

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010224\
 Data File : VD078123.D
 Acq On : 02 Jan 2024 16:24
 Operator : RP/MD
 Sample : 06039-01
 Misc : 5.44G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EC48-NORTH

Quant Time: Jan 03 00:07:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

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

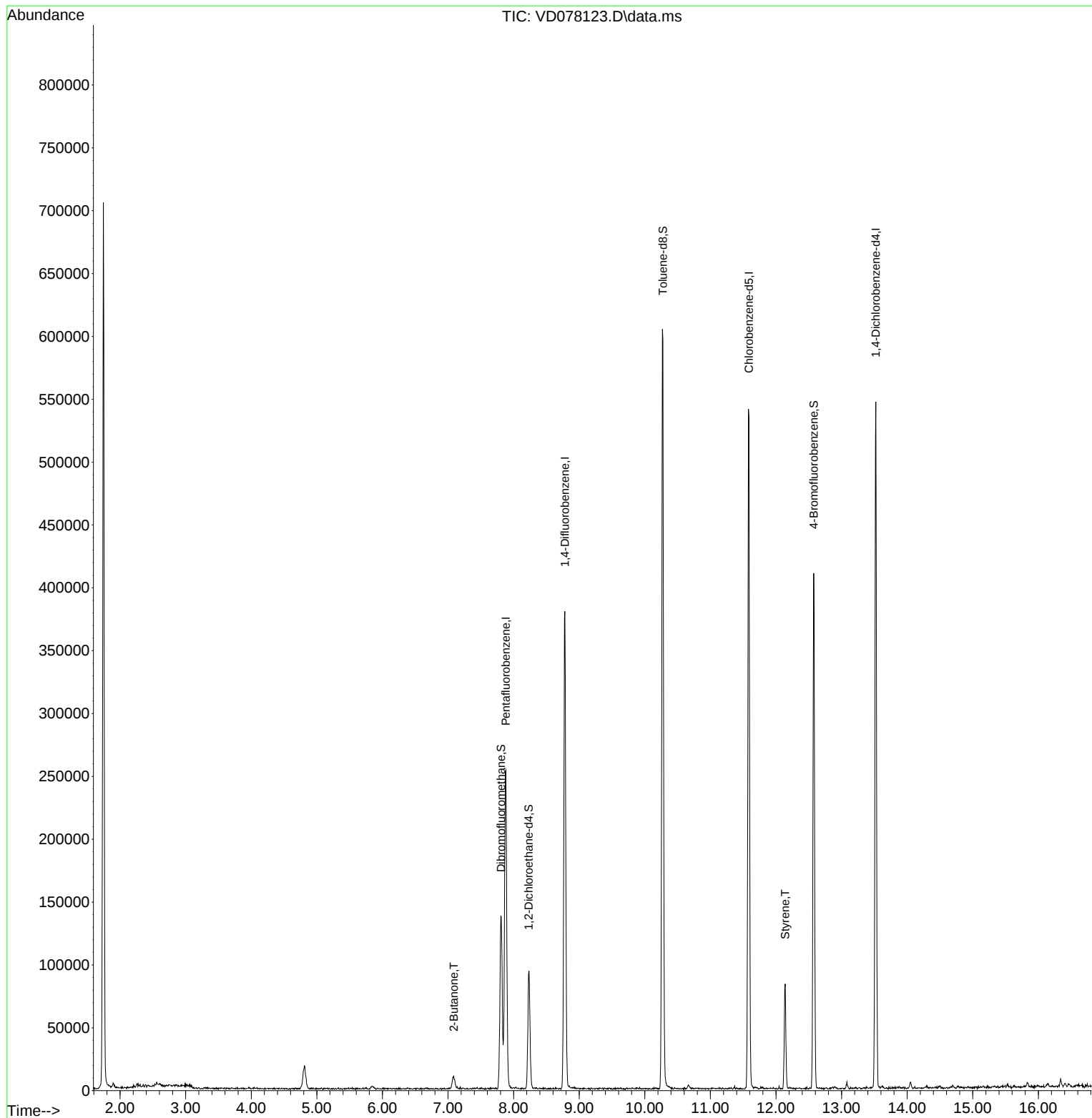
Internal Standards						
1) Pentafluorobenzene	7.881	168	214952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	356055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	334095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	153585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72541	37.928	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.860%
35) Dibromofluoromethane	7.811	113	103142	45.021	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.040%
50) Toluene-d8	10.275	98	439641	54.538	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.080%
62) 4-Bromofluorobenzene	12.575	95	125446	48.365	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.720%
Target Compounds						
					Qvalue	
25) 2-Butanone	7.087	43	16610	21.340	ug/l #	84
70) Styrene	12.140	104	43760	6.603	ug/l	97

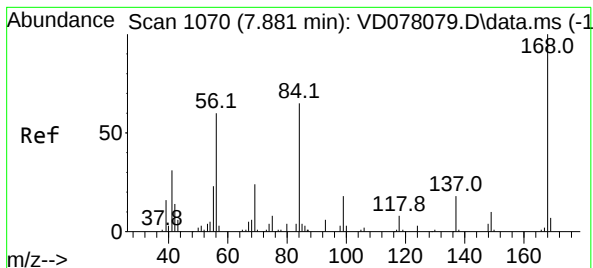
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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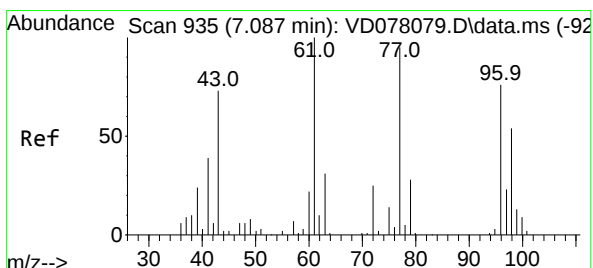
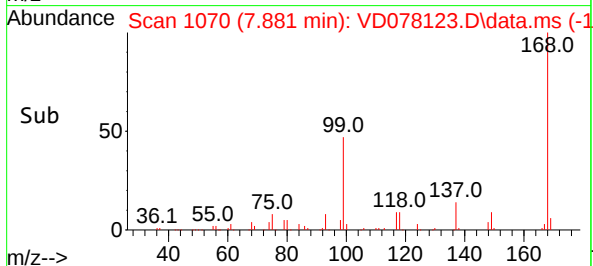
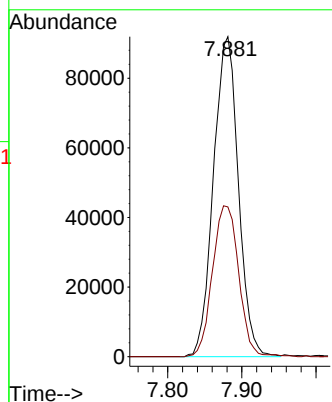
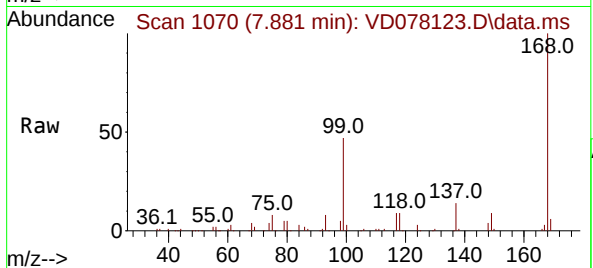




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078123.D
Acq: 02 Jan 2024 16:24

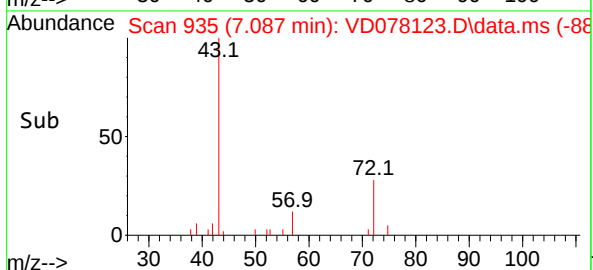
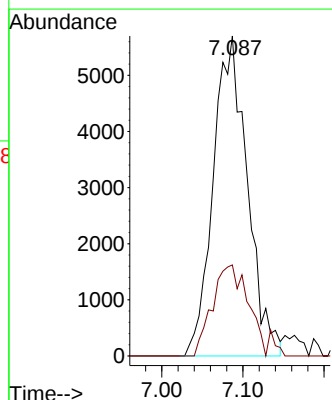
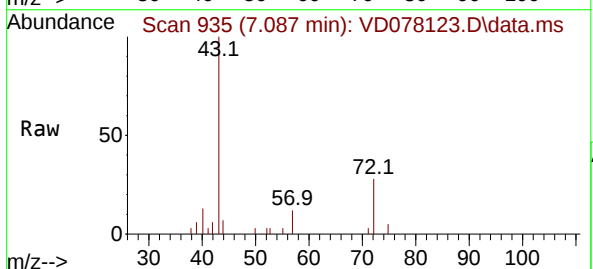
Instrument :
MSVOA_D
ClientSampleId :
EC48-NORTH

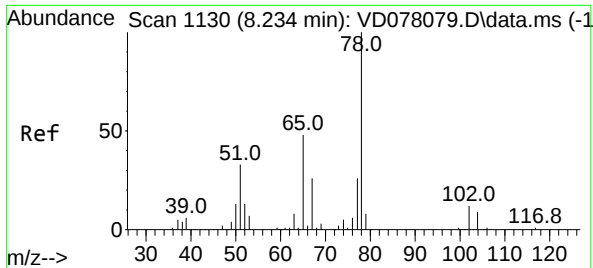
Tgt Ion:168 Resp: 214952
Ion Ratio Lower Upper
168 100
99 46.8 36.7 55.1



#25
2-Butanone
Concen: 21.340 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.000 min
Lab File: VD078123.D
Acq: 02 Jan 2024 16:24

Tgt Ion: 43 Resp: 16610
Ion Ratio Lower Upper
43 100
72 28.5 30.7 46.1#





#33

1,2-Dichloroethane-d4

Concen: 37.928 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.005 min

Lab File: VD078123.D

Acq: 02 Jan 2024 16:24

Instrument :

MSVOA_D

ClientSampleId :

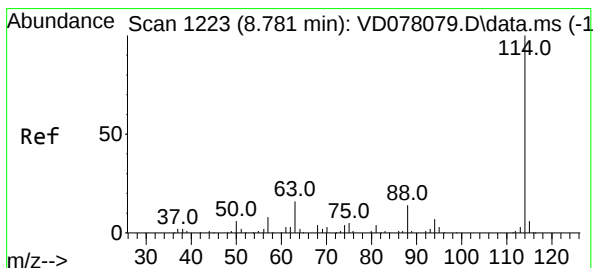
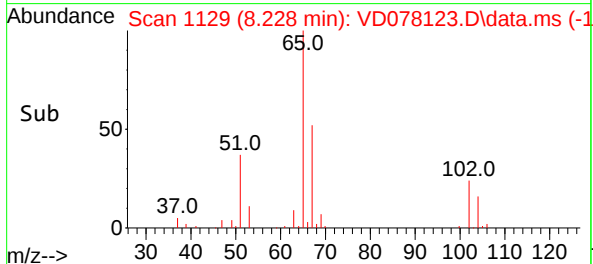
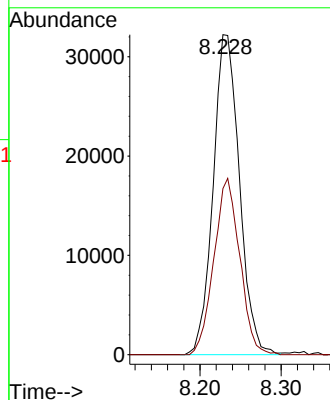
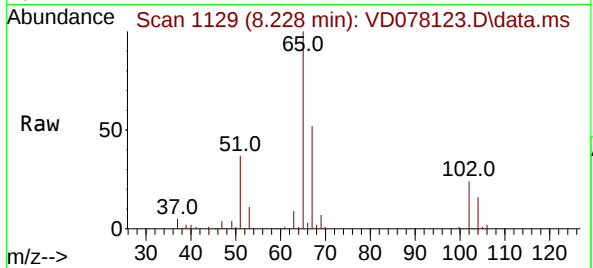
EC48-NORTH

Tgt Ion: 65 Resp: 72541

Ion Ratio Lower Upper

65 100

67 54.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078123.D

Acq: 02 Jan 2024 16:24

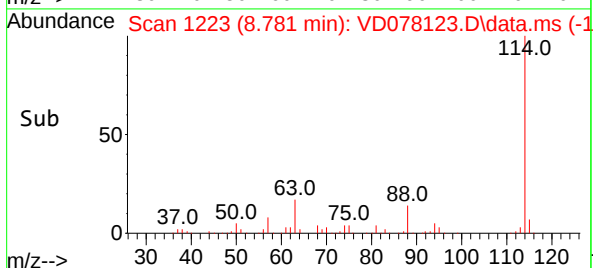
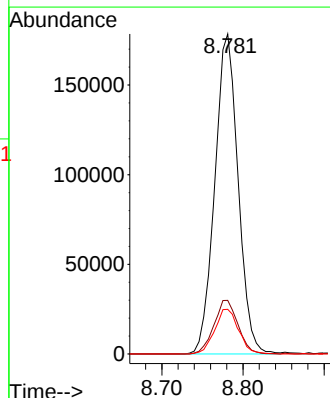
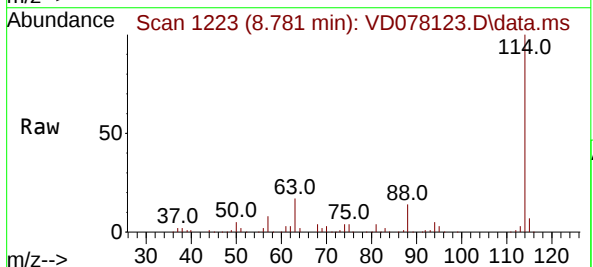
Tgt Ion:114 Resp: 356055

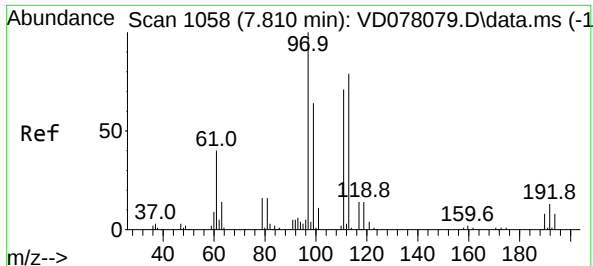
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 14.0 0.0 26.2



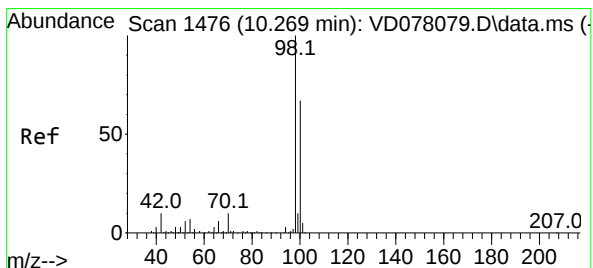
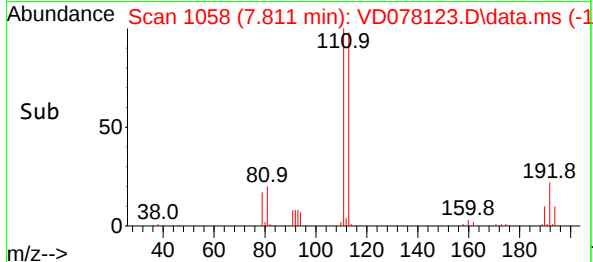
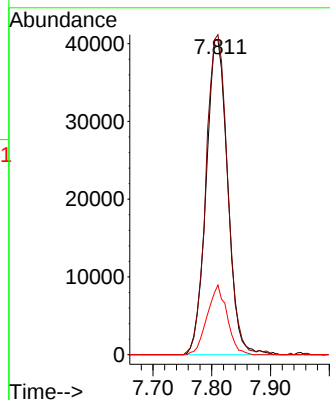
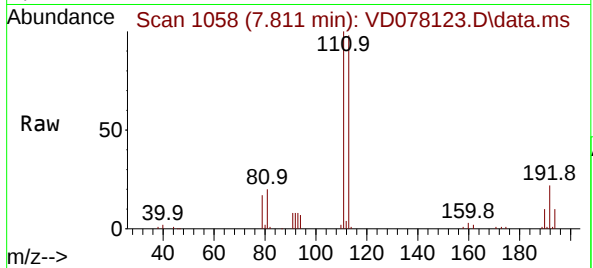


#35
 Dibromofluoromethane
 Concen: 45.021 ug/l
 RT: 7.811 min Scan# 1058
 Delta R.T. 0.000 min
 Lab File: VD078123.D
 Acq: 02 Jan 2024 16:24

Instrument :
 MSVOA_D
 ClientSampleId :
 EC48-NORTH

Tgt Ion:113 Resp: 103142

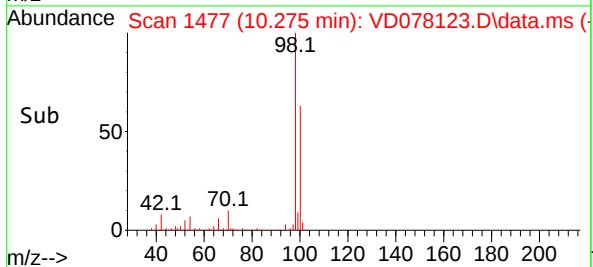
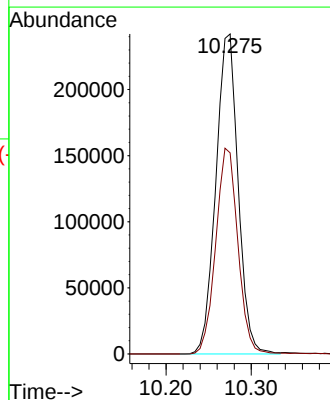
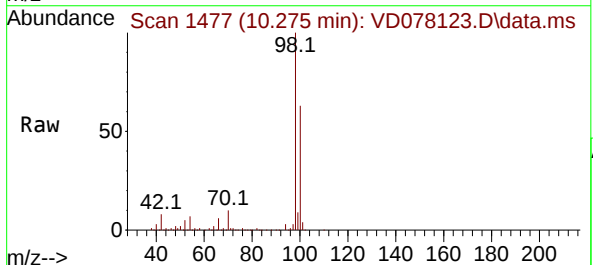
Ion	Ratio	Lower	Upper
113	100		
111	101.5	84.7	127.1
192	20.4	16.8	25.2

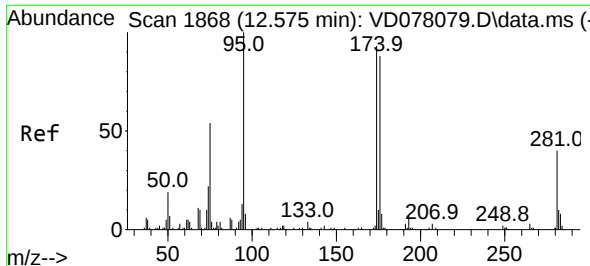


#50
 Toluene-d8
 Concen: 54.538 ug/l
 RT: 10.275 min Scan# 1477
 Delta R.T. 0.006 min
 Lab File: VD078123.D
 Acq: 02 Jan 2024 16:24

Tgt Ion: 98 Resp: 439641

Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.3	75.5

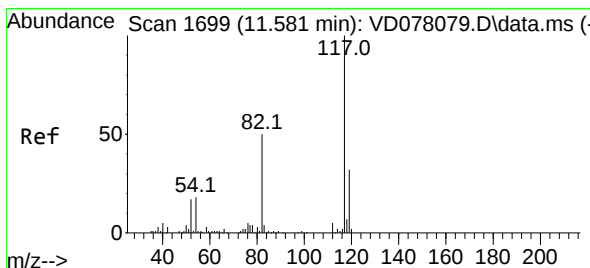
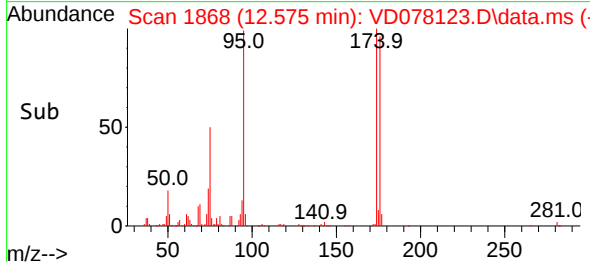
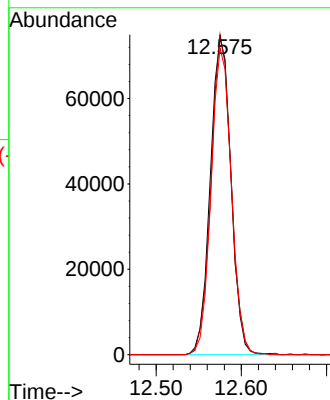
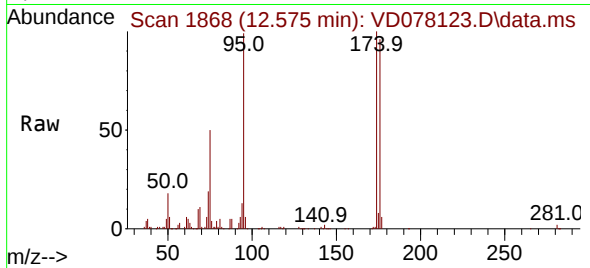




#62
4-Bromofluorobenzene
Concen: 48.365 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078123.D
Acq: 02 Jan 2024 16:24

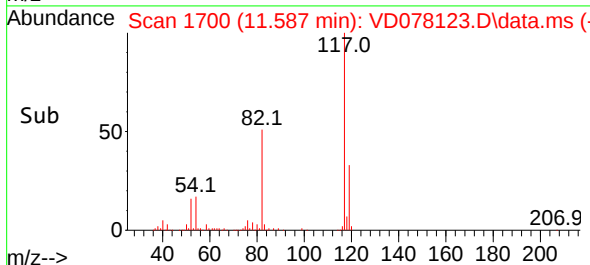
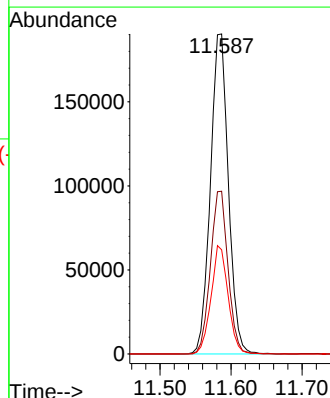
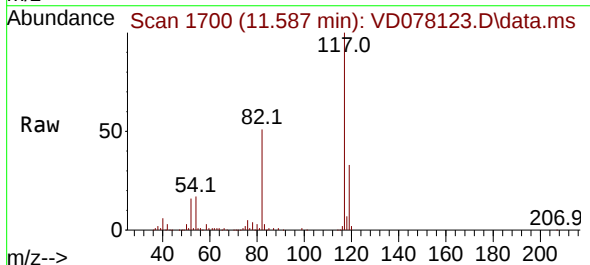
Instrument :
MSVOA_D
ClientSampleId :
EC48-NORTH

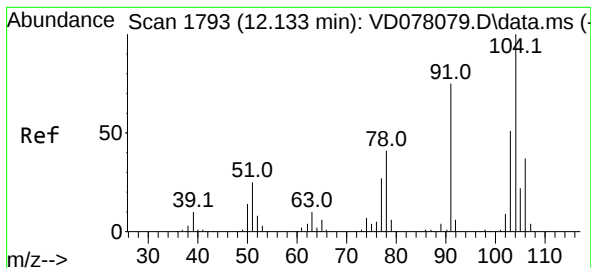
Tgt Ion: 95 Resp: 125446
Ion Ratio Lower Upper
95 100
174 97.1 0.0 201.8
176 94.4 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD078123.D
Acq: 02 Jan 2024 16:24

Tgt Ion: 117 Resp: 334095
Ion Ratio Lower Upper
117 100
82 50.9 38.3 57.5
119 32.6 25.0 37.4





#70

Styrene

Concen: 6.603 ug/l

RT: 12.140 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078123.D

Acq: 02 Jan 2024 16:24

Instrument :

MSVOA_D

ClientSampleId :

EC48-NORTH

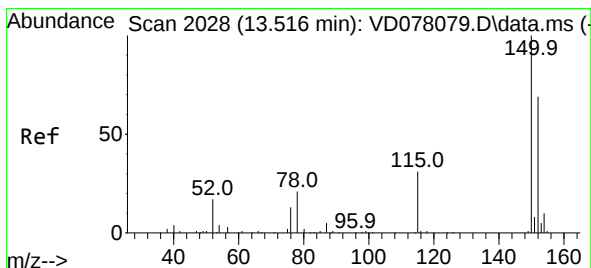
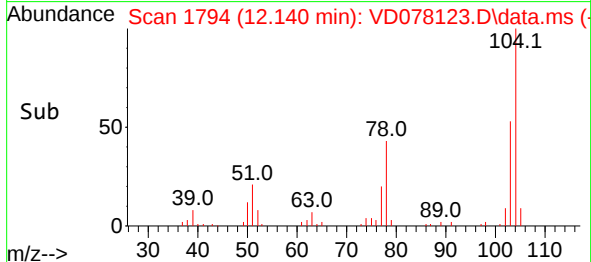
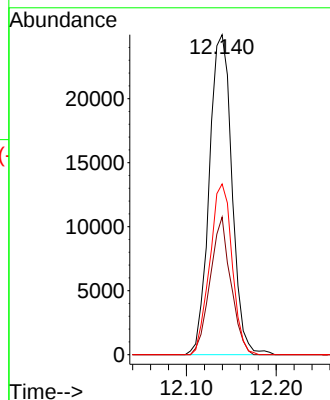
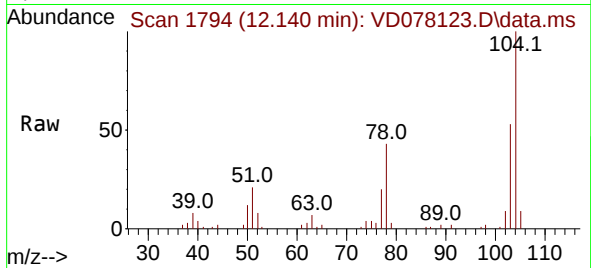
Tgt Ion:104 Resp: 43760

Ion Ratio Lower Upper

104 100

78 39.2 33.2 49.8

103 52.5 43.6 65.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD078123.D

Acq: 02 Jan 2024 16:24

Tgt Ion:152 Resp: 153585

Ion Ratio Lower Upper

152 100

115 54.7 27.1 81.3

150 157.0 0.0 353.6

