

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074922.D
 Acq On : 12 Nov 2022 07:52
 Operator : VA/SY
 Sample : N5531-12RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-28ARE

Quant Time: Nov 14 01:00:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

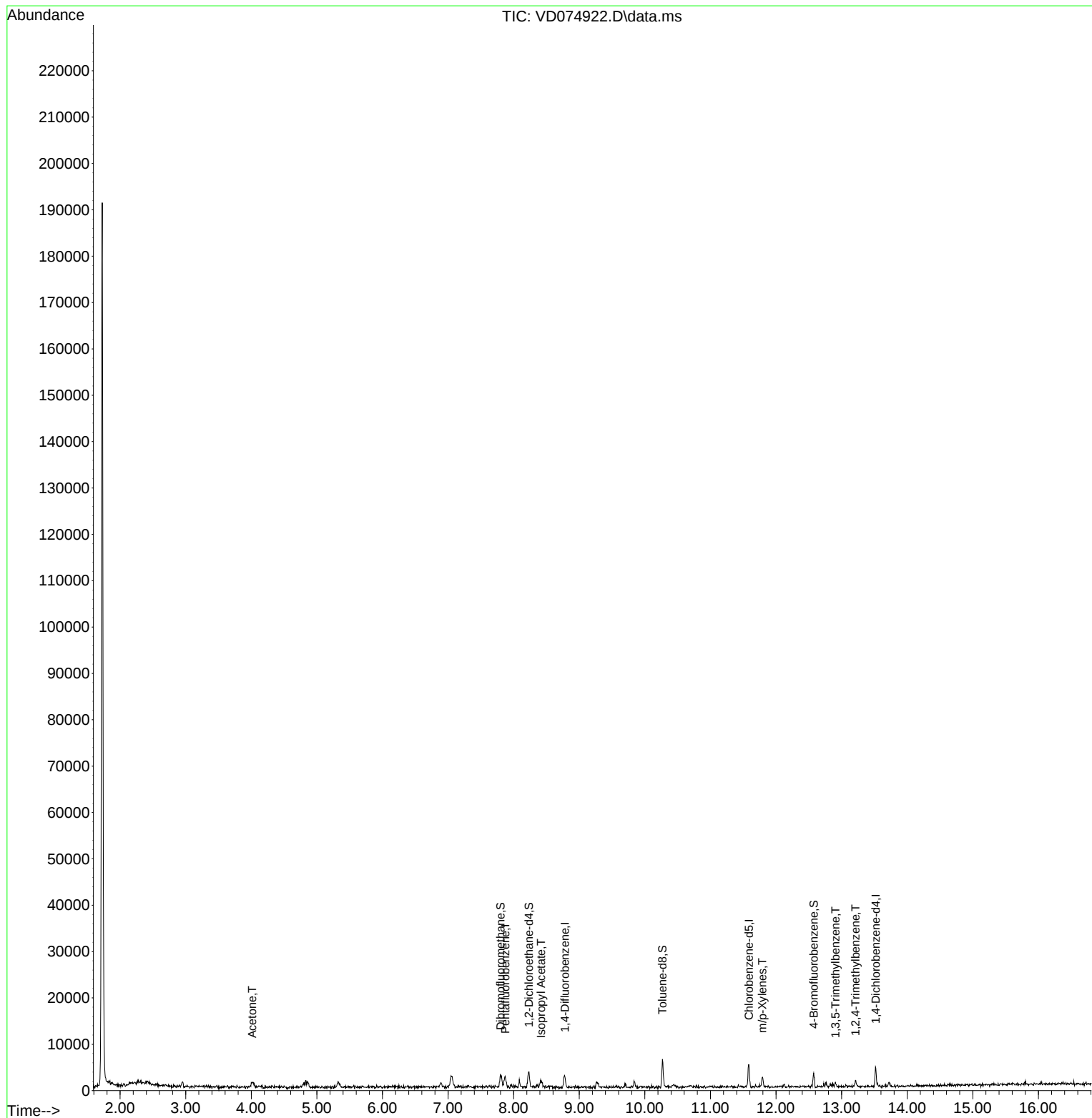
Internal Standards						
1) Pentafluorobenzene	7.875	168	2152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	3668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	3802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	1618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	2971	228.982	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	457.960%#
35) Dibromofluoromethane	7.799	113	2315	102.385	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	204.780%#
50) Toluene-d8	10.269	98	4455	59.814	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	119.620%
62) 4-Bromofluorobenzene	12.575	95	1207	52.775	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.560%
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	2173	611.668	ug/l #	85
43) Isopropyl Acetate	8.416	43	55	2.801	ug/l #	44
68) m/p-Xylenes	11.793	106	859	16.627	ug/l	87
80) 1,3,5-Trimethylbenzene	12.904	105	644	6.940	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	1237	13.479	ug/l	96

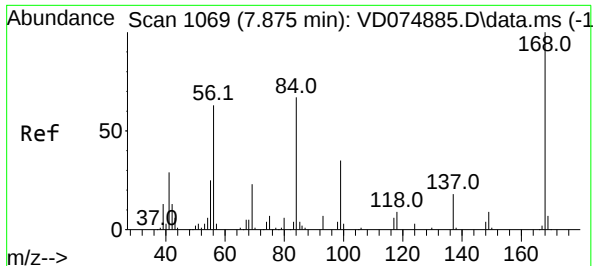
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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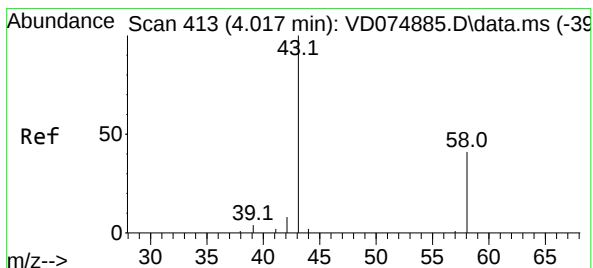
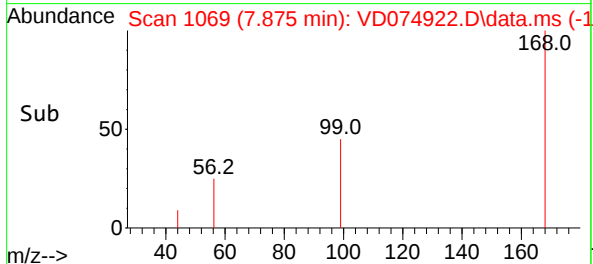
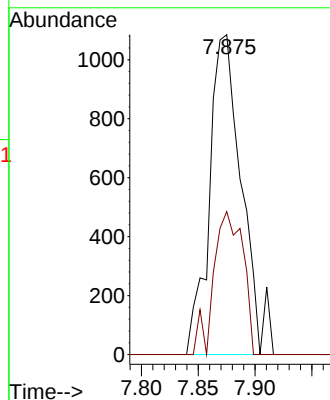
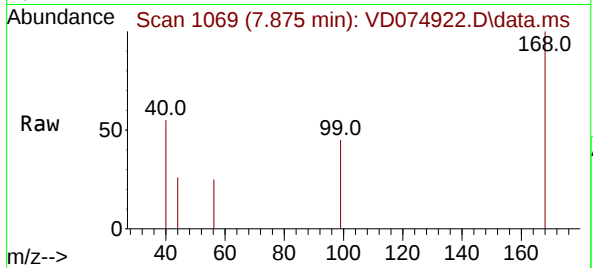




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074922.D
Acq: 12 Nov 2022 07:52

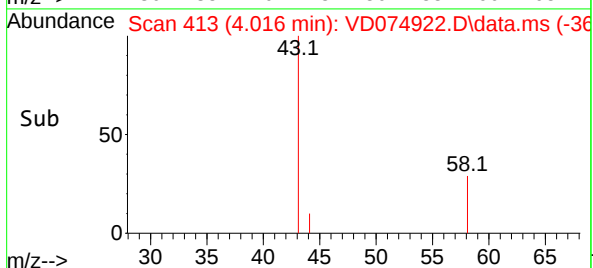
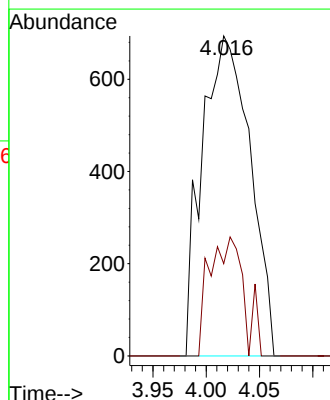
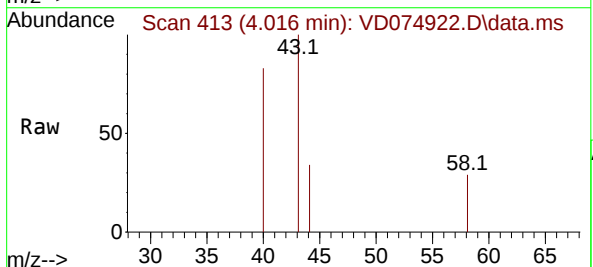
Instrument :
MSVOA_D
ClientSampleId :
SB-28ARE

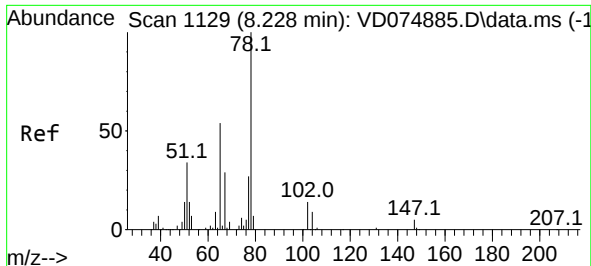
Tgt Ion:168 Resp: 2152
Ion Ratio Lower Upper
168 100
99 44.7 40.9 61.3



#16
Acetone
Concen: 611.668 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.001 min
Lab File: VD074922.D
Acq: 12 Nov 2022 07:52

Tgt Ion: 43 Resp: 2173
Ion Ratio Lower Upper
43 100
58 28.8 30.2 45.2#





#33

1,2-Dichloroethane-d4

Concen: 228.982 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074922.D

Acq: 12 Nov 2022 07:52

Instrument :

MSVOA_D

ClientSampleId :

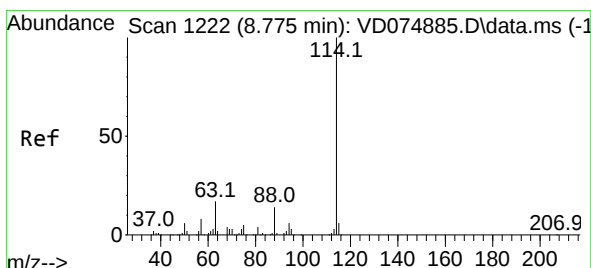
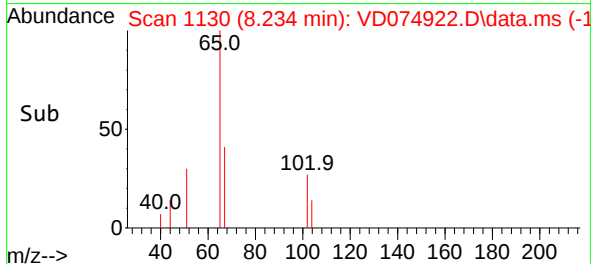
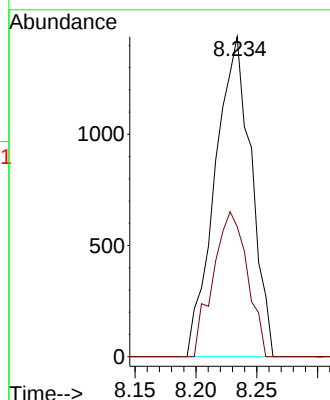
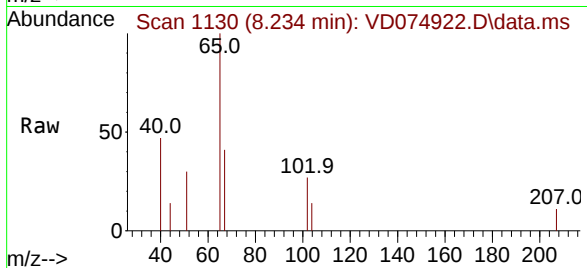
SB-28ARE

Tgt Ion: 65 Resp: 2971

Ion Ratio Lower Upper

65 100

67 43.0 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074922.D

Acq: 12 Nov 2022 07:52

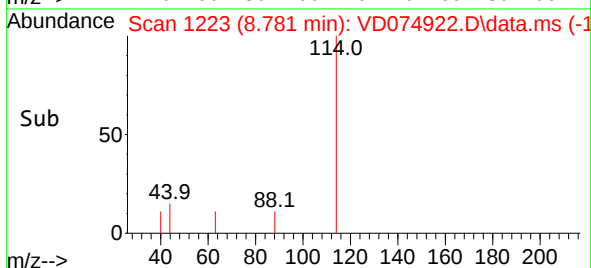
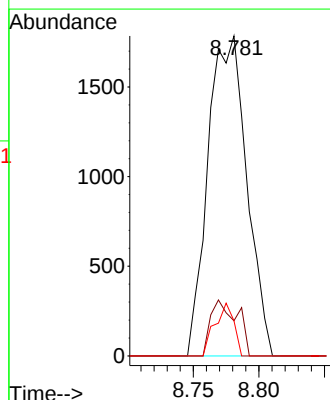
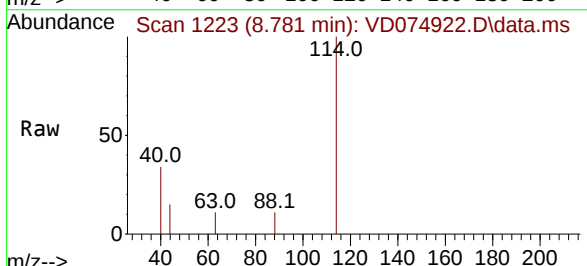
Tgt Ion: 114 Resp: 3668

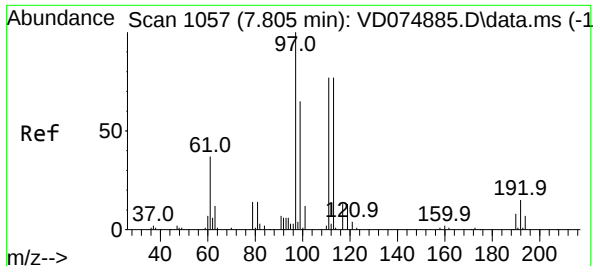
Ion Ratio Lower Upper

114 100

63 11.0 0.0 33.2

88 11.0 0.0 28.2





#35

Dibromofluoromethane

Concen: 102.385 ug/l

RT: 7.799 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VD074922.D

Acq: 12 Nov 2022 07:52

Instrument :

MSVOA_D

ClientSampleId :

SB-28ARE

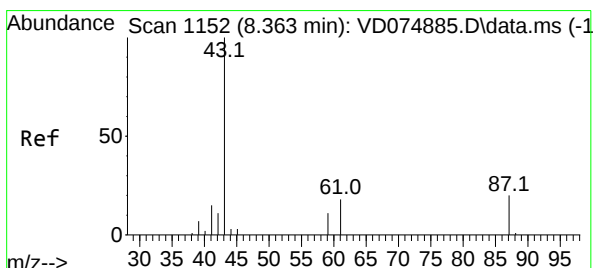
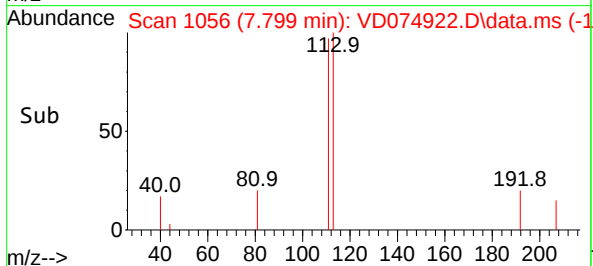
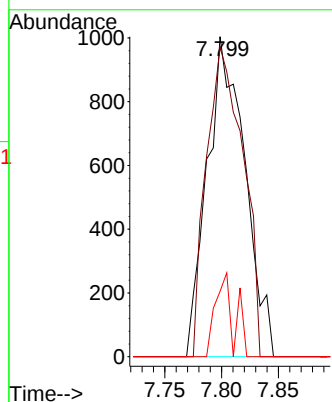
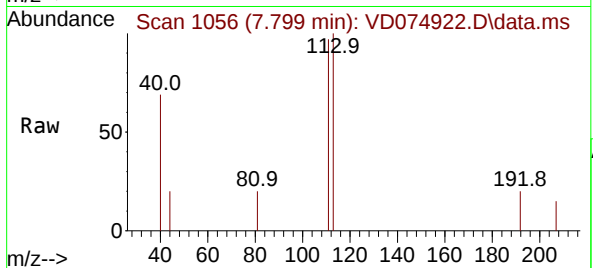
Tgt Ion:113 Resp: 2315

Ion Ratio Lower Upper

113 100

111 94.2 82.3 123.5

192 12.7 16.4 24.6#



#43

Isopropyl Acetate

Concen: 2.801 ug/l

RT: 8.416 min Scan# 1161

Delta R.T. 0.053 min

Lab File: VD074922.D

Acq: 12 Nov 2022 07:52

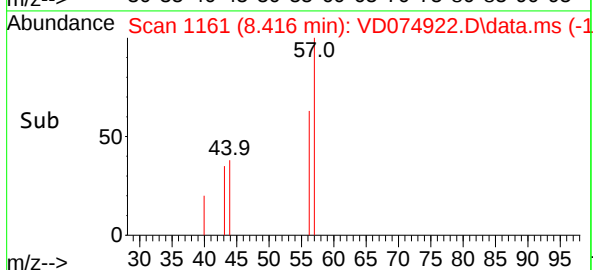
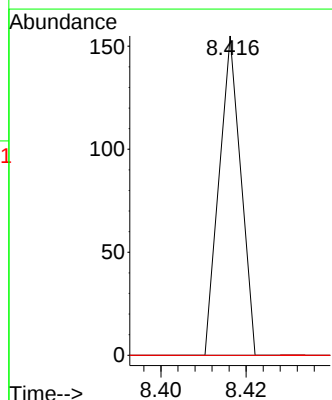
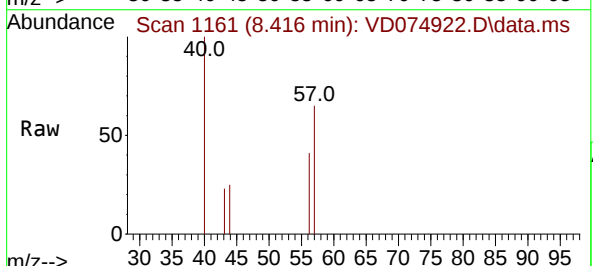
Tgt Ion: 43 Resp: 55

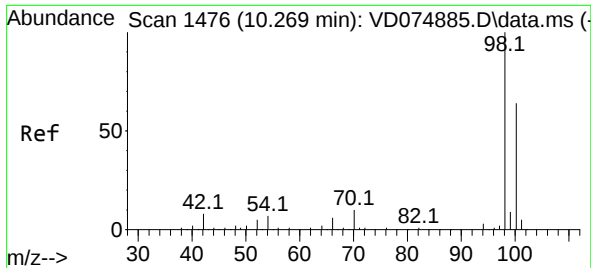
Ion Ratio Lower Upper

43 100

61 0.0 30.9 46.3#

87 0.0 14.3 21.5#

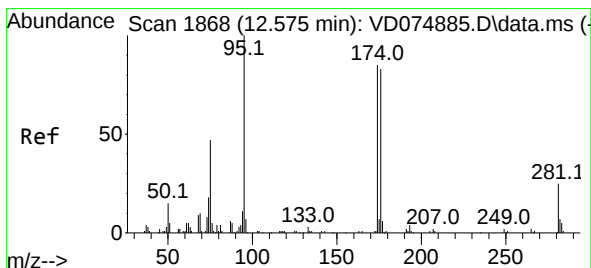
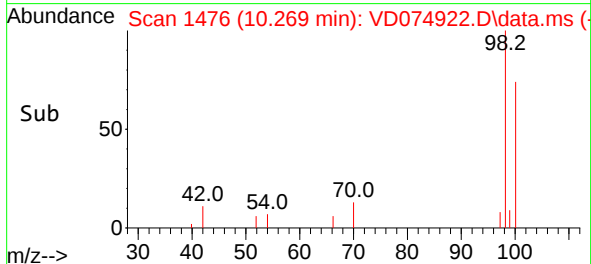
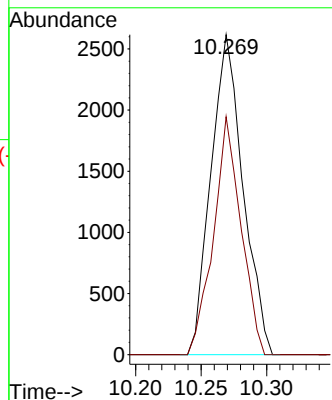
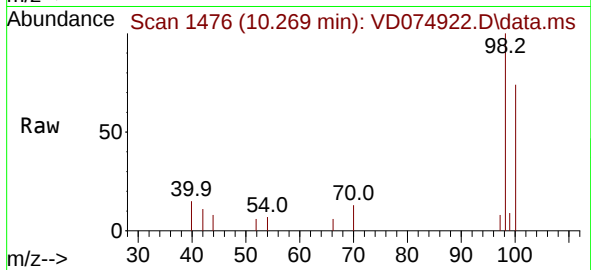




#50
Toluene-d8
Concen: 59.814 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074922.D
Acq: 12 Nov 2022 07:52

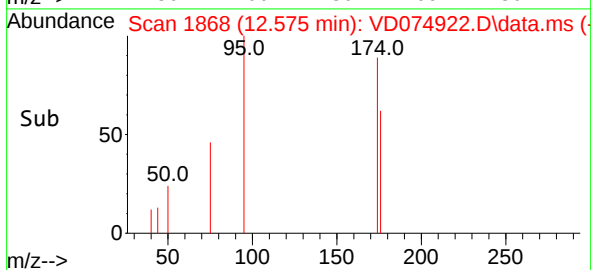
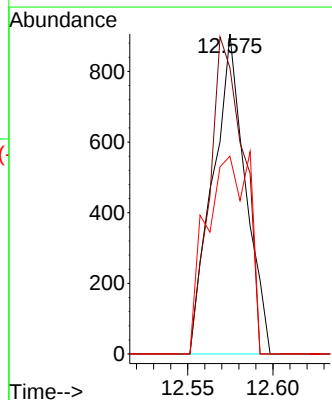
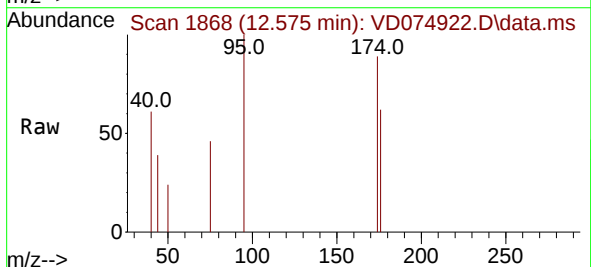
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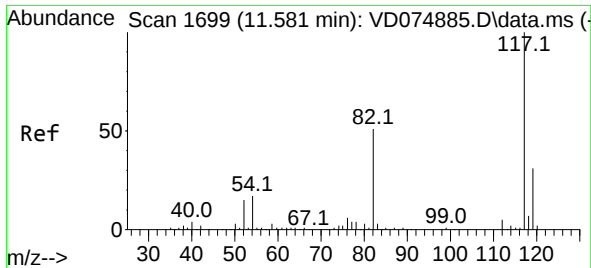
Tgt Ion: 98 Resp: 4455
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 52.775 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074922.D
Acq: 12 Nov 2022 07:52

Tgt Ion: 95 Resp: 1207
Ion Ratio Lower Upper
95 100
174 103.0 0.0 197.0
176 82.9 0.0 182.6

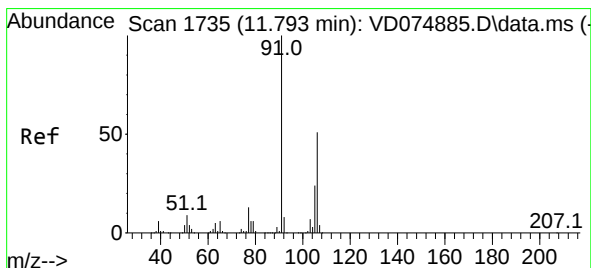
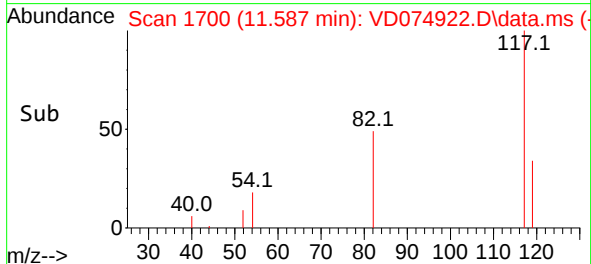
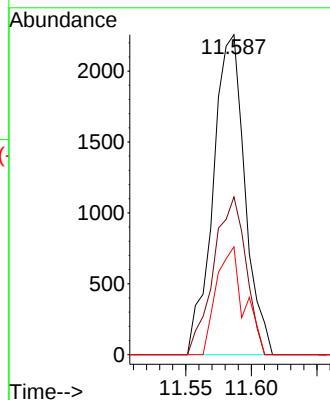
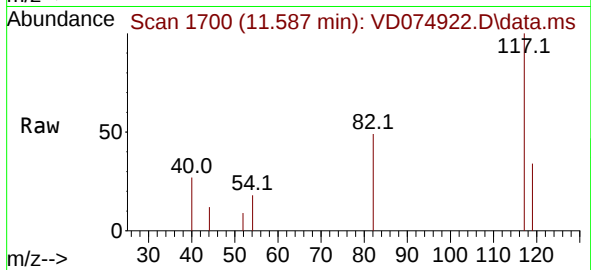




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD074922.D
Acq: 12 Nov 2022 07:52

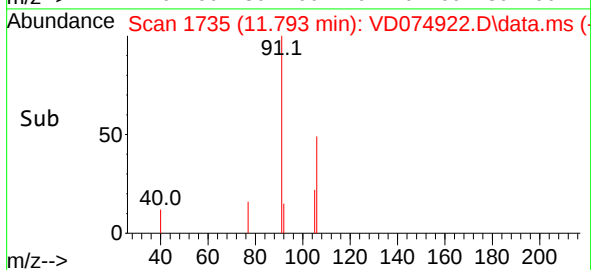
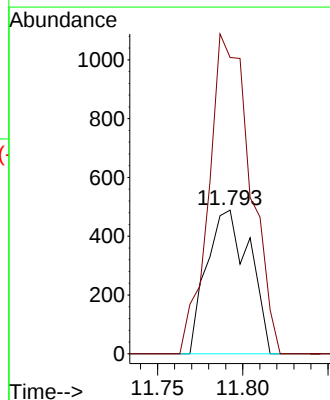
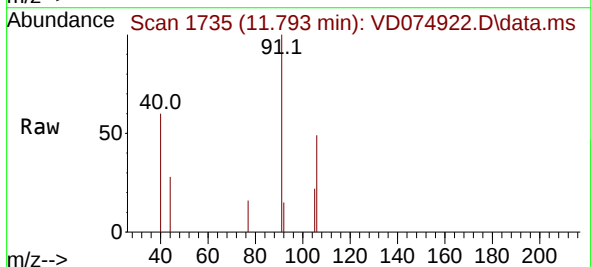
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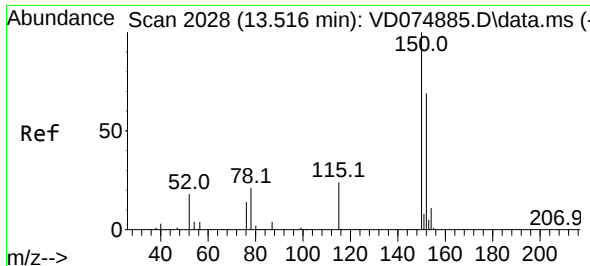
Tgt Ion:117 Resp: 3802
Ion Ratio Lower Upper
117 100
82 49.3 41.6 62.4
119 33.7 25.2 37.8



#68
m/p-Xylenes
Concen: 16.627 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD074922.D
Acq: 12 Nov 2022 07:52

Tgt Ion:106 Resp: 859
Ion Ratio Lower Upper
106 100
91 215.0 156.2 234.4

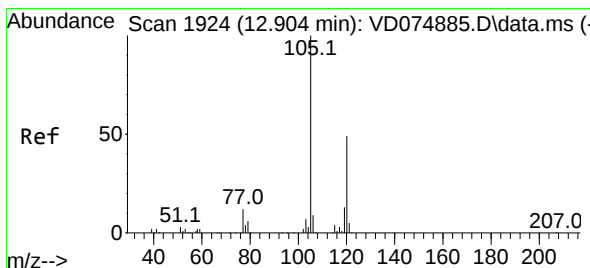
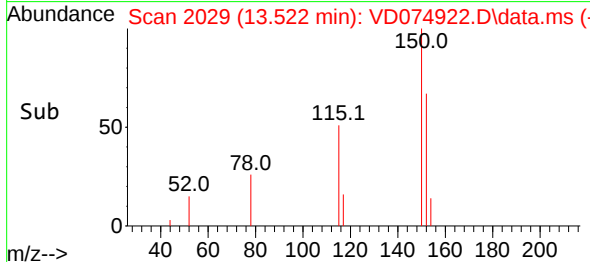
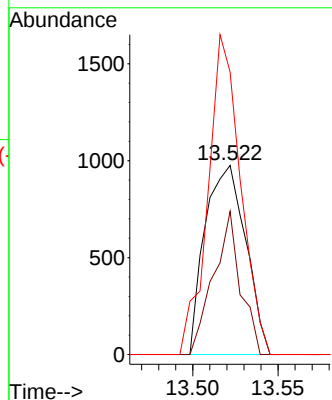
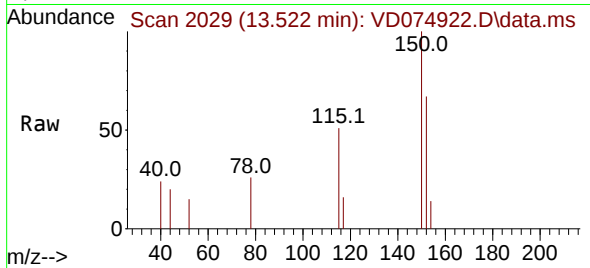




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2028
 Delta R.T. 0.006 min
 Lab File: VD074922.D
 Acq: 12 Nov 2022 07:52

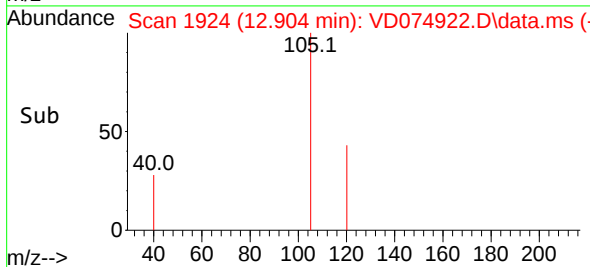
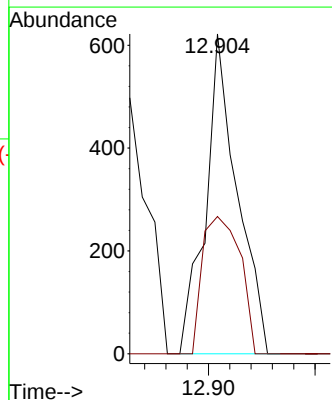
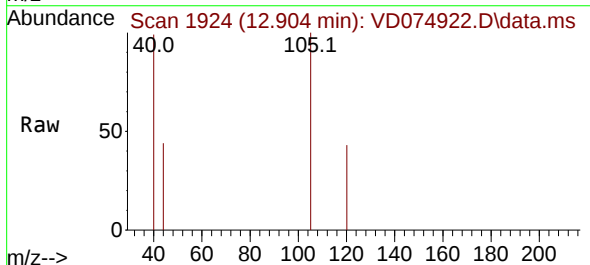
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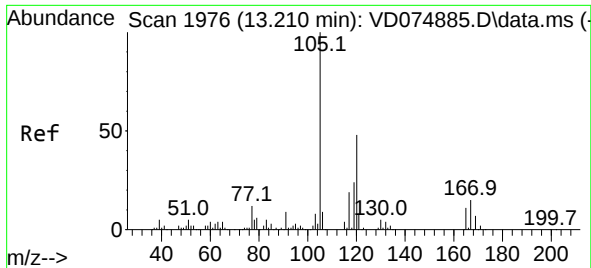
Tgt Ion:152 Resp: 1618
 Ion Ratio Lower Upper
 152 100
 115 50.2 26.8 80.4
 150 135.6 0.0 348.2



#80
 1,3,5-Trimethylbenzene
 Concen: 6.940 ug/l
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD074922.D
 Acq: 12 Nov 2022 07:52

Tgt Ion:105 Resp: 644
 Ion Ratio Lower Upper
 105 100
 120 51.1 25.7 77.0





#84
 1,2,4-Trimethylbenzene
 Concen: 13.479 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD074922.D
 Acq: 12 Nov 2022 07:52

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-28ARE

Tgt Ion:105 Resp: 1237
 Ion Ratio Lower Upper
 105 100
 120 42.9 22.9 68.7

