

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
 Data File : VY013452.D
 Acq On : 25 Apr 2023 17:26
 Operator : KP/MD
 Sample : 02423-02RE
 Misc : 4.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPD-1WC-23-04-18

Quant Time: Apr 26 02:52:28 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)

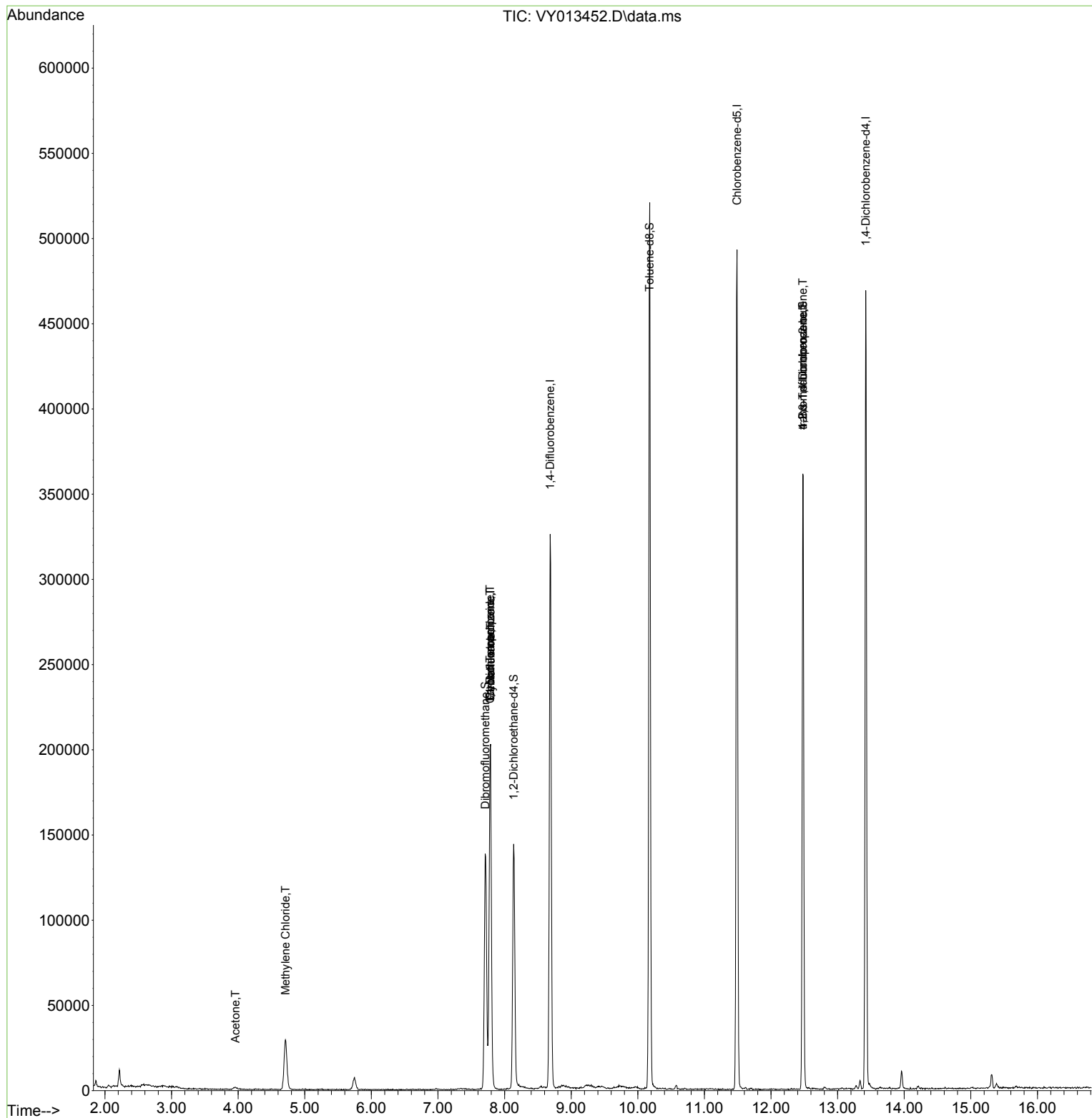
Internal Standards						
1) Pentafluorobenzene	7.789	168	158009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	272416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	261523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	120149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112273	64.818	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.640%	
35) Dibromofluoromethane	7.710	113	96574	56.365	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.720%	
50) Toluene-d8	10.179	98	334863	54.939	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.880%	
62) 4-Bromofluorobenzene	12.477	95	106822	51.986	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.980%	
Target Compounds						
					Qvalue	
13) Acrolein	3.735	56	19	Below Cal	#	16
16) Acetone	3.960	43	3019	4.426	ug/l #	80
20) Methylene Chloride	4.710	84	20435	1.757	ug/l	91
31) Cyclohexane	7.789	56	3611	1.164	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	12184	4.285	ug/l #	50
38) Carbon Tetrachloride	7.783	117	15153	5.084	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	56938	35.139	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	56938	71.879	ug/l #	13

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

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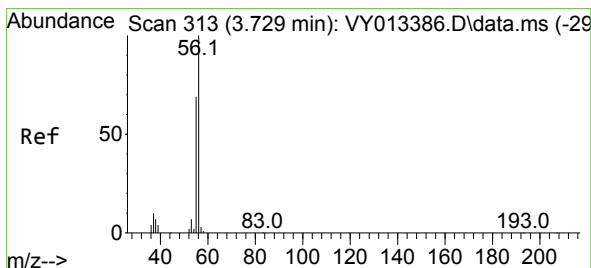
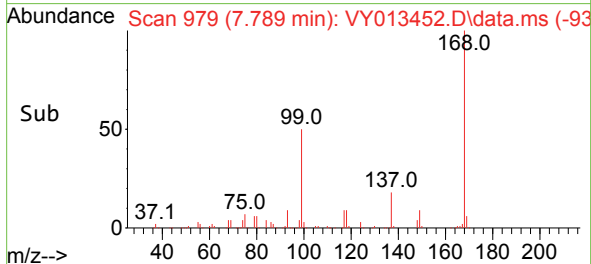
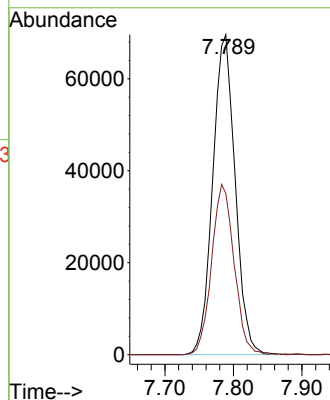
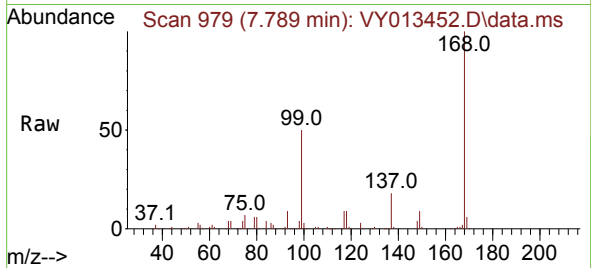




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013452.D
Acq: 25 Apr 2023 17:26

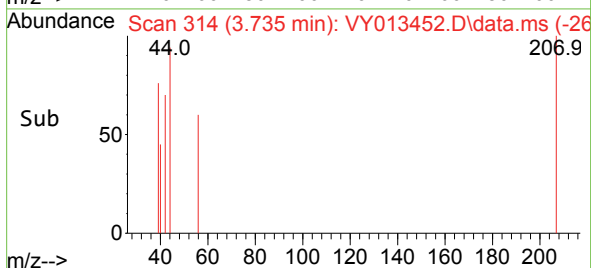
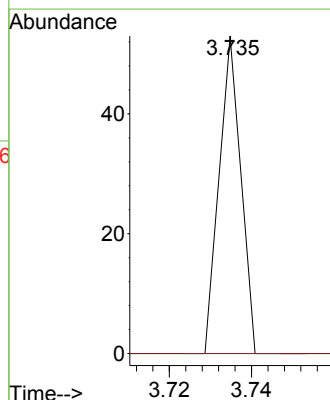
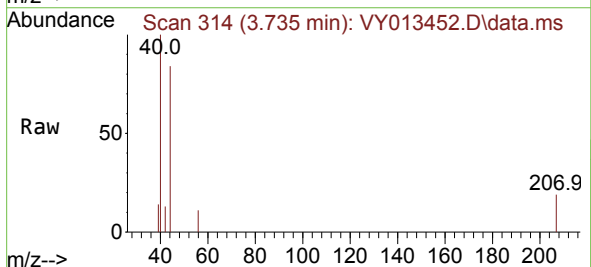
Instrument :
MSVOA_Y
ClientSampleId :
SPD-1WC-23-04-18

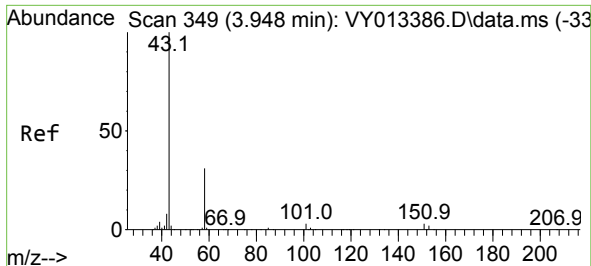
Tgt Ion:168 Resp: 158009
Ion Ratio Lower Upper
168 100
99 50.4 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. 0.006 min
Lab File: VY013452.D
Acq: 25 Apr 2023 17:26

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

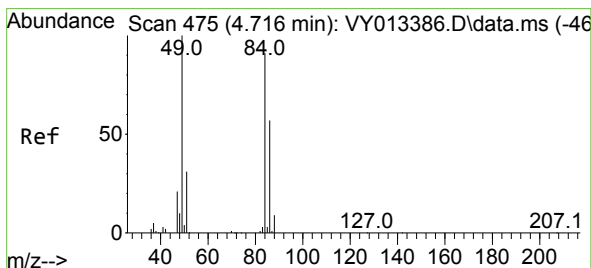
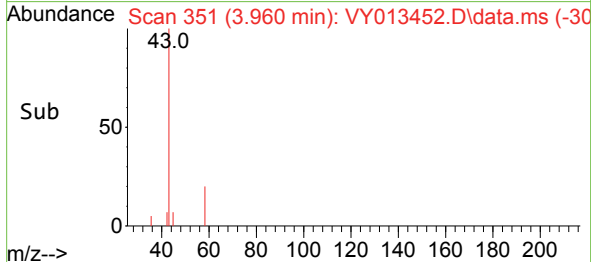
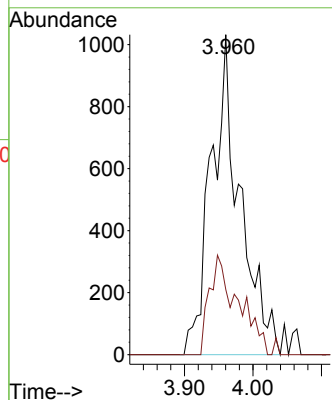
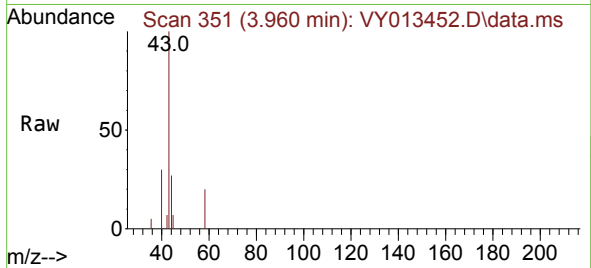




#16
Acetone
Concen: 4.426 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY013452.D
Acq: 25 Apr 2023 17:26

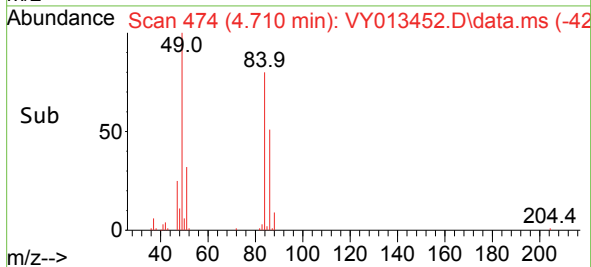
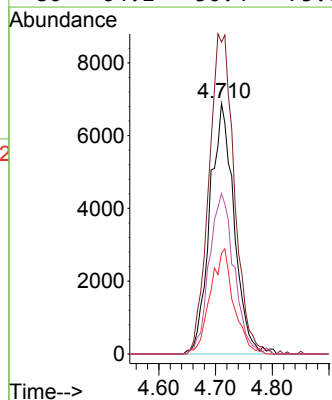
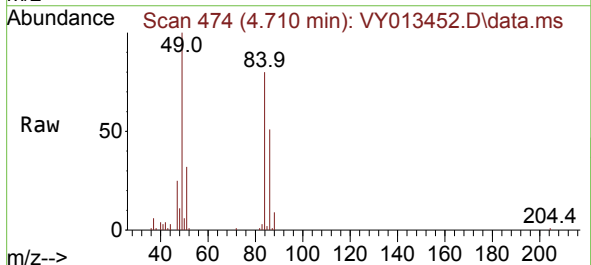
Instrument :
MSVOA_Y
ClientSampleId :
SPD-1WC-23-04-18

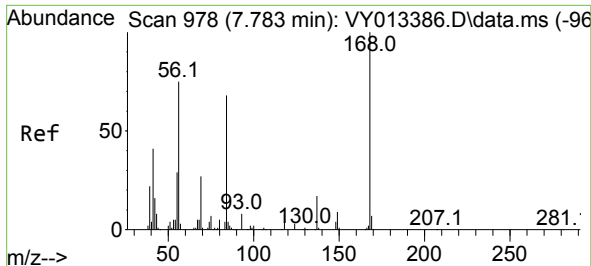
Tgt Ion: 43 Resp: 3019
Ion Ratio Lower Upper
43 100
58 20.3 25.4 38.0#



#20
Methylene Chloride
Concen: 1.757 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013452.D
Acq: 25 Apr 2023 17:26

Tgt Ion: 84 Resp: 20435
Ion Ratio Lower Upper
84 100
49 124.5 88.0 132.0
51 40.2 27.4 41.0
86 64.1 50.4 75.6

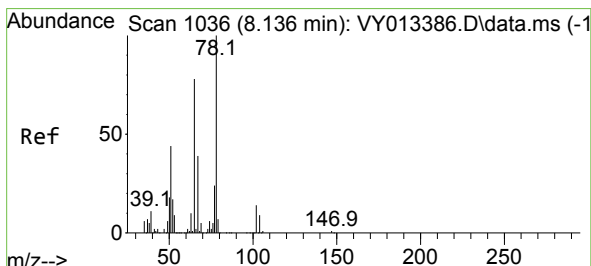
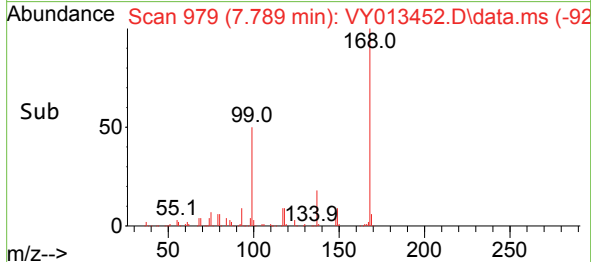
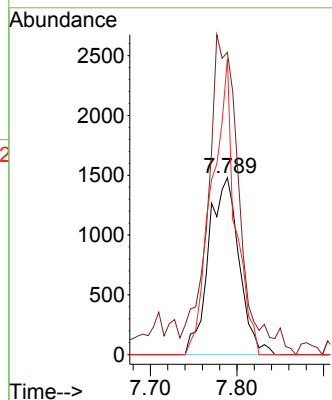
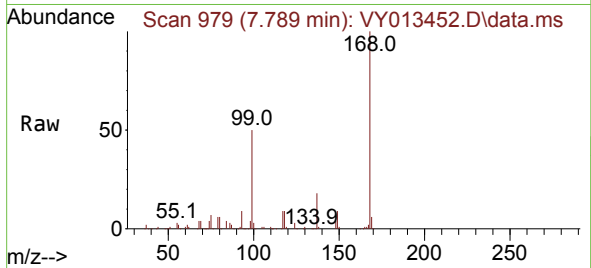




#31
Cyclohexane
Concen: 1.164 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013452.D
Acq: 25 Apr 2023 17:26

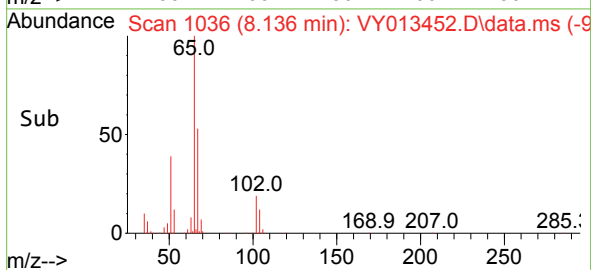
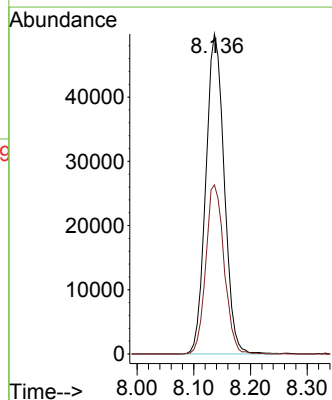
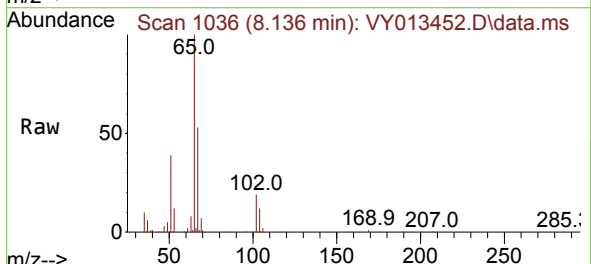
Instrument :
MSVOA_Y
ClientSampleId :
SPD-1WC-23-04-18

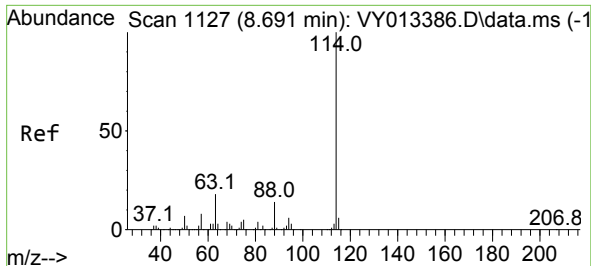
Tgt Ion: 56 Resp: 3611
Ion Ratio Lower Upper
56 100
69 161.5 29.2 43.8#
84 167.3 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 64.818 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013452.D
Acq: 25 Apr 2023 17:26

Tgt Ion: 65 Resp: 112273
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.4

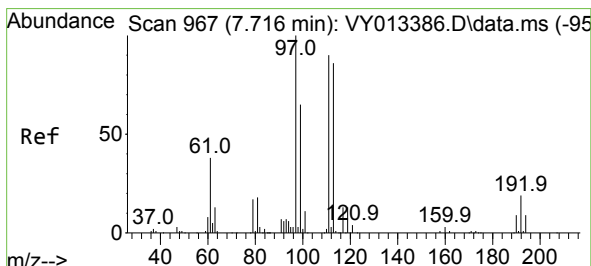
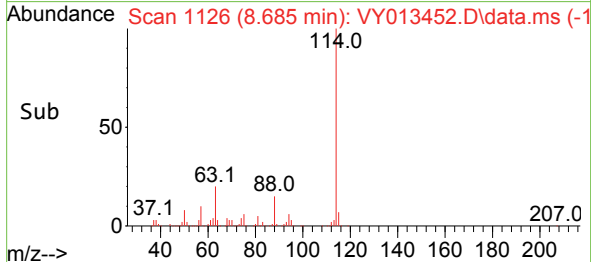
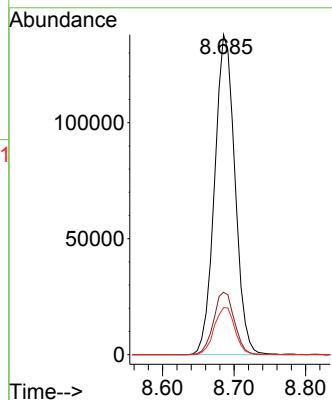
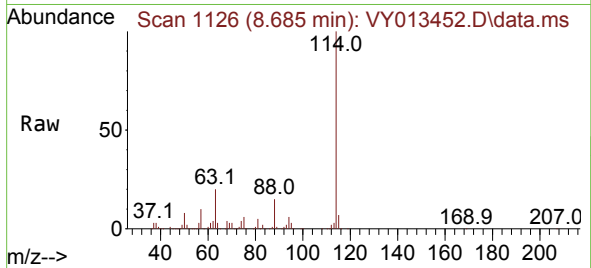




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY013452.D
Acq: 25 Apr 2023 17:26

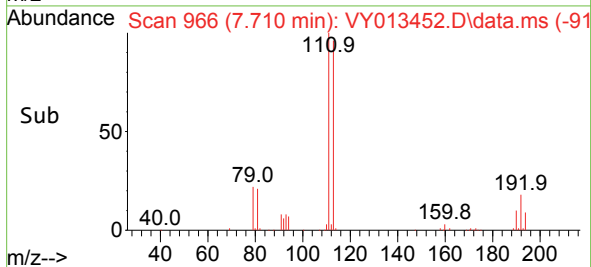
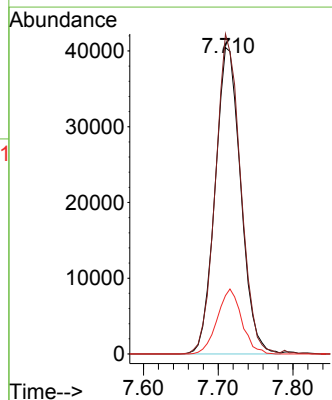
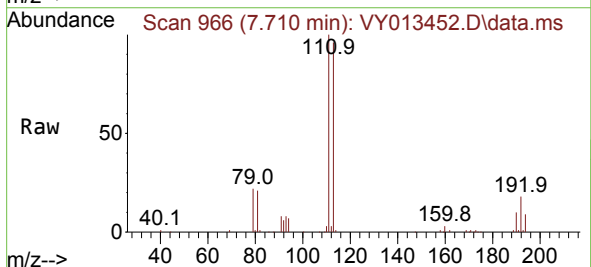
Instrument :
MSVOA_Y
ClientSampleId :
SPD-1WC-23-04-18

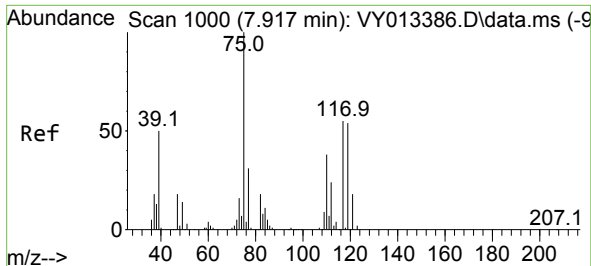
Tgt Ion:114 Resp: 272416
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.6
88 14.7 0.0 28.8



#35
Dibromofluoromethane
Concen: 56.365 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY013452.D
Acq: 25 Apr 2023 17:26

Tgt Ion:113 Resp: 96574
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 20.1 16.7 25.1

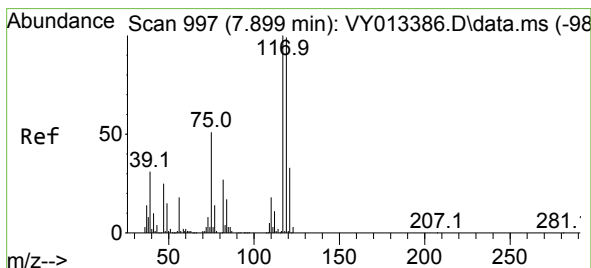
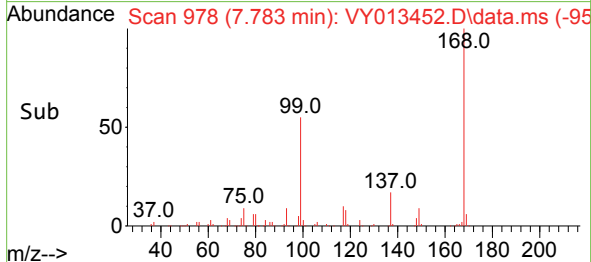
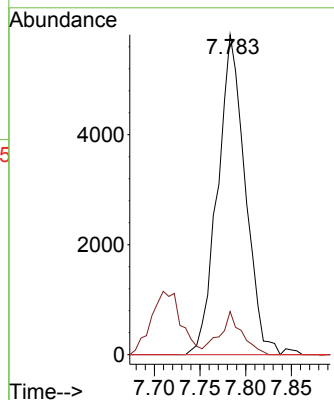
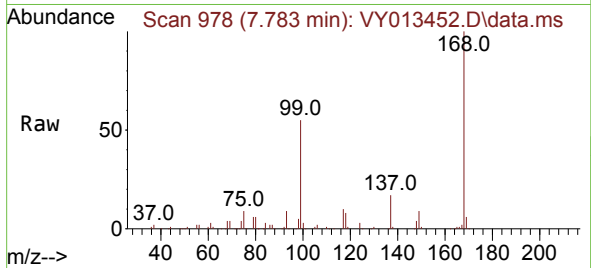




#36
 1,1-Dichloropropene
 Concen: 4.285 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY013452.D
 Acq: 25 Apr 2023 17:26

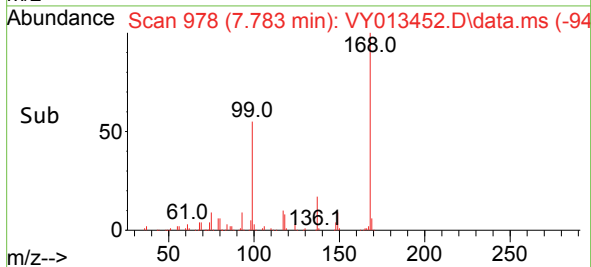
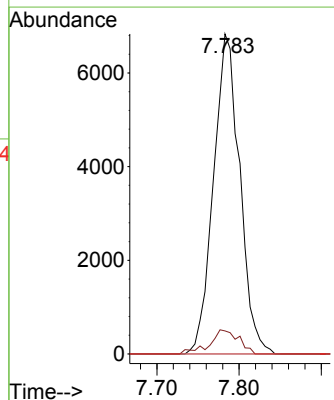
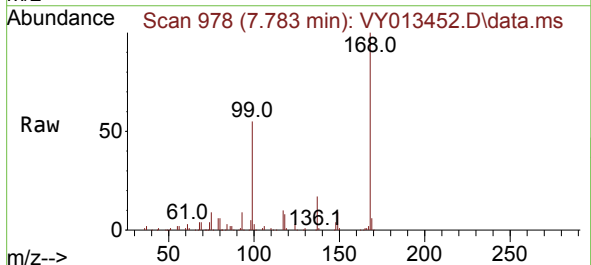
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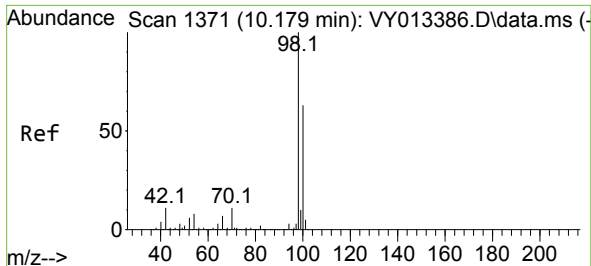
Tgt Ion: 75 Resp: 12184
 Ion Ratio Lower Upper
 75 100
 110 10.8 18.7 56.1#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.084 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.116 min
 Lab File: VY013452.D
 Acq: 25 Apr 2023 17:26

Tgt Ion: 117 Resp: 15153
 Ion Ratio Lower Upper
 117 100
 119 7.2 79.0 118.6#
 121 0.0 26.6 40.0#

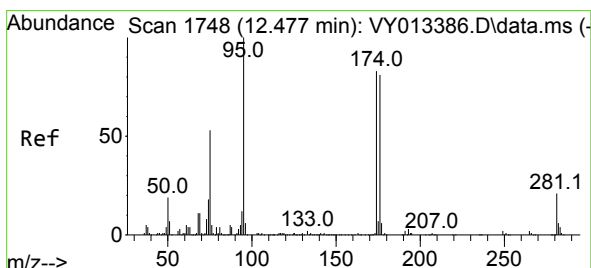
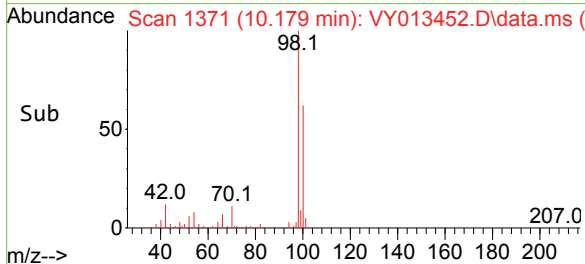
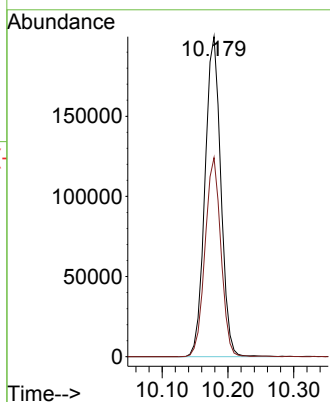
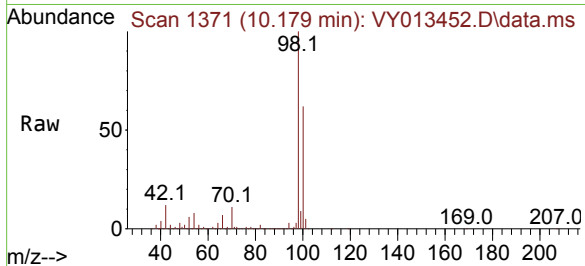




#50
Toluene-d8
Concen: 54.939 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013452.D
Acq: 25 Apr 2023 17:26

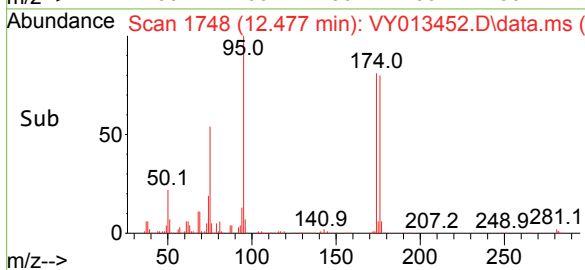
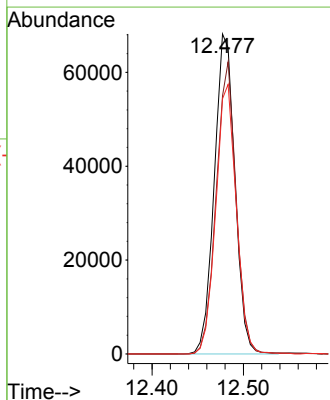
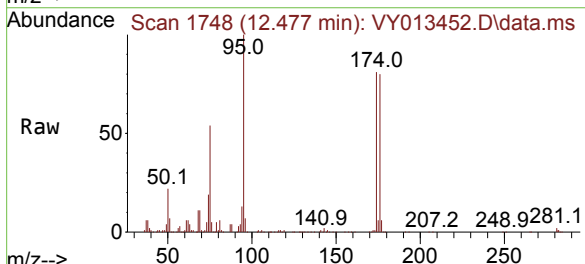
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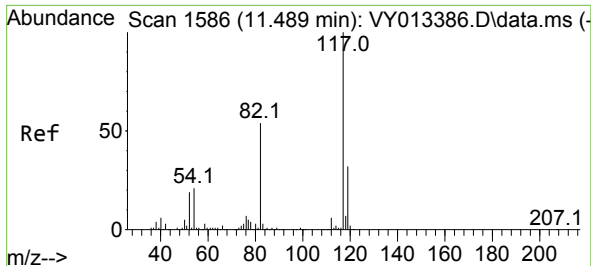
Tgt Ion: 98 Resp: 334863
Ion Ratio Lower Upper
98 100
100 62.2 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 51.986 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013452.D
Acq: 25 Apr 2023 17:26

Tgt Ion: 95 Resp: 106822
Ion Ratio Lower Upper
95 100
174 88.5 0.0 182.0
176 84.1 0.0 175.4

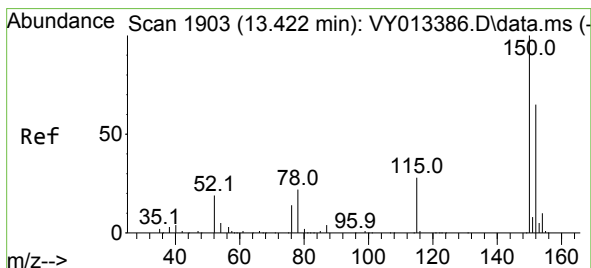
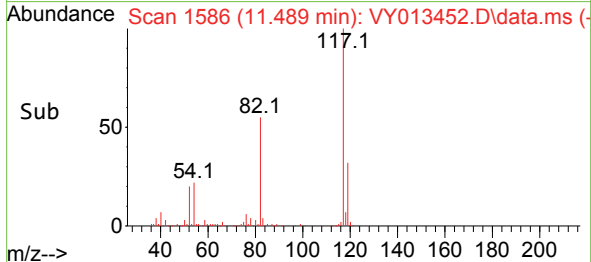
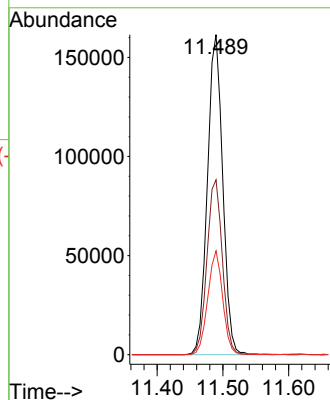
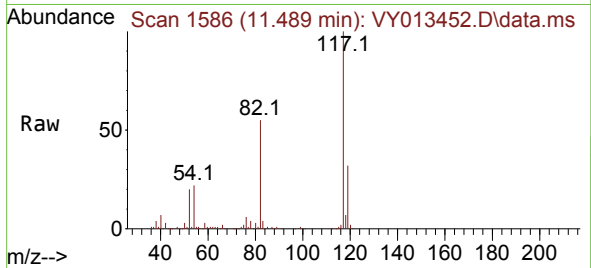




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013452.D
Acq: 25 Apr 2023 17:26

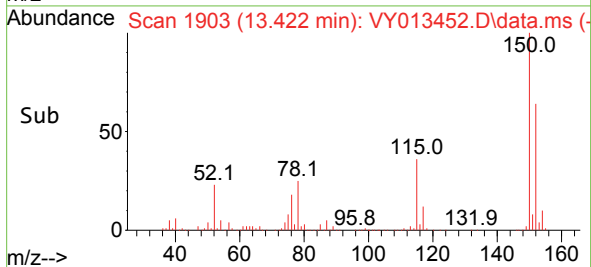
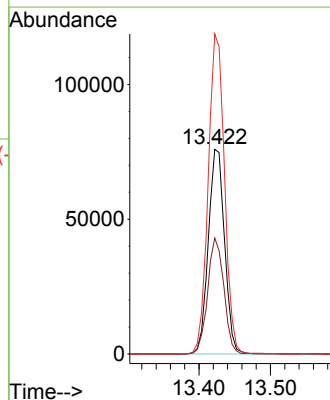
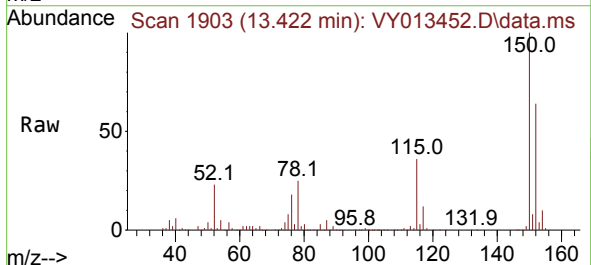
Instrument :
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SPD-1WC-23-04-18

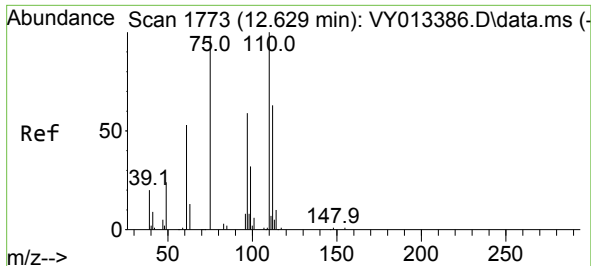
Tgt Ion:117 Resp: 261523
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.6
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013452.D
Acq: 25 Apr 2023 17:26

Tgt Ion:152 Resp: 120149
Ion Ratio Lower Upper
152 100
115 56.3 28.1 84.2
150 156.0 0.0 352.0

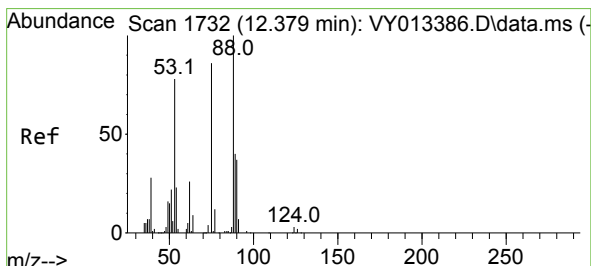
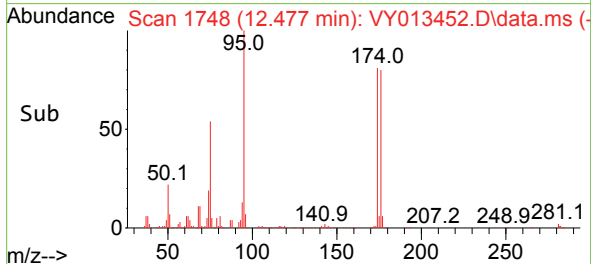
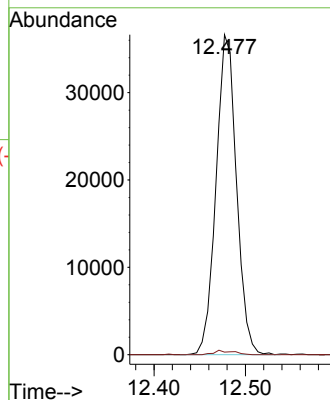
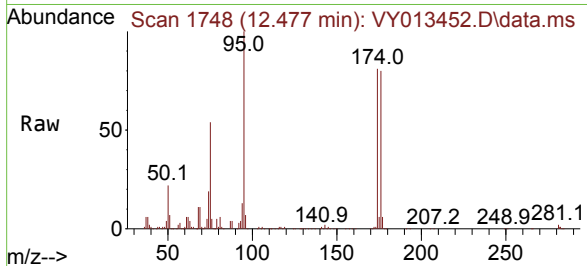




#76
1,2,3-Trichloropropane
Concen: 35.139 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013452.D
Acq: 25 Apr 2023 17:26

Instrument :
MSVOA_Y
ClientSampleId :
SPD-1WC-23-04-18

Tgt Ion: 75 Resp: 56938
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.879 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013452.D
Acq: 25 Apr 2023 17:26

Tgt Ion: 75 Resp: 56938
Ion Ratio Lower Upper
75 100
53 0.2 73.2 109.8#
89 0.0 38.0 57.0#

