

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091422\
 Data File : VY010485.D
 Acq On : 14 Sep 2022 15:37
 Operator : KP/MD
 Sample : N4578-11
 Misc : 4.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHERRY-HILL-COMP-3

Quant Time: Sep 15 01:10:26 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)

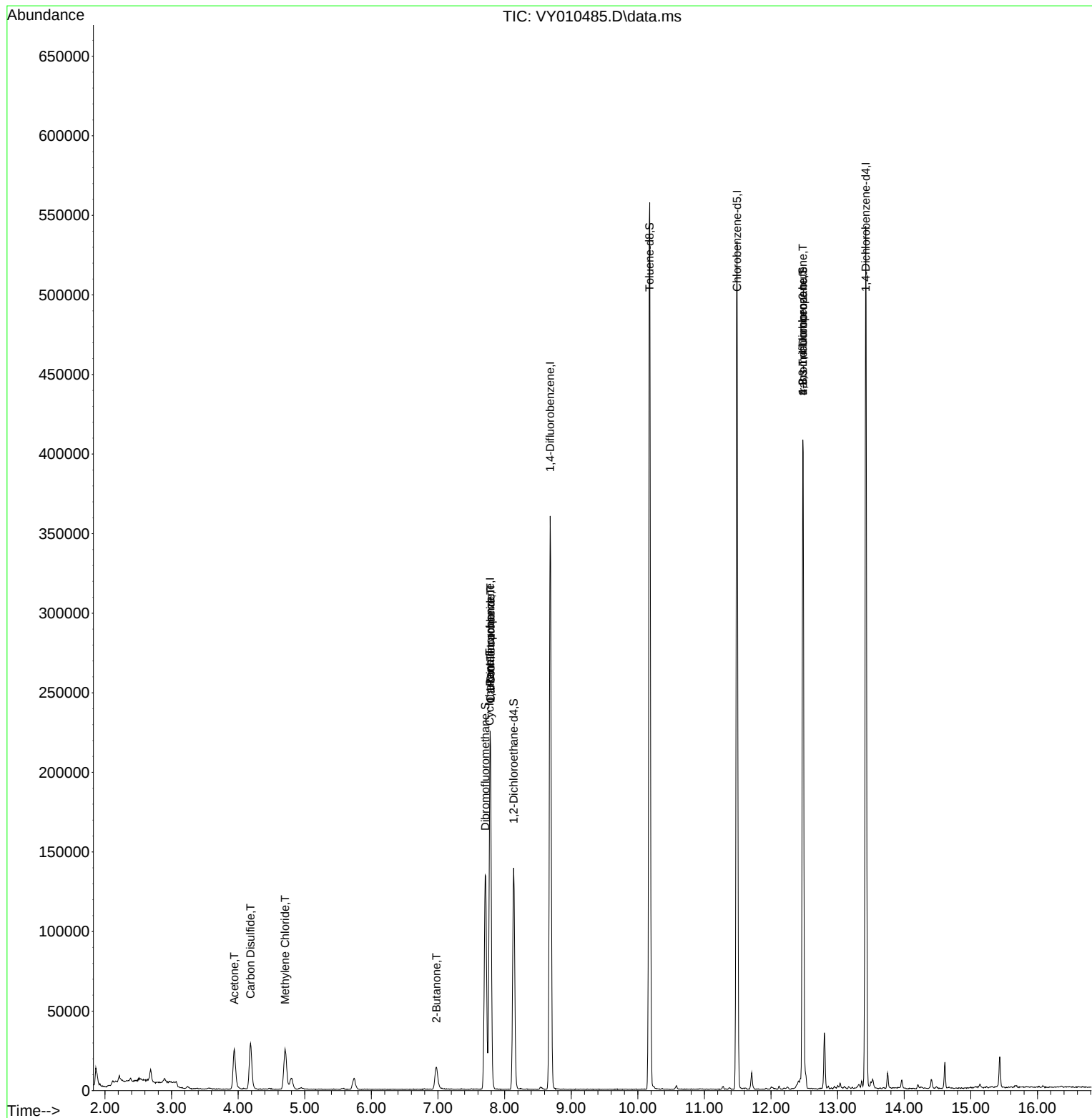
Internal Standards							
1) Pentafluorobenzene		7.783	168	177586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		8.685	114	307850	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.489	117	293998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.422	152	139298	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.136	65	107966	60.364	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.720%	
35) Dibromofluoromethane		7.709	113	97696	44.684	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.360%	
50) Toluene-d8		10.179	98	370975	52.354	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.700%	
62) 4-Bromofluorobenzene		12.477	95	128666	45.222	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.440%	
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane		1.893	85	91	Below Cal	#	43
11) Tert butyl alcohol		4.936	59	1576	Below Cal	#	91
16) Acetone		3.942	43	43636	106.310	ug/l	90
17) Carbon Disulfide		4.186	76	57319	12.377	ug/l	97
20) Methylene Chloride		4.704	84	19383	3.342	ug/l #	91
25) 2-Butanone		6.978	43	5659	8.675	ug/l	94
31) Cyclohexane		7.777	56	3416	1.131	ug/l #	1
36) 1,1-Dichloropropene		7.789	75	13071	4.367	ug/l #	51
38) Carbon Tetrachloride		7.789	117	17889	5.372	ug/l #	15
76) 1,2,3-Trichloropropane		12.477	75	65841	42.827	ug/l #	100
81) trans-1,4-Dichloro-2-b...		12.477	75	65841	95.090	ug/l #	7

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

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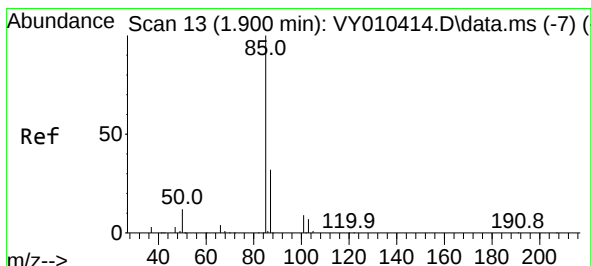
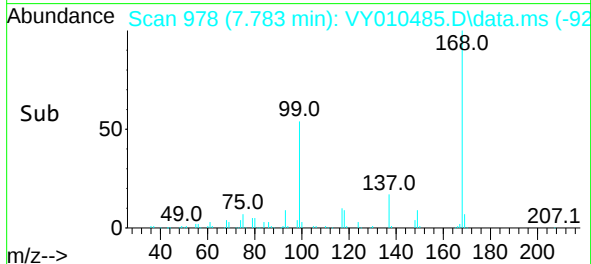
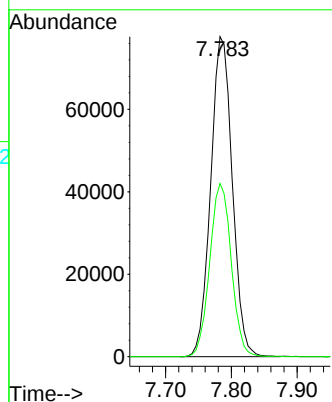
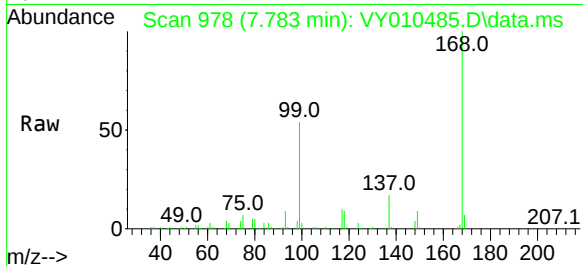




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010485.D
Acq: 14 Sep 2022 15:37

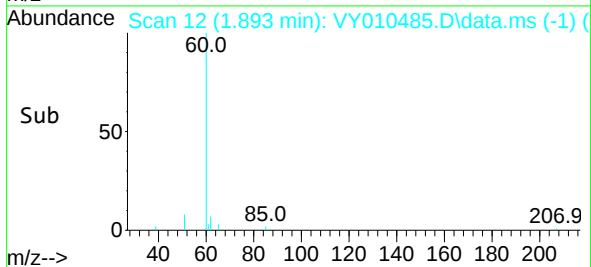
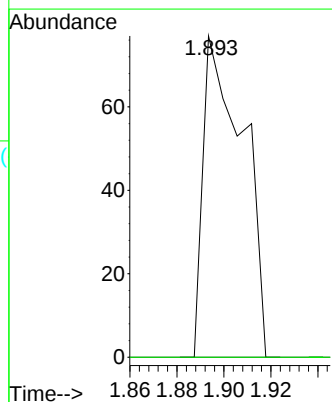
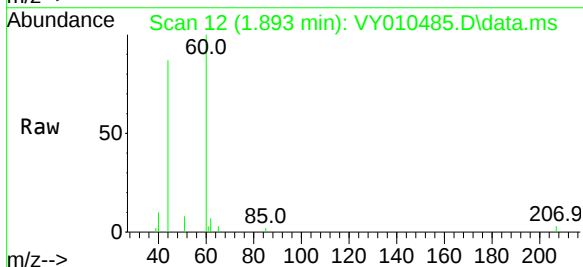
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-3

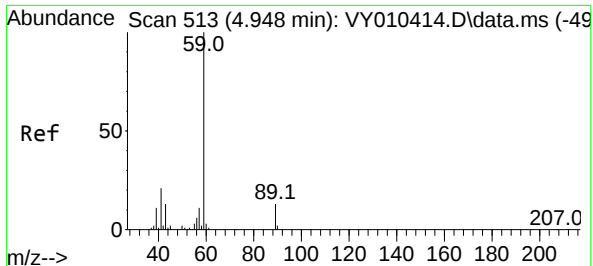
Tgt Ion:168 Resp: 177586
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.893 min Scan# 12
Delta R.T. -0.007 min
Lab File: VY010485.D
Acq: 14 Sep 2022 15:37

Tgt Ion: 85 Resp: 91
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 513

Delta R.T. -0.012 min

Lab File: VY010485.D

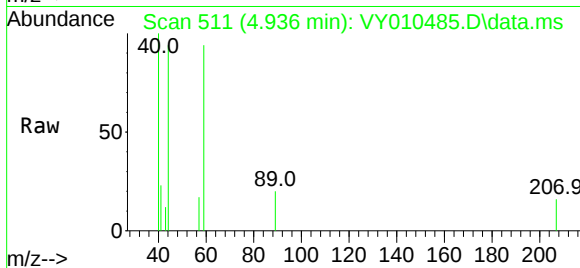
Acq: 14 Sep 2022 15:37

Instrument :

MSVOA_Y

ClientSampleId :

CHERRY-HILL-COMP-3

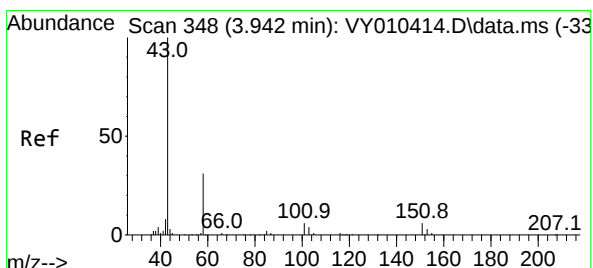
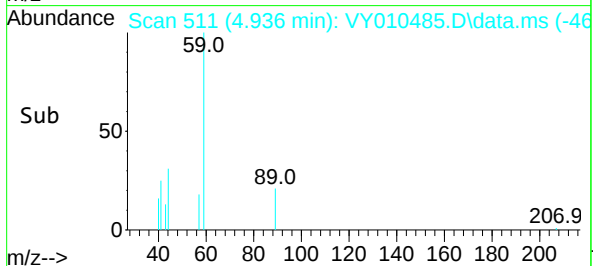
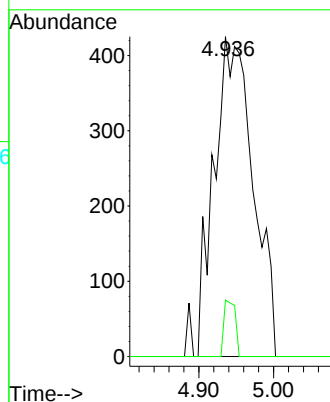


Tgt Ion: 59 Resp: 1576

Ion Ratio Lower Upper

59 100

57 4.9 6.4 9.6#



#16

Acetone

Concen: 106.310 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.000 min

Lab File: VY010485.D

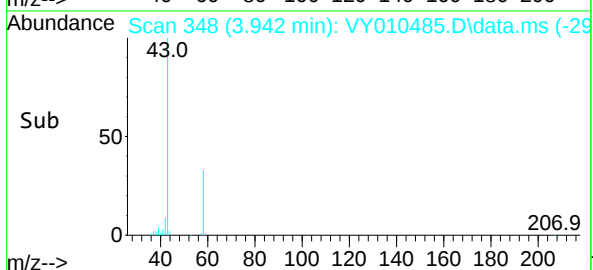
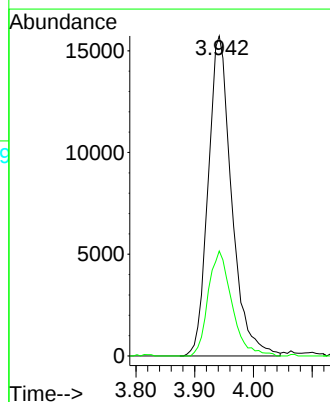
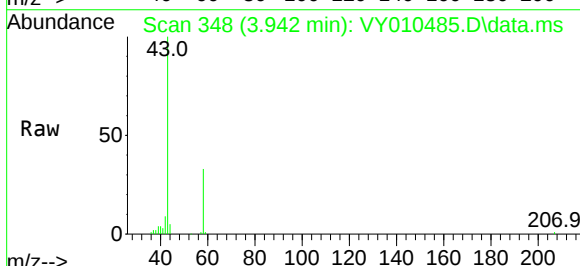
Acq: 14 Sep 2022 15:37

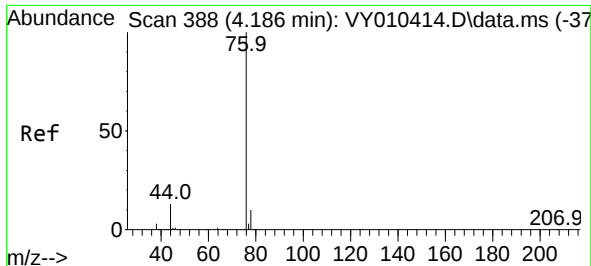
Tgt Ion: 43 Resp: 43636

Ion Ratio Lower Upper

43 100

58 32.8 22.0 33.0

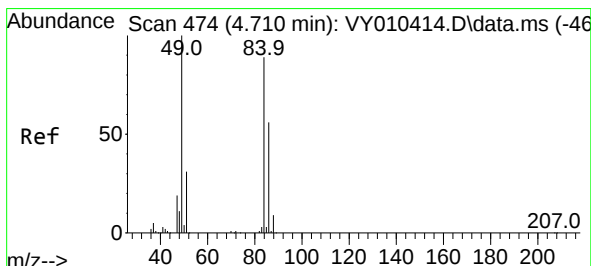
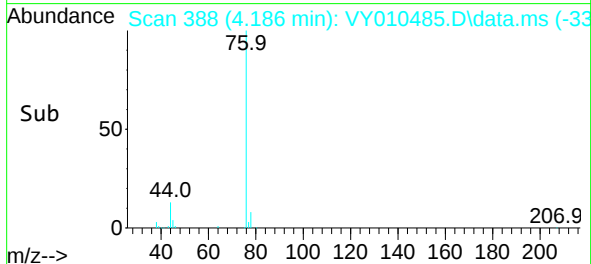
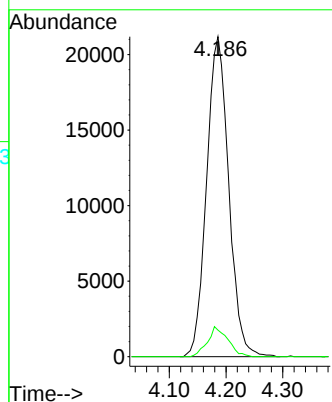
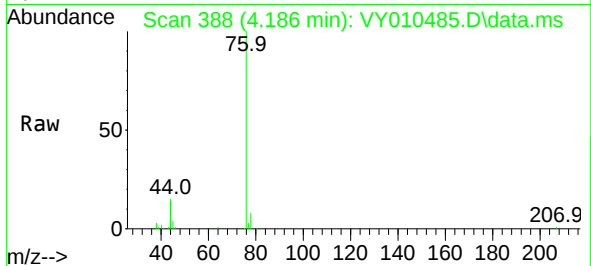




#17
Carbon Disulfide
Concen: 12.377 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY010485.D
Acq: 14 Sep 2022 15:37

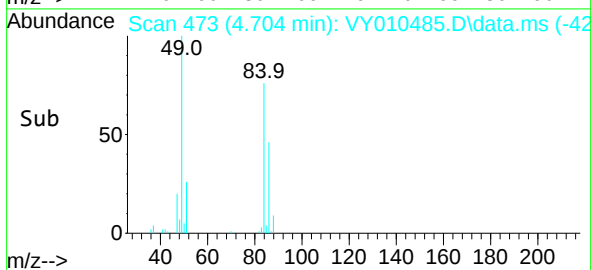
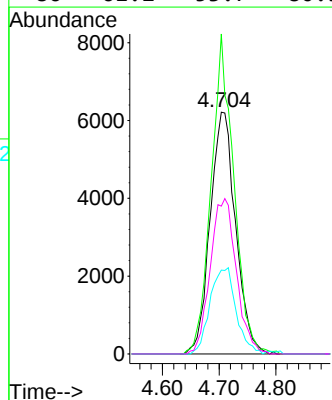
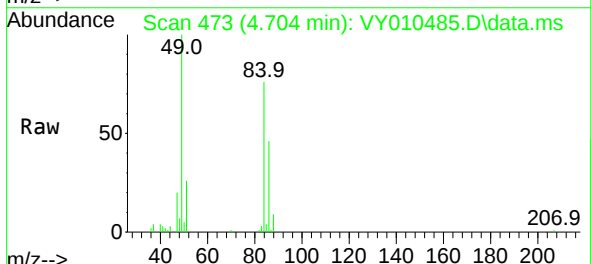
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-3

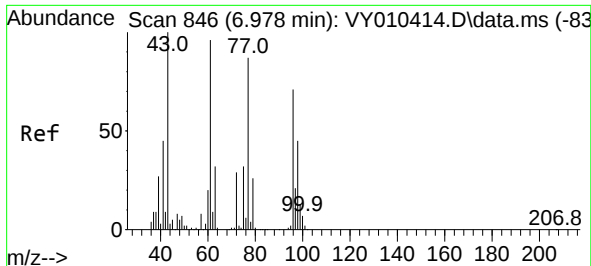
Tgt Ion: 76 Resp: 57319
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0



#20
Methylene Chloride
Concen: 3.342 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY010485.D
Acq: 14 Sep 2022 15:37

Tgt Ion: 84 Resp: 19383
Ion Ratio Lower Upper
84 100
49 132.4 114.4 171.6
51 34.7 35.3 52.9#
86 61.2 53.7 80.5

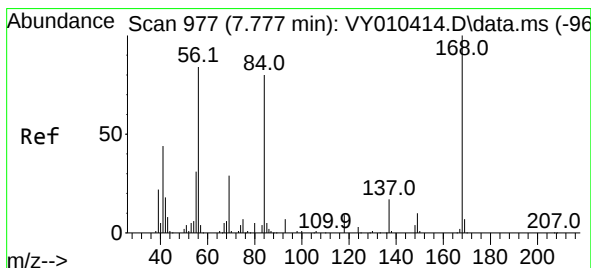
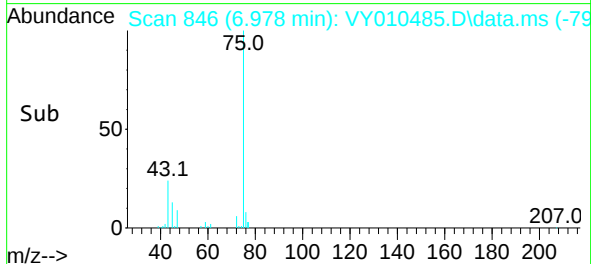
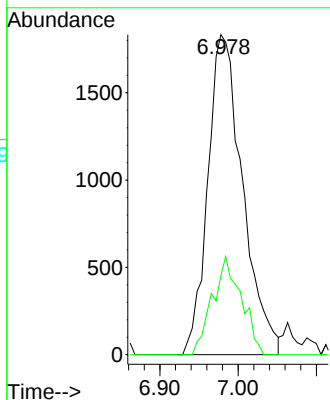
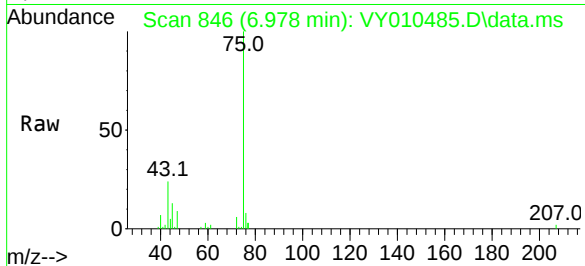




#25
2-Butanone
Concen: 8.675 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY010485.D
Acq: 14 Sep 2022 15:37

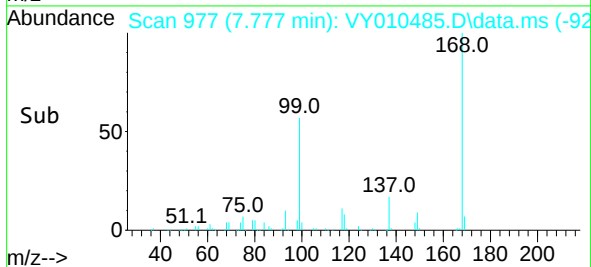
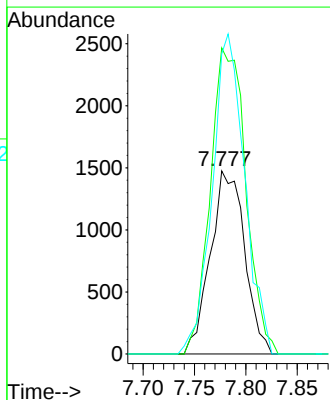
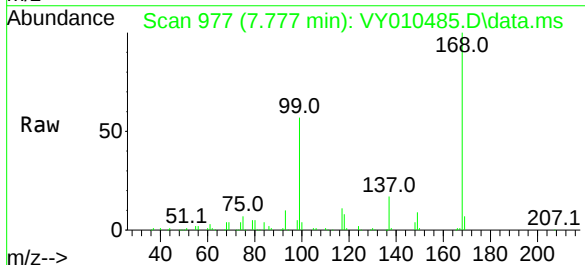
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-3

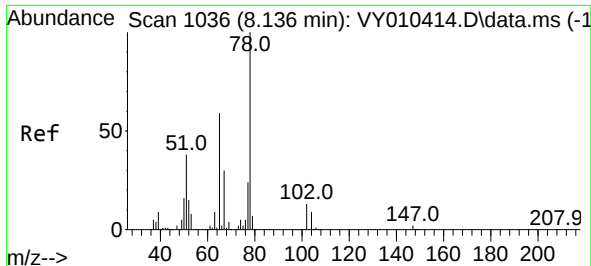
Tgt Ion: 43 Resp: 5659
Ion Ratio Lower Upper
43 100
72 24.8 17.7 26.5



#31
Cyclohexane
Concen: 1.131 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY010485.D
Acq: 14 Sep 2022 15:37

Tgt Ion: 56 Resp: 3416
Ion Ratio Lower Upper
56 100
69 167.1 26.7 40.1#
84 163.8 67.2 100.8#

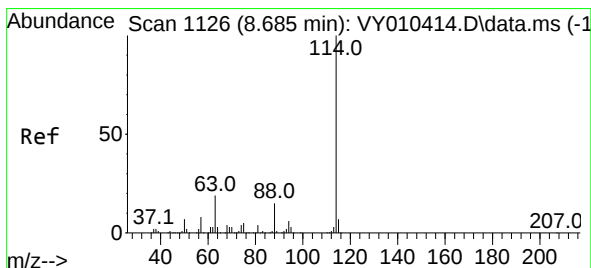
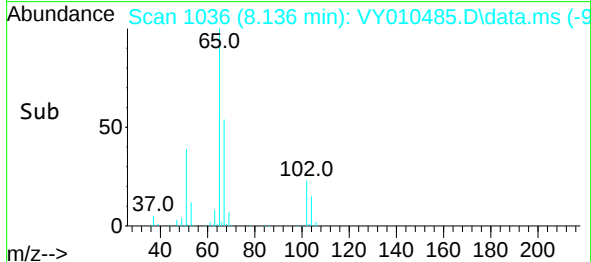
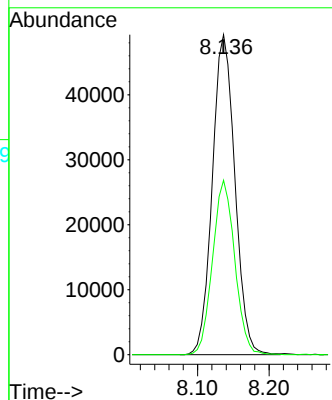
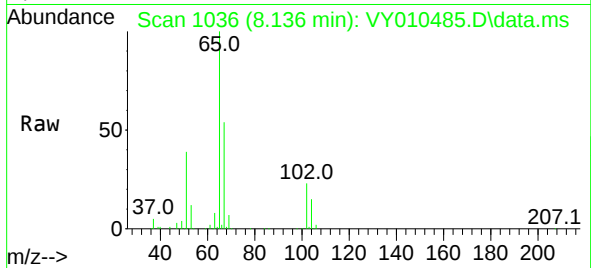




#33
1,2-Dichloroethane-d4
Concen: 60.364 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010485.D
Acq: 14 Sep 2022 15:37

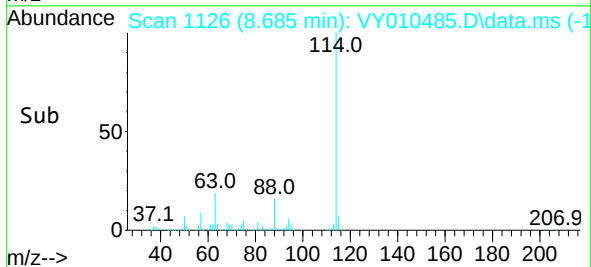
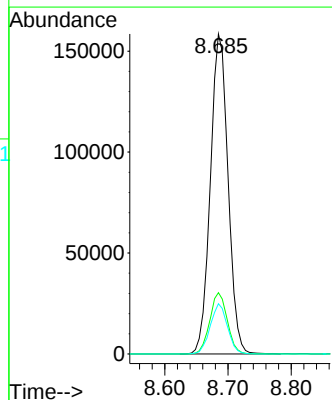
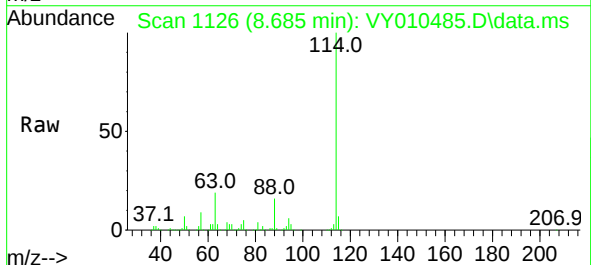
Instrument :
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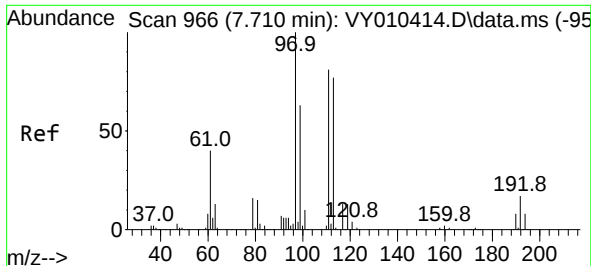
Tgt Ion: 65 Resp: 107966
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY010485.D
Acq: 14 Sep 2022 15:37

Tgt Ion: 114 Resp: 307850
Ion Ratio Lower Upper
114 100
63 19.1 0.0 43.2
88 15.7 0.0 31.8

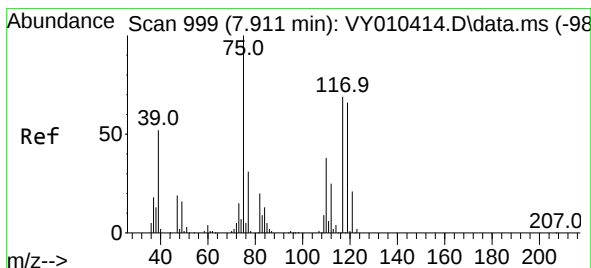
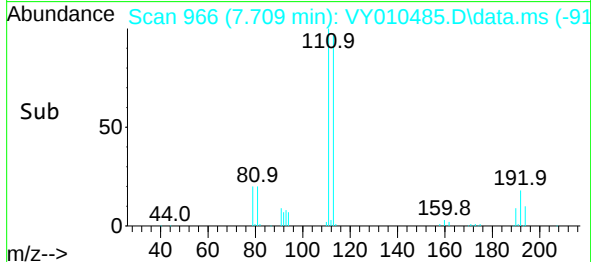
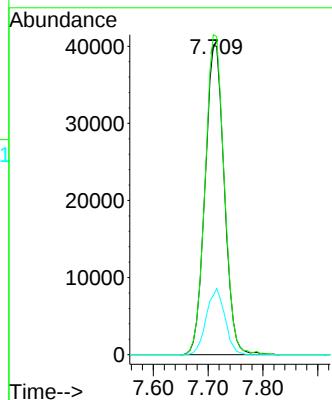
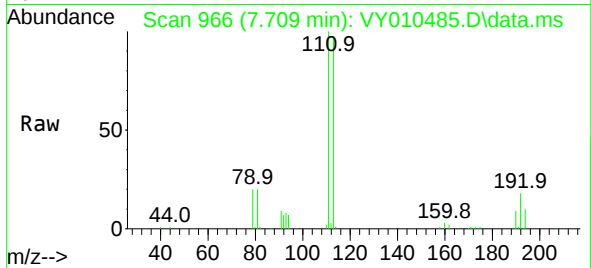




#35
Dibromofluoromethane
Concen: 44.684 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY010485.D
Acq: 14 Sep 2022 15:37

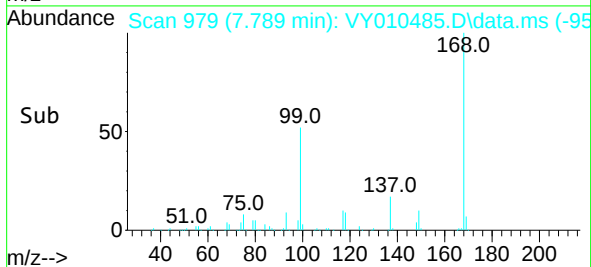
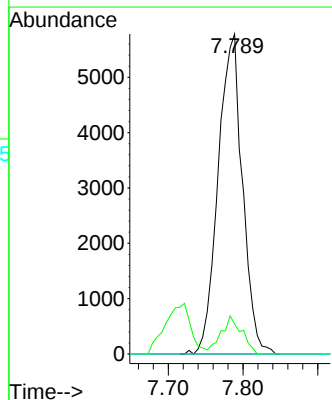
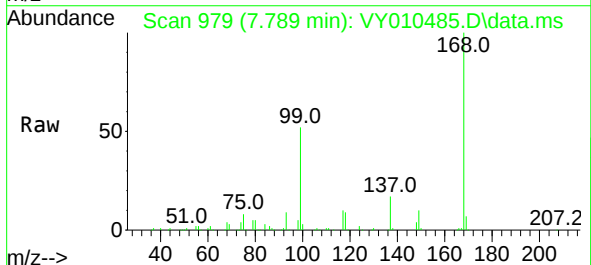
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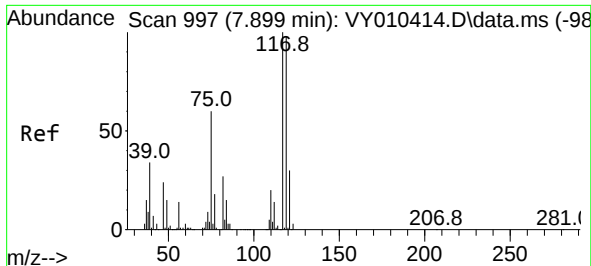
Tgt Ion:113 Resp: 97696
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 20.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.367 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY010485.D
Acq: 14 Sep 2022 15:37

Tgt Ion: 75 Resp: 13071
Ion Ratio Lower Upper
75 100
110 10.0 17.1 51.2#
77 0.0 24.4 36.6#

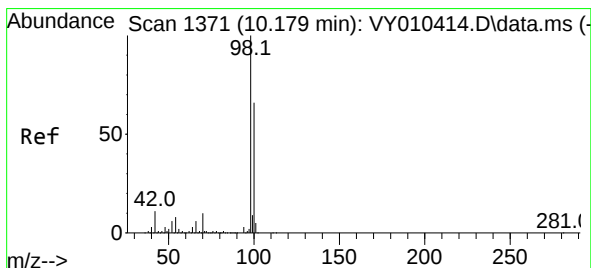
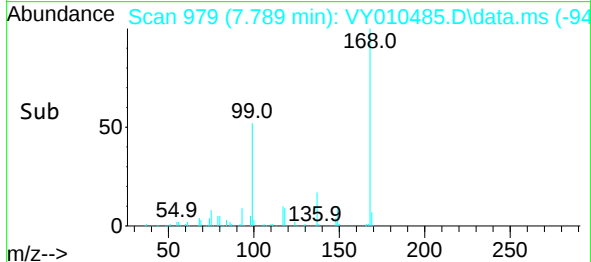
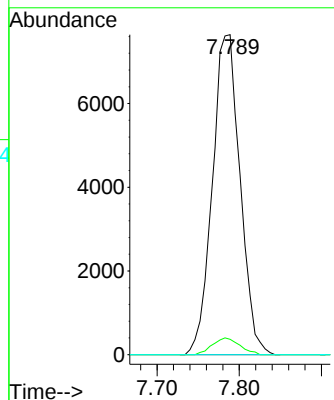
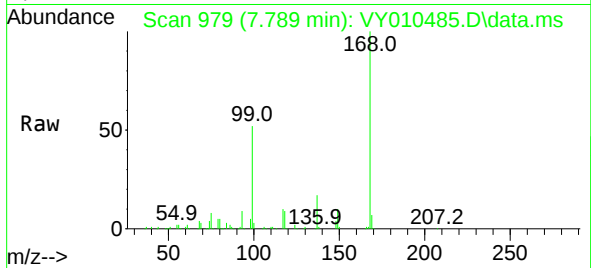




#38
Carbon Tetrachloride
Concen: 5.372 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010485.D
Acq: 14 Sep 2022 15:37

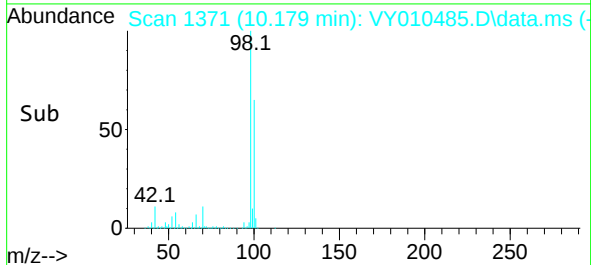
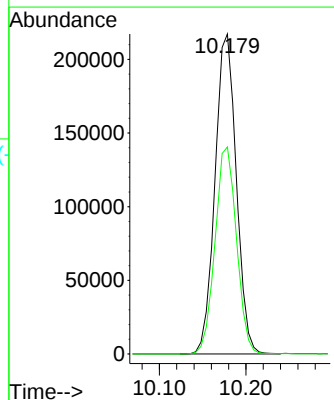
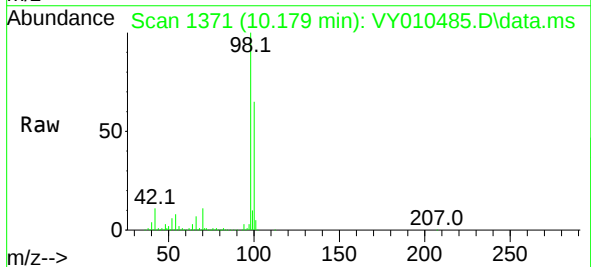
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-3

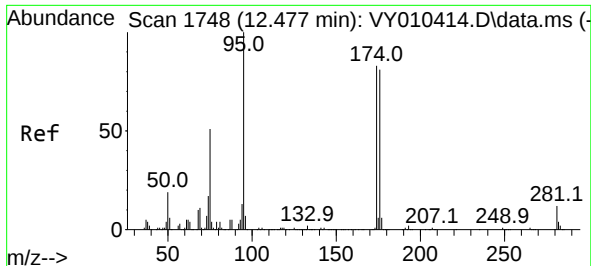
Tgt Ion:117 Resp: 17889
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.354 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010485.D
Acq: 14 Sep 2022 15:37

Tgt Ion: 98 Resp: 370975
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

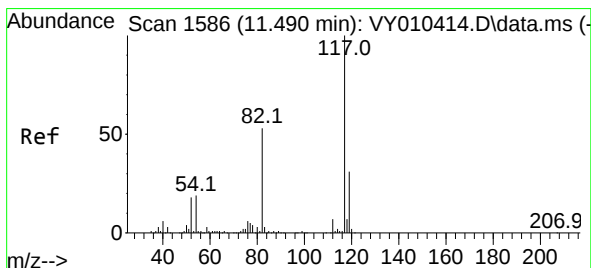
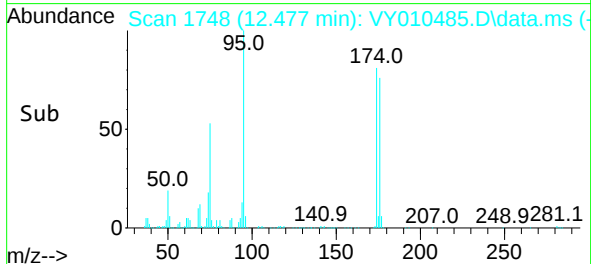
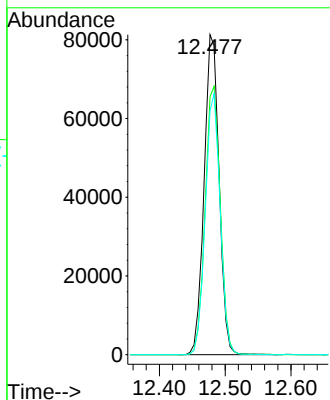
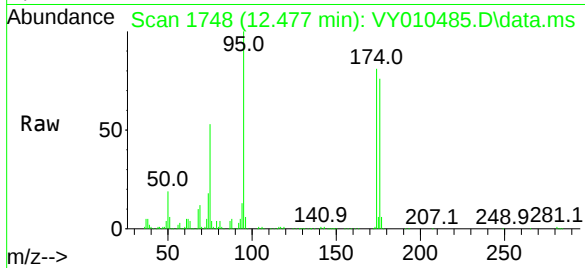




#62
4-Bromofluorobenzene
Concen: 45.222 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010485.D
Acq: 14 Sep 2022 15:37

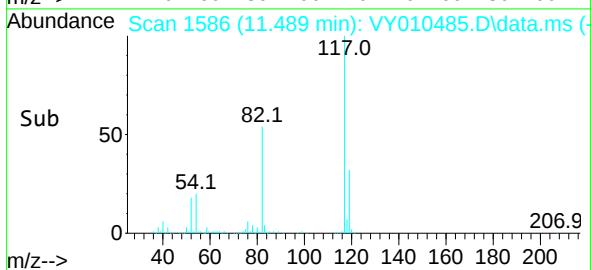
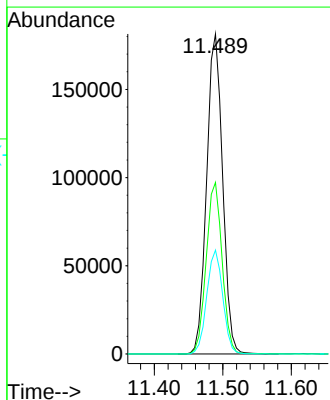
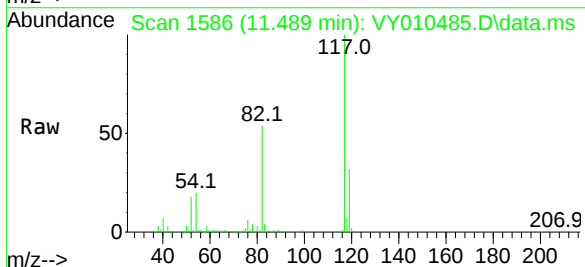
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-3

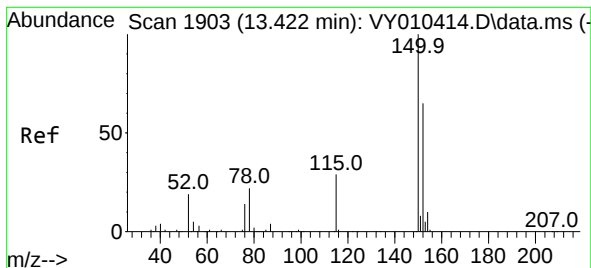
Tgt Ion: 95 Resp: 128666
Ion Ratio Lower Upper
95 100
174 85.1 0.0 177.0
176 81.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010485.D
Acq: 14 Sep 2022 15:37

Tgt Ion: 117 Resp: 293998
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 32.5 25.4 38.0

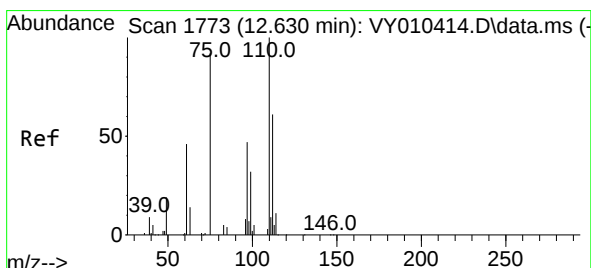
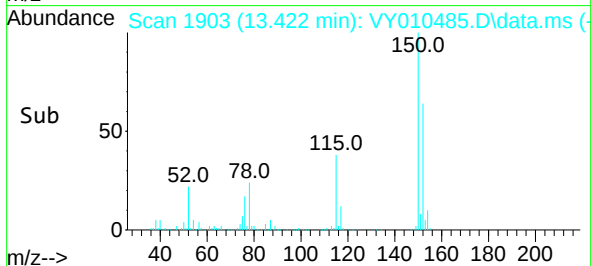
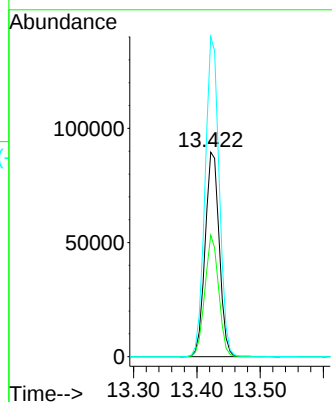
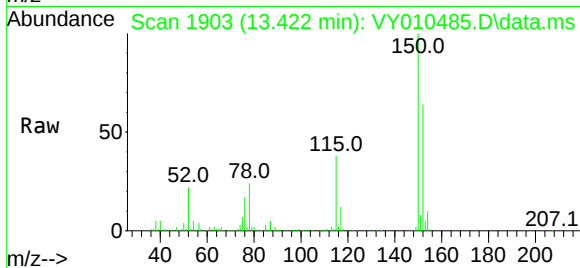




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY010485.D
 Acq: 14 Sep 2022 15:37

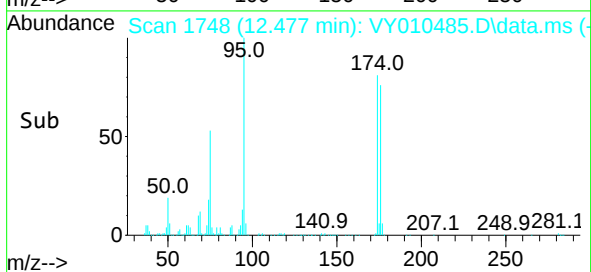
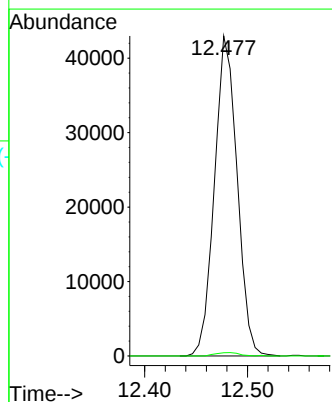
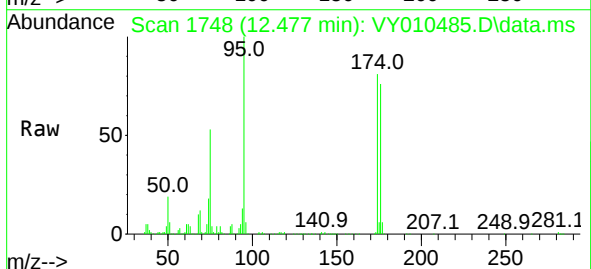
Instrument :
 MSVOA_Y
 ClientSampleId :
 CHERRY-HILL-COMP-3

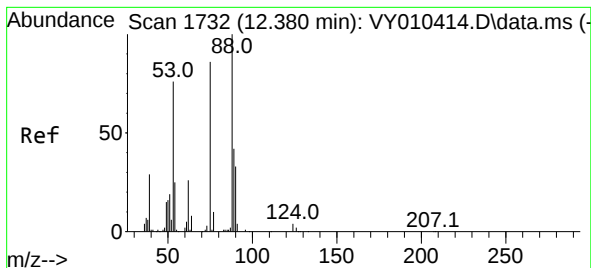
Tgt Ion:152 Resp: 139298
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.2 84.7
 150 156.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 42.827 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY010485.D
 Acq: 14 Sep 2022 15:37

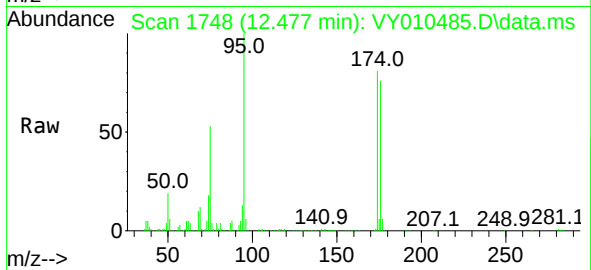
Tgt Ion: 75 Resp: 65841
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.090 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010485.D
 Acq: 14 Sep 2022 15:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHERRY-HILL-COMP-3



Tgt Ion: 75 Resp: 65841
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.1 37.0 55.4#

