

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091923\
 Data File : VD077157.D
 Acq On : 19 Sep 2023 20:16
 Operator : JC/SY
 Sample : 04436-03RE
 Misc : 4.29G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B103-05(6.5-7)RE

Quant Time: Sep 20 02:06:31 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)

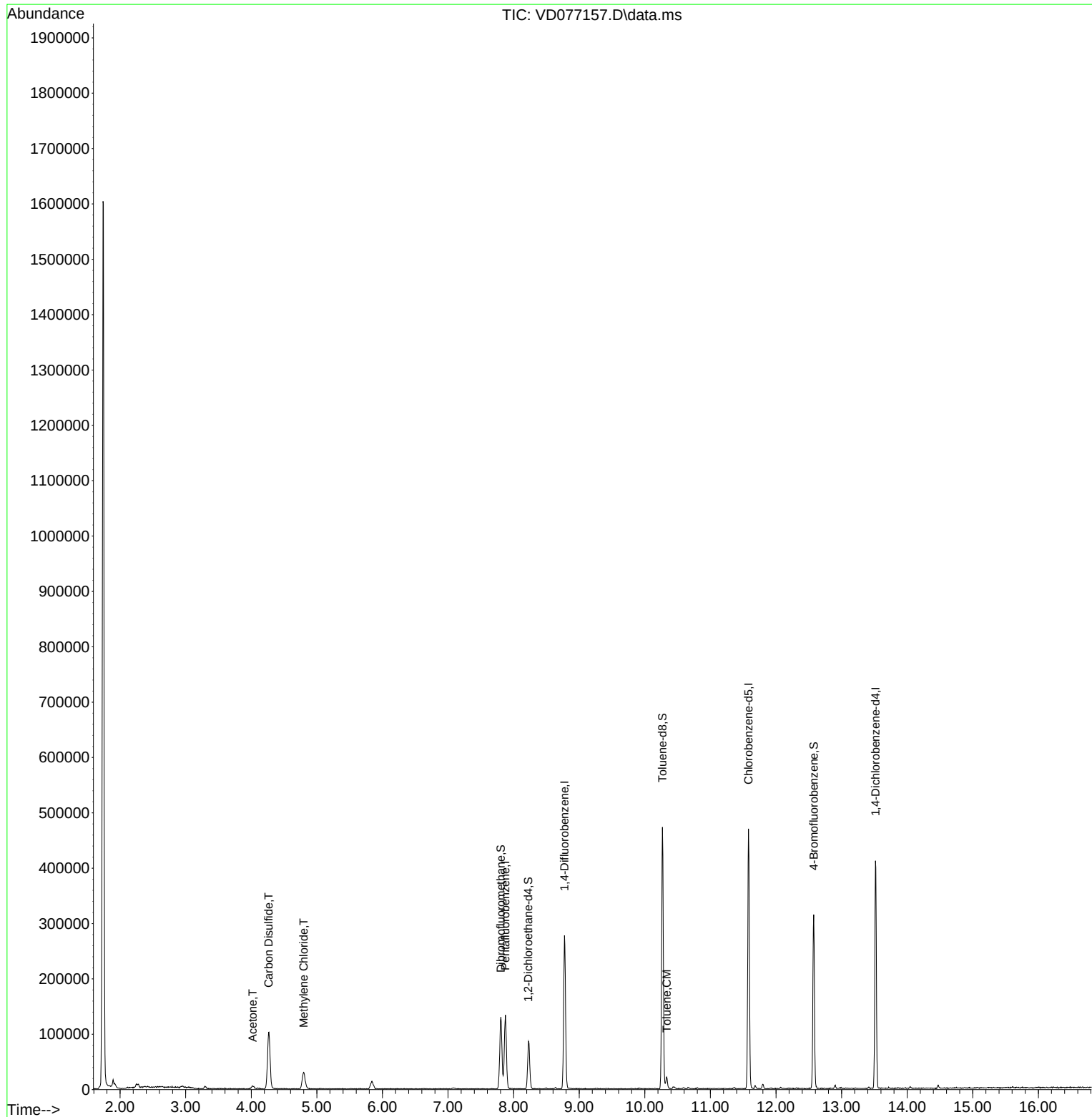
Internal Standards						
1) Pentafluorobenzene	7.875	168	104905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	253488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	288573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	106837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	64435	60.862	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.720%	
35) Dibromofluoromethane	7.805	113	93390	53.041	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.080%	
50) Toluene-d8	10.269	98	334604	53.391	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.780%	
62) 4-Bromofluorobenzene	12.575	95	95321	49.073	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.140%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	9348	38.633	ug/l #	67
17) Carbon Disulfide	4.264	76	216846	53.977	ug/l	100
20) Methylene Chloride	4.799	84	23899	10.243	ug/l #	84
52) Toluene	10.334	92	8564	1.632	ug/l	95

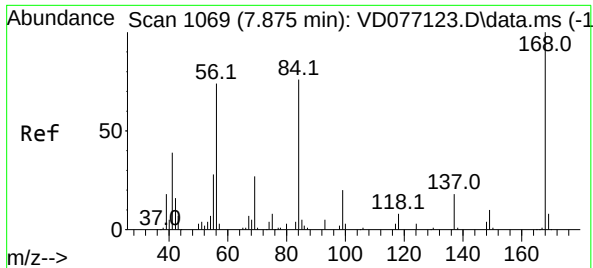
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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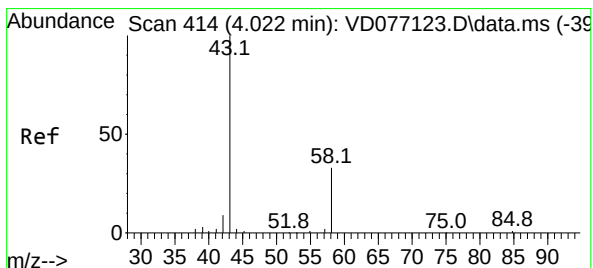
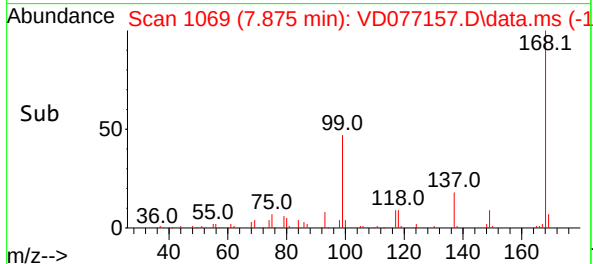
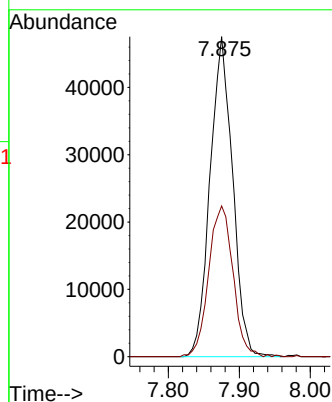
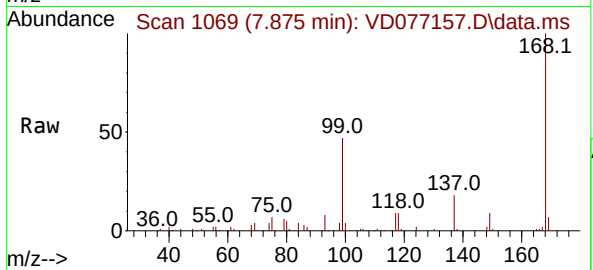




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077157.D
Acq: 19 Sep 2023 20:16

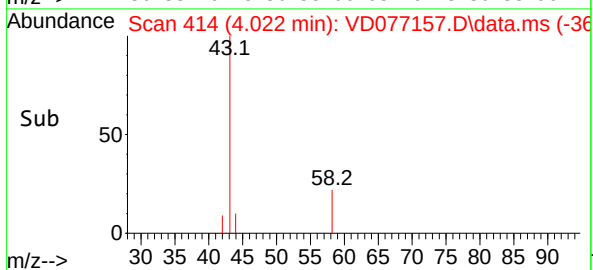
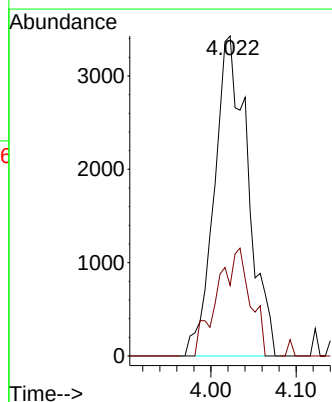
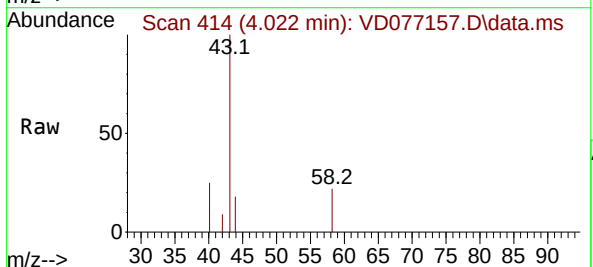
Instrument :
MSVOA_D
ClientSampleId :
B103-05(6.5-7)RE

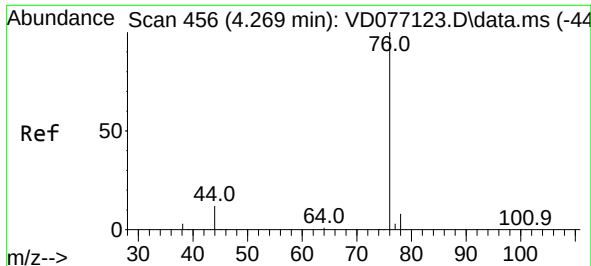
Tgt Ion:168 Resp: 104905
Ion Ratio Lower Upper
168 100
99 47.1 36.7 55.1



#16
Acetone
Concen: 38.633 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077157.D
Acq: 19 Sep 2023 20:16

Tgt Ion: 43 Resp: 9348
Ion Ratio Lower Upper
43 100
58 22.0 34.7 52.1#

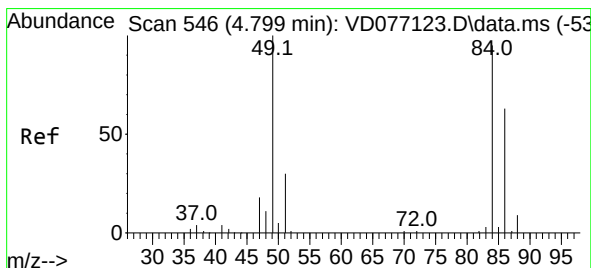
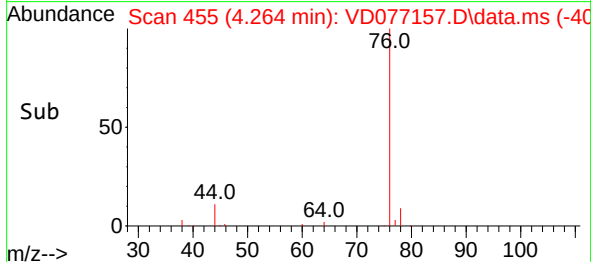
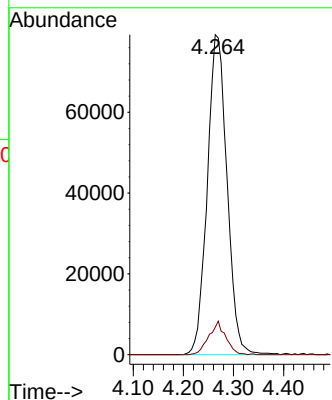
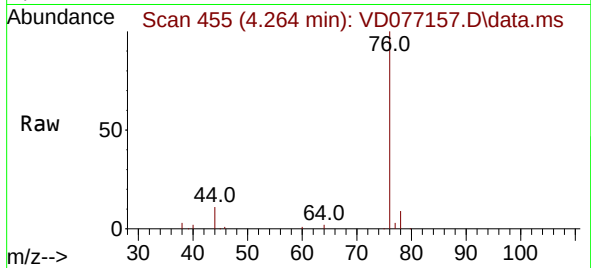




#17
Carbon Disulfide
Concen: 53.977 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD077157.D
Acq: 19 Sep 2023 20:16

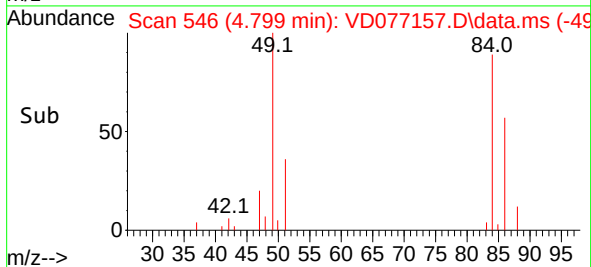
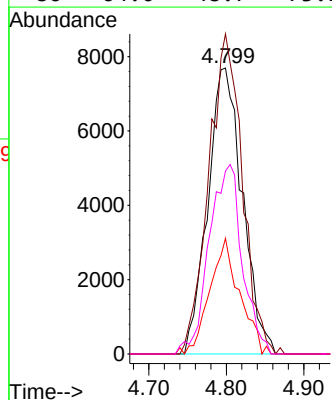
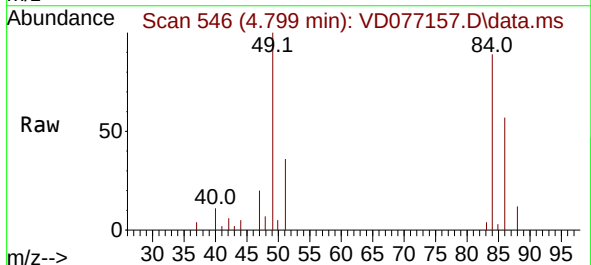
Instrument :
MSVOA_D
ClientSampleId :
B103-05(6.5-7)RE

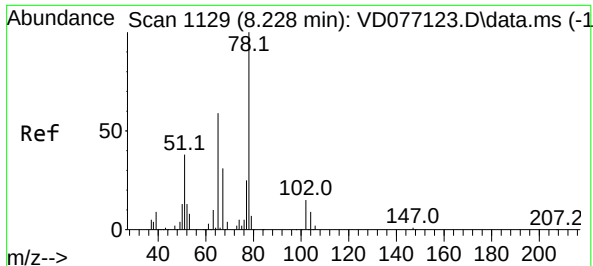
Tgt Ion: 76 Resp: 216846
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#20
Methylene Chloride
Concen: 10.243 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD077157.D
Acq: 19 Sep 2023 20:16

Tgt Ion: 84 Resp: 23899
Ion Ratio Lower Upper
84 100
49 111.9 71.4 107.2#
51 40.5 24.5 36.7#
86 64.0 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 60.862 ug/l

RT: 8.222 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VD077157.D

Acq: 19 Sep 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :

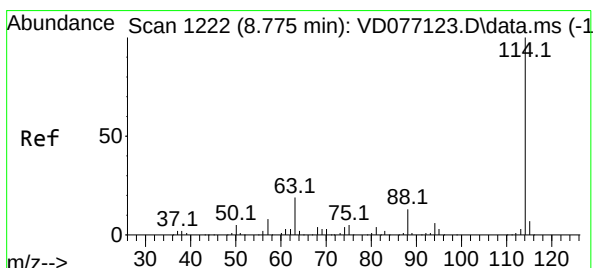
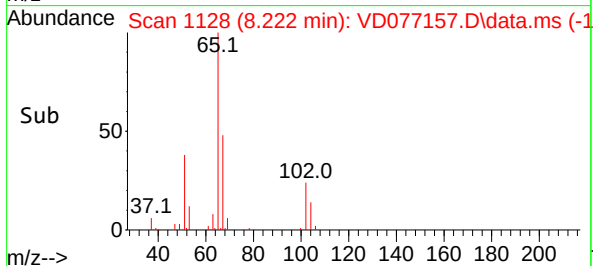
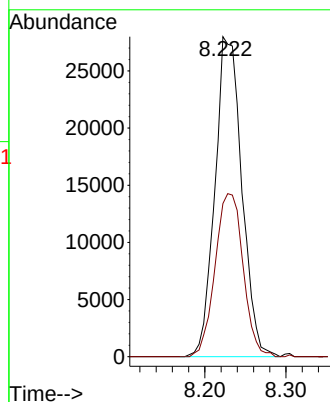
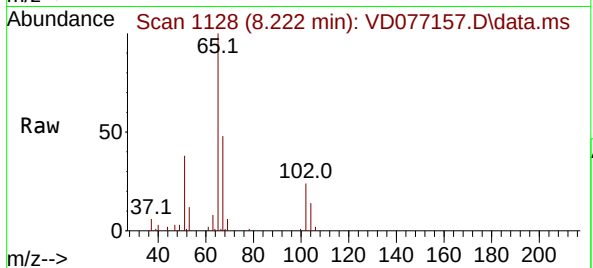
B103-05(6.5-7)RE

Tgt Ion: 65 Resp: 64435

Ion Ratio Lower Upper

65 100

67 53.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077157.D

Acq: 19 Sep 2023 20:16

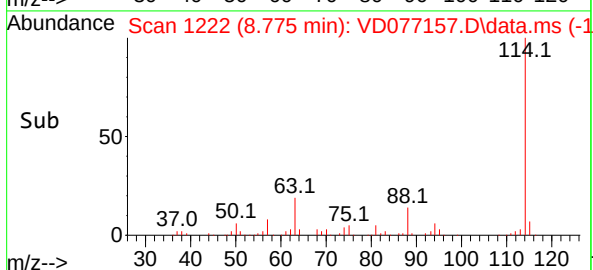
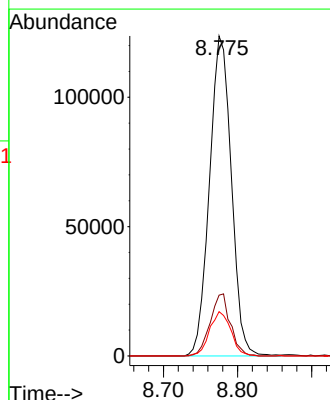
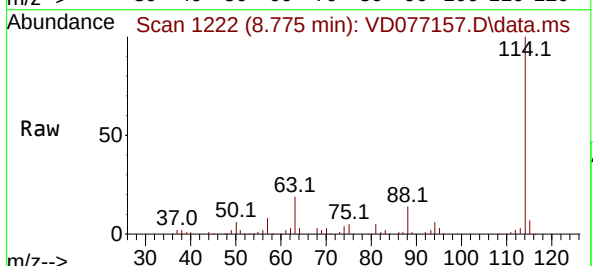
Tgt Ion: 114 Resp: 253488

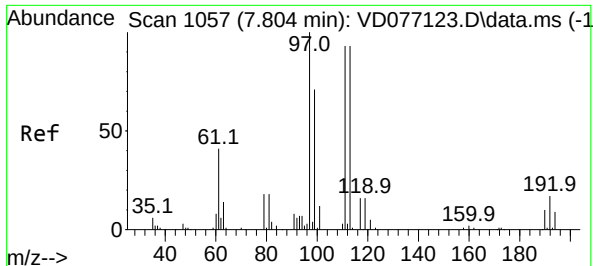
Ion Ratio Lower Upper

114 100

63 19.0 0.0 33.4

88 13.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 53.041 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077157.D

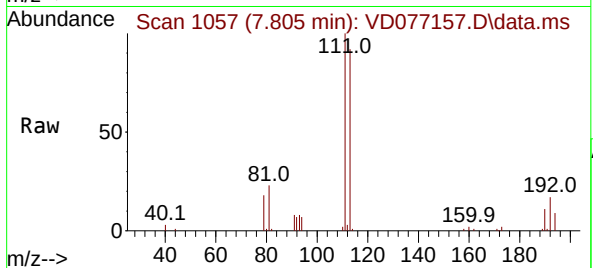
Acq: 19 Sep 2023 20:16

Instrument :

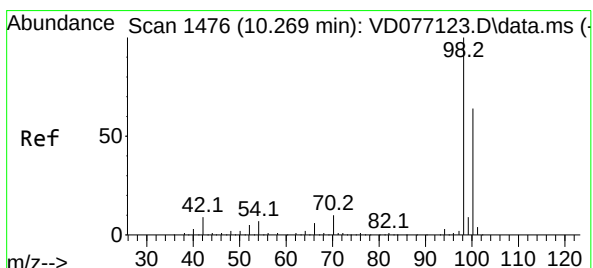
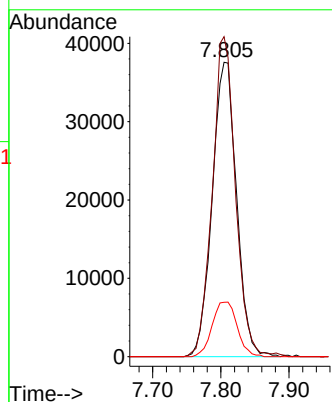
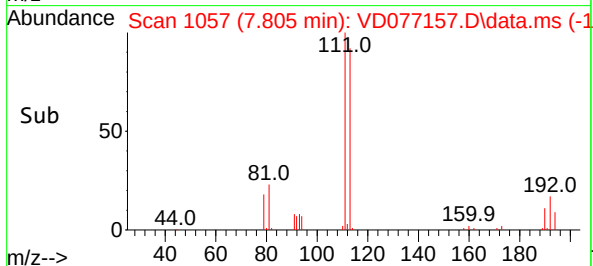
MSVOA_D

ClientSampleId :

B103-05(6.5-7)RE



Tgt Ion:	113	Resp:	93390
Ion Ratio	Lower	Upper	
113	100		
111	103.5	84.7	127.1
192	19.1	16.8	25.2



#50

Toluene-d8

Concen: 53.391 ug/l

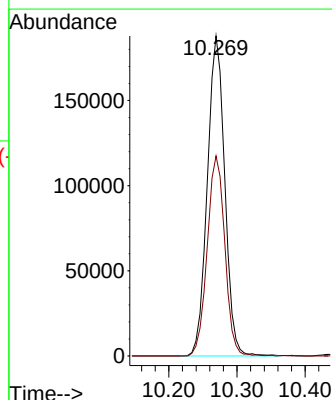
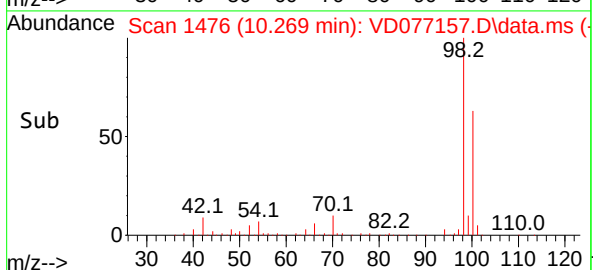
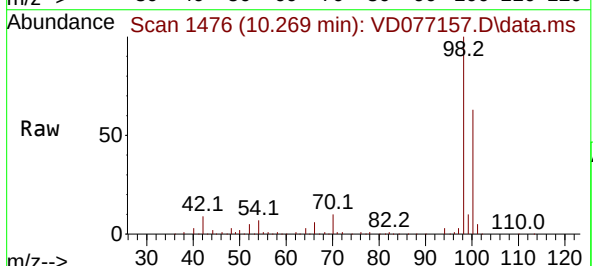
RT: 10.269 min Scan# 1476

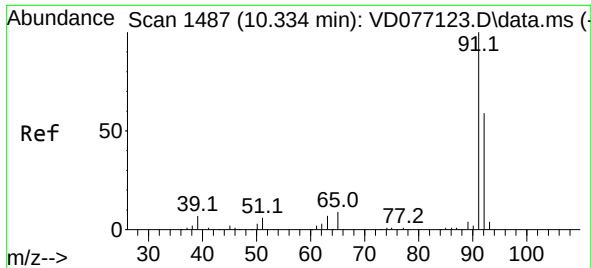
Delta R.T. 0.000 min

Lab File: VD077157.D

Acq: 19 Sep 2023 20:16

Tgt Ion:	98	Resp:	334604
Ion Ratio	Lower	Upper	
98	100		
100	63.1	50.3	75.5

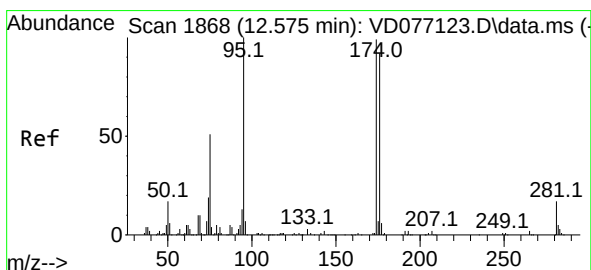
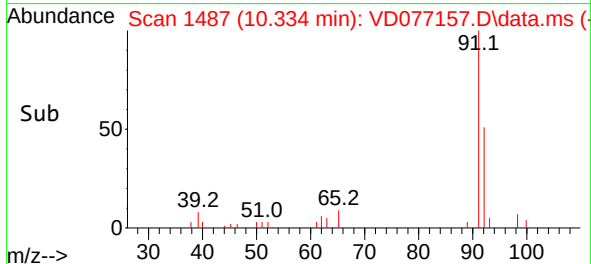
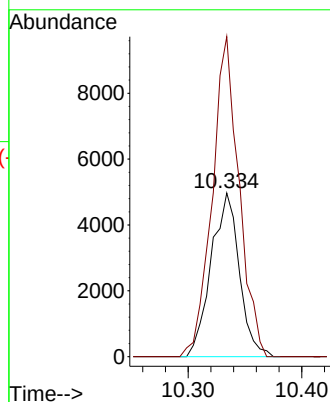
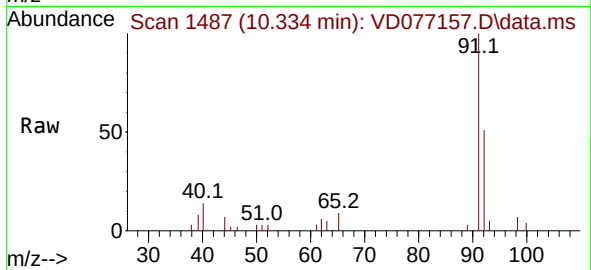




#52
Toluene
Concen: 1.632 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077157.D
Acq: 19 Sep 2023 20:16

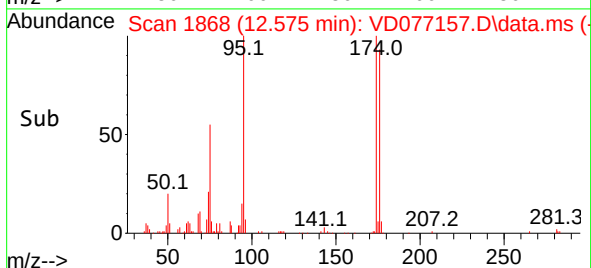
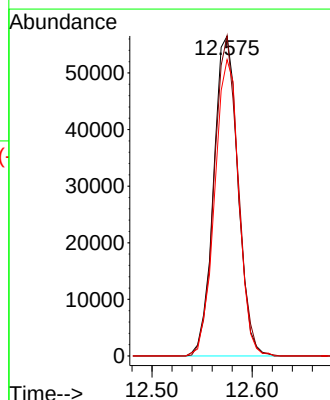
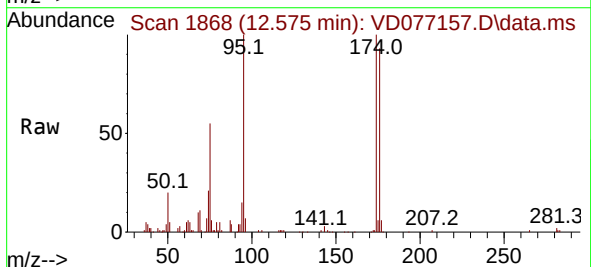
Instrument :
MSVOA_D
ClientSampleId :
B103-05(6.5-7)RE

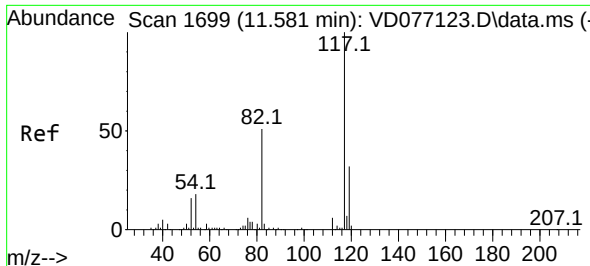
Tgt Ion: 92 Resp: 8564
Ion Ratio Lower Upper
92 100
91 186.1 143.0 214.4



#62
4-Bromofluorobenzene
Concen: 49.073 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077157.D
Acq: 19 Sep 2023 20:16

Tgt Ion: 95 Resp: 95321
Ion Ratio Lower Upper
95 100
174 97.7 0.0 201.8
176 91.9 0.0 191.8

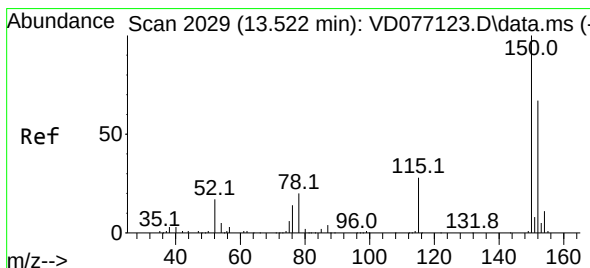
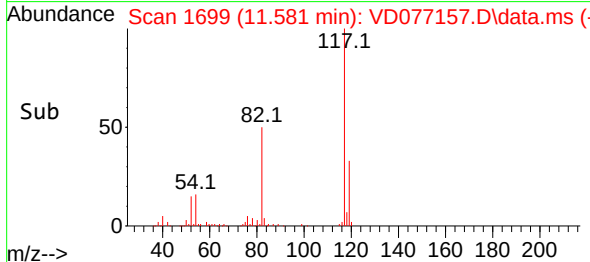
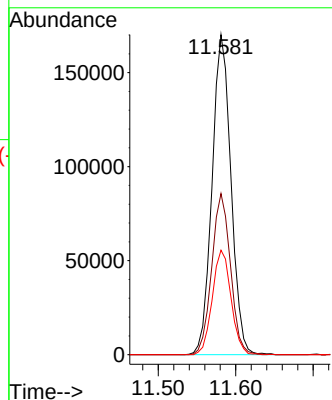
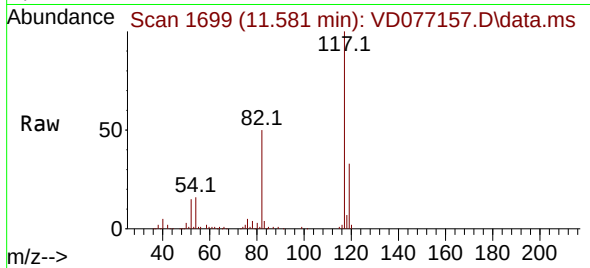




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD077157.D
Acq: 19 Sep 2023 20:16

Instrument :
MSVOA_D
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Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.3	38.3	57.5
119	32.6	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077157.D
Acq: 19 Sep 2023 20:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.1	81.3
150	156.4	0.0	353.6

