

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091422\
 Data File : VY010488.D
 Acq On : 14 Sep 2022 16:47
 Operator : KP/MD
 Sample : N4578-23
 Misc : 3.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHERRY-HILL-COMP-6

Quant Time: Sep 15 01:10:52 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)

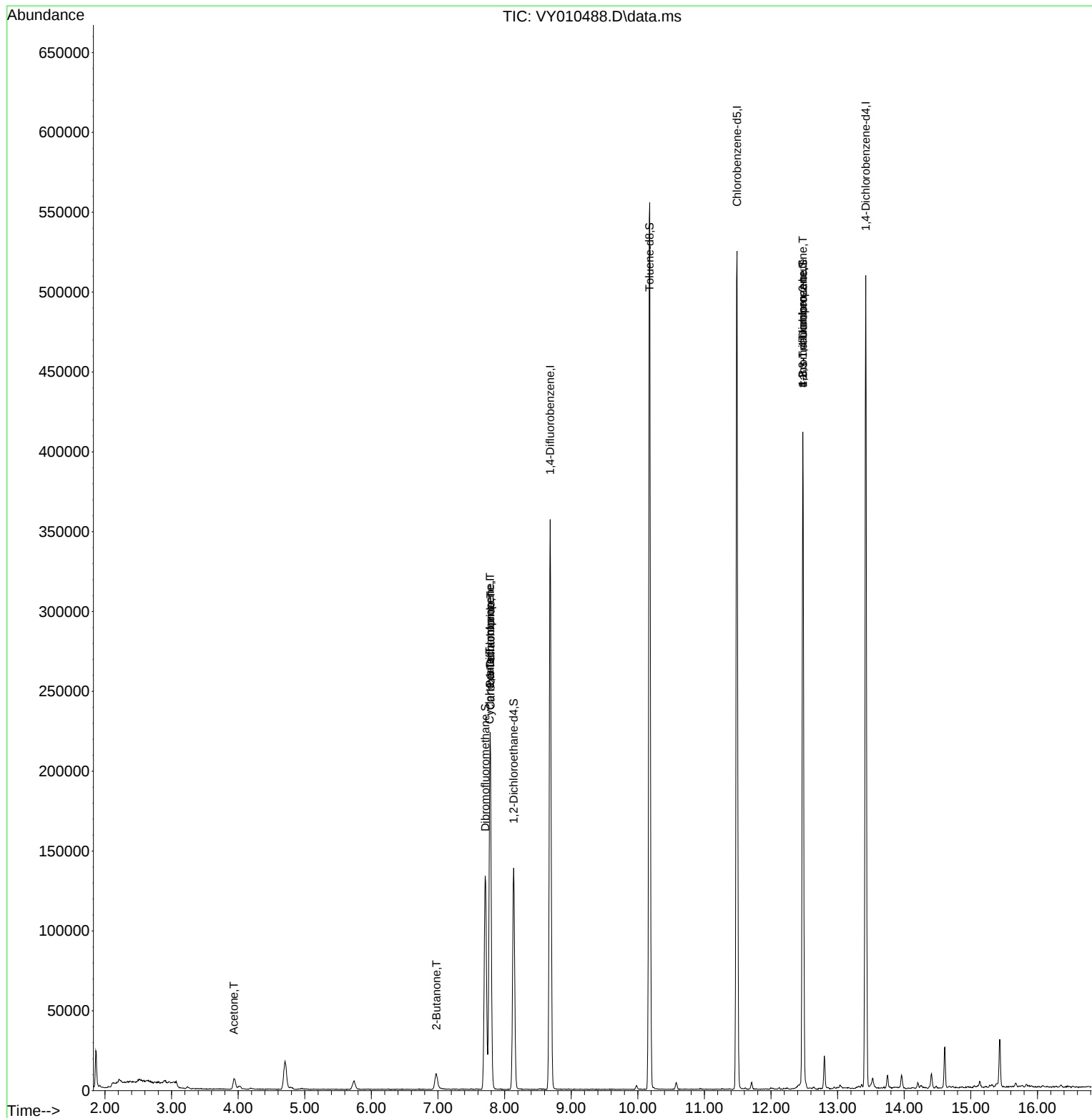
Internal Standards						
1) Pentafluorobenzene	7.783	168	173972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	301594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	289286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	128485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	107443	61.320	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.640%	
35) Dibromofluoromethane	7.710	113	96475	45.041	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.080%	
50) Toluene-d8	10.179	98	366683	52.822	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.640%	
62) 4-Bromofluorobenzene	12.477	95	123429	44.135	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.260%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	19	Below Cal	#	43
11) Tert butyl alcohol	4.942	59	522	Below Cal	#	77
16) Acetone	3.936	43	12143	30.198	ug/l	99
25) 2-Butanone	6.978	43	1561	2.443	ug/l #	82
31) Cyclohexane	7.777	56	3640	1.230	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	13056	4.452	ug/l #	50
38) Carbon Tetrachloride	7.789	117	16926	5.188	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	62654	44.183	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	62654	98.103	ug/l #	7

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

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CHERRY-HILL-COMP-6

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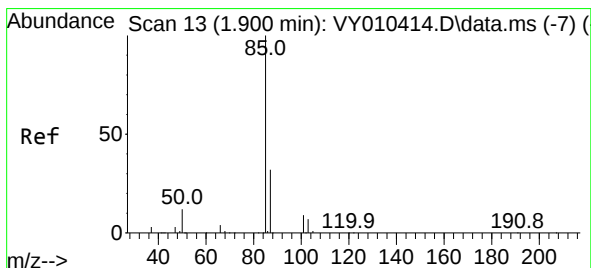
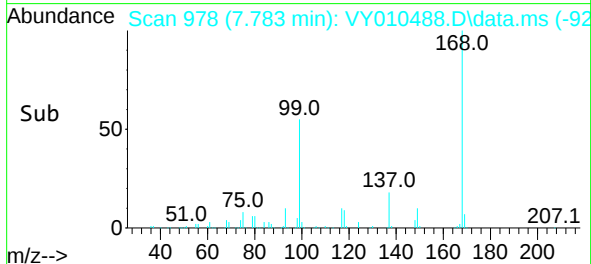
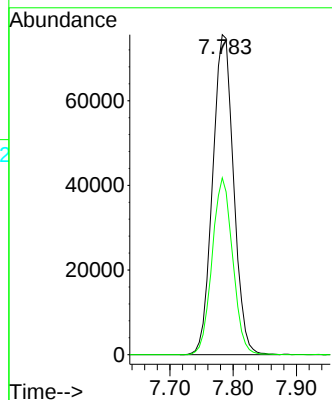
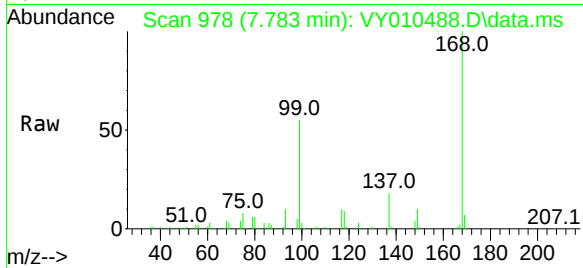




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010488.D
Acq: 14 Sep 2022 16:47

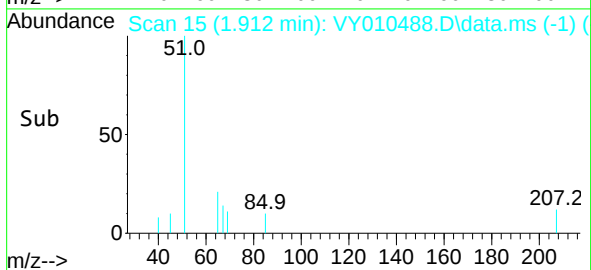
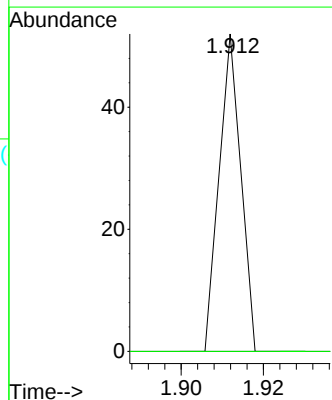
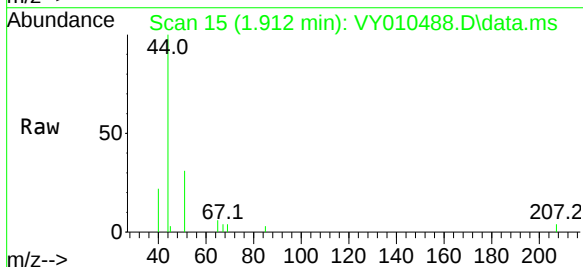
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-6

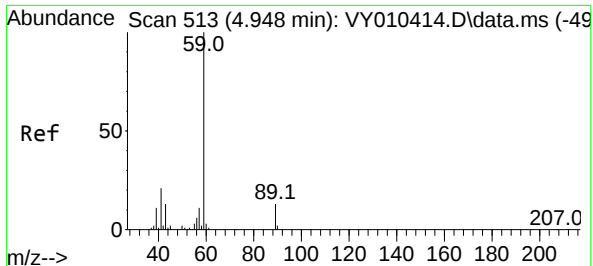
Tgt Ion:168 Resp: 173972
Ion Ratio Lower Upper
168 100
99 55.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY010488.D
Acq: 14 Sep 2022 16:47

Tgt Ion: 85 Resp: 19
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: VY010488.D

Acq: 14 Sep 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

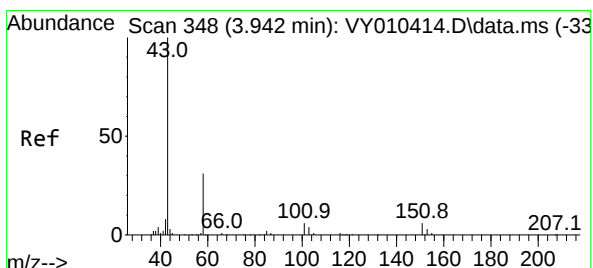
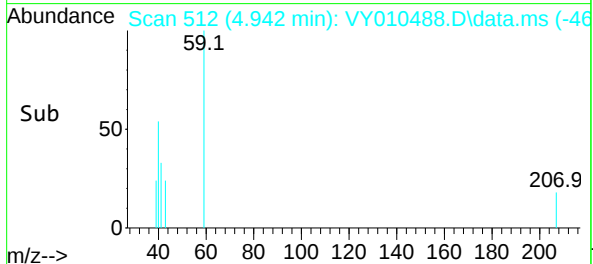
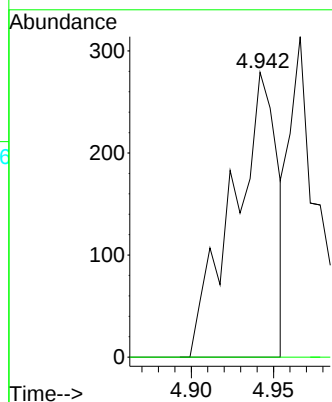
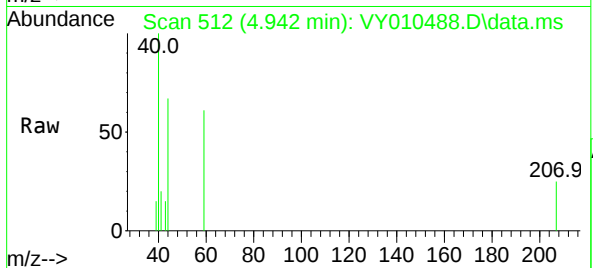
CHERRY-HILL-COMP-6

Tgt Ion: 59 Resp: 522

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 30.198 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.006 min

Lab File: VY010488.D

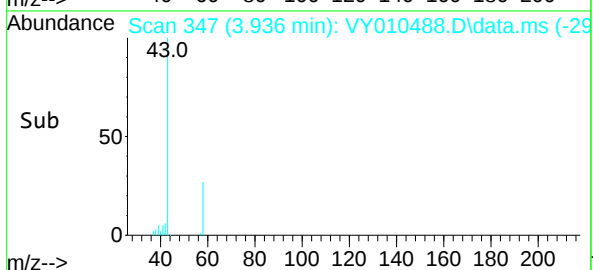
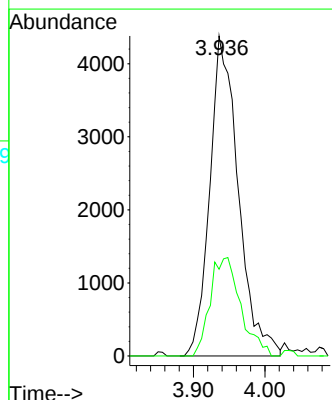
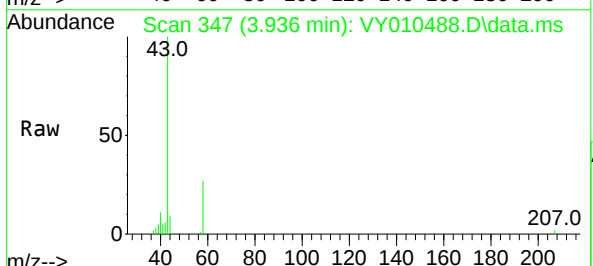
Acq: 14 Sep 2022 16:47

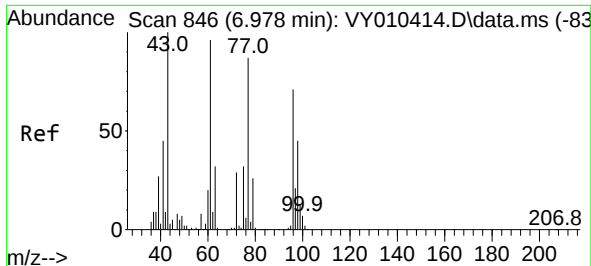
Tgt Ion: 43 Resp: 12143

Ion Ratio Lower Upper

43 100

58 27.1 22.0 33.0

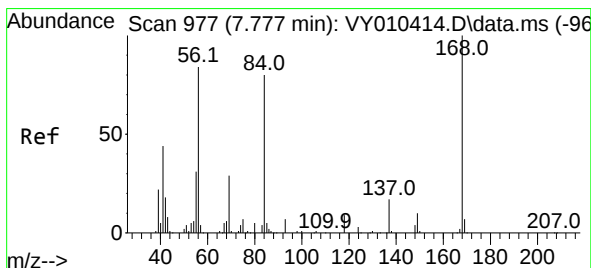
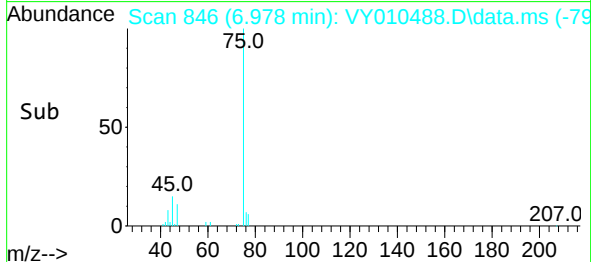
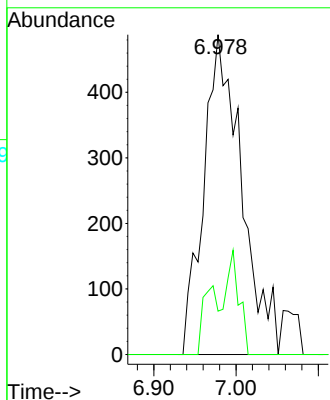
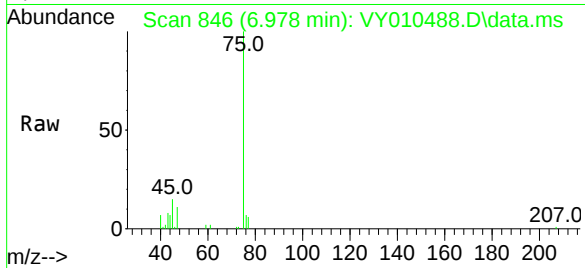




#25
2-Butanone
Concen: 2.443 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010488.D
Acq: 14 Sep 2022 16:47

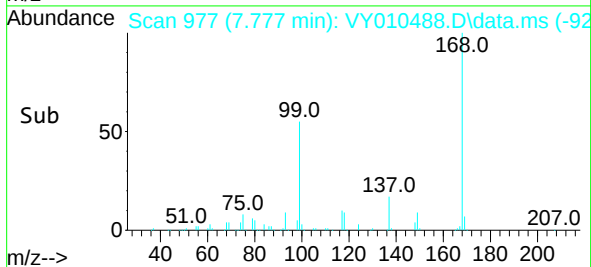
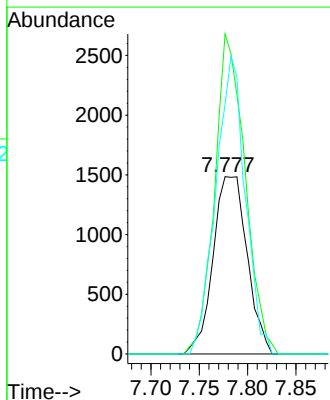
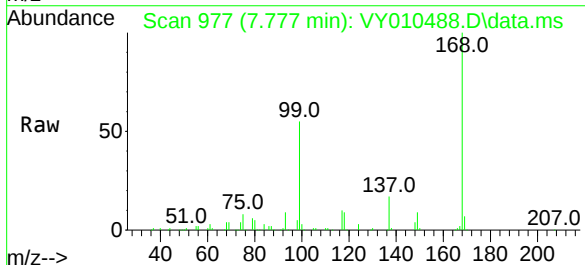
Instrument :
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CHERRY-HILL-COMP-6

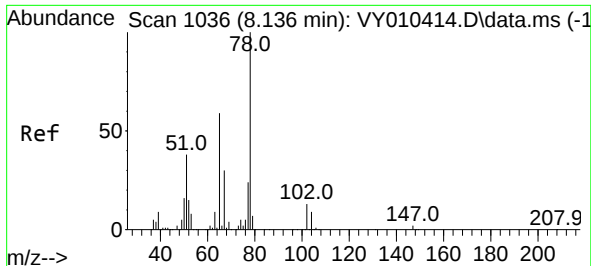
Tgt Ion: 43 Resp: 1561
Ion Ratio Lower Upper
43 100
72 13.5 17.7 26.5#



#31
Cyclohexane
Concen: 1.230 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY010488.D
Acq: 14 Sep 2022 16:47

Tgt Ion: 56 Resp: 3640
Ion Ratio Lower Upper
56 100
69 180.5 26.7 40.1#
84 140.8 67.2 100.8#

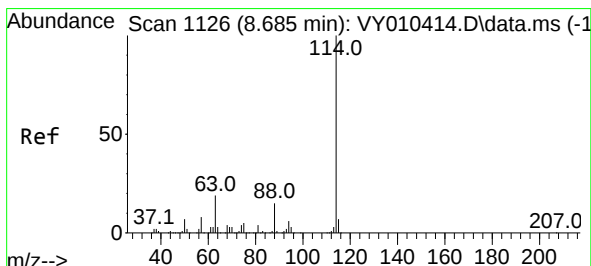
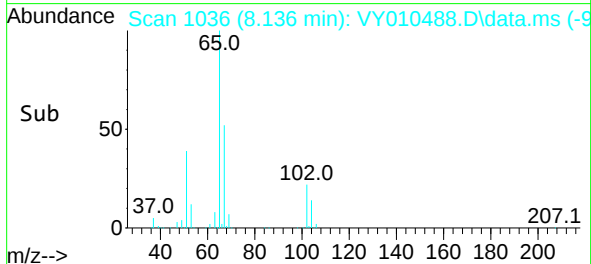
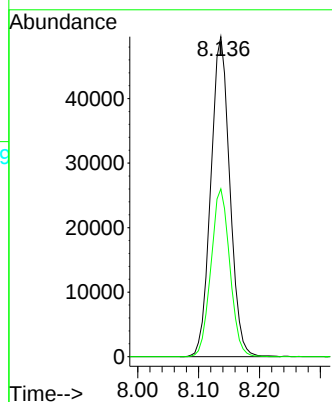
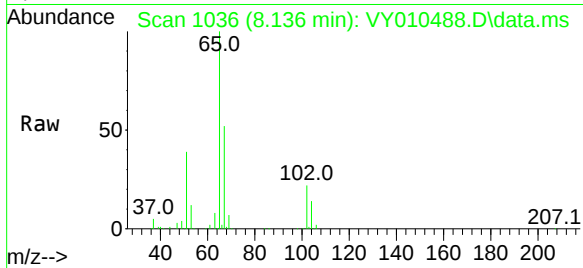




#33
 1,2-Dichloroethane-d4
 Concen: 61.320 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY010488.D
 Acq: 14 Sep 2022 16:47

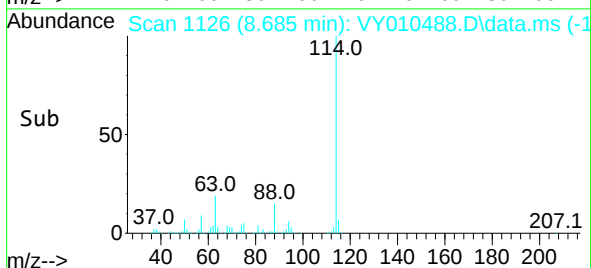
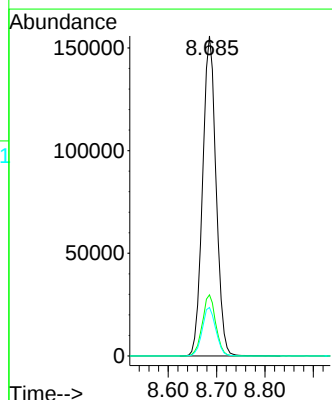
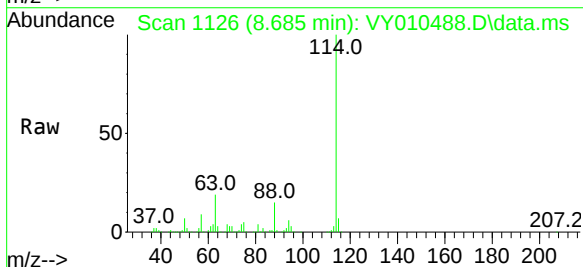
Instrument :
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 CHERRY-HILL-COMP-6

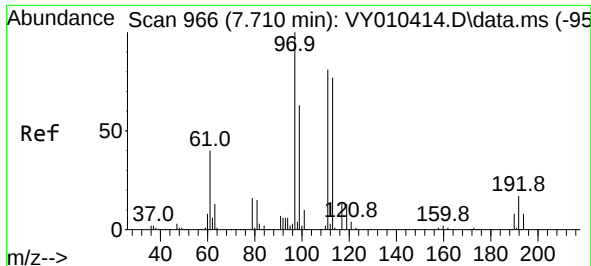
Tgt Ion: 65 Resp: 107443
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY010488.D
 Acq: 14 Sep 2022 16:47

Tgt Ion: 114 Resp: 301594
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 43.2
 88 15.2 0.0 31.8

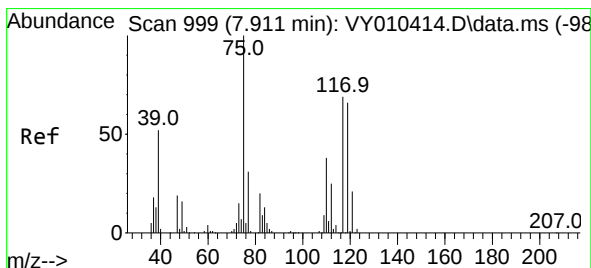
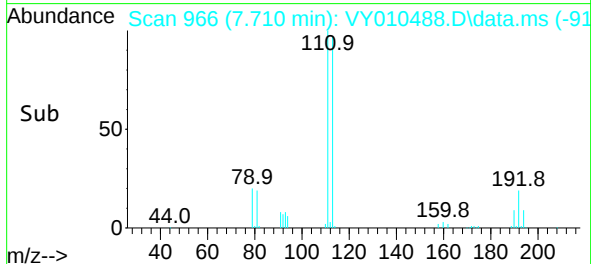
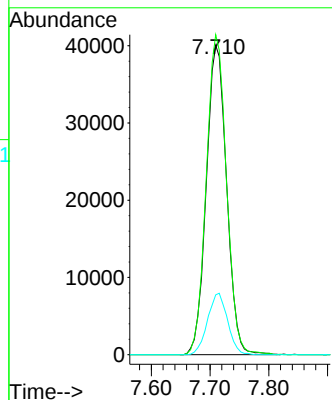
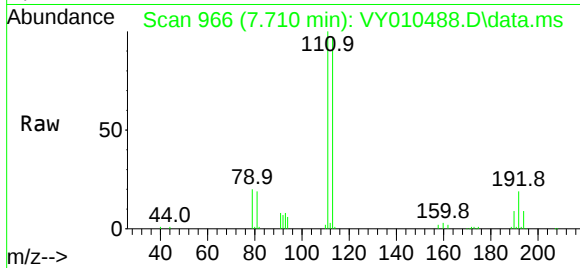




#35
Dibromofluoromethane
Concen: 45.041 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010488.D
Acq: 14 Sep 2022 16:47

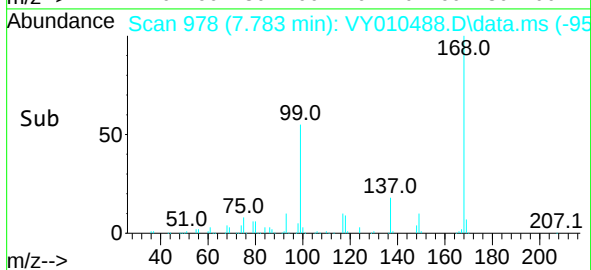
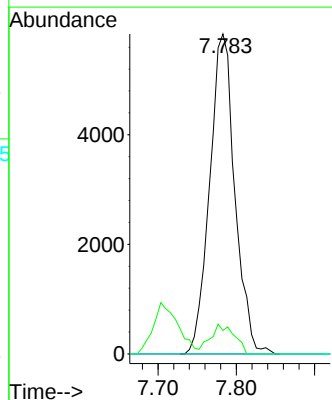
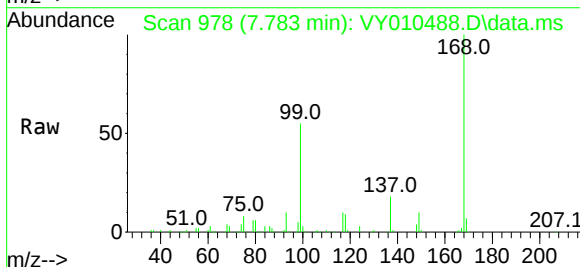
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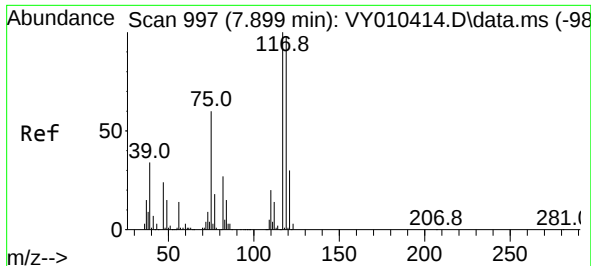
Tgt Ion:113 Resp: 96475
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 19.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.452 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010488.D
Acq: 14 Sep 2022 16:47

Tgt Ion: 75 Resp: 13056
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 24.4 36.6#

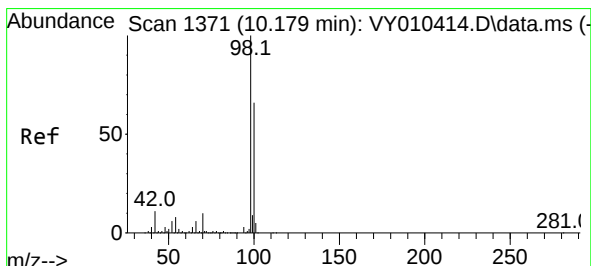
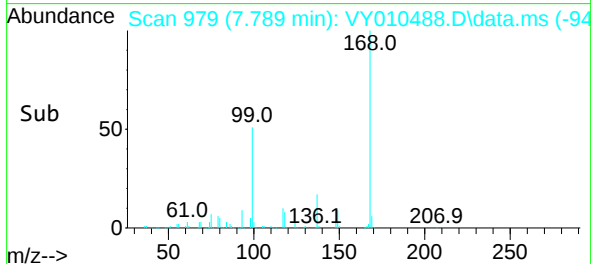
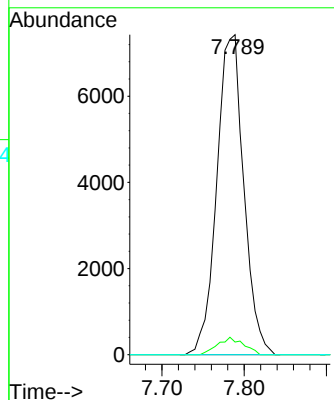
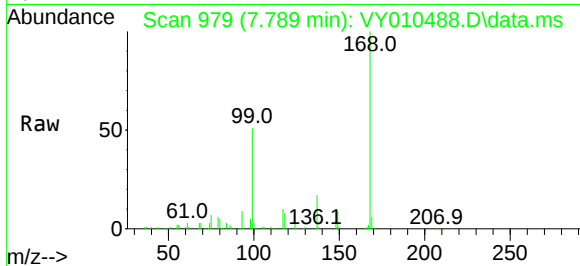




#38
Carbon Tetrachloride
Concen: 5.188 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010488.D
Acq: 14 Sep 2022 16:47

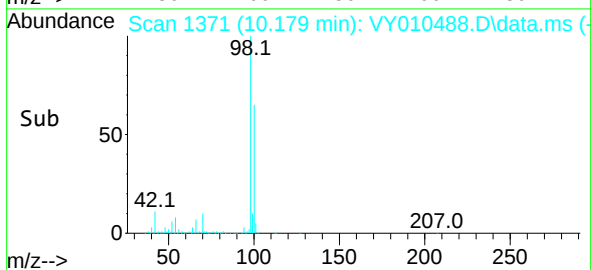
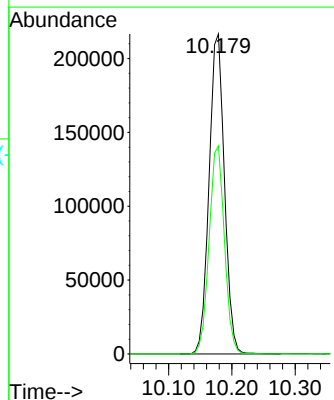
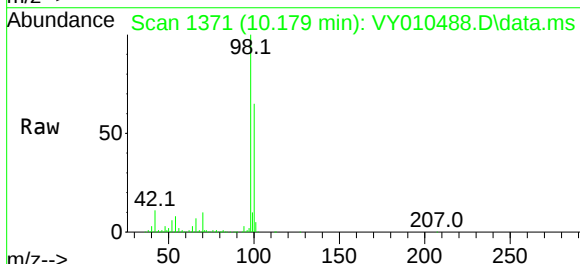
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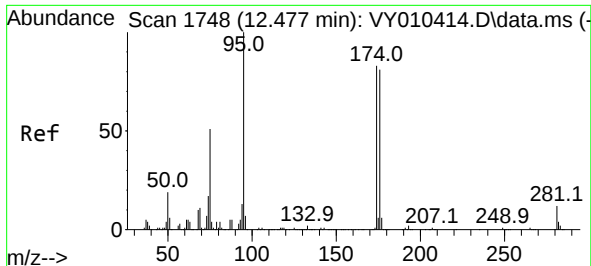
Tgt Ion:117 Resp: 16926
Ion Ratio Lower Upper
117 100
119 4.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.822 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010488.D
Acq: 14 Sep 2022 16:47

Tgt Ion: 98 Resp: 366683
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

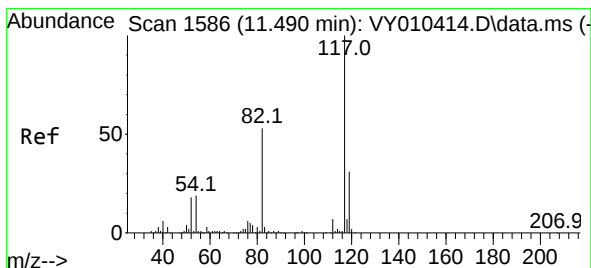
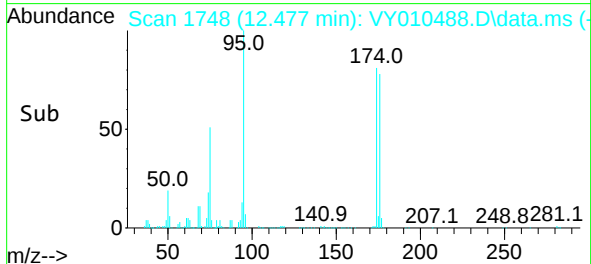
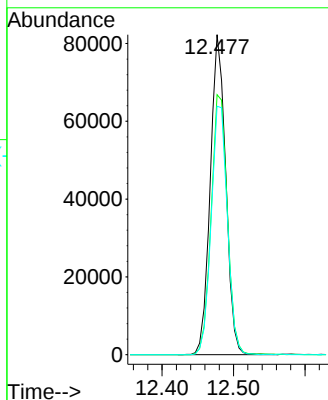
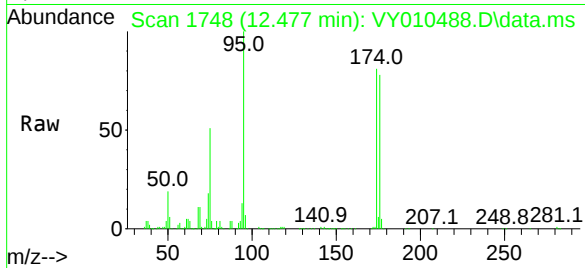




#62
4-Bromofluorobenzene
Concen: 44.135 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010488.D
Acq: 14 Sep 2022 16:47

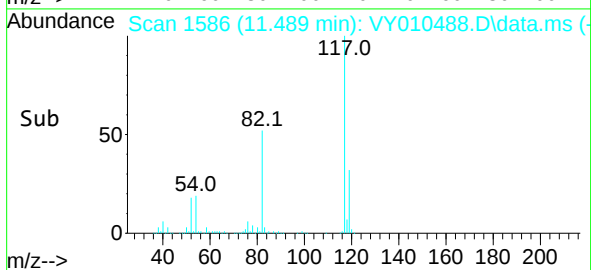
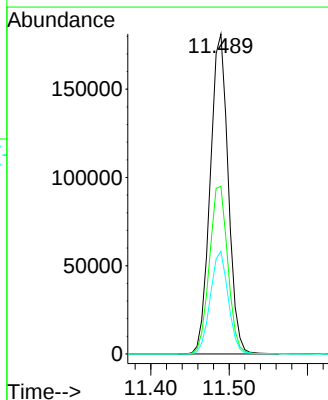
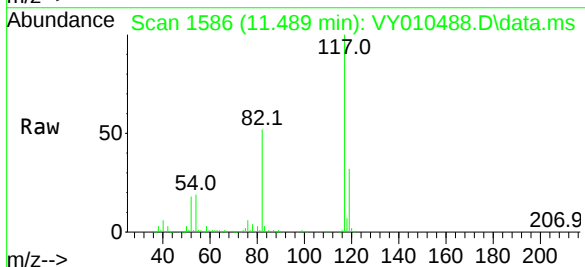
Instrument :
MSVOA_Y
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CHERRY-HILL-COMP-6

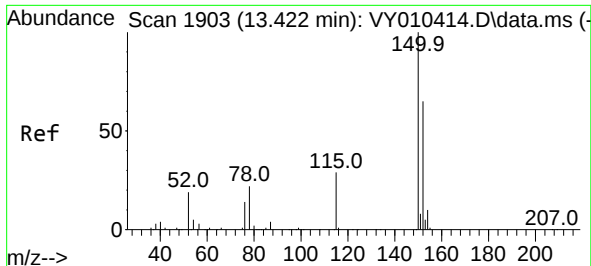
Tgt Ion: 95 Resp: 123429
Ion Ratio Lower Upper
95 100
174 85.2 0.0 177.0
176 81.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010488.D
Acq: 14 Sep 2022 16:47

Tgt Ion: 117 Resp: 289286
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 32.1 25.4 38.0

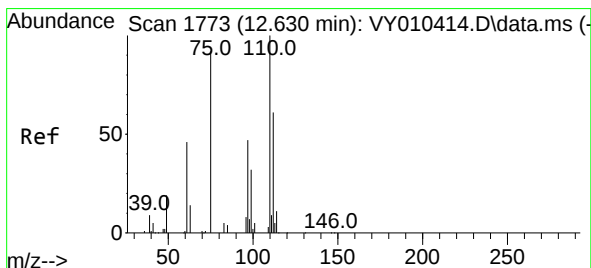
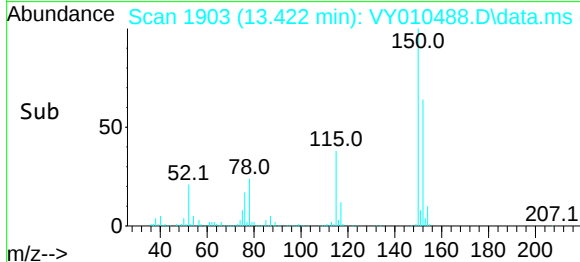
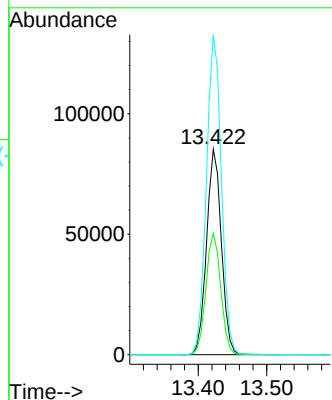
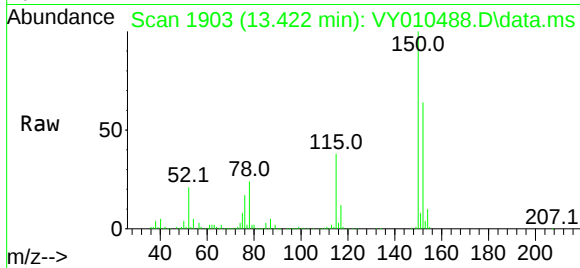




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010488.D
 Acq: 14 Sep 2022 16:47

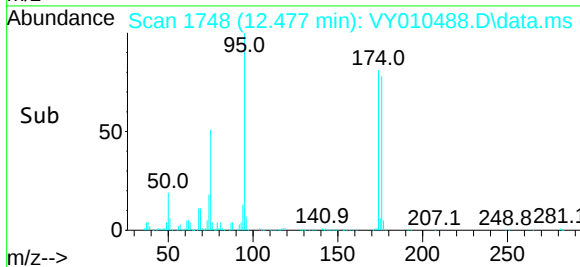
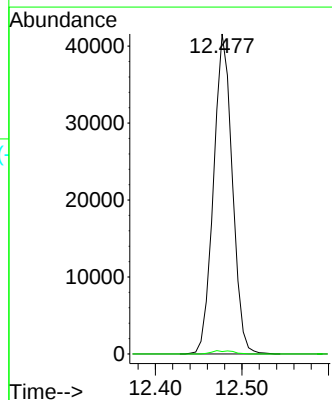
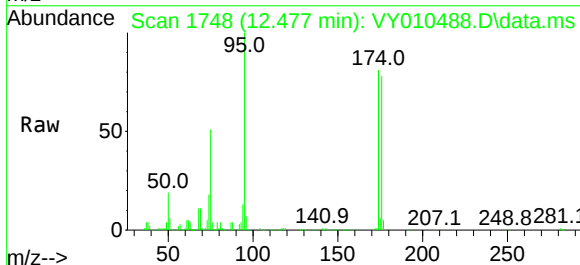
Instrument :
 MSVOA_Y
 ClientSampleId :
 CHERRY-HILL-COMP-6

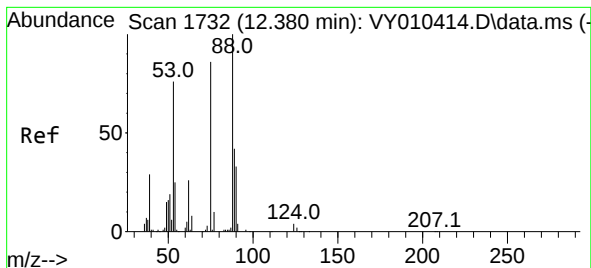
Tgt Ion:152 Resp: 128485
 Ion Ratio Lower Upper
 152 100
 115 59.0 28.2 84.7
 150 157.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 44.183 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY010488.D
 Acq: 14 Sep 2022 16:47

Tgt Ion: 75 Resp: 62654
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 98.103 ug/l

RT: 12.477 min Scan# 11

Delta R.T. 0.097 min

Lab File: VY010488.D

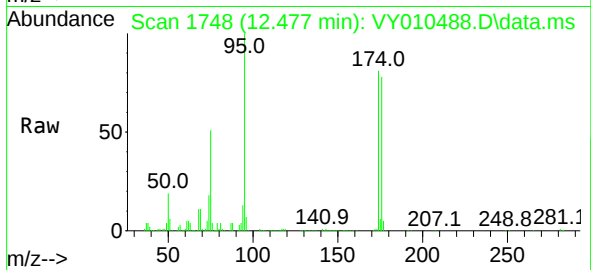
Acq: 14 Sep 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

CHERRY-HILL-COMP-6



Tgt Ion: 75 Resp: 62654

Ion Ratio Lower Upper

75 100

53 0.0 85.3 127.9#

89 0.1 37.0 55.4#

