

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091923\
 Data File : VD077156.D
 Acq On : 19 Sep 2023 19:48
 Operator : JC/SY
 Sample : 04436-13
 Misc : 4.62G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CPT102-23(9-9.5)

Quant Time: Sep 20 02:06:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

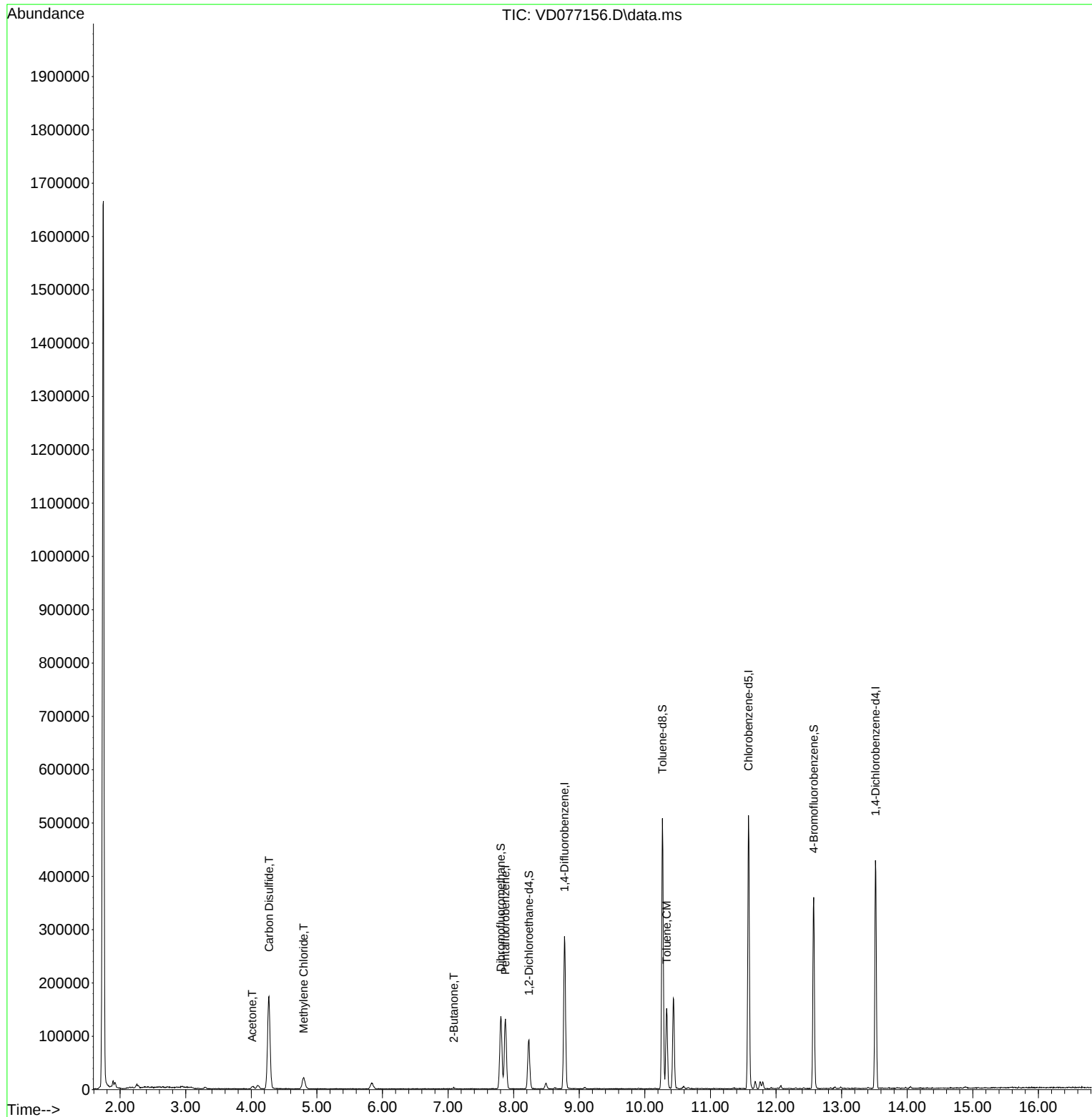
Internal Standards						
1) Pentafluorobenzene	7.875	168	104062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	261292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	311605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	120696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	70147	66.794	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.580%
35) Dibromofluoromethane	7.804	113	98117	54.061	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.120%
50) Toluene-d8	10.269	98	348487	53.945	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.900%
62) 4-Bromofluorobenzene	12.575	95	109075	54.476	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.960%
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	8481	35.333	ug/l #	71
17) Carbon Disulfide	4.269	76	361214	90.641	ug/l	98
20) Methylene Chloride	4.798	84	18412	6.337	ug/l	95
25) 2-Butanone	7.087	43	2298	7.277	ug/l	87
52) Toluene	10.333	92	67883	12.548	ug/l	98

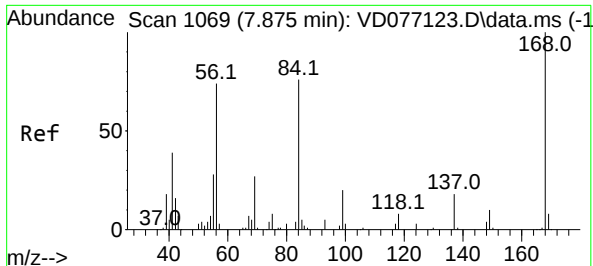
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CPT102-23(9-9.5)

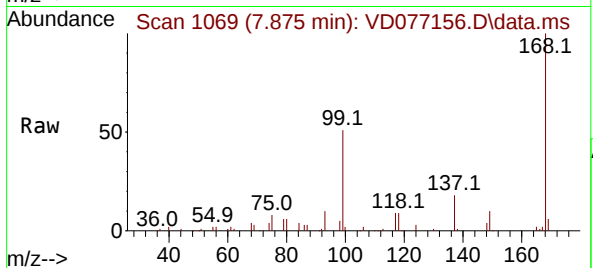
Quant Time: Sep 20 02:06:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 19 04:46:37 2023
Response via : Initial Calibration



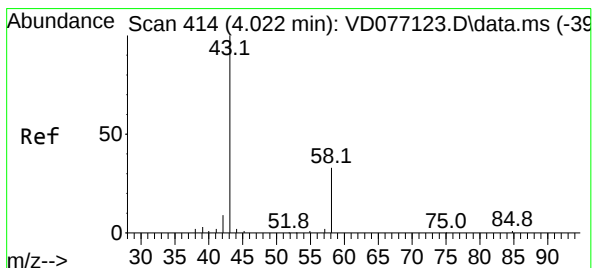
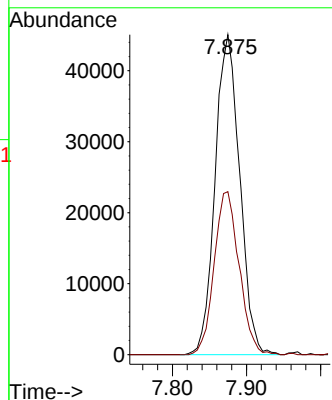
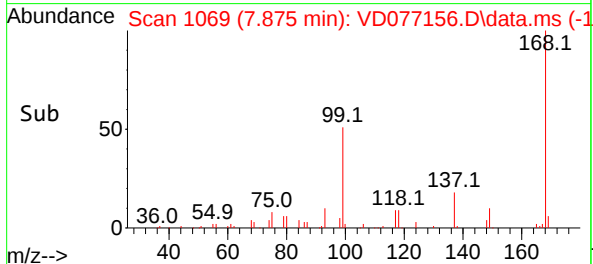


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077156.D
Acq: 19 Sep 2023 19:48

Instrument :
MSVOA_D
ClientSampleId :
CPT102-23(9-9.5)

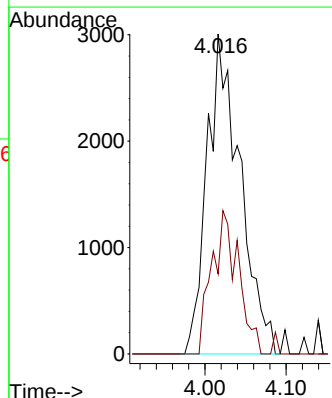
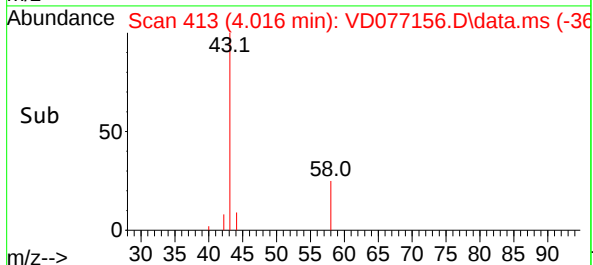
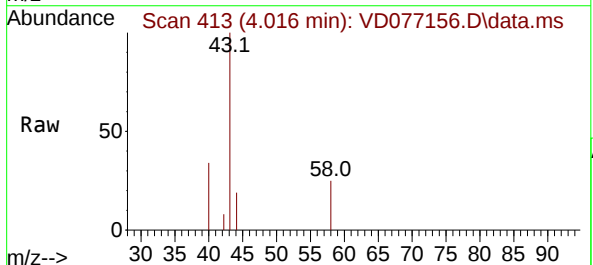


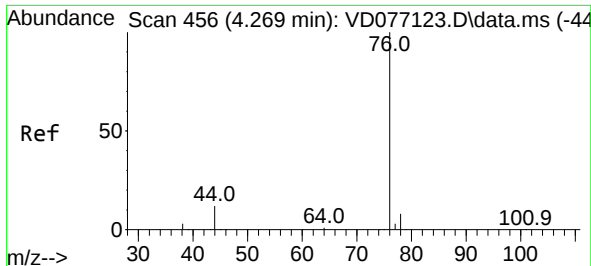
Tgt Ion:168 Resp: 104062
Ion Ratio Lower Upper
168 100
99 50.9 36.7 55.1



#16
Acetone
Concen: 35.333 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077156.D
Acq: 19 Sep 2023 19:48

Tgt Ion: 43 Resp: 8481
Ion Ratio Lower Upper
43 100
58 25.0 34.7 52.1#

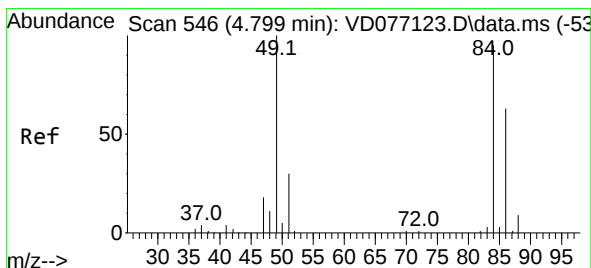
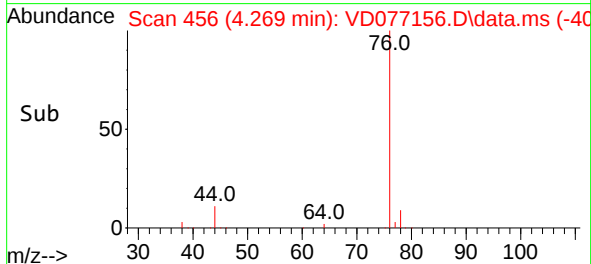
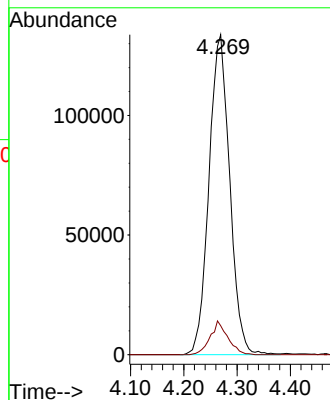
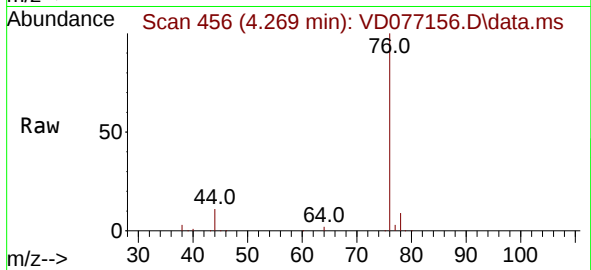




#17
Carbon Disulfide
Concen: 90.641 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD077156.D
Acq: 19 Sep 2023 19:48

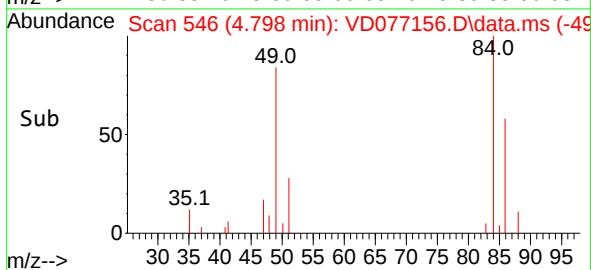
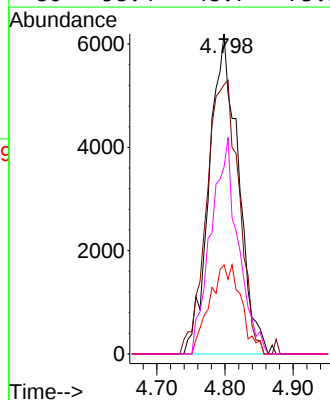
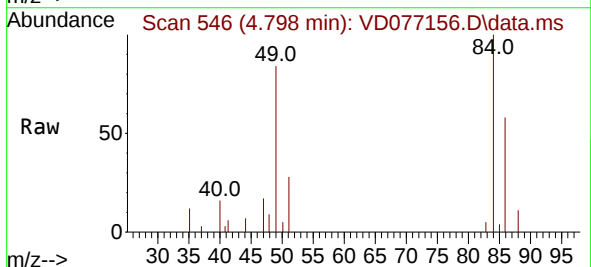
Instrument :
MSVOA_D
ClientSampleId :
CPT102-23(9-9.5)

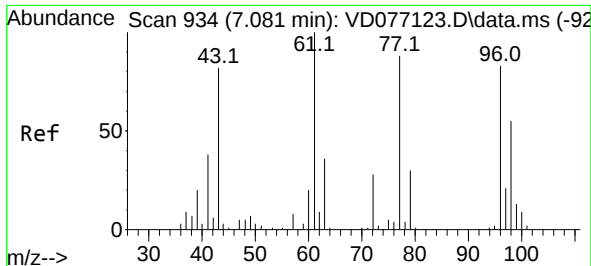
Tgt Ion: 76 Resp: 361214
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#20
Methylene Chloride
Concen: 6.337 ug/l
RT: 4.798 min Scan# 546
Delta R.T. -0.001 min
Lab File: VD077156.D
Acq: 19 Sep 2023 19:48

Tgt Ion: 84 Resp: 18412
Ion Ratio Lower Upper
84 100
49 84.1 71.4 107.2
51 27.8 24.5 36.7
86 58.4 48.7 73.1

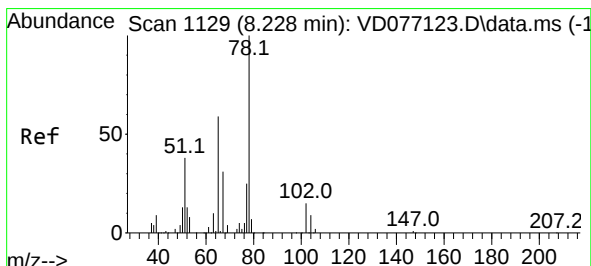
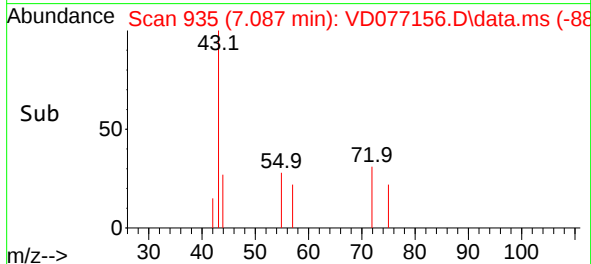
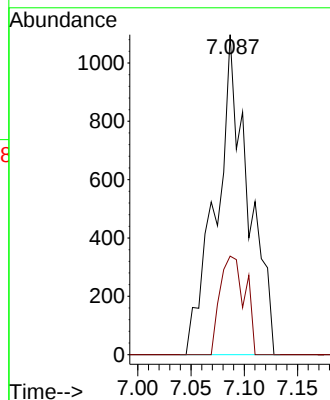
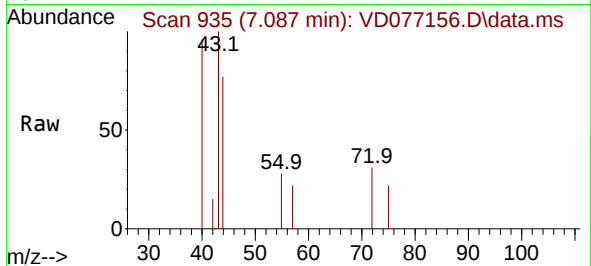




#25
2-Butanone
Concen: 7.277 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077156.D
Acq: 19 Sep 2023 19:48

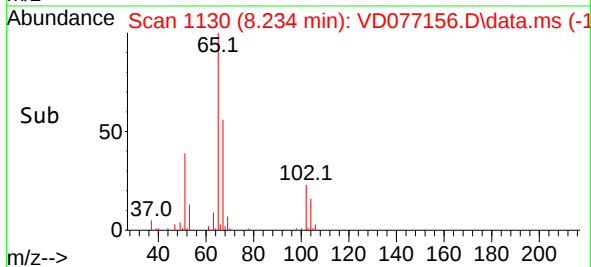
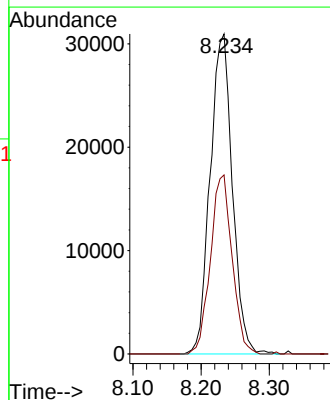
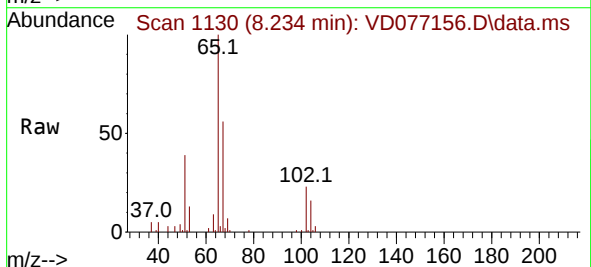
Instrument :
MSVOA_D
ClientSampleId :
CPT102-23(9-9.5)

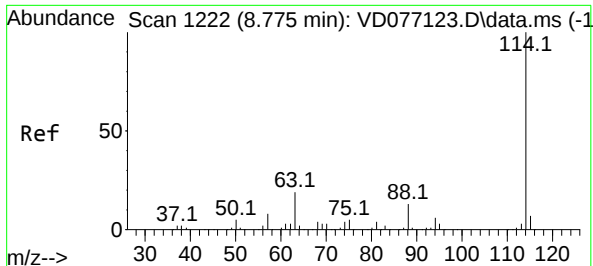
Tgt Ion: 43 Resp: 2298
Ion Ratio Lower Upper
43 100
72 30.8 30.7 46.1



#33
1,2-Dichloroethane-d4
Concen: 66.794 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077156.D
Acq: 19 Sep 2023 19:48

Tgt Ion: 65 Resp: 70147
Ion Ratio Lower Upper
65 100
67 54.6 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077156.D

Acq: 19 Sep 2023 19:48

Instrument :

MSVOA_D

ClientSampleId :

CPT102-23(9-9.5)

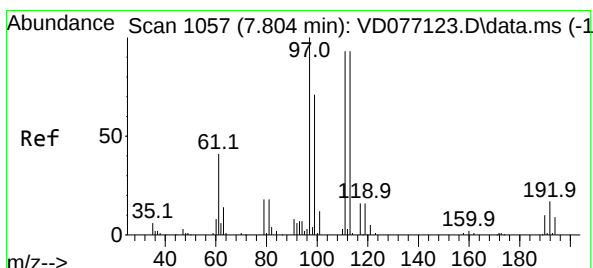
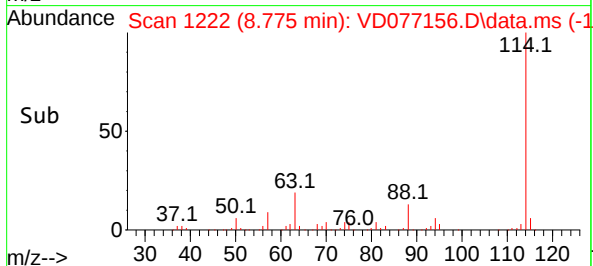
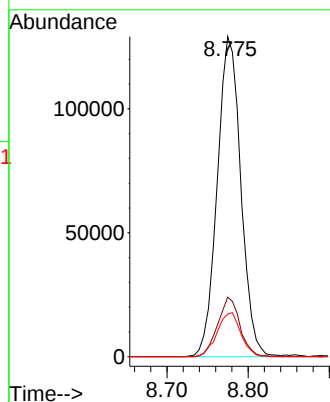
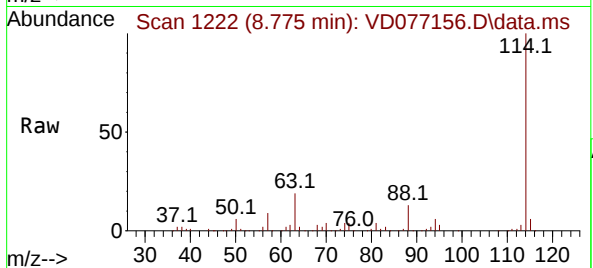
Tgt Ion:114 Resp: 261292

Ion Ratio Lower Upper

114 100

63 18.6 0.0 33.4

88 13.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 54.061 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD077156.D

Acq: 19 Sep 2023 19:48

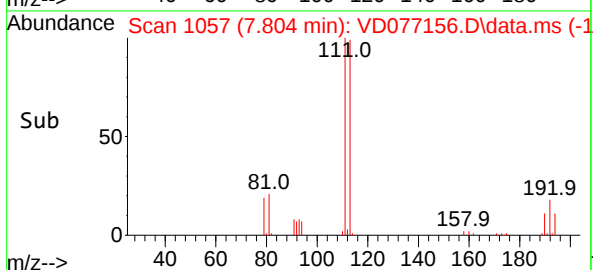
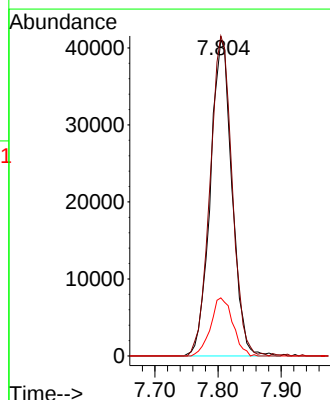
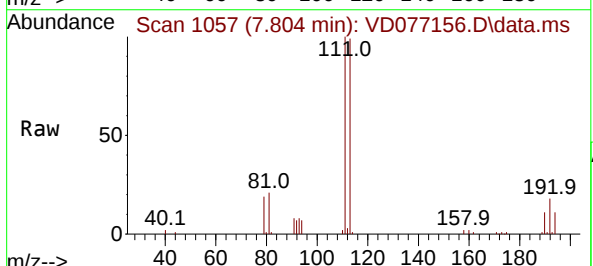
Tgt Ion:113 Resp: 98117

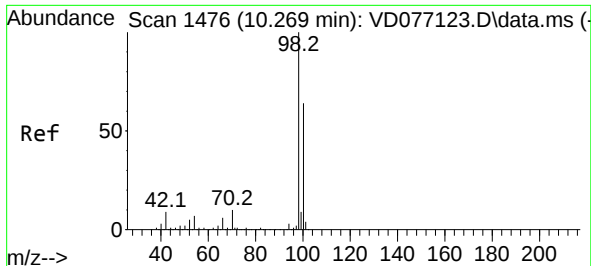
Ion Ratio Lower Upper

113 100

111 102.9 84.7 127.1

192 18.8 16.8 25.2

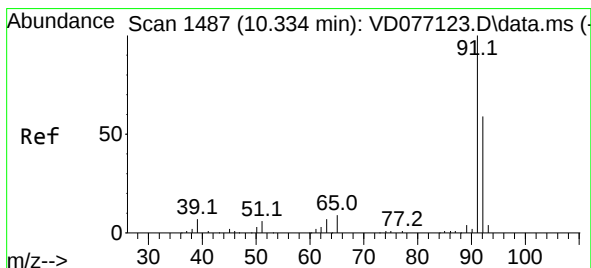
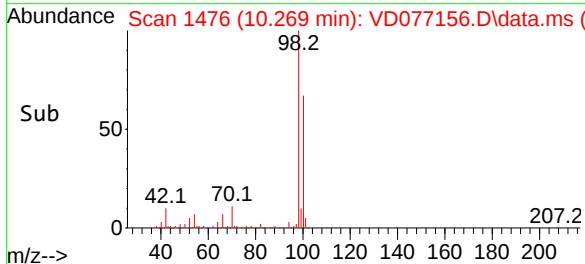
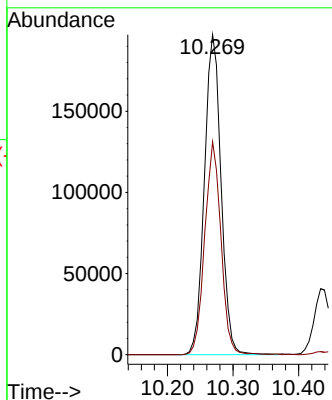
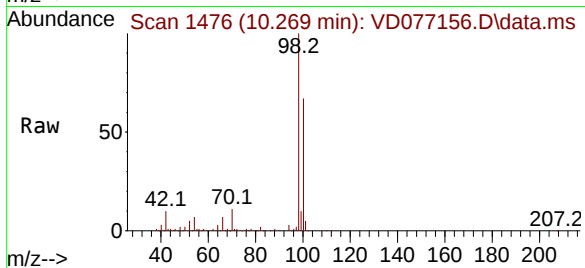




#50
Toluene-d8
Concen: 53.945 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077156.D
Acq: 19 Sep 2023 19:48

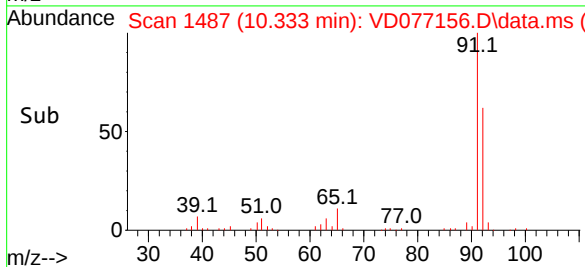
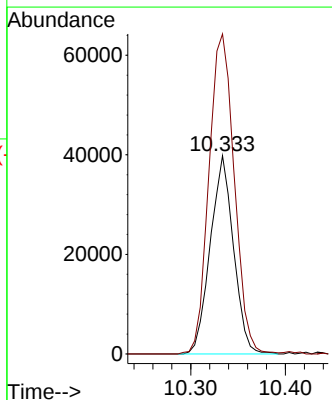
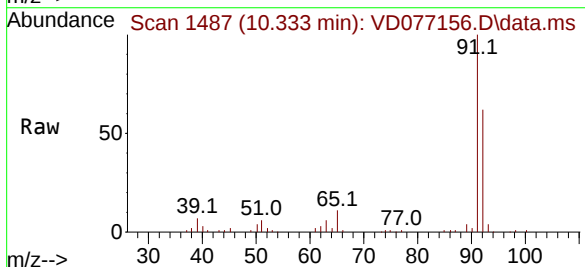
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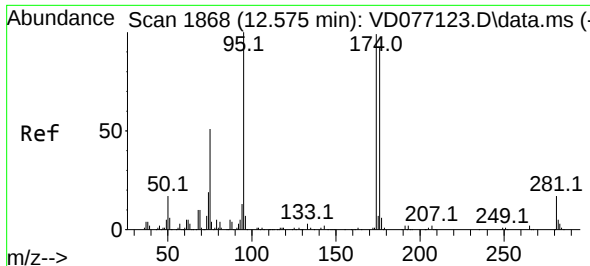
Tgt Ion: 98 Resp: 348487
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5



#52
Toluene
Concen: 12.548 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077156.D
Acq: 19 Sep 2023 19:48

Tgt Ion: 92 Resp: 67883
Ion Ratio Lower Upper
92 100
91 175.9 143.0 214.4

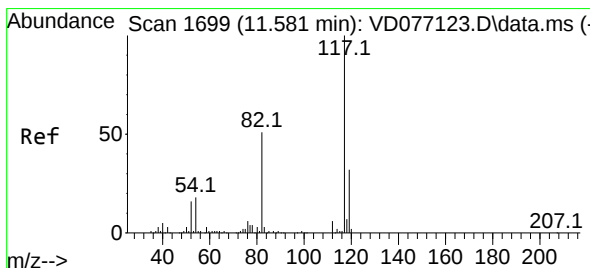
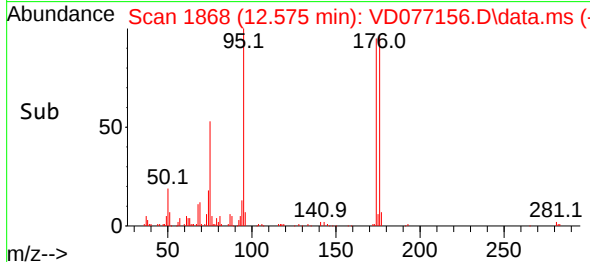
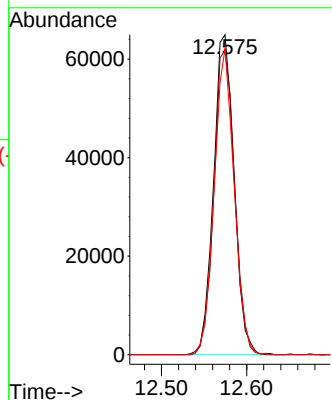
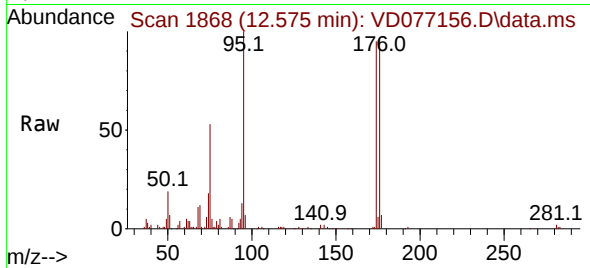




#62
4-Bromofluorobenzene
Concen: 54.476 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077156.D
Acq: 19 Sep 2023 19:48

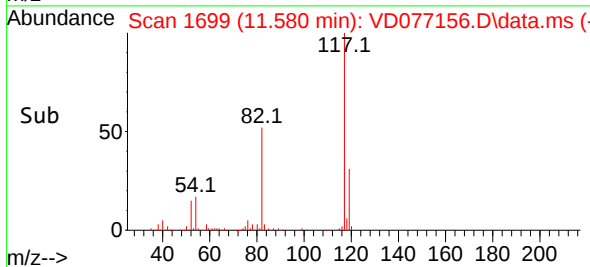
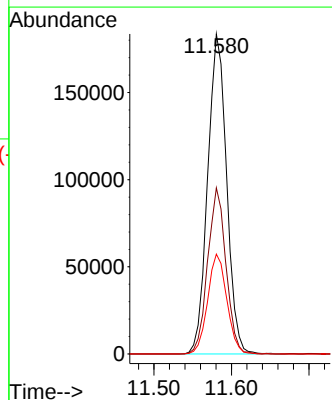
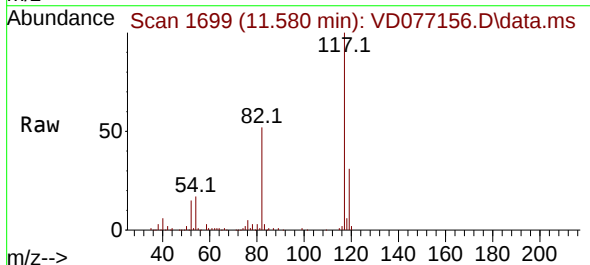
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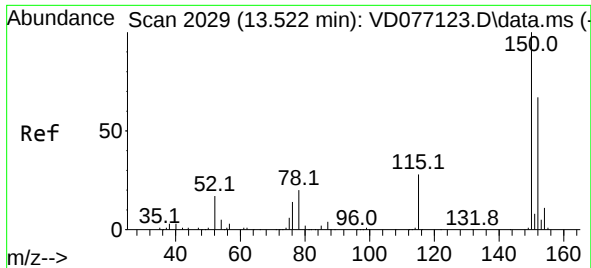
Tgt Ion: 95 Resp: 109075
Ion Ratio Lower Upper
95 100
174 95.5 0.0 201.8
176 92.1 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077156.D
Acq: 19 Sep 2023 19:48

Tgt Ion: 117 Resp: 311605
Ion Ratio Lower Upper
117 100
82 51.9 38.3 57.5
119 31.2 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.006 min

Lab File: VD077156.D

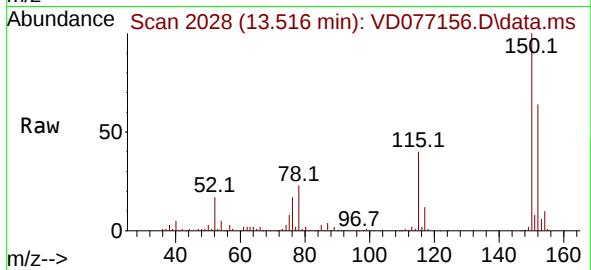
Acq: 19 Sep 2023 19:48

Instrument :

MSVOA_D

ClientSampleId :

CPT102-23(9-9.5)



Tgt Ion:152 Resp: 120696

Ion Ratio Lower Upper

152 100

115 56.3 27.1 81.3

150 156.4 0.0 353.6

