

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
 Data File : VY013699.D
 Acq On : 10 May 2023 19:37
 Operator : KP/MD
 Sample : 02719-09
 Misc : 5.75g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01_0-2_20230509

Quant Time: May 11 03:32:53 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)

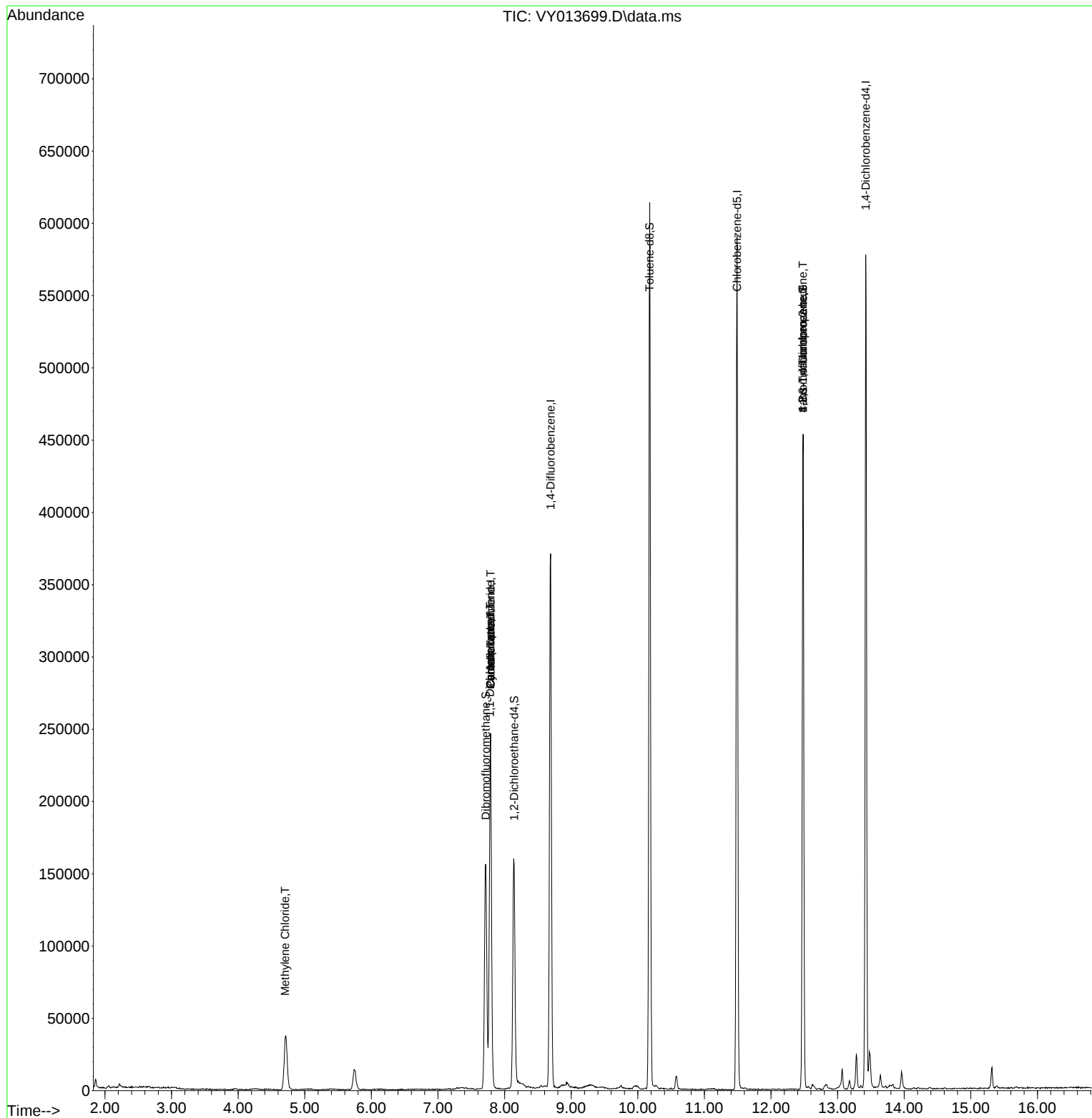
Internal Standards						
1) Pentafluorobenzene	7.789	168	184086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	315731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	312761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	146514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	129963	64.402	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.800%	
35) Dibromofluoromethane	7.716	113	108970	54.874	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.740%	
50) Toluene-d8	10.179	98	390583	55.290	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.580%	
62) 4-Bromofluorobenzene	12.477	95	125584	52.732	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.460%	
Target Compounds						
					Qvalue	
13) Acrolein	3.576	56	27	Below Cal	#	16
20) Methylene Chloride	4.704	84	27943	3.739	ug/l	89
31) Cyclohexane	7.789	56	4288	1.187	ug/l #	26
36) 1,1-Dichloropropene	7.783	75	14238	4.320	ug/l #	50
38) Carbon Tetrachloride	7.789	117	17922	5.188	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	68550	34.693	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	68550	70.966	ug/l #	13

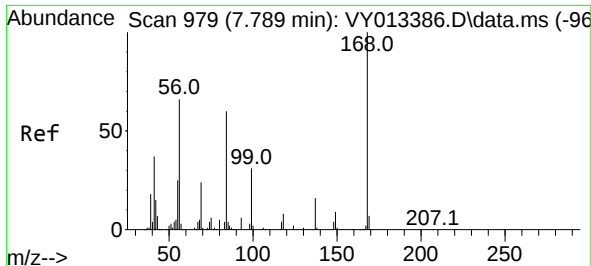
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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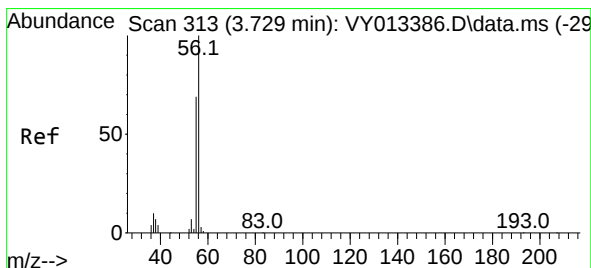
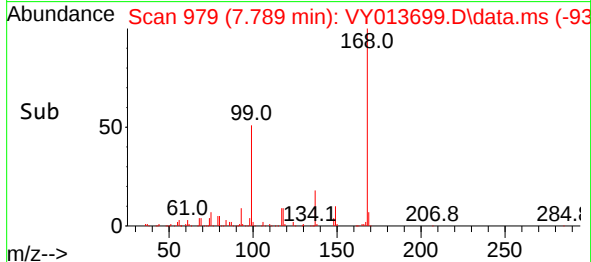
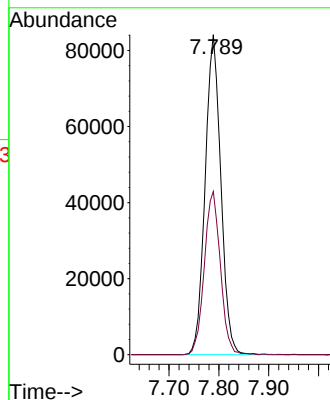
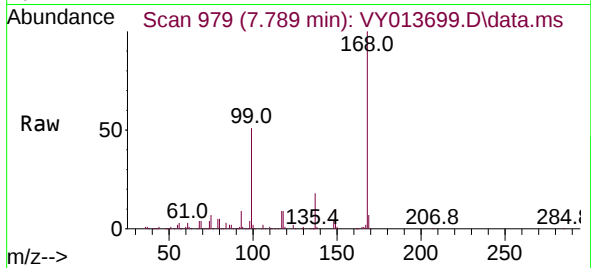




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013699.D
Acq: 10 May 2023 19:37

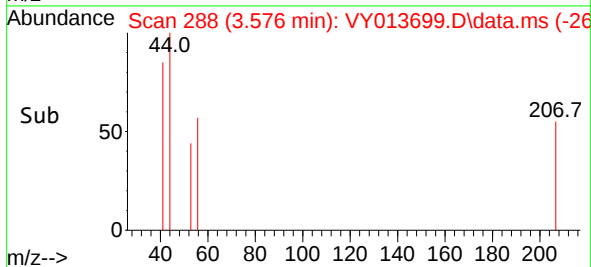
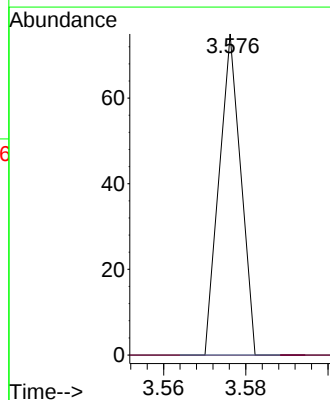
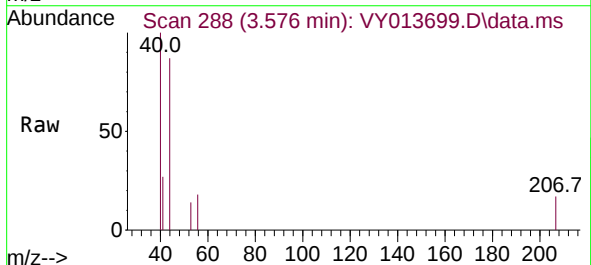
Instrument :
MSVOA_Y
ClientSampleId :
SB-01_0-2_20230509

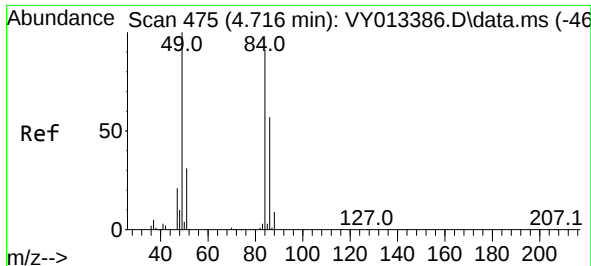
Tgt Ion:168 Resp: 184086
Ion Ratio Lower Upper
168 100
99 51.0 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.576 min Scan# 288
Delta R.T. -0.153 min
Lab File: VY013699.D
Acq: 10 May 2023 19:37

Tgt Ion: 56 Resp: 27
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#

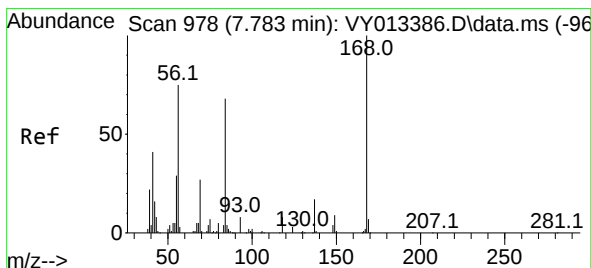
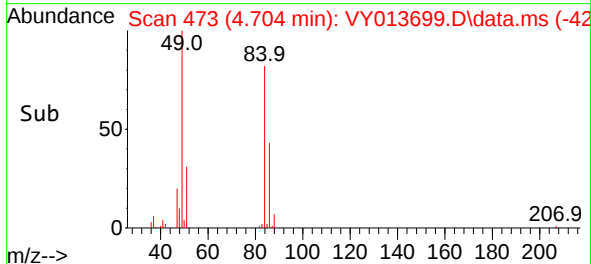
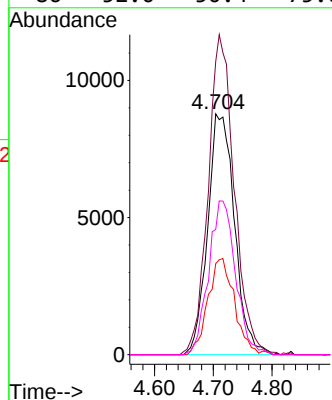
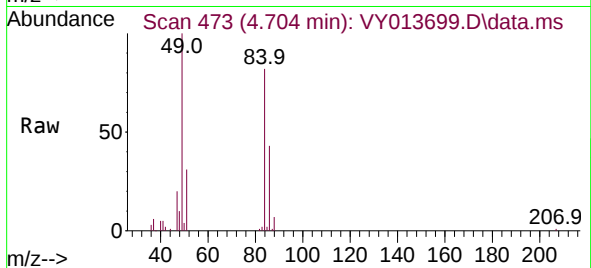




#20
Methylene Chloride
Concen: 3.739 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013699.D
Acq: 10 May 2023 19:37

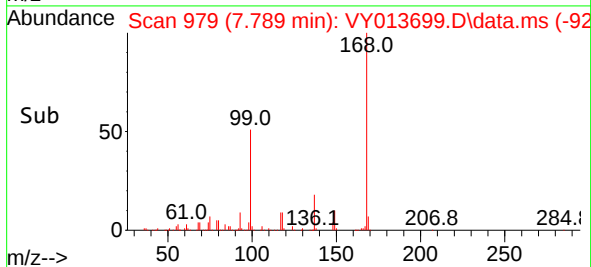
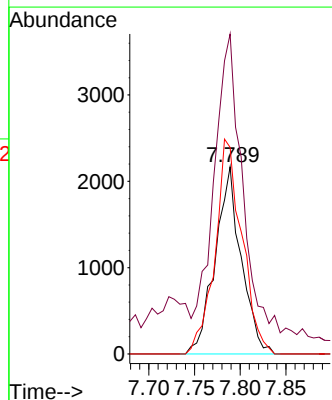
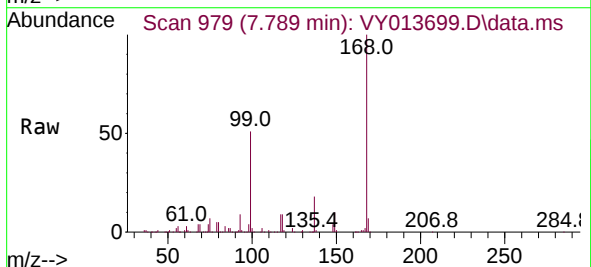
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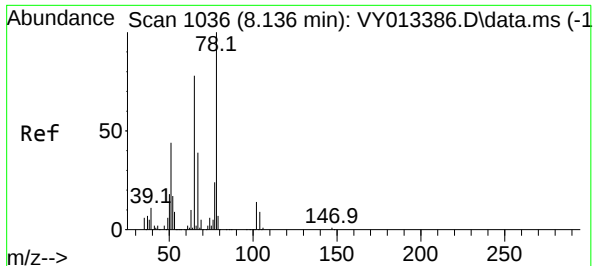
Tgt Ion:	84	Resp:	27943
Ion	Ratio	Lower	Upper
84	100		
49	121.7	88.0	132.0
51	37.8	27.4	41.0
86	52.0	50.4	75.6



#31
Cyclohexane
Concen: 1.187 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY013699.D
Acq: 10 May 2023 19:37

Tgt Ion:	56	Resp:	4288
Ion	Ratio	Lower	Upper
56	100		
69	159.7	29.2	43.8#
84	110.4	73.0	109.6#





#33

1,2-Dichloroethane-d4

Concen: 64.402 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY013699.D

Acq: 10 May 2023 19:37

Instrument :

MSVOA_Y

ClientSampleId :

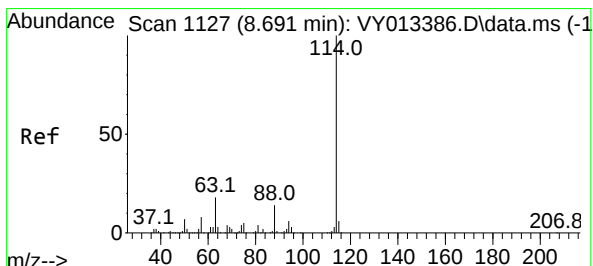
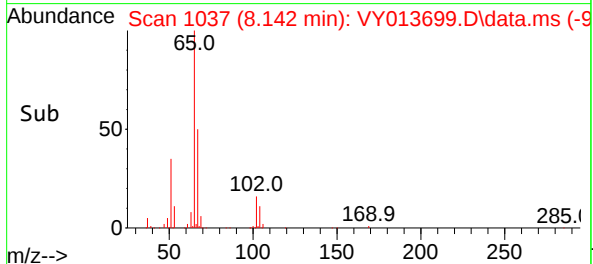
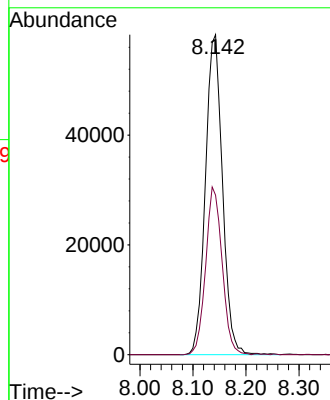
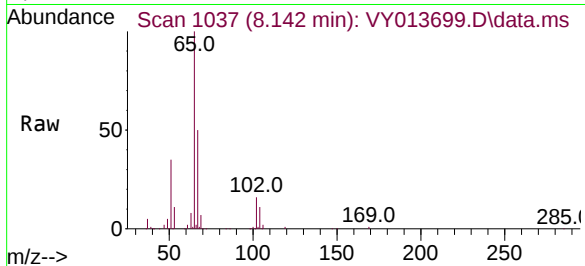
SB-01_0-2_20230509

Tgt Ion: 65 Resp: 129963

Ion Ratio Lower Upper

65 100

67 50.8 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: VY013699.D

Acq: 10 May 2023 19:37

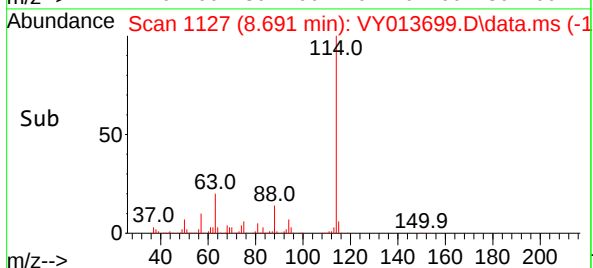
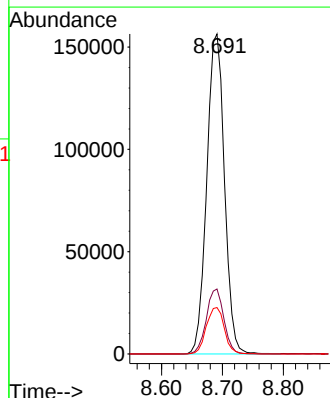
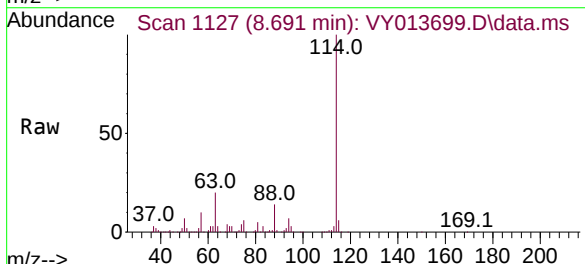
Tgt Ion:114 Resp: 315731

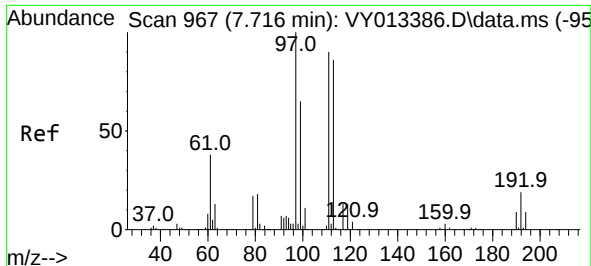
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.6

88 14.5 0.0 28.8

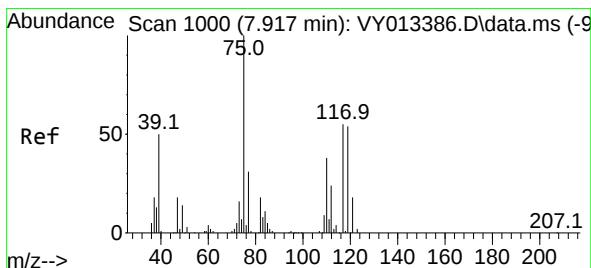
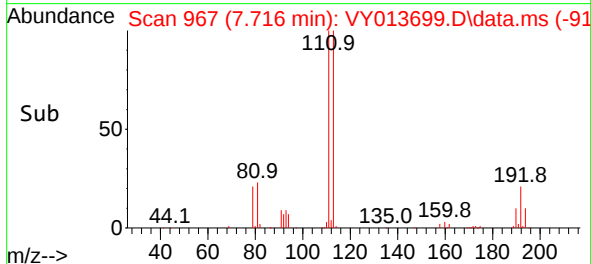
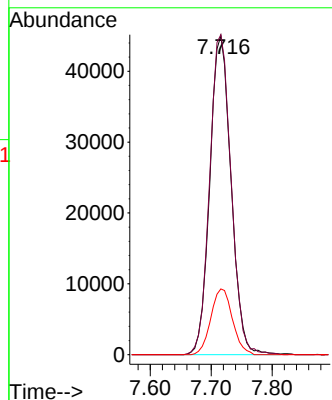
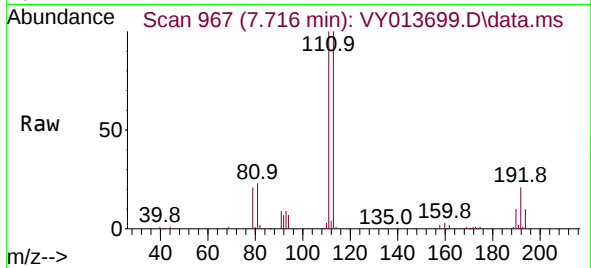




#35
Dibromofluoromethane
Concen: 54.874 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY013699.D
Acq: 10 May 2023 19:37

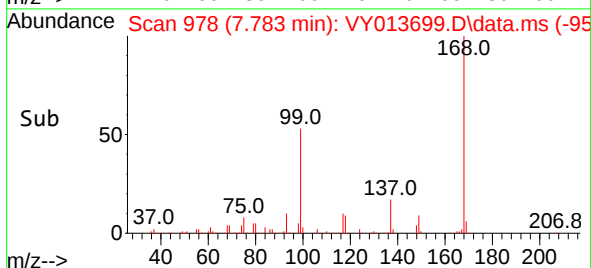
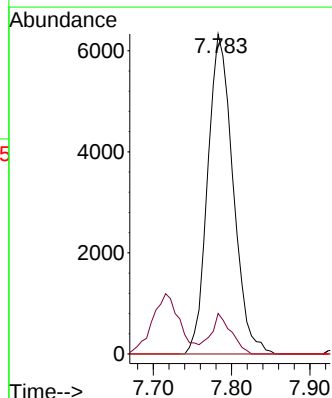
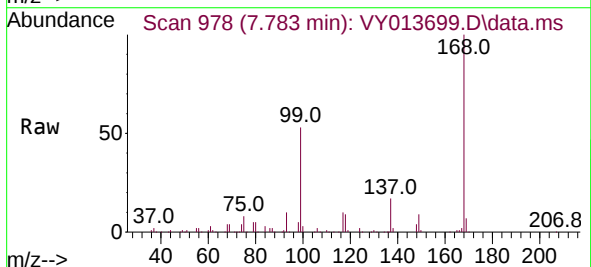
Instrument :
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ClientSampleId :
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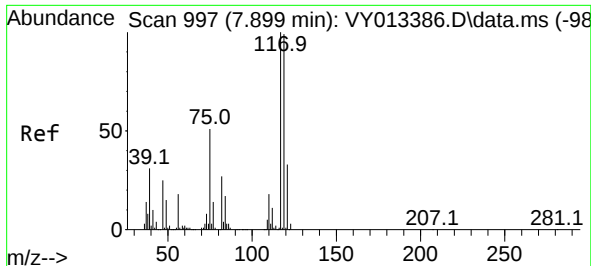
Tgt Ion:113 Resp: 108970
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.2
192 21.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.320 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY013699.D
Acq: 10 May 2023 19:37

Tgt Ion: 75 Resp: 14238
Ion Ratio Lower Upper
75 100
110 10.1 18.7 56.1#
77 0.0 24.6 37.0#

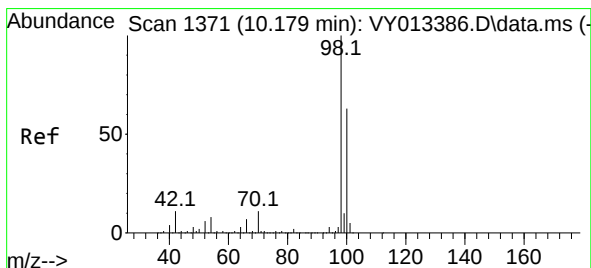
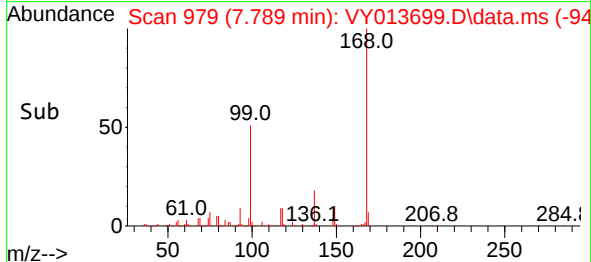
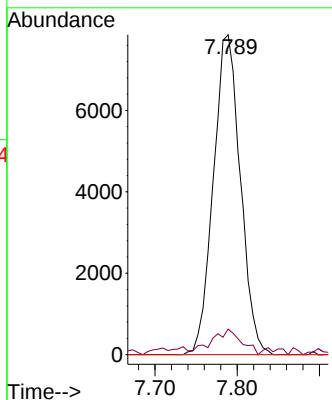
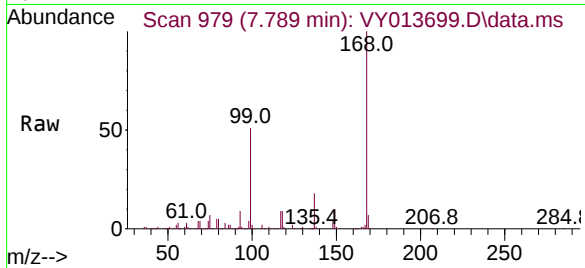




#38
Carbon Tetrachloride
Concen: 5.188 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013699.D
Acq: 10 May 2023 19:37

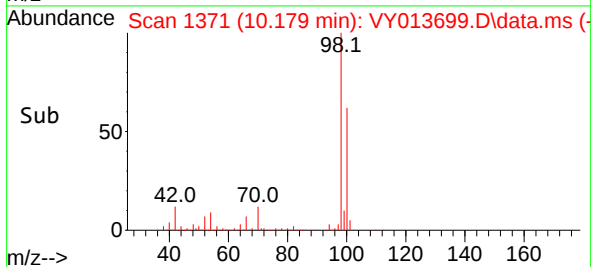
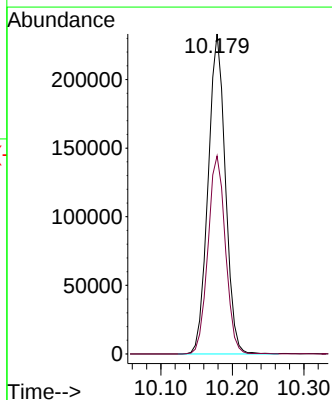
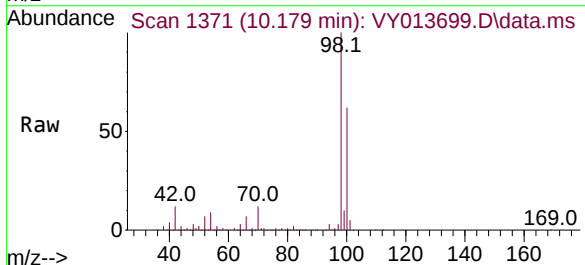
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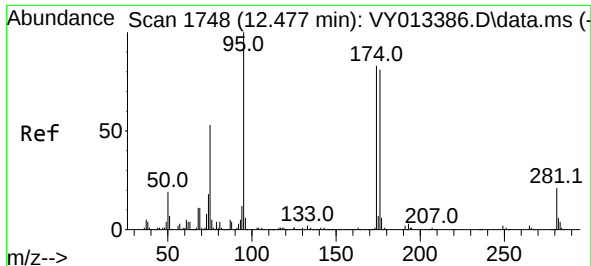
Tgt Ion:117 Resp: 17922
Ion Ratio Lower Upper
117 100
119 6.2 79.0 118.6#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 55.290 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013699.D
Acq: 10 May 2023 19:37

Tgt Ion: 98 Resp: 390583
Ion Ratio Lower Upper
98 100
100 62.6 50.5 75.7

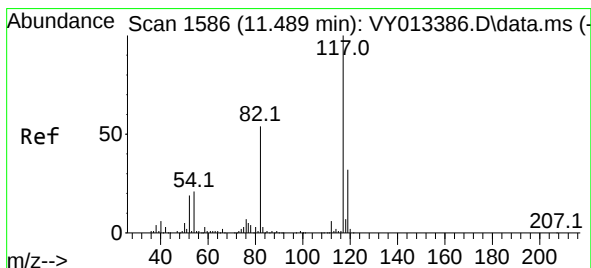
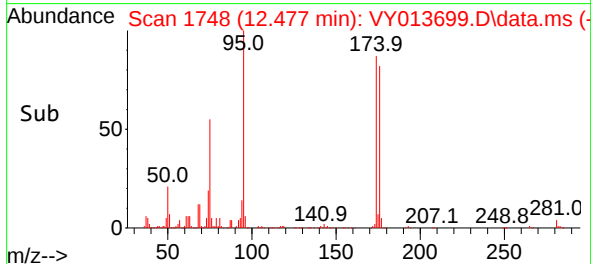
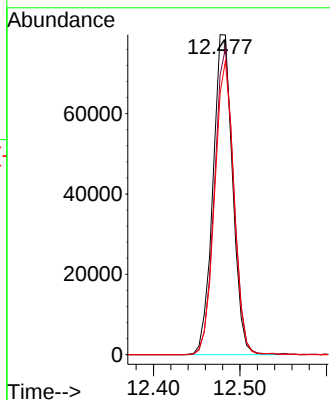
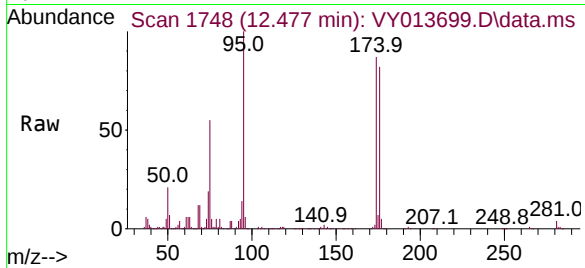




#62
4-Bromofluorobenzene
Concen: 52.732 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013699.D
Acq: 10 May 2023 19:37

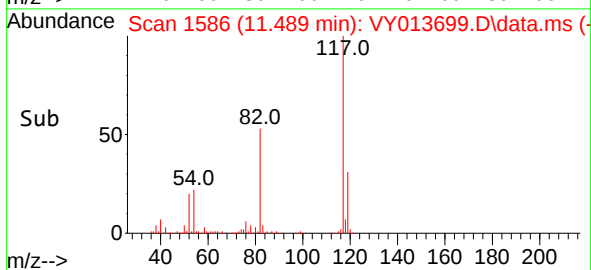
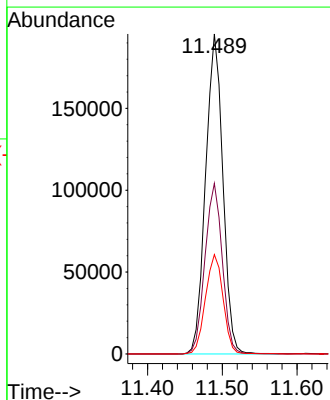
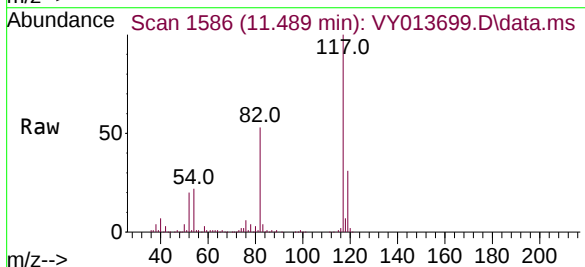
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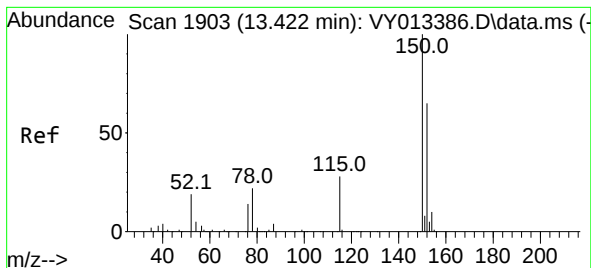
Tgt Ion: 95 Resp: 125584
Ion Ratio Lower Upper
95 100
174 94.0 0.0 182.0
176 89.6 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013699.D
Acq: 10 May 2023 19:37

Tgt Ion: 117 Resp: 312761
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.6
119 31.1 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: VY013699.D

Acq: 10 May 2023 19:37

Instrument :

MSVOA_Y

ClientSampleId :

SB-01_0-2_20230509

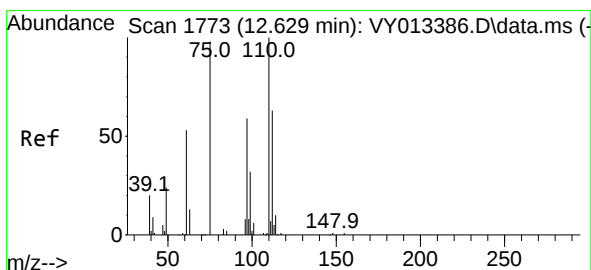
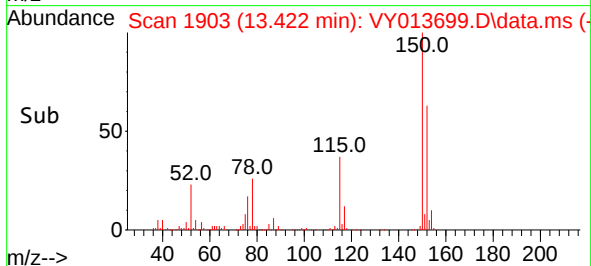
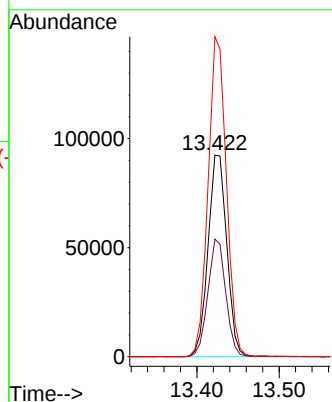
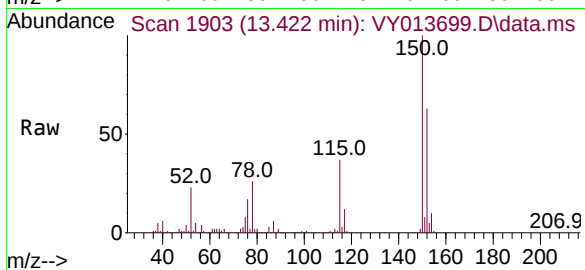
Tgt Ion:152 Resp: 146514

Ion Ratio Lower Upper

152 100

115 55.4 28.1 84.2

150 154.2 0.0 352.0



#76

1,2,3-Trichloropropane

Concen: 34.693 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY013699.D

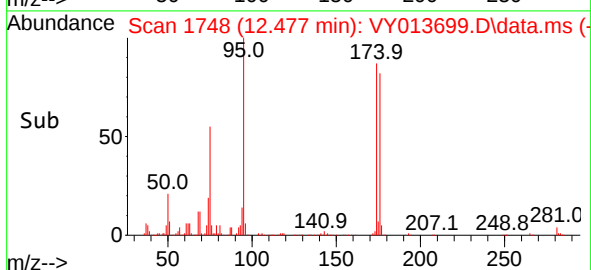
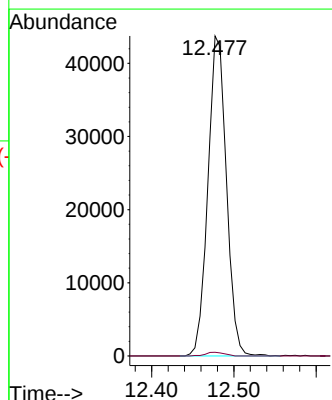
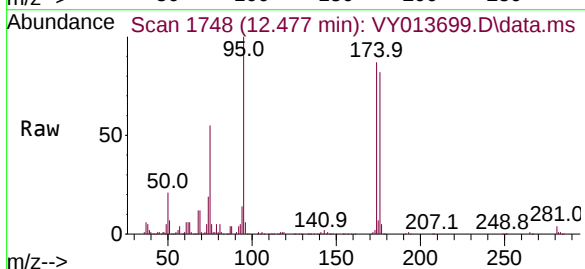
Acq: 10 May 2023 19:37

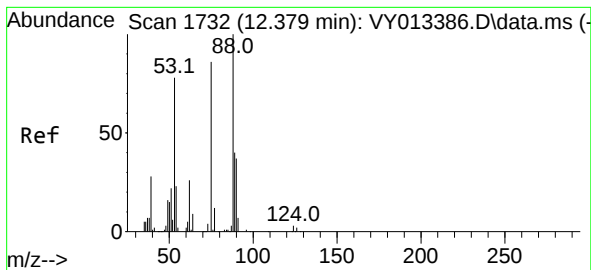
Tgt Ion: 75 Resp: 68550

Ion Ratio Lower Upper

75 100

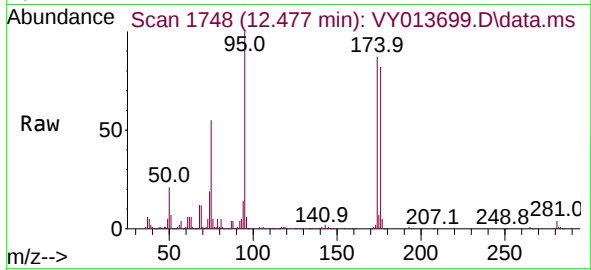
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.966 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY013699.D
Acq: 10 May 2023 19:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-01_0-2_20230509



Tgt Ion: 75 Resp: 68550
Ion Ratio Lower Upper
75 100
53 0.4 73.2 109.8#
89 0.0 38.0 57.0#

