

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091422\
 Data File : VY010483.D
 Acq On : 14 Sep 2022 14:50
 Operator : KP/MD
 Sample : N4578-03
 Misc : 3.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHERRY-HILL-COMP-1

Quant Time: Sep 15 01:10:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

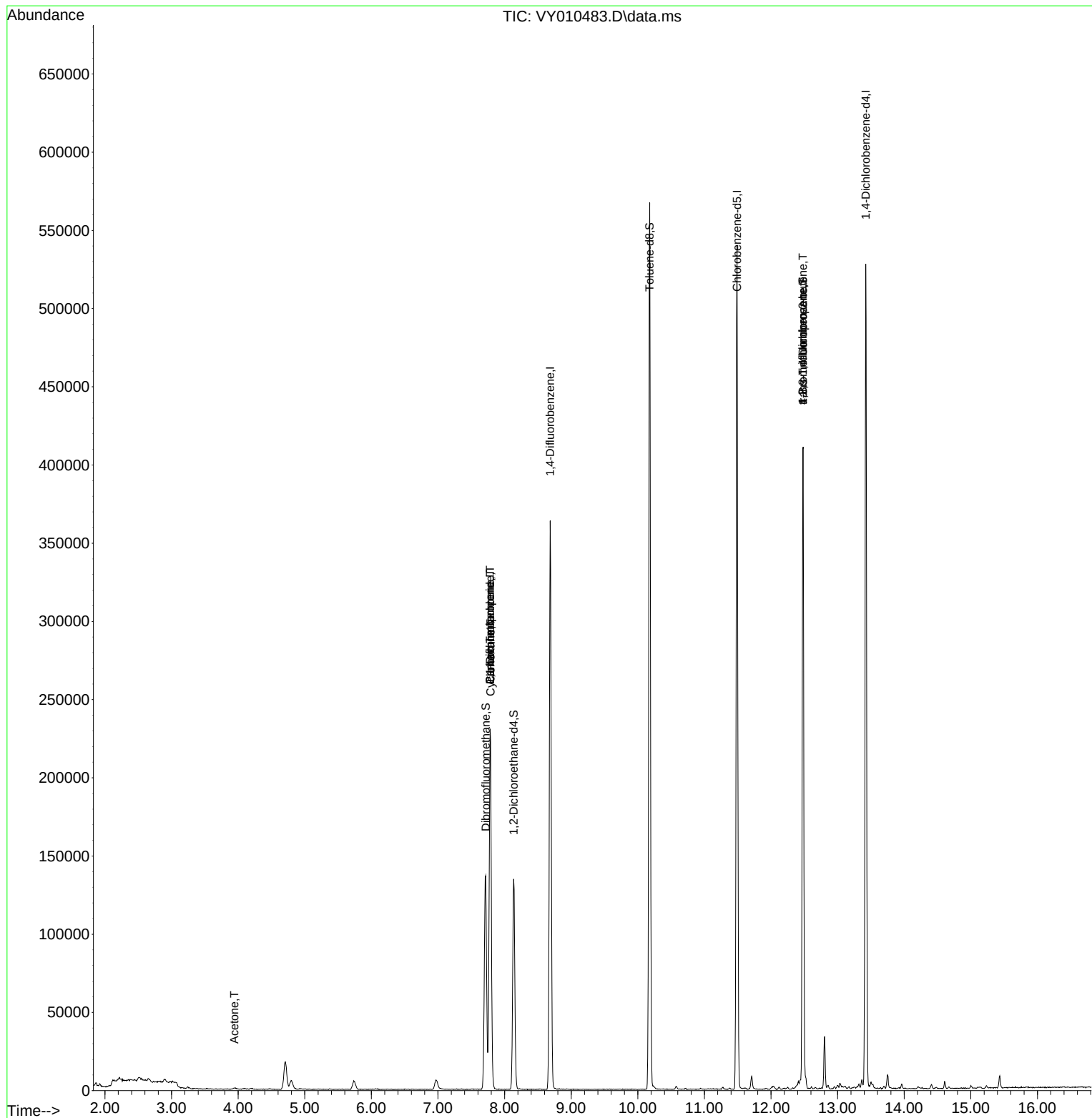
Internal Standards						
1) Pentafluorobenzene	7.783	168	180732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	314034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	295448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	105279	57.837	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.680%
35) Dibromofluoromethane	7.716	113	98116	43.992	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.980%
50) Toluene-d8	10.179	98	375704	51.977	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.960%
62) 4-Bromofluorobenzene	12.477	95	126091	43.168	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	51	Below Cal	#	43
11) Tert butyl alcohol	4.942	59	804	Below Cal	#	77
16) Acetone	3.942	43	1720	4.117	ug/l	96
31) Cyclohexane	7.789	56	3512	1.142	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	13604	4.456	ug/l #	51
38) Carbon Tetrachloride	7.783	117	17746	5.224	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	65373	43.223	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	65373	95.969	ug/l #	7

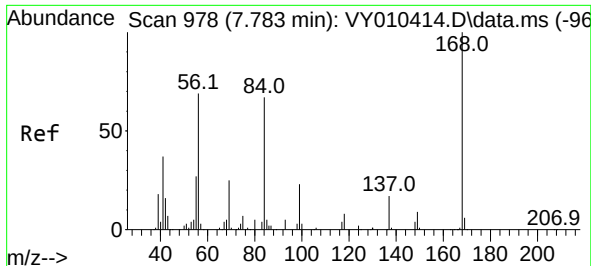
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CHERRY-HILL-COMP-1

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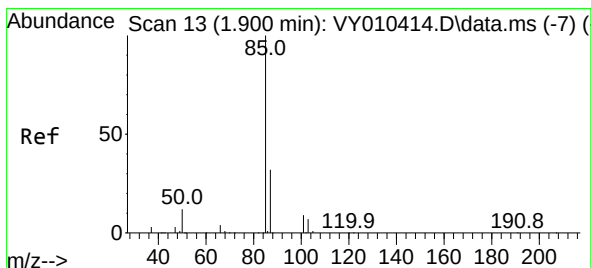
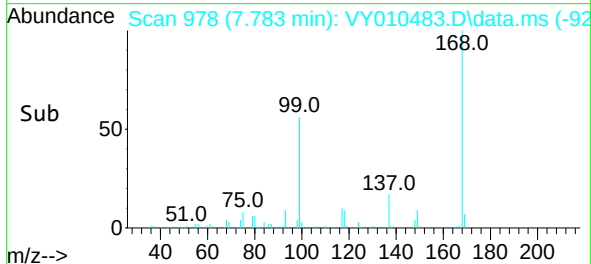
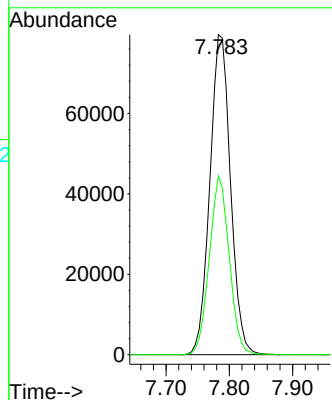
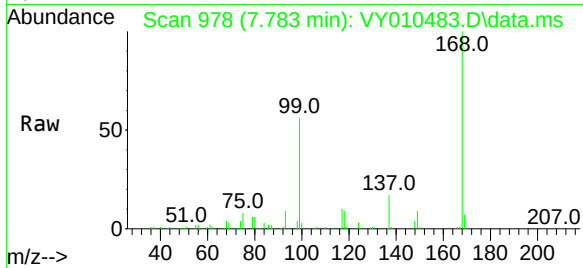




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010483.D
Acq: 14 Sep 2022 14:50

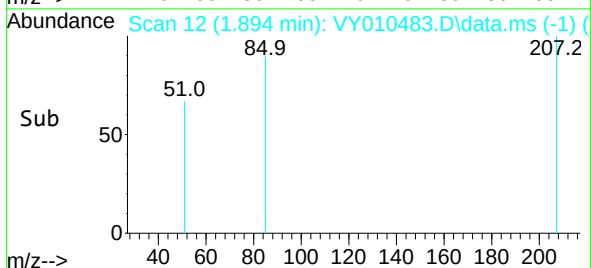
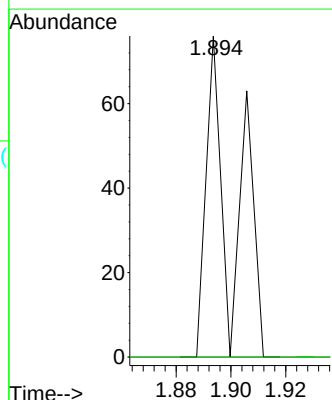
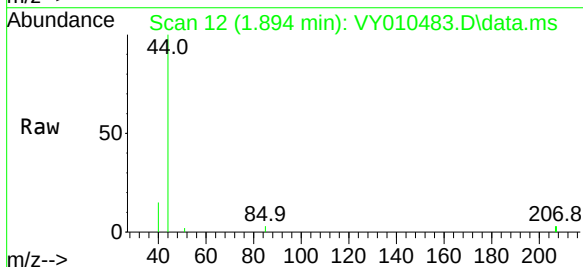
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-1

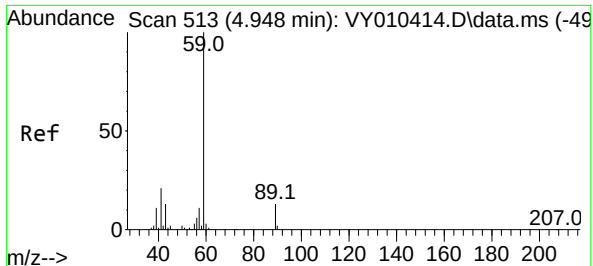
Tgt Ion:168 Resp: 180732
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY010483.D
Acq: 14 Sep 2022 14:50

Tgt Ion: 85 Resp: 51
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.942 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY010483.D

Acq: 14 Sep 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

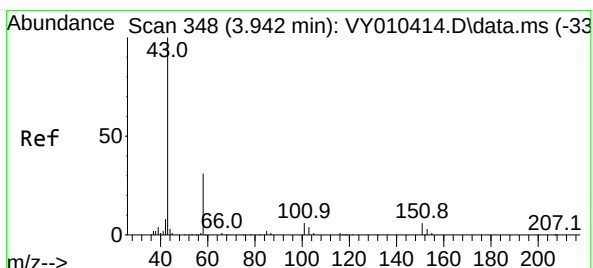
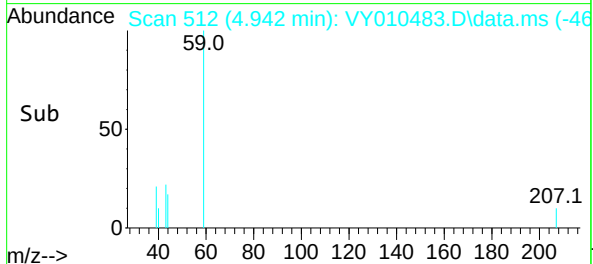
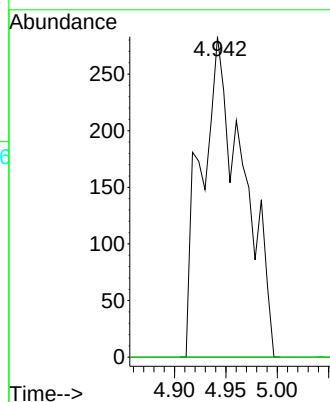
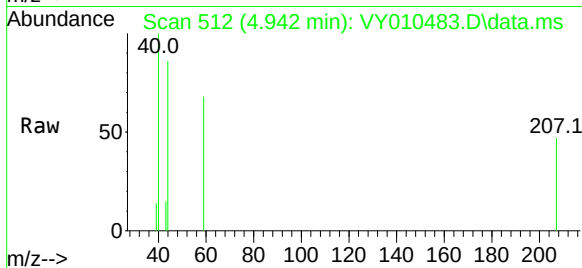
CHERRY-HILL-COMP-1

Tgt Ion: 59 Resp: 804

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 4.117 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY010483.D

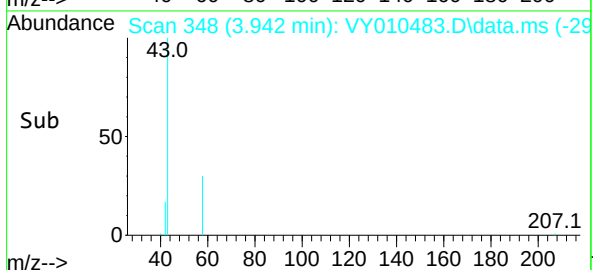
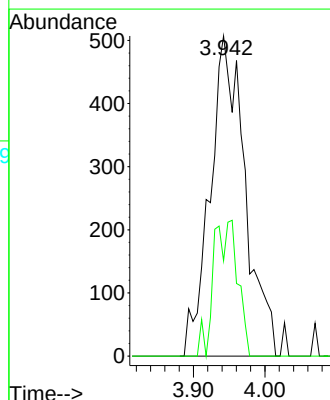
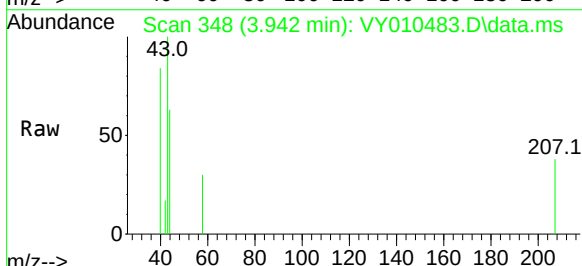
Acq: 14 Sep 2022 14:50

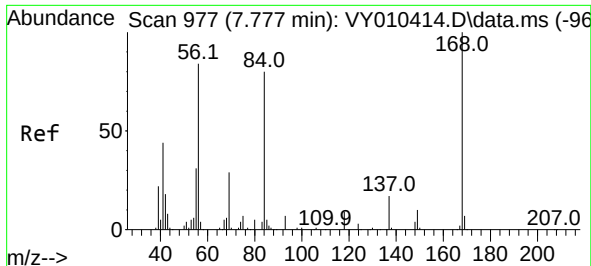
Tgt Ion: 43 Resp: 1720

Ion Ratio Lower Upper

43 100

58 29.8 22.0 33.0

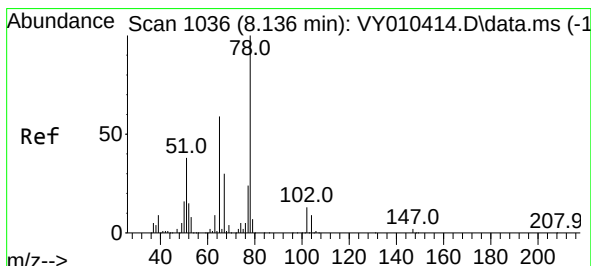
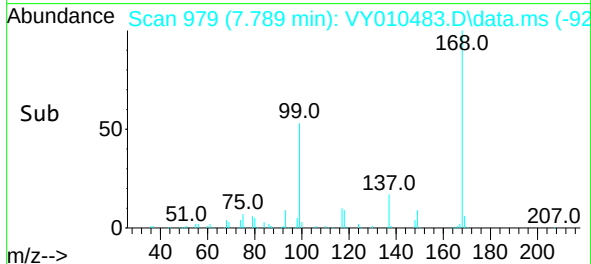
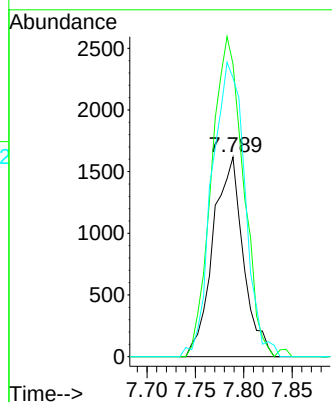
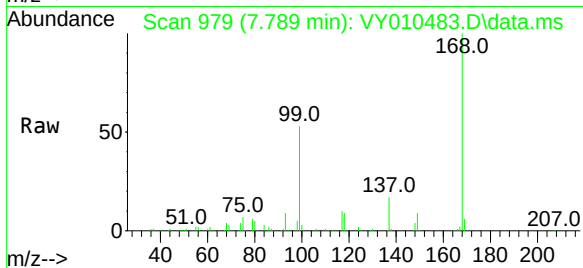




#31
Cyclohexane
Concen: 1.142 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY010483.D
Acq: 14 Sep 2022 14:50

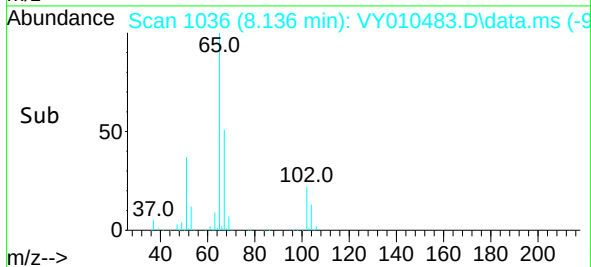
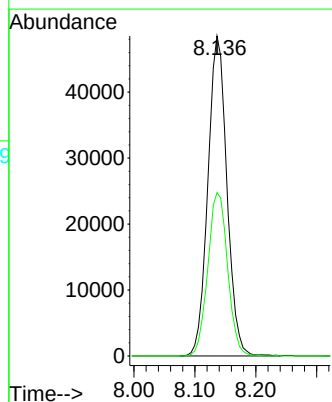
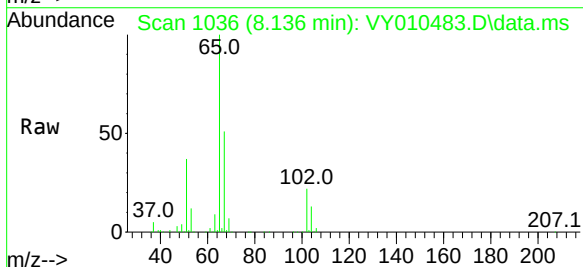
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-1

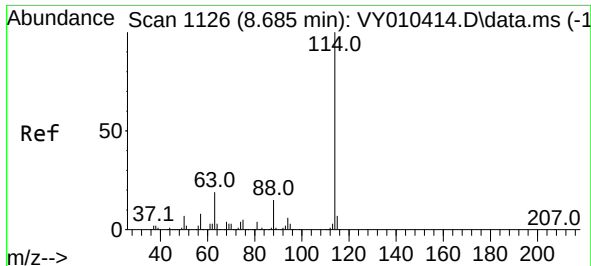
Tgt Ion: 56 Resp: 3512
Ion Ratio Lower Upper
56 100
69 146.7 26.7 40.1#
84 139.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 57.837 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010483.D
Acq: 14 Sep 2022 14:50

Tgt Ion: 65 Resp: 105279
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4

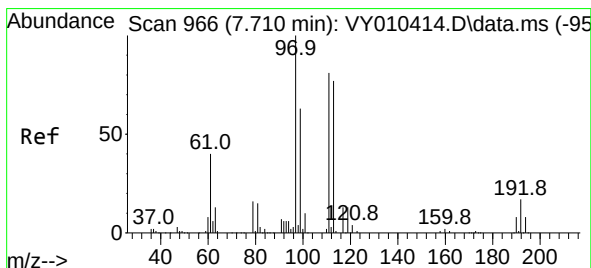
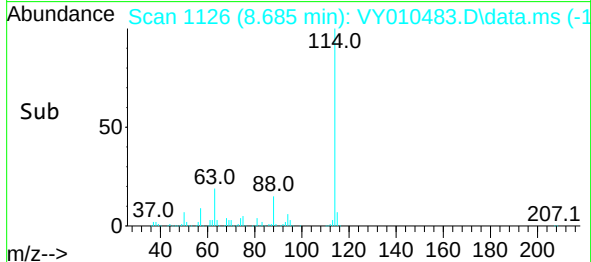
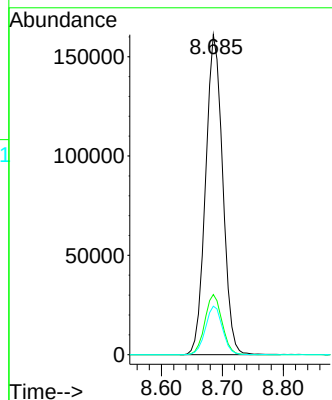
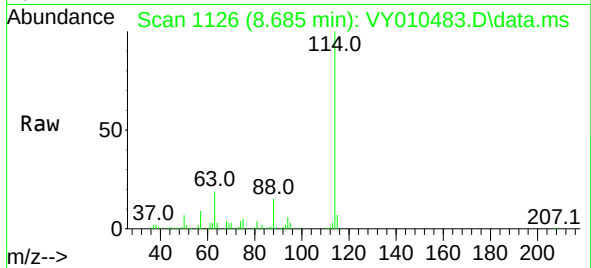




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY010483.D
 Acq: 14 Sep 2022 14:50

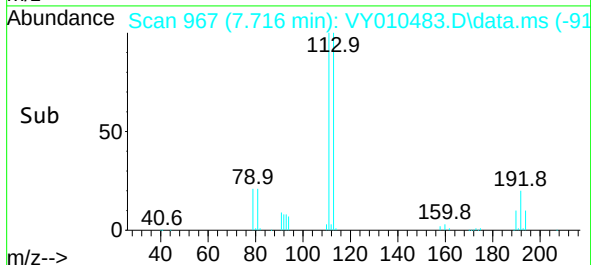
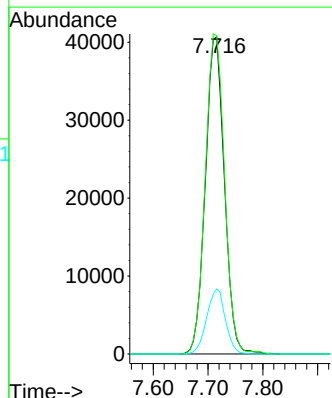
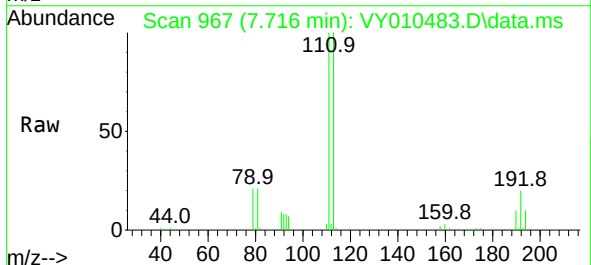
Instrument :
 MSVOA_Y
 ClientSampleId :
 CHERRY-HILL-COMP-1

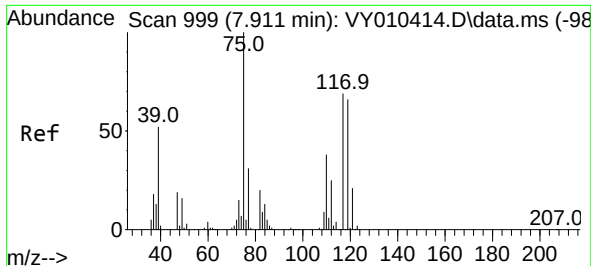
Tgt Ion:114 Resp: 314034
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 43.2
 88 15.1 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 43.992 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. 0.006 min
 Lab File: VY010483.D
 Acq: 14 Sep 2022 14:50

Tgt Ion:113 Resp: 98116
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.6 124.0
 192 20.1 17.6 26.4

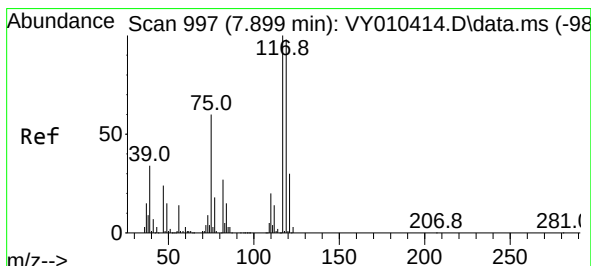
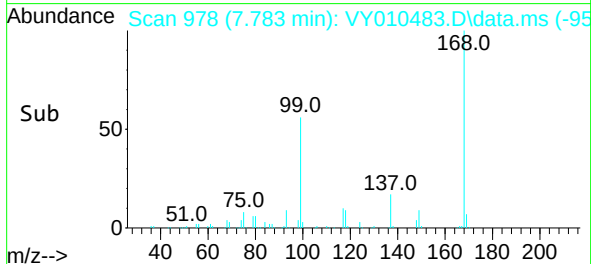
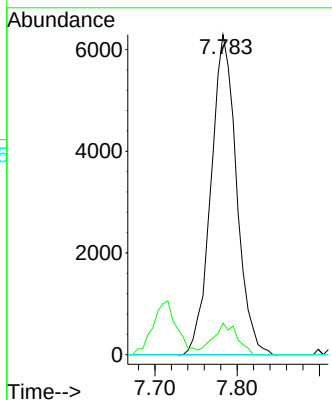
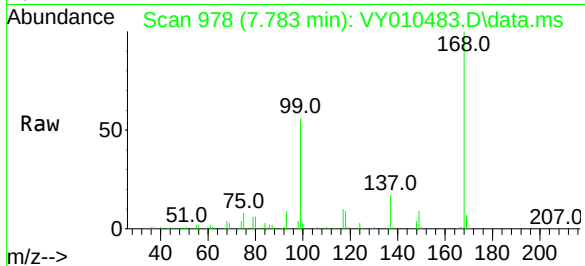




#36
1,1-Dichloropropene
Concen: 4.456 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010483.D
Acq: 14 Sep 2022 14:50

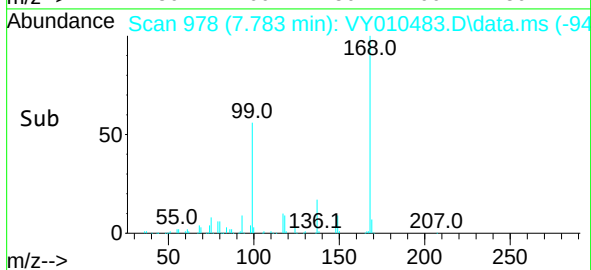
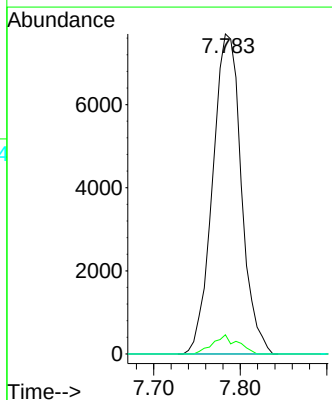
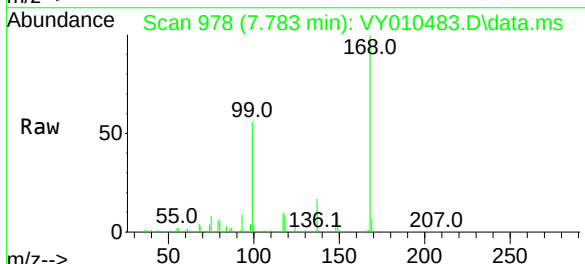
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-1

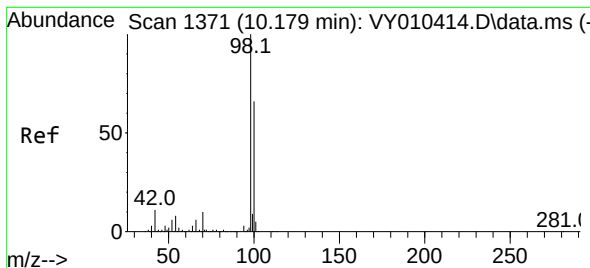
Tgt Ion: 75 Resp: 13604
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.224 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY010483.D
Acq: 14 Sep 2022 14:50

Tgt Ion: 117 Resp: 17746
Ion Ratio Lower Upper
117 100
119 6.0 77.9 116.9#
121 0.0 24.8 37.2#

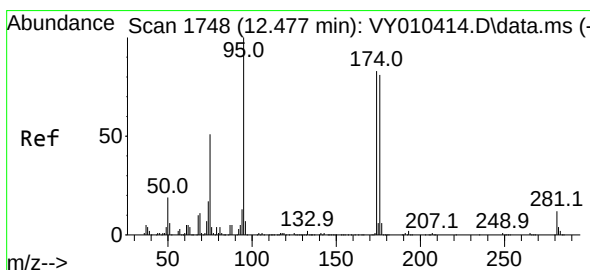
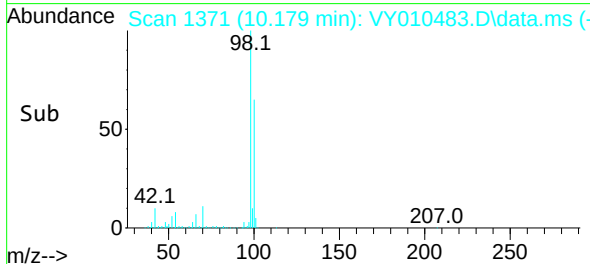
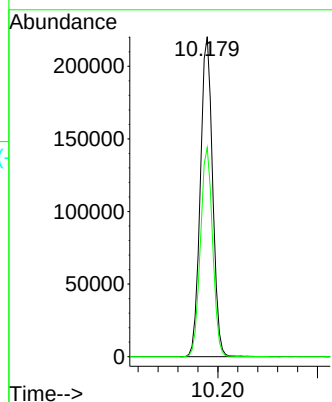
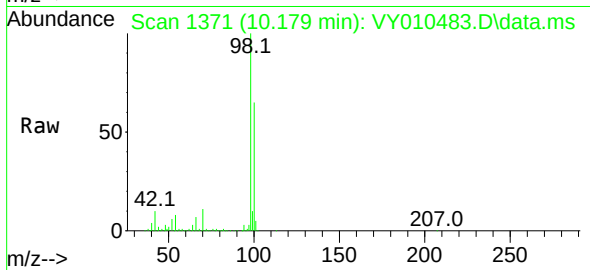




#50
Toluene-d8
Concen: 51.977 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010483.D
Acq: 14 Sep 2022 14:50

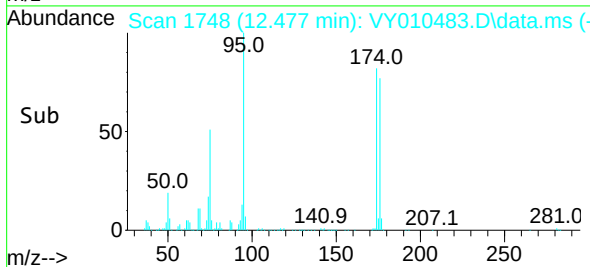
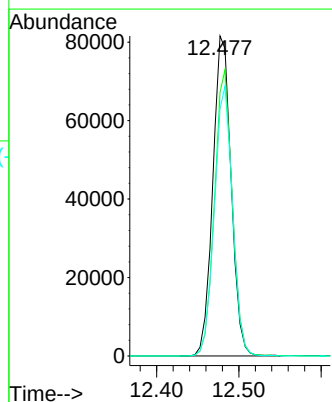
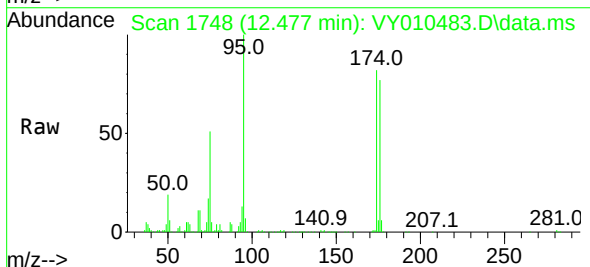
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CHERRY-HILL-COMP-1

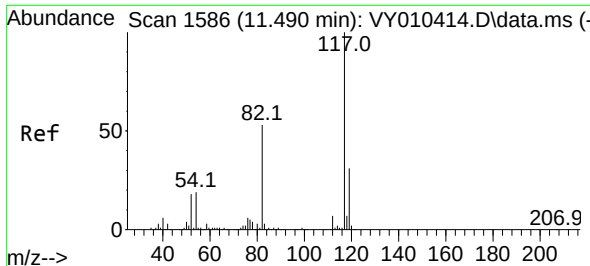
Tgt Ion: 98 Resp: 375704
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.168 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010483.D
Acq: 14 Sep 2022 14:50

Tgt Ion: 95 Resp: 126091
Ion Ratio Lower Upper
95 100
174 87.4 0.0 177.0
176 83.5 0.0 175.8

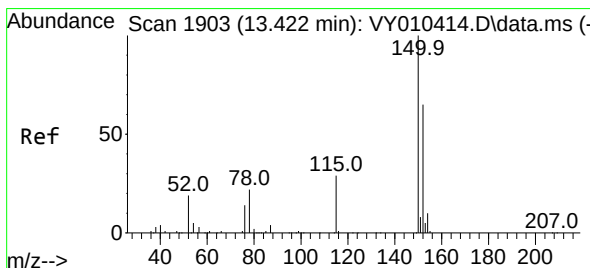
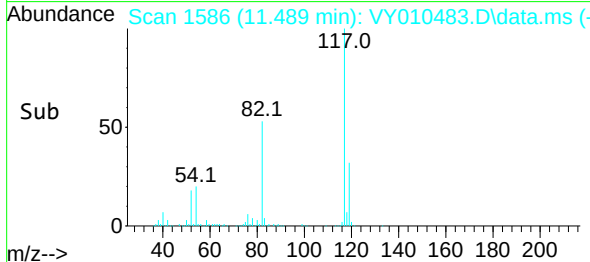
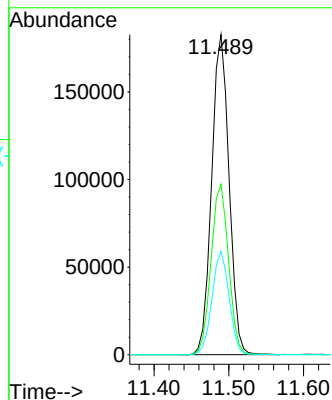
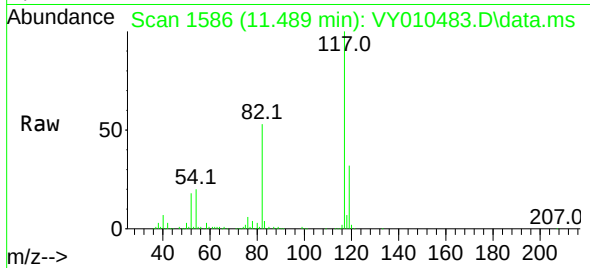




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010483.D
Acq: 14 Sep 2022 14:50

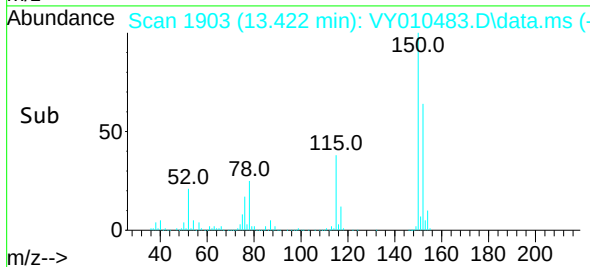
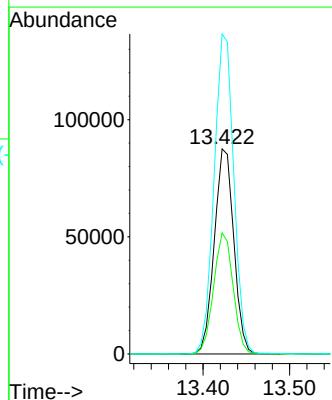
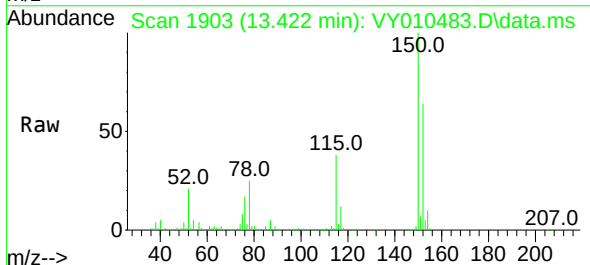
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-1

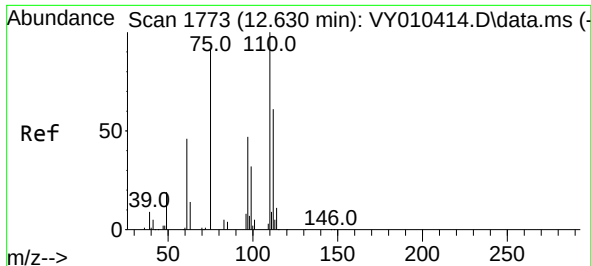
Tgt Ion:117 Resp: 295448
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010483.D
Acq: 14 Sep 2022 14:50

Tgt Ion:152 Resp: 137041
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 157.6 0.0 347.6

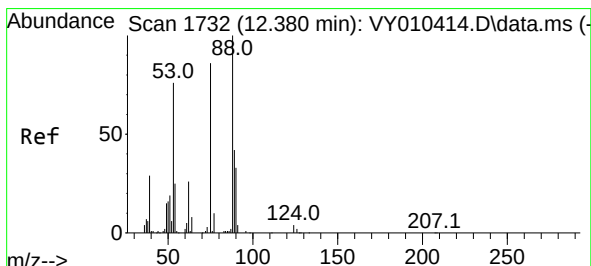
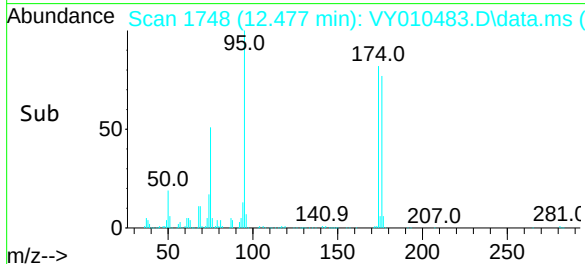
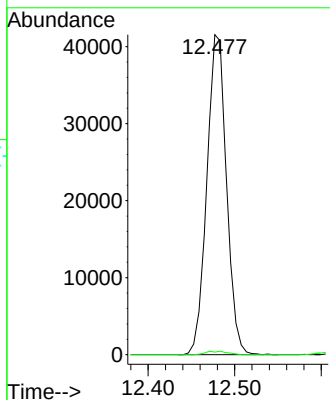
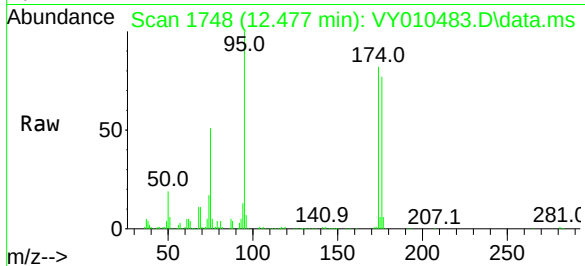




#76
1,2,3-Trichloropropane
Concen: 43.223 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010483.D
Acq: 14 Sep 2022 14:50

Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-1

Tgt Ion: 75 Resp: 65373
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.969 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY010483.D
Acq: 14 Sep 2022 14:50

Tgt Ion: 75 Resp: 65373
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

