

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074769.D
 Acq On : 07 Nov 2022 18:54
 Operator : VA/SY
 Sample : N5494-19
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-21

Quant Time: Nov 08 00:22:57 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)

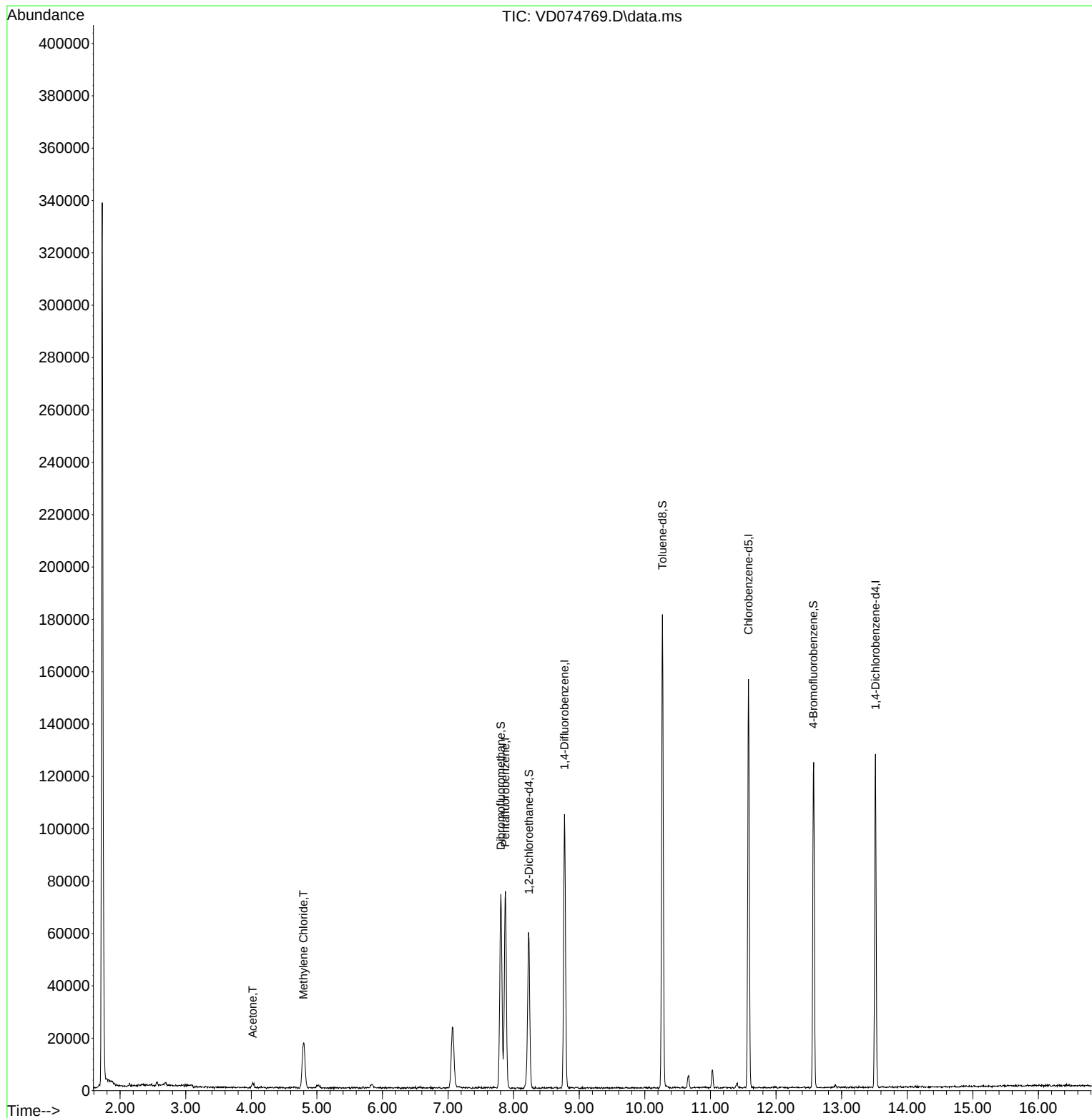
Internal Standards						
1) Pentafluorobenzene	7.875	168	62333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	100171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	97402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	36118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	44682	90.506	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 181.020%#	
35) Dibromofluoromethane	7.804	113	54330	91.688	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 183.380%#	
50) Toluene-d8	10.269	98	131399	60.792	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 121.580%	
62) 4-Bromofluorobenzene	12.569	95	39431	63.182	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 126.360%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	2794	27.120	ug/l #	48
20) Methylene Chloride	4.793	84	15471	8.351	ug/l	94

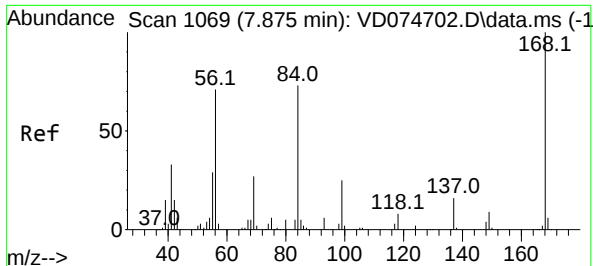
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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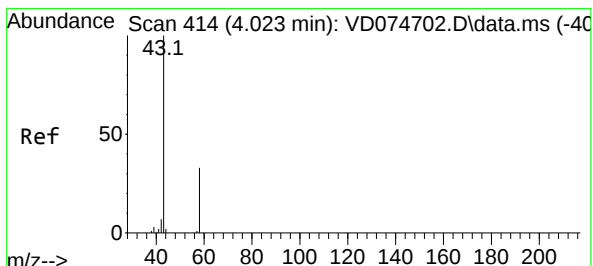
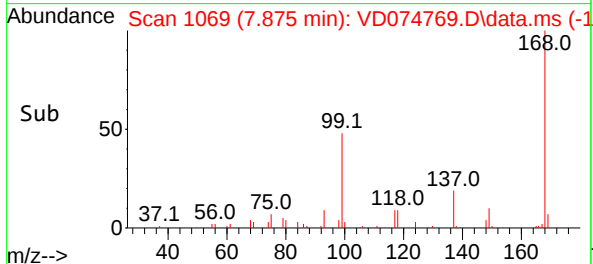
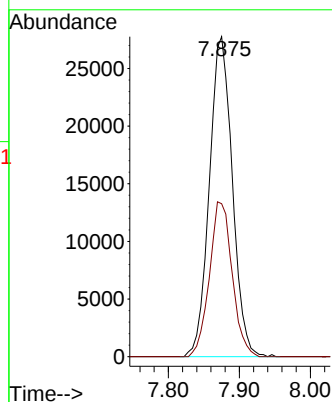
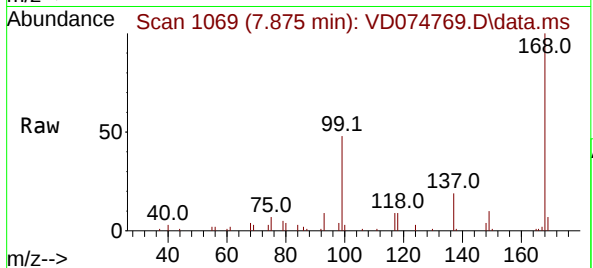




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074769.D
Acq: 07 Nov 2022 18:54

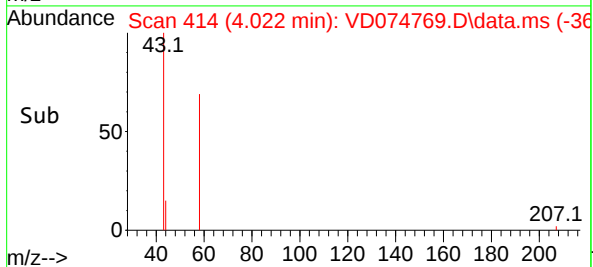
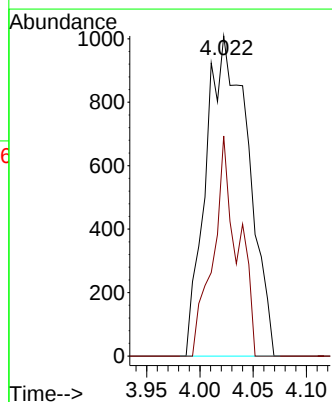
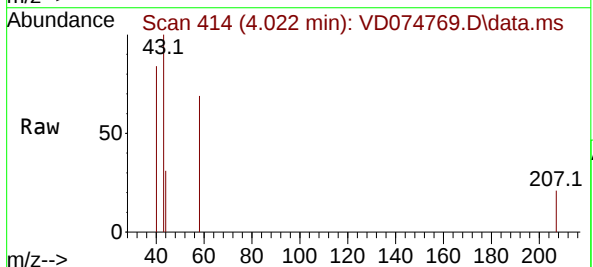
Instrument :
MSVOA_D
ClientSampleId :
SB-21

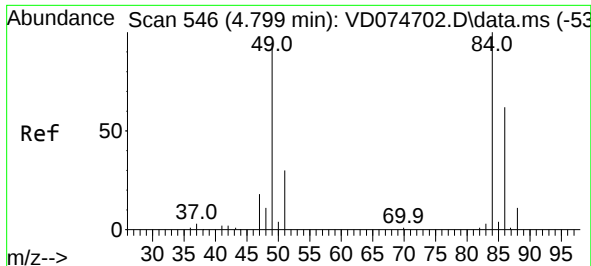
Tgt Ion:168 Resp: 62333
Ion Ratio Lower Upper
168 100
99 47.8 40.9 61.3



#16
Acetone
Concen: 27.120 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.001 min
Lab File: VD074769.D
Acq: 07 Nov 2022 18:54

Tgt Ion: 43 Resp: 2794
Ion Ratio Lower Upper
43 100
58 68.8 30.2 45.2#

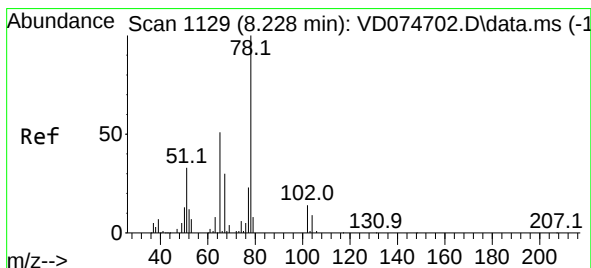
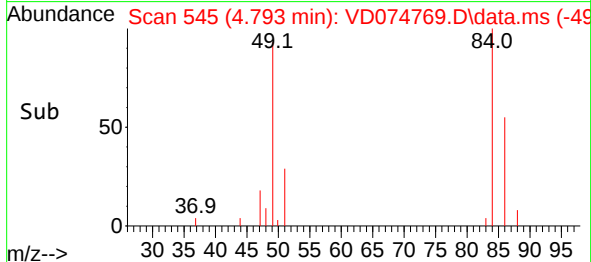
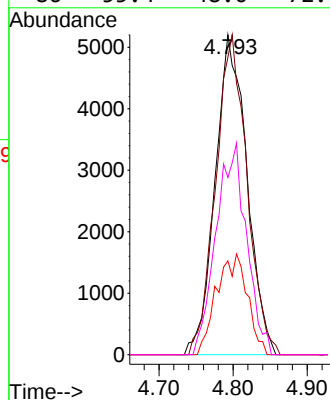
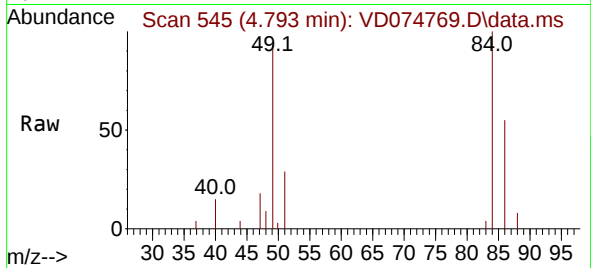




#20
Methylene Chloride
Concen: 8.351 ug/l
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD074769.D
Acq: 07 Nov 2022 18:54

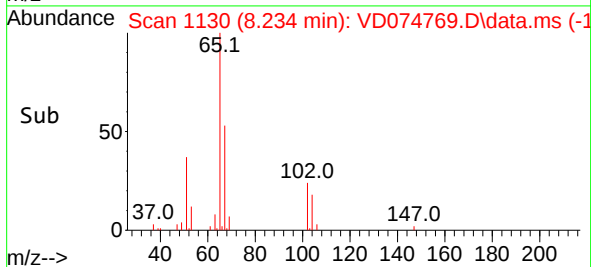
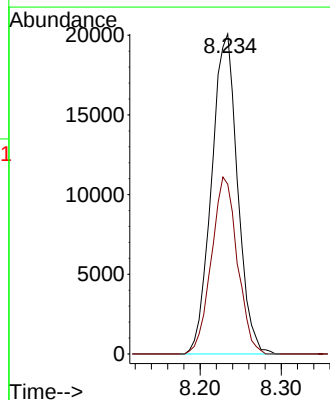
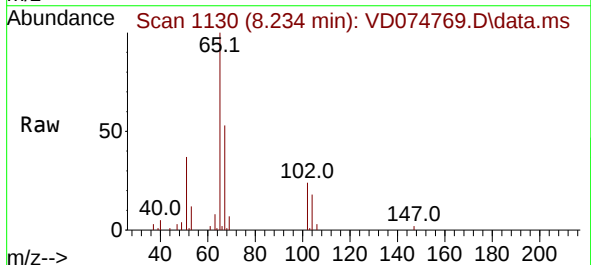
Instrument :
MSVOA_D
ClientSampleId :
SB-21

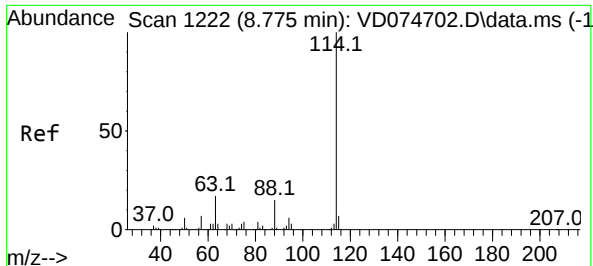
Tgt Ion: 84	Resp: 15471
Ion Ratio	Lower Upper
84 100	
49 92.9	68.0 102.0
51 29.3	23.2 34.8
86 55.4	48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 90.506 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074769.D
Acq: 07 Nov 2022 18:54

Tgt Ion: 65	Resp: 44682
Ion Ratio	Lower Upper
65 100	
67 55.2	0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD074769.D

Acq: 07 Nov 2022 18:54

Instrument :

MSVOA_D

ClientSampleId :

SB-21

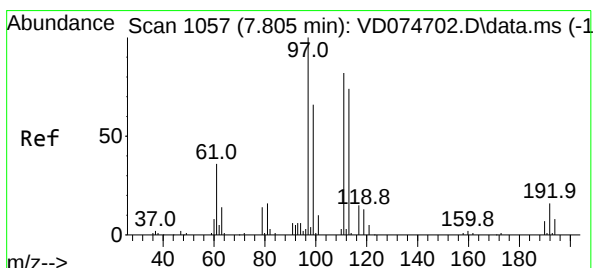
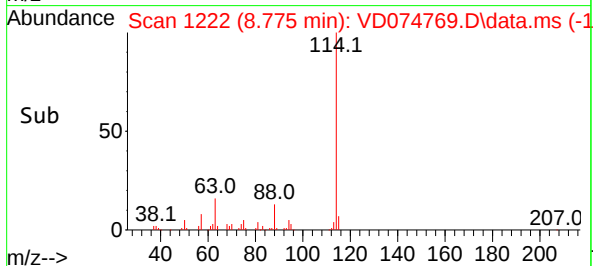
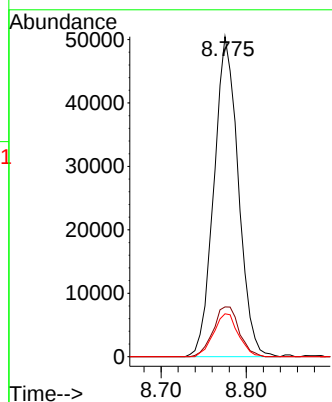
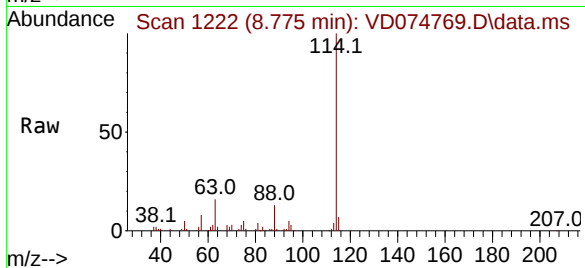
Tgt Ion:114 Resp: 100171

Ion Ratio Lower Upper

114 100

63 15.5 0.0 33.2

88 13.4 0.0 28.2



#35

Dibromofluoromethane

Concen: 91.688 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074769.D

Acq: 07 Nov 2022 18:54

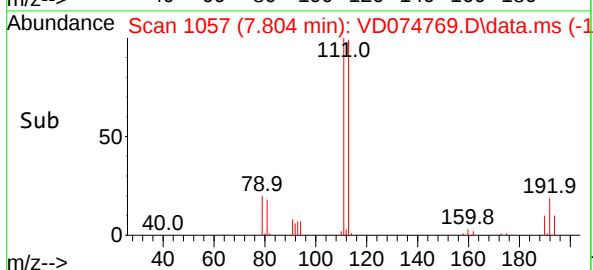
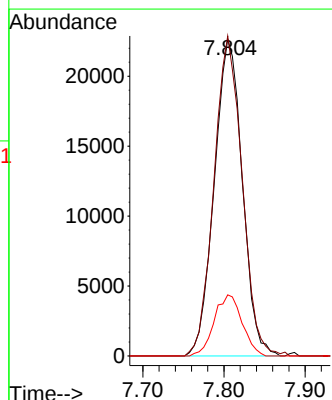
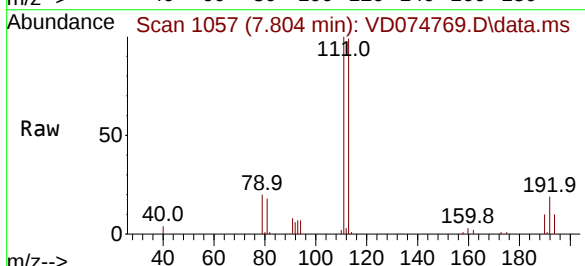
Tgt Ion:113 Resp: 54330

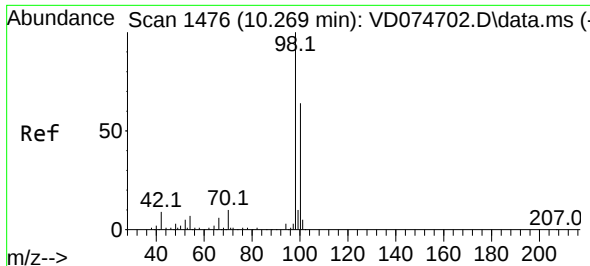
Ion Ratio Lower Upper

113 100

111 101.3 82.3 123.5

192 19.2 16.4 24.6

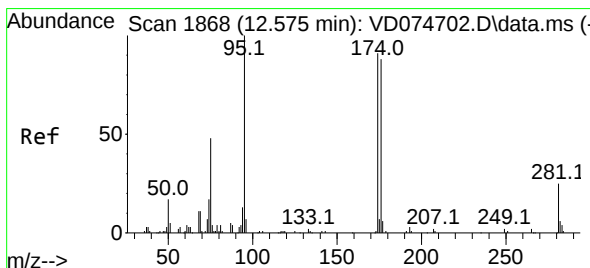
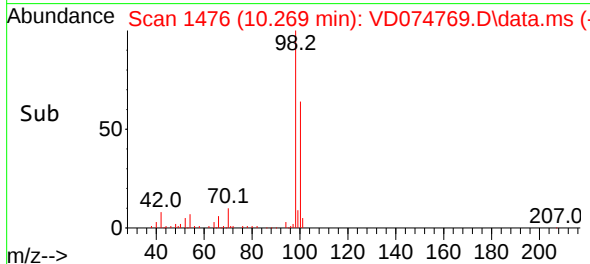
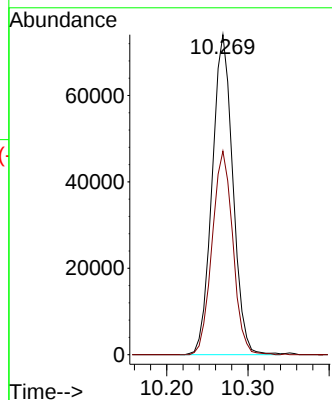
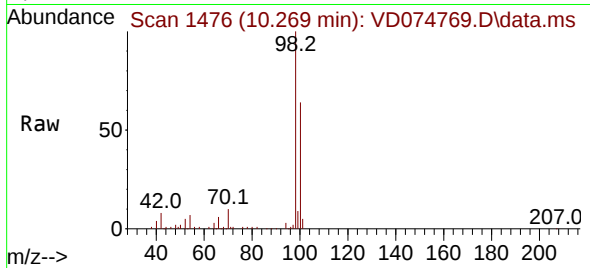




#50
Toluene-d8
Concen: 60.792 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074769.D
Acq: 07 Nov 2022 18:54

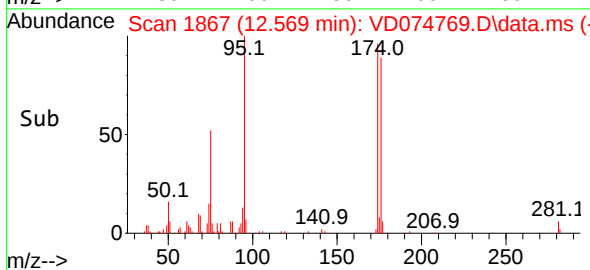
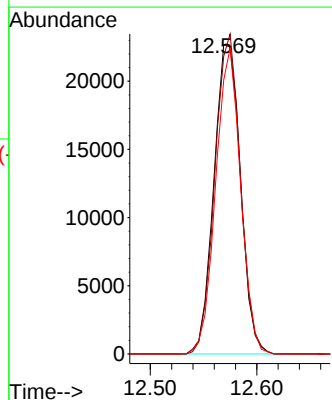
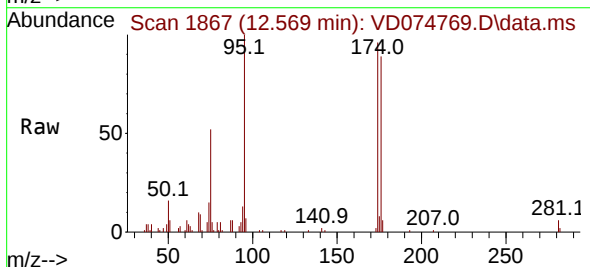
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ClientSampleId :
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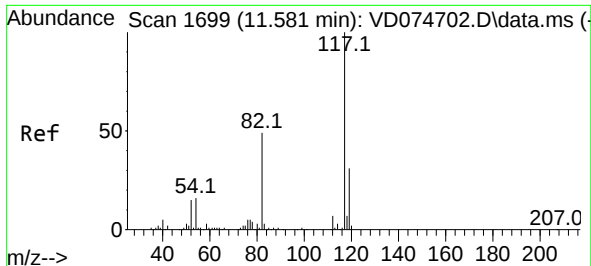
Tgt Ion: 98 Resp: 131399
Ion Ratio Lower Upper
98 100
100 63.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 63.182 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074769.D
Acq: 07 Nov 2022 18:54

Tgt Ion: 95 Resp: 39431
Ion Ratio Lower Upper
95 100
174 98.8 0.0 197.0
176 92.3 0.0 182.6

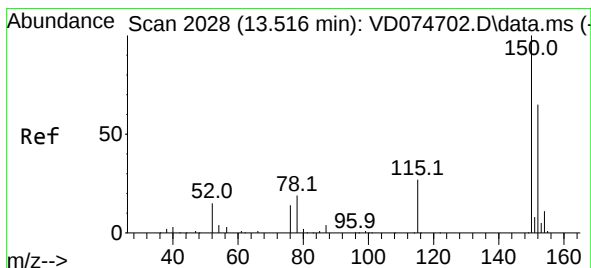
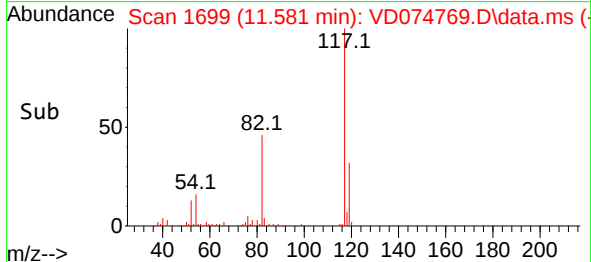
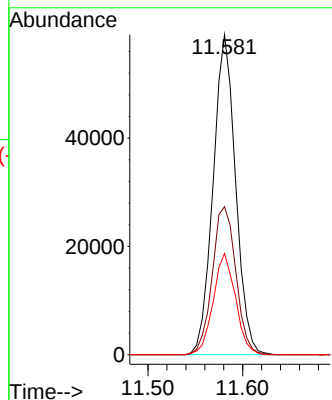
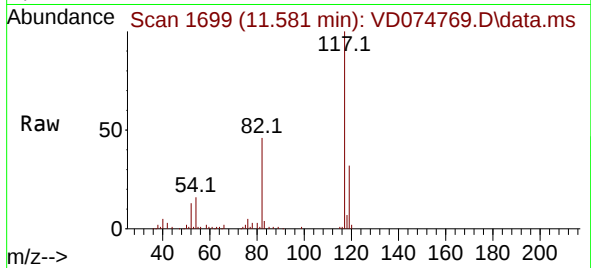




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074769.D
Acq: 07 Nov 2022 18:54

Instrument :
MSVOA_D
ClientSampleId :
SB-21

Tgt Ion:117 Resp: 97402
Ion Ratio Lower Upper
117 100
82 46.3 41.6 62.4
119 31.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074769.D
Acq: 07 Nov 2022 18:54

Tgt Ion:152 Resp: 36118
Ion Ratio Lower Upper
152 100
115 53.2 26.8 80.4
150 160.0 0.0 348.2

