

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091422\
 Data File : VY010491.D
 Acq On : 14 Sep 2022 17:57
 Operator : KP/MD
 Sample : N4578-36
 Misc : 5.66g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHERRY-HILL-COMP-9

Quant Time: Sep 15 01:11:16 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)

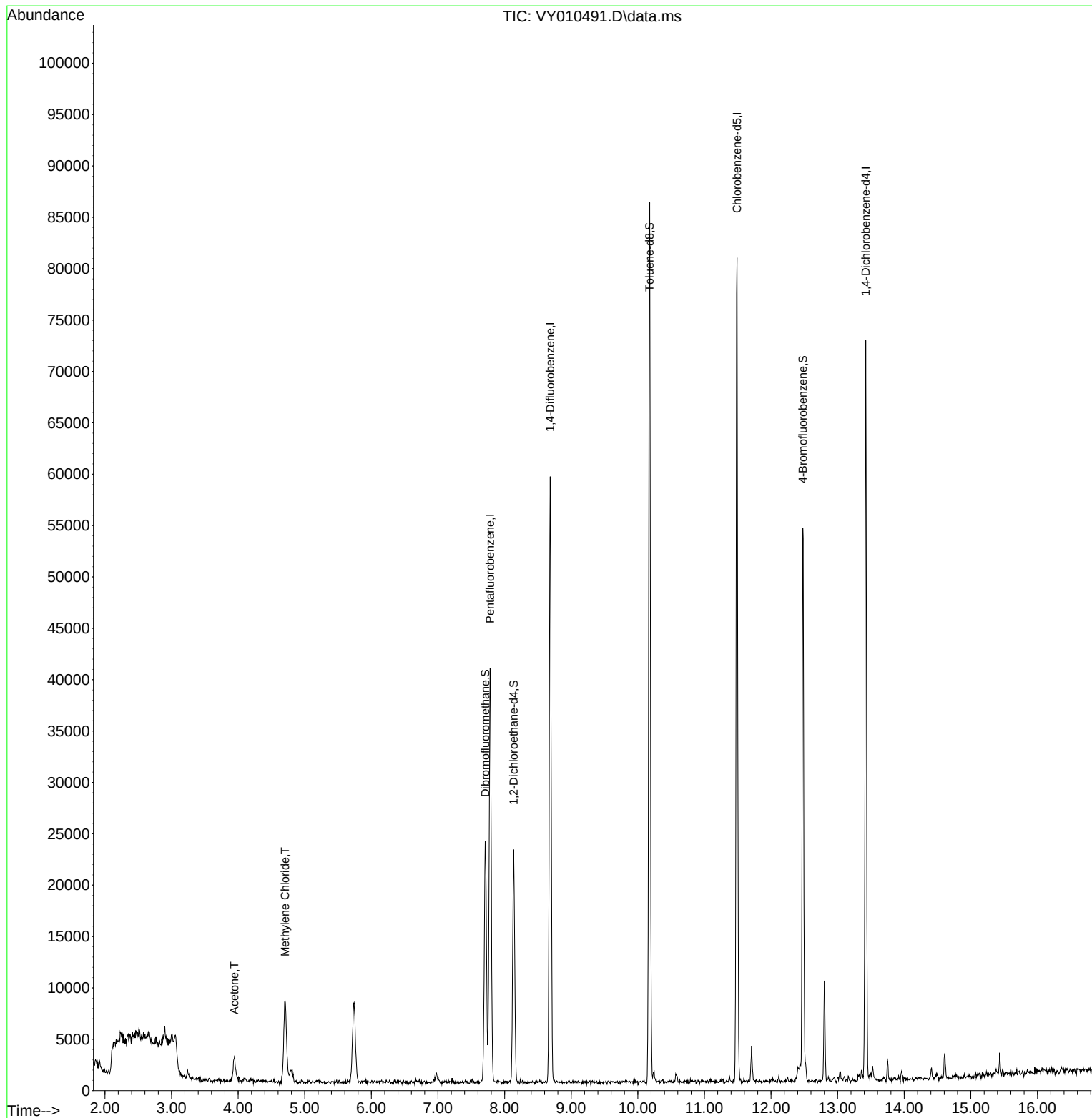
Internal Standards						
1) Pentafluorobenzene	7.783	168	31231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	50992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	45335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	17524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	17197	54.672	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.340%	
35) Dibromofluoromethane	7.710	113	16364	45.186	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.380%	
50) Toluene-d8	10.179	98	57800	49.246	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.500%	
62) 4-Bromofluorobenzene	12.477	95	17003	34.659	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 69.320%	
Target Compounds						Qvalue
16) Acetone	3.942	43	4490	62.201	ug/l	96
20) Methylene Chloride	4.704	84	6049	12.098	ug/l #	79

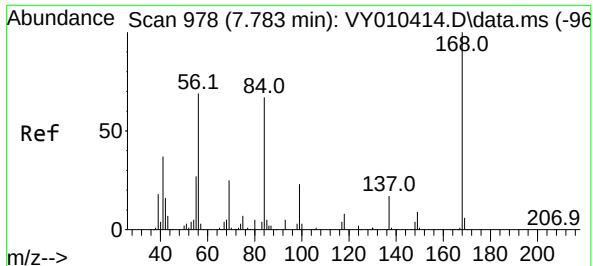
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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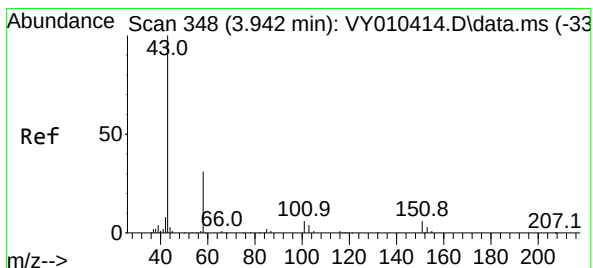
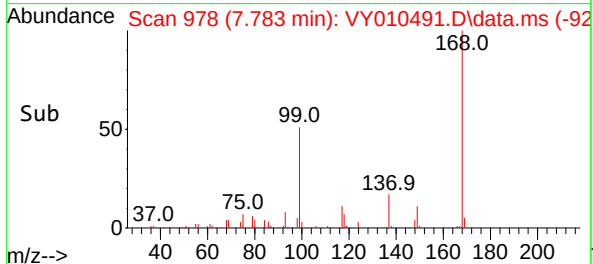
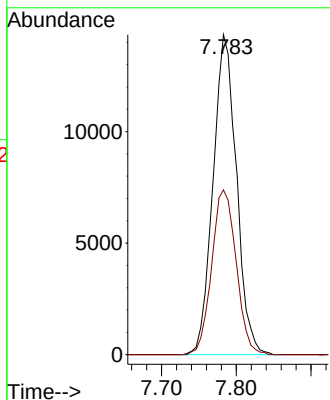
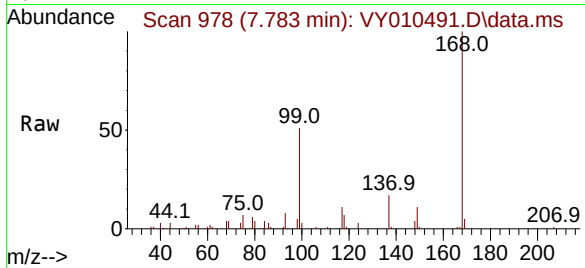




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010491.D
Acq: 14 Sep 2022 17:57

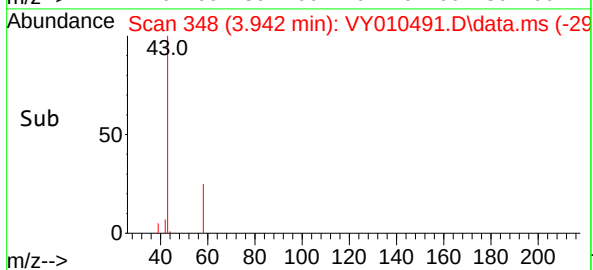
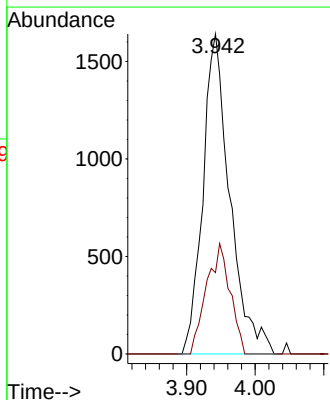
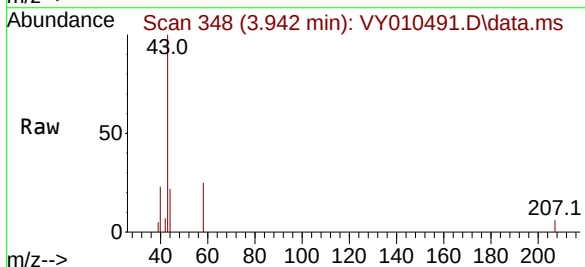
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-9

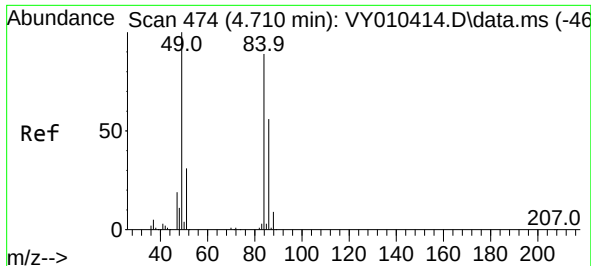
Tgt Ion:168 Resp: 31231
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#16
Acetone
Concen: 62.201 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010491.D
Acq: 14 Sep 2022 17:57

Tgt Ion: 43 Resp: 4490
Ion Ratio Lower Upper
43 100
58 25.4 22.0 33.0

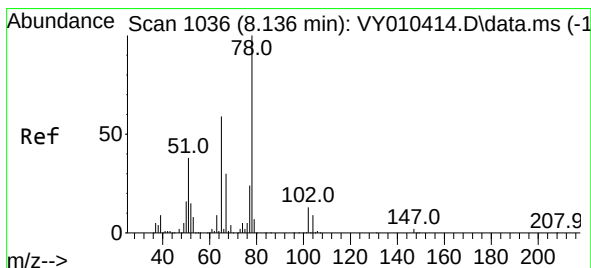
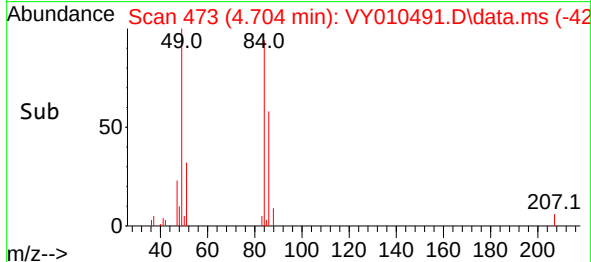
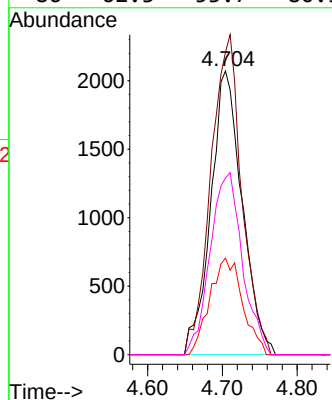
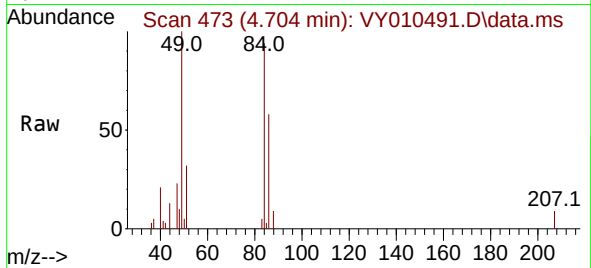




#20
Methylene Chloride
Concen: 12.098 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010491.D
Acq: 14 Sep 2022 17:57

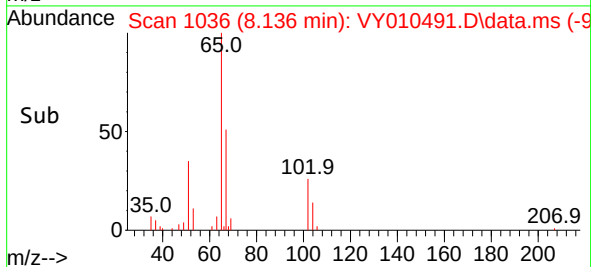
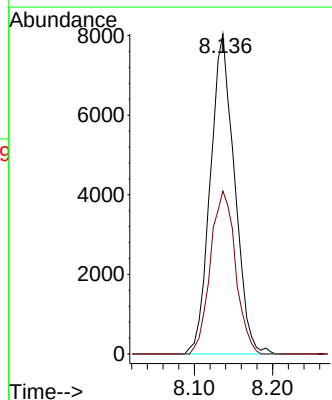
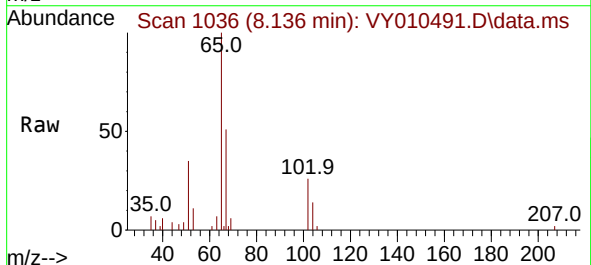
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-9

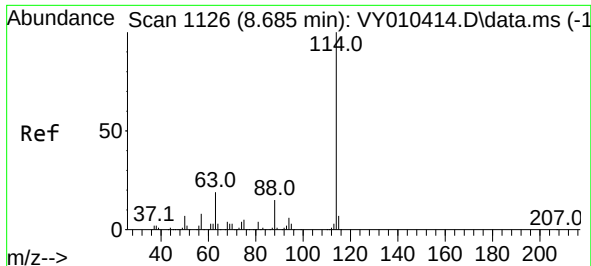
Tgt Ion:	84	Resp:	6049
Ion	Ratio	Lower	Upper
84	100		
49	106.6	114.4	171.6#
51	34.1	35.3	52.9#
86	62.3	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 54.672 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010491.D
Acq: 14 Sep 2022 17:57

Tgt Ion:	65	Resp:	17197
Ion	Ratio	Lower	Upper
65	100		
67	52.9	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: VY010491.D

Acq: 14 Sep 2022 17:57

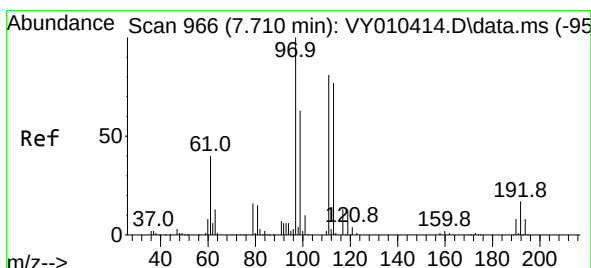
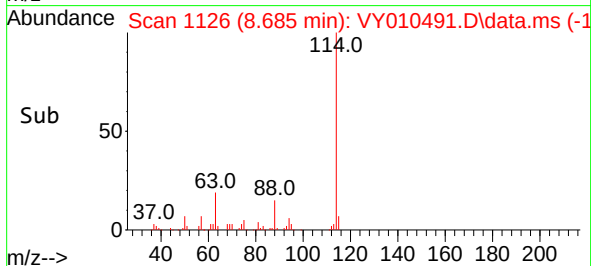
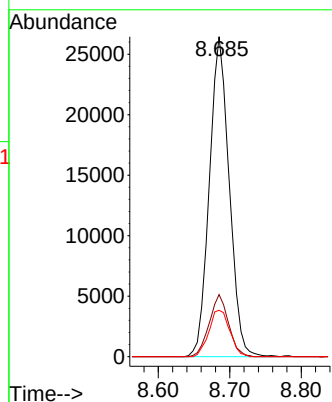
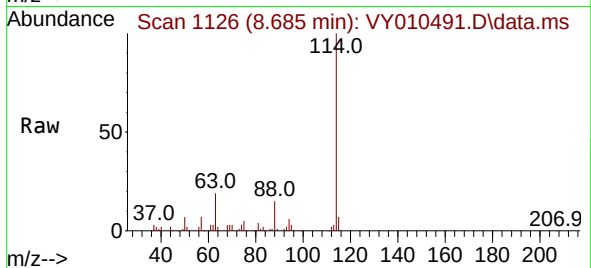
Instrument :

MSVOA_Y

ClientSampleId :

CHERRY-HILL-COMP-9

Tgt Ion:	114	Resp:	50992
Ion Ratio	Lower	Upper	
114	100		
63	19.4	0.0	43.2
88	14.5	0.0	31.8



#35

Dibromofluoromethane

Concen: 45.186 ug/l

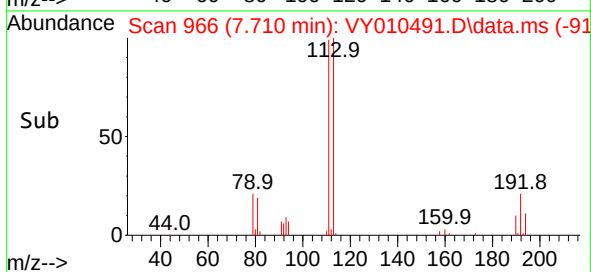
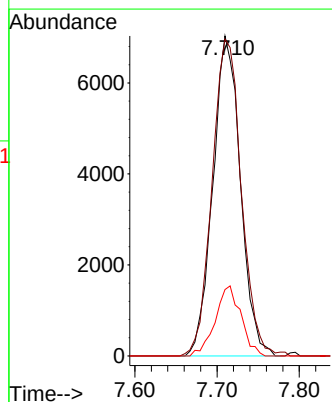
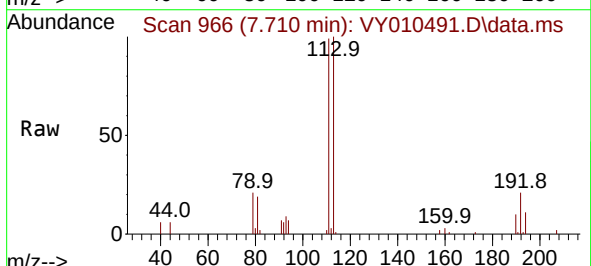
RT: 7.710 min Scan# 966

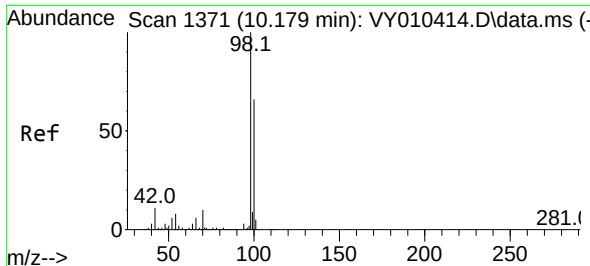
Delta R.T. -0.000 min

Lab File: VY010491.D

Acq: 14 Sep 2022 17:57

Tgt Ion:	113	Resp:	16364
Ion Ratio	Lower	Upper	
113	100		
111	104.9	82.6	124.0
192	20.4	17.6	26.4

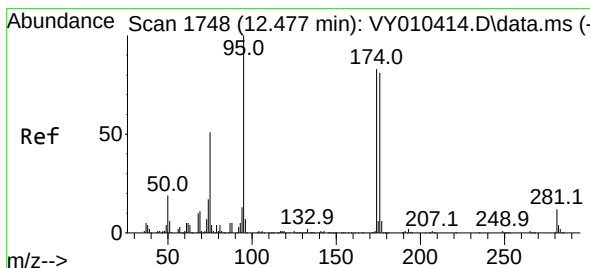
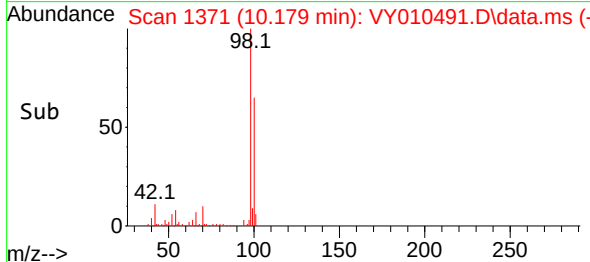
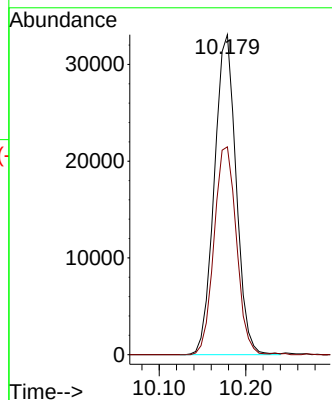
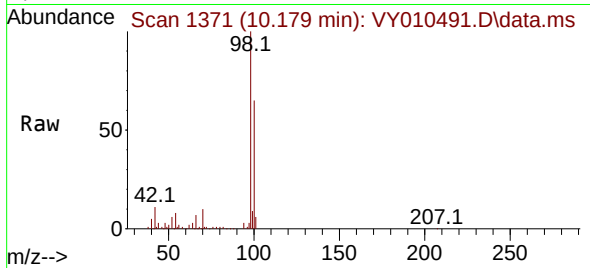




#50
Toluene-d8
Concen: 49.246 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010491.D
Acq: 14 Sep 2022 17:57

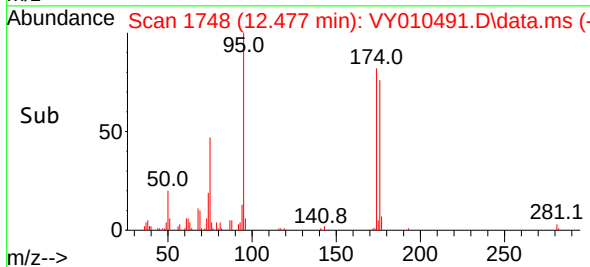
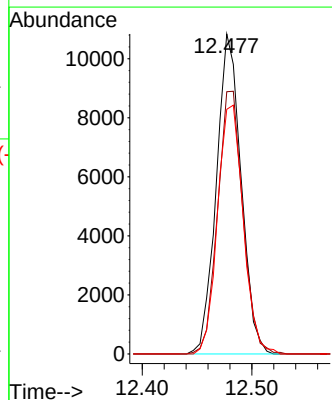
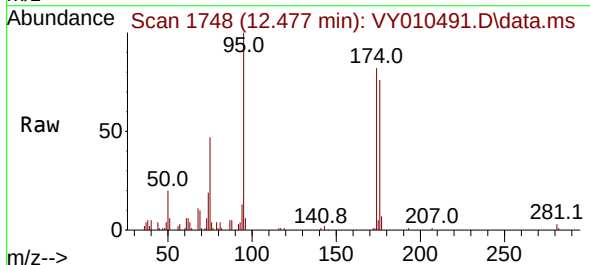
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ClientSampleId :
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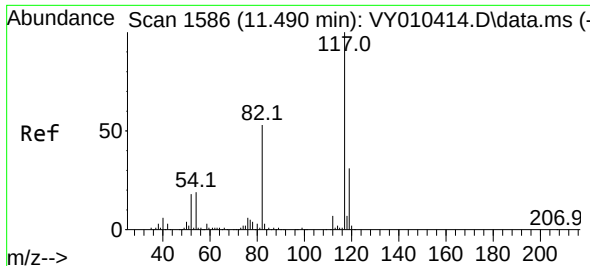
Tgt Ion: 98 Resp: 57800
Ion Ratio Lower Upper
98 100
100 66.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 34.659 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010491.D
Acq: 14 Sep 2022 17:57

Tgt Ion: 95 Resp: 17003
Ion Ratio Lower Upper
95 100
174 83.9 0.0 177.0
176 80.6 0.0 175.8

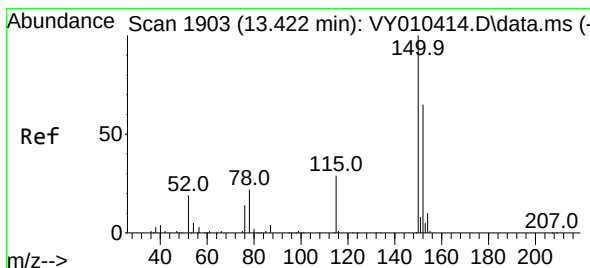
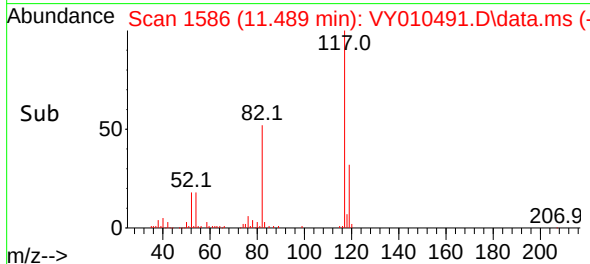
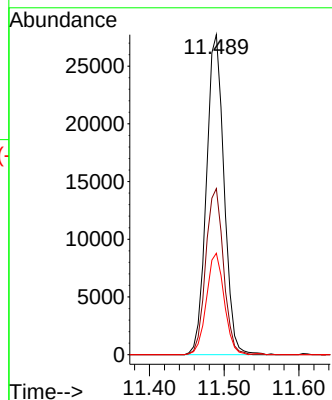
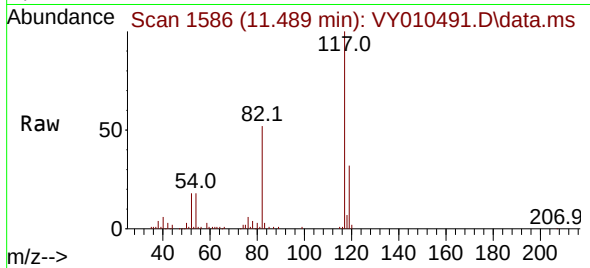




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010491.D
Acq: 14 Sep 2022 17:57

Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-9

Tgt Ion:117 Resp: 45335
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 31.7 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: VY010491.D
Acq: 14 Sep 2022 17:57

Tgt Ion:152 Resp: 17524
Ion Ratio Lower Upper
152 100
115 58.2 28.2 84.7
150 165.7 0.0 347.6

