

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091422\
 Data File : VY010492.D
 Acq On : 14 Sep 2022 18:21
 Operator : KP/MD
 Sample : N4578-41
 Misc : 3.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHERRY-HILL-COMP-10

Quant Time: Sep 15 01:11:25 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)

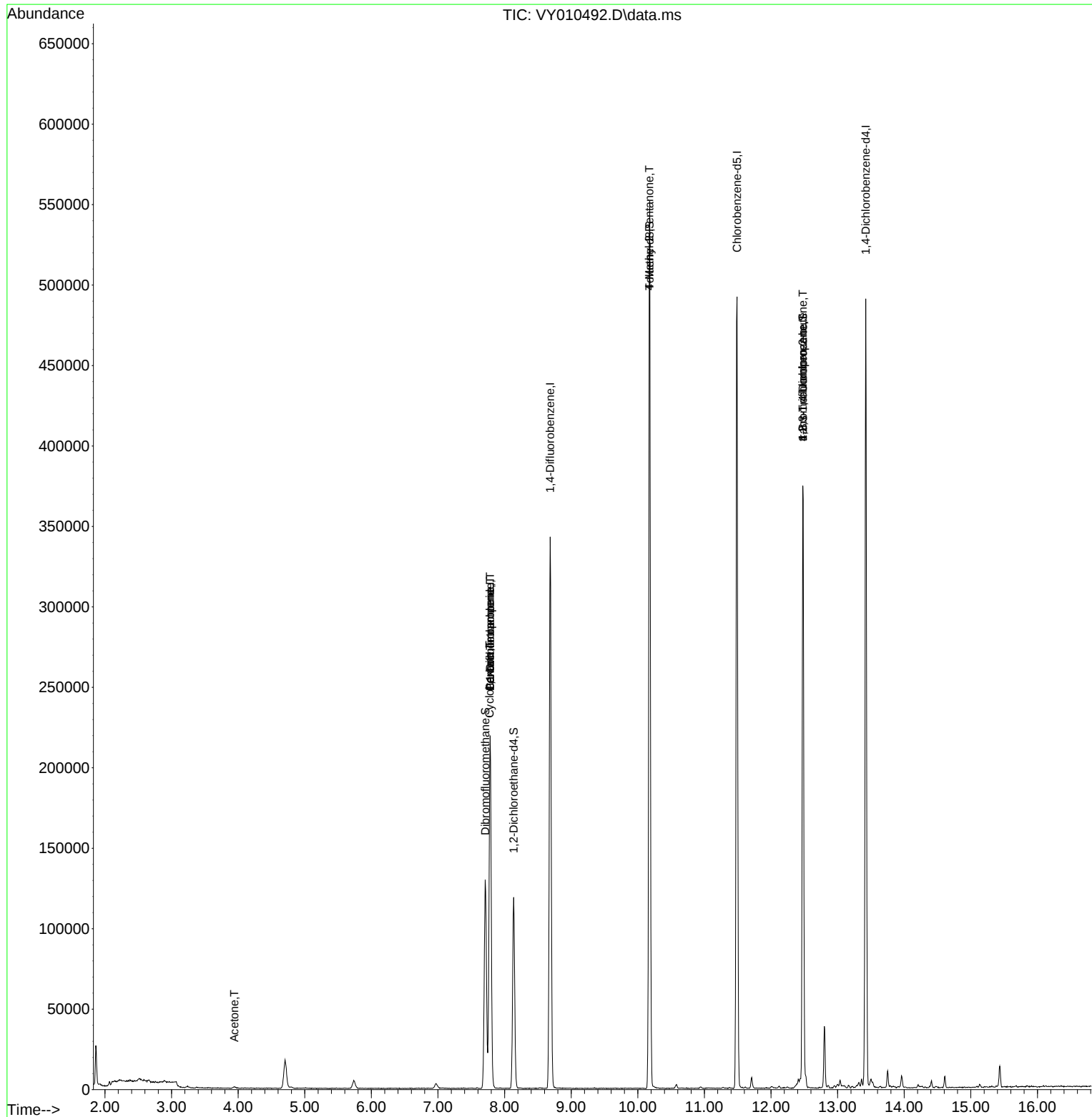
Internal Standards						
1) Pentafluorobenzene	7.783	168	171398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	296772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	273544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	91281	52.878	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.760%	
35) Dibromofluoromethane	7.710	113	90998	43.174	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 86.340%	
50) Toluene-d8	10.179	98	356679	52.216	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.440%	
62) 4-Bromofluorobenzene	12.477	95	114444	41.182	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.360%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.894	85	63	Below Cal	#	43
11) Tert butyl alcohol	4.942	59	253	Below Cal	#	77
16) Acetone	3.942	43	1753	4.425	ug/l	98
20) Methylene Chloride	4.704	84	13130	Below Cal		85
31) Cyclohexane	7.777	56	3584	1.229	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	13268	4.598	ug/l #	51
38) Carbon Tetrachloride	7.783	117	17071	5.318	ug/l #	15
51) 4-Methyl-2-Pentanone	10.173	43	1523	1.000	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	59151	43.708	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	59151	97.047	ug/l #	7

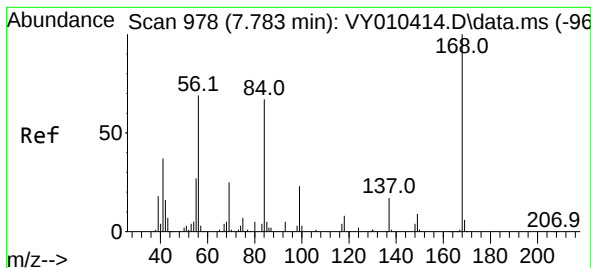
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CHERRY-HILL-COMP-10

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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: VY010492.D

Acq: 14 Sep 2022 18:21

Instrument :

MSVOA_Y

ClientSampleId :

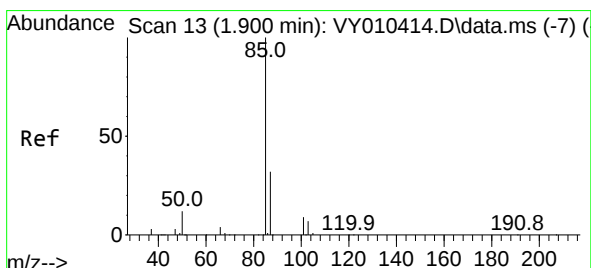
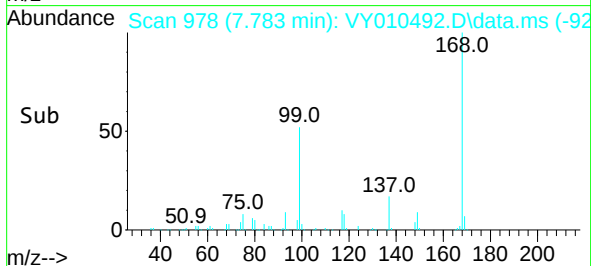
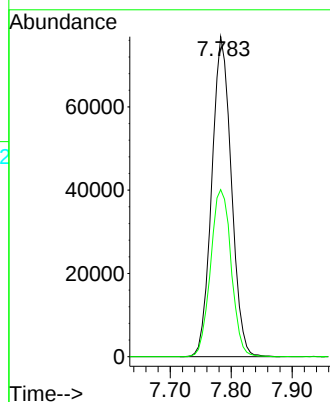
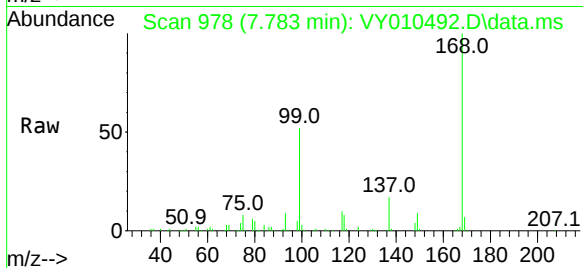
CHERRY-HILL-COMP-10

Tgt Ion:168 Resp: 171398

Ion Ratio Lower Upper

168 100

99 52.2 46.9 70.3



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.894 min Scan# 12

Delta R.T. -0.006 min

Lab File: VY010492.D

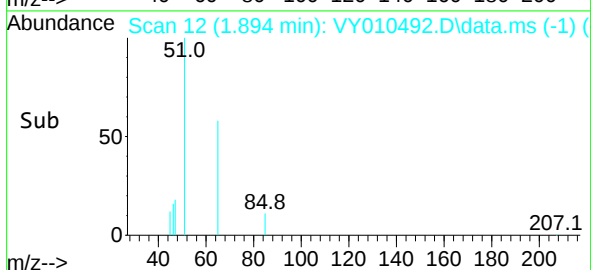
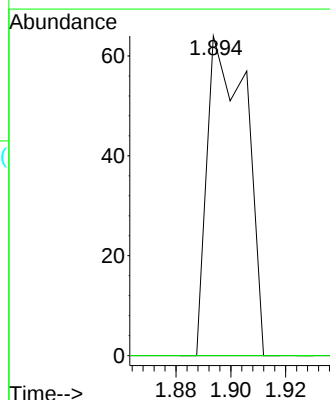
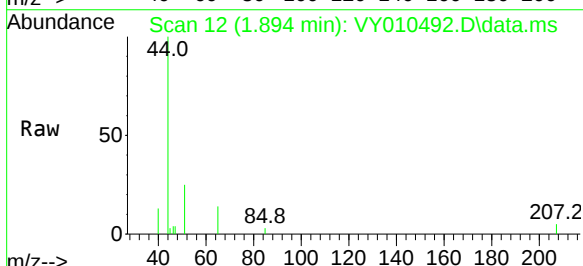
Acq: 14 Sep 2022 18:21

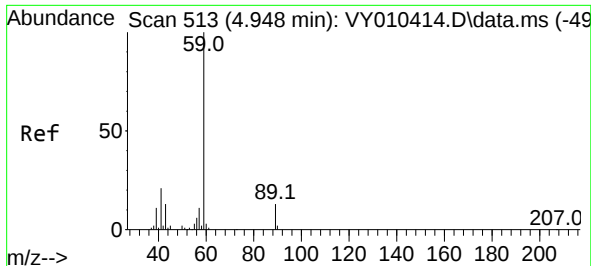
Tgt Ion: 85 Resp: 63

Ion Ratio Lower Upper

85 100

87 0.0 16.1 48.2#

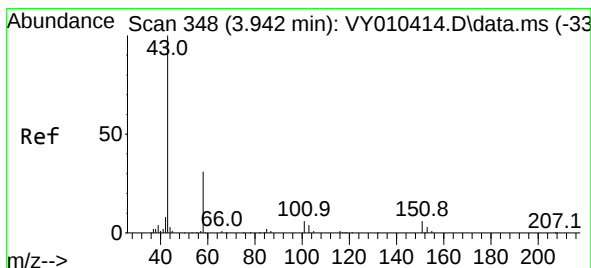
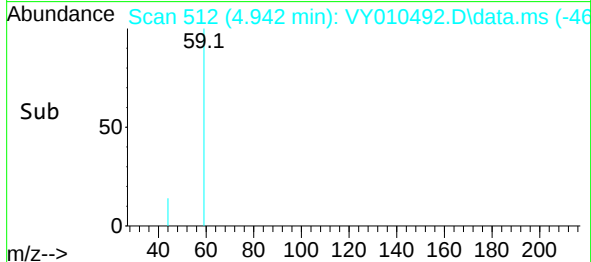
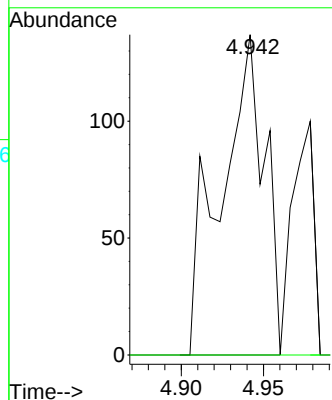
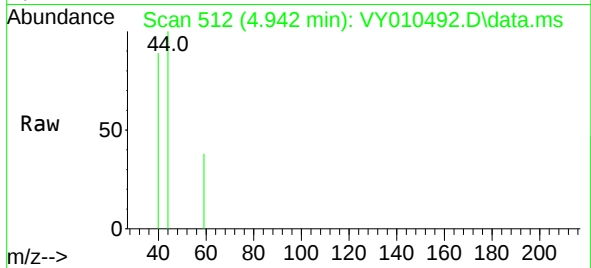




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY010492.D
Acq: 14 Sep 2022 18:21

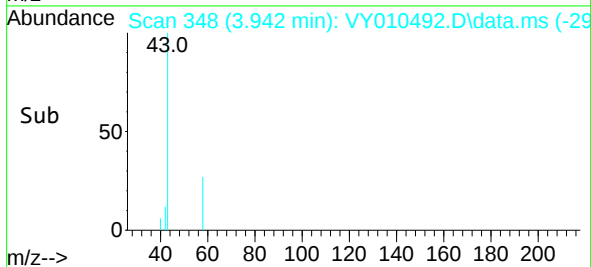
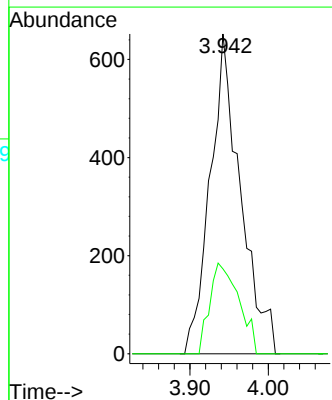
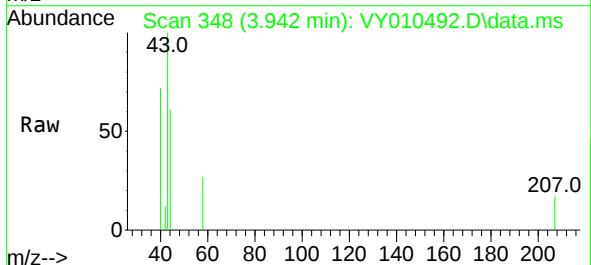
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CHERRY-HILL-COMP-10

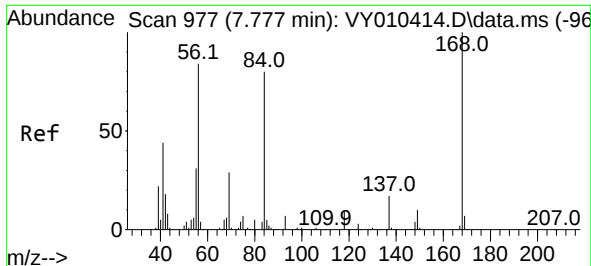
Tgt Ion: 59 Resp: 253
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 4.425 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010492.D
Acq: 14 Sep 2022 18:21

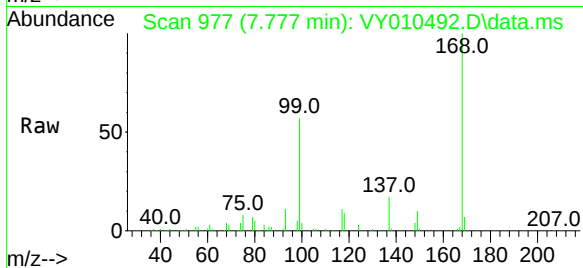
Tgt Ion: 43 Resp: 1753
Ion Ratio Lower Upper
43 100
58 26.5 22.0 33.0



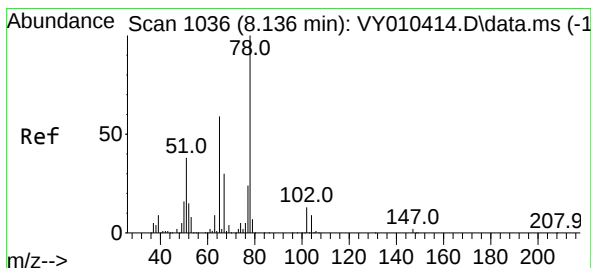
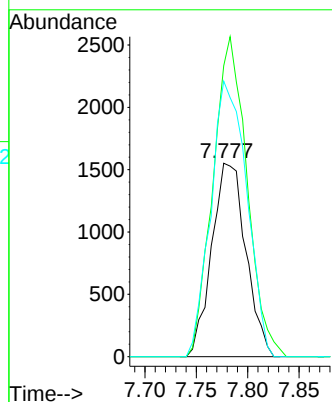
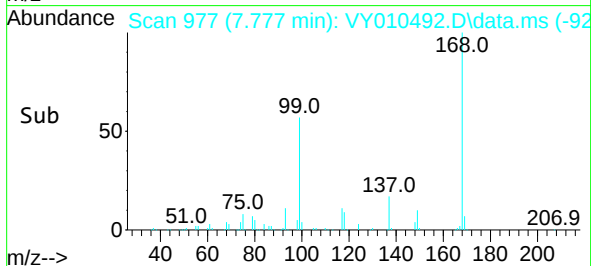


#31
Cyclohexane
Concen: 1.229 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010492.D
Acq: 14 Sep 2022 18:21

Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-10

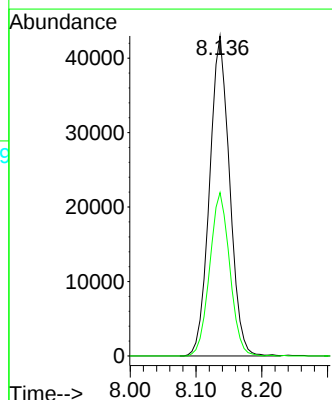
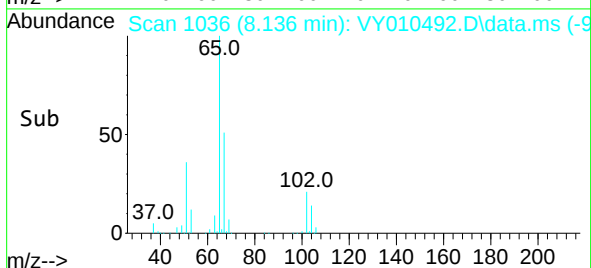
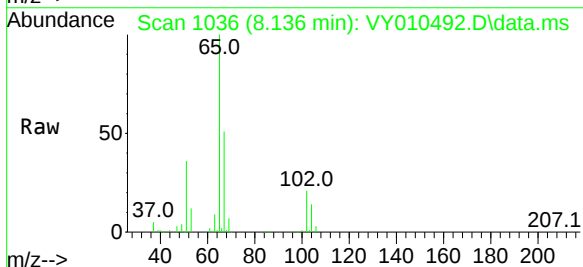


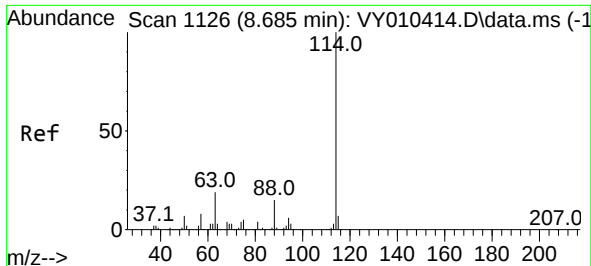
Tgt Ion: 56 Resp: 3584
Ion Ratio Lower Upper
56 100
69 150.4 26.7 40.1#
84 142.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 52.878 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010492.D
Acq: 14 Sep 2022 18:21

Tgt Ion: 65 Resp: 91281
Ion Ratio Lower Upper
65 100
67 51.0 0.0 99.4

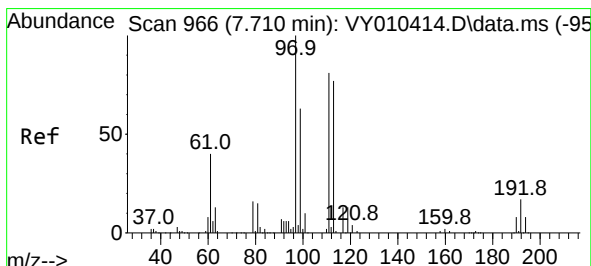
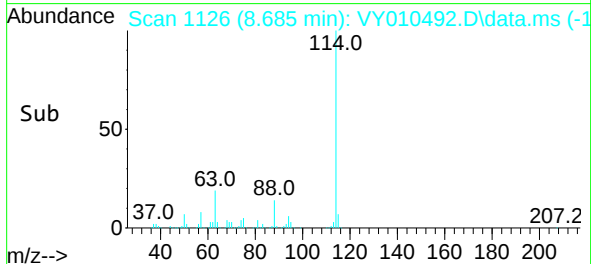
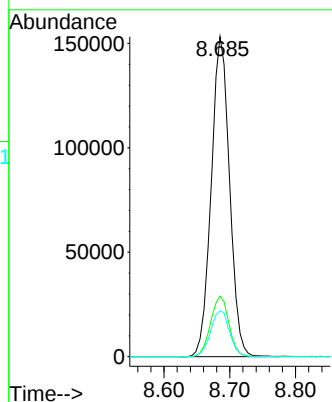
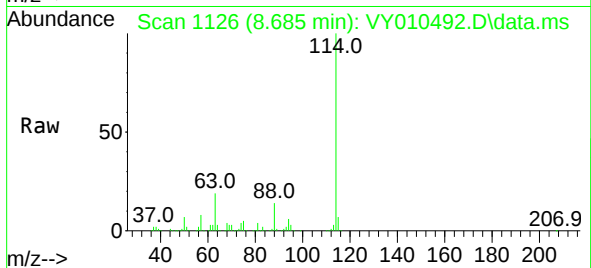




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010492.D
Acq: 14 Sep 2022 18:21

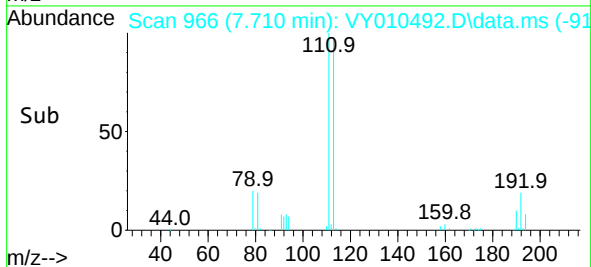
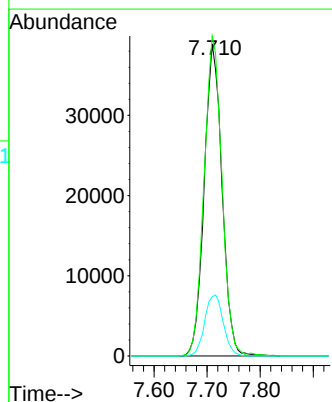
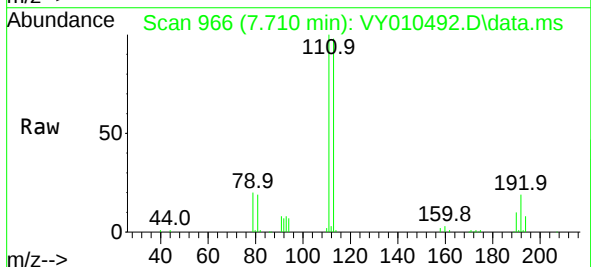
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-10

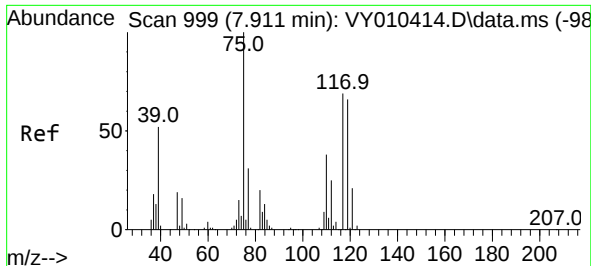
Tgt Ion:114 Resp: 296772
Ion Ratio Lower Upper
114 100
63 18.9 0.0 43.2
88 14.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 43.174 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010492.D
Acq: 14 Sep 2022 18:21

Tgt Ion:113 Resp: 90998
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 20.3 17.6 26.4

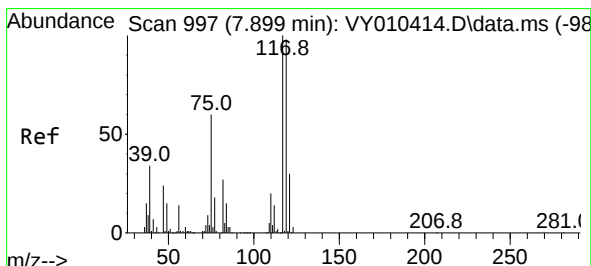
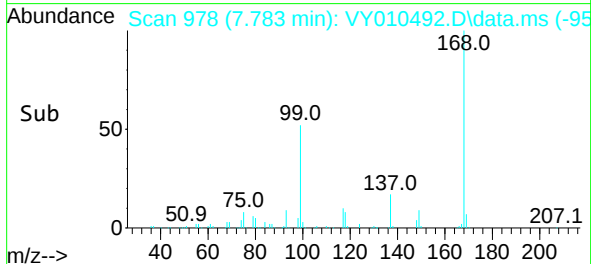
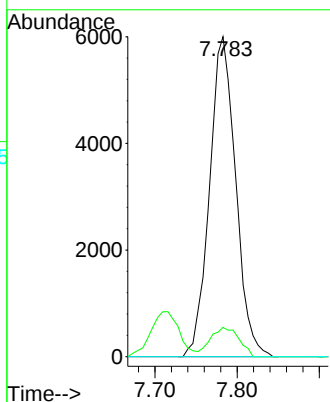
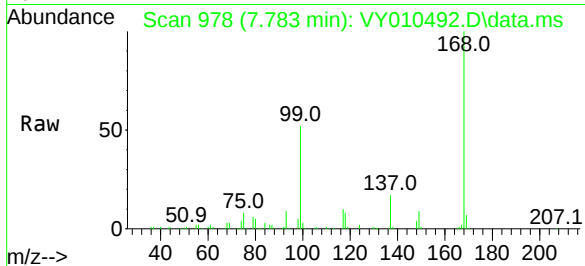




#36
1,1-Dichloropropene
Concen: 4.598 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010492.D
Acq: 14 Sep 2022 18:21

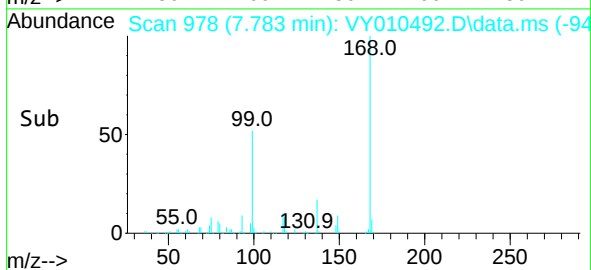
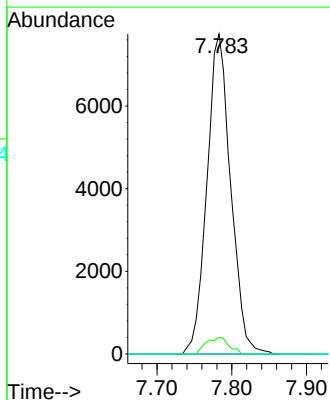
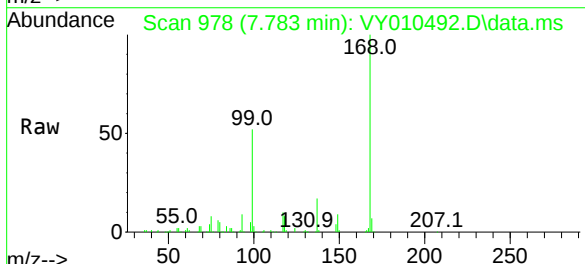
Instrument :
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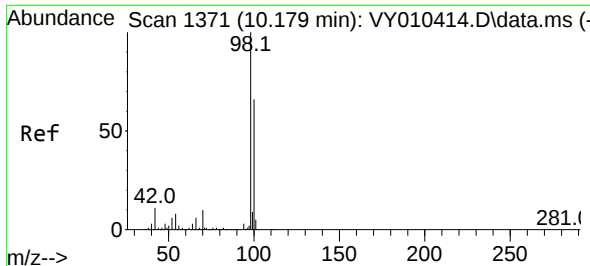
Tgt Ion: 75 Resp: 13268
Ion Ratio Lower Upper
75 100
110 9.9 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.318 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY010492.D
Acq: 14 Sep 2022 18:21

Tgt Ion: 117 Resp: 17071
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#

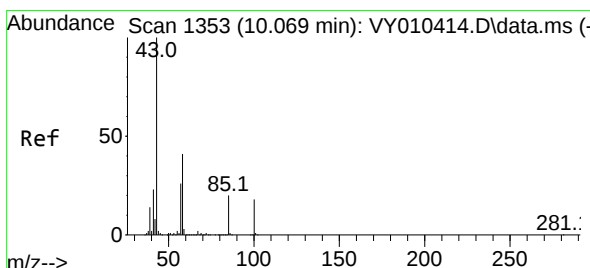
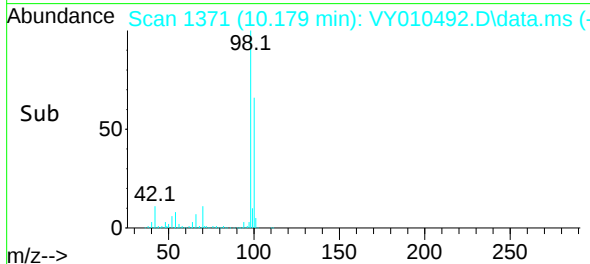
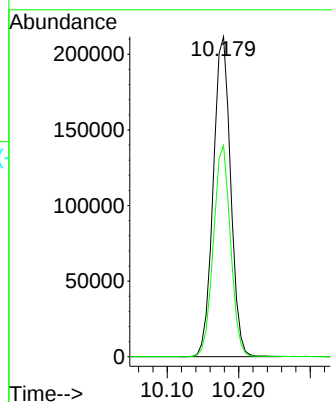
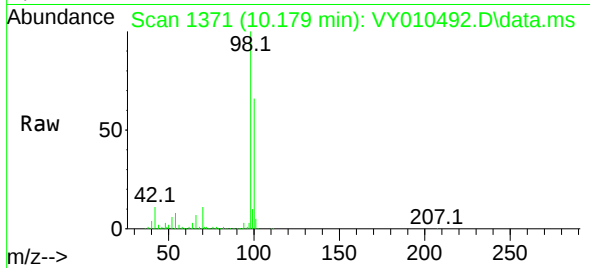




#50
Toluene-d8
Concen: 52.216 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010492.D
Acq: 14 Sep 2022 18:21

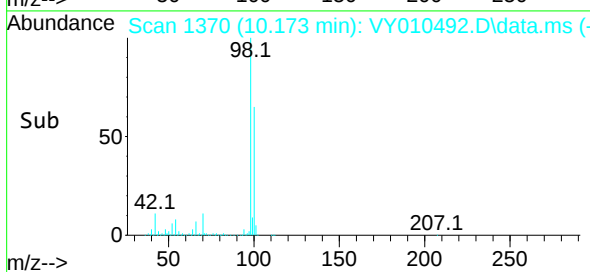
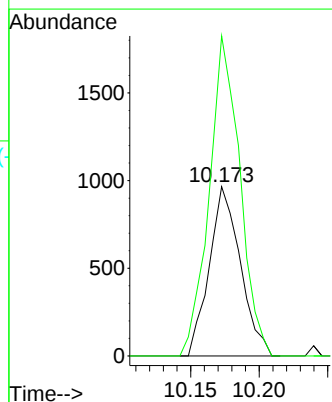
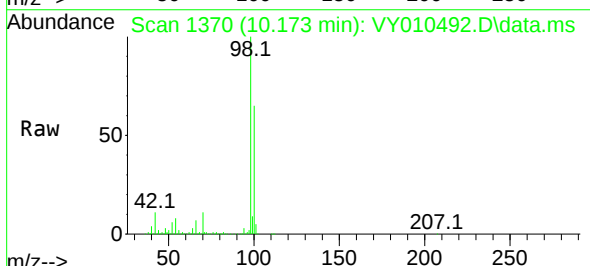
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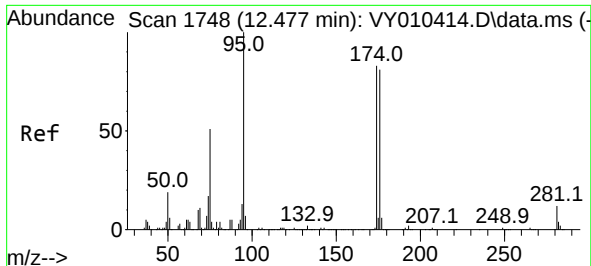
Tgt Ion: 98 Resp: 356679
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.000 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.104 min
Lab File: VY010492.D
Acq: 14 Sep 2022 18:21

Tgt Ion: 43 Resp: 1523
Ion Ratio Lower Upper
43 100
58 186.7 28.1 42.1#

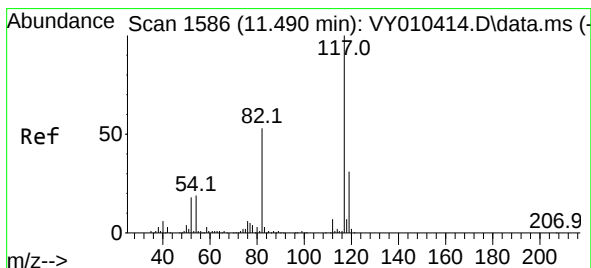
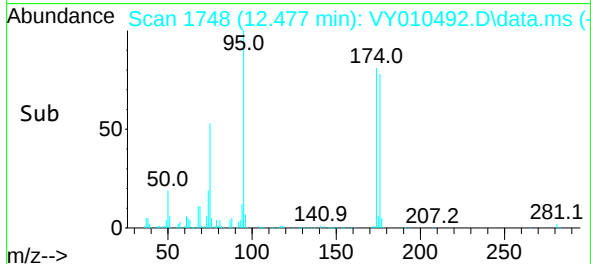
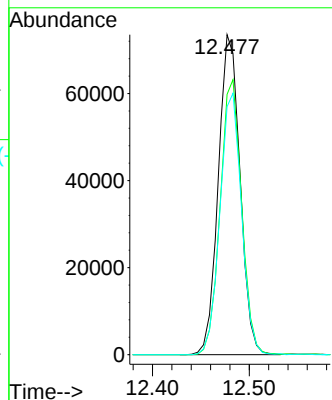
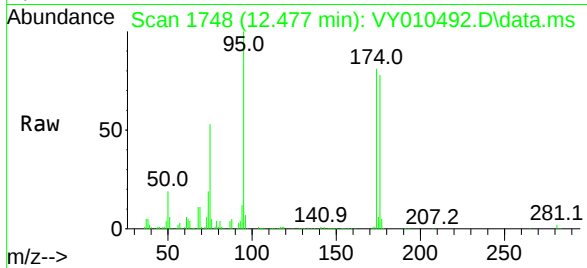




#62
4-Bromofluorobenzene
Concen: 41.182 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010492.D
Acq: 14 Sep 2022 18:21

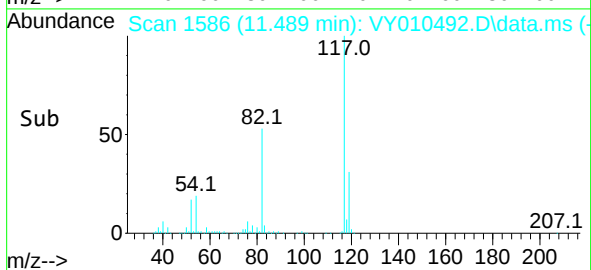
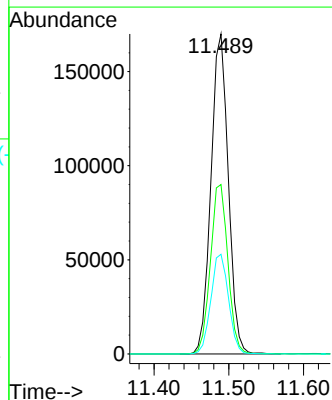
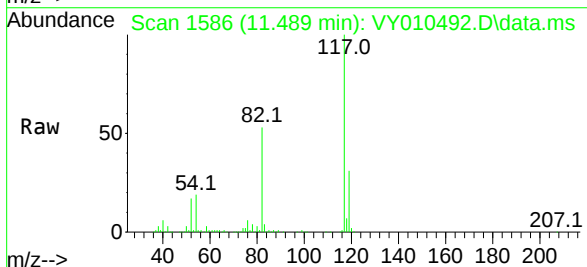
Instrument :
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ClientSampleId :
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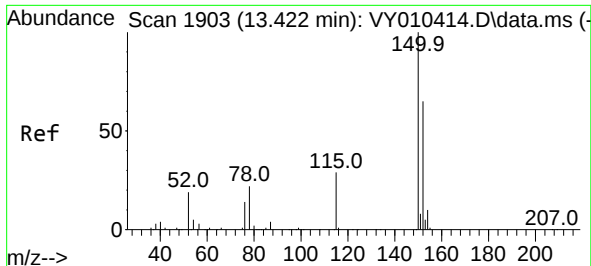
Tgt Ion: 95 Resp: 114444
Ion Ratio Lower Upper
95 100
174 84.9 0.0 177.0
176 81.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010492.D
Acq: 14 Sep 2022 18:21

Tgt Ion: 117 Resp: 273544
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 31.2 25.4 38.0

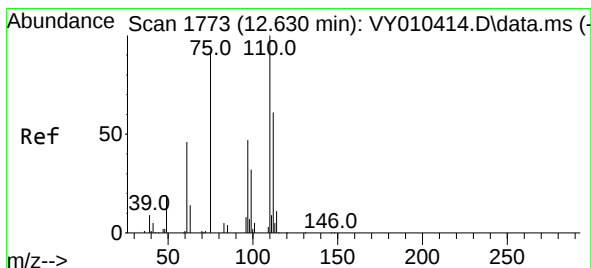
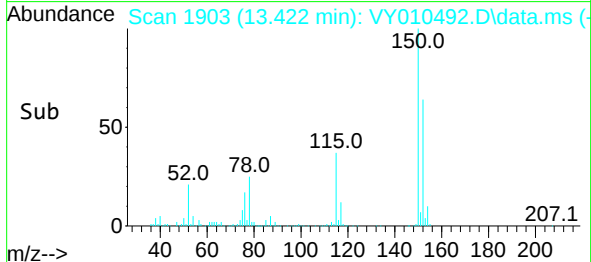
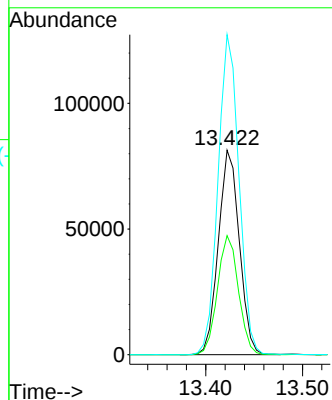
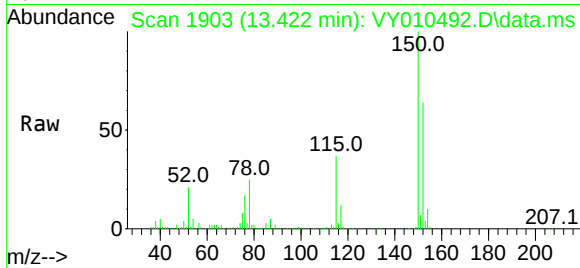




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010492.D
Acq: 14 Sep 2022 18:21

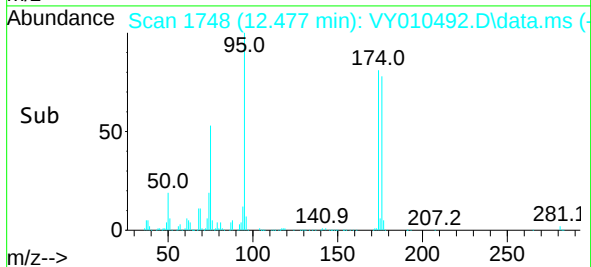
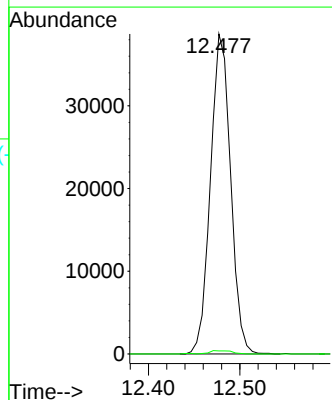
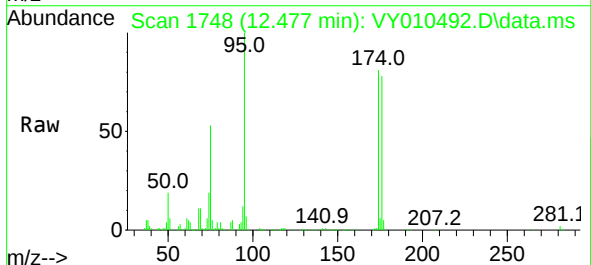
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-10

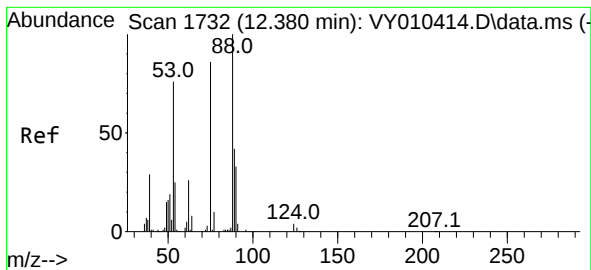
Tgt Ion:152 Resp: 122621
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 156.1 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 43.708 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010492.D
Acq: 14 Sep 2022 18:21

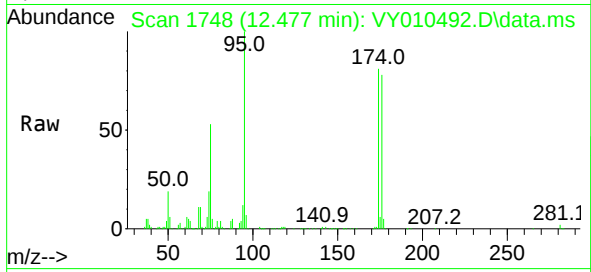
Tgt Ion: 75 Resp: 59151
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 97.047 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY010492.D
Acq: 14 Sep 2022 18:21

Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-10



Tgt Ion:	75	Resp:	59151
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

