

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091322\
 Data File : VD074274.D
 Acq On : 13 Sep 2022 19:11
 Operator : VA/SY
 Sample : N4573-02
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11998

Quant Time: Sep 14 01:58:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

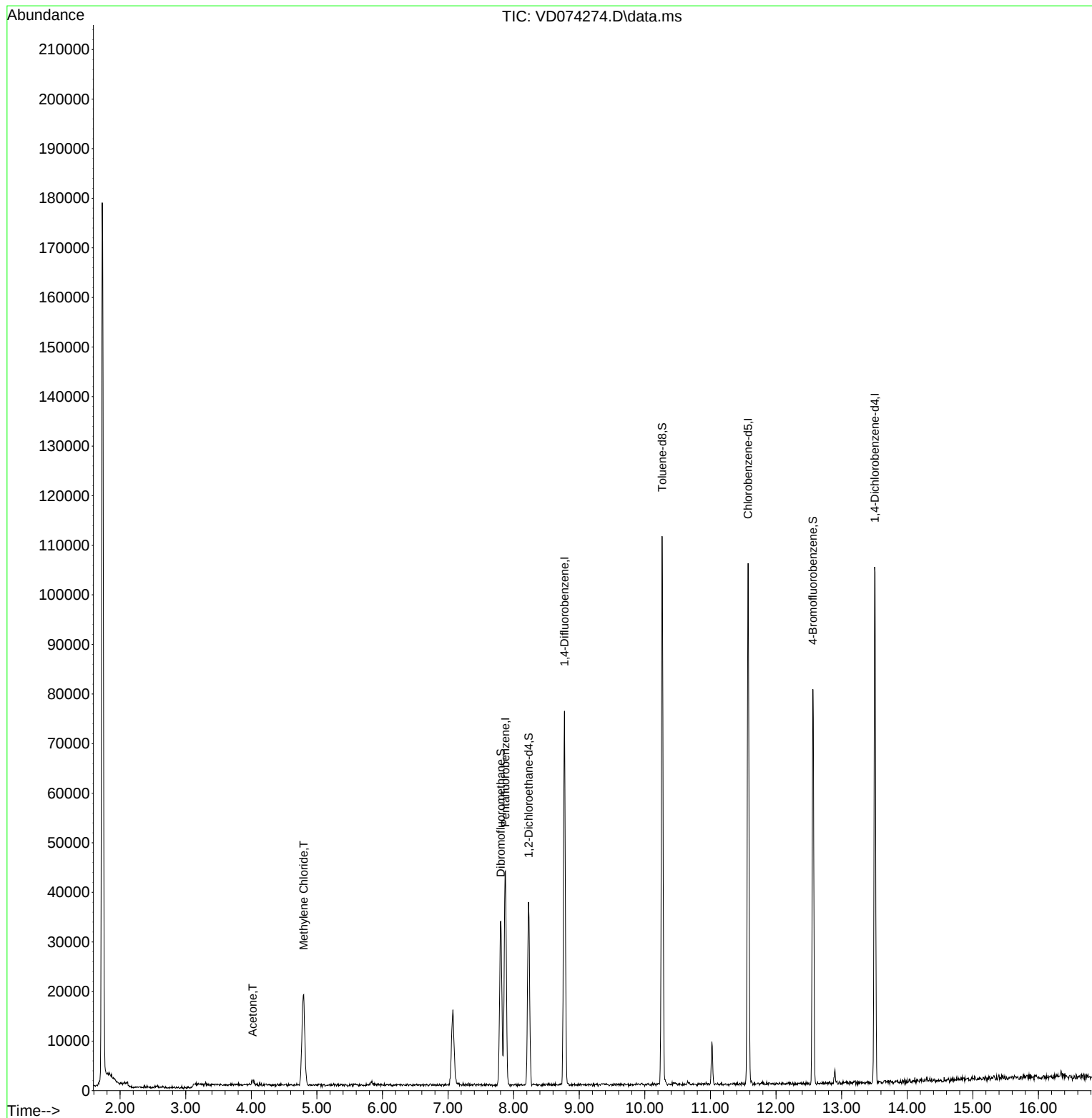
Internal Standards						
1) Pentafluorobenzene	7.875	168	36129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	65687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	60956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	29170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	28751	78.056	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	156.120%
35) Dibromofluoromethane	7.804	113	24572	56.315	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.620%
50) Toluene-d8	10.263	98	76297	47.384	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.760%
62) 4-Bromofluorobenzene	12.563	95	26012	45.654	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.300%
Target Compounds						
						Qvalue
16) Acetone	4.022	43	1533	20.163	ug/l	# 79
20) Methylene Chloride	4.799	84	14702	29.230	ug/l	95

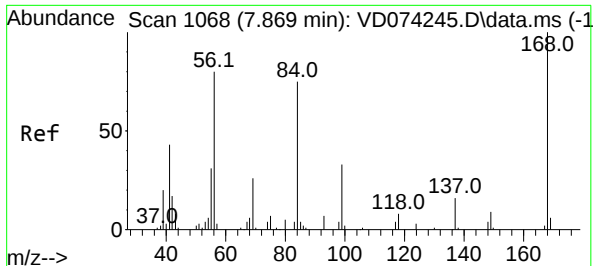
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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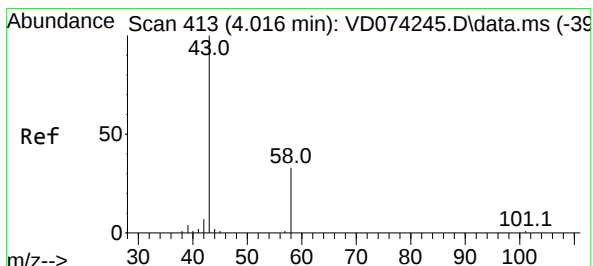
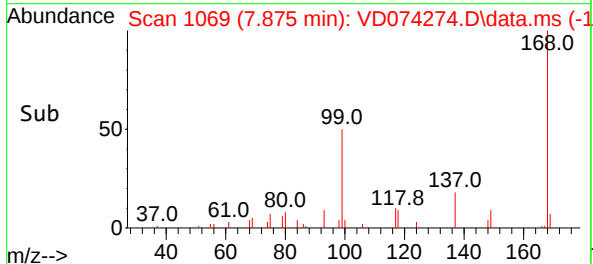
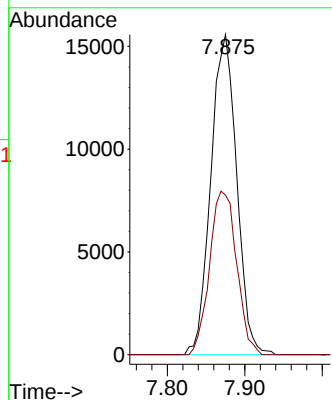
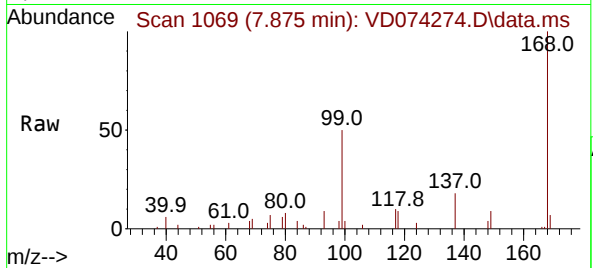




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074274.D
Acq: 13 Sep 2022 19:11

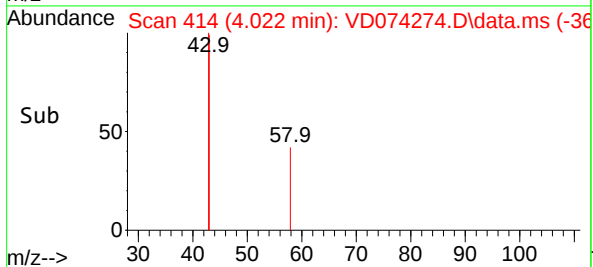
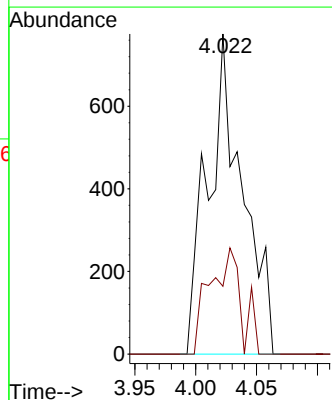
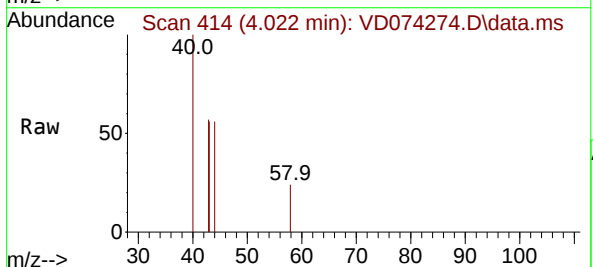
Instrument :
MSVOA_D
ClientSampleId :
72-11998

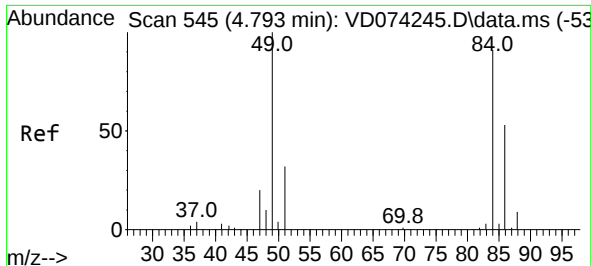
Tgt Ion:168 Resp: 36129
Ion Ratio Lower Upper
168 100
99 49.8 43.0 64.6



#16
Acetone
Concen: 20.163 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD074274.D
Acq: 13 Sep 2022 19:11

Tgt Ion: 43 Resp: 1533
Ion Ratio Lower Upper
43 100
58 21.2 26.4 39.6#





#20

Methylene Chloride

Concen: 29.230 ug/l

RT: 4.799 min Scan# 545

Delta R.T. 0.006 min

Lab File: VD074274.D

Acq: 13 Sep 2022 19:11

Instrument :

MSVOA_D

ClientSampleId :

72-11998

Tgt Ion: 84 Resp: 14702

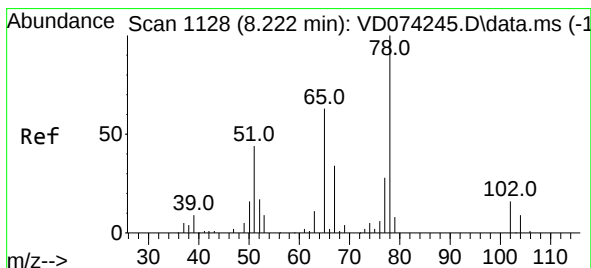
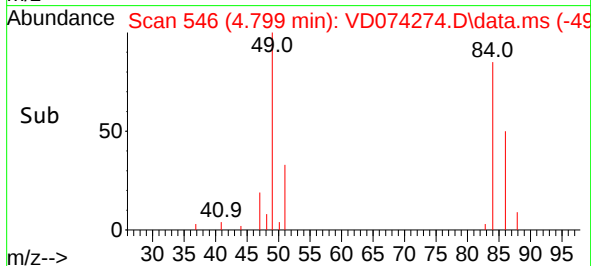
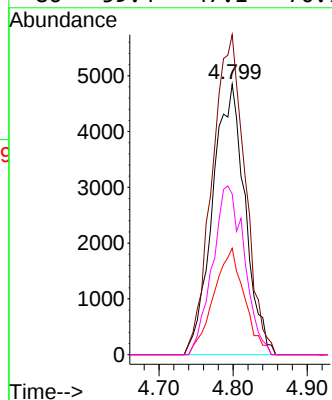
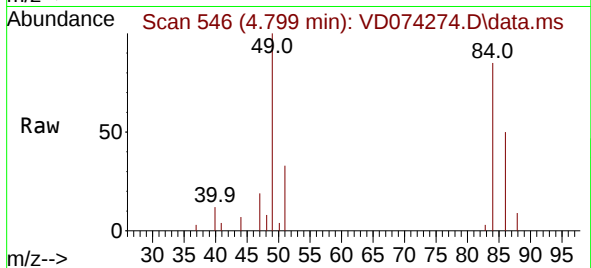
Ion Ratio Lower Upper

84 100

49 118.3 88.4 132.6

51 39.3 28.0 42.0

86 59.4 47.1 70.7



#33

1,2-Dichloroethane-d4

Concen: 78.056 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD074274.D

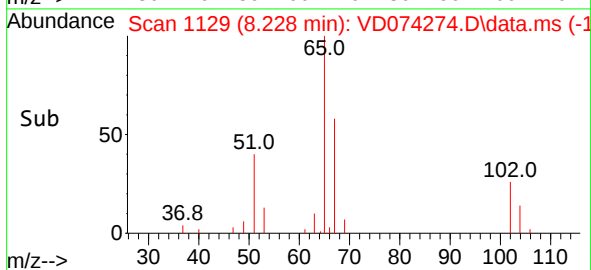
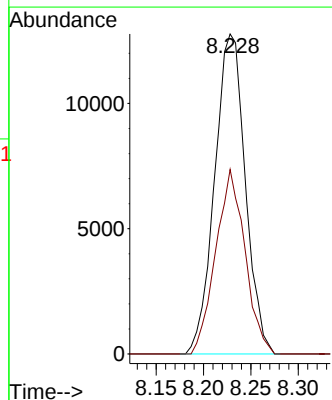
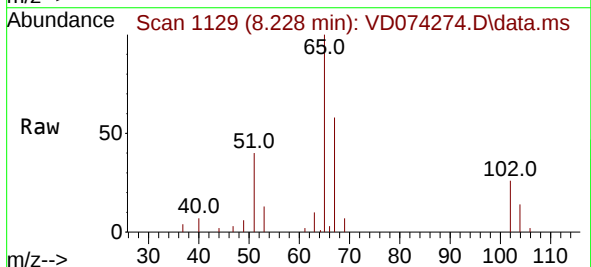
Acq: 13 Sep 2022 19:11

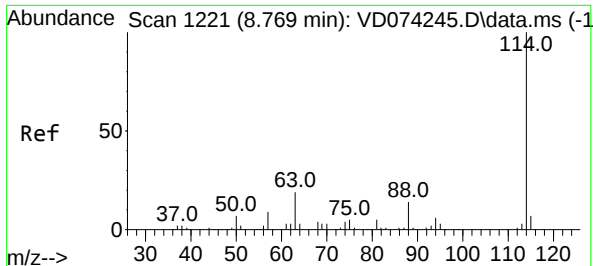
Tgt Ion: 65 Resp: 28751

Ion Ratio Lower Upper

65 100

67 55.0 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074274.D

Acq: 13 Sep 2022 19:11

Instrument :

MSVOA_D

ClientSampleId :

72-11998

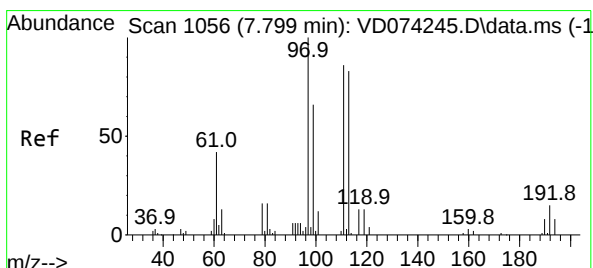
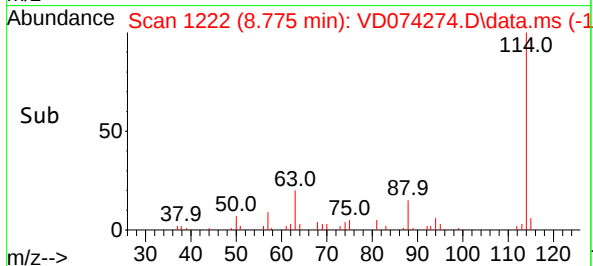
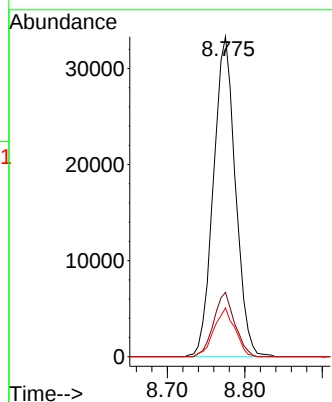
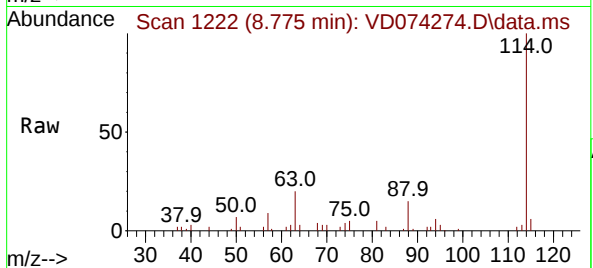
Tgt Ion:114 Resp: 65687

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.6

88 15.3 0.0 28.4



#35

Dibromofluoromethane

Concen: 56.315 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD074274.D

Acq: 13 Sep 2022 19:11

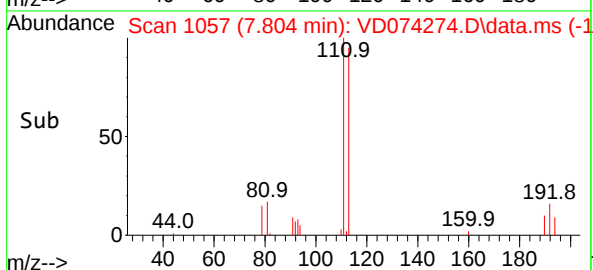
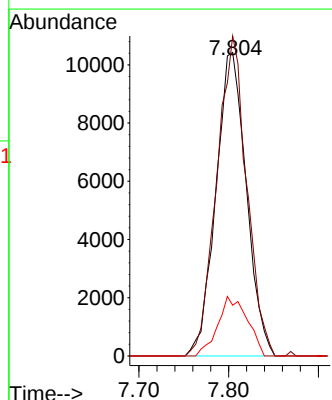
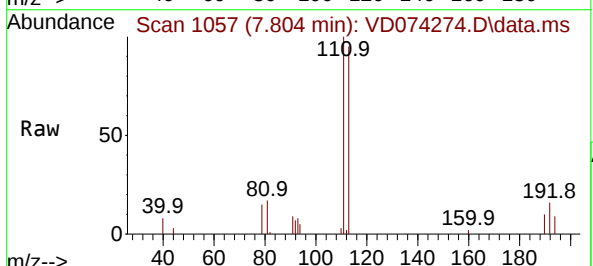
Tgt Ion:113 Resp: 24572

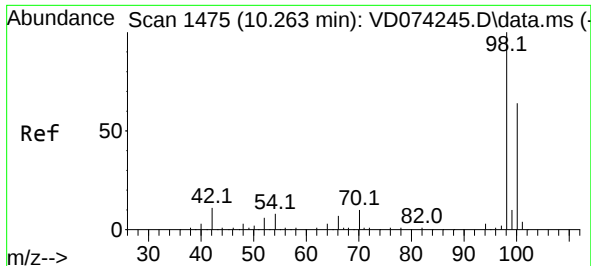
Ion Ratio Lower Upper

113 100

111 103.5 83.0 124.6

192 18.9 16.2 24.2

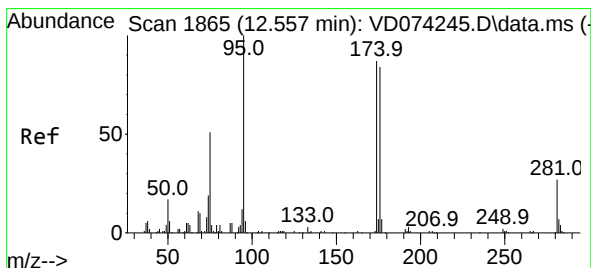
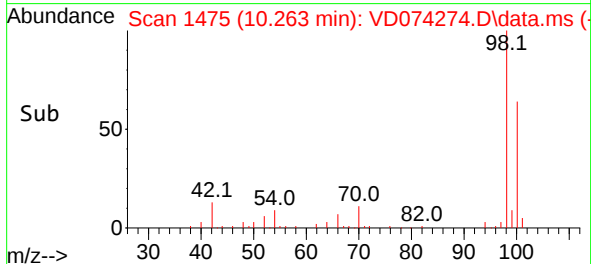
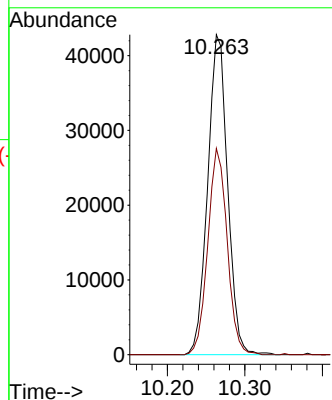
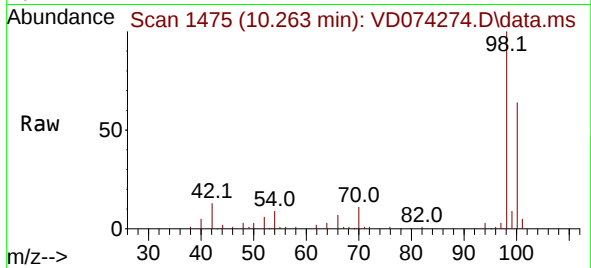




#50
Toluene-d8
Concen: 47.384 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VD074274.D
Acq: 13 Sep 2022 19:11

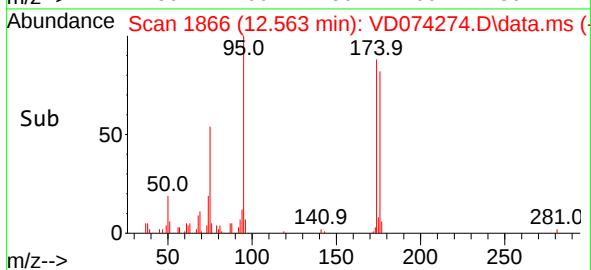
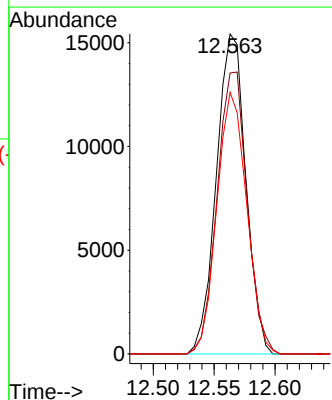
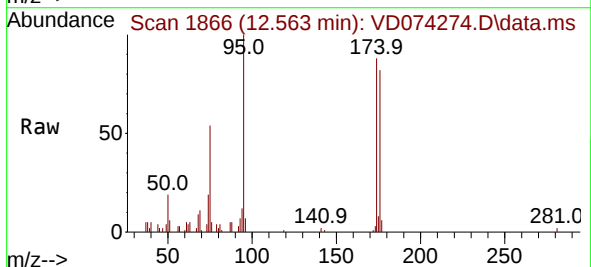
Instrument :
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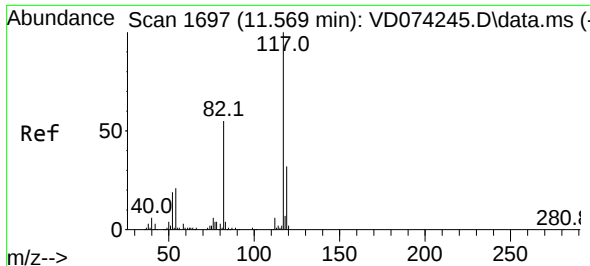
Tgt Ion: 98 Resp: 76297
Ion Ratio Lower Upper
98 100
100 62.7 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 45.654 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074274.D
Acq: 13 Sep 2022 19:11

Tgt Ion: 95 Resp: 26012
Ion Ratio Lower Upper
95 100
174 89.6 0.0 179.2
176 82.8 0.0 171.4

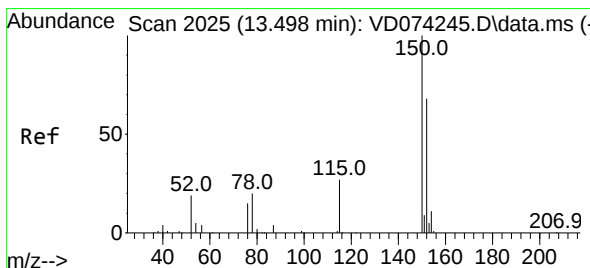
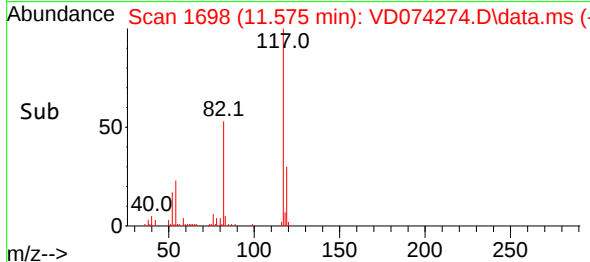
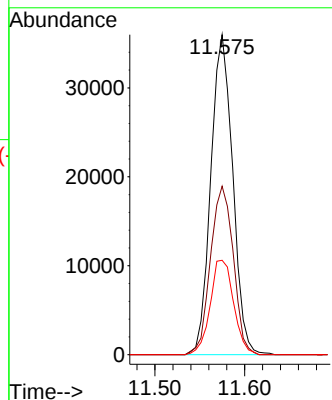
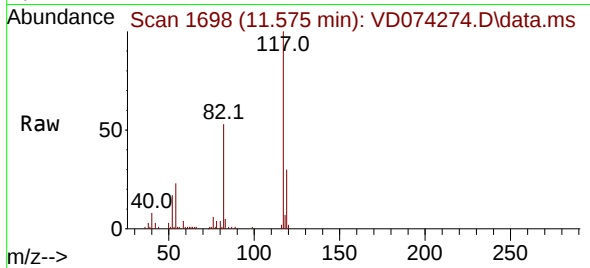




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074274.D
Acq: 13 Sep 2022 19:11

Instrument :
MSVOA_D
ClientSampleId :
72-11998

Tgt Ion:117 Resp: 60956
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 29.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.504 min Scan# 2026
Delta R.T. 0.006 min
Lab File: VD074274.D
Acq: 13 Sep 2022 19:11

Tgt Ion:152 Resp: 29170
Ion Ratio Lower Upper
152 100
115 54.2 28.4 85.2
150 150.1 0.0 351.0

