

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
 Data File : VY013508.D
 Acq On : 27 Apr 2023 21:34
 Operator : KP/MD
 Sample : 02507-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-042623

Quant Time: Apr 28 01:35:42 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)

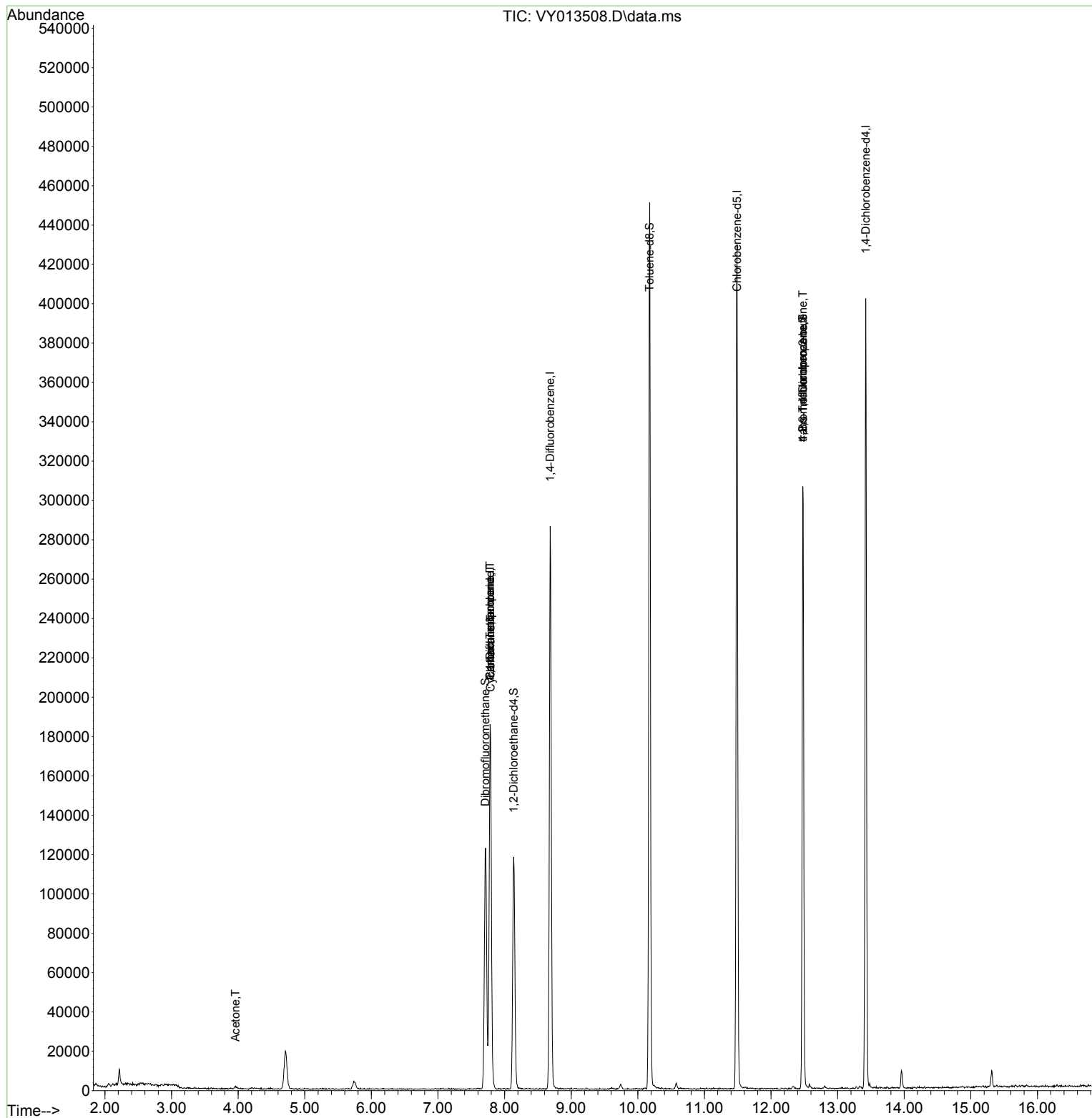
Internal Standards						
1) Pentafluorobenzene	7.783	168	144233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	236584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	231406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97893	61.914	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.820%	
35) Dibromofluoromethane	7.710	113	85426	57.410	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.820%	
50) Toluene-d8	10.179	98	292630	55.282	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.560%	
62) 4-Bromofluorobenzene	12.477	95	88378	49.524	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.040%	
Target Compounds						
					Qvalue	
13) Acrolein	3.674	56	28	Below Cal	#	16
16) Acetone	3.960	43	2218	3.562	ug/l #	86
20) Methylene Chloride	4.710	84	14066	Below Cal		92
31) Cyclohexane	7.789	56	3065	1.083	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	10747	4.352	ug/l #	50
38) Carbon Tetrachloride	7.783	117	13660	5.277	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	46893	34.712	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	46893	71.006	ug/l #	13

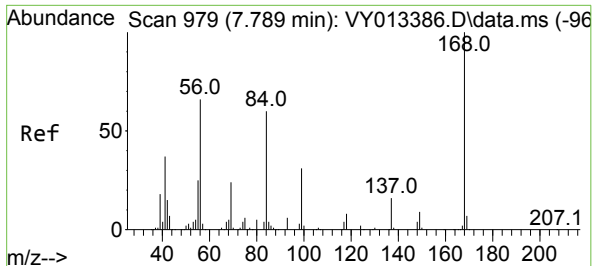
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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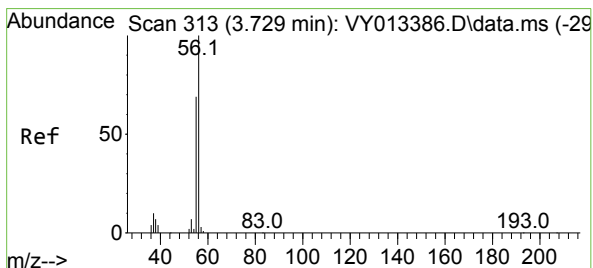
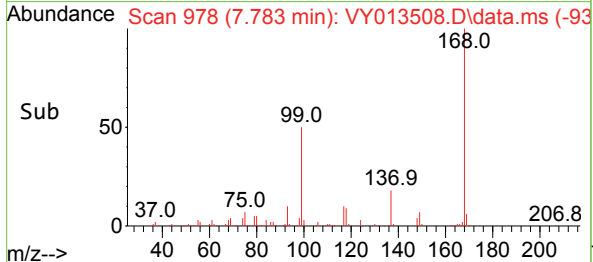
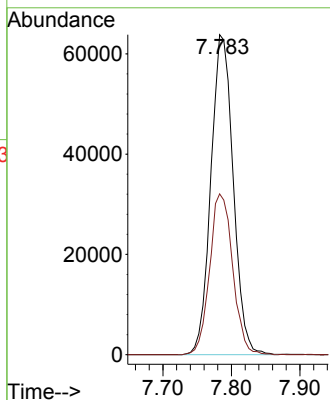
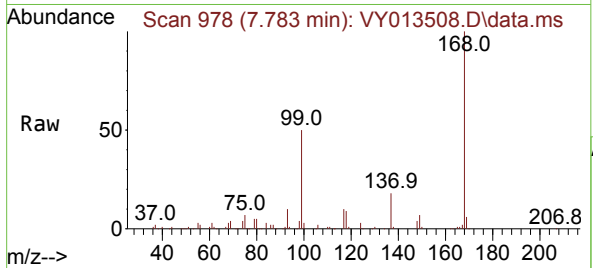




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013508.D
Acq: 27 Apr 2023 21:34

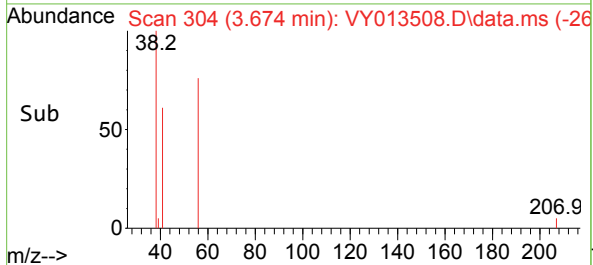
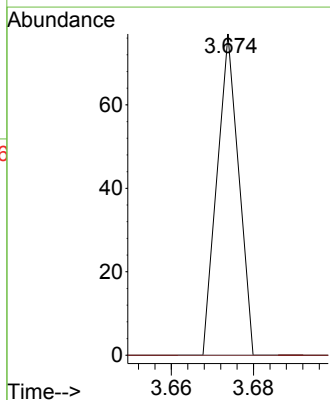
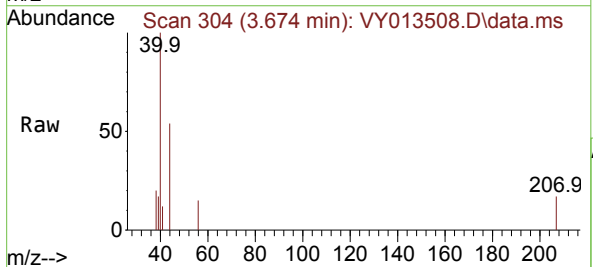
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-042623

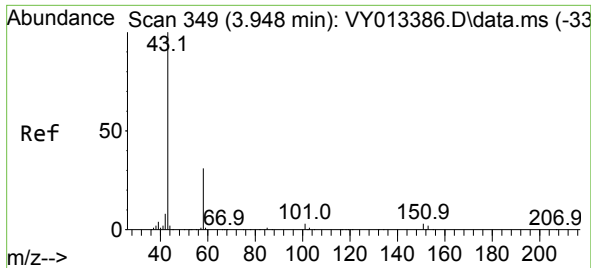
Tgt Ion:168 Resp: 144233
Ion Ratio Lower Upper
168 100
99 50.3 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.674 min Scan# 304
Delta R.T. -0.055 min
Lab File: VY013508.D
Acq: 27 Apr 2023 21:34

Tgt Ion: 56 Resp: 28
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#

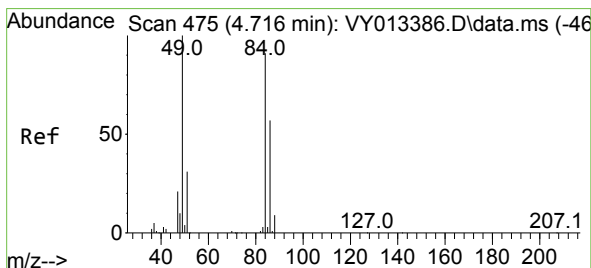
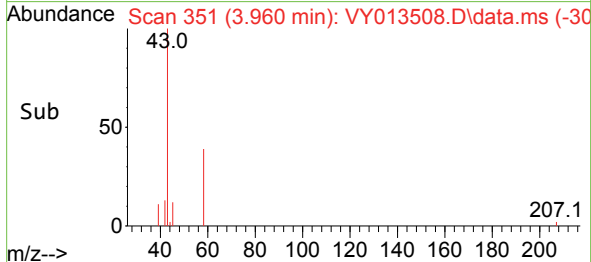
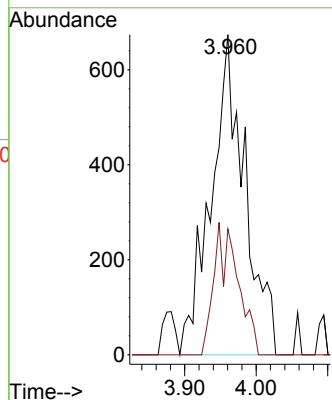
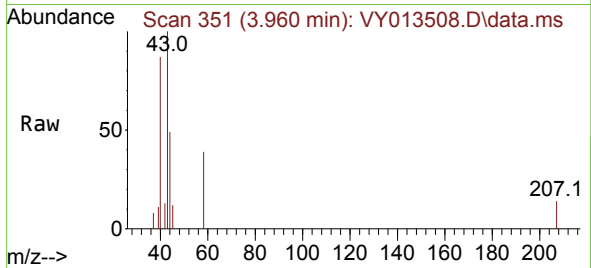




#16
Acetone
Concen: 3.562 ug/l
RT: 3.960 min Scan# 311
Delta R.T. 0.012 min
Lab File: VY013508.D
Acq: 27 Apr 2023 21:34

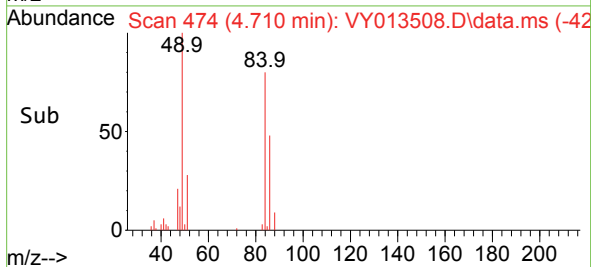
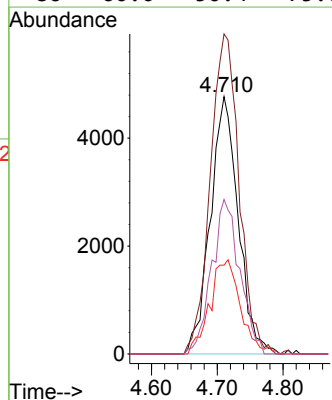
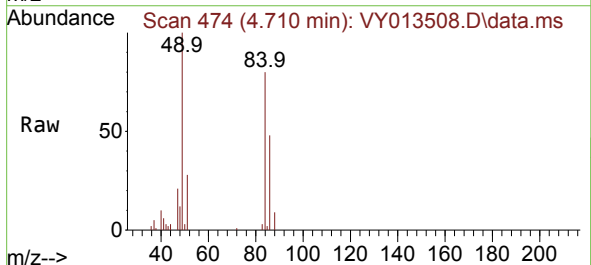
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-042623

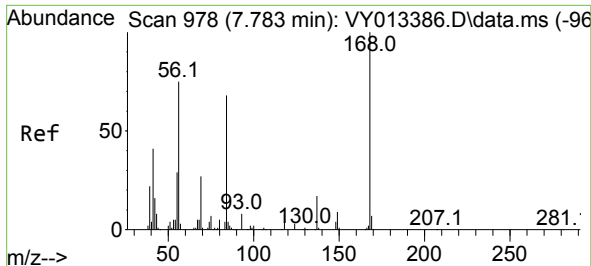
Tgt Ion: 43 Resp: 2218
Ion Ratio Lower Upper
43 100
58 39.3 25.4 38.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013508.D
Acq: 27 Apr 2023 21:34

Tgt Ion: 84 Resp: 14066
Ion Ratio Lower Upper
84 100
49 124.4 88.0 132.0
51 34.5 27.4 41.0
86 60.0 50.4 75.6

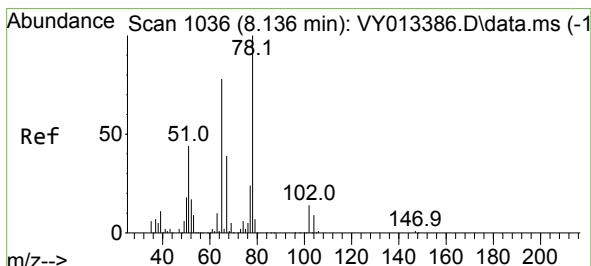
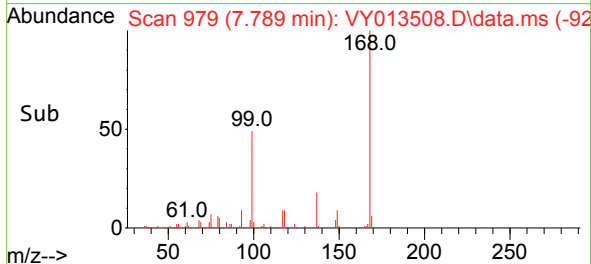
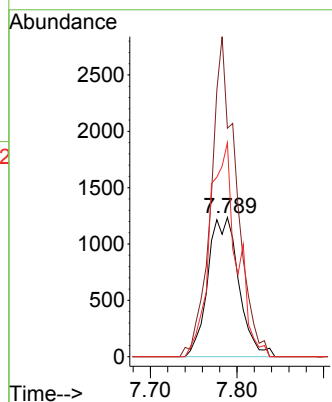
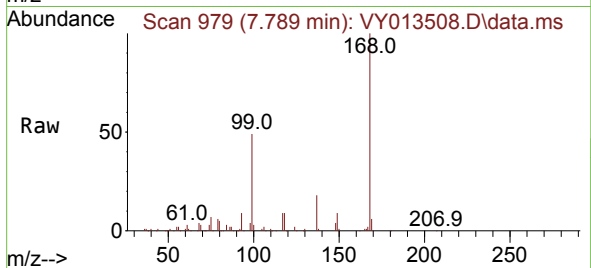




#31
Cyclohexane
Concen: 1.083 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013508.D
Acq: 27 Apr 2023 21:34

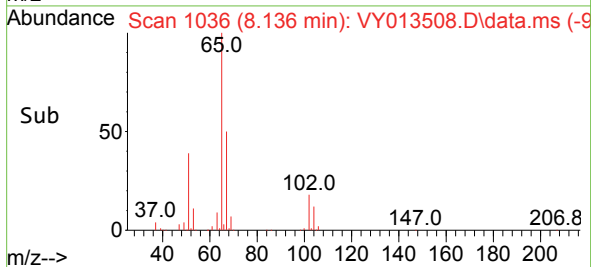
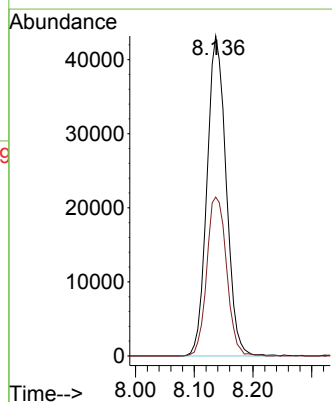
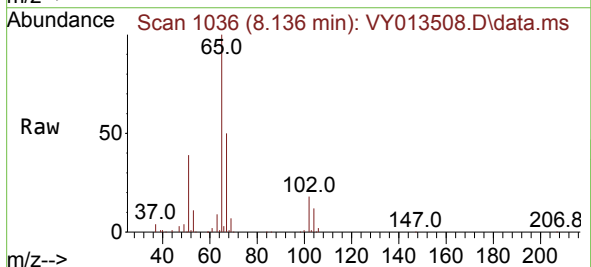
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-042623

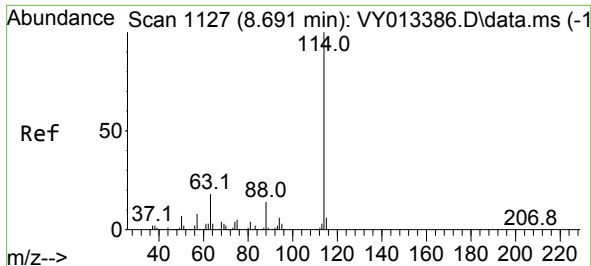
Tgt Ion: 56 Resp: 3065
Ion Ratio Lower Upper
56 100
69 164.2 29.2 43.8#
84 153.7 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 61.914 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013508.D
Acq: 27 Apr 2023 21:34

Tgt Ion: 65 Resp: 97893
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.4

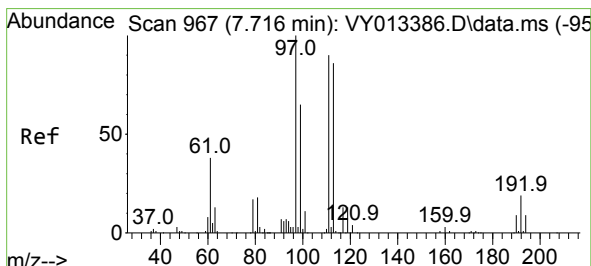
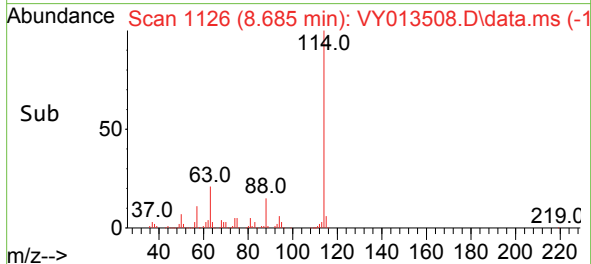
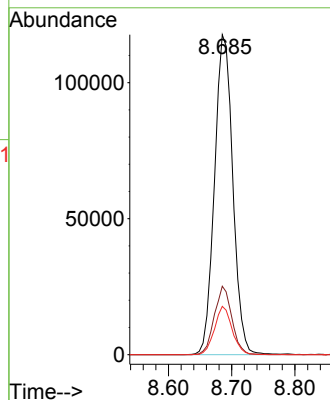
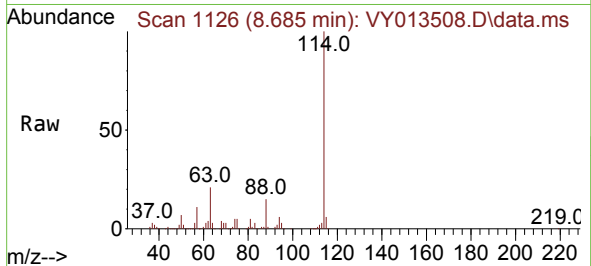




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY013508.D
Acq: 27 Apr 2023 21:34

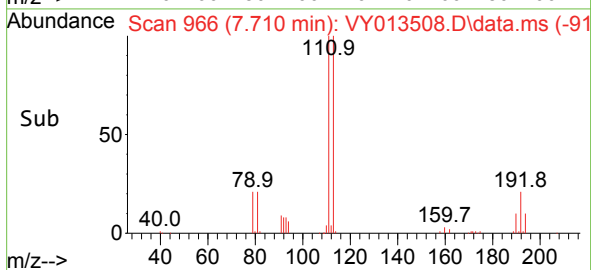
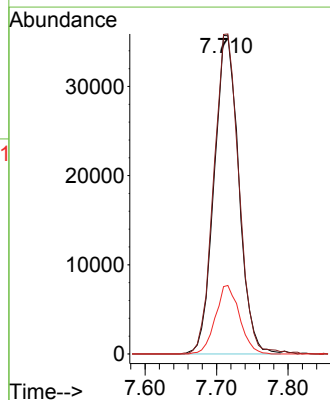
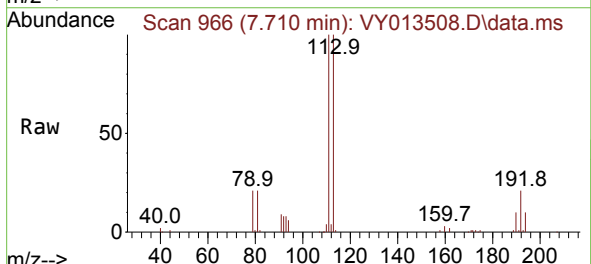
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-042623

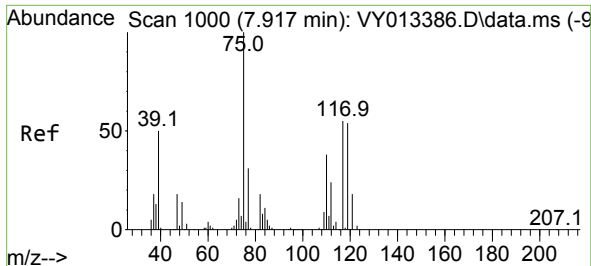
Tgt Ion:114 Resp: 236584
Ion Ratio Lower Upper
114 100
63 21.4 0.0 36.6
88 15.1 0.0 28.8



#35
Dibromofluoromethane
Concen: 57.410 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY013508.D
Acq: 27 Apr 2023 21:34

Tgt Ion:113 Resp: 85426
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 21.1 16.7 25.1

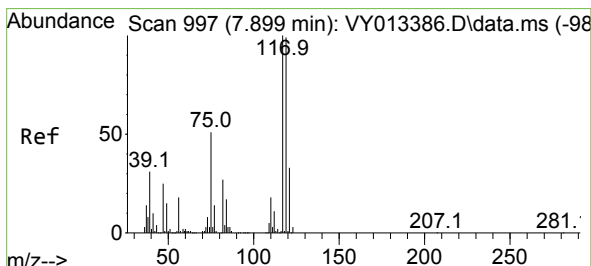
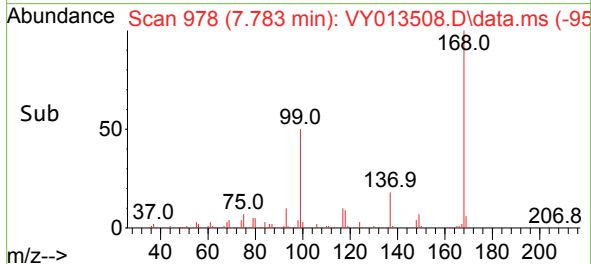
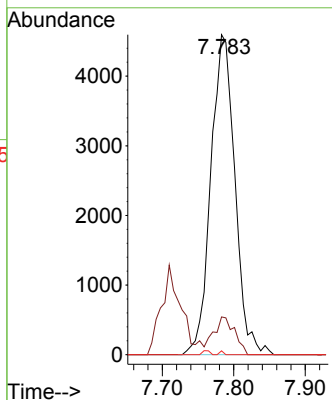
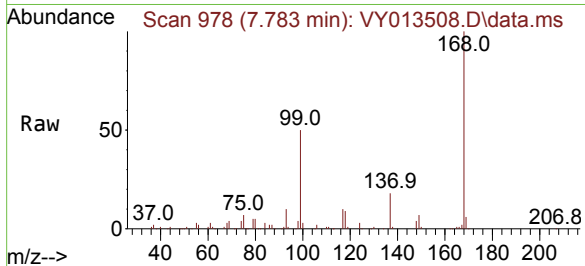




#36
 1,1-Dichloropropene
 Concen: 4.352 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY013508.D
 Acq: 27 Apr 2023 21:34

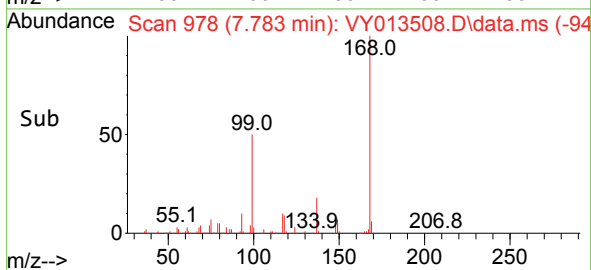
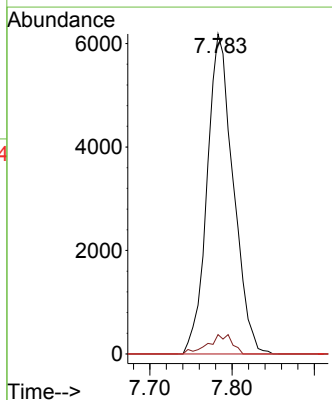
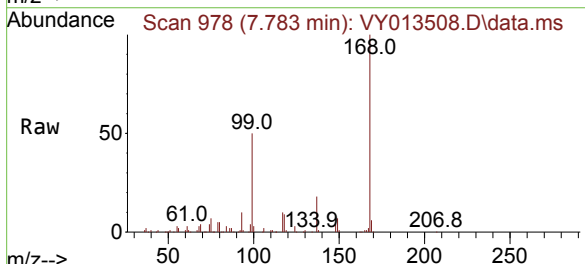
Instrument :
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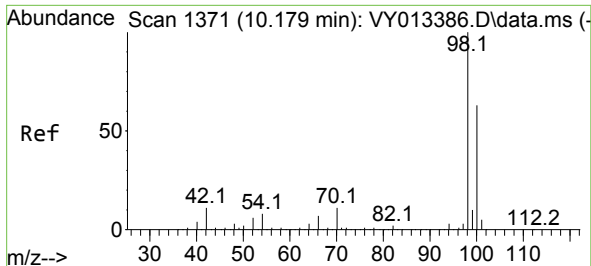
Tgt Ion: 75 Resp: 10747
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.7 56.1#
 77 0.2 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.277 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.116 min
 Lab File: VY013508.D
 Acq: 27 Apr 2023 21:34

Tgt Ion: 117 Resp: 13660
 Ion Ratio Lower Upper
 117 100
 119 6.0 79.0 118.6#
 121 0.0 26.6 40.0#

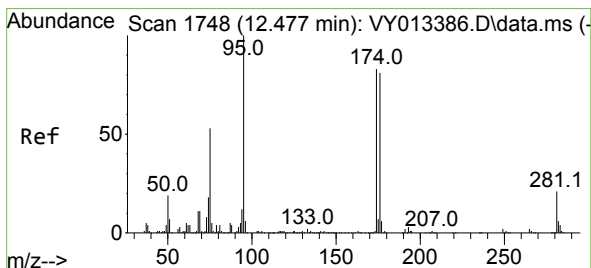
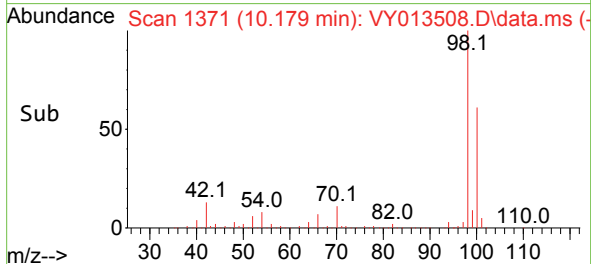
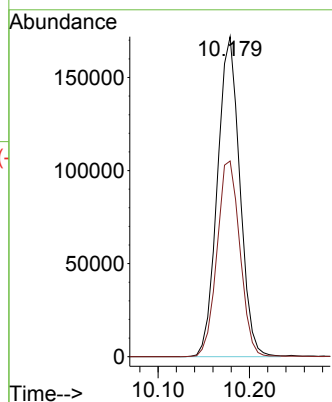
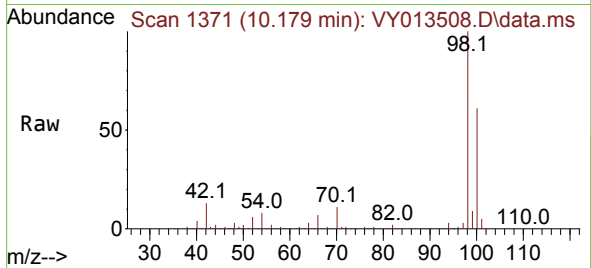




#50
Toluene-d8
Concen: 55.282 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013508.D
Acq: 27 Apr 2023 21:34

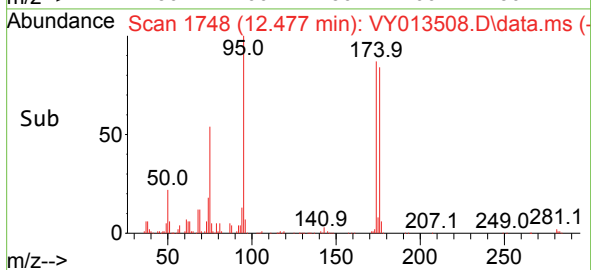
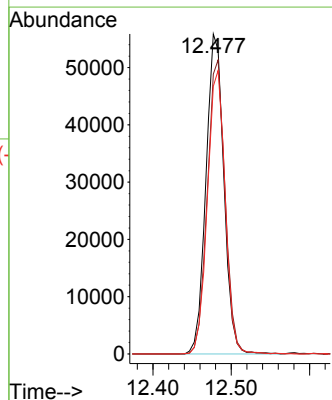
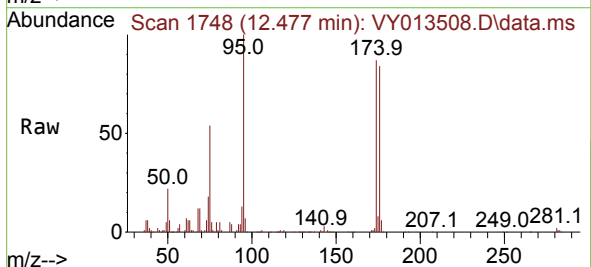
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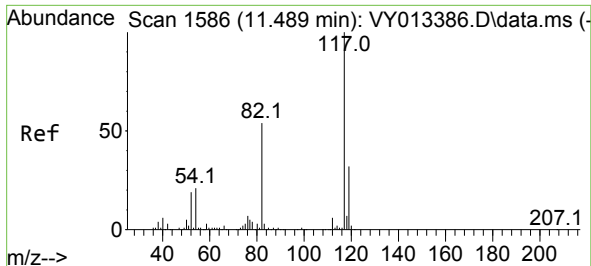
Tgt Ion: 98 Resp: 292630
Ion Ratio Lower Upper
98 100
100 62.7 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 49.524 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013508.D
Acq: 27 Apr 2023 21:34

Tgt Ion: 95 Resp: 88378
Ion Ratio Lower Upper
95 100
174 91.8 0.0 182.0
176 88.2 0.0 175.4

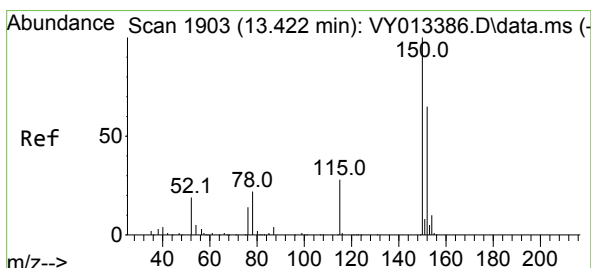
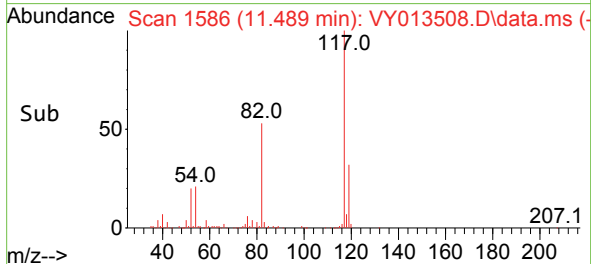
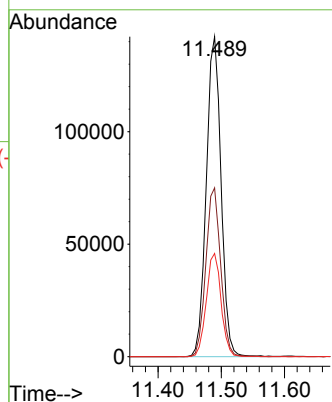
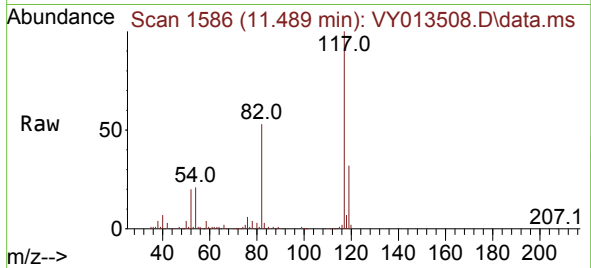




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013508.D
Acq: 27 Apr 2023 21:34

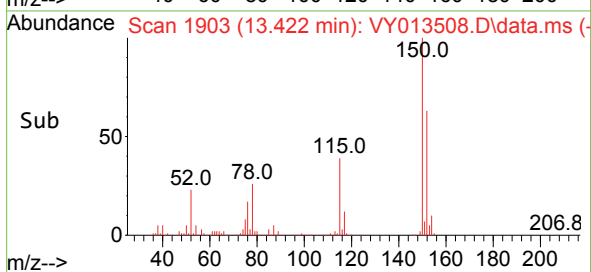
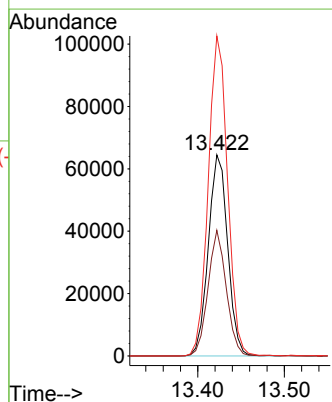
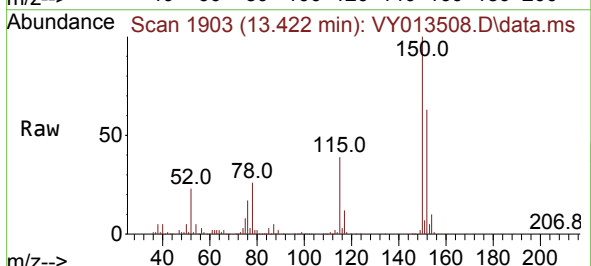
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-042623

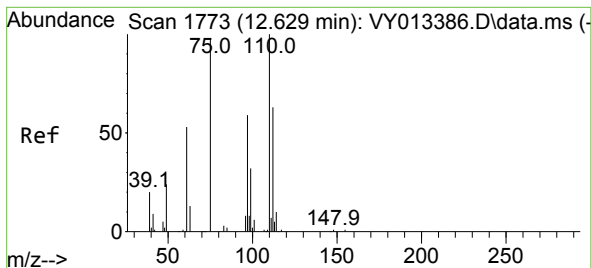
Tgt Ion:117 Resp: 231406
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.6
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013508.D
Acq: 27 Apr 2023 21:34

Tgt Ion:152 Resp: 100169
Ion Ratio Lower Upper
152 100
115 59.1 28.1 84.2
150 158.3 0.0 352.0

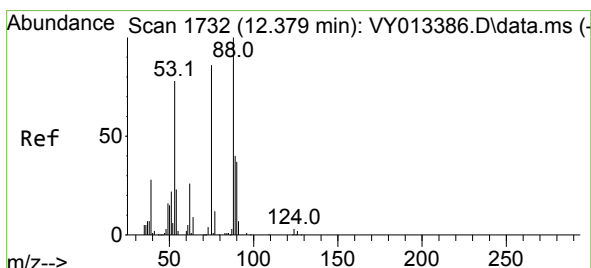
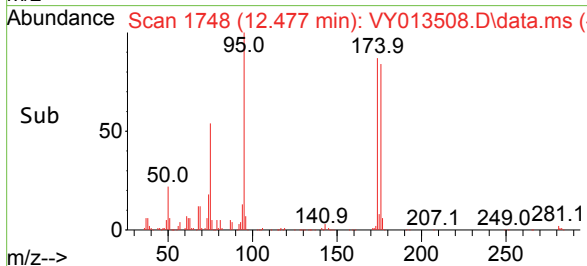
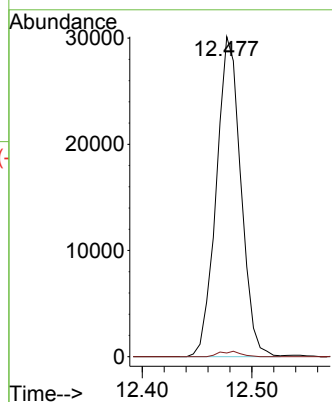
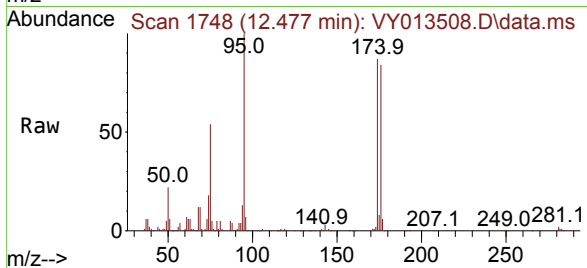




#76
1,2,3-Trichloropropane
Concen: 34.712 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013508.D
Acq: 27 Apr 2023 21:34

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-042623

Tgt Ion: 75 Resp: 46893
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.006 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013508.D
Acq: 27 Apr 2023 21:34

Tgt Ion: 75 Resp: 46893
Ion Ratio Lower Upper
75 100
53 0.2 73.2 109.8#
89 0.2 38.0 57.0#

