

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074857.D
 Acq On : 10 Nov 2022 06:20
 Operator : VA/SY
 Sample : N5537-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 360

Quant Time: Nov 10 06:41:18 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)

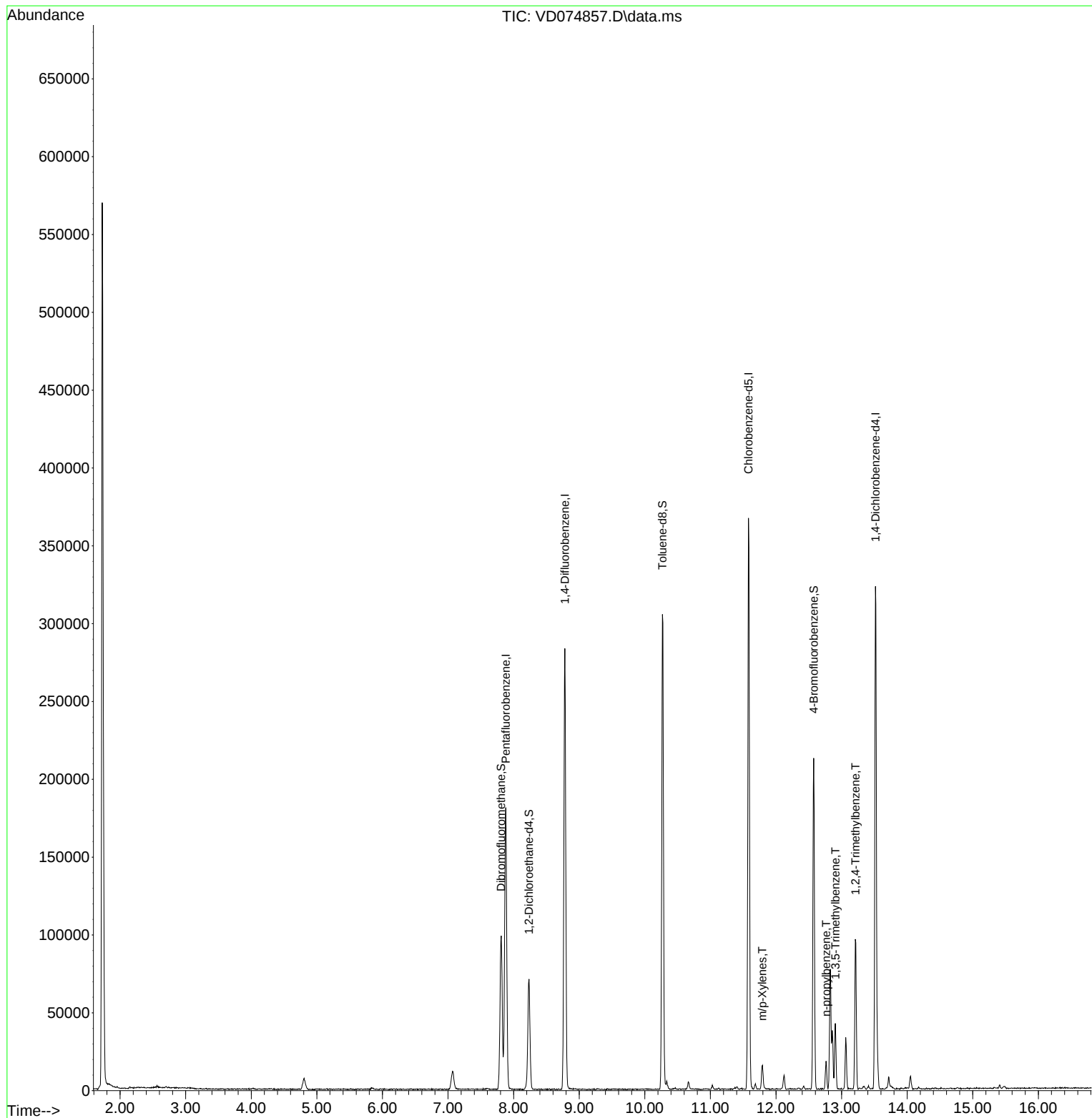
Internal Standards						
1) Pentafluorobenzene	7.881	168	147234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	268986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	229756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	93697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	54202	46.481	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.960%
35) Dibromofluoromethane	7.811	113	74042	46.533	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.060%
50) Toluene-d8	10.269	98	226839	39.083	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.160%
62) 4-Bromofluorobenzene	12.575	95	65542	39.110	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.220%
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.793	106	5132	1.603	ug/l	93
78) n-propylbenzene	12.763	91	15247	1.859	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	22747	4.073	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	56710	10.291	ug/l	99

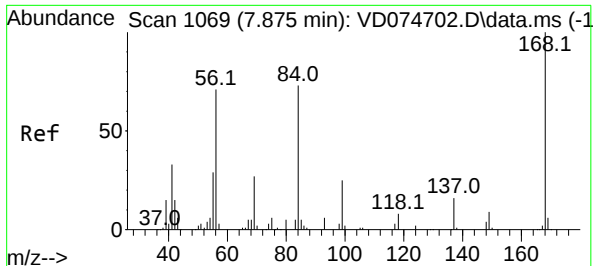
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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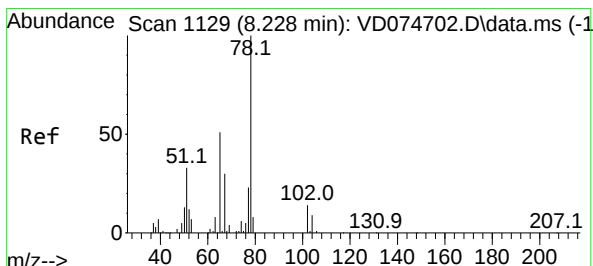
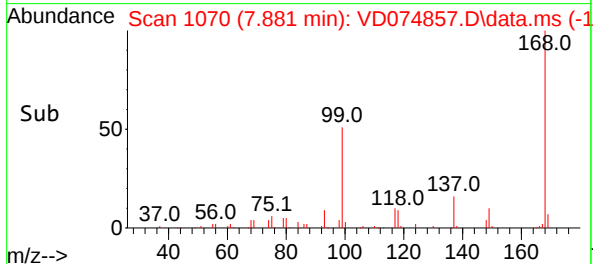
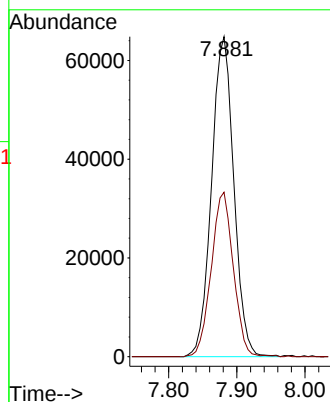
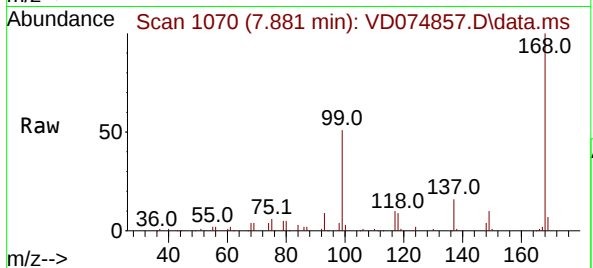




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD074857.D
Acq: 10 Nov 2022 06:20

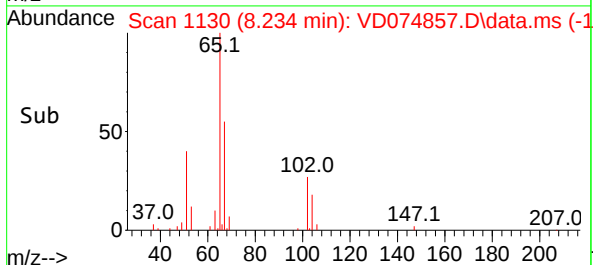
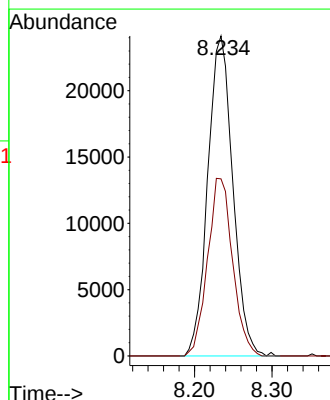
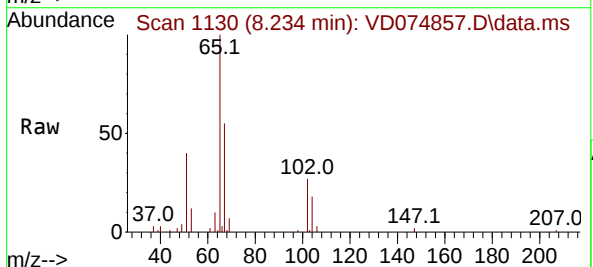
Instrument :
MSVOA_D
ClientSampleId :
360

Tgt Ion:168 Resp: 147234
Ion Ratio Lower Upper
168 100
99 51.4 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 46.481 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074857.D
Acq: 10 Nov 2022 06:20

Tgt Ion: 65 Resp: 54202
Ion Ratio Lower Upper
65 100
67 55.4 0.0 110.2

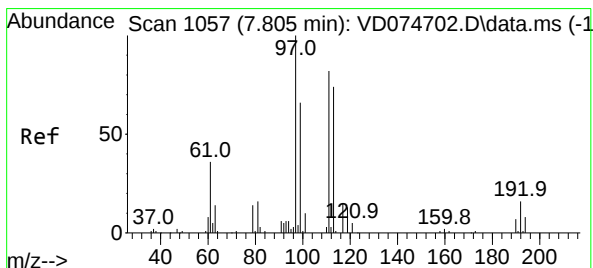
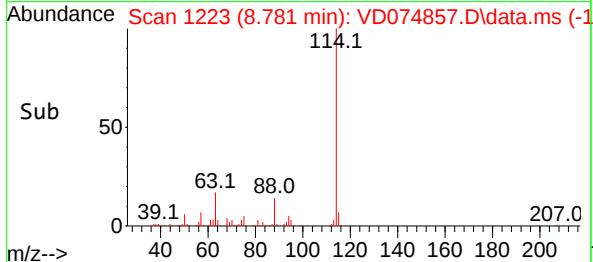
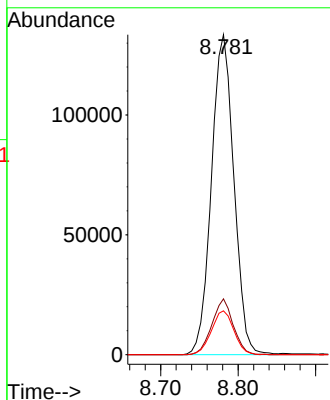
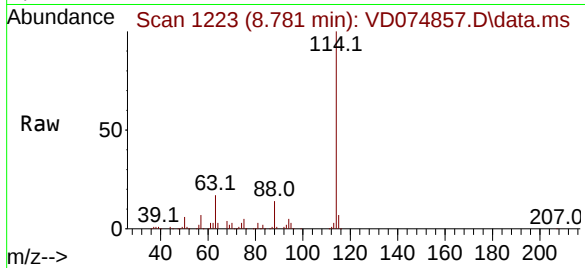




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074857.D
Acq: 10 Nov 2022 06:20

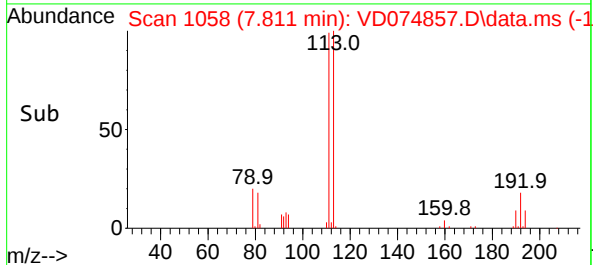
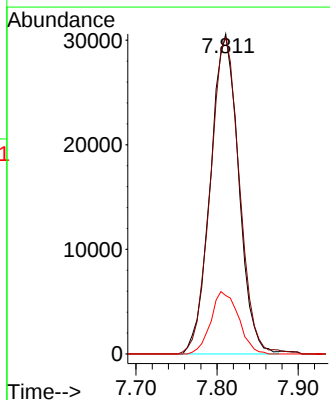
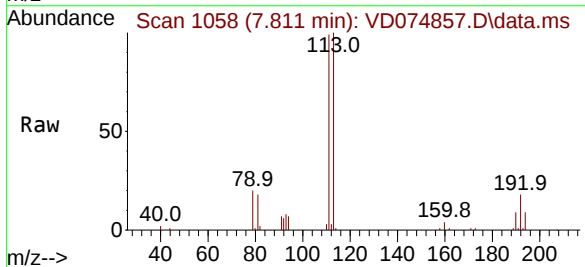
Instrument :
MSVOA_D
ClientSampleId :
360

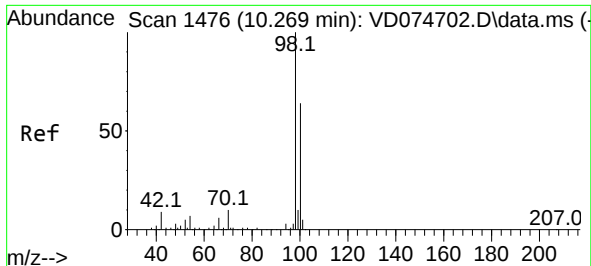
Tgt Ion:114 Resp: 268986
Ion Ratio Lower Upper
114 100
63 17.5 0.0 33.2
88 13.7 0.0 28.2



#35
Dibromofluoromethane
Concen: 46.533 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD074857.D
Acq: 10 Nov 2022 06:20

Tgt Ion:113 Resp: 74042
Ion Ratio Lower Upper
113 100
111 101.2 82.3 123.5
192 19.1 16.4 24.6

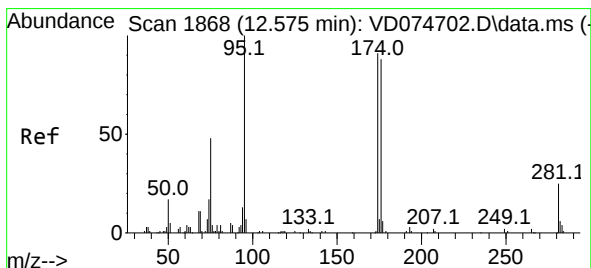
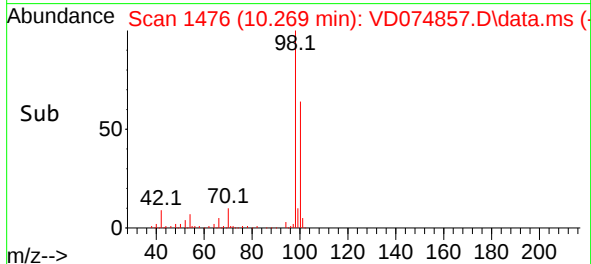
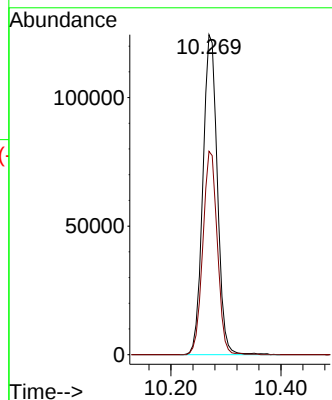
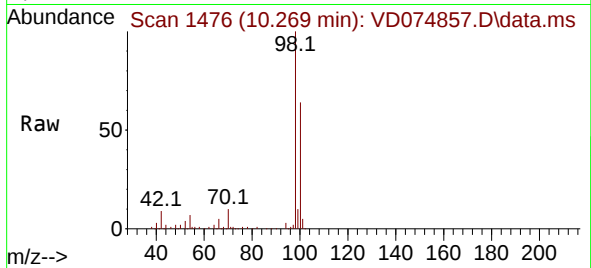




#50
Toluene-d8
Concen: 39.083 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074857.D
Acq: 10 Nov 2022 06:20

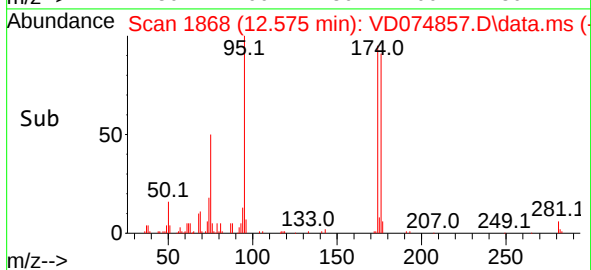
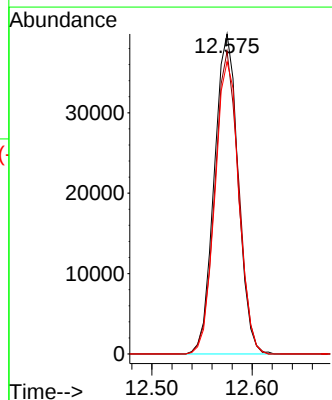
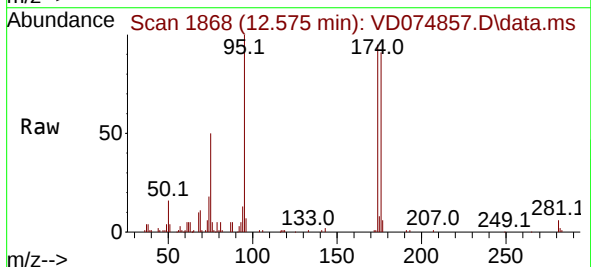
Instrument :
MSVOA_D
ClientSampleId :
360

Tgt Ion: 98 Resp: 226839
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 39.110 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074857.D
Acq: 10 Nov 2022 06:20

Tgt Ion: 95 Resp: 65542
Ion Ratio Lower Upper
95 100
174 94.5 0.0 197.0
176 92.0 0.0 182.6

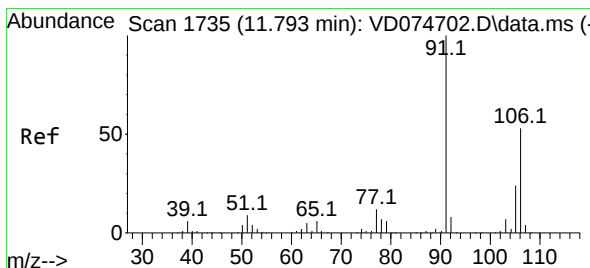
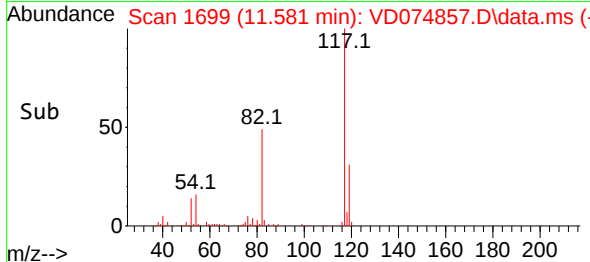
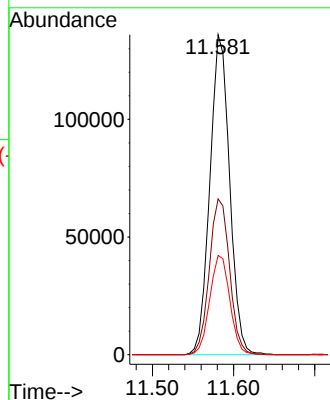
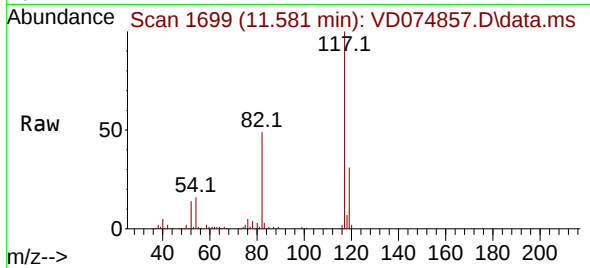




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074857.D
Acq: 10 Nov 2022 06:20

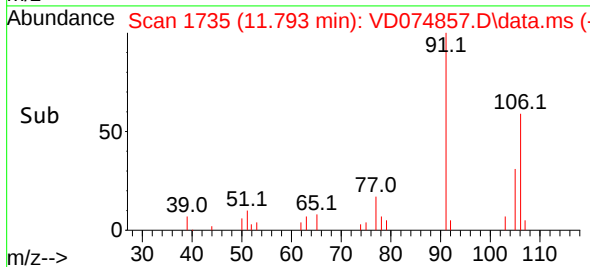
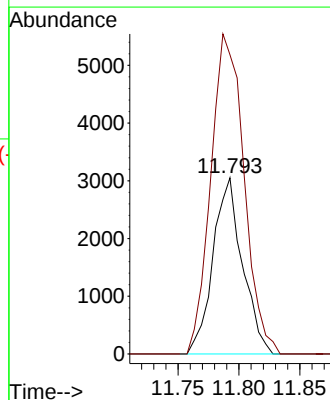
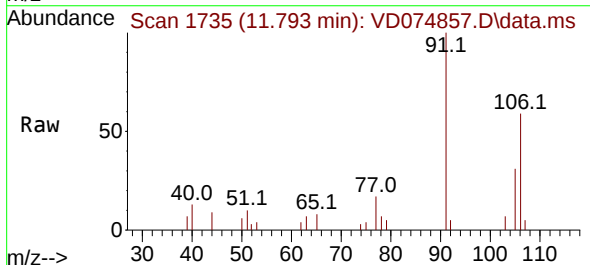
Instrument :
MSVOA_D
ClientSampleId :
360

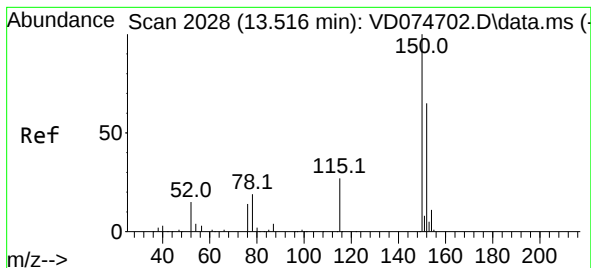
Tgt Ion:117 Resp: 229756
Ion Ratio Lower Upper
117 100
82 48.7 41.6 62.4
119 31.0 25.2 37.8



#68
m/p-Xylenes
Concen: 1.603 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD074857.D
Acq: 10 Nov 2022 06:20

Tgt Ion:106 Resp: 5132
Ion Ratio Lower Upper
106 100
91 205.2 156.2 234.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD074857.D

Acq: 10 Nov 2022 06:20

Instrument :

MSVOA_D

ClientSampleId :

360

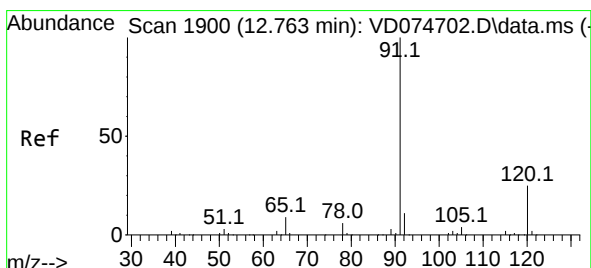
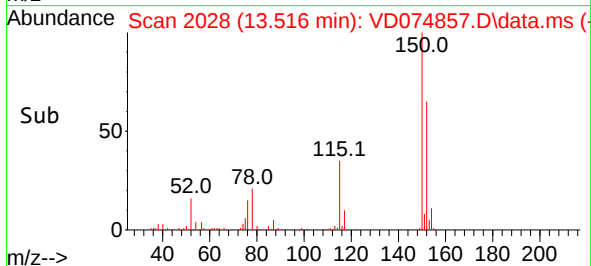
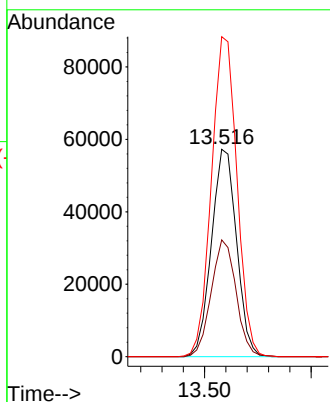
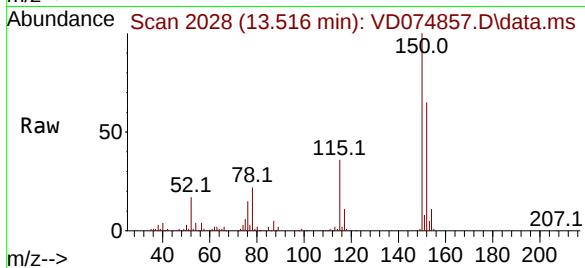
Tgt Ion:152 Resp: 93697

Ion Ratio Lower Upper

152 100

115 55.9 26.8 80.4

150 156.9 0.0 348.2



#78

n-propylbenzene

Concen: 1.859 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD074857.D

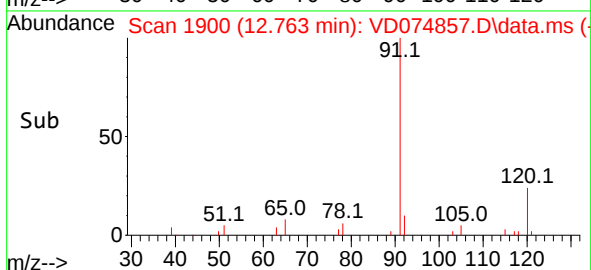
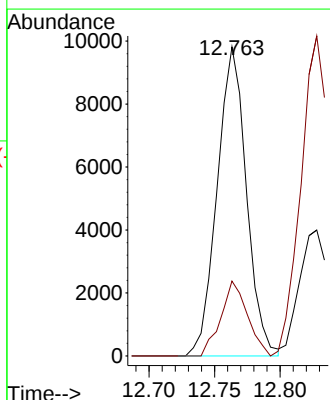
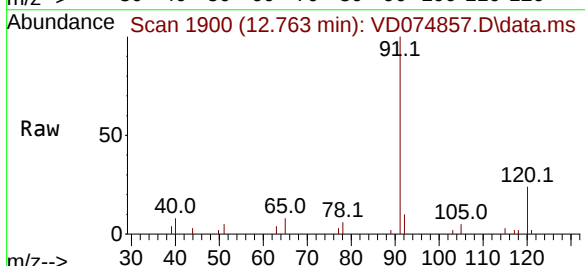
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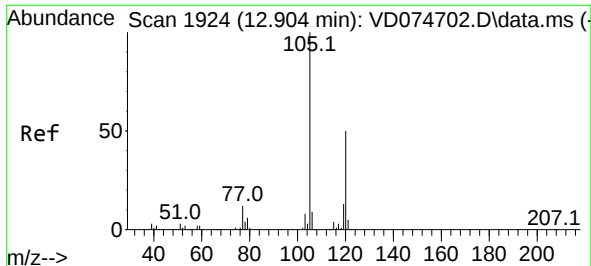
Tgt Ion: 91 Resp: 15247

Ion Ratio Lower Upper

91 100

120 22.0 11.9 35.7

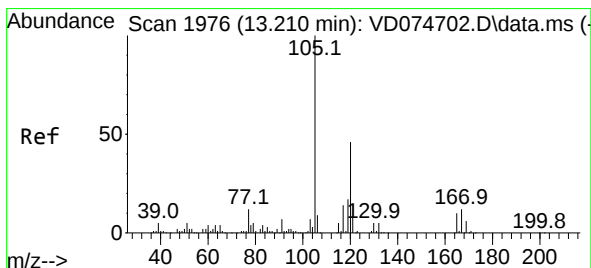
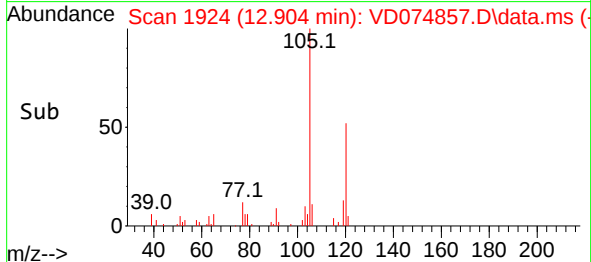
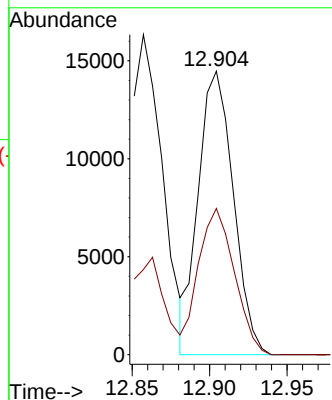
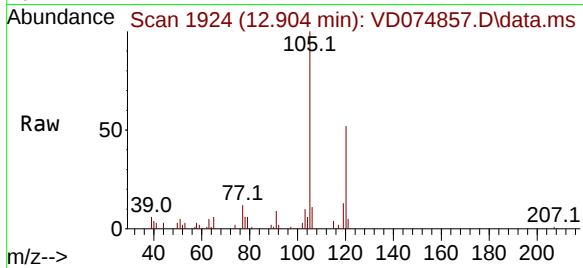




#80
1,3,5-Trimethylbenzene
Concen: 4.073 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD074857.D
Acq: 10 Nov 2022 06:20

Instrument :
MSVOA_D
ClientSampleId :
360

Tgt Ion:105 Resp: 22747
Ion Ratio Lower Upper
105 100
120 53.1 25.7 77.0



#84
1,2,4-Trimethylbenzene
Concen: 10.291 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD074857.D
Acq: 10 Nov 2022 06:20

Tgt Ion:105 Resp: 56710
Ion Ratio Lower Upper
105 100
120 46.7 22.9 68.7

