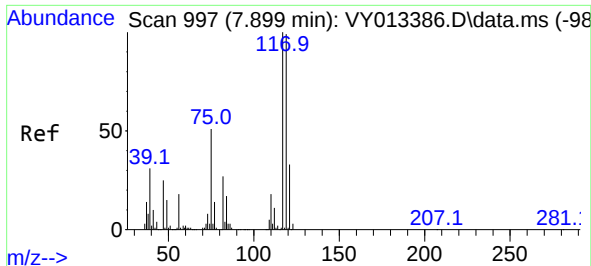
Tgt Ion:113 Resp: 69541
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 21.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.610 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013621.D
Acq: 05 May 2023 13:34

Tgt Ion: 75 Resp: 9977
Ion Ratio Lower Upper
75 100
110 10.4 18.7 56.1#
77 0.0 24.6 37.0#

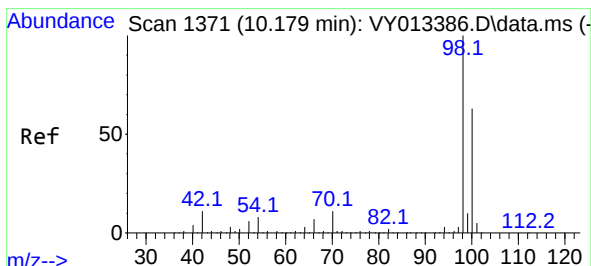
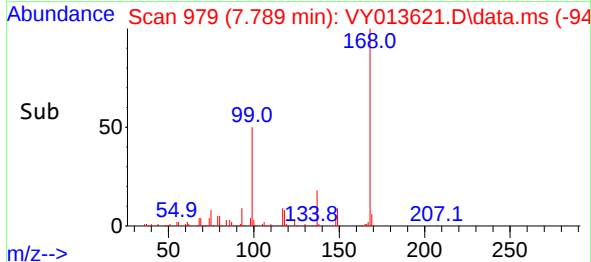
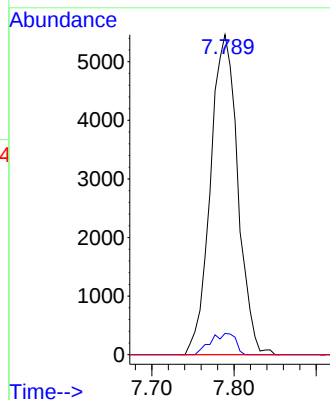
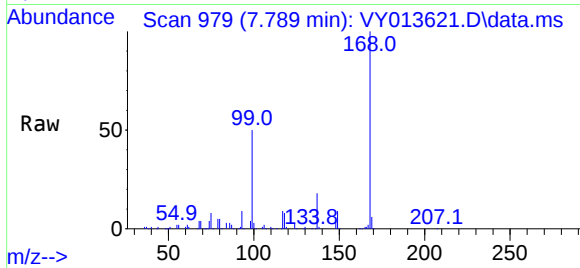




#38
Carbon Tetrachloride
Concen: 5.566 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013621.D
Acq: 05 May 2023 13:34

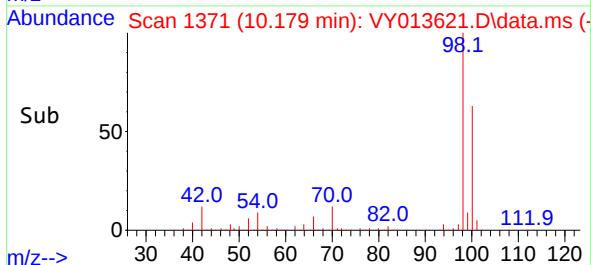
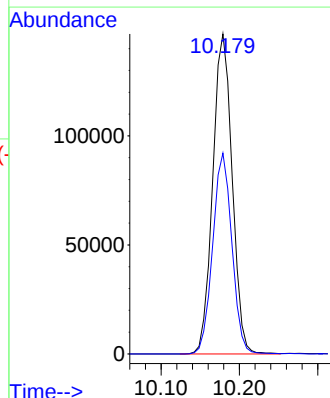
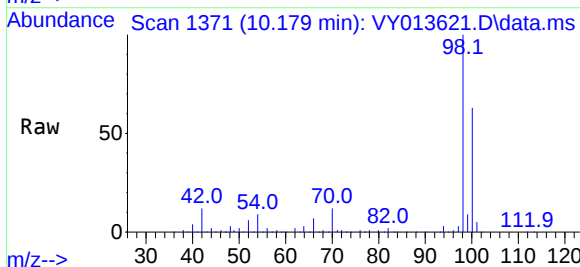
Instrument :
MSVOA_Y
ClientSampleId :
RC-1

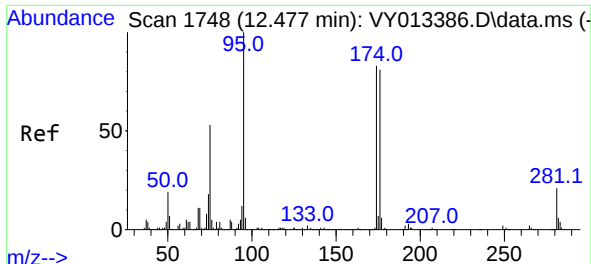
Tgt Ion:117 Resp: 12625
Ion Ratio Lower Upper
117 100
119 6.6 79.0 118.6#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 54.531 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013621.D
Acq: 05 May 2023 13:34

Tgt Ion: 98 Resp: 252944
Ion Ratio Lower Upper
98 100
100 61.9 50.5 75.7

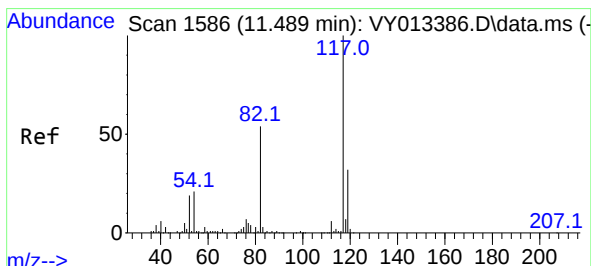
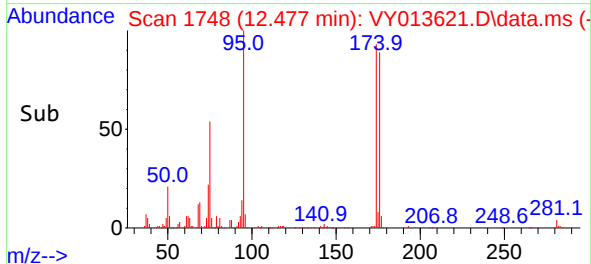
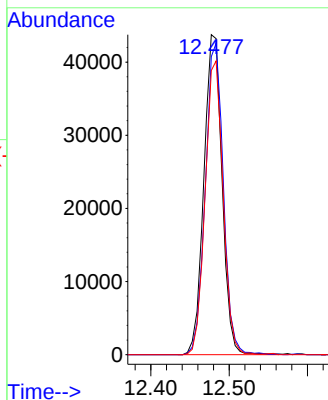
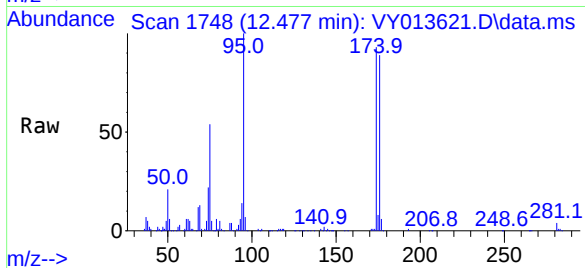




#62
4-Bromofluorobenzene
Concen: 44.990 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013621.D
Acq: 05 May 2023 13:34

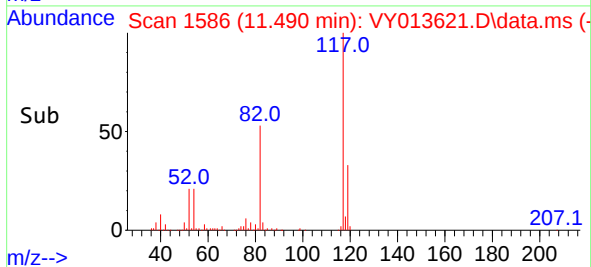
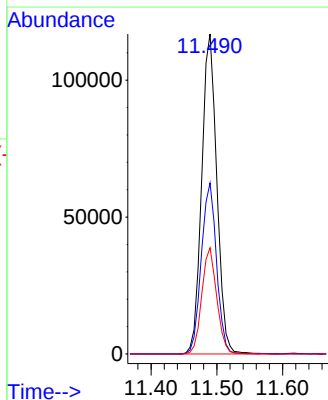
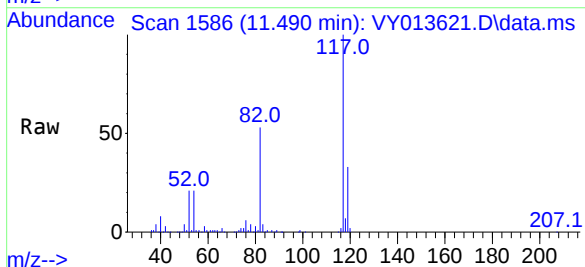
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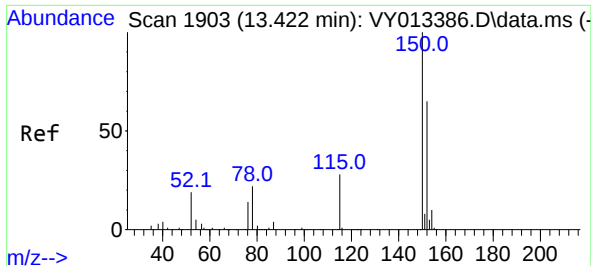
Tgt Ion: 95 Resp: 70355
Ion Ratio Lower Upper
95 100
174 96.5 0.0 182.0
176 90.7 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013621.D
Acq: 05 May 2023 13:34

Tgt Ion: 117 Resp: 187518
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.6
119 33.2 25.5 38.3

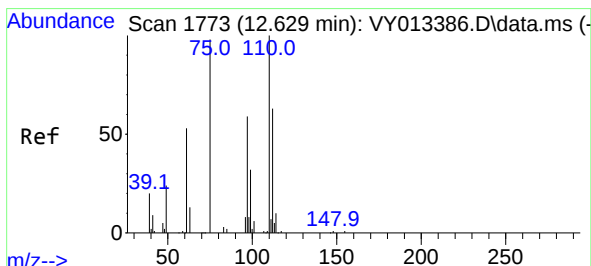
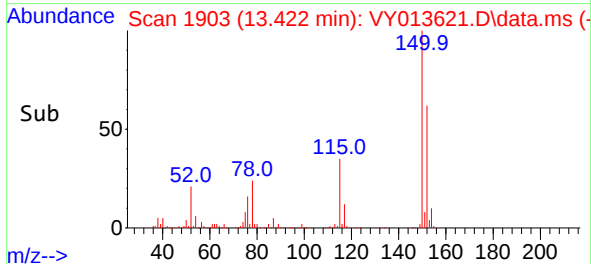
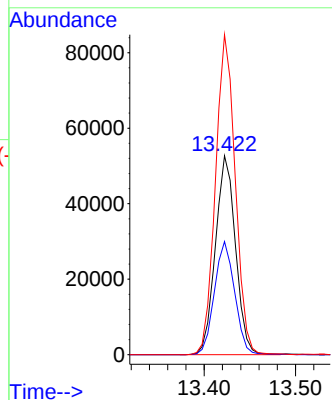
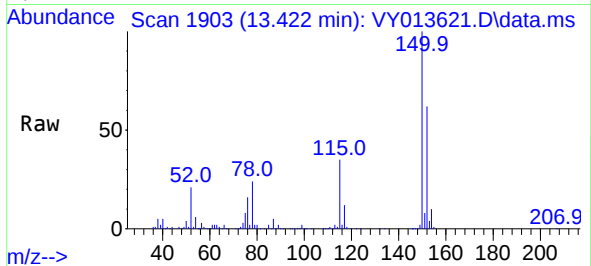




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013621.D
Acq: 05 May 2023 13:34

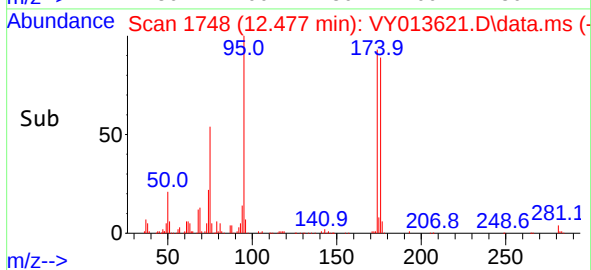
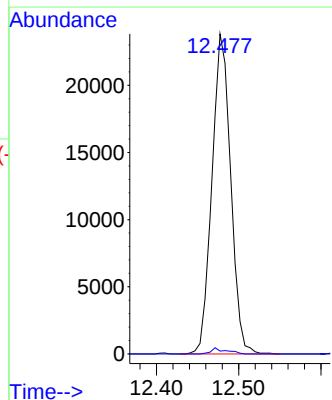
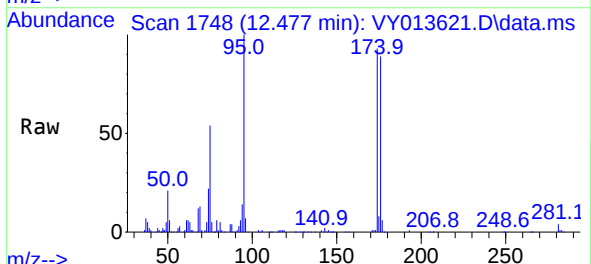
Instrument :
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ClientSampleId :
RC-1

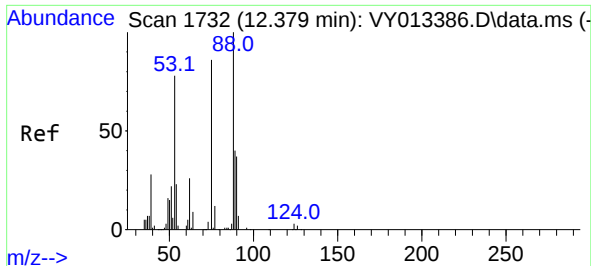
Tgt Ion:152 Resp: 80583
Ion Ratio Lower Upper
152 100
115 57.5 28.1 84.2
150 158.6 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 34.758 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013621.D
Acq: 05 May 2023 13:34

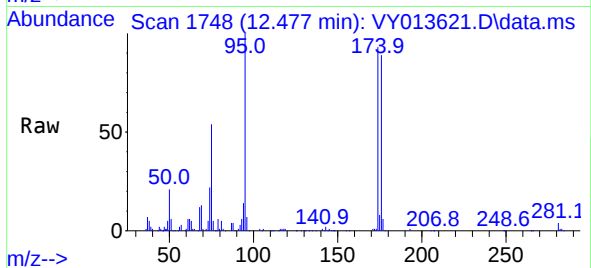
Tgt Ion: 75 Resp: 37774
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.100 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY013621.D
 Acq: 05 May 2023 13:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 RC-1



Tgt Ion: 75 Resp: 37774
 Ion Ratio Lower Upper
 75 100
 53 0.3 73.2 109.8#
 89 0.1 38.0 57.0#

