

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)

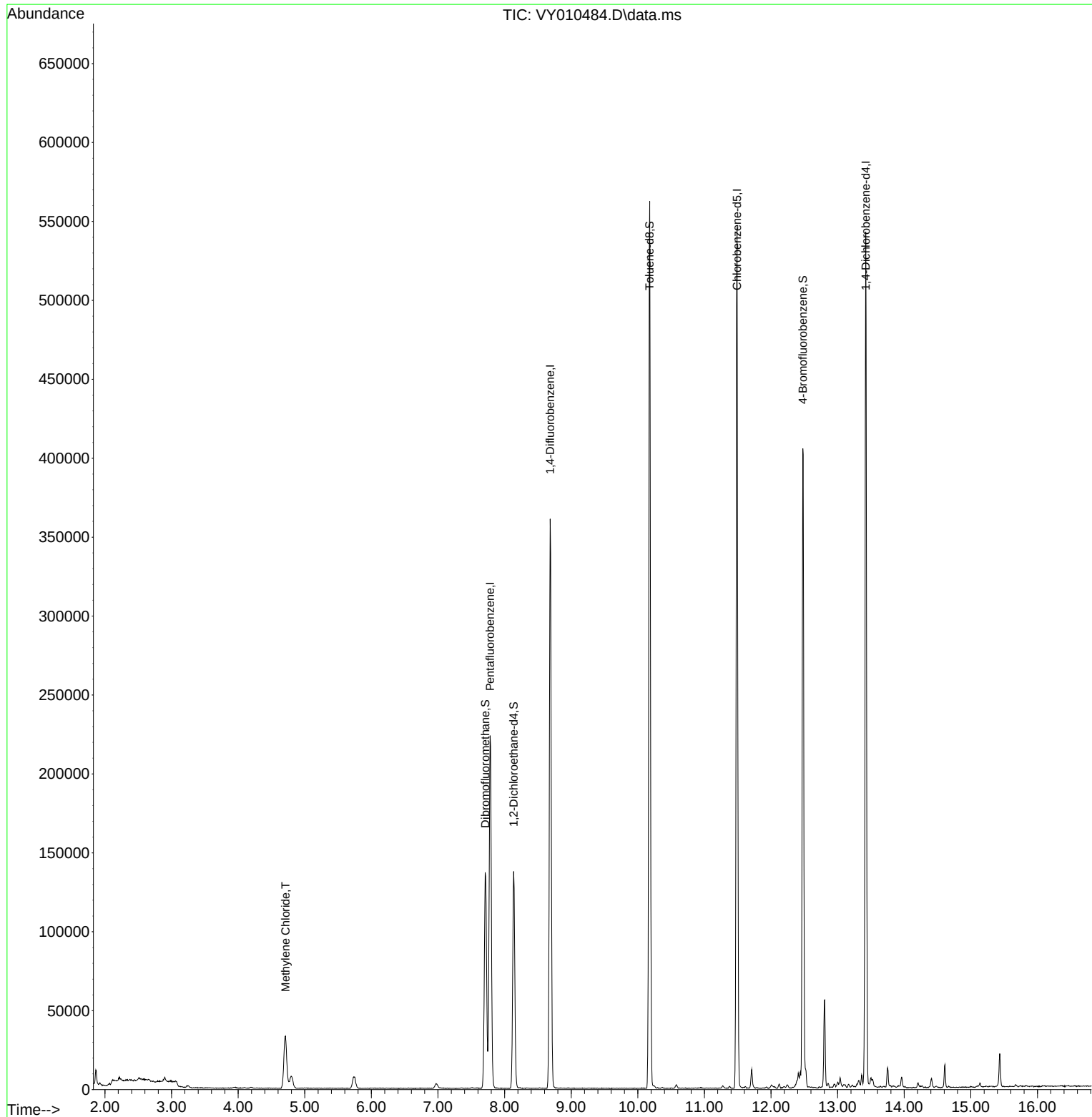
Internal Standards						
1) Pentafluorobenzene	7.783	168	177724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	311049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	297846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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
20) Methylene Chloride	4.710	84	26241	7.329	ug/l	# 83

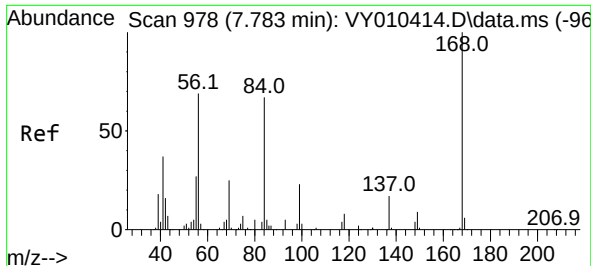
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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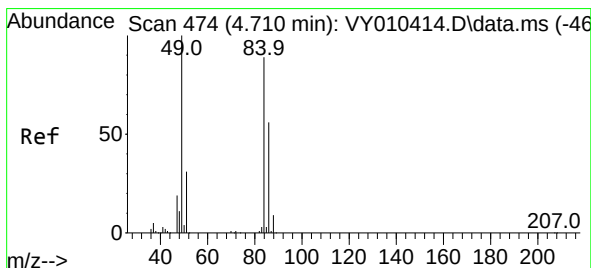
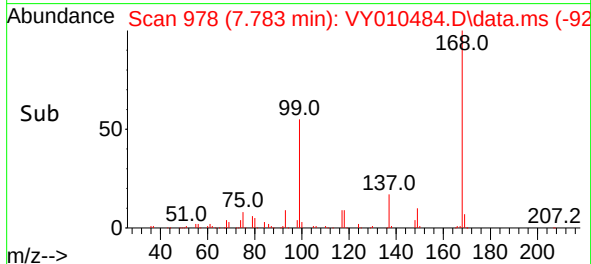
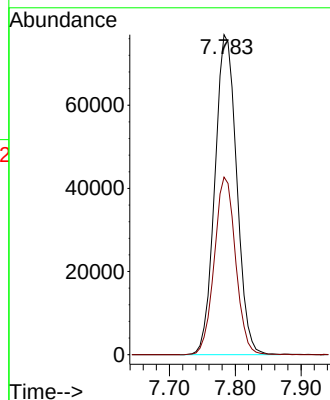
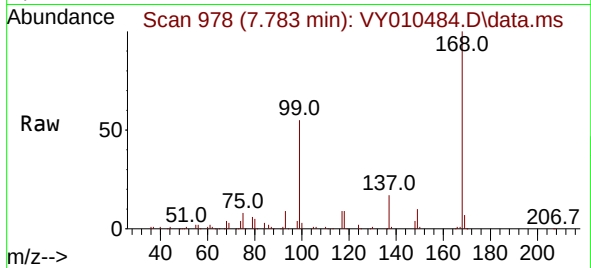




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010484.D
Acq: 14 Sep 2022 15:13

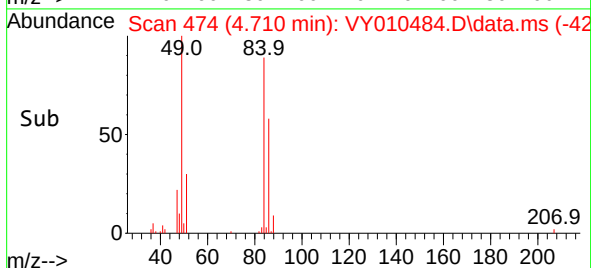
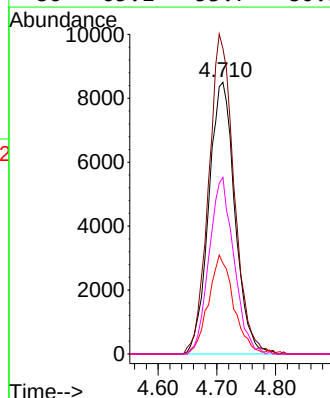
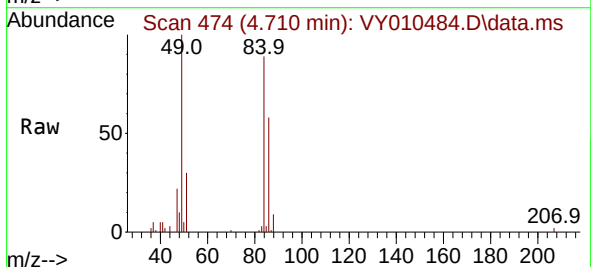
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-2

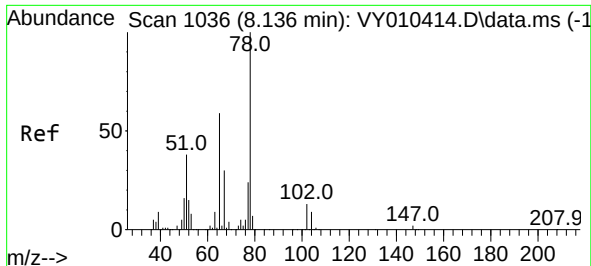
Tgt Ion:168 Resp: 177724
Ion Ratio Lower Upper
168 100
99 55.5 46.9 70.3



#20
Methylene Chloride
Concen: 7.329 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010484.D
Acq: 14 Sep 2022 15:13

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





#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 :

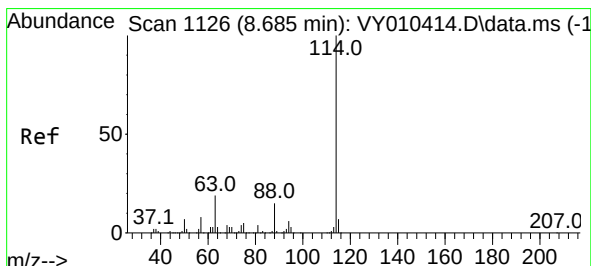
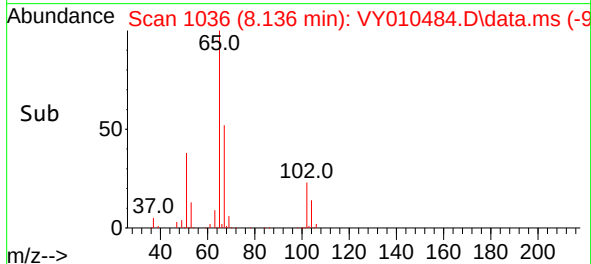
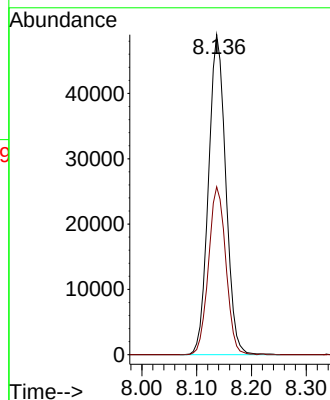
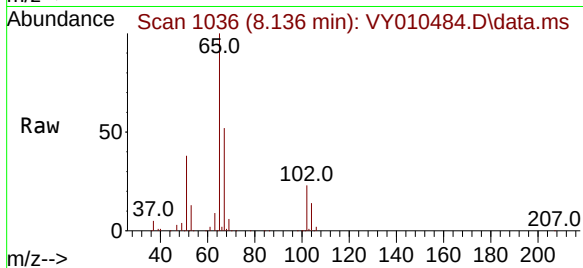
CHERRY-HILL-COMP-2

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

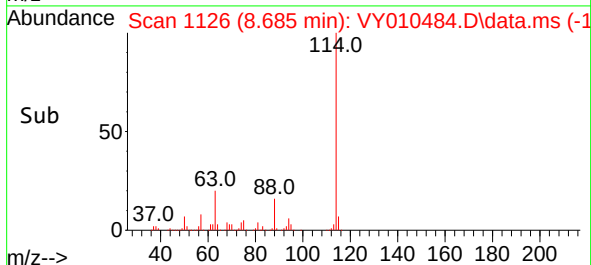
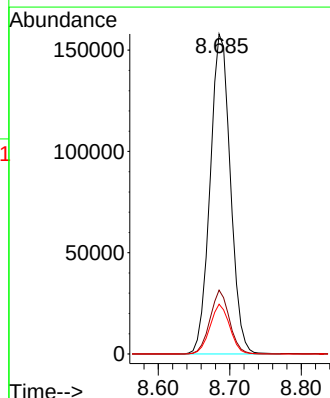
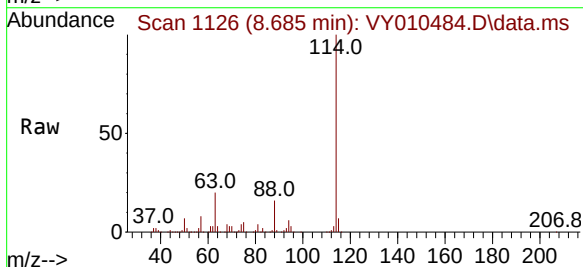
Tgt Ion: 114 Resp: 311049

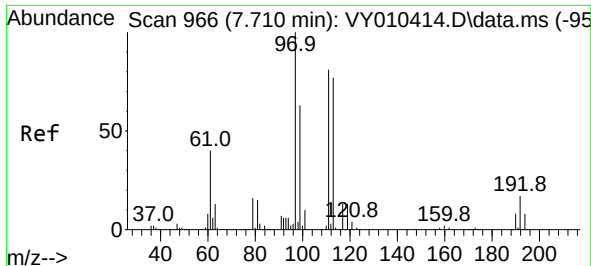
Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 15.6 0.0 31.8

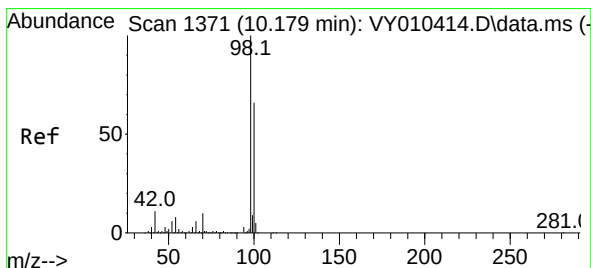
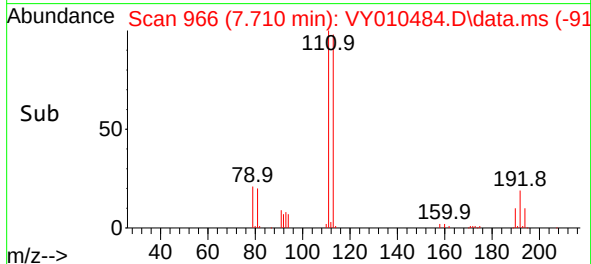
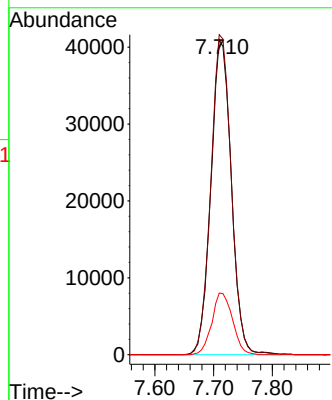
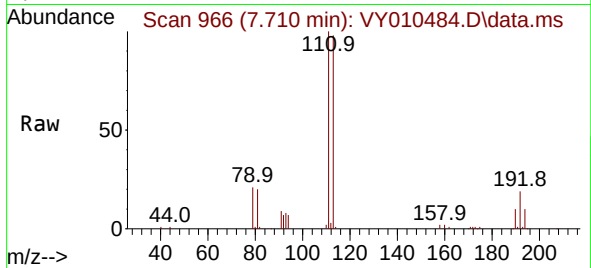




#35
Dibromofluoromethane
Concen: 44.641 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010484.D
Acq: 14 Sep 2022 15:13

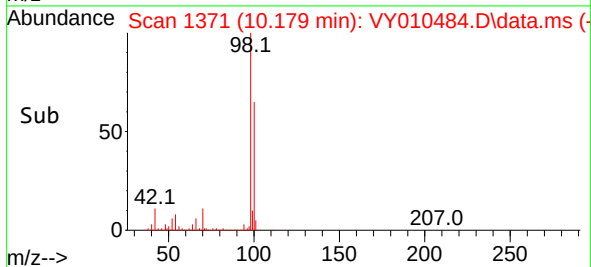
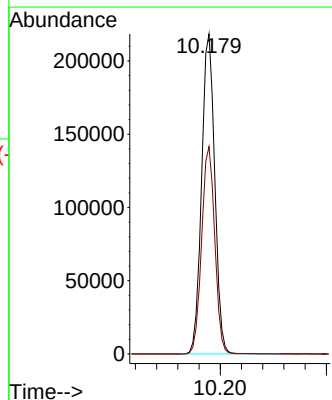
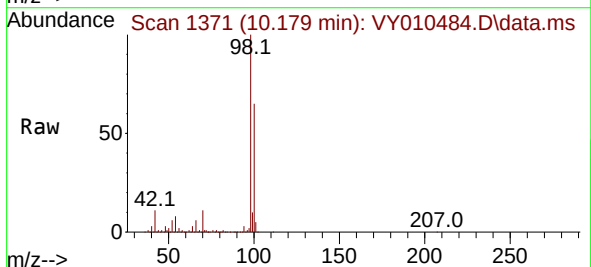
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-2

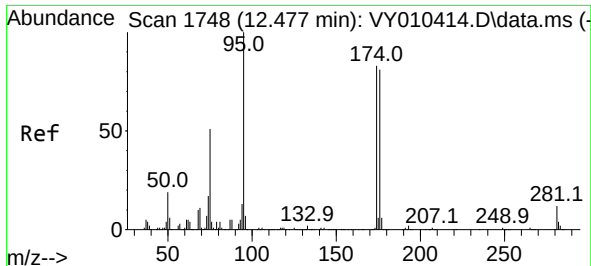
Tgt Ion:113 Resp: 98617
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 19.9 17.6 26.4



#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

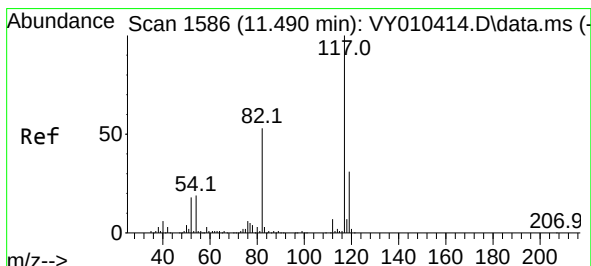
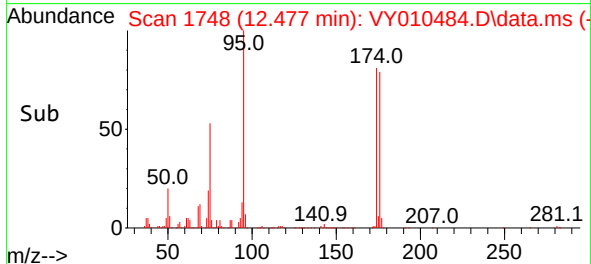
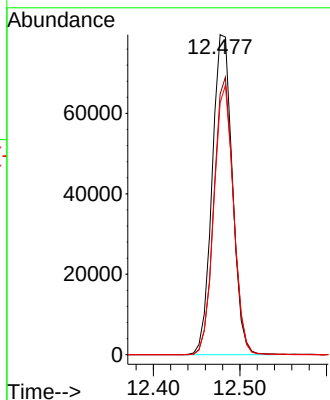
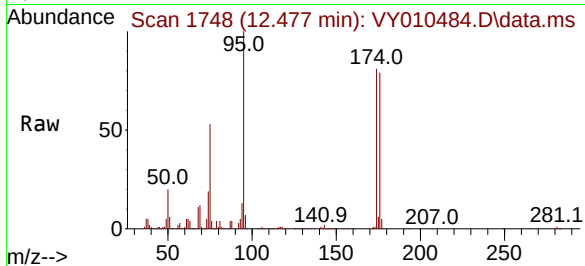




#62
4-Bromofluorobenzene
Concen: 44.835 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010484.D
Acq: 14 Sep 2022 15:13

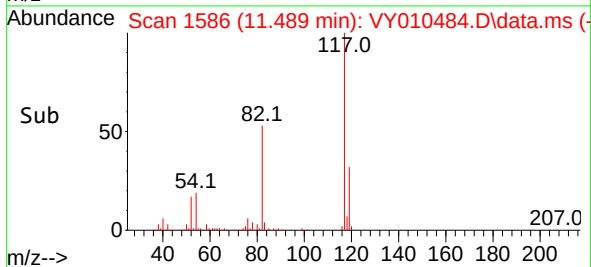
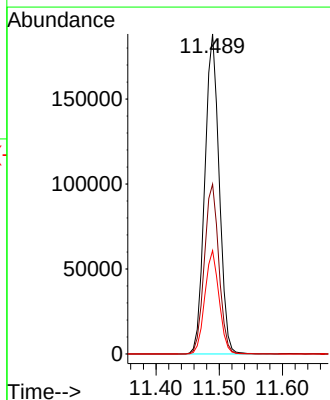
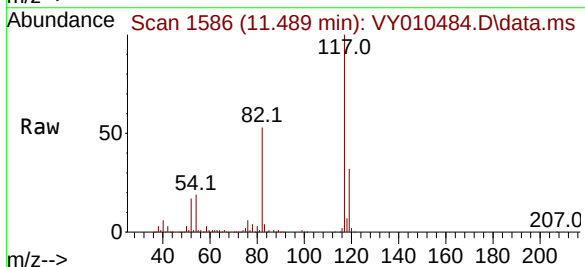
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ClientSampleId :
CHERRY-HILL-COMP-2

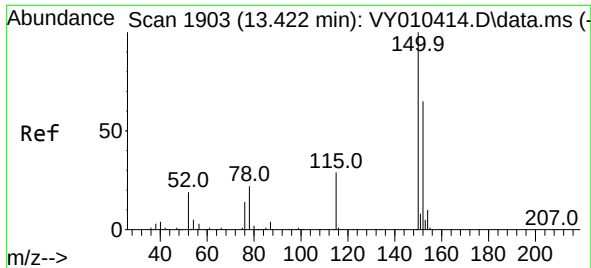
Tgt Ion: 95 Resp: 129041
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 81.7 0.0 175.8



#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

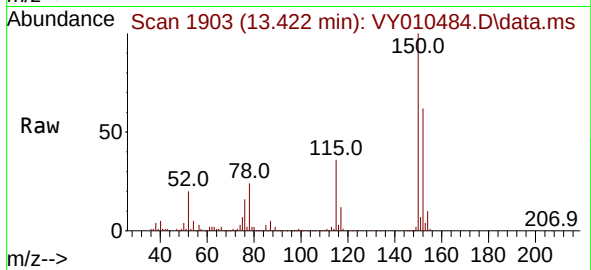
Tgt Ion: 117 Resp: 297846
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 32.3 25.4 38.0





#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

