

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102022\
 Data File : VD074594.D
 Acq On : 20 Oct 2022 13:39
 Operator : VA/SY
 Sample : N5142-13
 Misc : 6.65G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-8

Quant Time: Oct 20 14:56:51 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)

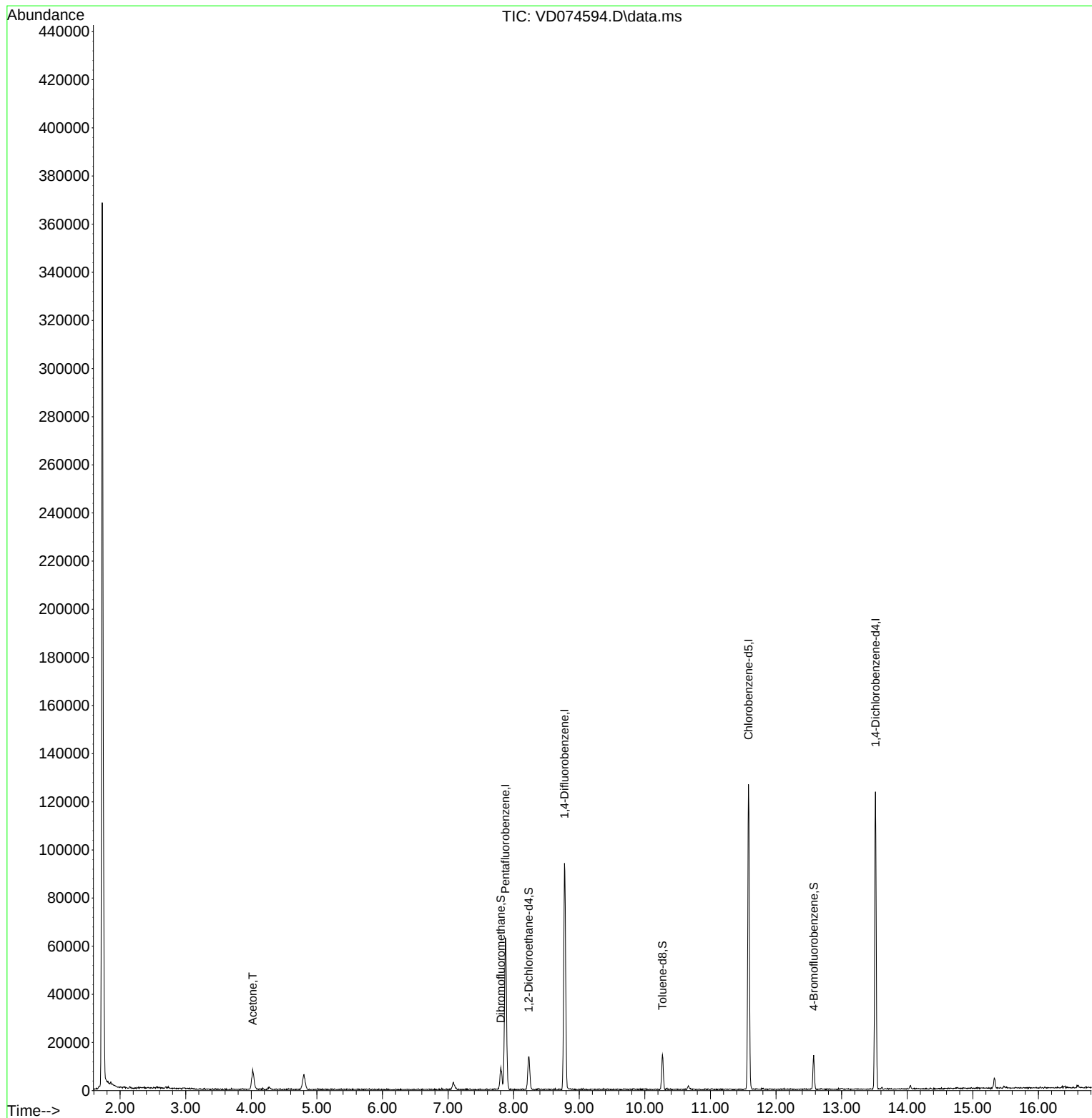
Internal Standards						
1) Pentafluorobenzene	7.875	168	52811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	92895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	80677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	36944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	11068	27.450	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	54.900%
35) Dibromofluoromethane	7.804	113	6574	11.935	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	23.860%#
50) Toluene-d8	10.269	98	11314	6.085	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	12.180%#
62) 4-Bromofluorobenzene	12.575	95	3684	5.150	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	10.300%#
Target Compounds						
16) Acetone	4.022	43	13221	150.159	ug/l	Qvalue 94

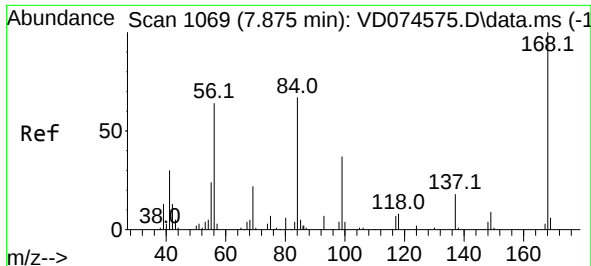
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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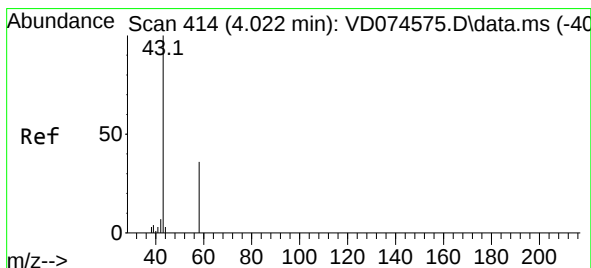
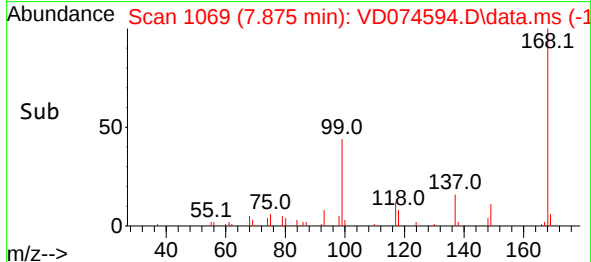
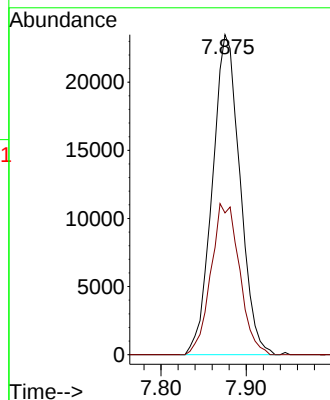
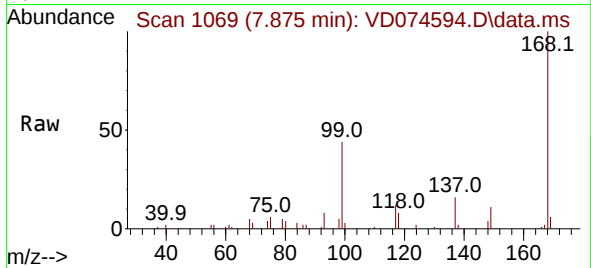




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074594.D
Acq: 20 Oct 2022 13:39

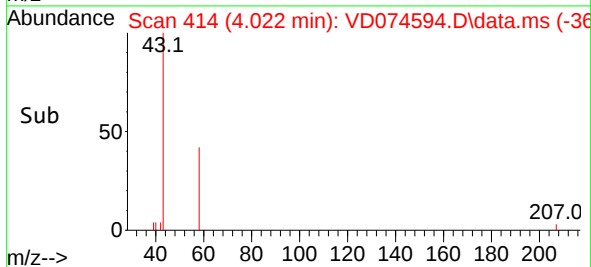
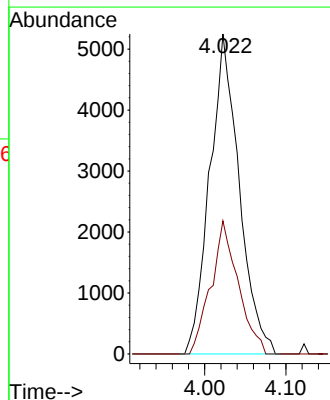
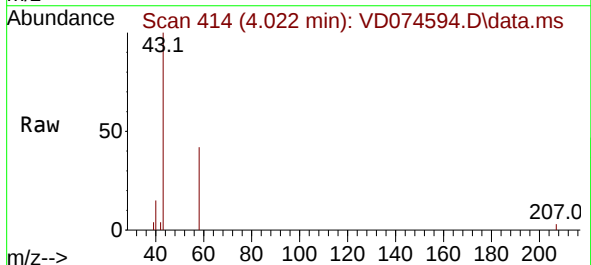
Instrument :
MSVOA_D
ClientSampleId :
WC-8

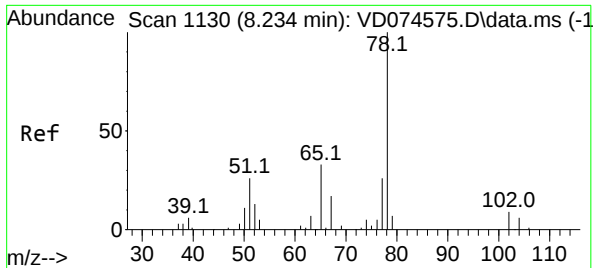
Tgt Ion:168 Resp: 52811
Ion Ratio Lower Upper
168 100
99 44.3 40.9 61.3



#16
Acetone
Concen: 150.159 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074594.D
Acq: 20 Oct 2022 13:39

Tgt Ion: 43 Resp: 13221
Ion Ratio Lower Upper
43 100
58 41.6 30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 27.450 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074594.D

Acq: 20 Oct 2022 13:39

Instrument :

MSVOA_D

ClientSampleId :

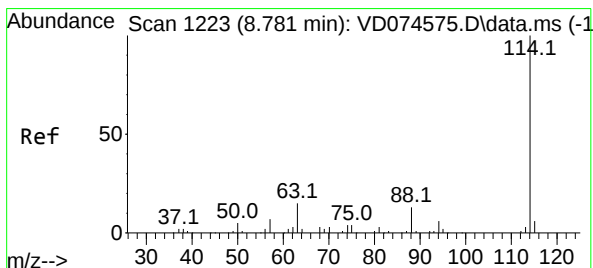
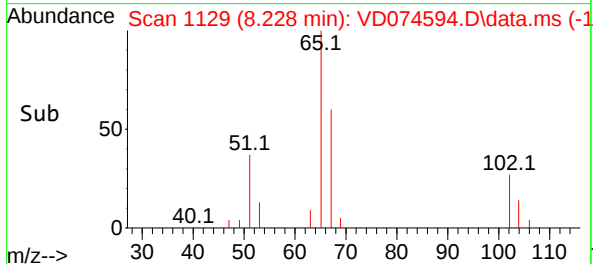
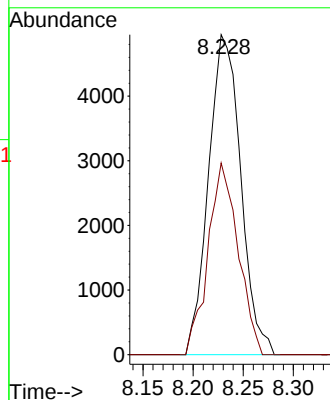
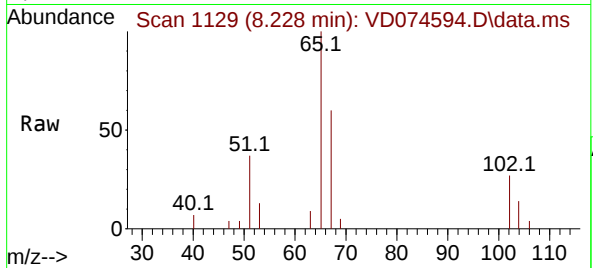
WC-8

Tgt Ion: 65 Resp: 11068

Ion Ratio Lower Upper

65 100

67 56.0 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074594.D

Acq: 20 Oct 2022 13:39

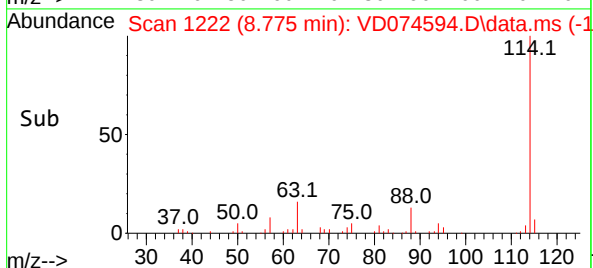
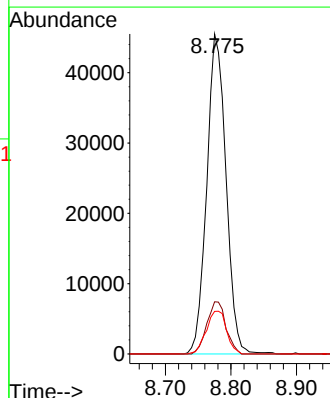
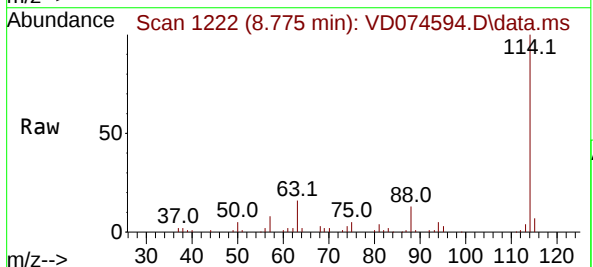
Tgt Ion: 114 Resp: 92895

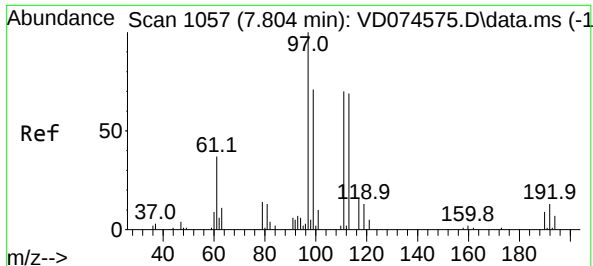
Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.2

88 13.3 0.0 28.2





#35

Dibromofluoromethane

Concen: 11.935 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074594.D

Acq: 20 Oct 2022 13:39

Instrument :

MSVOA_D

ClientSampleId :

WC-8

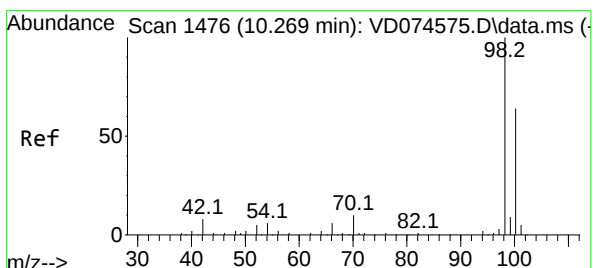
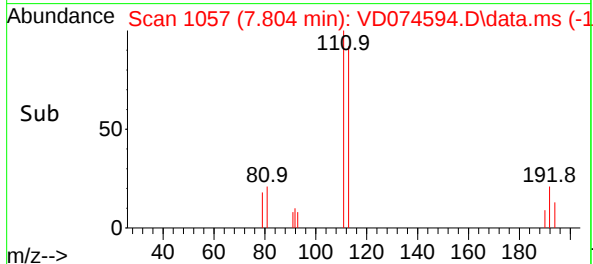
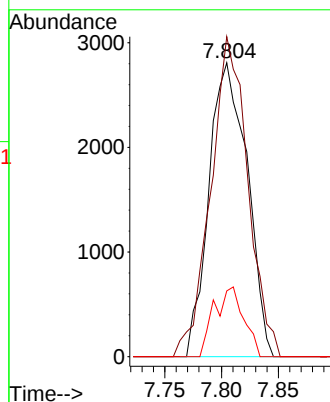
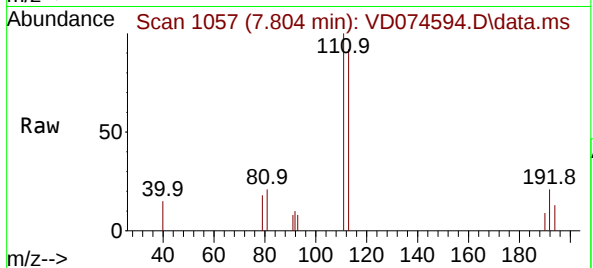
Tgt Ion:113 Resp: 6574

Ion Ratio Lower Upper

113 100

111 105.6 82.3 123.5

192 18.3 16.4 24.6



#50

Toluene-d8

Concen: 6.085 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074594.D

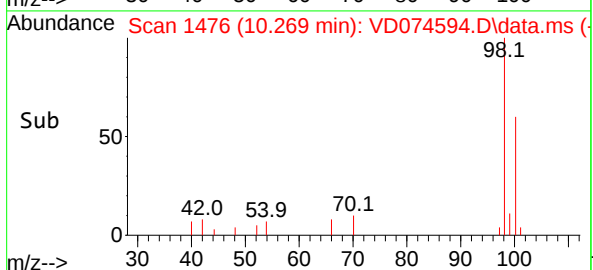
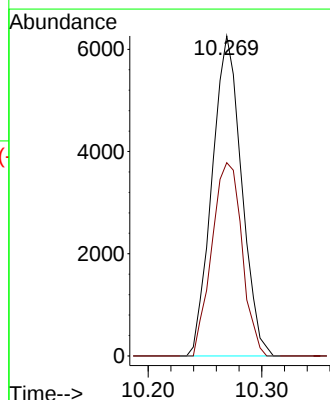
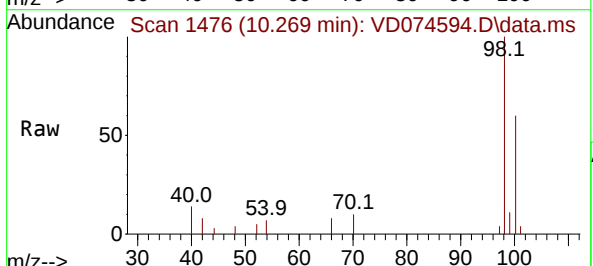
Acq: 20 Oct 2022 13:39

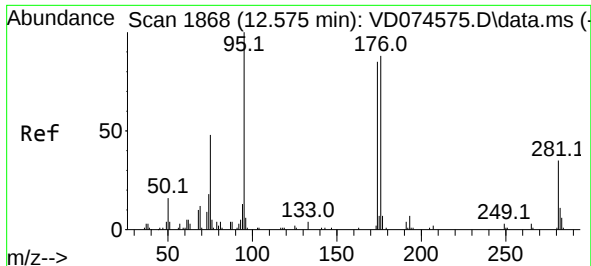
Tgt Ion: 98 Resp: 11314

Ion Ratio Lower Upper

98 100

100 61.6 51.4 77.0

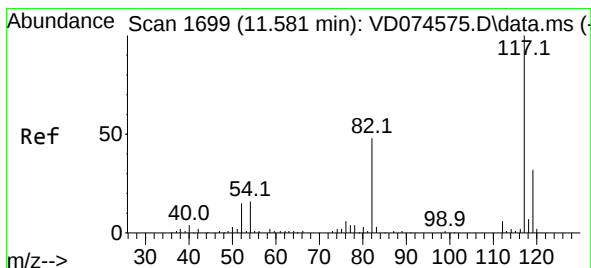
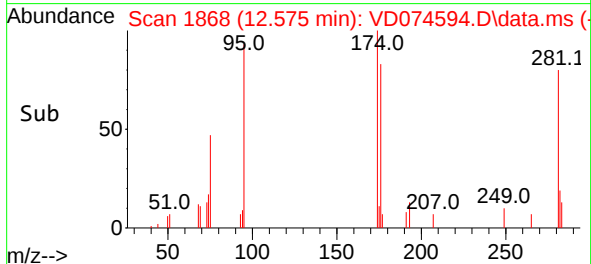
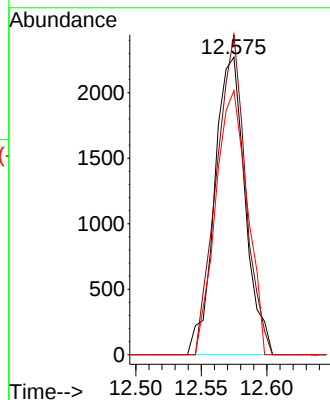
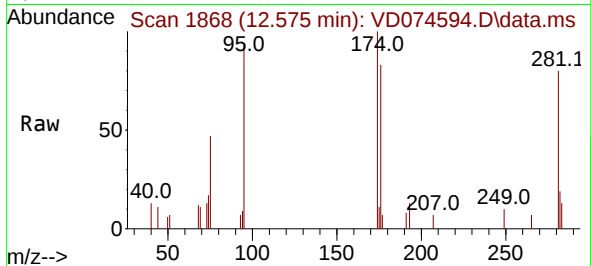




#62
4-Bromofluorobenzene
Concen: 5.150 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074594.D
Acq: 20 Oct 2022 13:39

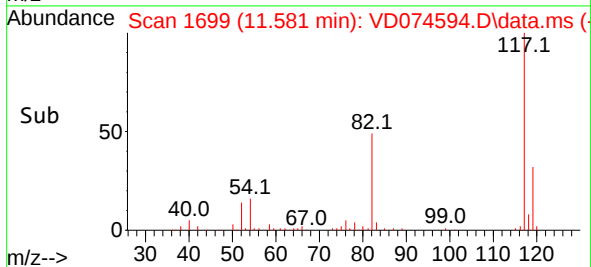
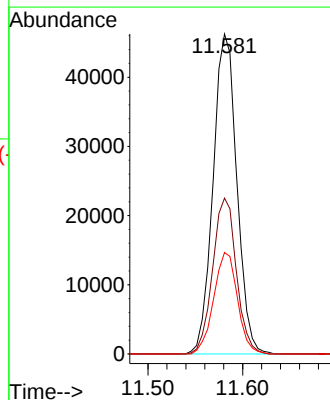
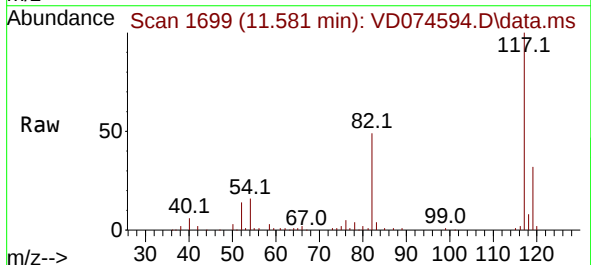
Instrument :
MSVOA_D
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WC-8

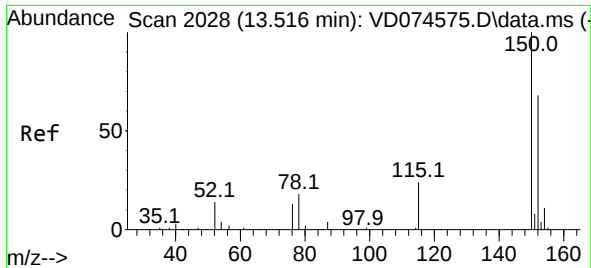
Tgt Ion:	95	Resp:	3684
Ion	Ratio	Lower	Upper
95	100		
174	102.6	0.0	197.0
176	91.9	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074594.D
Acq: 20 Oct 2022 13:39

Tgt Ion:	117	Resp:	80677
Ion	Ratio	Lower	Upper
117	100		
82	48.7	41.6	62.4
119	31.7	25.2	37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.006 min

Lab File: VD074594.D

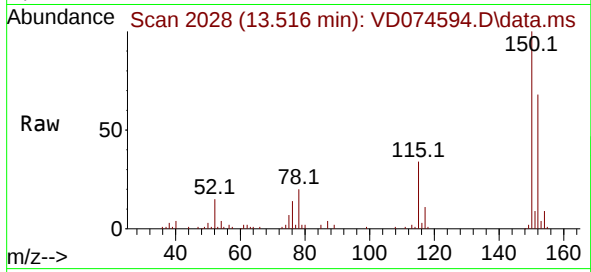
Acq: 20 Oct 2022 13:39

Instrument :

MSVOA_D

ClientSampleId :

WC-8



Tgt Ion:152 Resp: 36944

Ion Ratio Lower Upper

152 100

115 52.4 26.8 80.4

150 154.7 0.0 348.2

