

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091422\
 Data File : VY010484.D
 Acq On : 14 Sep 2022 15:13
 Operator : KP/MD
 Sample : N4578-07
 Misc : 6.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHERRY-HILL-COMP-2

Quant Time: Sep 15 01:10:15 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)

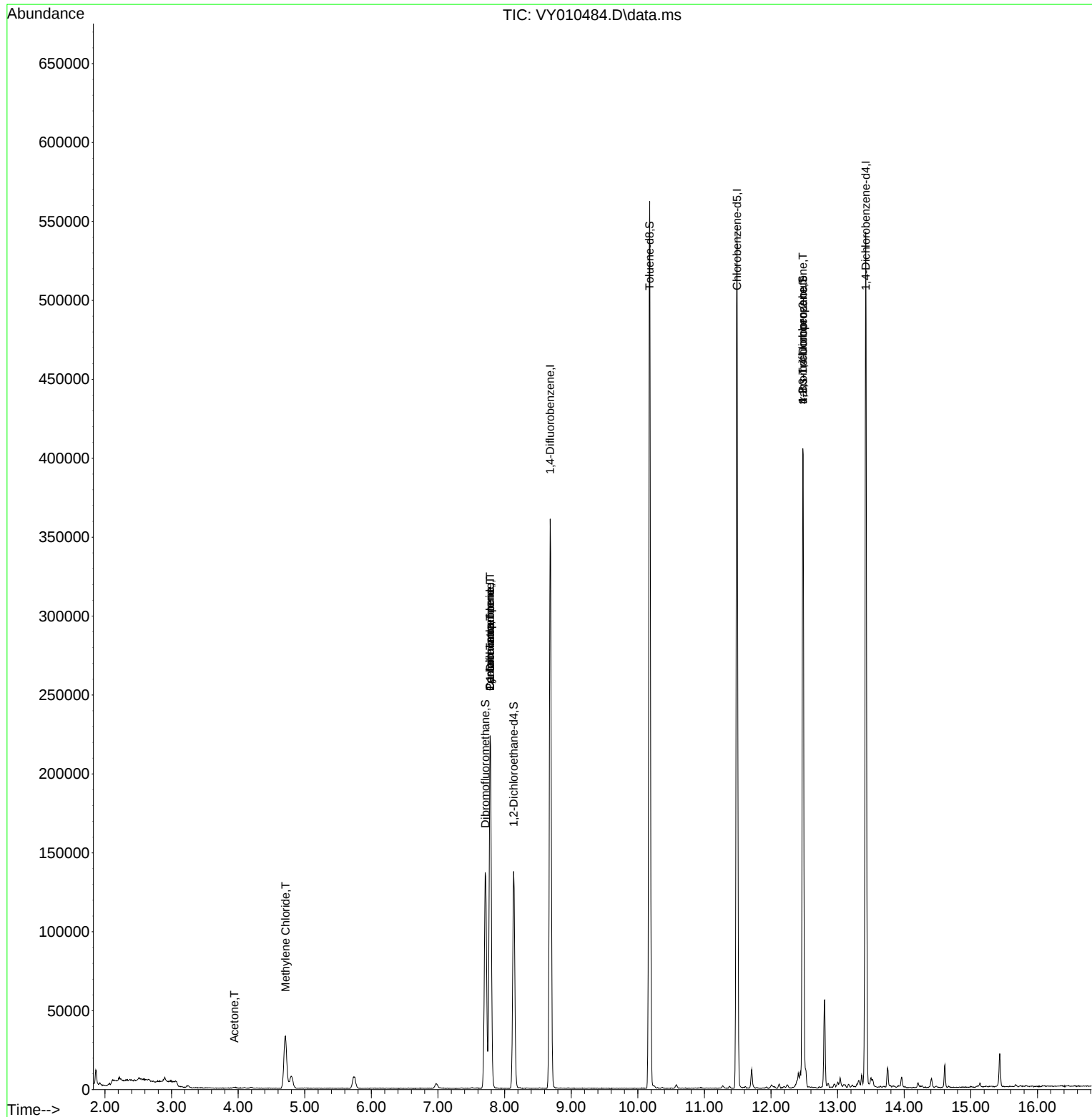
Internal Standards						
1) Pentafluorobenzene	7.783	168	177724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	311049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	297846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	106917	59.731	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.460%
35) Dibromofluoromethane	7.710	113	98617	44.641	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.280%
50) Toluene-d8	10.179	98	375278	52.417	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.840%
62) 4-Bromofluorobenzene	12.477	95	129041	44.835	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	63	Below Cal	#	43
11) Tert butyl alcohol	4.942	59	310	Below Cal	#	77
16) Acetone	3.942	43	1384	3.369	ug/l #	70
20) Methylene Chloride	4.710	84	26241	7.329	ug/l #	83
31) Cyclohexane	7.783	56	3715	1.229	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	12963	4.286	ug/l #	51
38) Carbon Tetrachloride	7.783	117	17481	5.196	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	66043	44.338	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	66043	98.446	ug/l #	7

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

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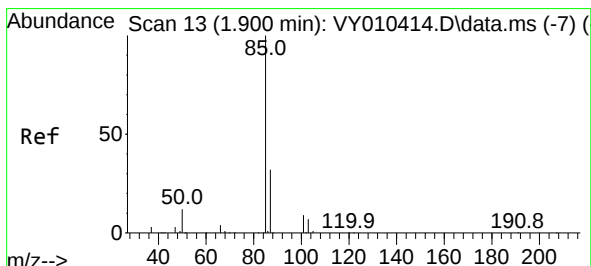
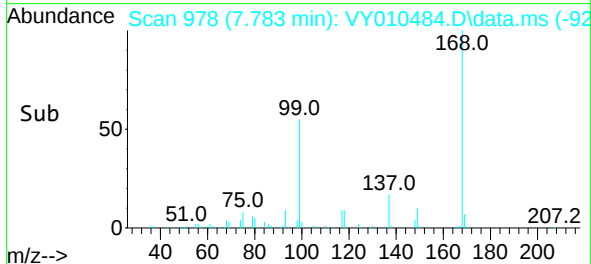
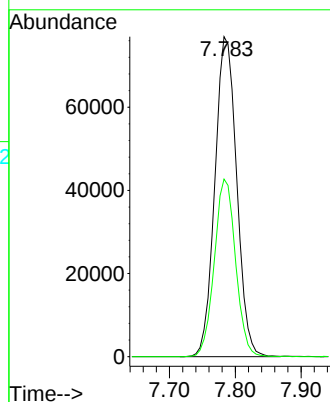
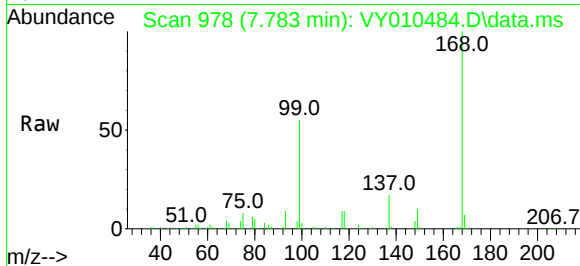




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010484.D
Acq: 14 Sep 2022 15:13

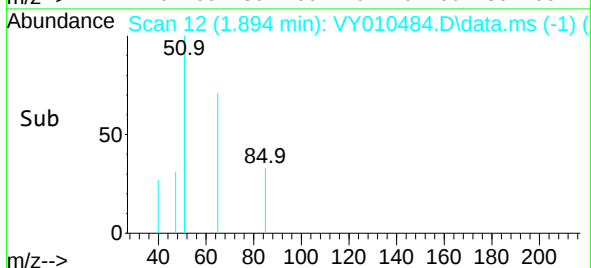
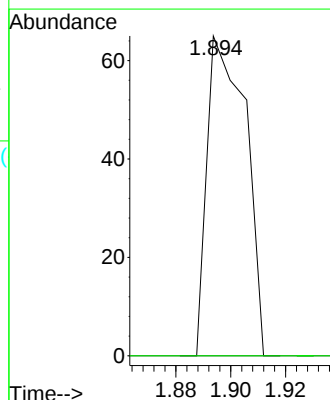
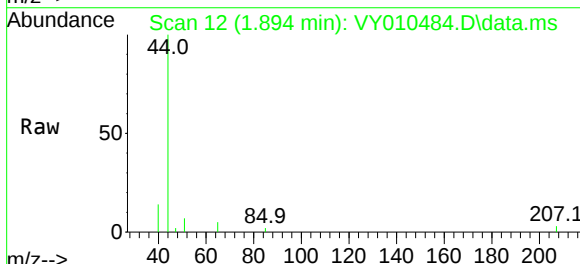
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-2

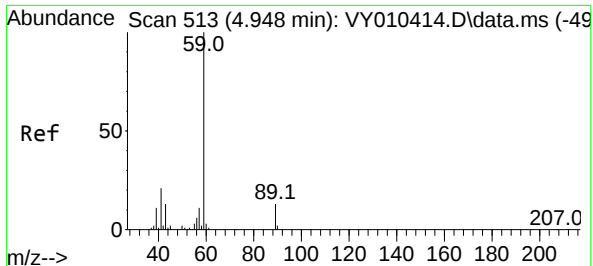
Tgt Ion:168 Resp: 177724
Ion Ratio Lower Upper
168 100
99 55.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY010484.D
Acq: 14 Sep 2022 15:13

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: VY010484.D

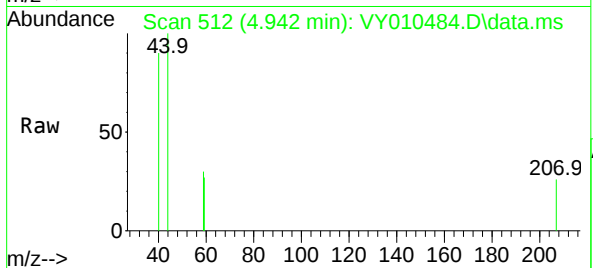
Acq: 14 Sep 2022 15:13

Instrument :

MSVOA_Y

ClientSampleId :

CHERRY-HILL-COMP-2

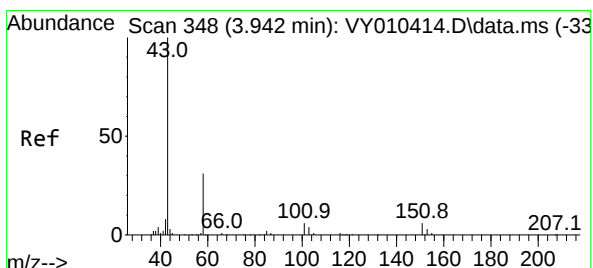
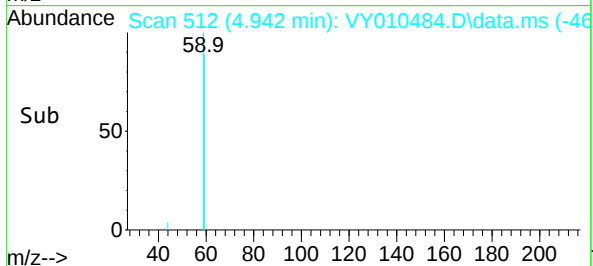
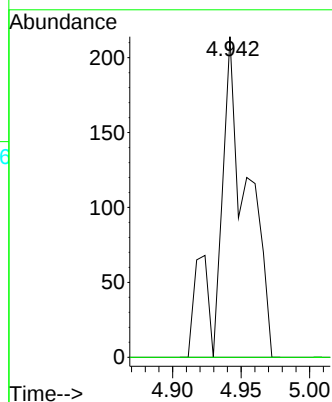


Tgt Ion: 59 Resp: 310

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 3.369 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY010484.D

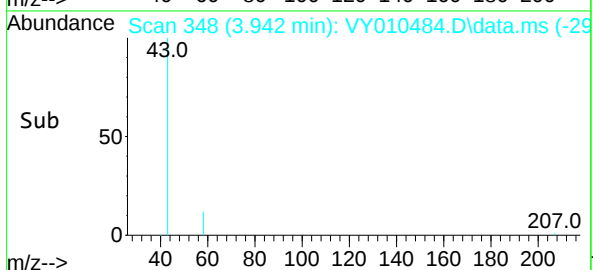
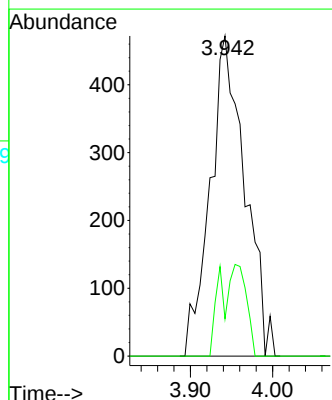
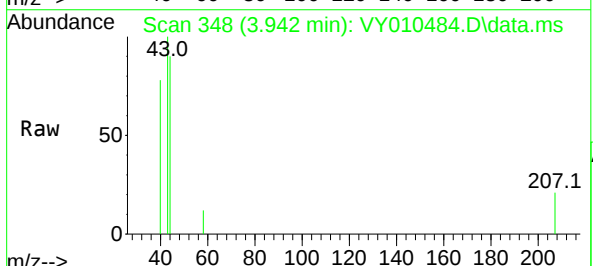
Acq: 14 Sep 2022 15:13

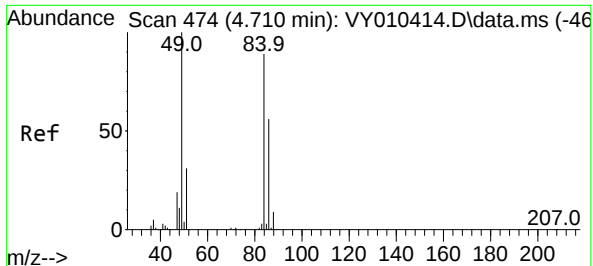
Tgt Ion: 43 Resp: 1384

Ion Ratio Lower Upper

43 100

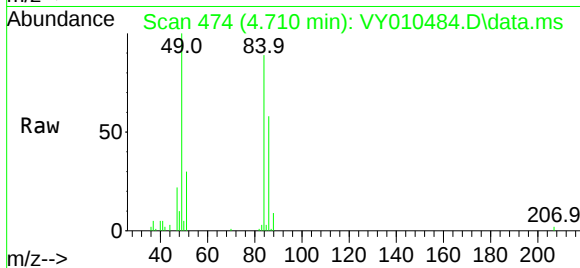
58 11.7 22.0 33.0#



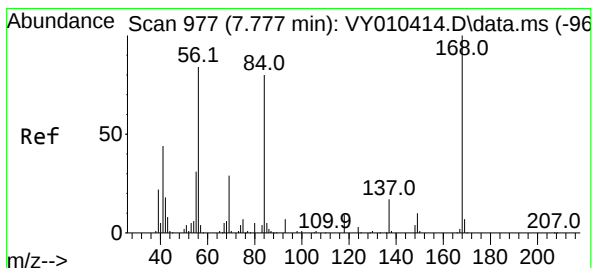
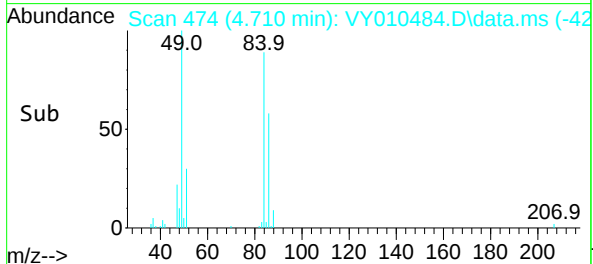
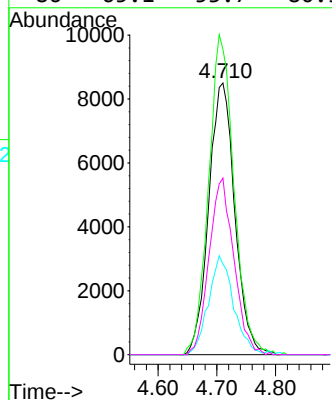


#20
Methylene Chloride
Concen: 7.329 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010484.D
Acq: 14 Sep 2022 15:13

Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-2

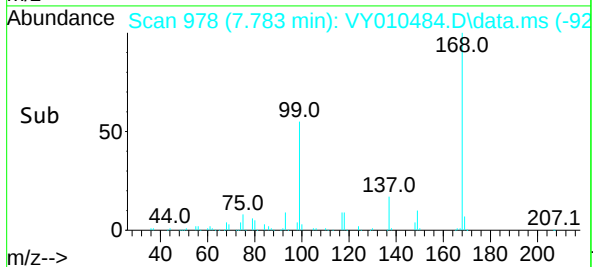
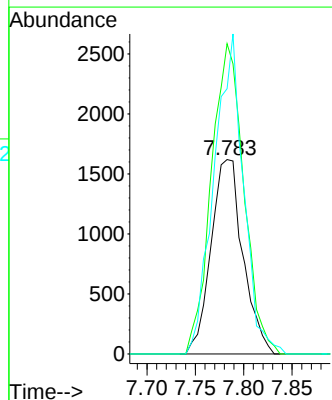
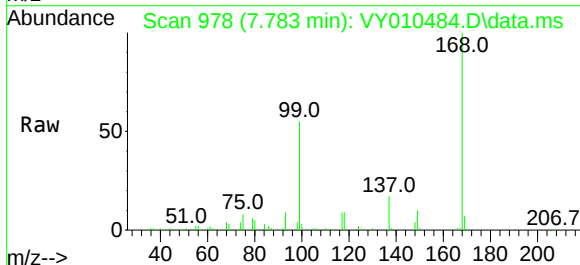


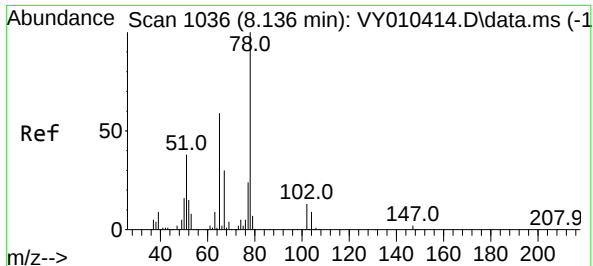
Tgt Ion: 84 Resp: 26241
Ion Ratio Lower Upper
84 100
49 112.5 114.4 171.6#
51 33.4 35.3 52.9#
86 65.1 53.7 80.5



#31
Cyclohexane
Concen: 1.229 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY010484.D
Acq: 14 Sep 2022 15:13

Tgt Ion: 56 Resp: 3715
Ion Ratio Lower Upper
56 100
69 159.7 26.7 40.1#
84 136.5 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 59.731 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010484.D

Acq: 14 Sep 2022 15:13

Instrument :

MSVOA_Y

ClientSampleId :

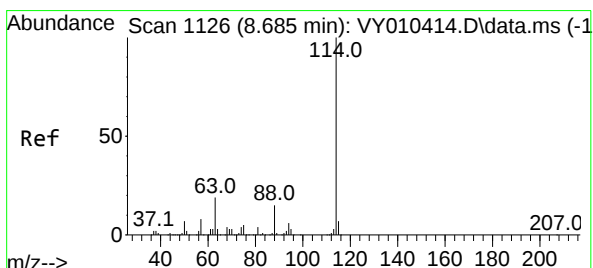
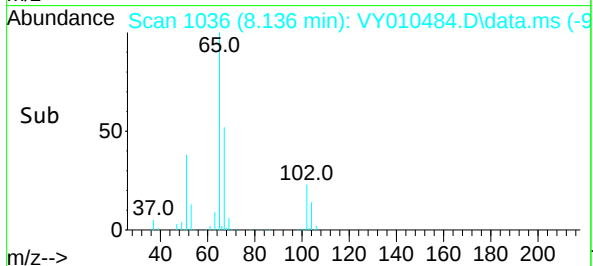
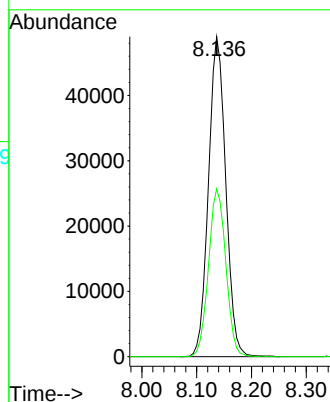
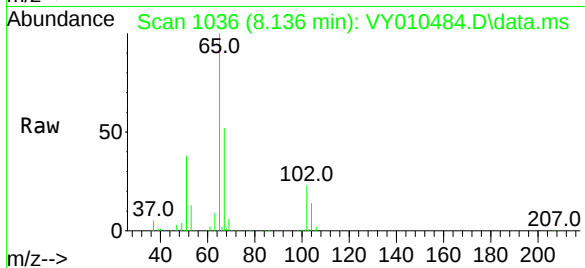
CHERRY-HILL-COMP-2

Tgt Ion: 65 Resp: 106917

Ion Ratio Lower Upper

65 100

67 52.5 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: VY010484.D

Acq: 14 Sep 2022 15:13

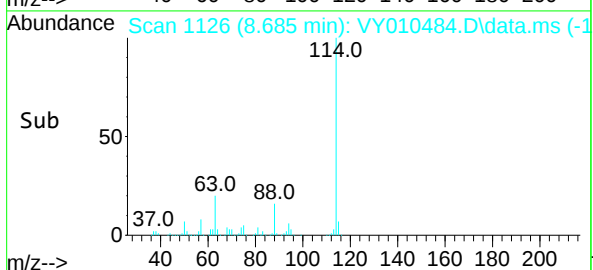
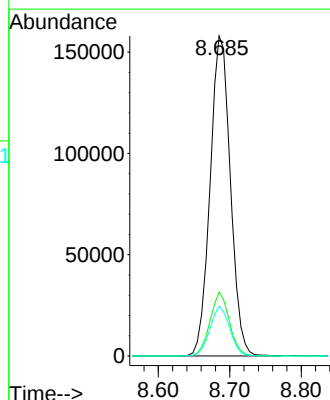
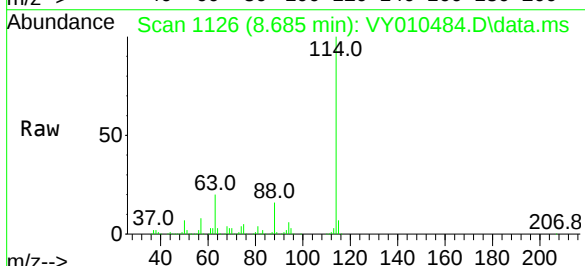
Tgt Ion: 114 Resp: 311049

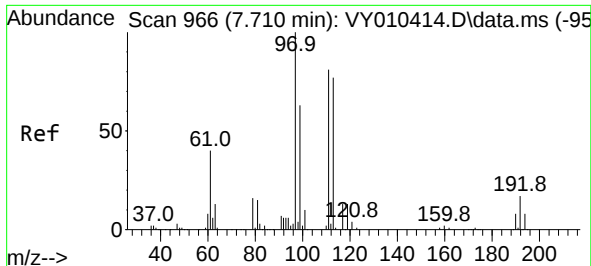
Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 15.6 0.0 31.8

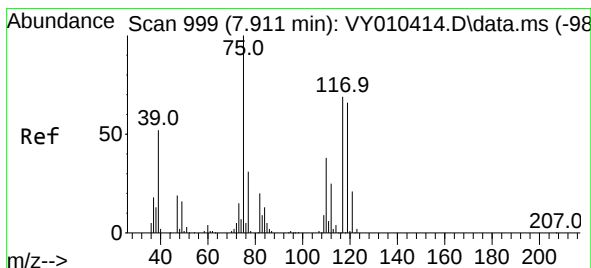
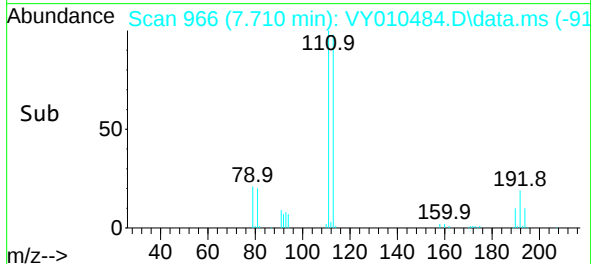
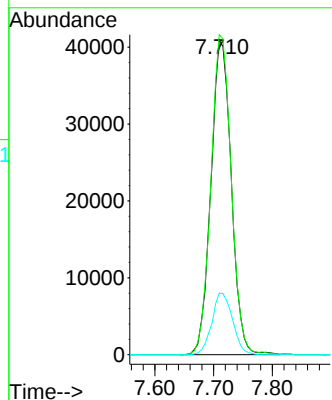
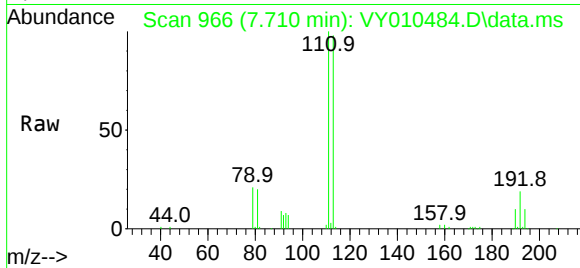




#35
Dibromofluoromethane
Concen: 44.641 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010484.D
Acq: 14 Sep 2022 15:13

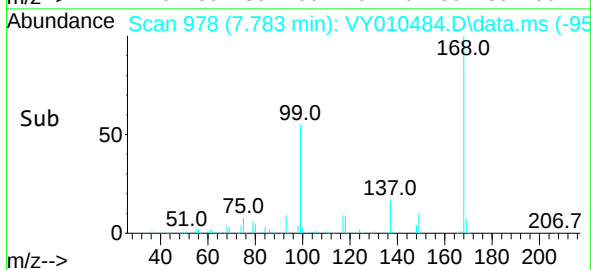
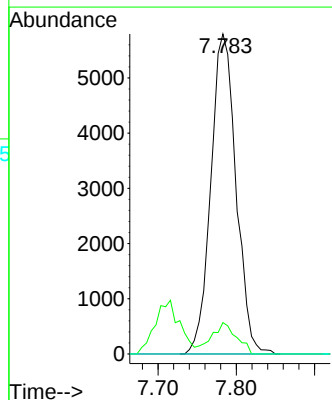
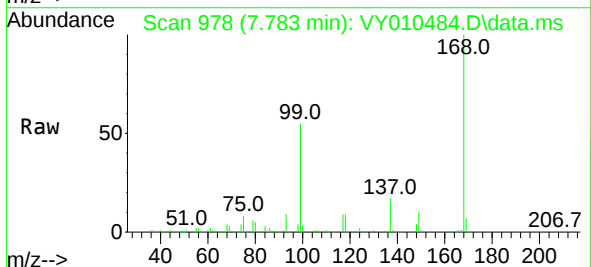
Instrument :
MSVOA_Y
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CHERRY-HILL-COMP-2

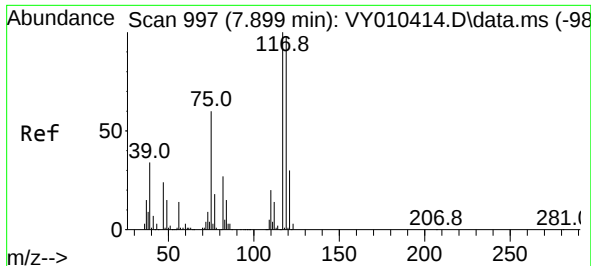
Tgt Ion:113 Resp: 98617
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 19.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.286 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010484.D
Acq: 14 Sep 2022 15:13

Tgt Ion: 75 Resp: 12963
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#

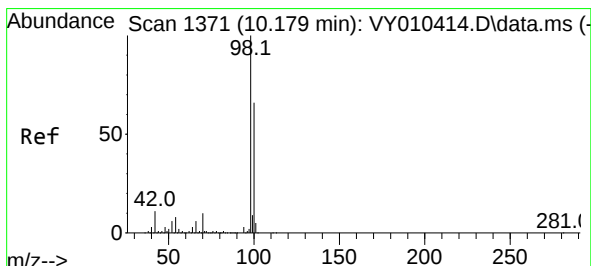
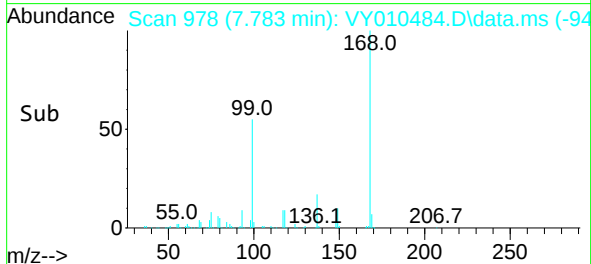
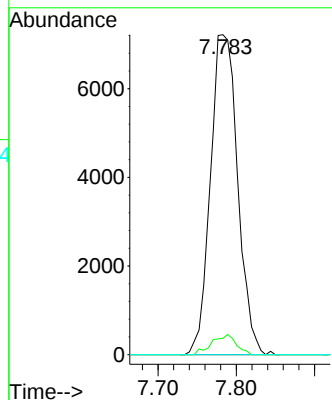
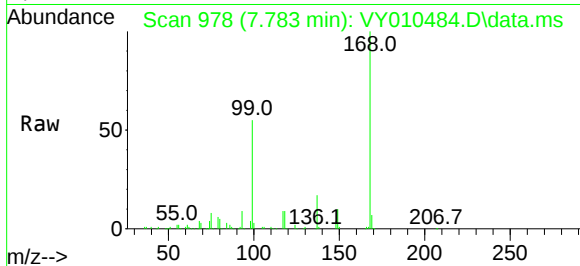




#38
Carbon Tetrachloride
Concen: 5.196 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010484.D
Acq: 14 Sep 2022 15:13

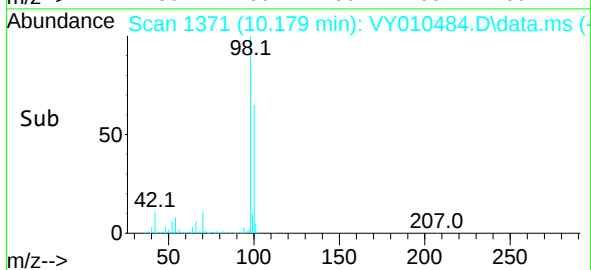
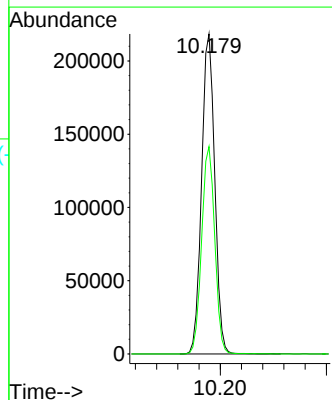
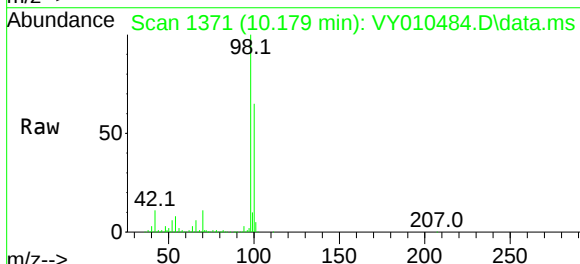
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-2

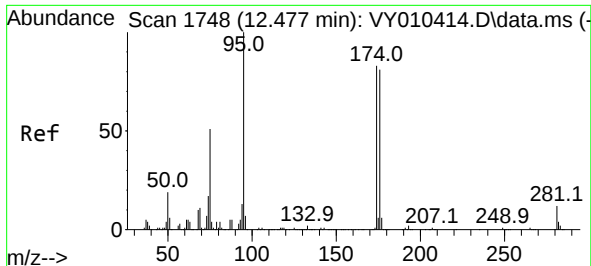
Tgt Ion:117 Resp: 17481
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.417 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010484.D
Acq: 14 Sep 2022 15:13

Tgt Ion: 98 Resp: 375278
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

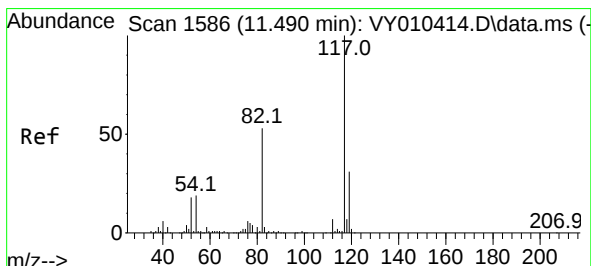
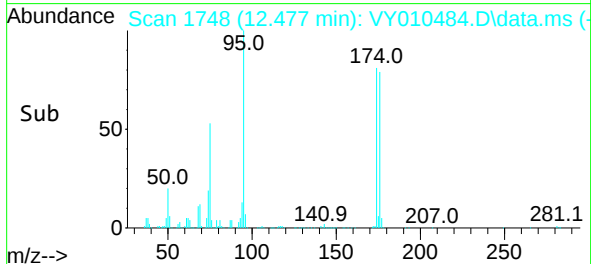
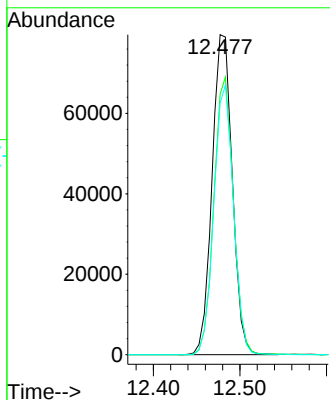
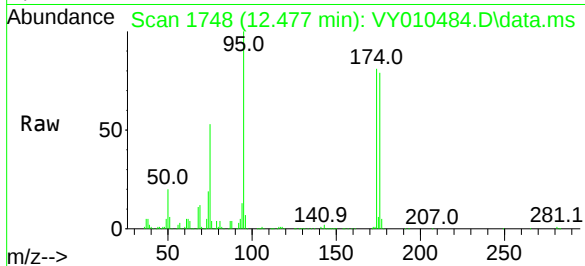




#62
4-Bromofluorobenzene
Concen: 44.835 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010484.D
Acq: 14 Sep 2022 15:13

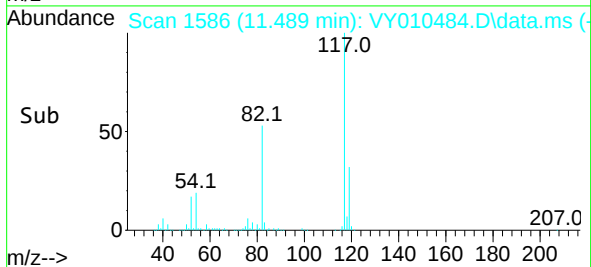
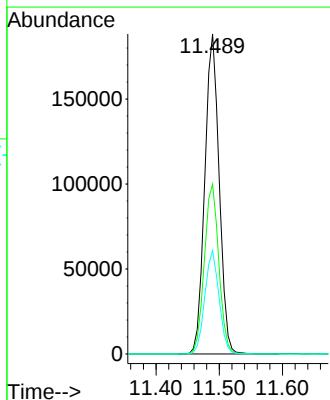
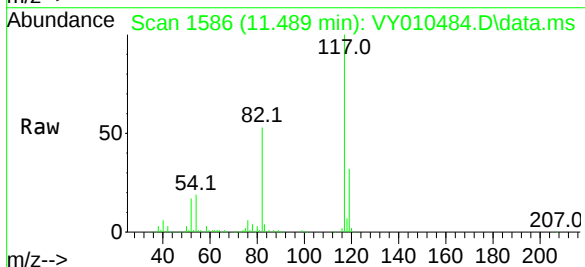
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-2

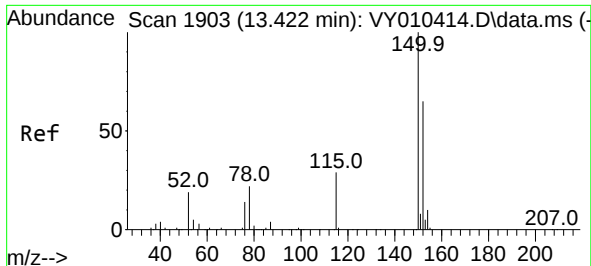
Tgt Ion: 95 Resp: 129041
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 81.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010484.D
Acq: 14 Sep 2022 15:13

Tgt Ion: 117 Resp: 297846
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 32.3 25.4 38.0

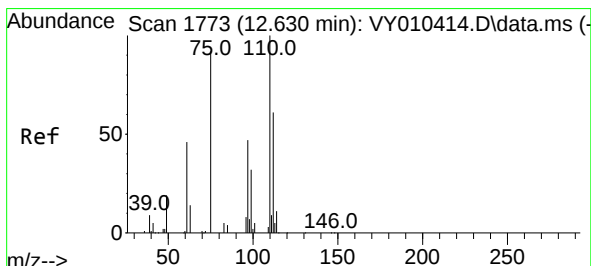
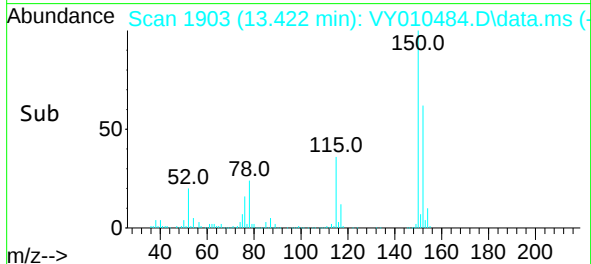
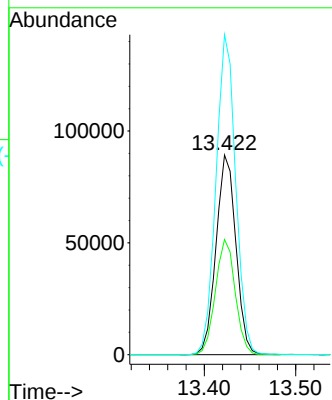
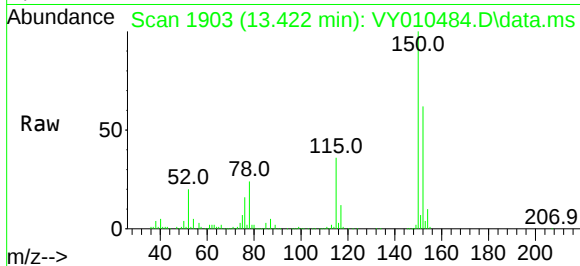




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010484.D
Acq: 14 Sep 2022 15:13

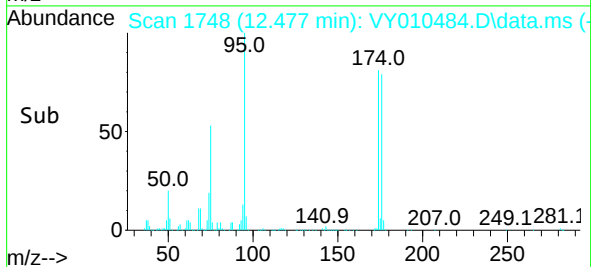
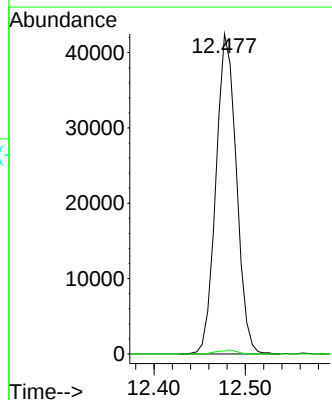
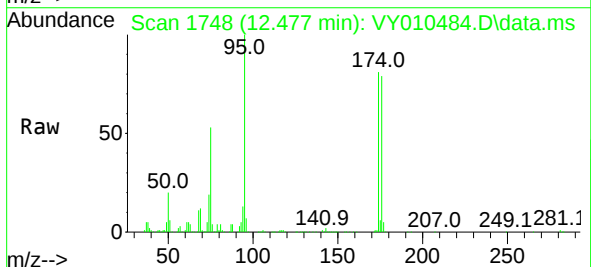
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-2

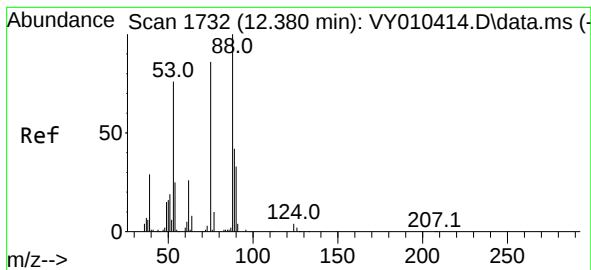
Tgt Ion:152 Resp: 134963
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 159.1 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 44.338 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010484.D
Acq: 14 Sep 2022 15:13

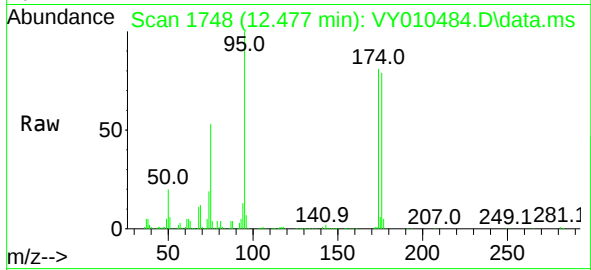
Tgt Ion: 75 Resp: 66043
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.446 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010484.D
 Acq: 14 Sep 2022 15:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHERRY-HILL-COMP-2



Tgt Ion: 75 Resp: 66043
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

