

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091422\
 Data File : VY010490.D
 Acq On : 14 Sep 2022 17:34
 Operator : KP/MD
 Sample : N4578-31
 Misc : 2.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHERRY-HILL-COMP-8

Quant Time: Sep 15 01:11:08 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)

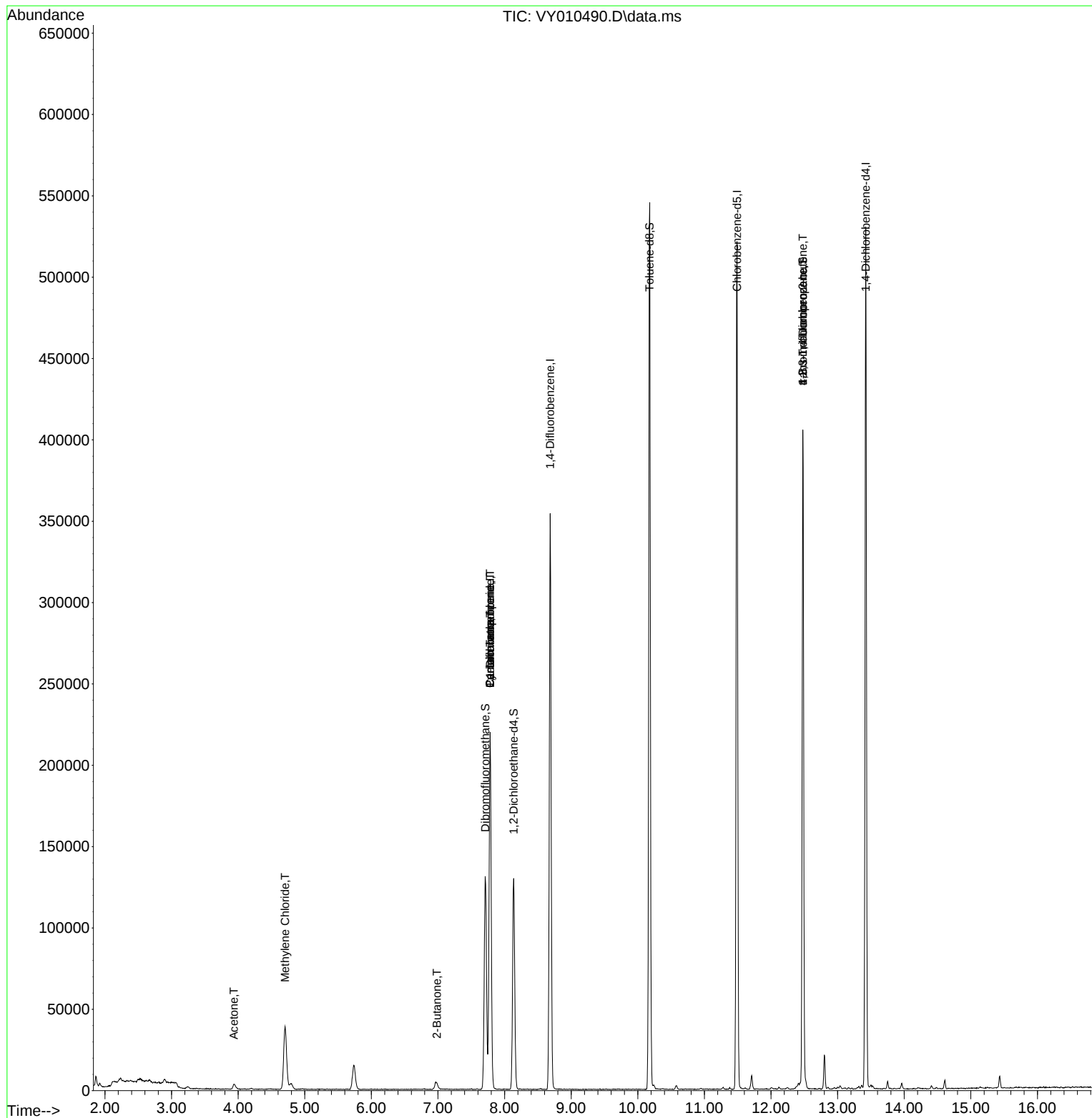
Internal Standards						
1) Pentafluorobenzene	7.783	168	169461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	297819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	286705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	100327	58.783	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	117.560%	
35) Dibromofluoromethane	7.710	113	93728	44.313	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	88.620%	
50) Toluene-d8	10.179	98	360611	52.606	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	105.220%	
62) 4-Bromofluorobenzene	12.477	95	122004	44.185	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	88.380%	
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	173	Below Cal	#	Qvalue 43
11) Tert butyl alcohol	4.942	59	208	Below Cal	#	77
16) Acetone	3.936	43	5747	14.673	ug/l	93
20) Methylene Chloride	4.704	84	29886	10.303	ug/l	85
25) 2-Butanone	6.984	43	662	1.064	ug/l #	54
31) Cyclohexane	7.783	56	3559	1.234	ug/l #	13
36) 1,1-Dichloropropene	7.783	75	12455	4.301	ug/l #	49
38) Carbon Tetrachloride	7.783	117	16572	5.144	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	64194	43.565	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	64194	96.730	ug/l #	7

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091422\
Data File : VY010490.D
Acq On : 14 Sep 2022 17:34
Operator : KP/MD
Sample : N4578-31
Misc : 2.27g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-8

Quant Time: Sep 15 01:11:08 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

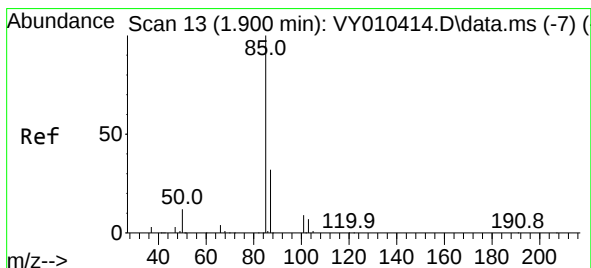
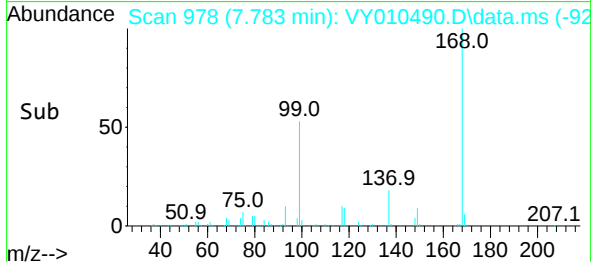
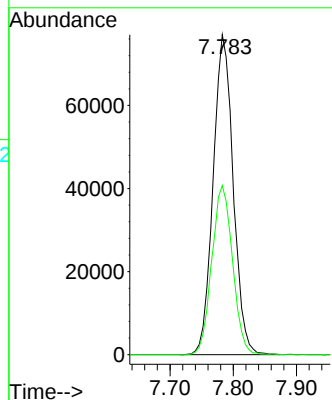
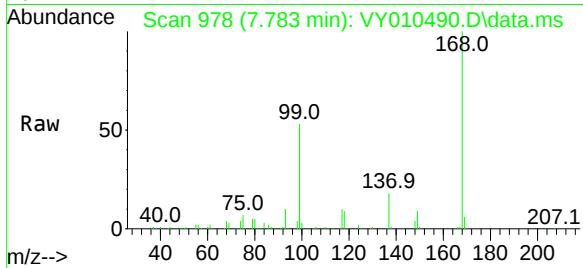




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010490.D
Acq: 14 Sep 2022 17:34

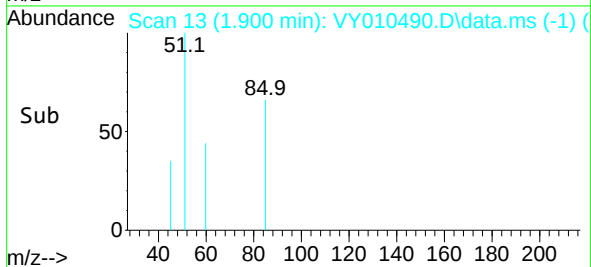
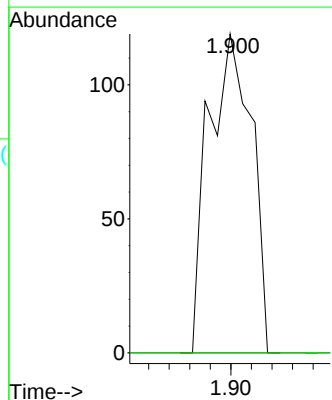
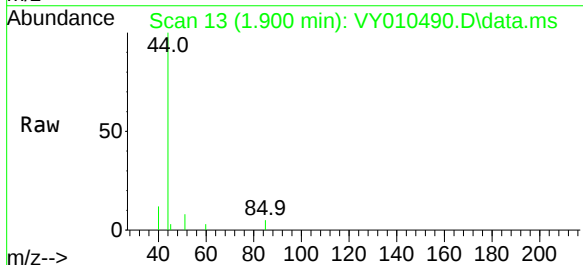
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-8

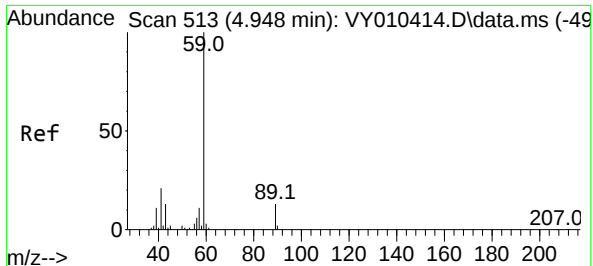
Tgt Ion:168 Resp: 169461
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010490.D
Acq: 14 Sep 2022 17:34

Tgt Ion: 85 Resp: 173
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# 51

Delta R.T. -0.006 min

Lab File: VY010490.D

Acq: 14 Sep 2022 17:34

Instrument :

MSVOA_Y

ClientSampleId :

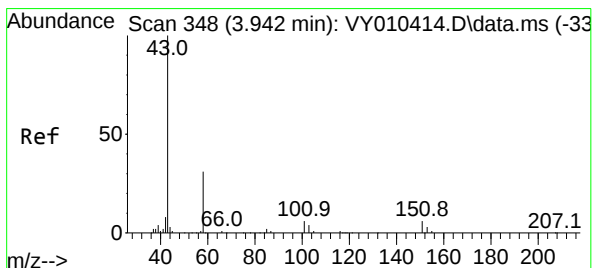
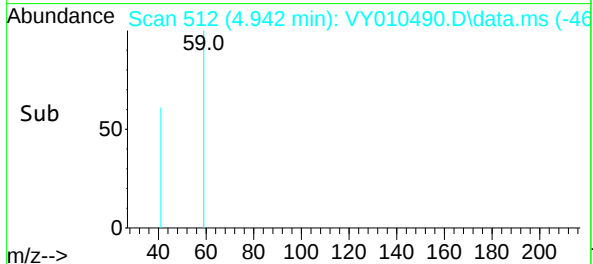
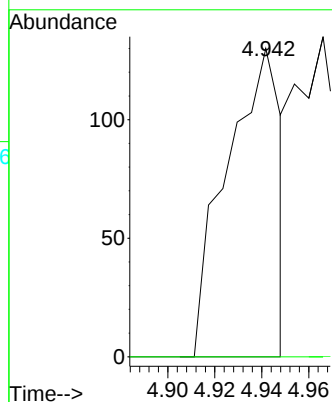
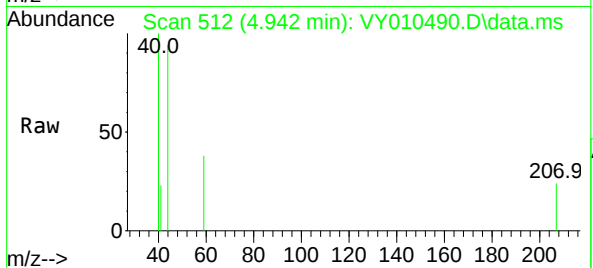
CHERRY-HILL-COMP-8

Tgt Ion: 59 Resp: 208

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 14.673 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.006 min

Lab File: VY010490.D

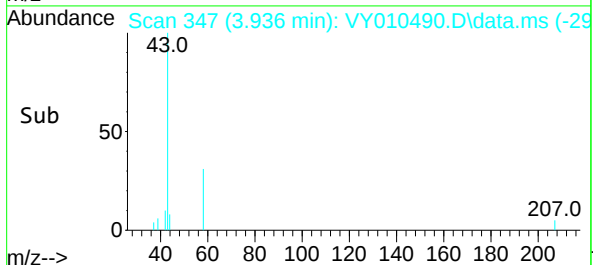
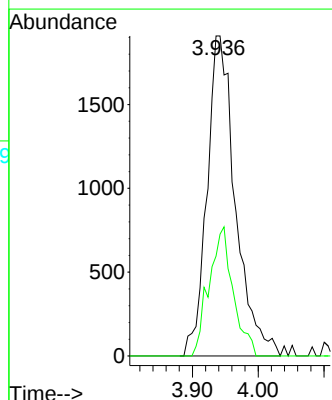
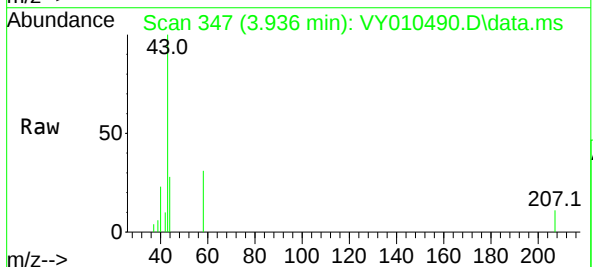
Acq: 14 Sep 2022 17:34

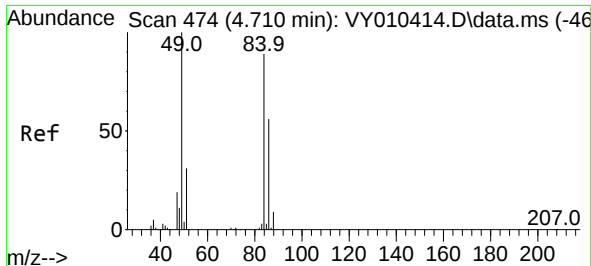
Tgt Ion: 43 Resp: 5747

Ion Ratio Lower Upper

43 100

58 31.2 22.0 33.0

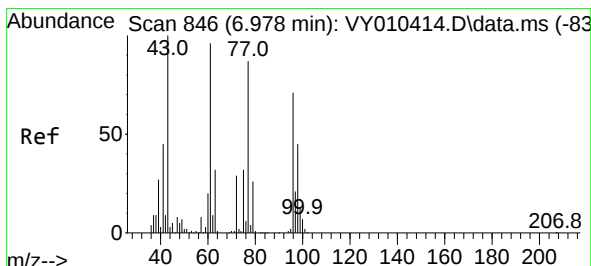
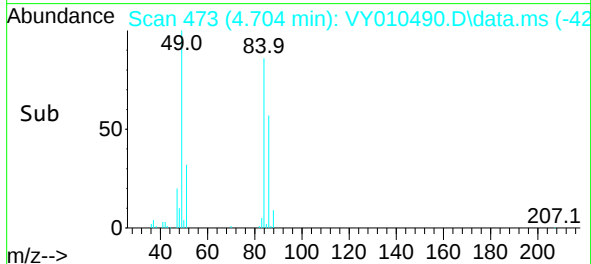
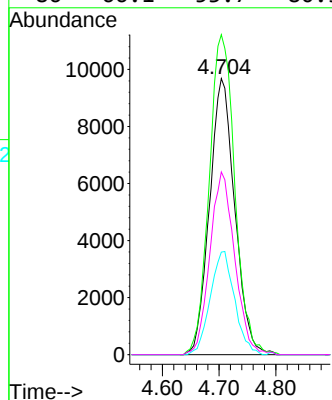
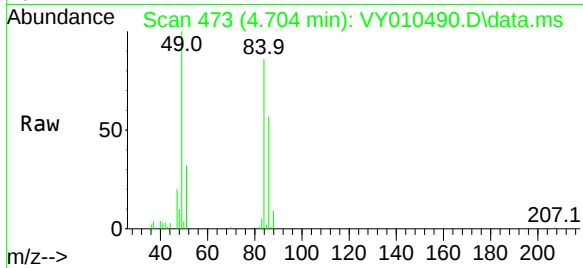




#20
Methylene Chloride
Concen: 10.303 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010490.D
Acq: 14 Sep 2022 17:34

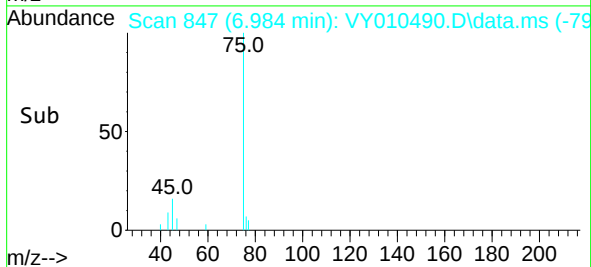
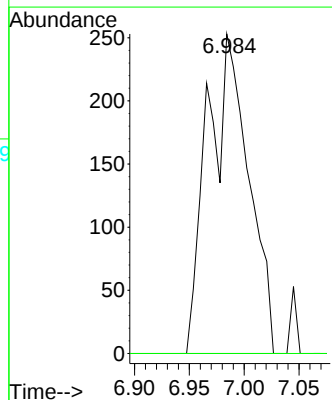
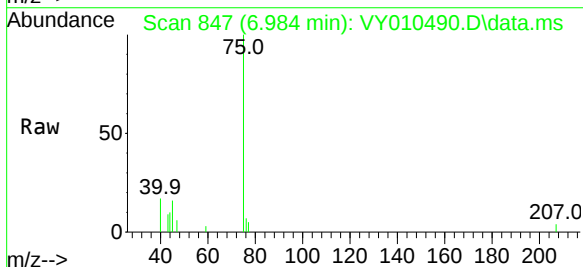
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-8

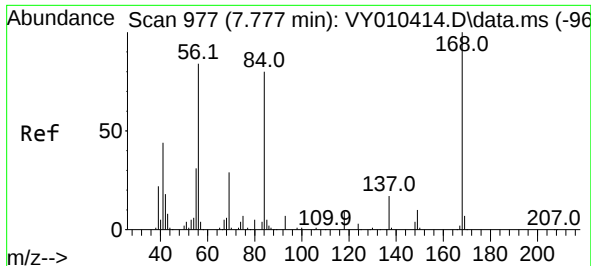
Tgt Ion:	84	Resp:	29886
Ion	Ratio	Lower	Upper
84	100		
49	115.9	114.4	171.6
51	37.1	35.3	52.9
86	66.1	53.7	80.5



#25
2-Butanone
Concen: 1.064 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY010490.D
Acq: 14 Sep 2022 17:34

Tgt Ion:	43	Resp:	662
Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#

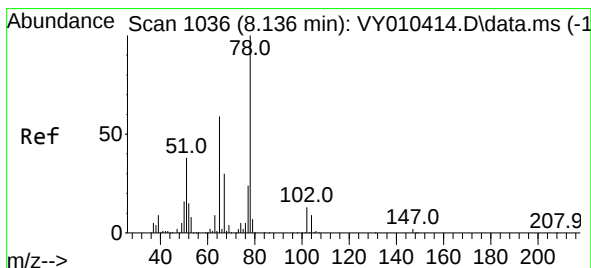
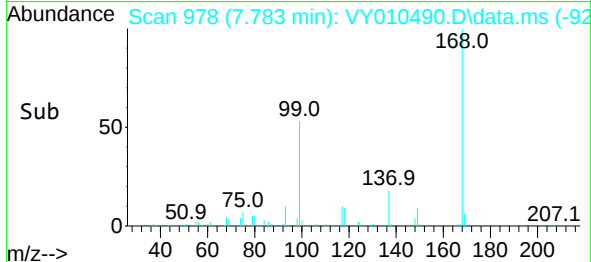
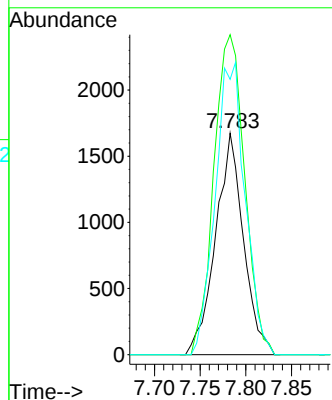
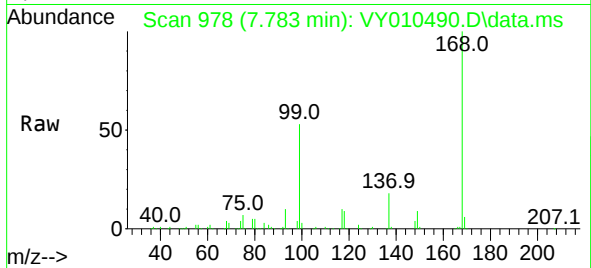




#31
Cyclohexane
Concen: 1.234 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010490.D
Acq: 14 Sep 2022 17:34

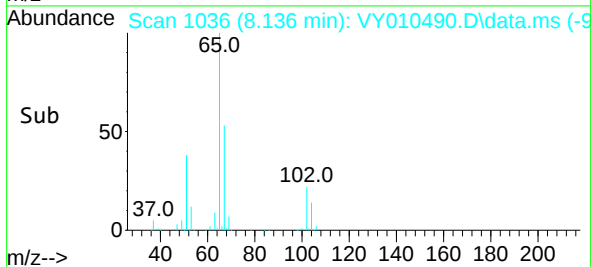
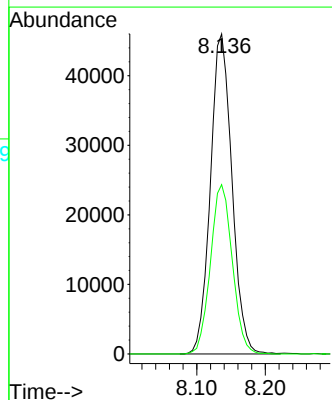
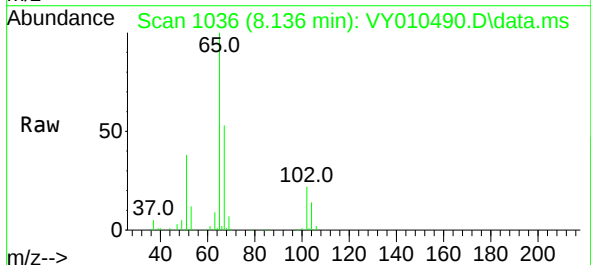
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-8

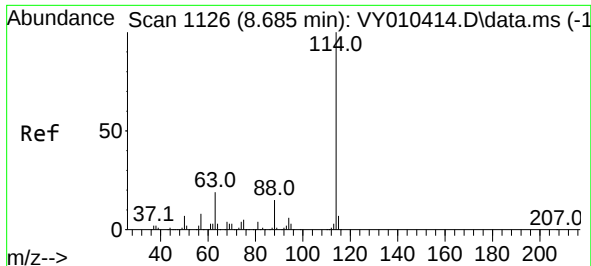
Tgt Ion: 56 Resp: 3559
Ion Ratio Lower Upper
56 100
69 144.5 26.7 40.1#
84 124.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 58.783 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010490.D
Acq: 14 Sep 2022 17:34

Tgt Ion: 65 Resp: 100327
Ion Ratio Lower Upper
65 100
67 53.7 0.0 99.4

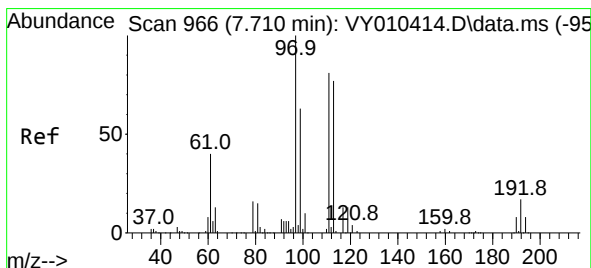
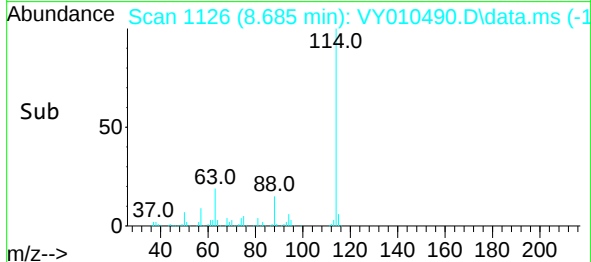
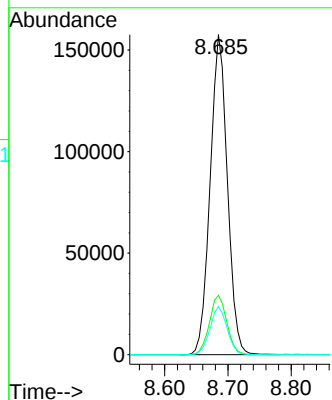
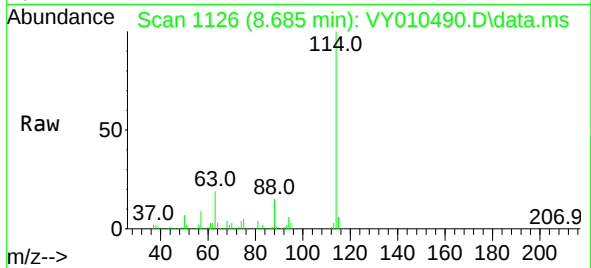




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY010490.D
Acq: 14 Sep 2022 17:34

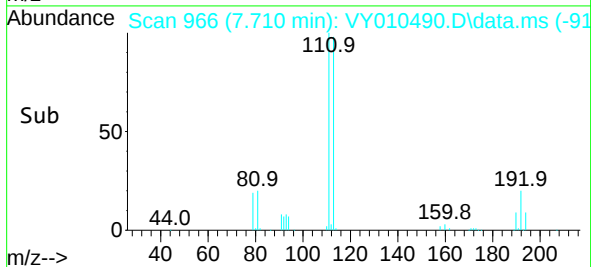
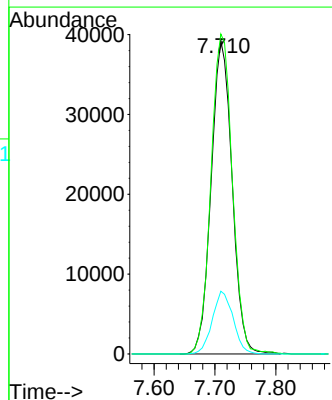
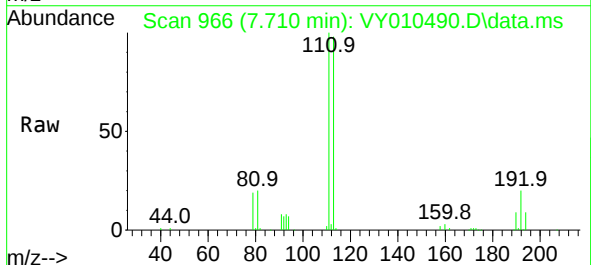
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-8

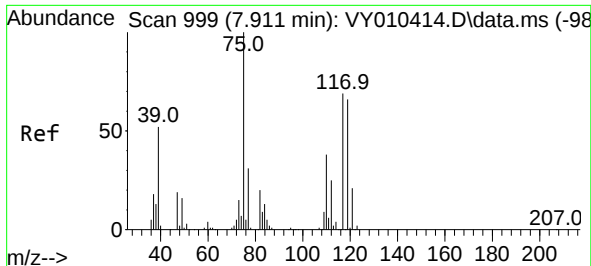
Tgt Ion:114 Resp: 297819
Ion Ratio Lower Upper
114 100
63 18.5 0.0 43.2
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 44.313 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010490.D
Acq: 14 Sep 2022 17:34

Tgt Ion:113 Resp: 93728
Ion Ratio Lower Upper
113 100
111 104.2 82.6 124.0
192 19.9 17.6 26.4

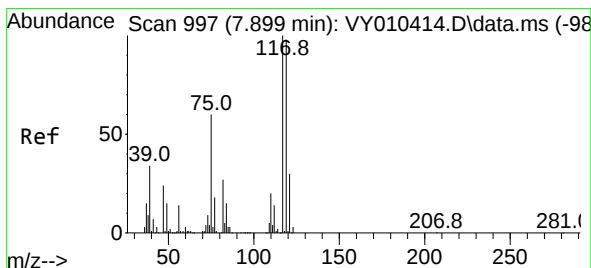
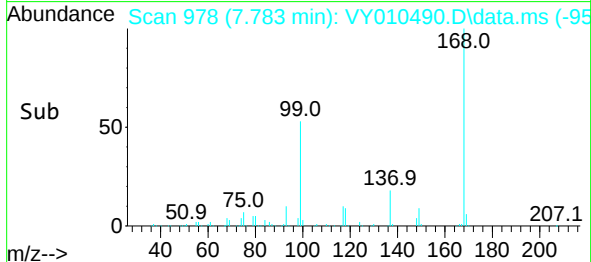
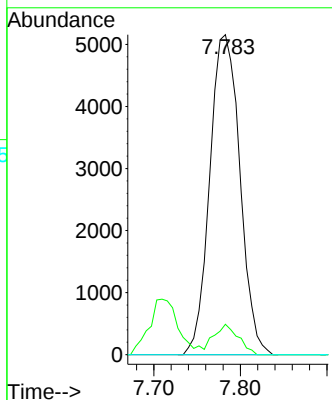
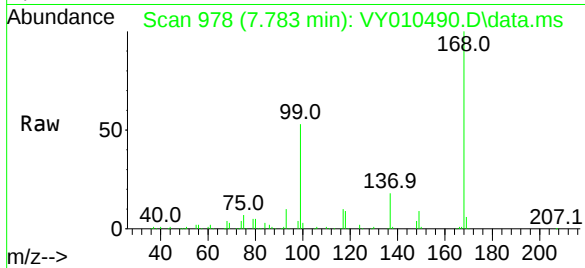




#36
 1,1-Dichloropropene
 Concen: 4.301 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY010490.D
 Acq: 14 Sep 2022 17:34

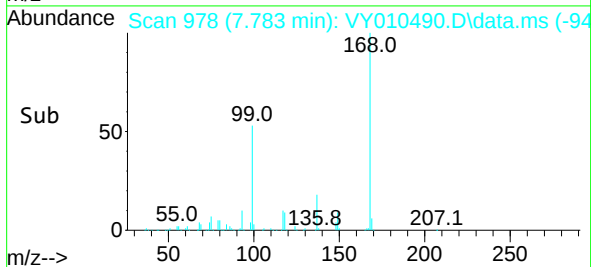
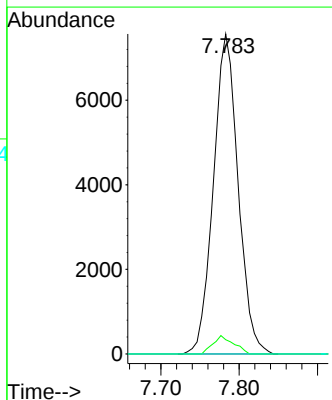
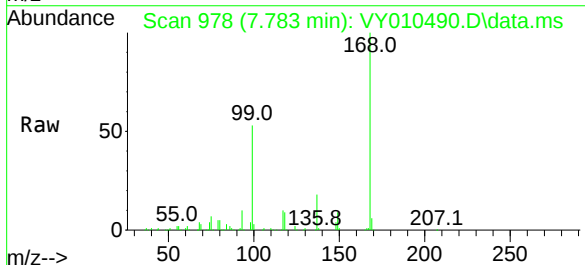
Instrument :
 MSVOA_Y
 ClientSampleId :
 CHERRY-HILL-COMP-8

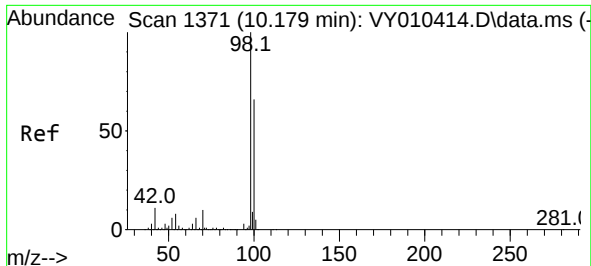
Tgt Ion: 75 Resp: 12455
 Ion Ratio Lower Upper
 75 100
 110 7.7 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.144 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.116 min
 Lab File: VY010490.D
 Acq: 14 Sep 2022 17:34

Tgt Ion: 117 Resp: 16572
 Ion Ratio Lower Upper
 117 100
 119 4.4 77.9 116.9#
 121 0.0 24.8 37.2#

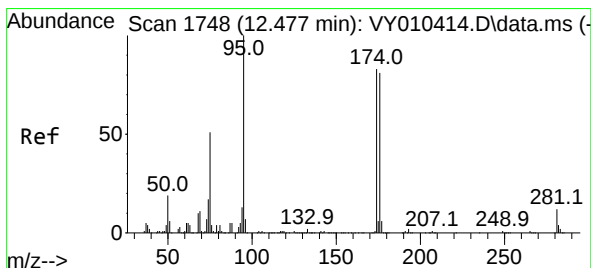
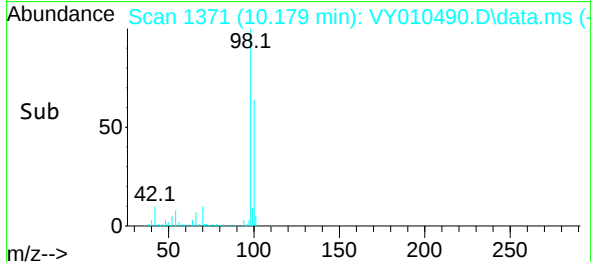
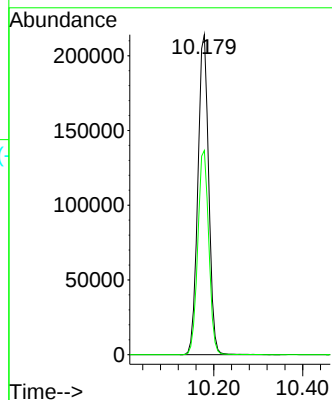
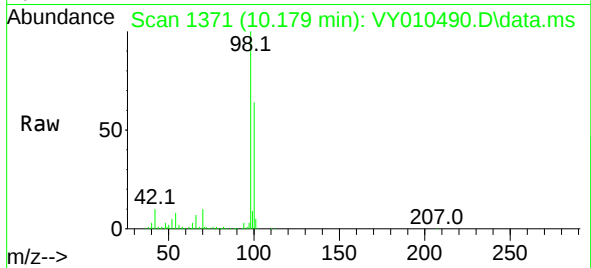




#50
Toluene-d8
Concen: 52.606 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010490.D
Acq: 14 Sep 2022 17:34

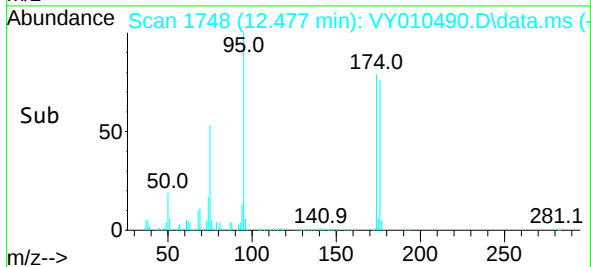
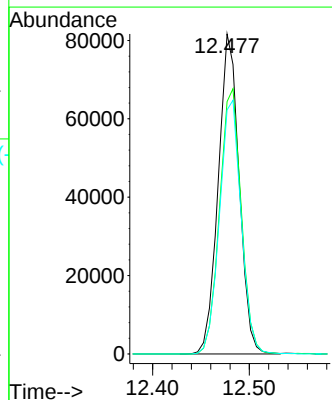
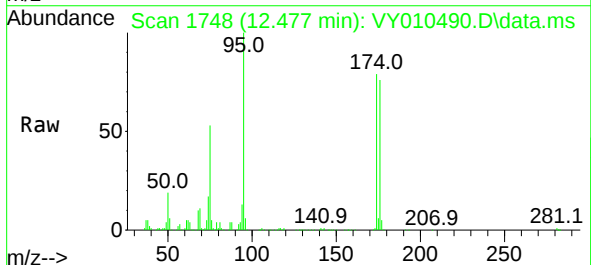
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-8

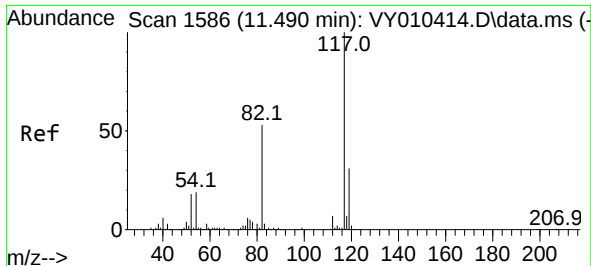
Tgt Ion: 98 Resp: 360611
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.185 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010490.D
Acq: 14 Sep 2022 17:34

Tgt Ion: 95 Resp: 122004
Ion Ratio Lower Upper
95 100
174 86.0 0.0 177.0
176 82.5 0.0 175.8

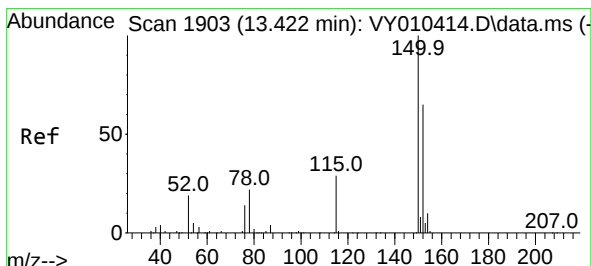
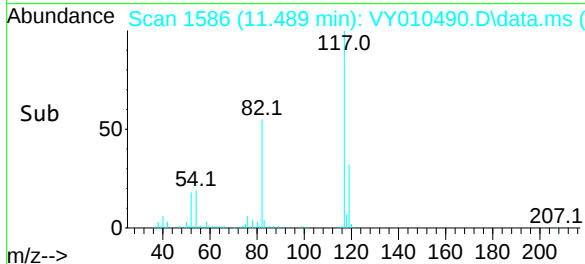
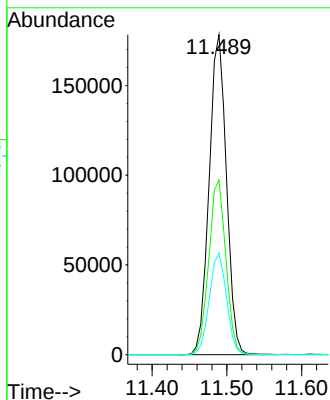
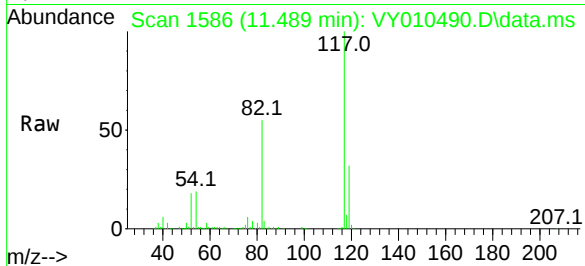




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010490.D
Acq: 14 Sep 2022 17:34

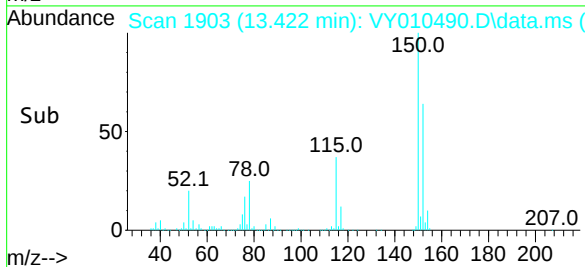
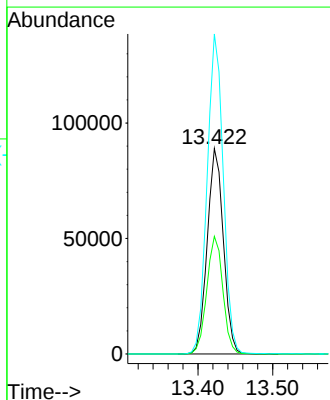
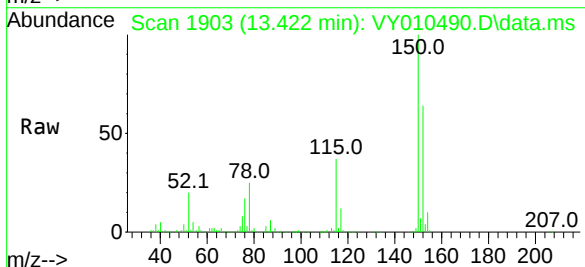
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-8

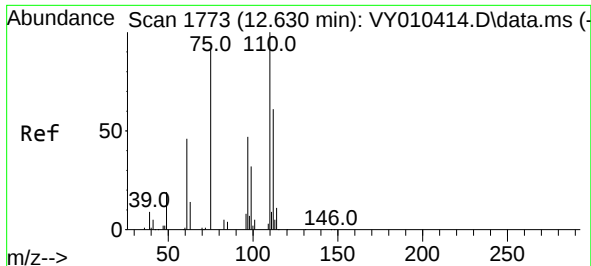
Tgt Ion:117 Resp: 286705
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010490.D
Acq: 14 Sep 2022 17:34

Tgt Ion:152 Resp: 133512
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 155.7 0.0 347.6

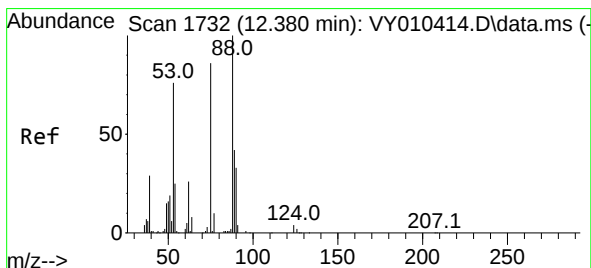
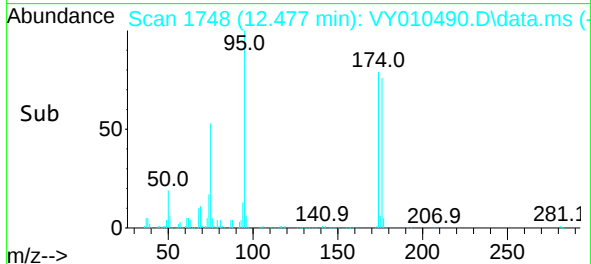
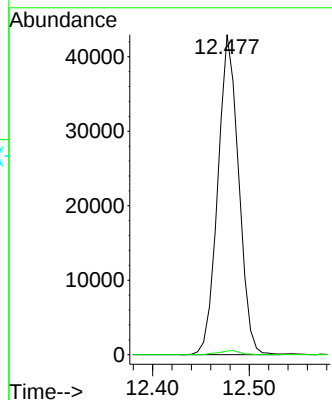
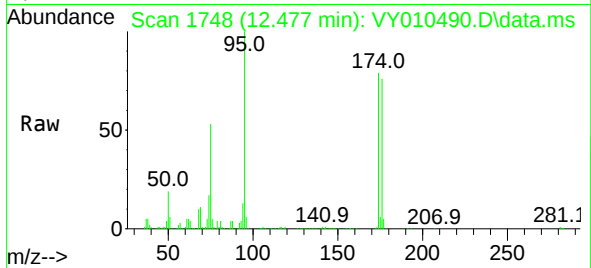




#76
1,2,3-Trichloropropane
Concen: 43.565 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY010490.D
Acq: 14 Sep 2022 17:34

Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-8

Tgt Ion: 75 Resp: 64194
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.730 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY010490.D
Acq: 14 Sep 2022 17:34

Tgt Ion: 75 Resp: 64194
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

