

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
 Data File : VY013695.D
 Acq On : 10 May 2023 18:04
 Operator : KP/MD
 Sample : 02719-05
 Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-X01 10-12 20230509

Quant Time: May 11 03:31:25 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)

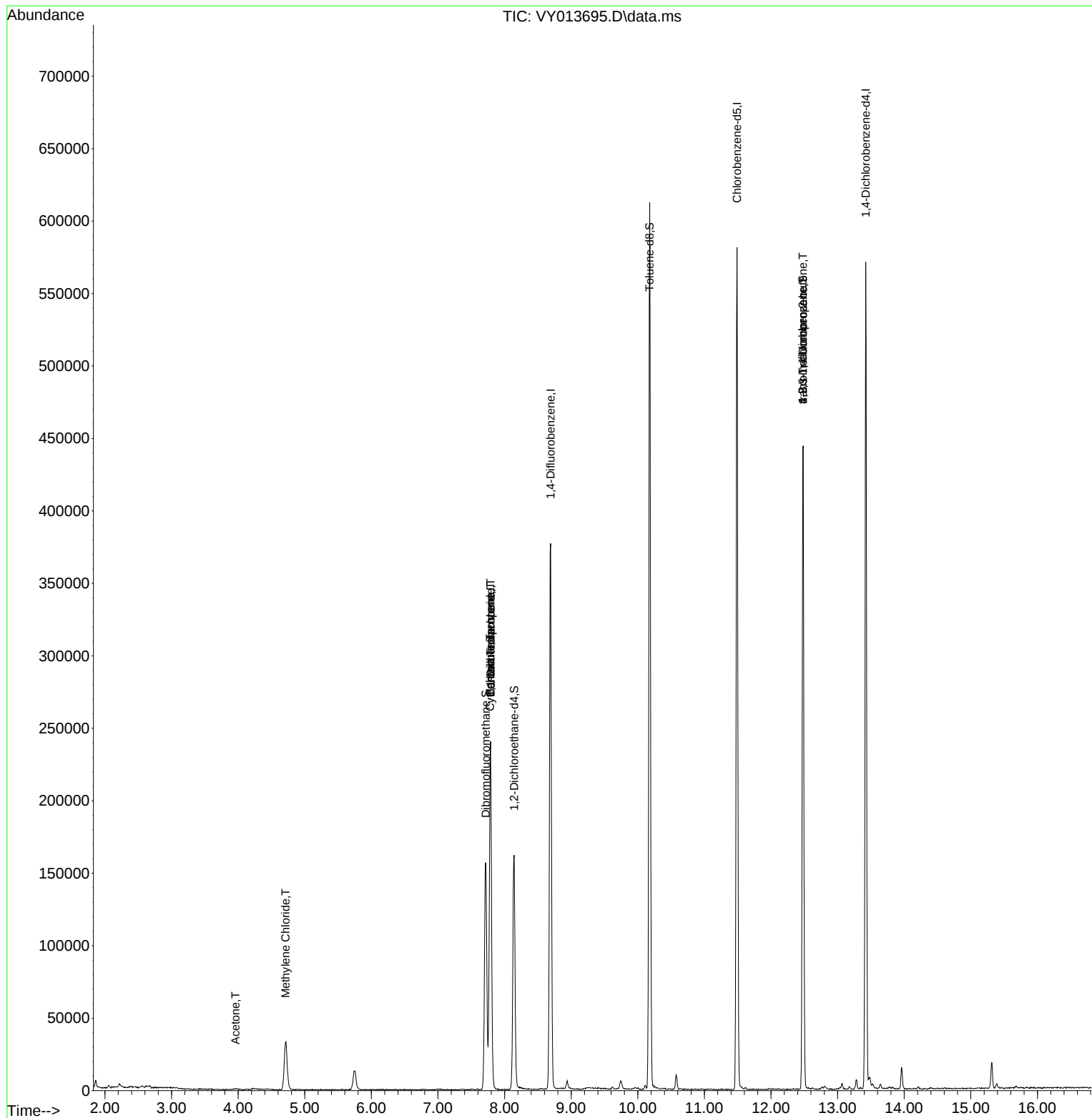
Internal Standards						
1) Pentafluorobenzene	7.789	168	186048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	317600	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	311459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	143979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	134513	65.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.900%	
35) Dibromofluoromethane	7.716	113	109629	54.881	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.760%	
50) Toluene-d8	10.179	98	392789	55.275	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.540%	
62) 4-Bromofluorobenzene	12.477	95	126011	52.600	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.200%	
Target Compounds						
					Qvalue	
13) Acrolein	3.704	56	19	Below Cal	#	16
16) Acetone	3.960	43	1405	1.749	ug/l #	88
20) Methylene Chloride	4.710	84	24642	2.033	ug/l	89
31) Cyclohexane	7.783	56	4238	1.161	ug/l #	48
36) 1,1-Dichloropropene	7.789	75	13885	4.188	ug/l #	49
38) Carbon Tetrachloride	7.789	117	18328	5.275	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	68727	35.395	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	68727	72.402	ug/l #	13

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

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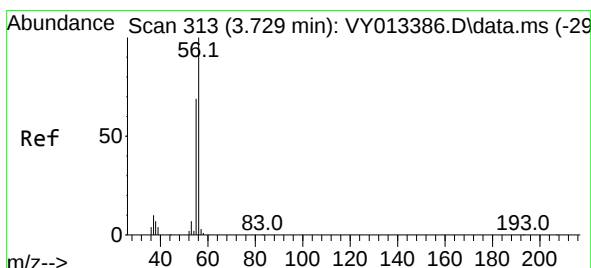
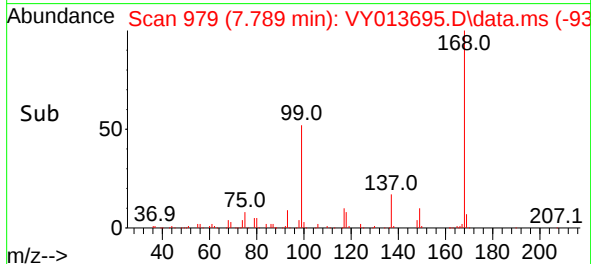
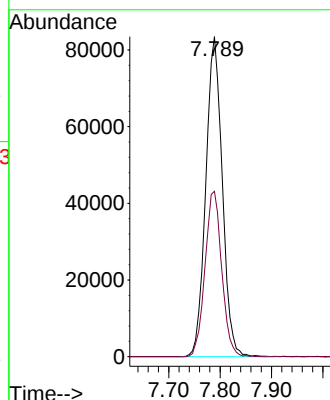
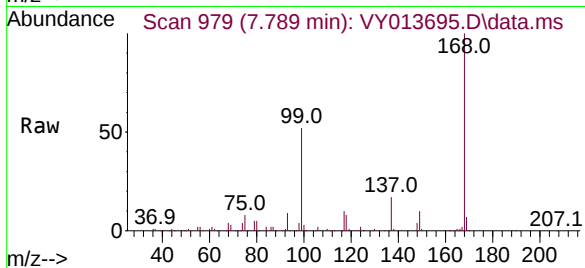




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013695.D
Acq: 10 May 2023 18:04

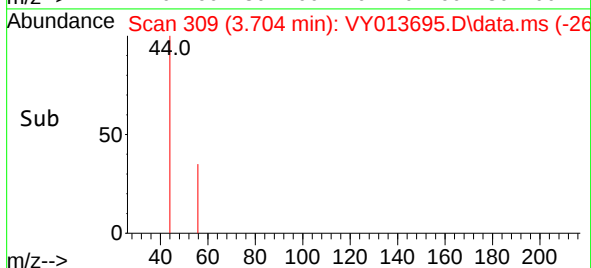
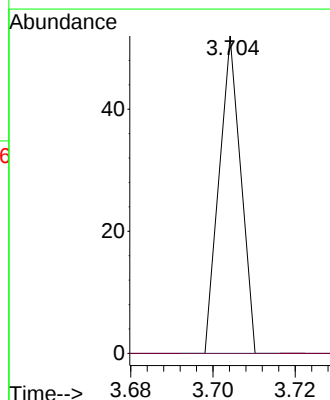
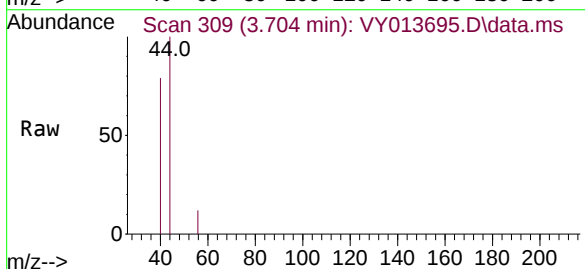
Instrument :
MSVOA_Y
ClientSampleId :
SB-X01 10-12 20230509

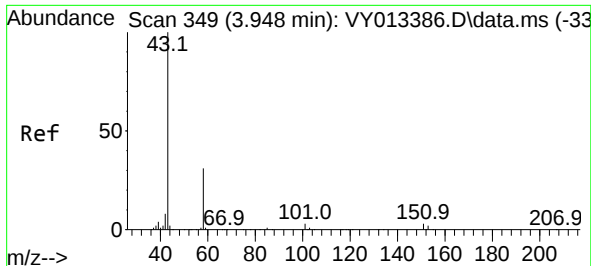
Tgt Ion:168 Resp: 186048
Ion Ratio Lower Upper
168 100
99 51.7 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.704 min Scan# 309
Delta R.T. -0.025 min
Lab File: VY013695.D
Acq: 10 May 2023 18:04

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

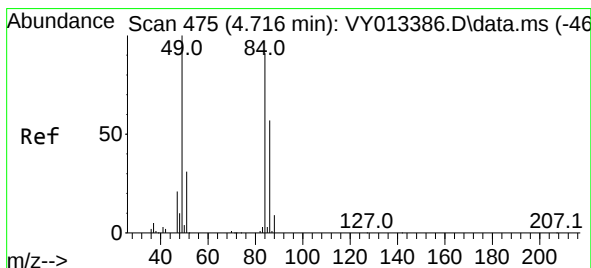
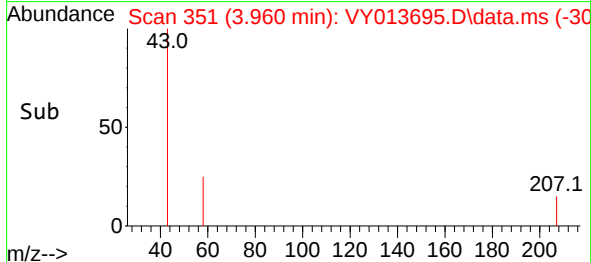
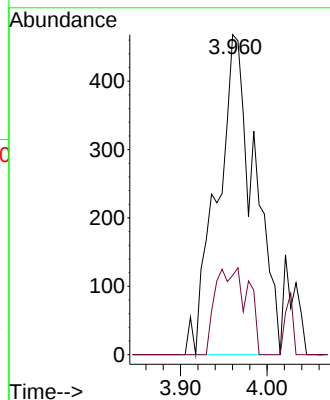
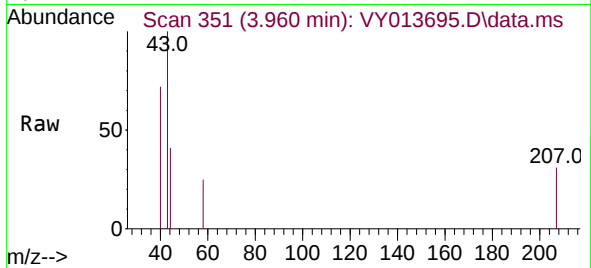




#16
Acetone
Concen: 1.749 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY013695.D
Acq: 10 May 2023 18:04

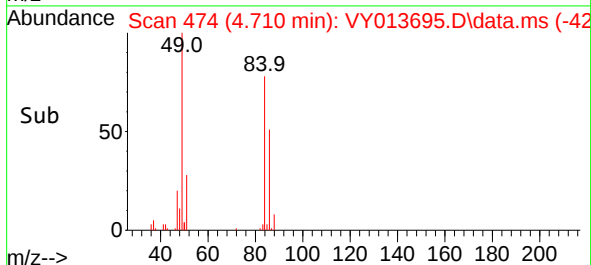
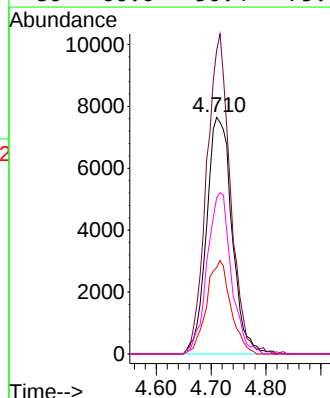
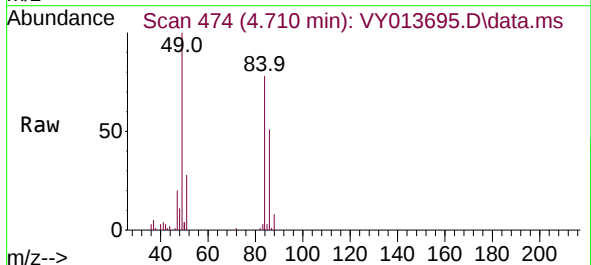
Instrument :
MSVOA_Y
ClientSampleId :
SB-X01 10-12 20230509

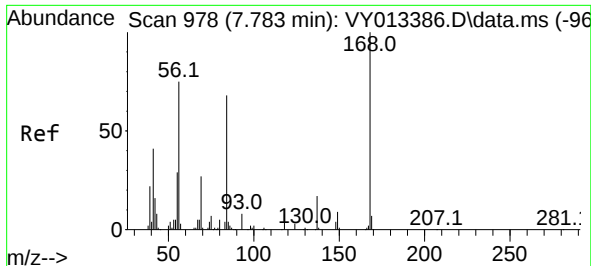
Tgt Ion: 43 Resp: 1405
Ion Ratio Lower Upper
43 100
58 24.8 25.4 38.0#



#20
Methylene Chloride
Concen: 2.033 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013695.D
Acq: 10 May 2023 18:04

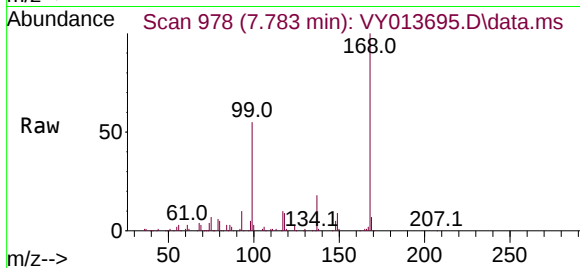
Tgt Ion: 84 Resp: 24642
Ion Ratio Lower Upper
84 100
49 128.4 88.0 132.0
51 36.6 27.4 41.0
86 66.0 50.4 75.6



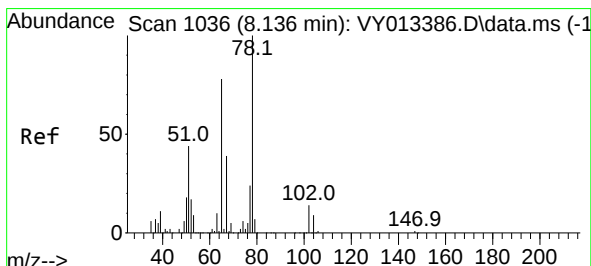
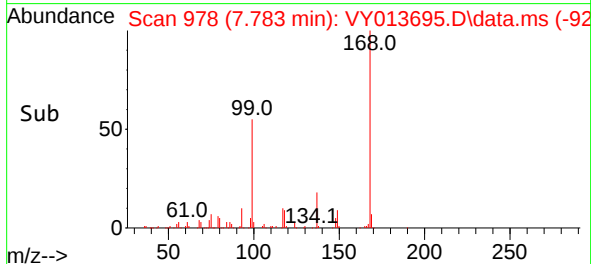
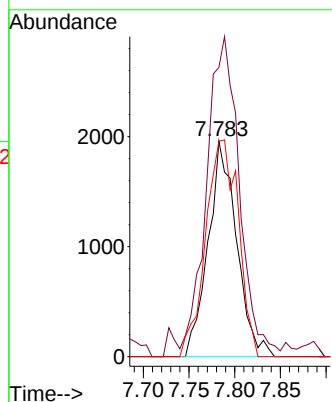


#31
Cyclohexane
Concen: 1.161 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013695.D
Acq: 10 May 2023 18:04

Instrument :
MSVOA_Y
ClientSampleId :
SB-X01 10-12 20230509

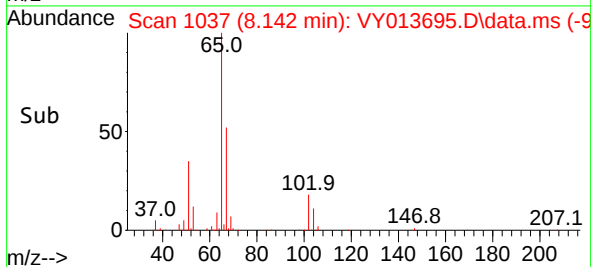
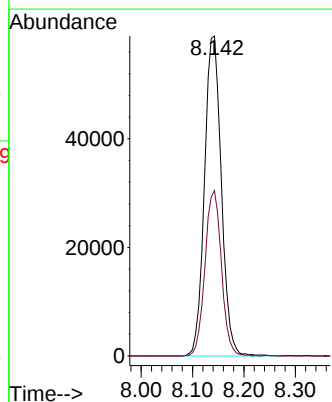
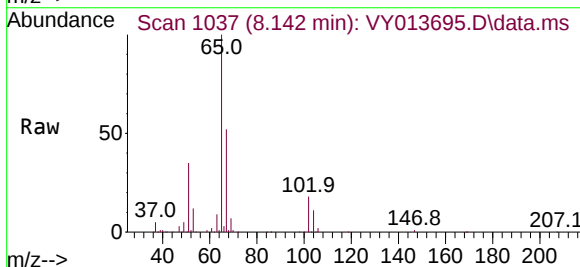


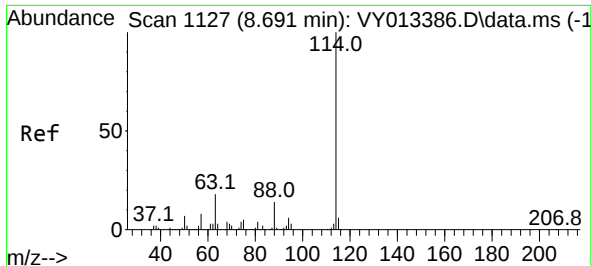
Tgt Ion: 56 Resp: 4238
Ion Ratio Lower Upper
56 100
69 131.5 29.2 43.8#
84 100.0 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 65.954 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013695.D
Acq: 10 May 2023 18:04

Tgt Ion: 65 Resp: 134513
Ion Ratio Lower Upper
65 100
67 50.4 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: VY013695.D

Acq: 10 May 2023 18:04

Instrument :

MSVOA_Y

ClientSampleId :

SB-X01 10-12 20230509

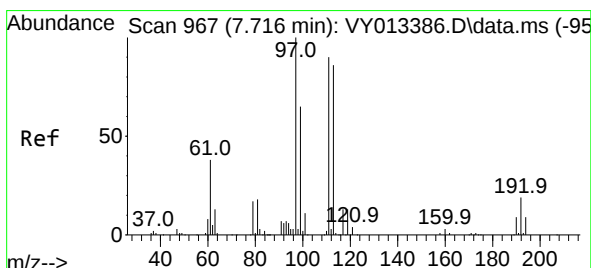
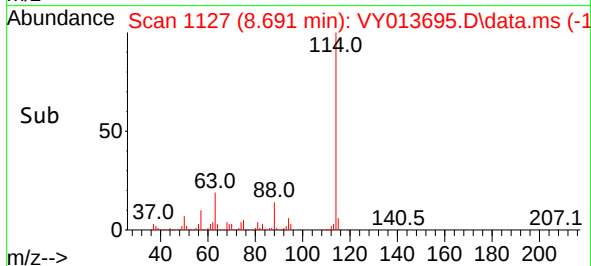
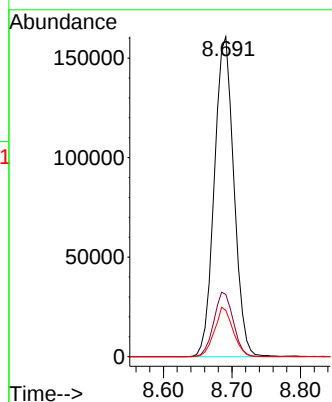
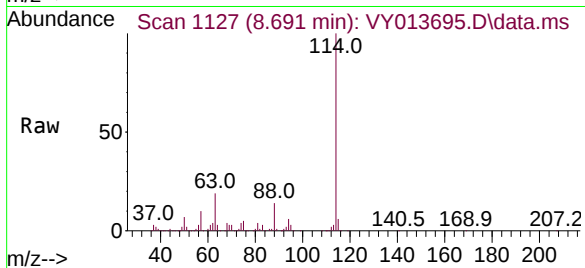
Tgt Ion:114 Resp: 317600

Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.6

88 14.5 0.0 28.8



#35

Dibromofluoromethane

Concen: 54.881 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013695.D

Acq: 10 May 2023 18:04

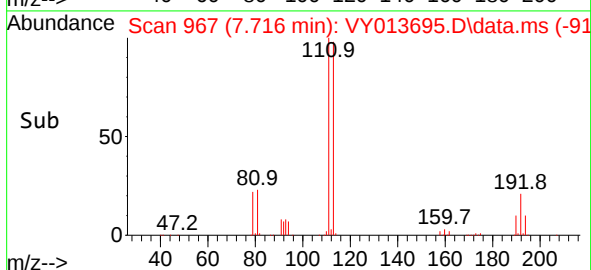
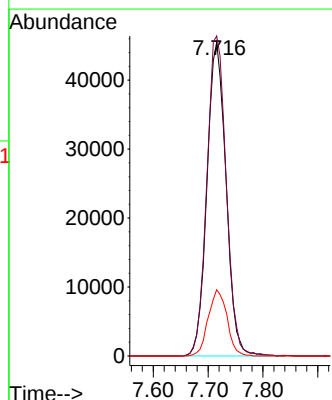
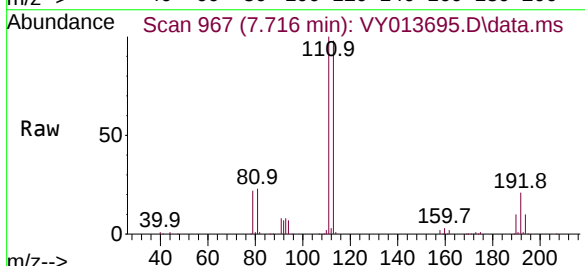
Tgt Ion:113 Resp: 109629

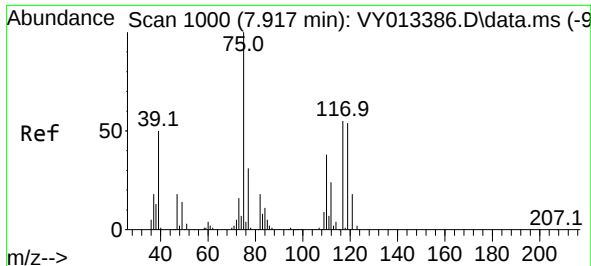
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.2

192 20.8 16.7 25.1

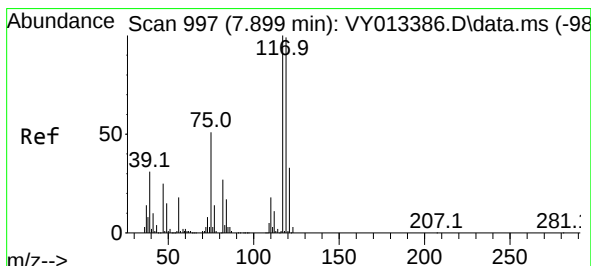
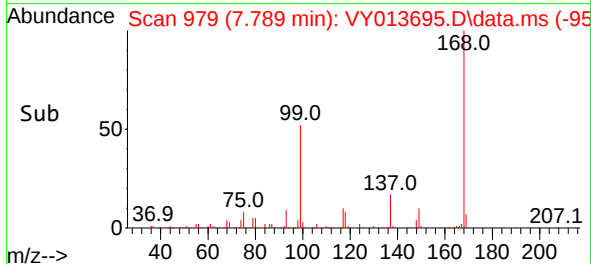
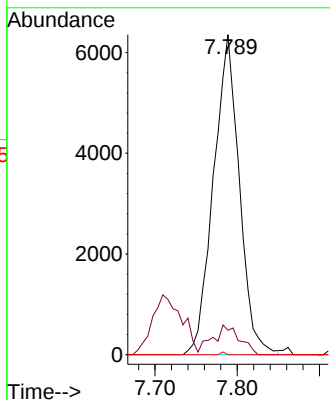
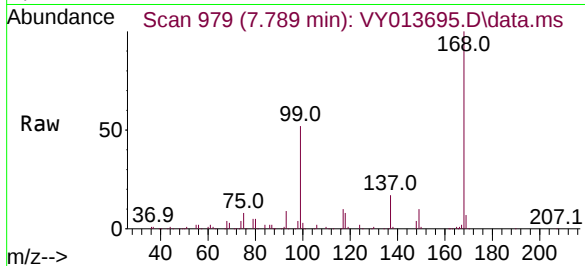




#36
1,1-Dichloropropene
Concen: 4.188 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY013695.D
Acq: 10 May 2023 18:04

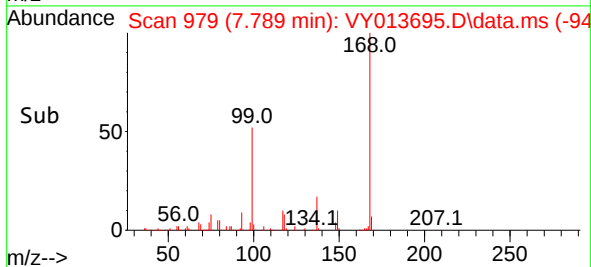
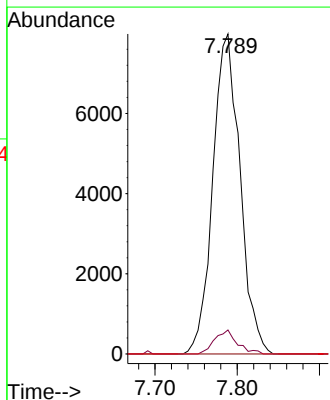
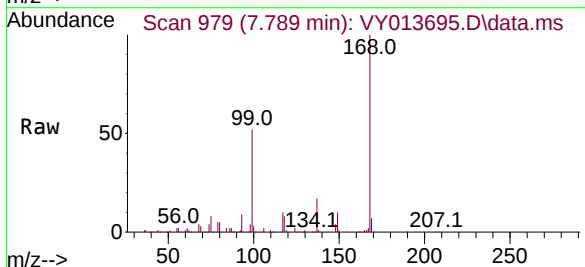
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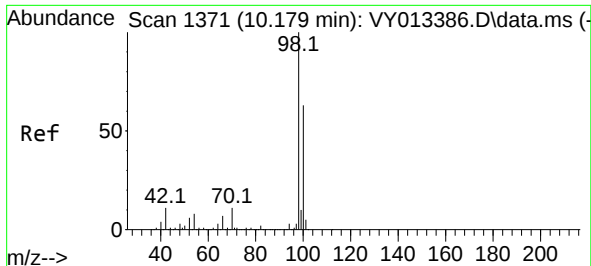
Tgt Ion: 75 Resp: 13885
Ion Ratio Lower Upper
75 100
110 9.6 18.7 56.1#
77 0.1 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.275 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY013695.D
Acq: 10 May 2023 18:04

Tgt Ion: 117 Resp: 18328
Ion Ratio Lower Upper
117 100
119 7.5 79.0 118.6#
121 0.0 26.6 40.0#

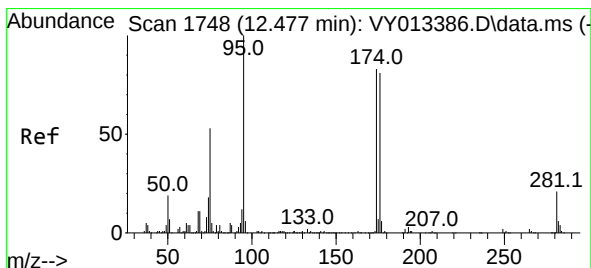
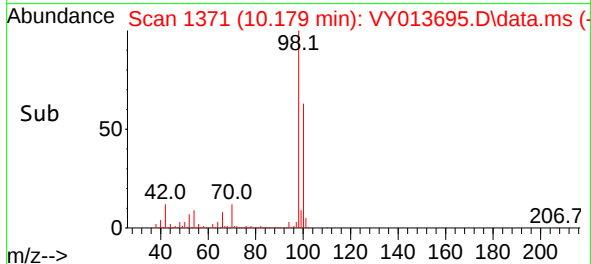
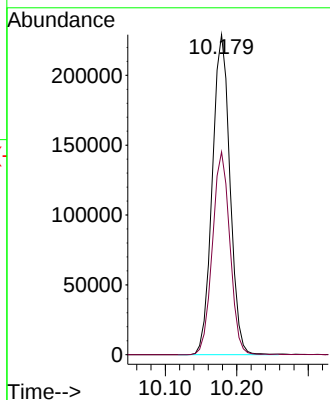
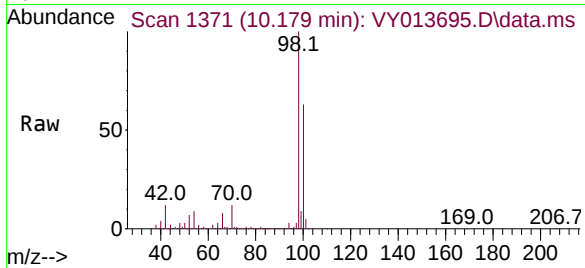




#50
Toluene-d8
Concen: 55.275 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013695.D
Acq: 10 May 2023 18:04

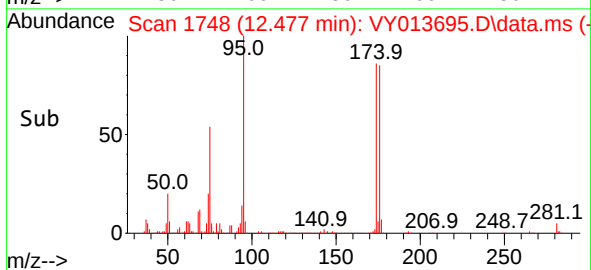
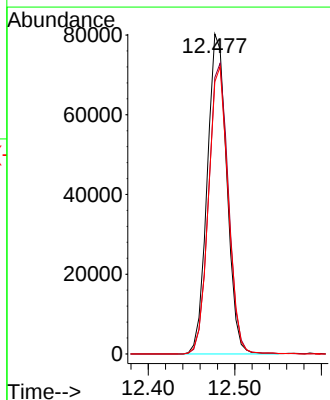
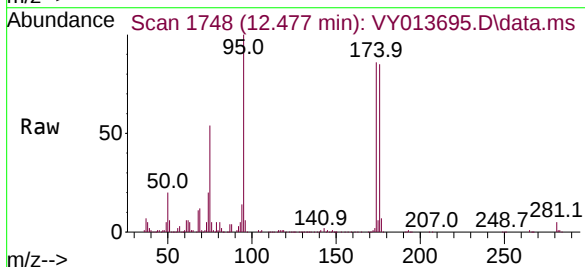
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SB-X01_10-12_20230509

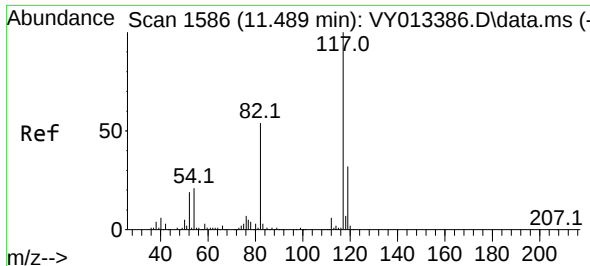
Tgt Ion: 98 Resp: 392789
Ion Ratio Lower Upper
98 100
100 62.5 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 52.600 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013695.D
Acq: 10 May 2023 18:04

Tgt Ion: 95 Resp: 126011
Ion Ratio Lower Upper
95 100
174 92.0 0.0 182.0
176 90.4 0.0 175.4

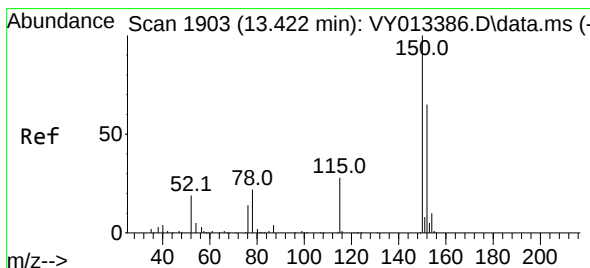
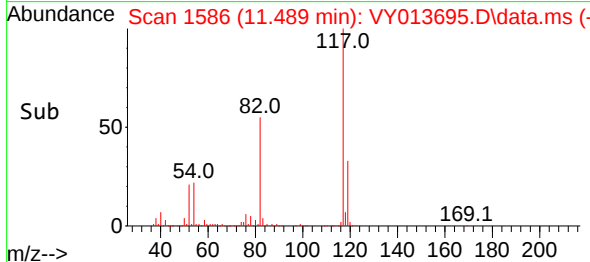
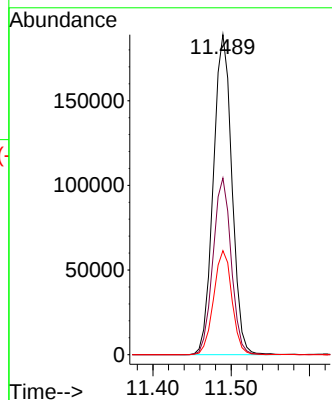
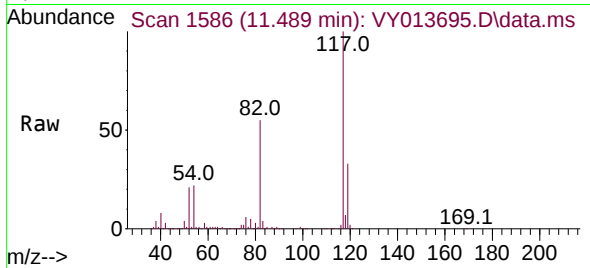




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013695.D
Acq: 10 May 2023 18:04

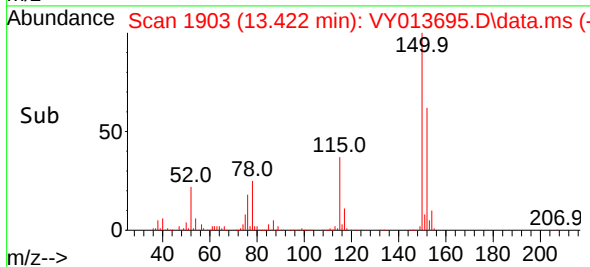
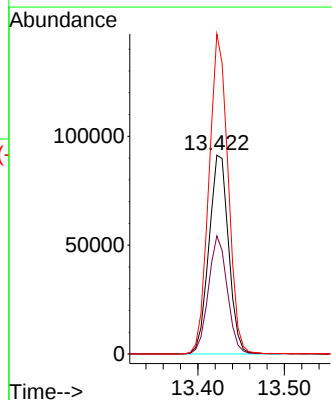
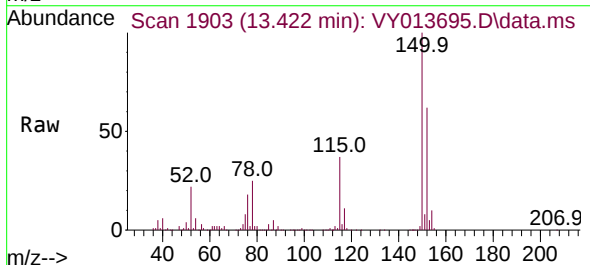
Instrument :
MSVOA_Y
ClientSampleId :
SB-X01 10-12 20230509

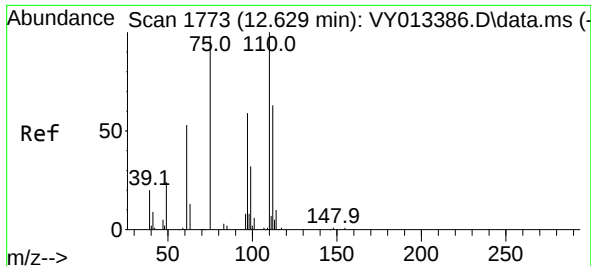
Tgt Ion:117 Resp: 311459
Ion Ratio Lower Upper
117 100
82 55.2 43.0 64.6
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013695.D
Acq: 10 May 2023 18:04

Tgt Ion:152 Resp: 143979
Ion Ratio Lower Upper
152 100
115 57.2 28.1 84.2
150 156.4 0.0 352.0

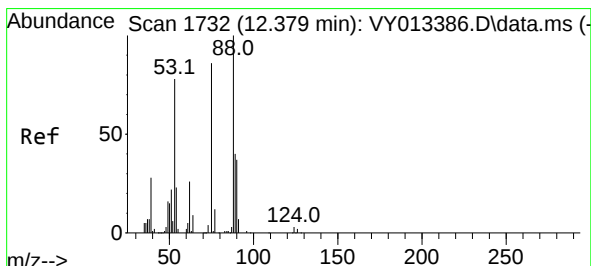
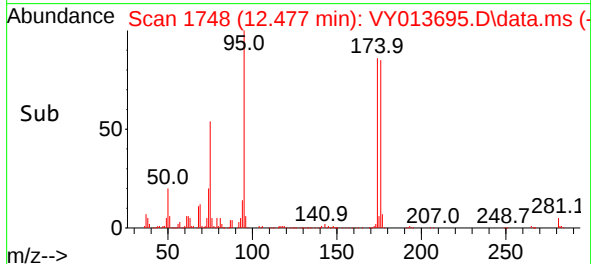
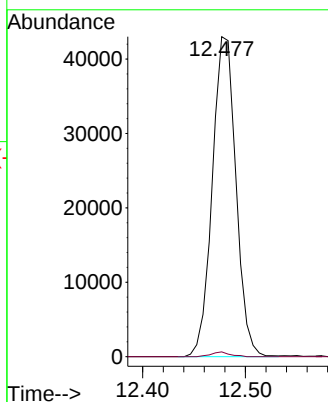
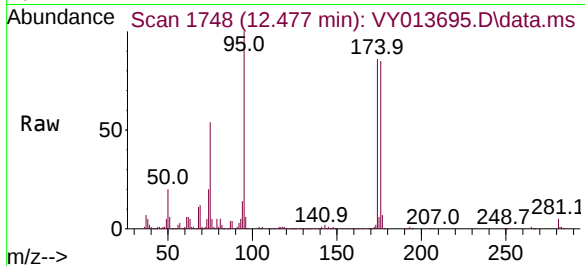




#76
1,2,3-Trichloropropane
Concen: 35.395 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013695.D
Acq: 10 May 2023 18:04

Instrument :
MSVOA_Y
ClientSampleId :
SB-X01 10-12 20230509

Tgt Ion: 75 Resp: 68727
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.402 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013695.D
Acq: 10 May 2023 18:04

Tgt Ion: 75 Resp: 68727
Ion Ratio Lower Upper
75 100
53 0.2 73.2 109.8#
89 0.1 38.0 57.0#

