

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
 Data File : VD074635.D
 Acq On : 25 Oct 2022 16:21
 Operator : VA/SY
 Sample : N5267-19
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP7-1024

Quant Time: Oct 27 01:22:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

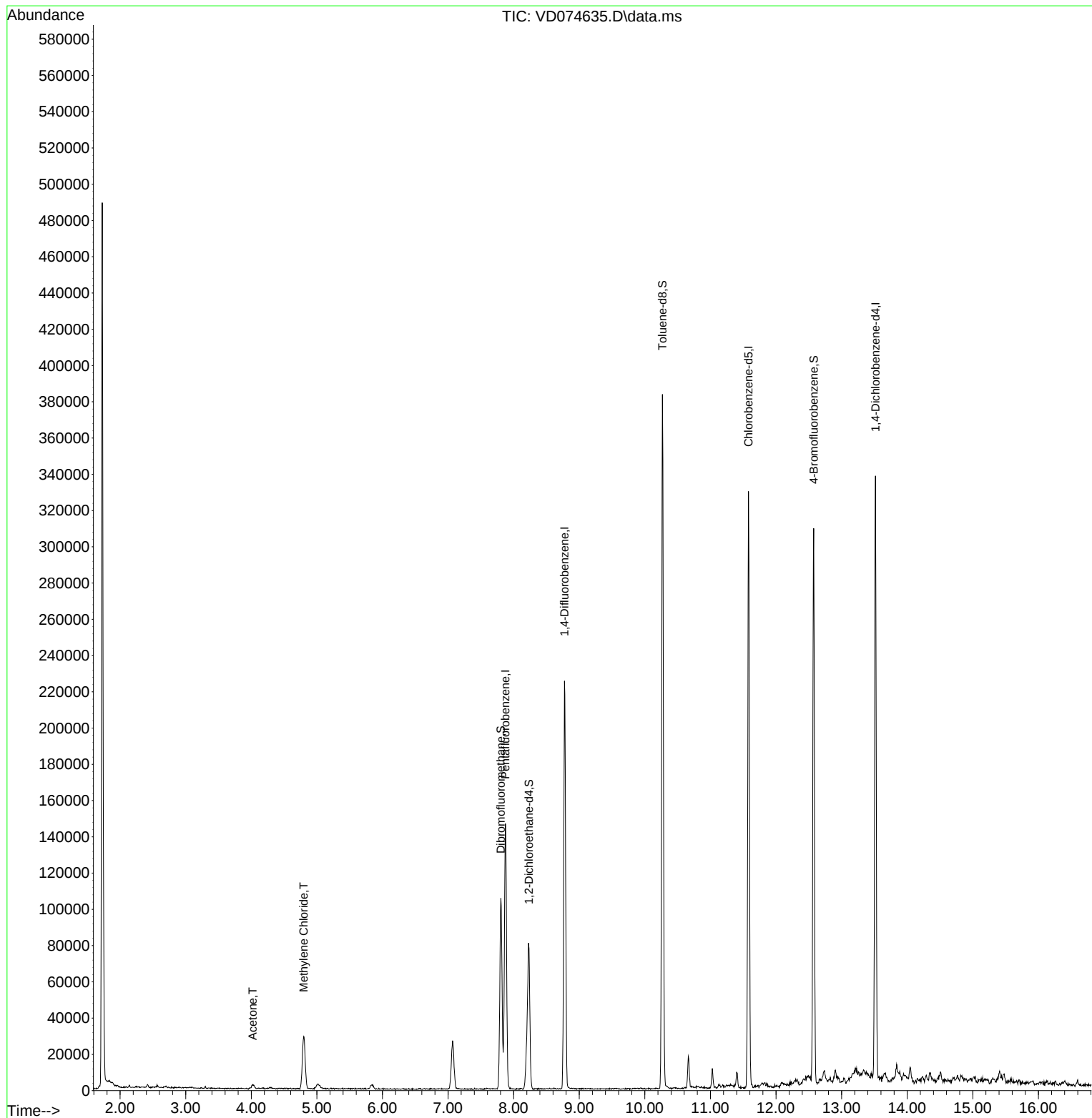
Internal Standards						
1) Pentafluorobenzene	7.875	168	122671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	216412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	203285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	58790	62.772	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.540%
35) Dibromofluoromethane	7.804	113	78659	65.955	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	131.900%
50) Toluene-d8	10.269	98	279047	64.422	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	128.840%
62) 4-Bromofluorobenzene	12.575	95	90771	73.764	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	147.520%#
Target Compounds						
						Qvalue
16) Acetone	4.022	43	4187	20.473	ug/l	91
20) Methylene Chloride	4.798	84	26428	8.426	ug/l	95

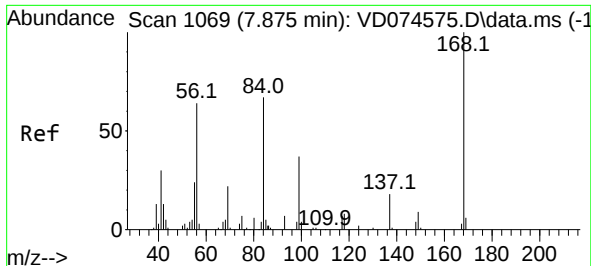
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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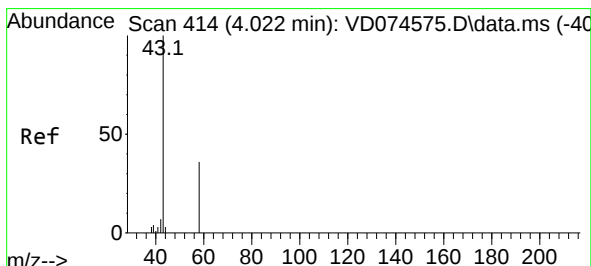
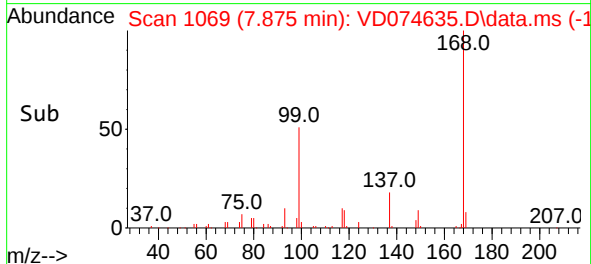
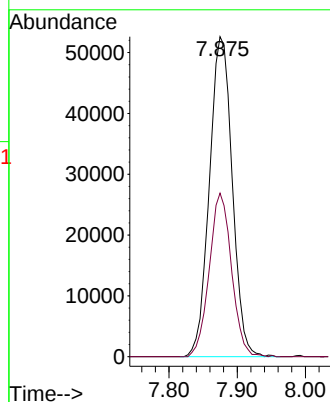
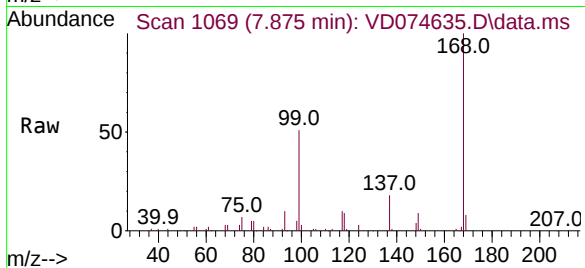




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074635.D
Acq: 25 Oct 2022 16:21

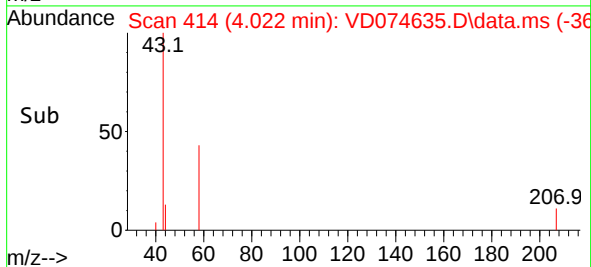
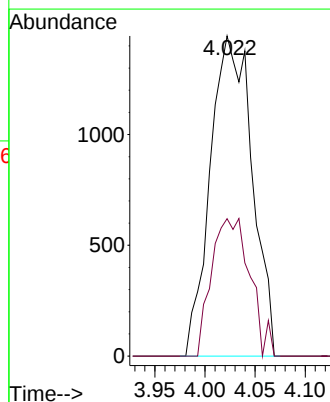
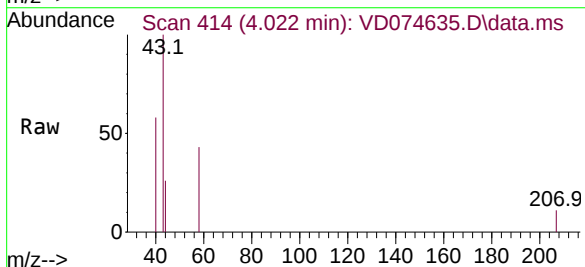
Instrument :
MSVOA_D
ClientSampleId :
TP7-1024

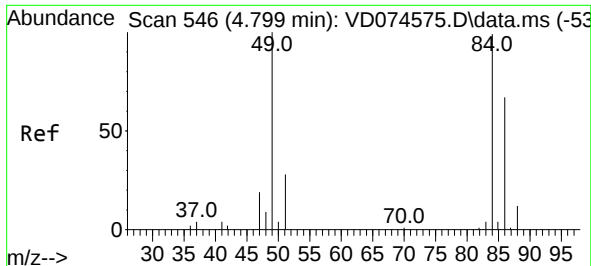
Tgt Ion:168 Resp: 122671
Ion Ratio Lower Upper
168 100
99 51.1 40.9 61.3



#16
Acetone
Concen: 20.473 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074635.D
Acq: 25 Oct 2022 16:21

Tgt Ion: 43 Resp: 4187
Ion Ratio Lower Upper
43 100
58 42.9 30.2 45.2

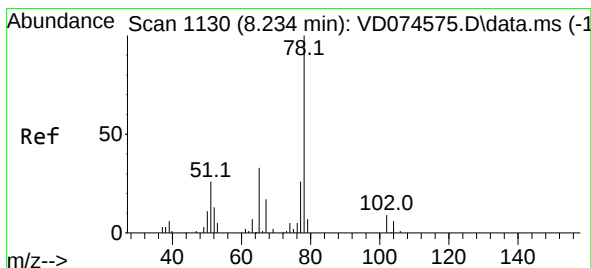
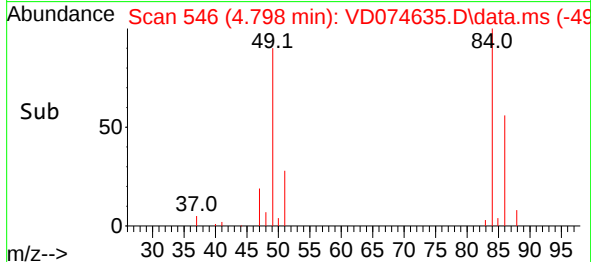
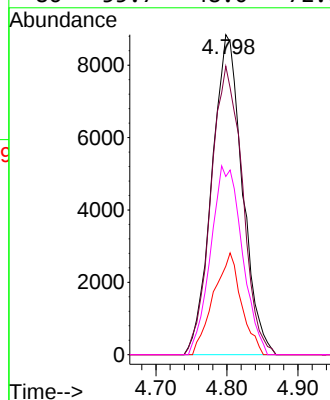
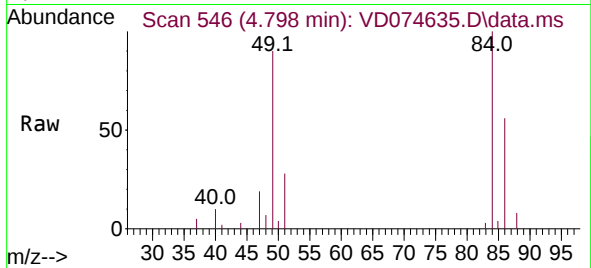




#20
Methylene Chloride
Concen: 8.426 ug/l
RT: 4.798 min Scan# 54
Delta R.T. -0.001 min
Lab File: VD074635.D
Acq: 25 Oct 2022 16:21

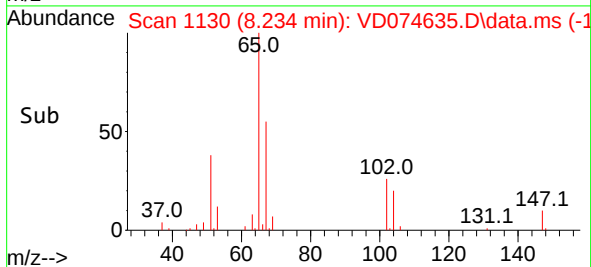
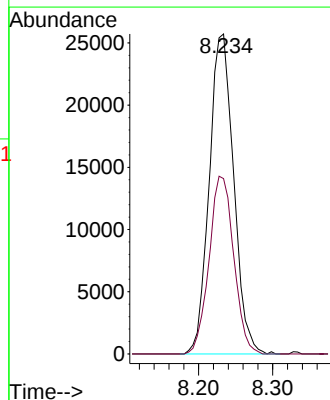
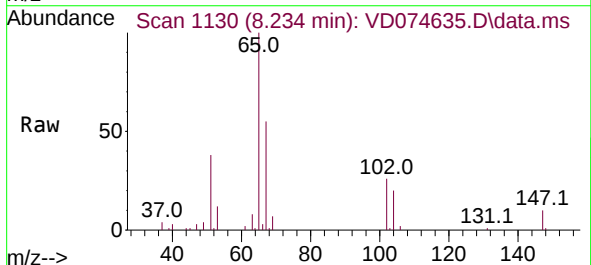
Instrument :
MSVOA_D
ClientSampleId :
TP7-1024

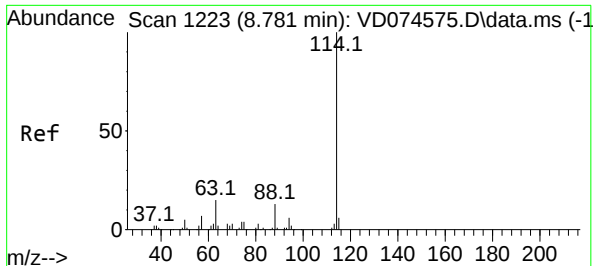
Tgt Ion:	84	Resp:	26428
Ion	Ratio	Lower	Upper
84	100		
49	90.2	68.0	102.0
51	27.7	23.2	34.8
86	55.7	48.0	72.0



#33
1,2-Dichloroethane-d4
Concen: 62.772 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074635.D
Acq: 25 Oct 2022 16:21

Tgt Ion:	65	Resp:	58790
Ion	Ratio	Lower	Upper
65	100		
67	56.1	0.0	110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074635.D

Acq: 25 Oct 2022 16:21

Instrument :

MSVOA_D

ClientSampleId :

TP7-1024

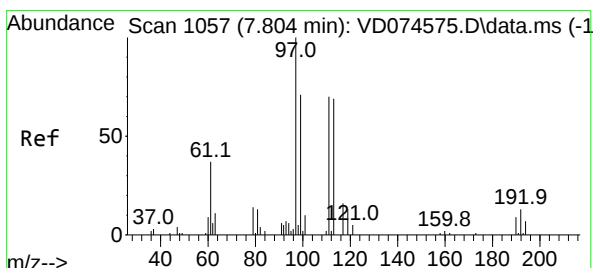
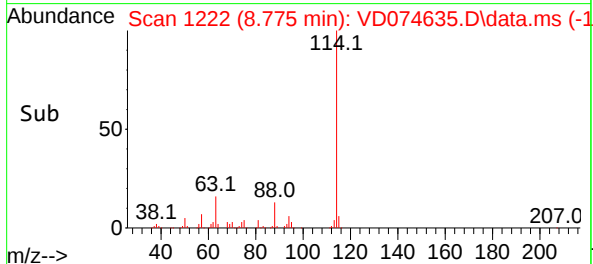
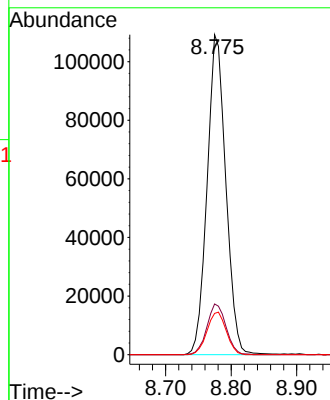
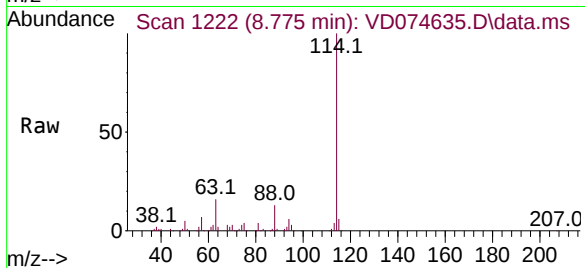
Tgt Ion:114 Resp: 216412

Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.2

88 12.9 0.0 28.2



#35

Dibromofluoromethane

Concen: 65.955 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074635.D

Acq: 25 Oct 2022 16:21

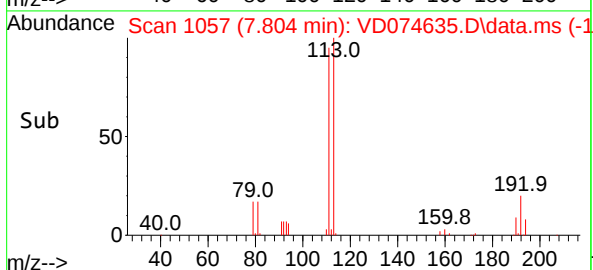
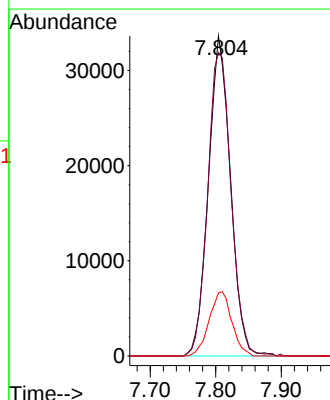
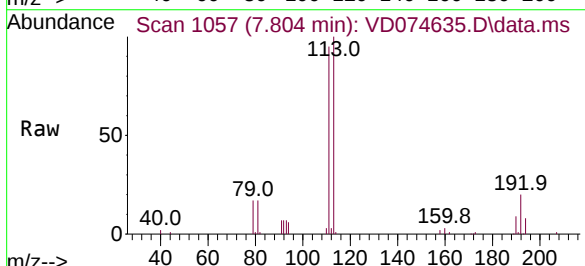
Tgt Ion:113 Resp: 78659

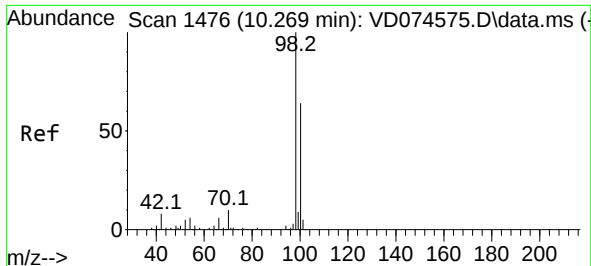
Ion Ratio Lower Upper

113 100

111 100.5 82.3 123.5

192 20.6 16.4 24.6

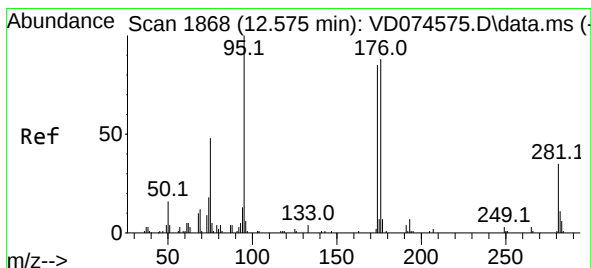
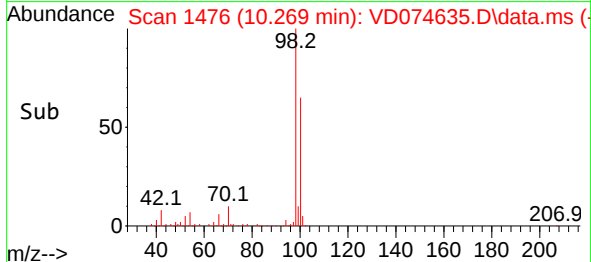
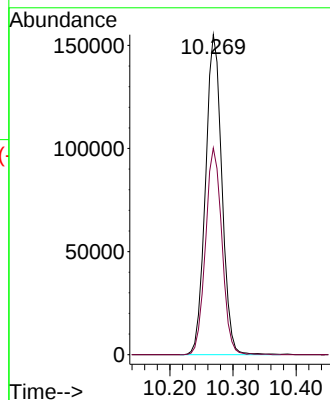
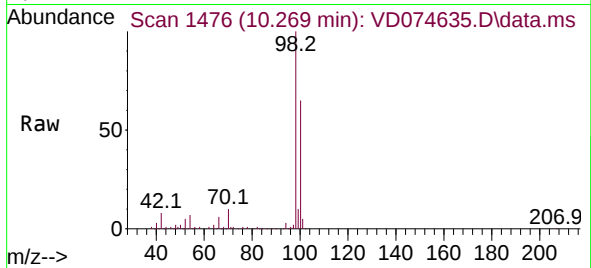




#50
Toluene-d8
Concen: 64.422 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074635.D
Acq: 25 Oct 2022 16:21

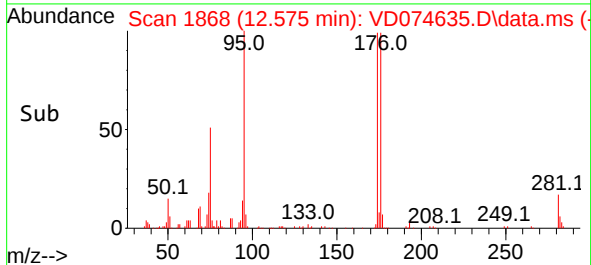
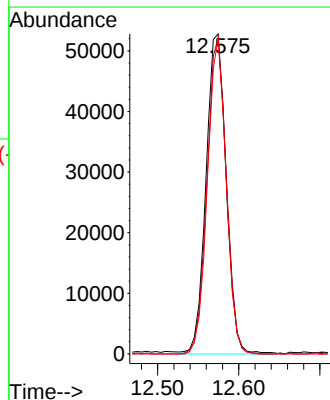
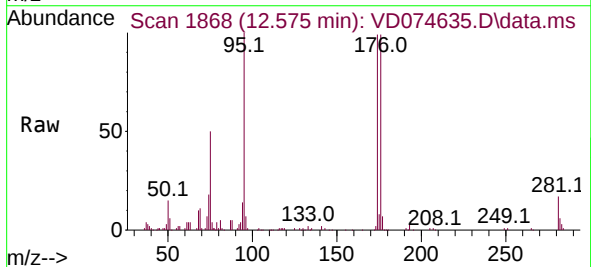
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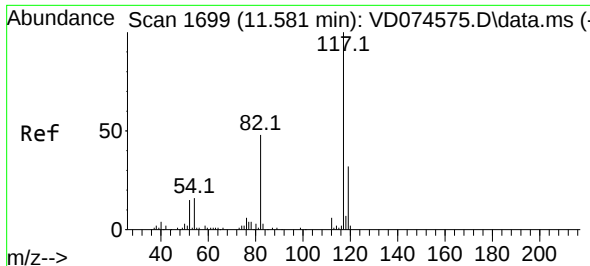
Tgt Ion: 98 Resp: 279047
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 73.764 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.005 min
Lab File: VD074635.D
Acq: 25 Oct 2022 16:21

Tgt Ion: 95 Resp: 90771
Ion Ratio Lower Upper
95 100
174 95.1 0.0 197.0
176 91.6 0.0 182.6

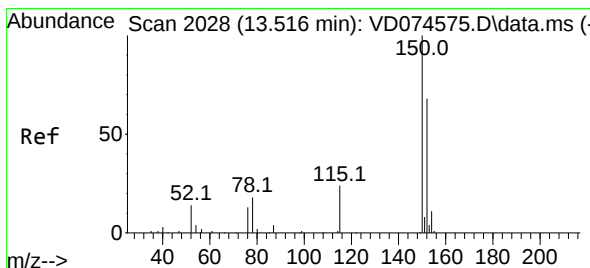
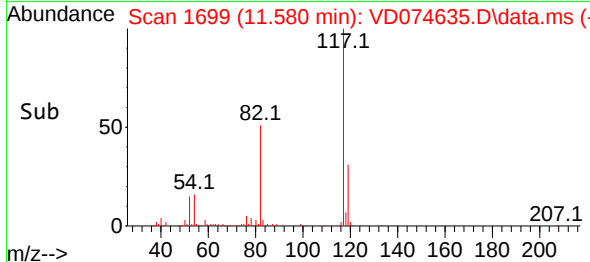
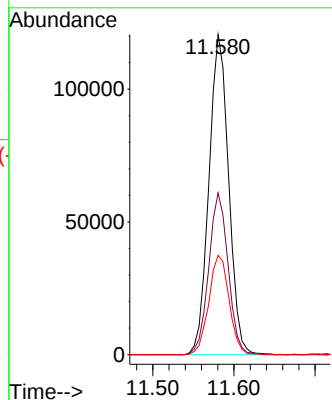
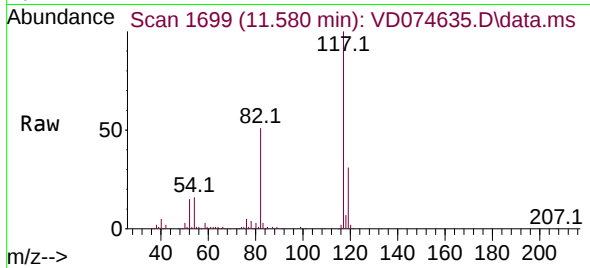




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 117
Delta R.T. -0.001 min
Lab File: VD074635.D
Acq: 25 Oct 2022 16:21

Instrument :
MSVOA_D
ClientSampleId :
TP7-1024

Tgt Ion:117 Resp: 203285
Ion Ratio Lower Upper
117 100
82 50.6 41.6 62.4
119 31.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074635.D
Acq: 25 Oct 2022 16:21

Tgt Ion:152 Resp: 95841
Ion Ratio Lower Upper
152 100
115 56.5 26.8 80.4
150 158.3 0.0 348.2

