

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122822\
 Data File : VD075071.D
 Acq On : 28 Dec 2022 17:43
 Operator : KP/SY
 Sample : IBLK
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1229

Quant Time: Dec 29 03:52:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 23 05:54:19 2022
 Response via : Initial Calibration

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

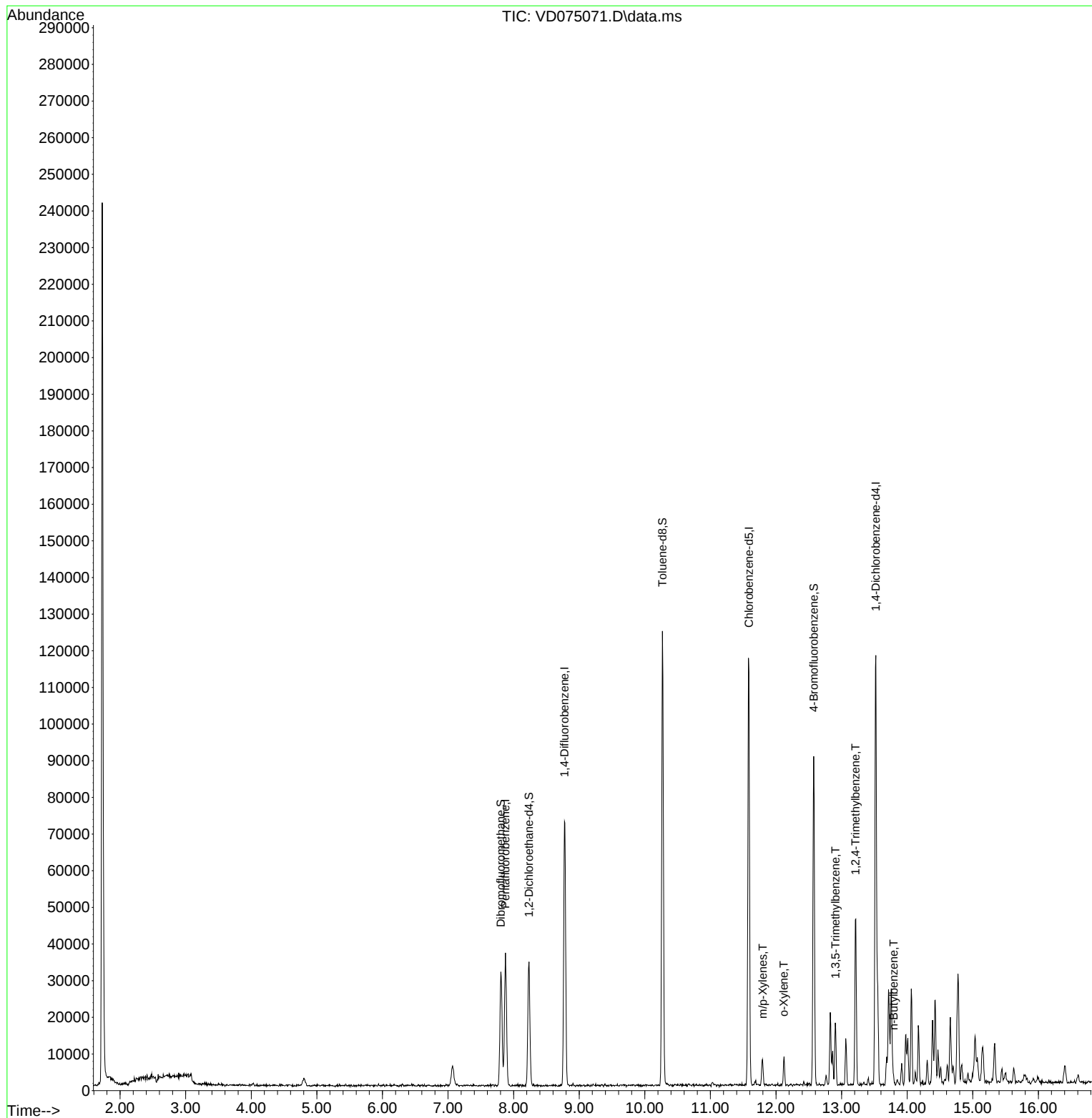
Internal Standards						
1) Pentafluorobenzene	7.875	168	26997	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	67347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	69283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	30922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	25804	97.784	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 195.560%#	
35) Dibromofluoromethane	7.805	113	23199	58.539	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.080%	
50) Toluene-d8	10.269	98	86757	54.181	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.360%	
62) 4-Bromofluorobenzene	12.575	95	31731	61.169	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 122.340%	
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.799	106	2398	2.731	ug/l	98
69) o-Xylene	12.116	106	2029	2.402	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	9104	4.762	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	25725	13.834	ug/l	98
89) n-Butylbenzene	13.793	91	2209	1.067	ug/l	# 80

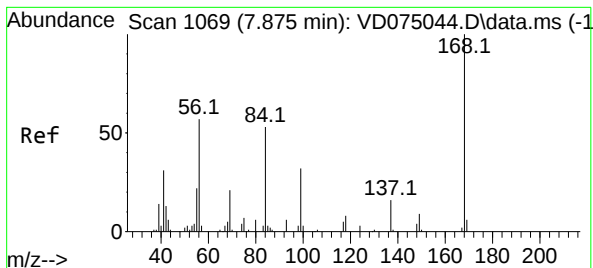
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 23 05:54:19 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075071.D

Acq: 28 Dec 2022 17:43

Instrument :

MSVOA_D

ClientSampleId :

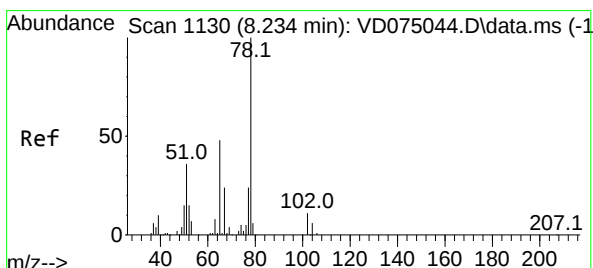
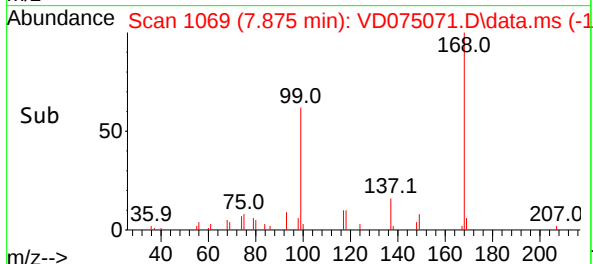
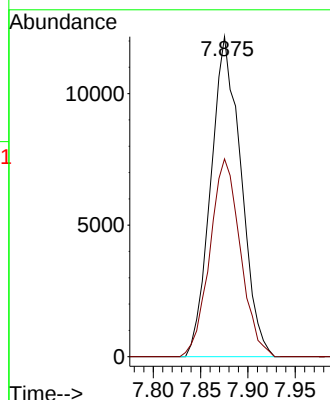
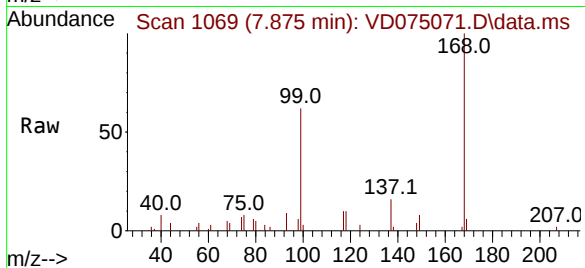
VD1229

Tgt Ion:168 Resp: 26997

Ion Ratio Lower Upper

168 100

99 61.8 40.3 60.5#



#33

1,2-Dichloroethane-d4

Concen: 97.784 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD075071.D

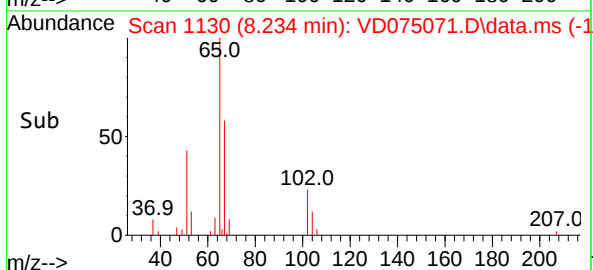
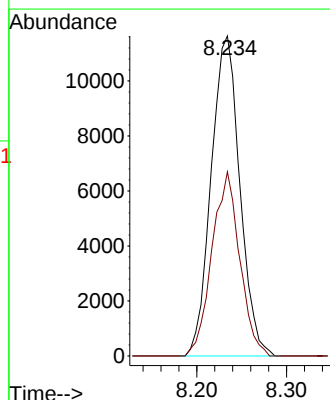
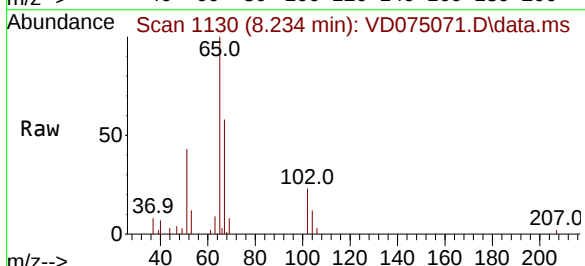
Acq: 28 Dec 2022 17:43

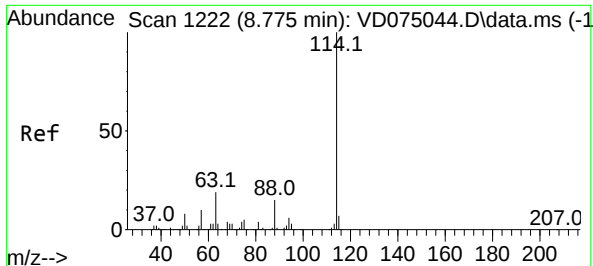
Tgt Ion: 65 Resp: 25804

Ion Ratio Lower Upper

65 100

67 55.7 0.0 111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075071.D

Acq: 28 Dec 2022 17:43

Instrument :

MSVOA_D

ClientSampleId :

VD1229

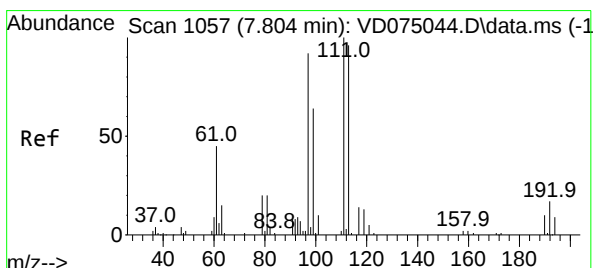
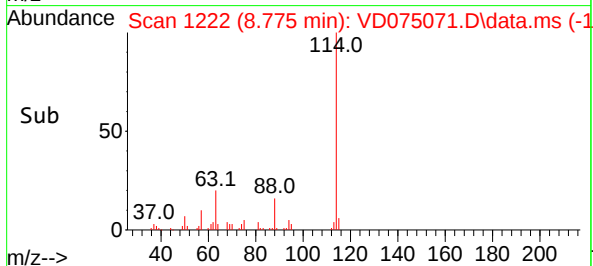
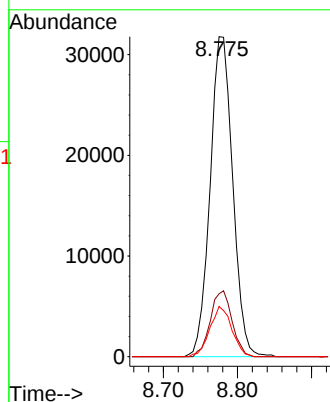
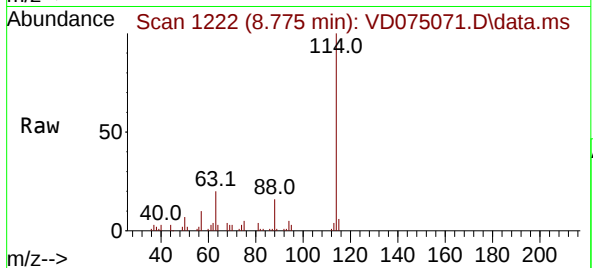
Tgt Ion:114 Resp: 67347

Ion Ratio Lower Upper

114 100

63 19.7 0.0 33.8

88 15.7 0.0 27.8



#35

Dibromofluoromethane

Concen: 58.539 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075071.D

Acq: 28 Dec 2022 17:43

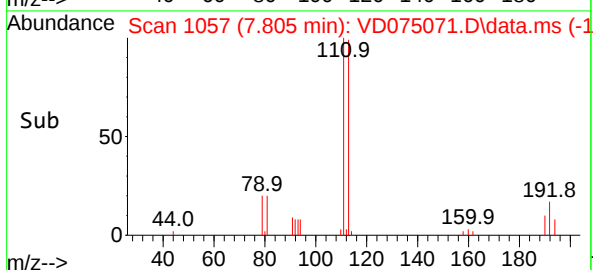
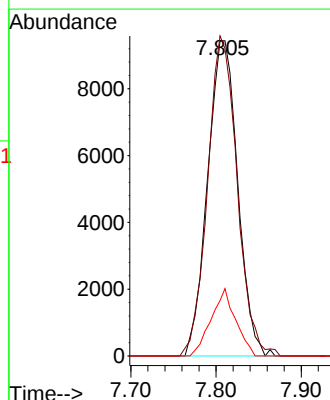
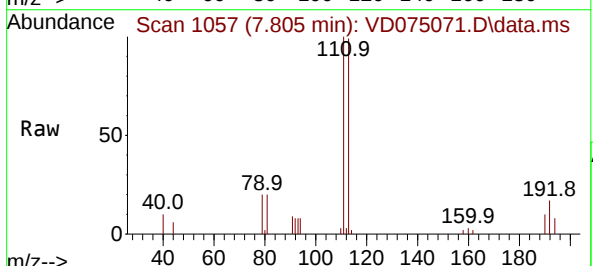
Tgt Ion:113 Resp: 23199

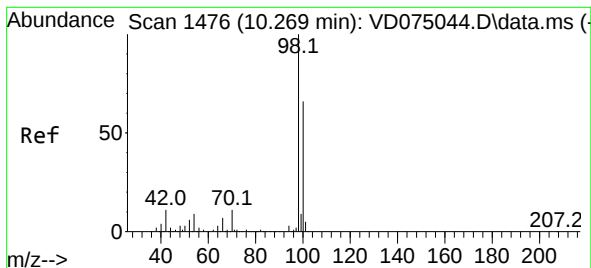
Ion Ratio Lower Upper

113 100

111 99.5 82.1 123.1

192 17.4 15.1 22.7





#50

Toluene-d8

Concen: 54.181 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075071.D

Acq: 28 Dec 2022 17:43

Instrument :

MSVOA_D

ClientSampleId :

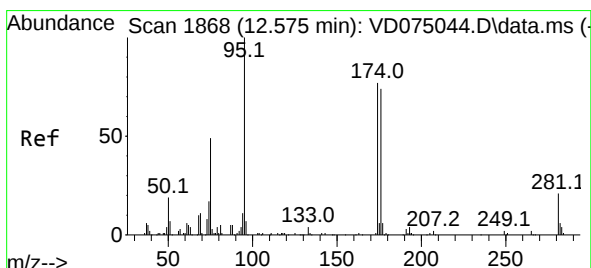
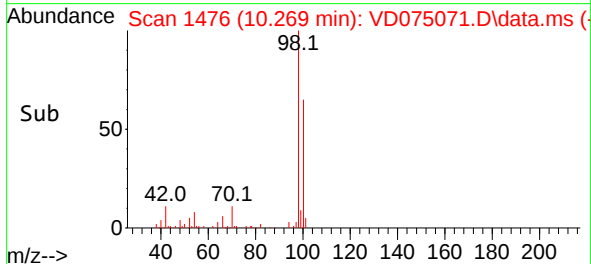
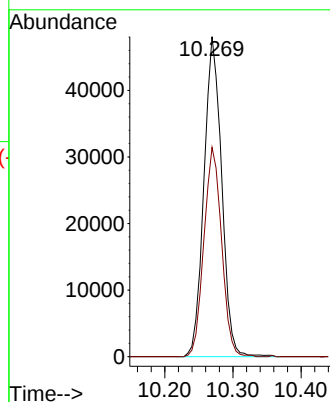
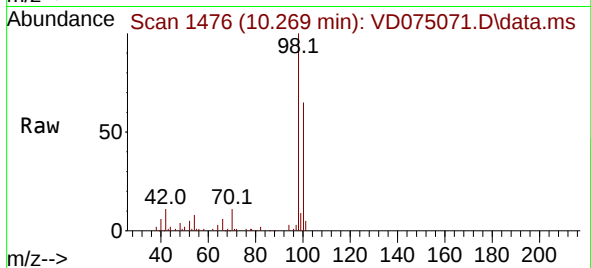
VD1229

Tgt Ion: 98 Resp: 86757

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 61.169 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075071.D

Acq: 28 Dec 2022 17:43

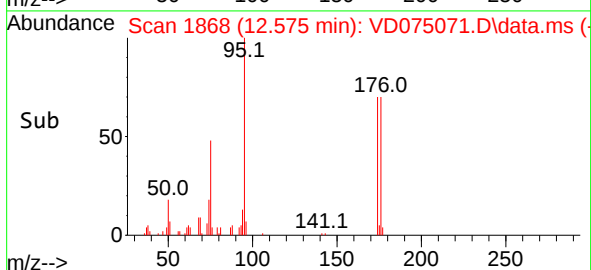
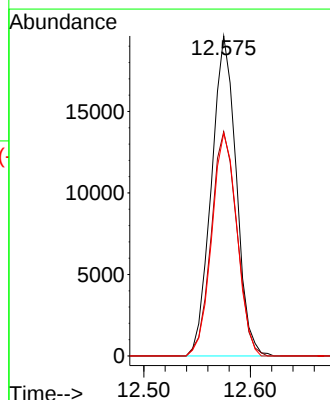
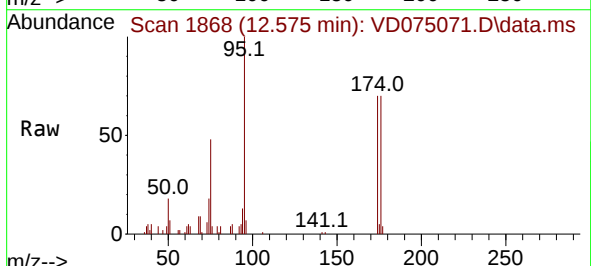
Tgt Ion: 95 Resp: 31731

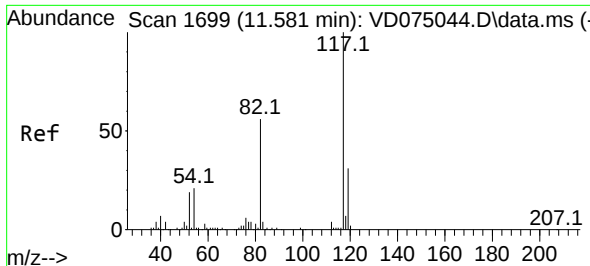
Ion Ratio Lower Upper

95 100

174 72.2 0.0 171.2

176 70.4 0.0 165.0

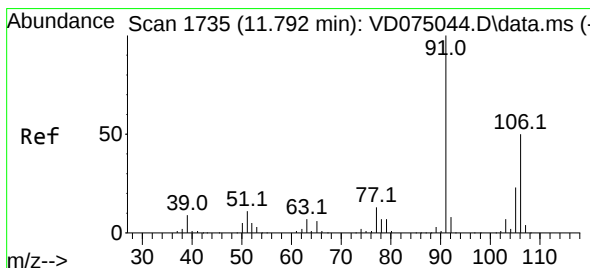
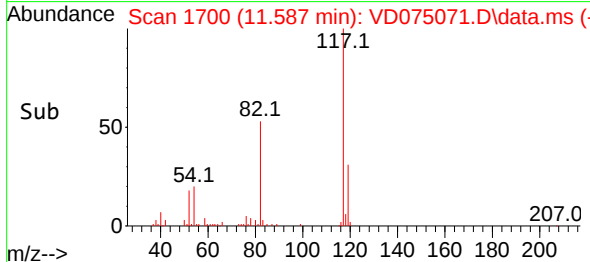
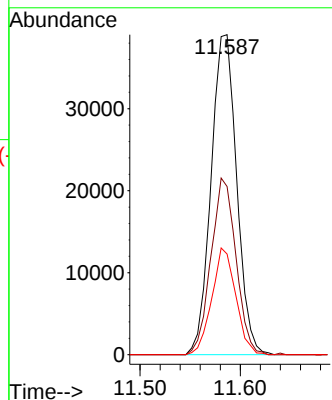
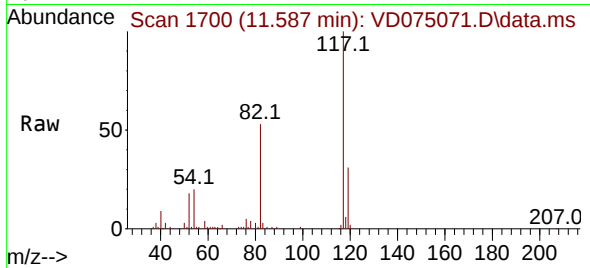




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD075071.D
Acq: 28 Dec 2022 17:43

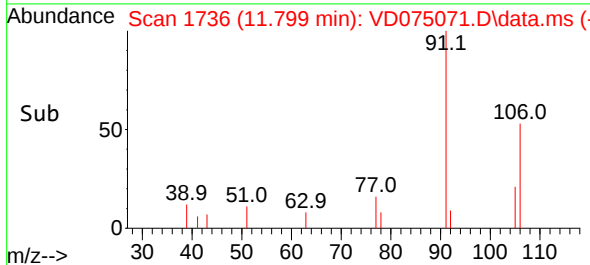
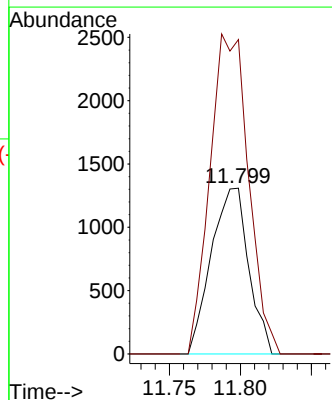
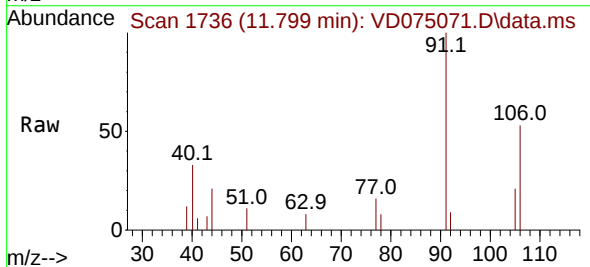
Instrument :
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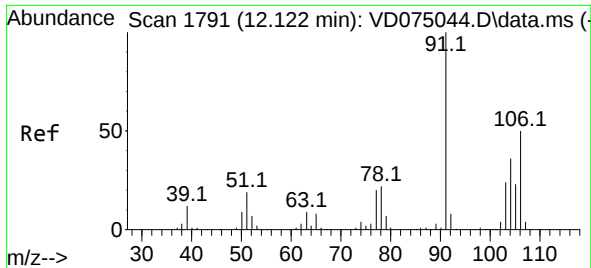
Tgt Ion:117 Resp: 69283
Ion Ratio Lower Upper
117 100
82 52.5 40.9 61.3
119 31.5 25.5 38.3



#68
m/p-Xylenes
Concen: 2.731 ug/l
RT: 11.799 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD075071.D
Acq: 28 Dec 2022 17:43

Tgt Ion:106 Resp: 2398
Ion Ratio Lower Upper
106 100
91 198.8 156.3 234.5

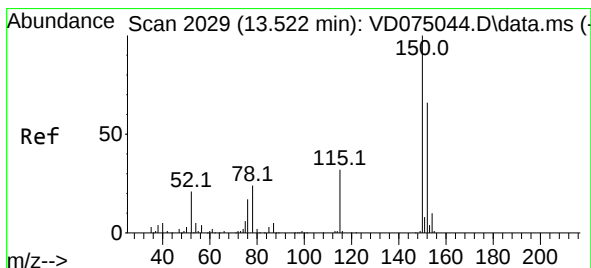
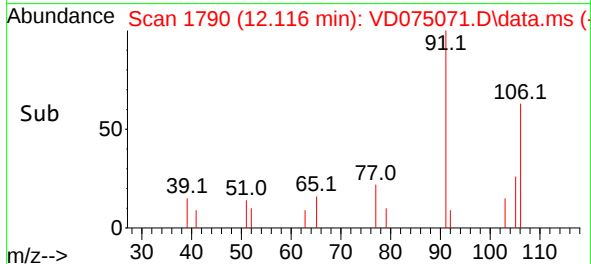
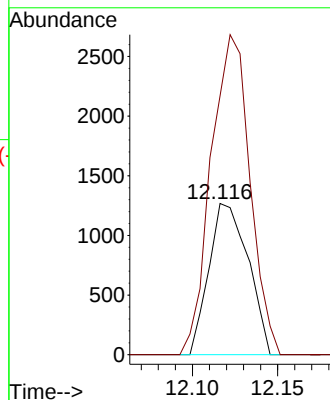
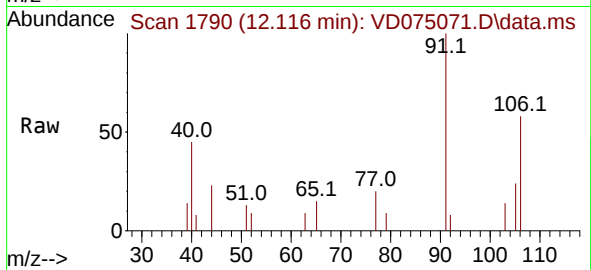




#69
o-Xylene
Concen: 2.402 ug/l
RT: 12.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075071.D
Acq: 28 Dec 2022 17:43

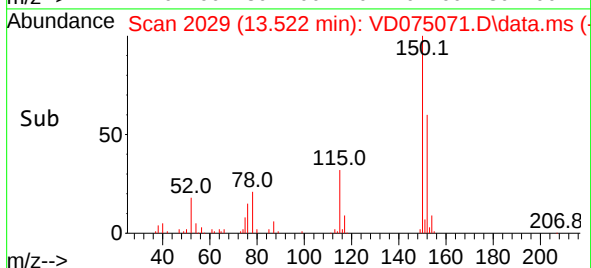
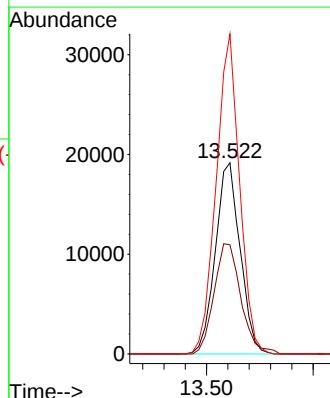
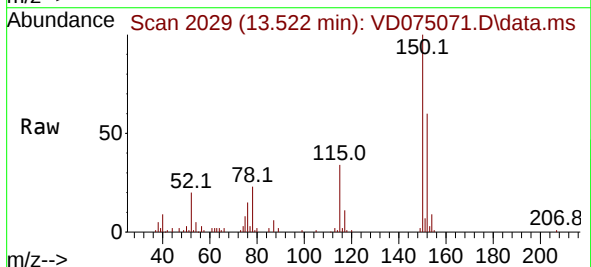
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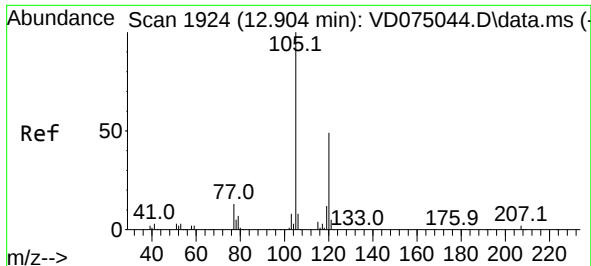
Tgt Ion:106 Resp: 2029
Ion Ratio Lower Upper
106 100
91 210.4 102.7 308.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD075071.D
Acq: 28 Dec 2022 17:43

Tgt Ion:152 Resp: 30922
Ion Ratio Lower Upper
152 100
115 62.4 28.8 86.5
150 158.2 0.0 354.2

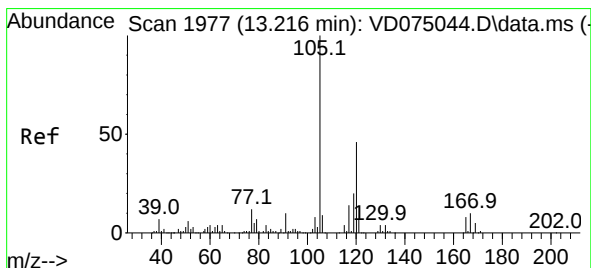
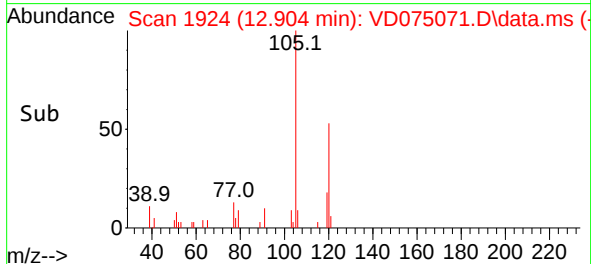
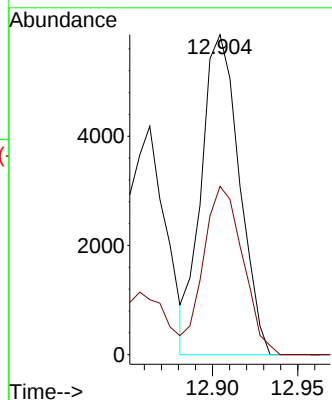
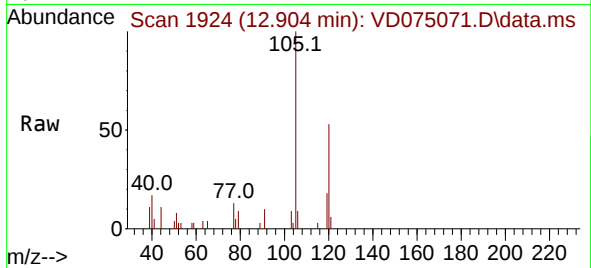




#80
 1,3,5-Trimethylbenzene
 Concen: 4.762 ug/l
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD075071.D
 Acq: 28 Dec 2022 17:43

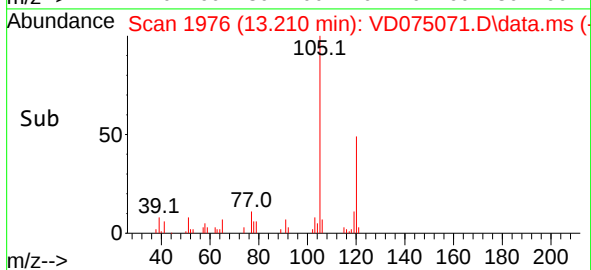
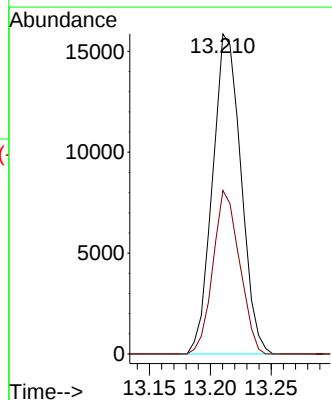
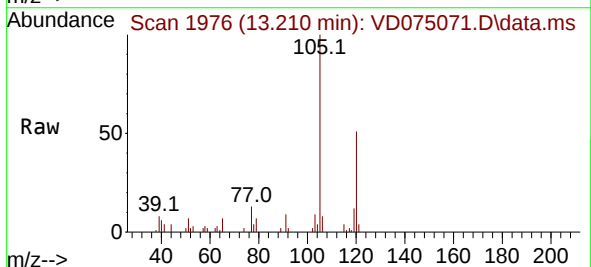
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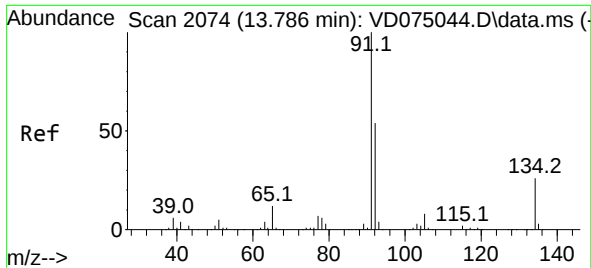
Tgt Ion:105 Resp: 9104
 Ion Ratio Lower Upper
 105 100
 120 54.6 25.1 75.3



#84
 1,2,4-Trimethylbenzene
 Concen: 13.834 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD075071.D
 Acq: 28 Dec 2022 17:43

Tgt Ion:105 Resp: 25725
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.1 69.3





#89

n-Butylbenzene

Concen: 1.067 ug/l

RT: 13.793 min Scan# 20

Delta R.T. 0.006 min

Lab File: VD075071.D

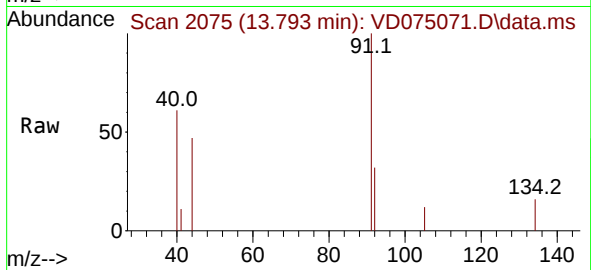
Acq: 28 Dec 2022 17:43

Instrument :

MSVOA_D

ClientSampleId :

VD1229



Tgt Ion: 91 Resp: 2209

Ion Ratio Lower Upper

91 100

92 50.0 26.8 80.3

134 0.0 13.3 39.8#

