

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074847.D
 Acq On : 10 Nov 2022 01:47
 Operator : VA/SY
 Sample : N5506-01
 Misc : 4.63G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5

Quant Time: Nov 10 05:50:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

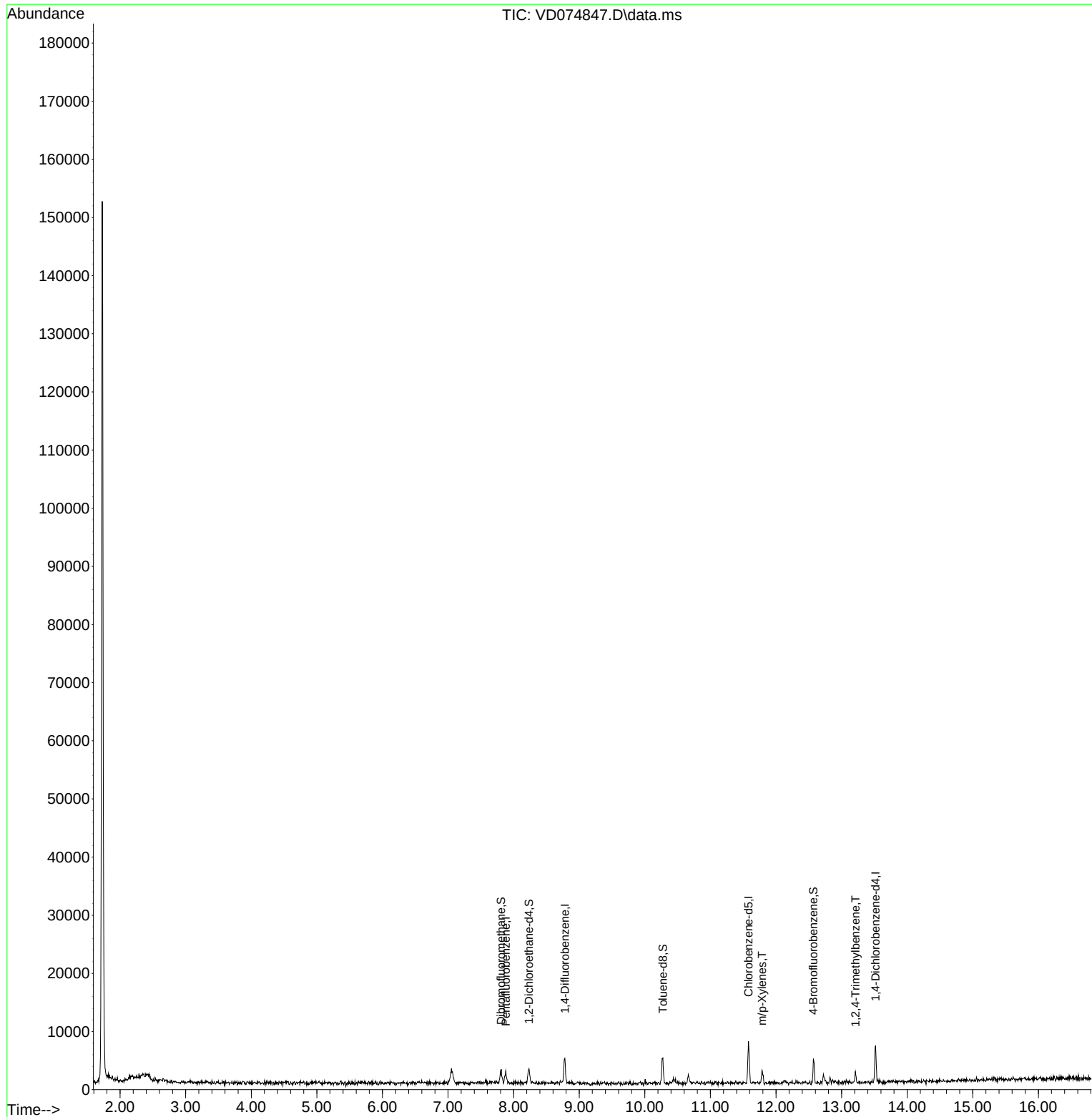
Internal Standards						
1) Pentafluorobenzene	7.881	168	2312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	5340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	5185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	2080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	2275	124.239	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 248.480%#	
35) Dibromofluoromethane	7.811	113	1756	55.590	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.180%	
50) Toluene-d8	10.275	98	4170	36.190	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 72.380%	
62) 4-Bromofluorobenzene	12.569	95	1670	50.197	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.400%	
Target Compounds						Qvalue
68) m/p-Xylenes	11.787	106	1109	15.351	ug/l	89
84) 1,2,4-Trimethylbenzene	13.210	105	1476	12.065	ug/l	90

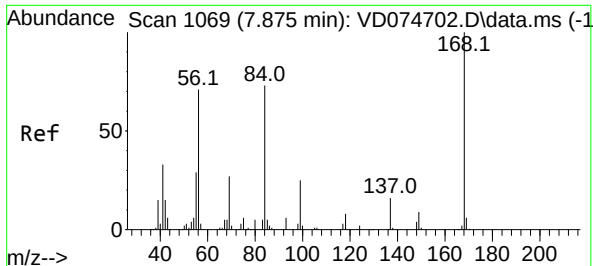
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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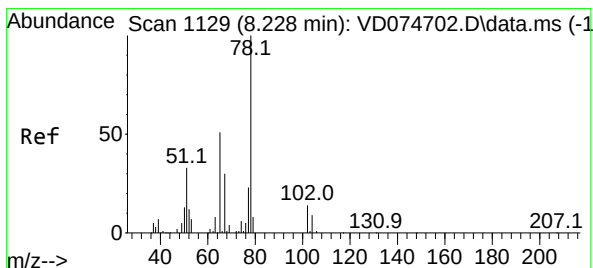
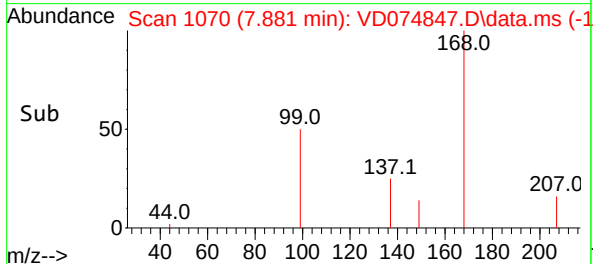
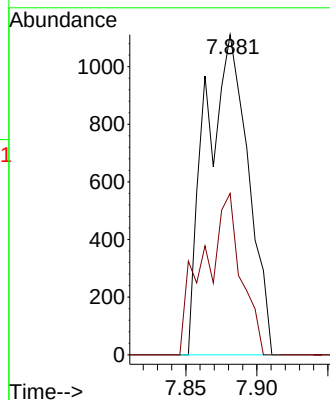
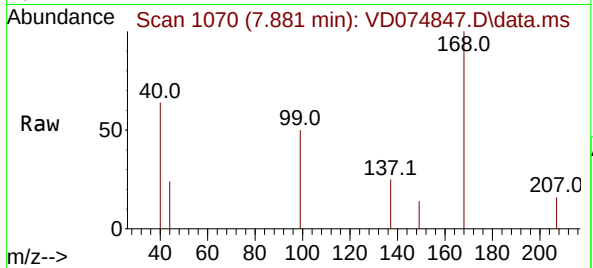




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD074847.D
Acq: 10 Nov 2022 01:47

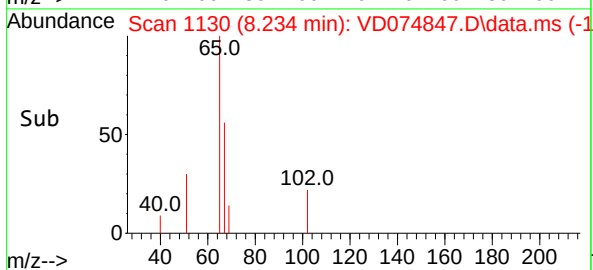
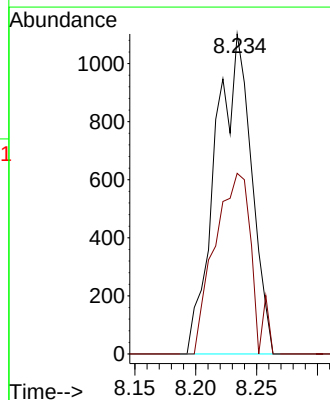
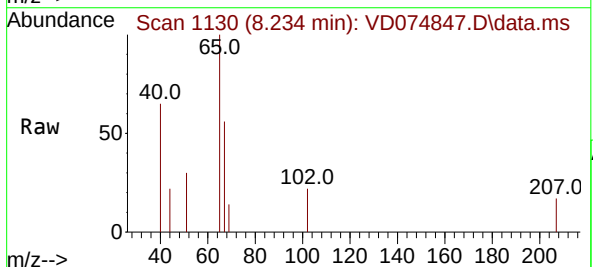
Instrument :
MSVOA_D
ClientSampleId :
TP-5

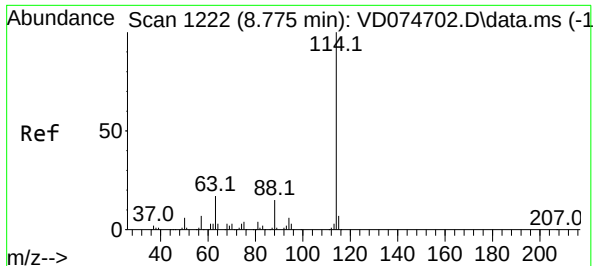
Tgt Ion:168 Resp: 2312
Ion Ratio Lower Upper
168 100
99 50.4 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 124.239 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074847.D
Acq: 10 Nov 2022 01:47

Tgt Ion: 65 Resp: 2275
Ion Ratio Lower Upper
65 100
67 57.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074847.D

Acq: 10 Nov 2022 01:47

Instrument :

MSVOA_D

ClientSampleId :

TP-5

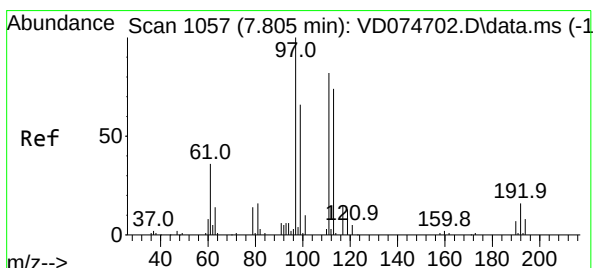
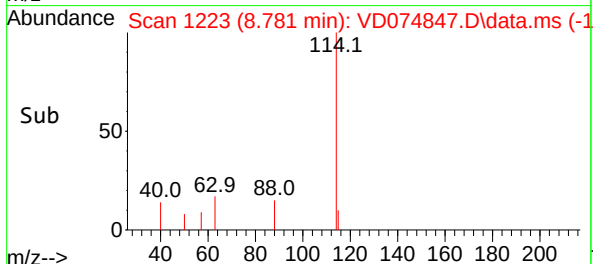
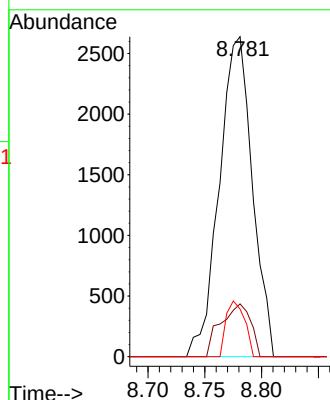
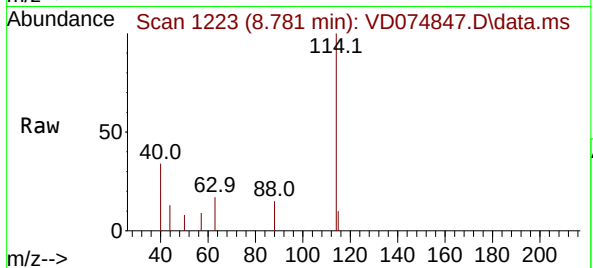
Tgt Ion:114 Resp: 5340

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.2

88 14.9 0.0 28.2



#35

Dibromofluoromethane

Concen: 55.590 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD074847.D

Acq: 10 Nov 2022 01:47

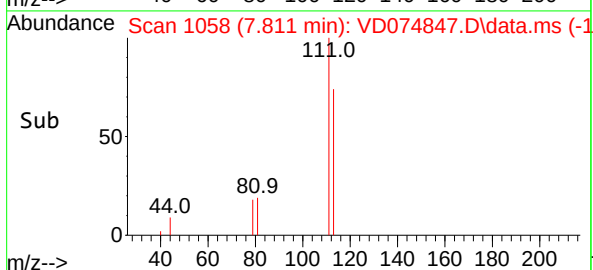
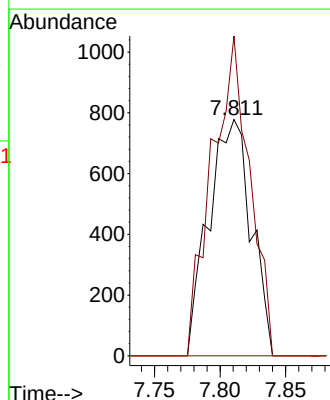
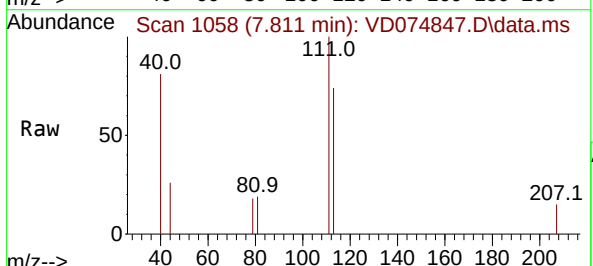
Tgt Ion:113 Resp: 1756

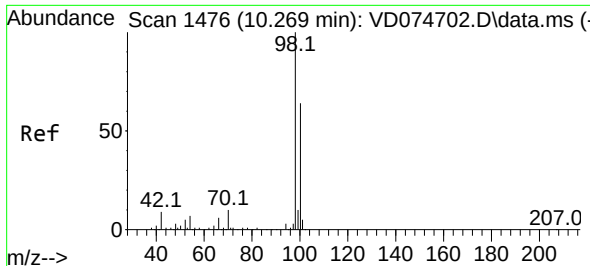
Ion Ratio Lower Upper

113 100

111 120.6 82.3 123.5

192 0.0 16.4 24.6#

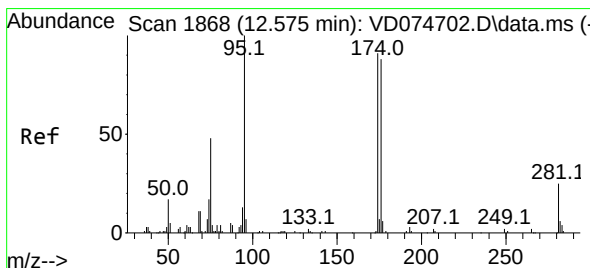
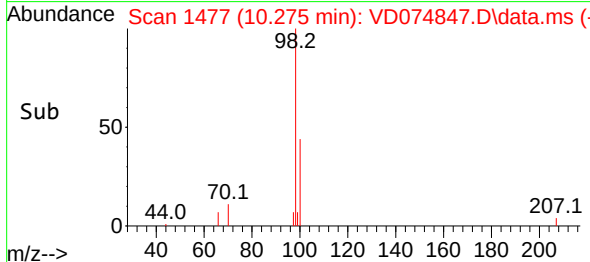
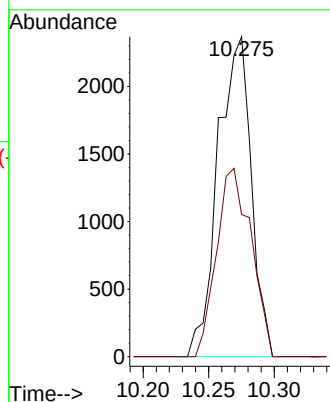
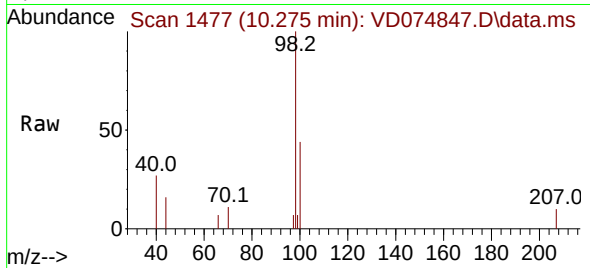




#50
Toluene-d8
Concen: 36.190 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD074847.D
Acq: 10 Nov 2022 01:47

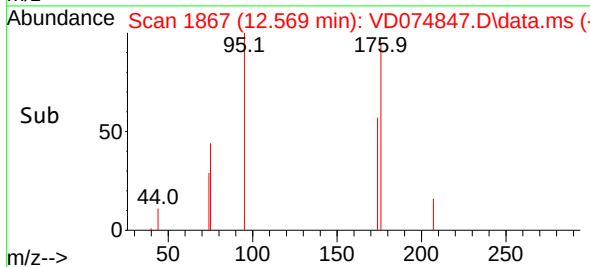
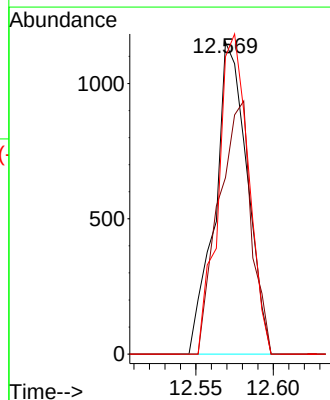
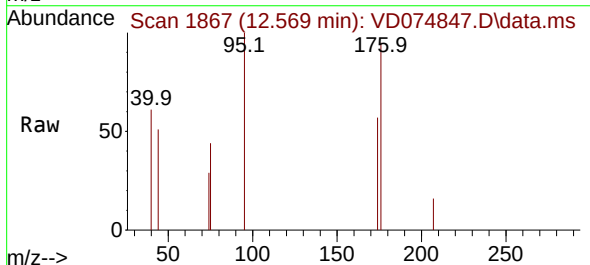
Instrument :
MSVOA_D
ClientSampleId :
TP-5

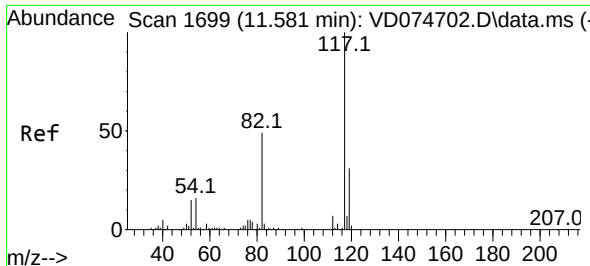
Tgt Ion: 98 Resp: 4170
Ion Ratio Lower Upper
98 100
100 61.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 50.197 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074847.D
Acq: 10 Nov 2022 01:47

Tgt Ion: 95 Resp: 1670
Ion Ratio Lower Upper
95 100
174 81.9 0.0 197.0
176 96.3 0.0 182.6

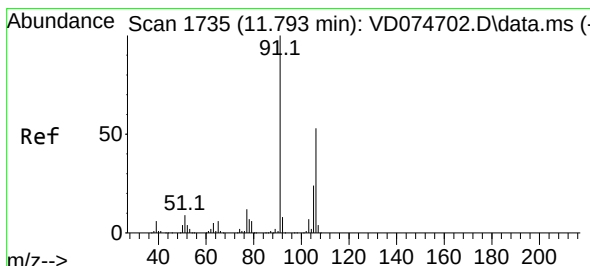
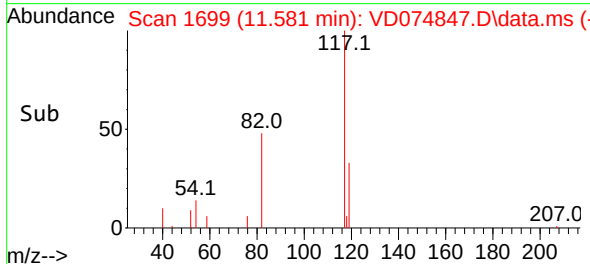
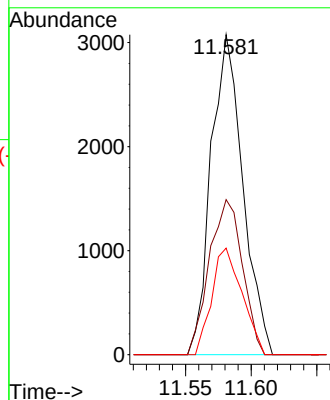
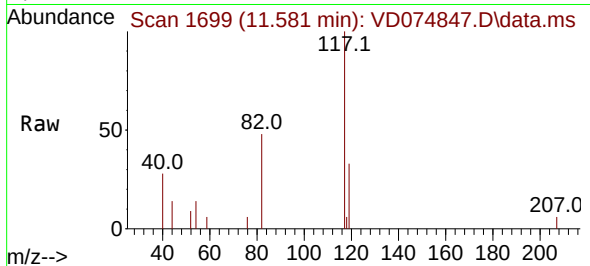




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074847.D
Acq: 10 Nov 2022 01:47

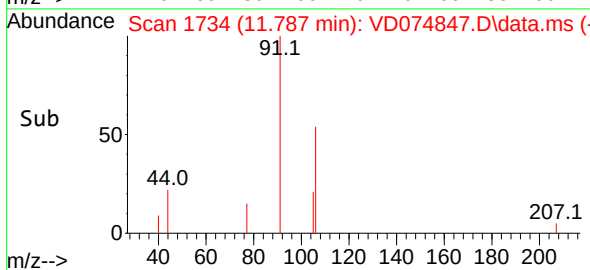
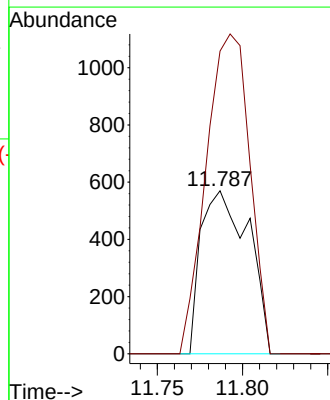
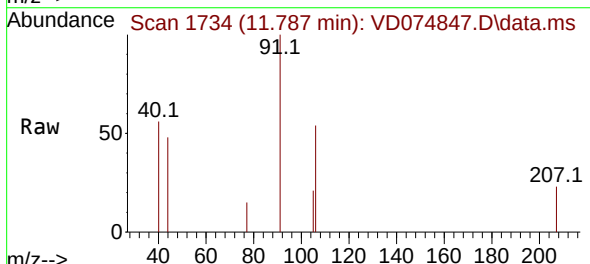
Instrument :
MSVOA_D
ClientSampleId :
TP-5

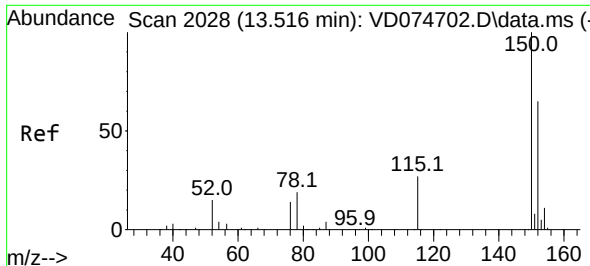
Tgt Ion:	117	Resp:	5185
Ion	Ratio	Lower	Upper
117	100		
82	48.5	41.6	62.4
119	33.3	25.2	37.8



#68
m/p-Xylenes
Concen: 15.351 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD074847.D
Acq: 10 Nov 2022 01:47

Tgt Ion:	106	Resp:	1109
Ion	Ratio	Lower	Upper
106	100		
91	179.6	156.2	234.4

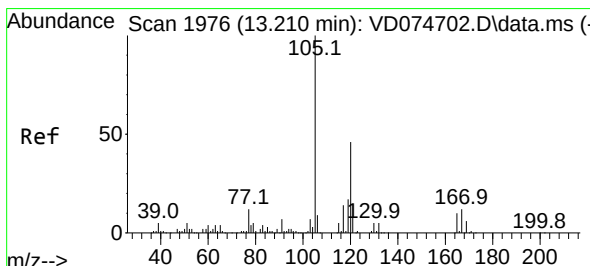
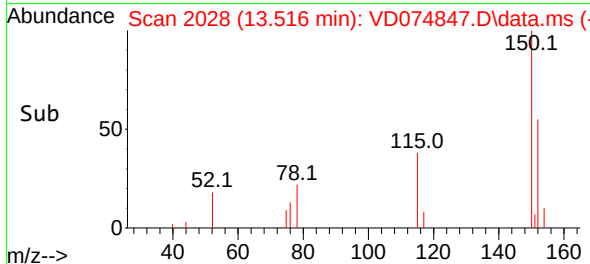
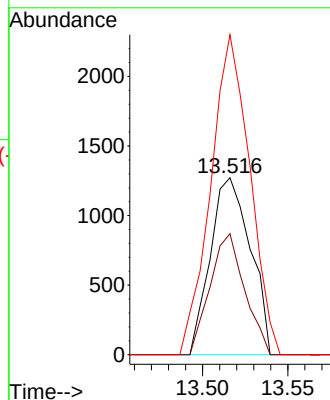
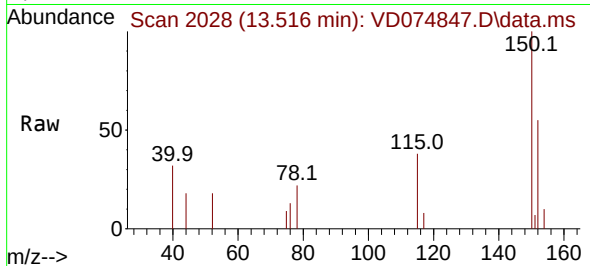




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: VD074847.D
 Acq: 10 Nov 2022 01:47

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5

Tgt Ion:152 Resp: 2080
 Ion Ratio Lower Upper
 152 100
 115 59.2 26.8 80.4
 150 176.4 0.0 348.2



#84
 1,2,4-Trimethylbenzene
 Concen: 12.065 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD074847.D
 Acq: 10 Nov 2022 01:47

Tgt Ion:105 Resp: 1476
 Ion Ratio Lower Upper
 105 100
 120 39.5 22.9 68.7

