

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074317.D
 Acq On : 15 Sep 2022 19:22
 Operator : VA/SY
 Sample : N4610-01
 Misc : 6.28G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-BOTTOM

Quant Time: Sep 16 05:55:39 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)

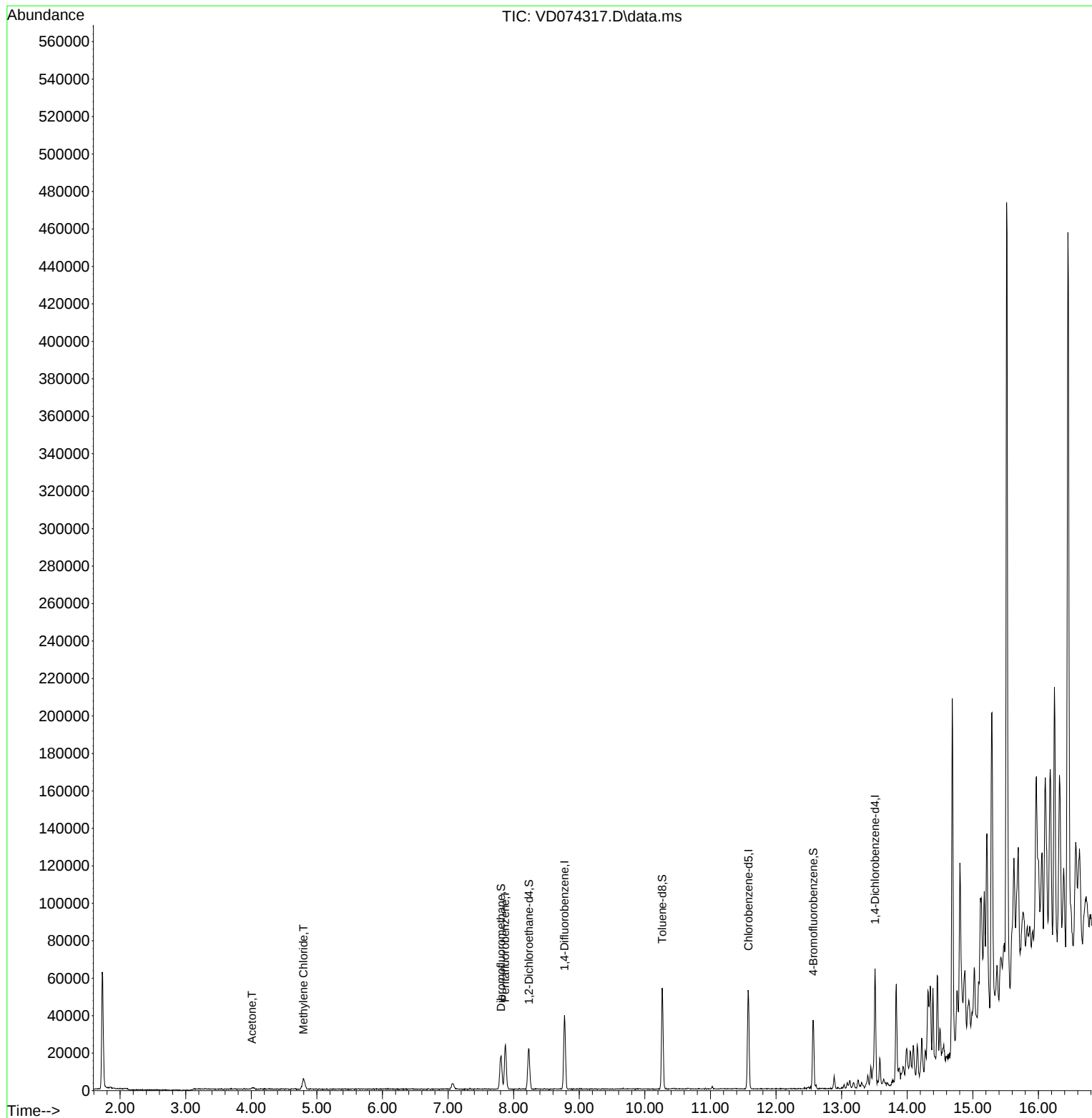
Internal Standards						
1) Pentafluorobenzene	7.869	168	18165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	34572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	32598	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.510	152	13245	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	17498	94.484	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 188.960%#	
35) Dibromofluoromethane	7.810	113	13189	57.501	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.000%	
50) Toluene-d8	10.263	98	38050	44.899	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.800%	
62) 4-Bromofluorobenzene	12.569	95	12330	40.319	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.640%	
Target Compounds						
16) Acetone	4.010	43	1379	36.075	ug/l #	42
20) Methylene Chloride	4.793	84	4053	12.904	ug/l	98

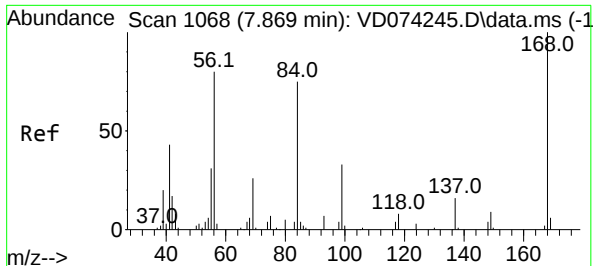
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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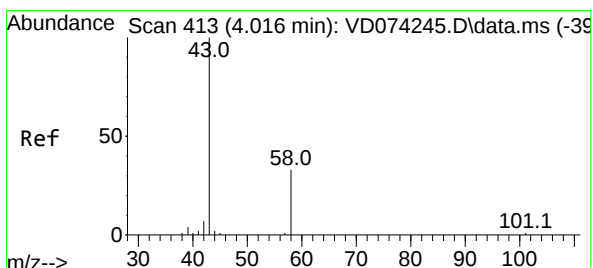
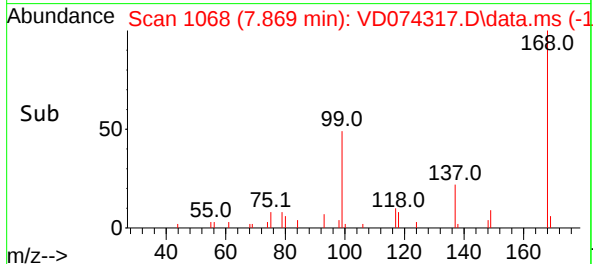
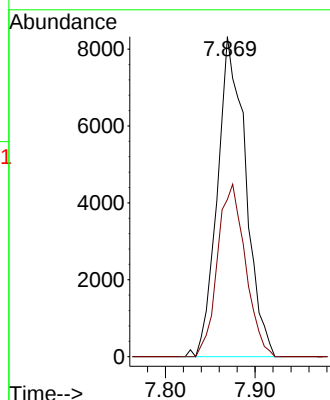
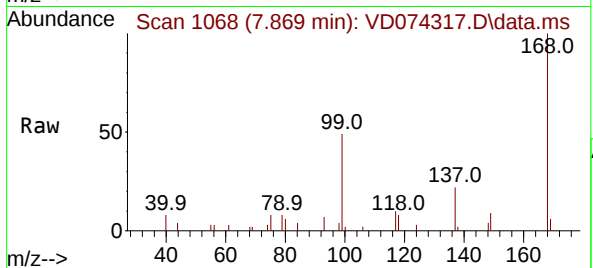




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VD074317.D
Acq: 15 Sep 2022 19:22

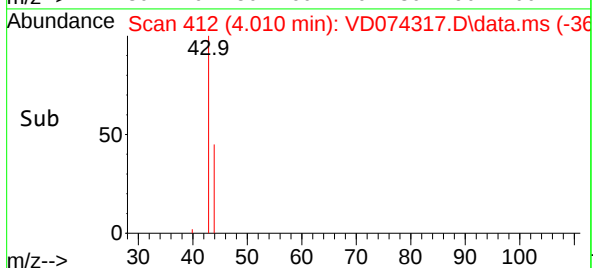
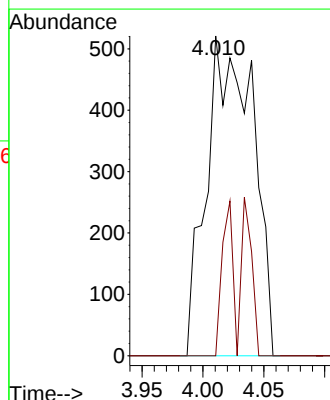
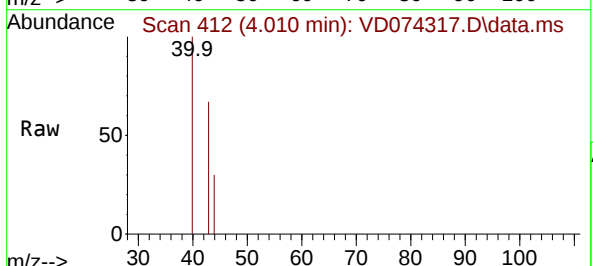
Instrument :
MSVOA_D
ClientSampleId :
EP-BOTTOM

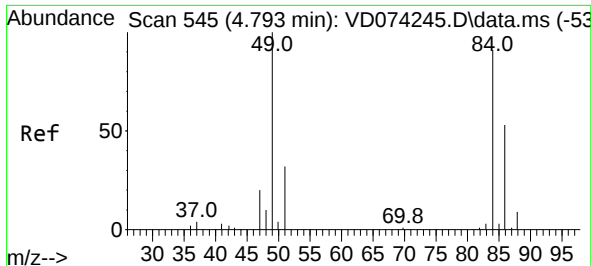
Tgt Ion:168 Resp: 18165
Ion Ratio Lower Upper
168 100
99 49.1 43.0 64.6



#16
Acetone
Concen: 36.075 ug/l
RT: 4.010 min Scan# 412
Delta R.T. -0.006 min
Lab File: VD074317.D
Acq: 15 Sep 2022 19:22

Tgt Ion: 43 Resp: 1379
Ion Ratio Lower Upper
43 100
58 0.0 26.4 39.6#





#20

Methylene Chloride

Concen: 12.904 ug/l

RT: 4.793 min Scan# 54

Delta R.T. -0.000 min

Lab File: VD074317.D

Acq: 15 Sep 2022 19:22

Instrument :

MSVOA_D

ClientSampleId :

EP-BOTTOM

Tgt Ion: 84 Resp: 4053

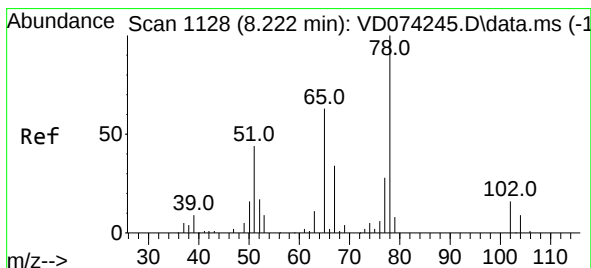
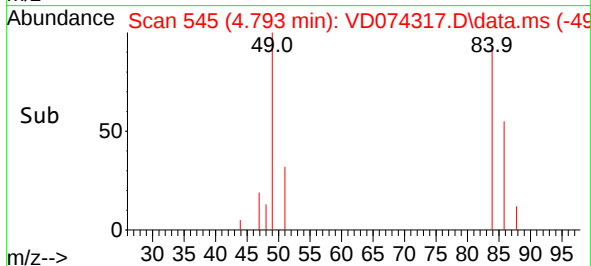
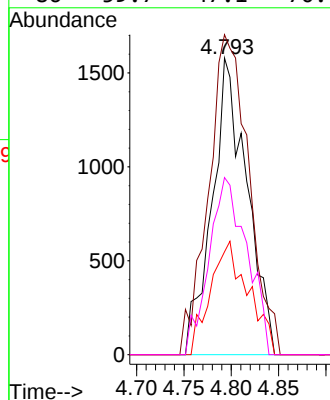
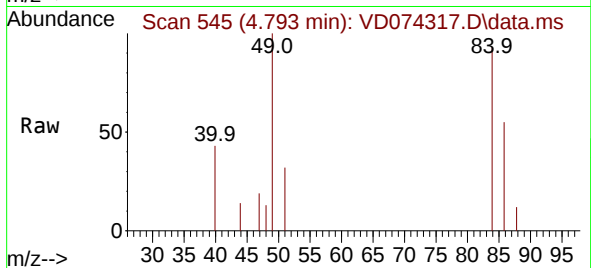
Ion Ratio Lower Upper

84 100

49 107.8 88.4 132.6

51 34.7 28.0 42.0

86 59.7 47.1 70.7



#33

1,2-Dichloroethane-d4

Concen: 94.484 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VD074317.D

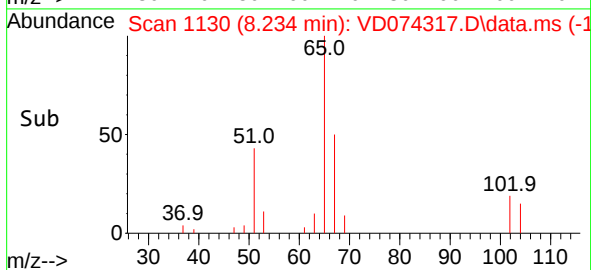
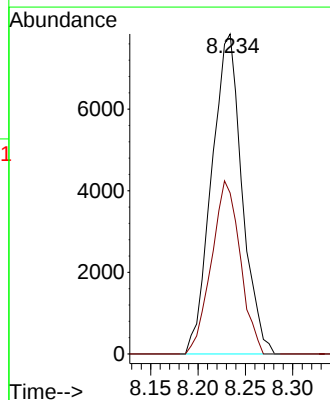
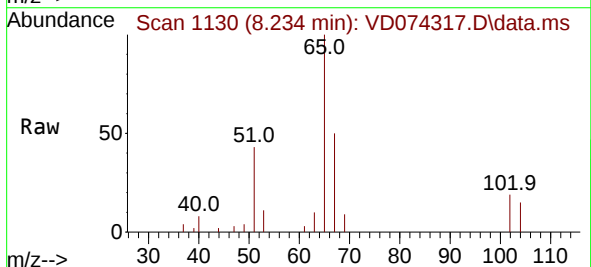
Acq: 15 Sep 2022 19:22

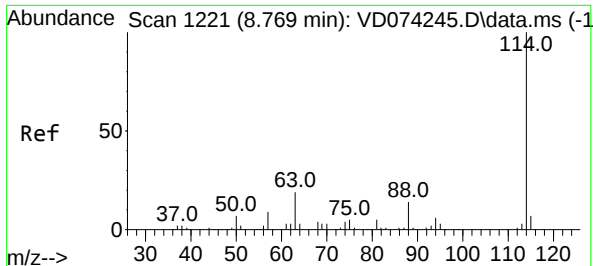
Tgt Ion: 65 Resp: 17498

Ion Ratio Lower Upper

65 100

67 51.1 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: VD074317.D

Acq: 15 Sep 2022 19:22

Instrument :

MSVOA_D

ClientSampleId :

EP-BOTTOM

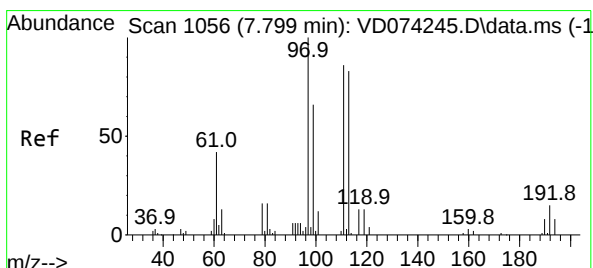
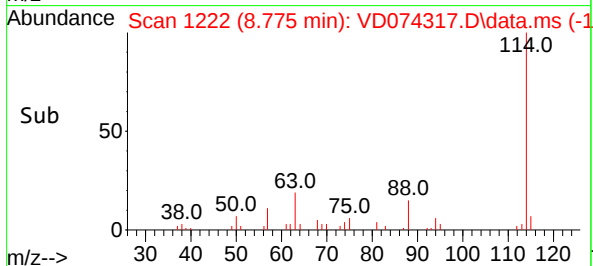
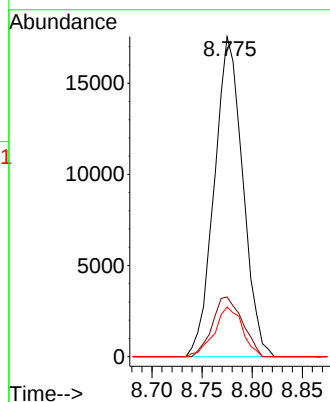
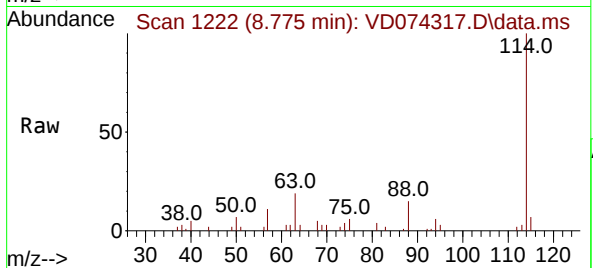
Tgt Ion:114 Resp: 34572

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.6

88 15.5 0.0 28.4



#35

Dibromofluoromethane

Concen: 57.501 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.011 min

Lab File: VD074317.D

Acq: 15 Sep 2022 19:22

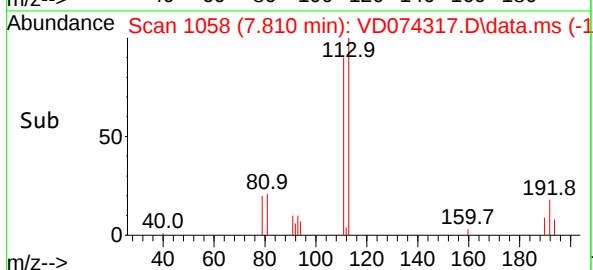
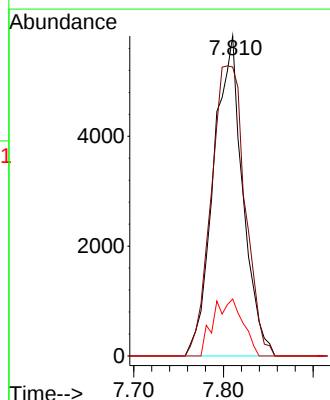
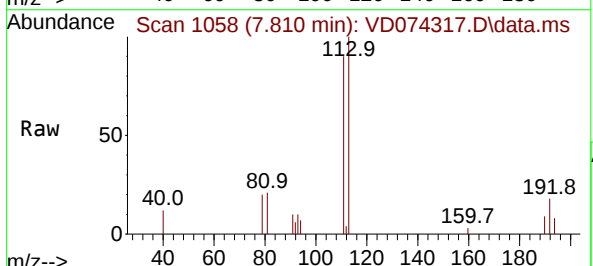
Tgt Ion:113 Resp: 13189

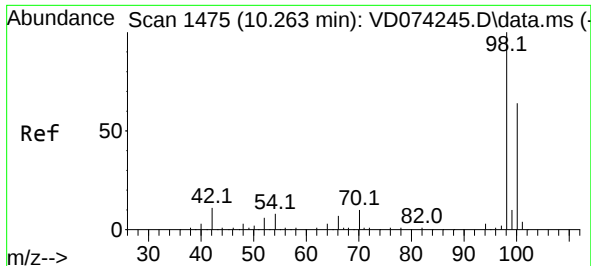
Ion Ratio Lower Upper

113 100

111 104.9 83.0 124.6

192 18.0 16.2 24.2

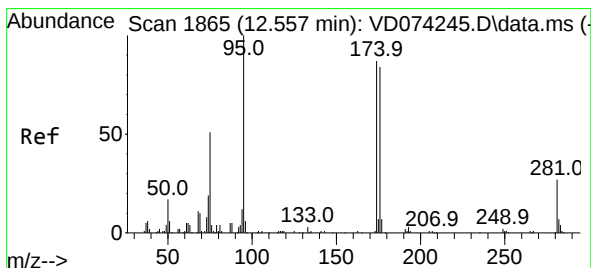
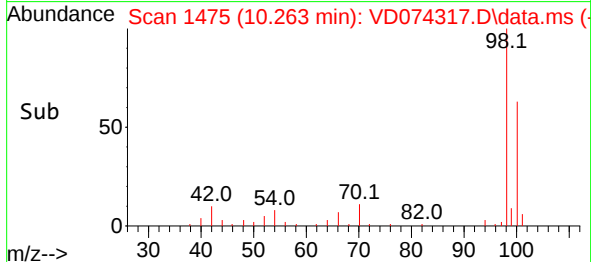
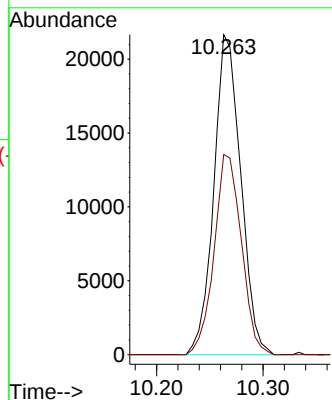
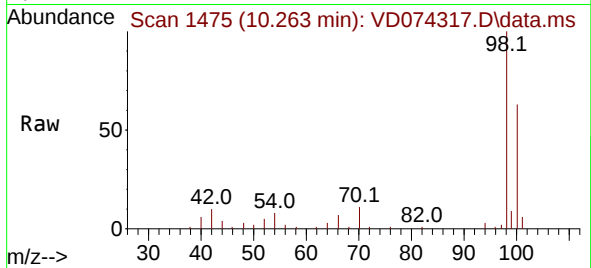




#50
Toluene-d8
Concen: 44.899 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VD074317.D
Acq: 15 Sep 2022 19:22

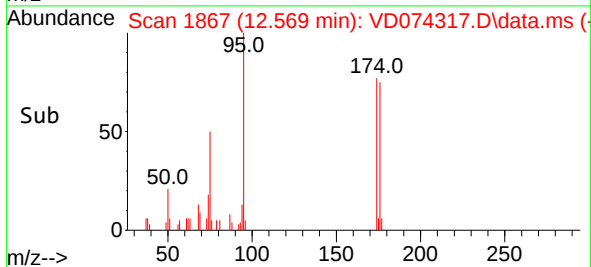
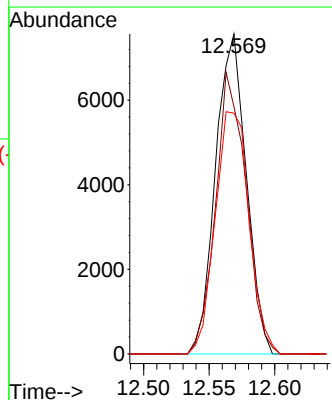
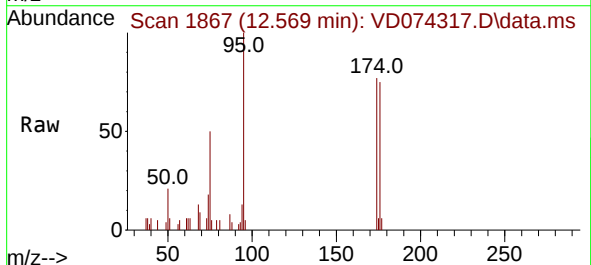
Instrument :
MSVOA_D
ClientSampleId :
EP-BOTTOM

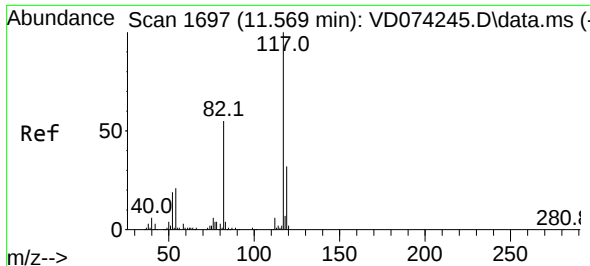
Tgt Ion: 98 Resp: 38050
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 40.319 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.012 min
Lab File: VD074317.D
Acq: 15 Sep 2022 19:22

Tgt Ion: 95 Resp: 12330
Ion Ratio Lower Upper
95 100
174 87.0 0.0 179.2
176 83.6 0.0 171.4

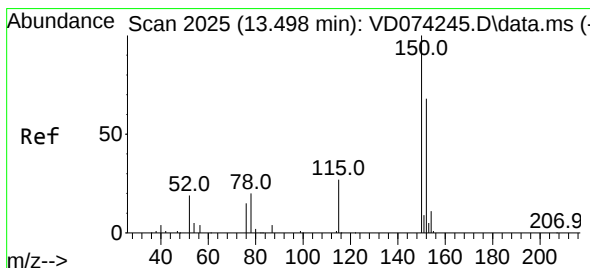
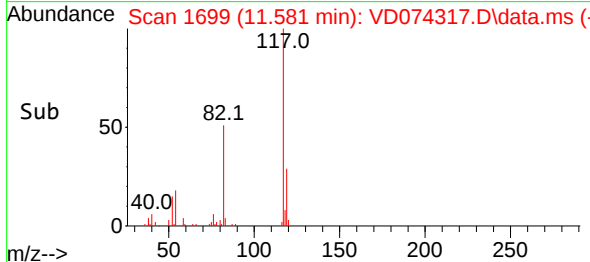
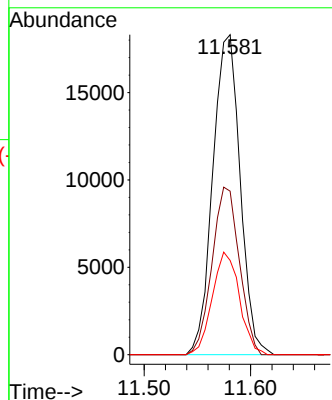
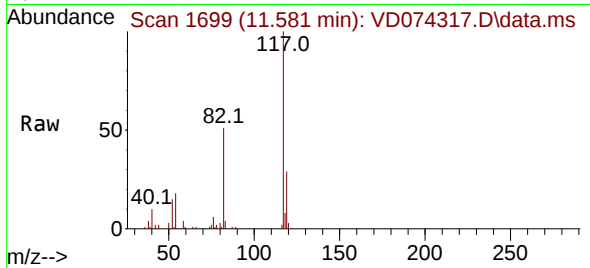




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD074317.D
Acq: 15 Sep 2022 19:22

Instrument :
MSVOA_D
ClientSampleId :
EP-BOTTOM

Tgt Ion:117 Resp: 32598
Ion Ratio Lower Upper
117 100
82 51.1 44.2 66.2
119 29.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.012 min
Lab File: VD074317.D
Acq: 15 Sep 2022 19:22

Tgt Ion:152 Resp: 13245
Ion Ratio Lower Upper
152 100
115 54.2 28.4 85.2
150 160.7 0.0 351.0

