

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051123\
 Data File : VY013711.D
 Acq On : 11 May 2023 12:40
 Operator : KP/MD
 Sample : 02719-08
 Misc : 6.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02_5-7_20230509

Quant Time: May 12 04:41:01 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)

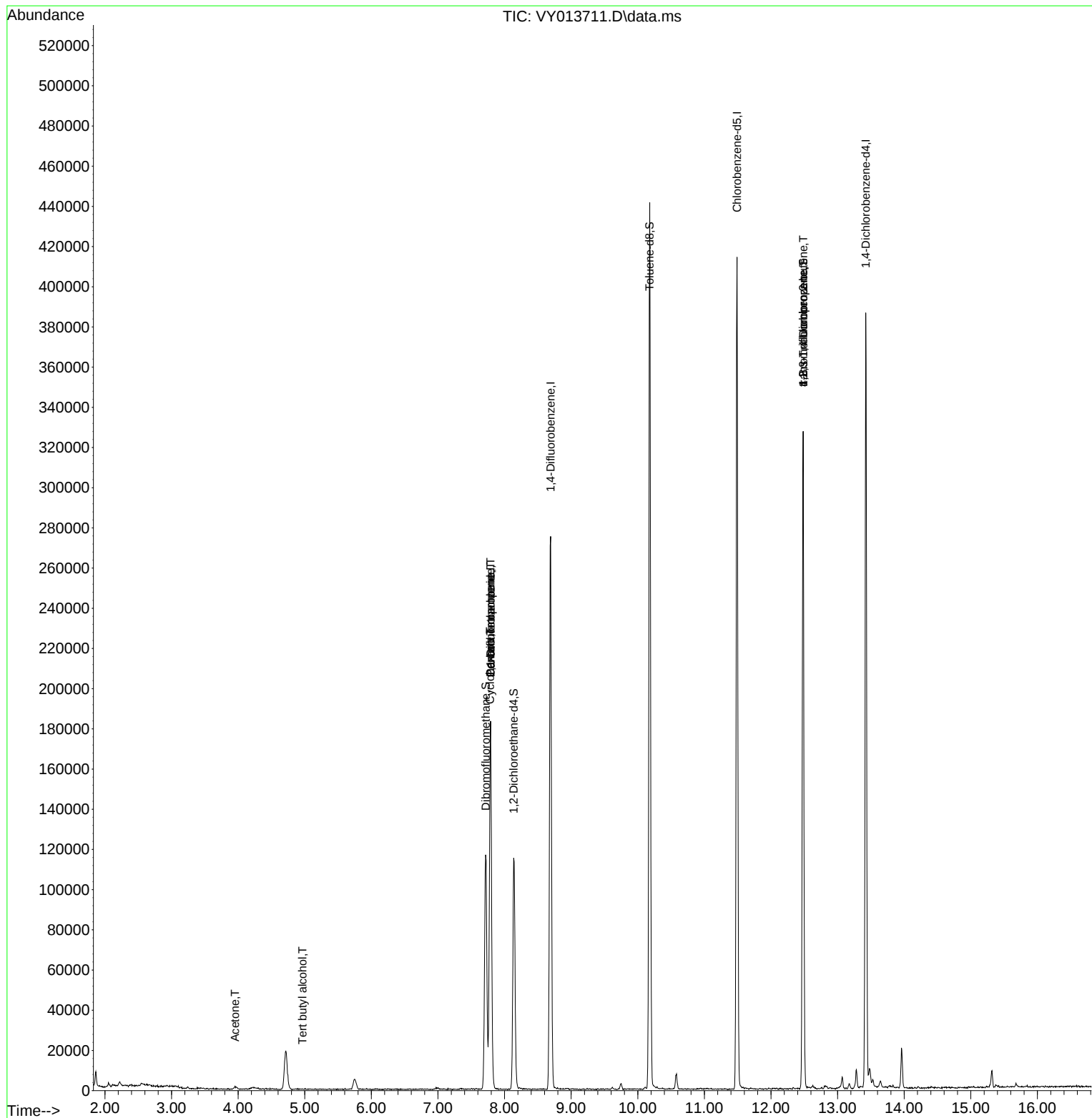
Internal Standards						
1) Pentafluorobenzene	7.789	168	140065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	229387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	222392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	99445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	95606	62.267	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 124.540%	
35) Dibromofluoromethane	7.716	113	81396	56.418	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 112.840%	
50) Toluene-d8	10.179	98	283018	55.143	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134		Recovery	= 110.280%	
62) 4-Bromofluorobenzene	12.483	95	87126	50.354	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143		Recovery	= 100.700%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	123	1.359	ug/l #	89
13) Acrolein	3.522	56	24	Below Cal	#	16
16) Acetone	3.954	43	2180	3.605	ug/l #	79
20) Methylene Chloride	4.716	84	14144	Below Cal		91
31) Cyclohexane	7.783	56	3350	1.219	ug/l #	48
36) 1,1-Dichloropropene	7.789	75	11009	4.598	ug/l #	50
38) Carbon Tetrachloride	7.789	117	13449	5.359	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	47254	35.234	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47254	72.074	ug/l #	13

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

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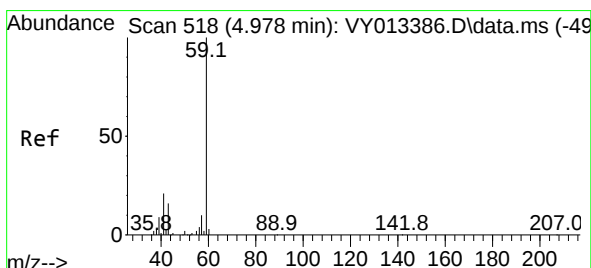
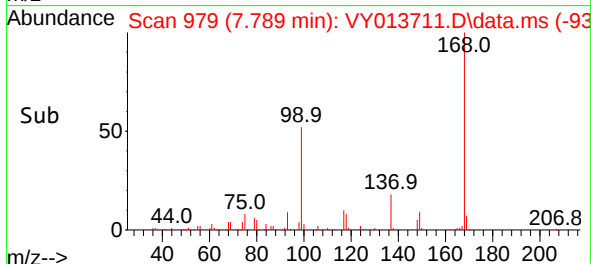
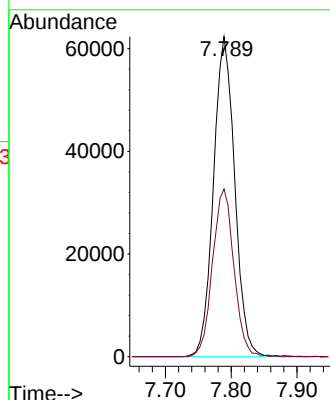
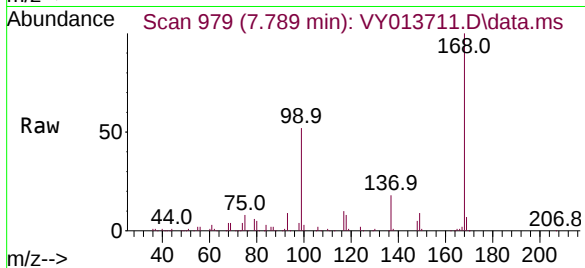




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013711.D
Acq: 11 May 2023 12:40

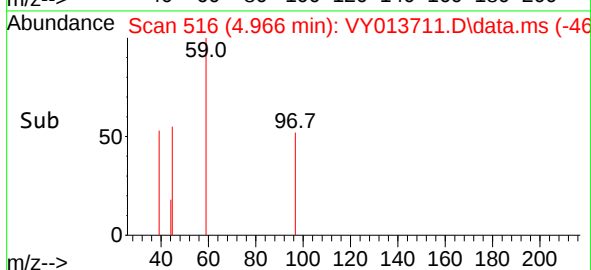
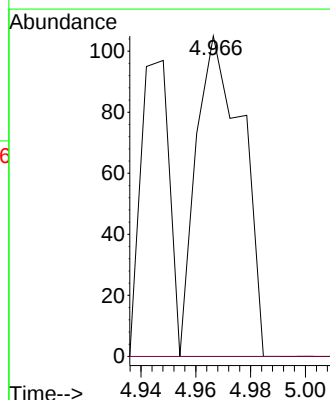
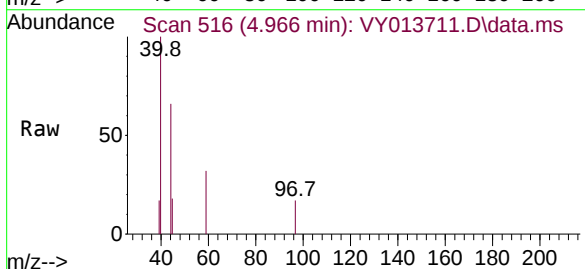
Instrument :
MSVOA_Y
ClientSampleId :
SB-02_5-7_20230509

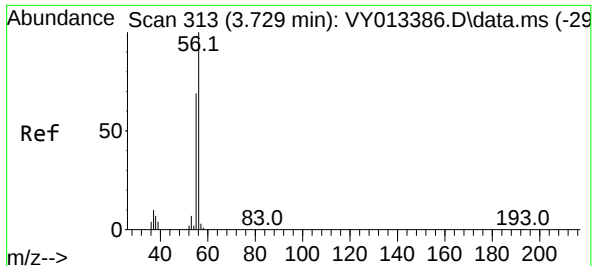
Tgt Ion:168 Resp: 140065
Ion Ratio Lower Upper
168 100
99 52.4 41.8 62.6



#11
Tert butyl alcohol
Concen: 1.359 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY013711.D
Acq: 11 May 2023 12:40

Tgt Ion: 59 Resp: 123
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

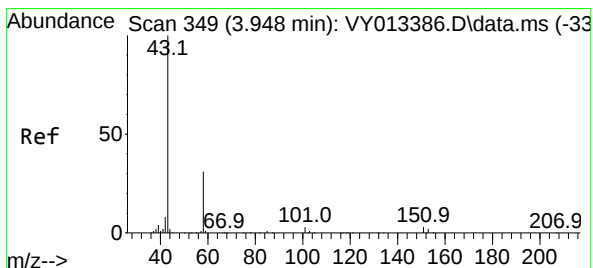
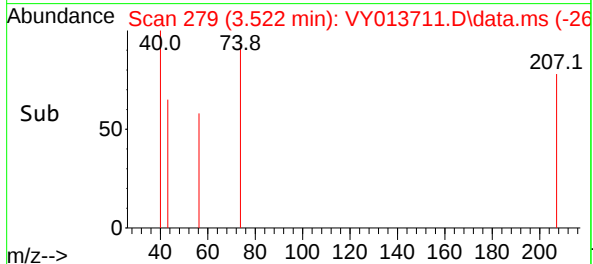
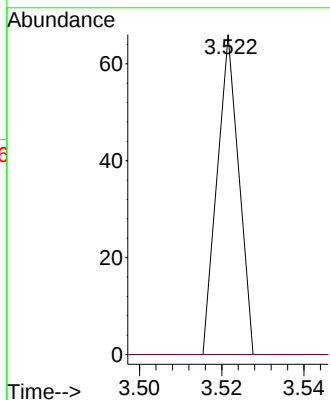
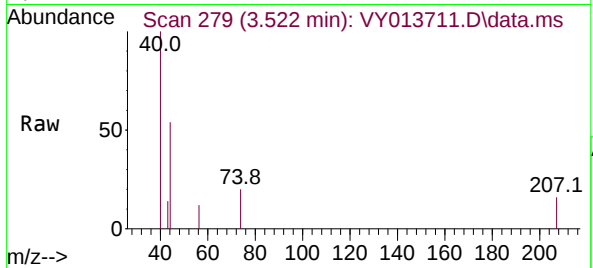




#13
Acrolein
Concen: Below Cal
RT: 3.522 min Scan# 21
Delta R.T. -0.207 min
Lab File: VY013711.D
Acq: 11 May 2023 12:40

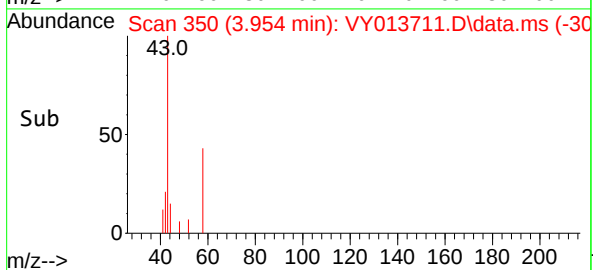
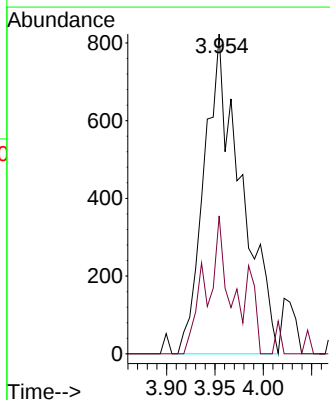
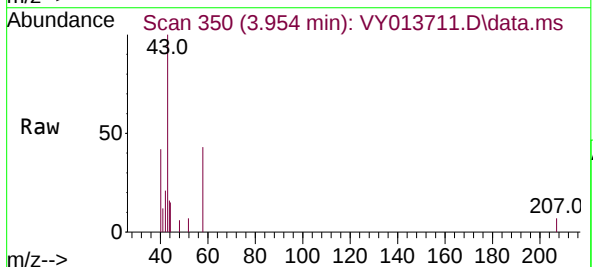
Instrument :
MSVOA_Y
ClientSampleId :
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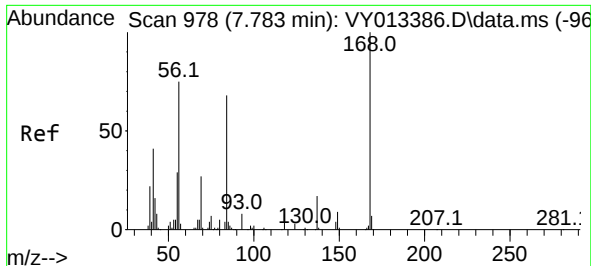
Tgt Ion: 56 Resp: 24
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#



#16
Acetone
Concen: 3.605 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013711.D
Acq: 11 May 2023 12:40

Tgt Ion: 43 Resp: 2180
Ion Ratio Lower Upper
43 100
58 43.1 25.4 38.0#

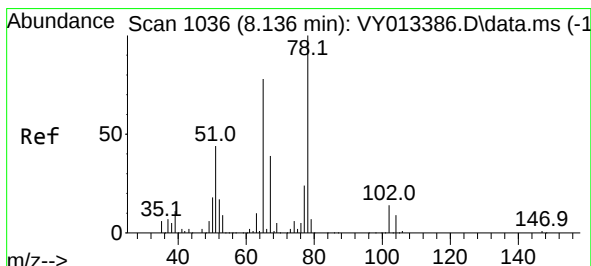
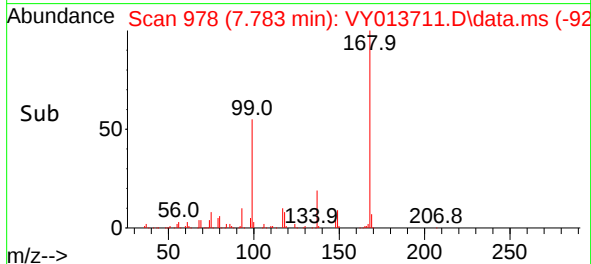
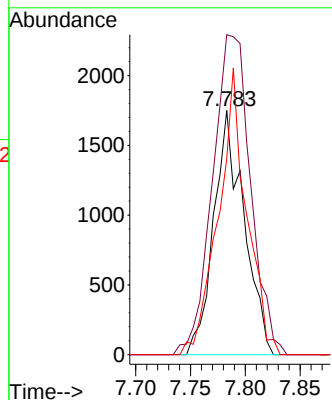
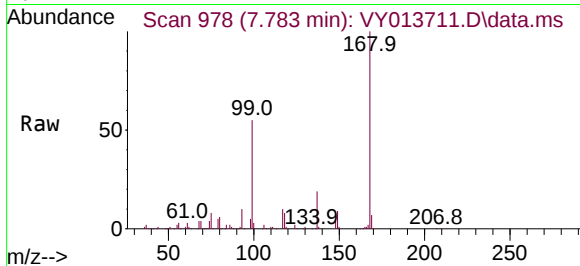




#31
Cyclohexane
Concen: 1.219 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013711.D
Acq: 11 May 2023 12:40

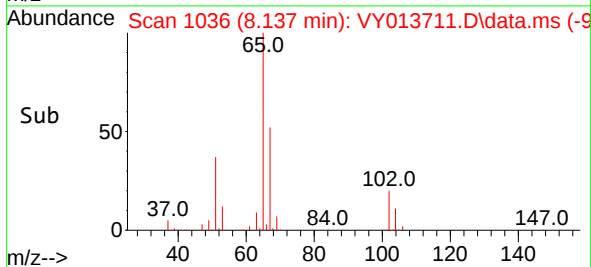
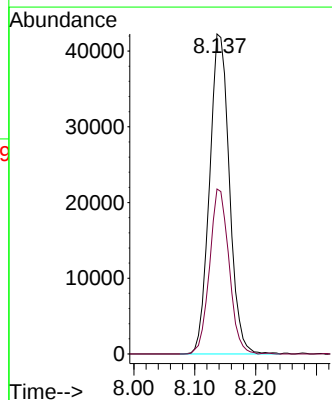
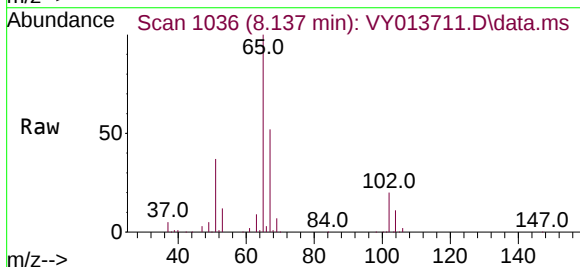
Instrument :
MSVOA_Y
ClientSampleId :
SB-02_5-7_20230509

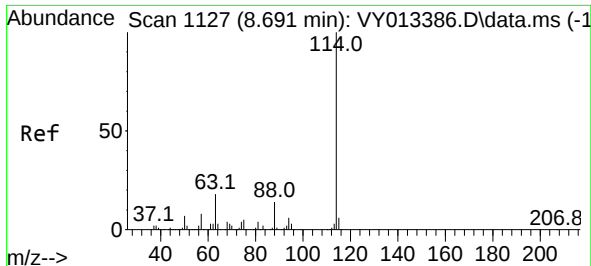
Tgt Ion: 56 Resp: 3350
Ion Ratio Lower Upper
56 100
69 127.0 29.2 43.8#
84 80.2 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 62.267 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY013711.D
Acq: 11 May 2023 12:40

Tgt Ion: 65 Resp: 95606
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: VY013711.D

Acq: 11 May 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

SB-02_5-7_20230509

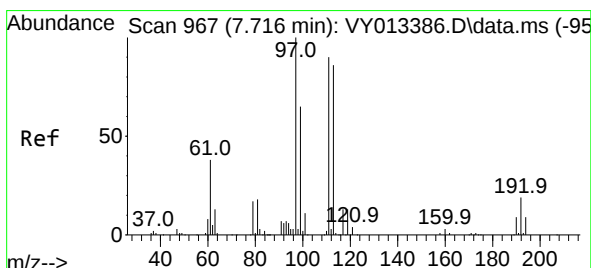
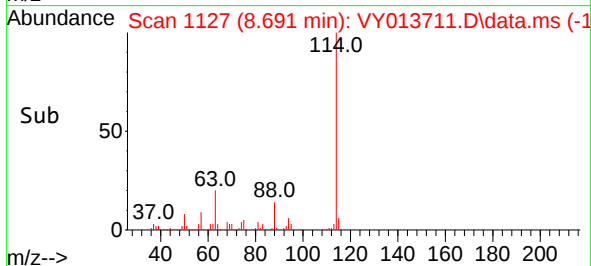
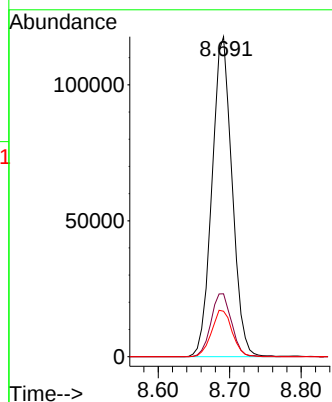
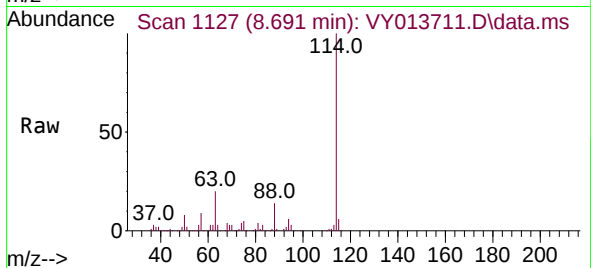
Tgt Ion:114 Resp: 229387

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.6

88 14.2 0.0 28.8



#35

Dibromofluoromethane

Concen: 56.418 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013711.D

Acq: 11 May 2023 12:40

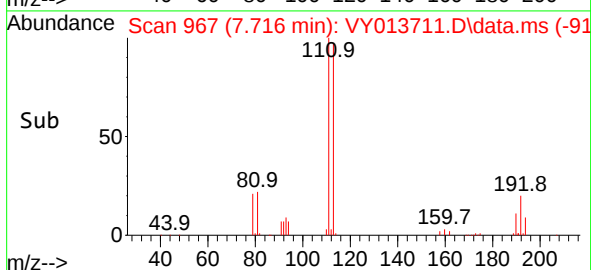
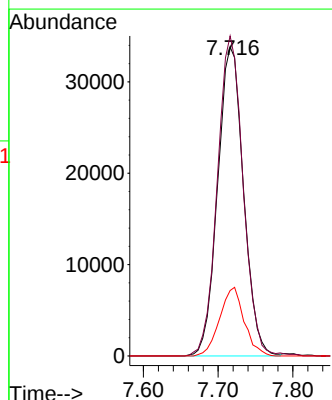
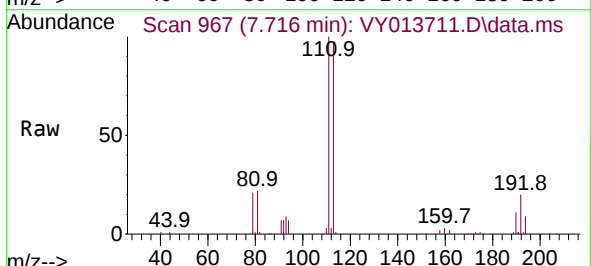
Tgt Ion:113 Resp: 81396

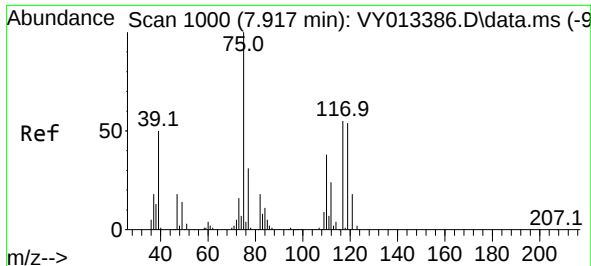
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

192 21.1 16.7 25.1

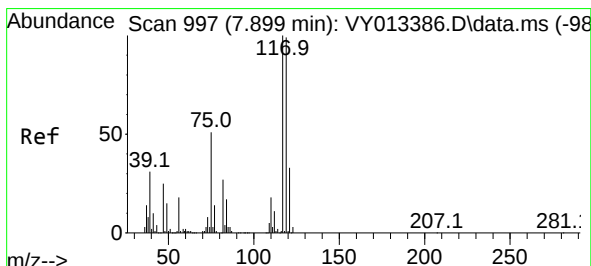
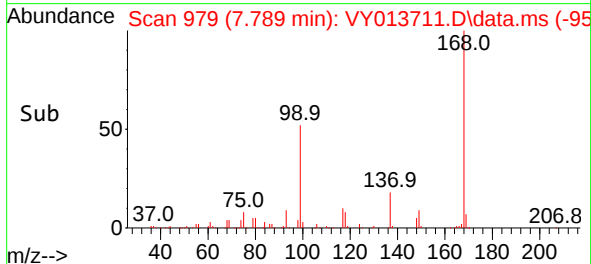
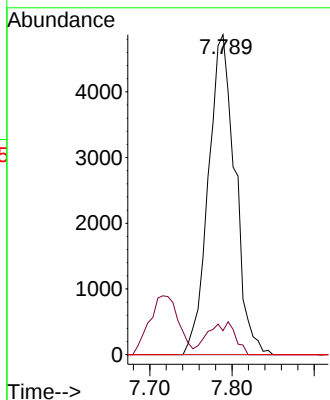
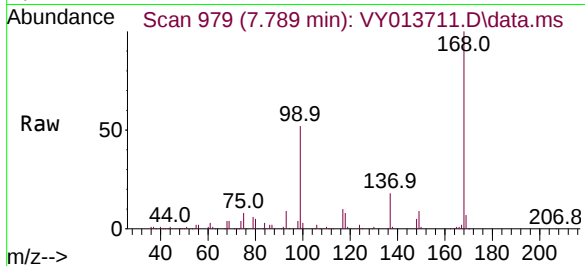




#36
1,1-Dichloropropene
Concen: 4.598 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.128 min
Lab File: VY013711.D
Acq: 11 May 2023 12:40

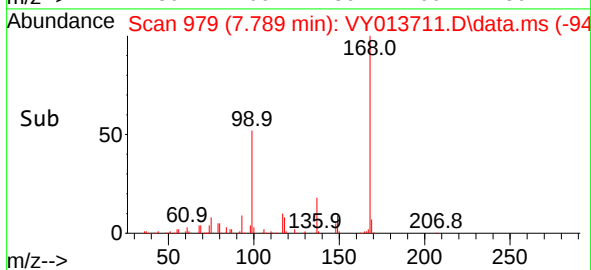
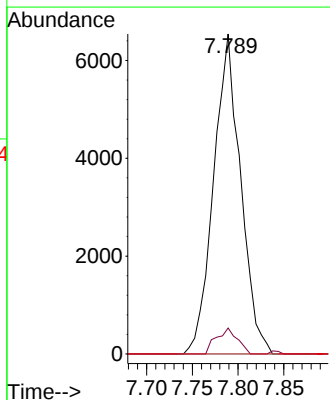
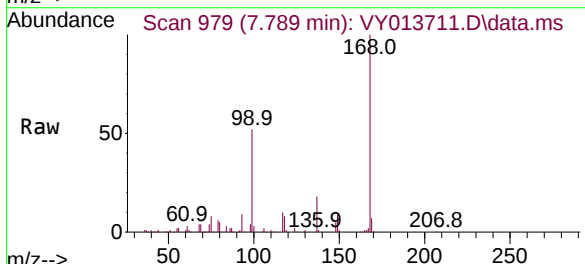
Instrument :
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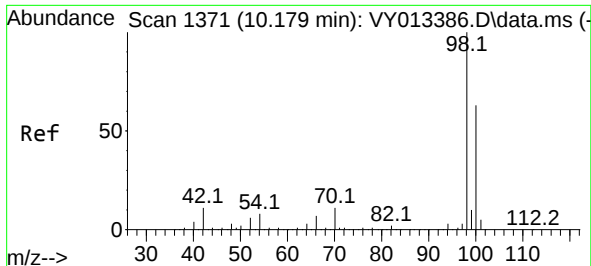
Tgt Ion: 75 Resp: 11009
Ion Ratio Lower Upper
75 100
110 10.4 18.7 56.1#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.359 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY013711.D
Acq: 11 May 2023 12:40

Tgt Ion: 117 Resp: 13449
Ion Ratio Lower Upper
117 100
119 8.1 79.0 118.6#
121 0.0 26.6 40.0#

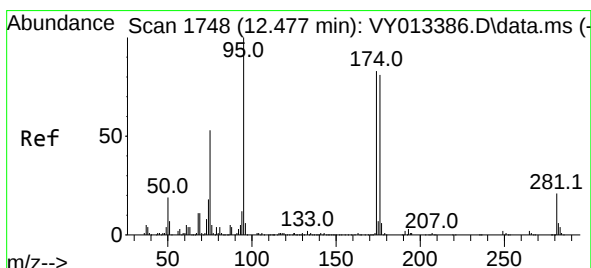
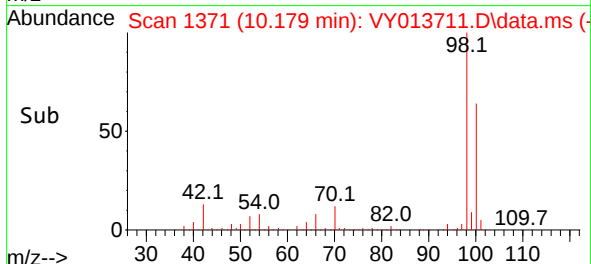
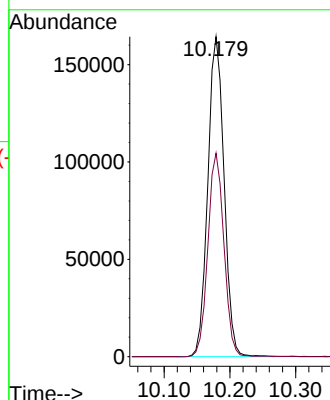
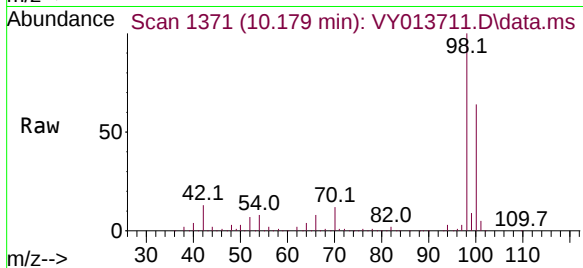




#50
Toluene-d8
Concen: 55.143 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013711.D
Acq: 11 May 2023 12:40

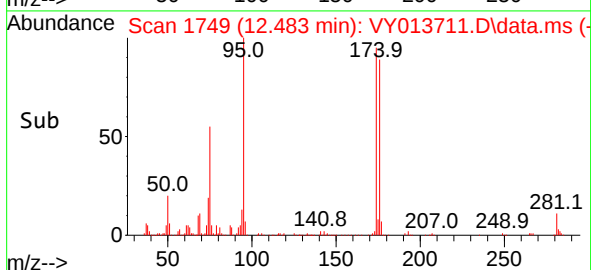
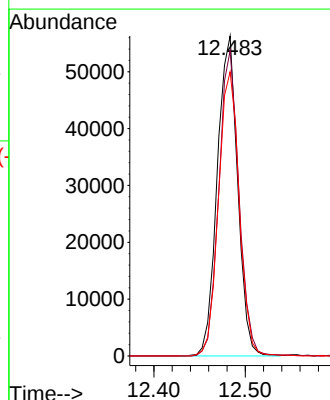
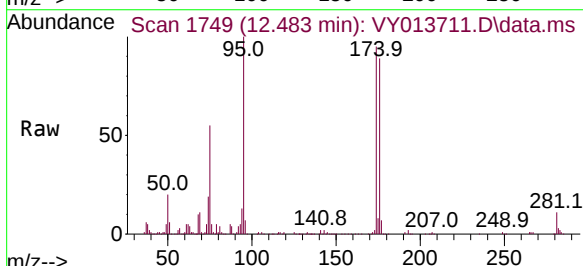
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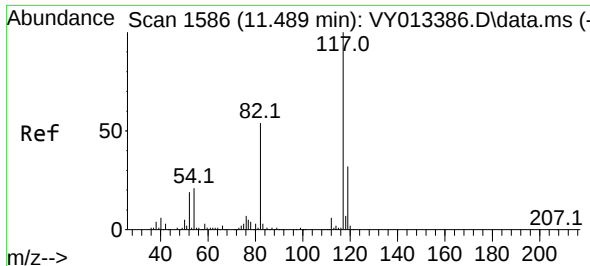
Tgt Ion: 98 Resp: 283018
Ion Ratio Lower Upper
98 100
100 62.8 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 50.354 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013711.D
Acq: 11 May 2023 12:40

Tgt Ion: 95 Resp: 87126
Ion Ratio Lower Upper
95 100
174 94.5 0.0 182.0
176 90.6 0.0 175.4

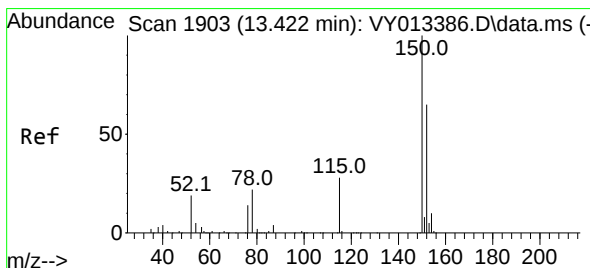
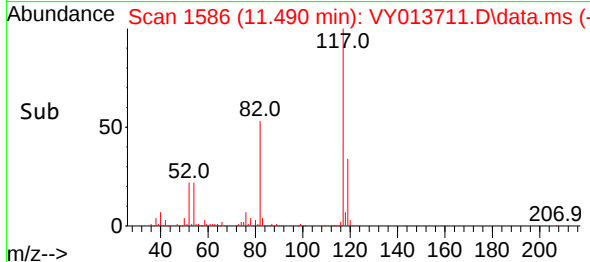
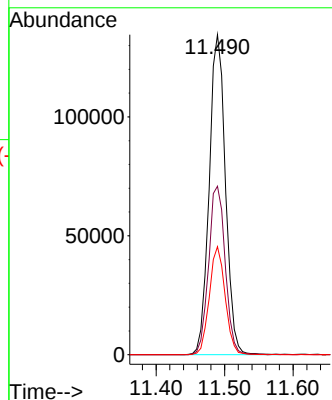
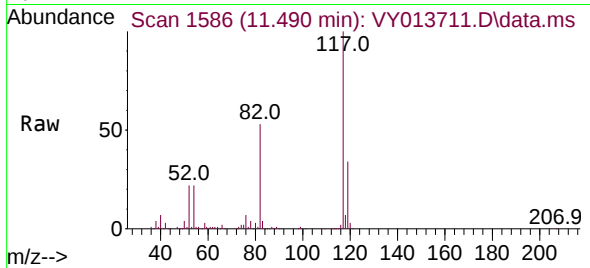




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY013711.D
Acq: 11 May 2023 12:40

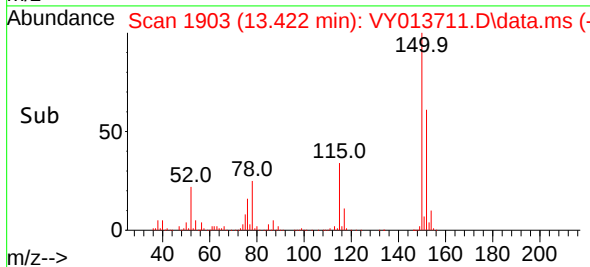
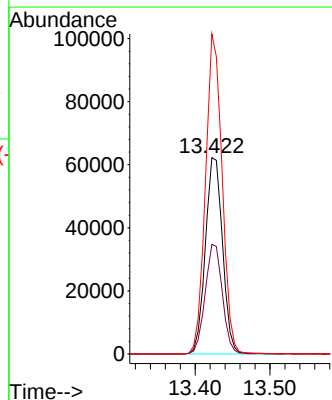
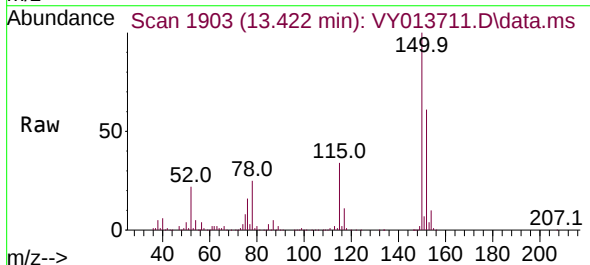
Instrument :
MSVOA_Y
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SB-02_5-7_20230509

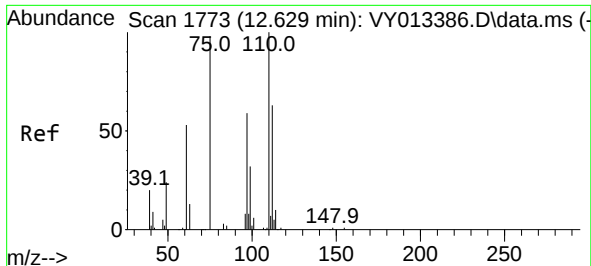
Tgt Ion:117 Resp: 222392
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.6
119 33.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013711.D
Acq: 11 May 2023 12:40

Tgt Ion:152 Resp: 99445
Ion Ratio Lower Upper
152 100
115 55.8 28.1 84.2
150 157.4 0.0 352.0

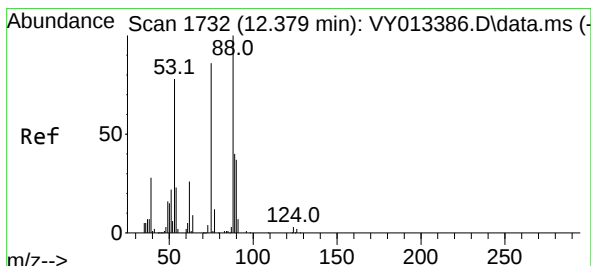
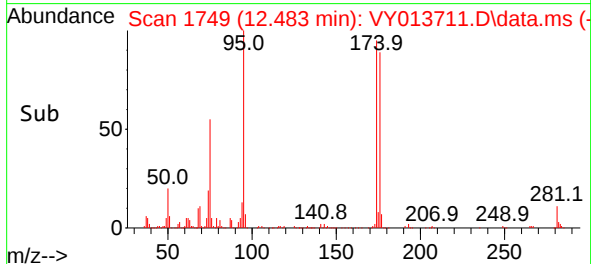
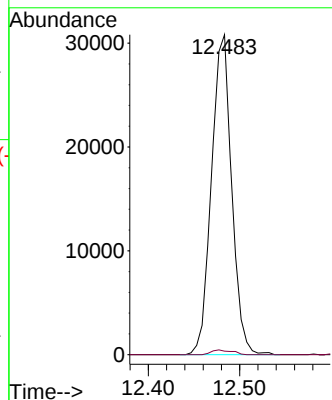
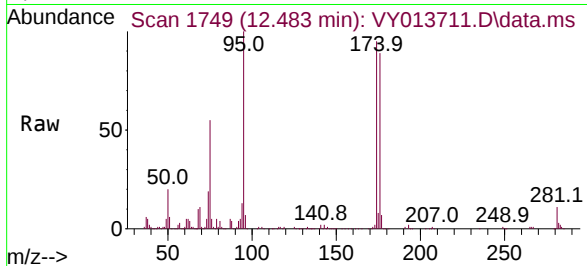




#76
1,2,3-Trichloropropane
Concen: 35.234 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY013711.D
Acq: 11 May 2023 12:40

Instrument :
MSVOA_Y
ClientSampleId :
SB-02_5-7_20230509

Tgt Ion: 75 Resp: 47254
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.074 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013711.D
Acq: 11 May 2023 12:40

Tgt Ion: 75 Resp: 47254
Ion Ratio Lower Upper
75 100
53 0.0 73.2 109.8#
89 0.2 38.0 57.0#

