

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072815.D
 Acq On : 05 May 2022 17:39
 Operator : VA/SY
 Sample : N2672-08
 Misc : 6.90G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 08

Quant Time: May 06 03:51:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

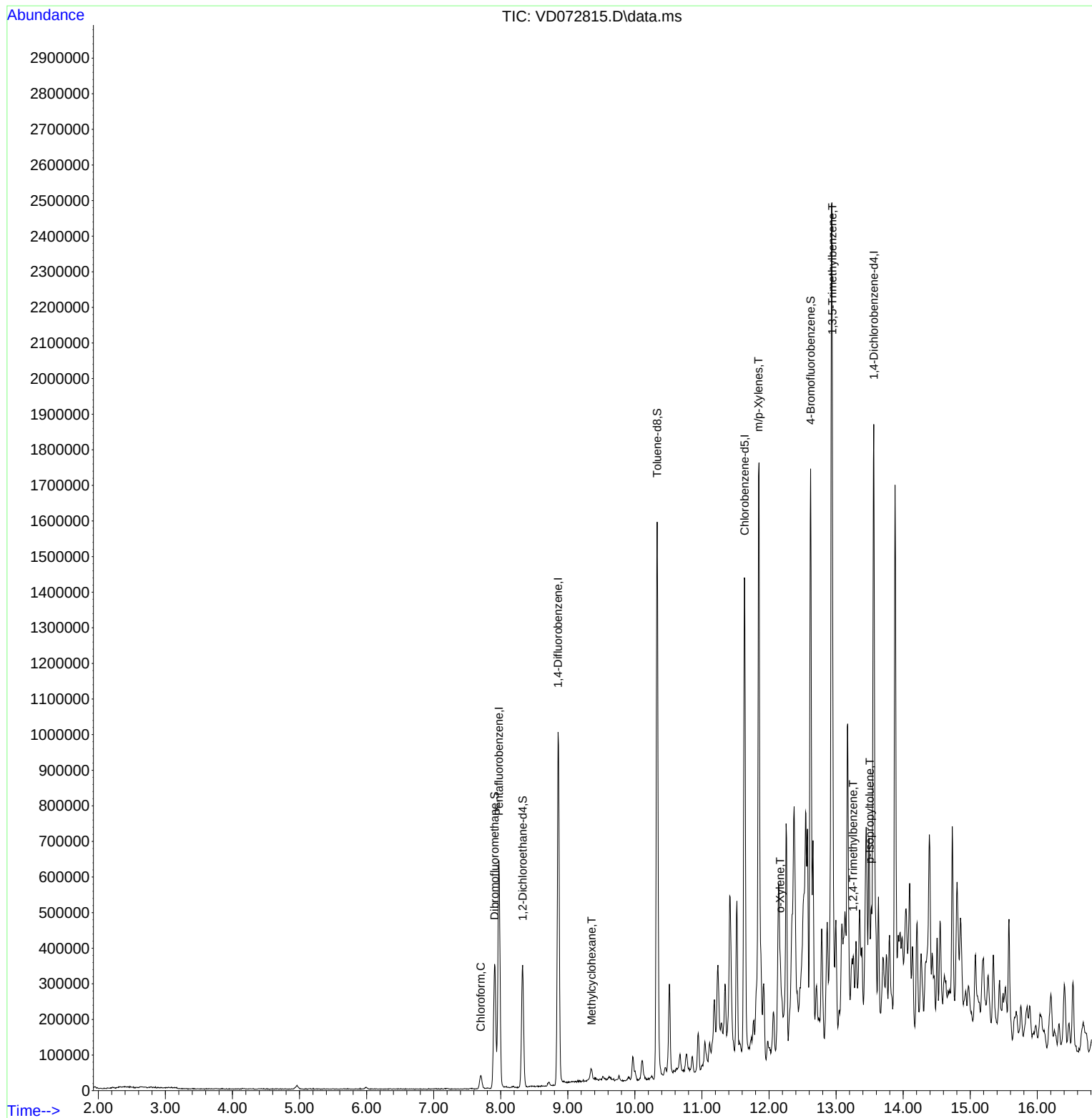
Internal Standards						
1) Pentafluorobenzene	7.973	168	444757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	808289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	774127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	349592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	271417	47.013	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.020%
35) Dibromofluoromethane	7.909	113	254873	44.898	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.800%
50) Toluene-d8	10.332	98	994817	48.854	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.700%
62) 4-Bromofluorobenzene	12.620	95	384856	50.687	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.380%
Target Compounds						Qvalue
30) Chloroform	7.703	83	31156	2.573	ug/l	94
39) Methylcyclohexane	9.355	83	12039	1.124	ug/l #	85
68) m/p-Xylenes	11.844	106	16343	1.369	ug/l	87
69) o-Xylene	12.167	106	22199	1.991	ug/l	86
80) 1,3,5-Trimethylbenzene	12.944	105	95311	4.133	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	91095	3.952	ug/l	99
86) p-Isopropyltoluene	13.502	119	31029	1.280	ug/l	91

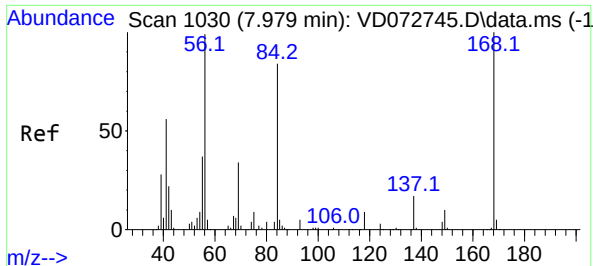
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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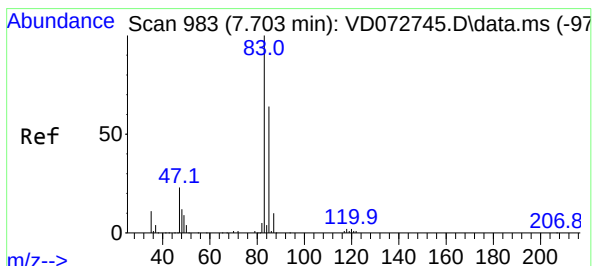
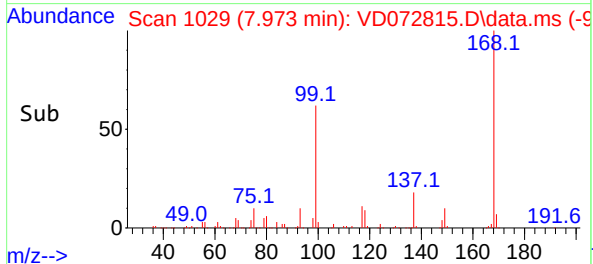
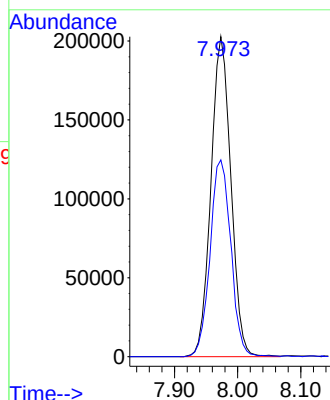
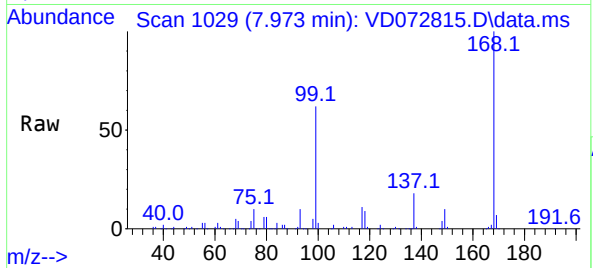




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072815.D
Acq: 05 May 2022 17:39

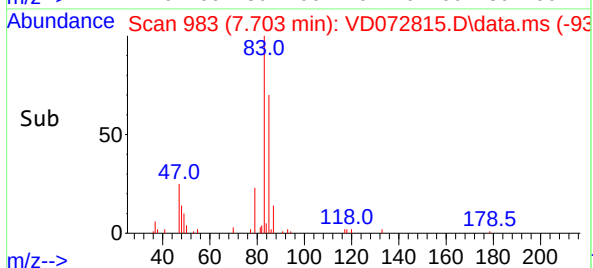
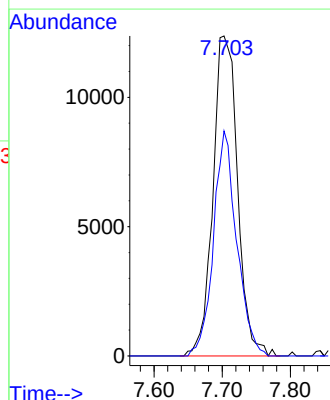
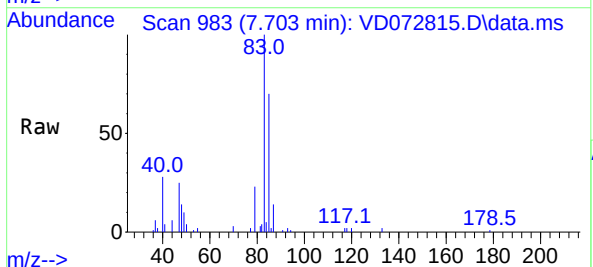
Instrument :
MSVOA_D
ClientSampleId :
08

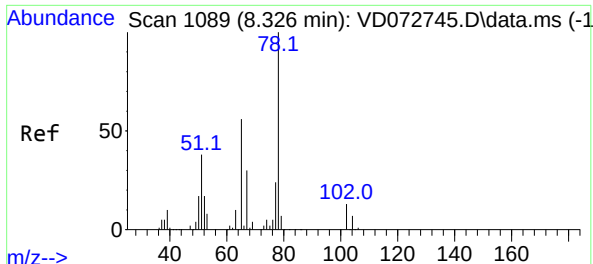
Tgt Ion:168 Resp: 444757
Ion Ratio Lower Upper
168 100
99 61.5 49.8 74.6



#30
Chloroform
Concen: 2.573 ug/l
RT: 7.703 min Scan# 983
Delta R.T. -0.000 min
Lab File: VD072815.D
Acq: 05 May 2022 17:39

Tgt Ion: 83 Resp: 31156
Ion Ratio Lower Upper
83 100
85 70.3 52.7 79.1





#33

1,2-Dichloroethane-d4

Concen: 47.013 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD072815.D

Acq: 05 May 2022 17:39

Instrument :

MSVOA_D

ClientSampleId :

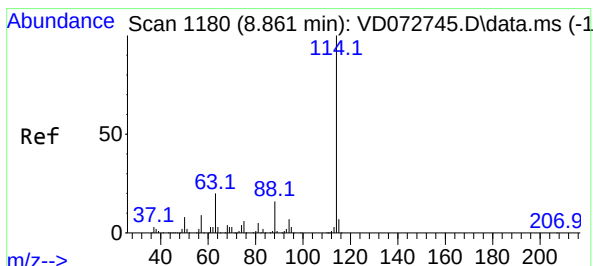
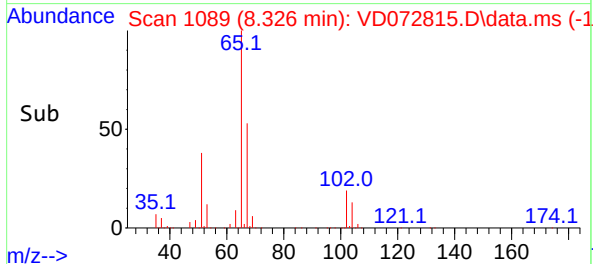
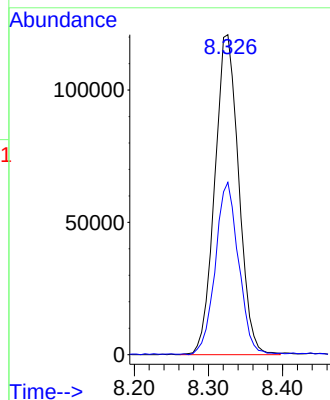
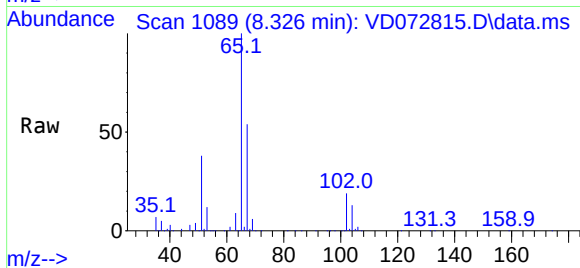
08

Tgt Ion: 65 Resp: 271417

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.005 min

Lab File: VD072815.D

Acq: 05 May 2022 17:39

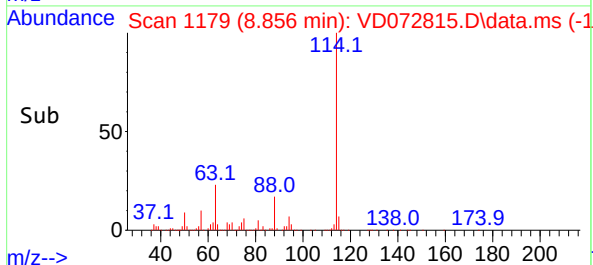
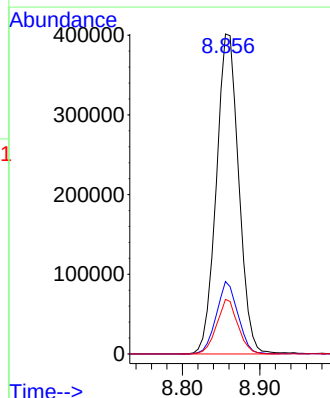
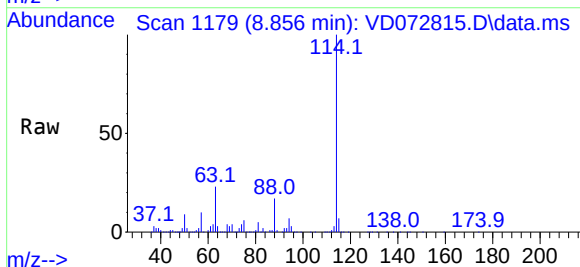
Tgt Ion: 114 Resp: 808289

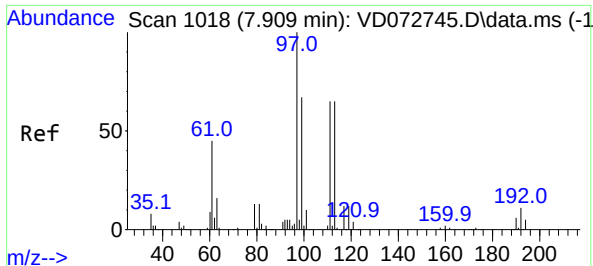
Ion Ratio Lower Upper

114 100

63 22.6 0.0 46.6

88 17.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 44.898 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072815.D

Acq: 05 May 2022 17:39

Instrument :

MSVOA_D

ClientSampleId :

08

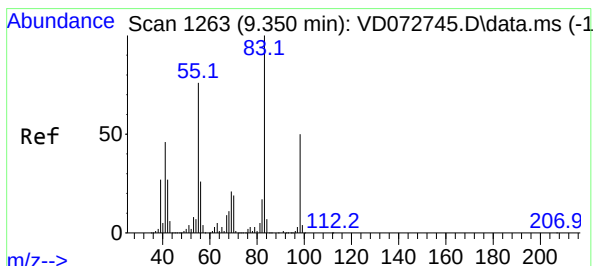
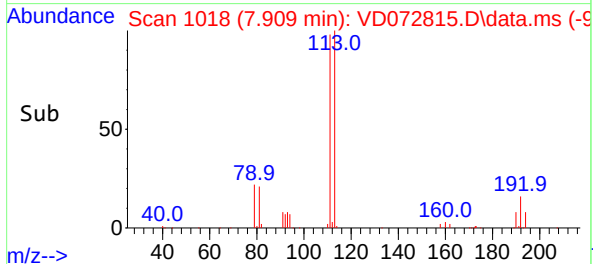
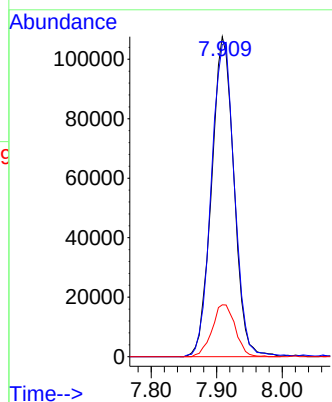
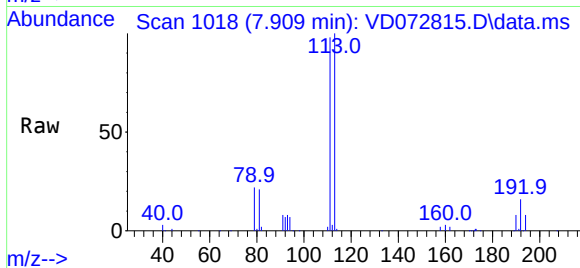
Tgt Ion:113 Resp: 254873

Ion Ratio Lower Upper

113 100

111 101.4 83.8 125.6

192 16.8 14.6 21.8



#39

Methylcyclohexane

Concen: 1.124 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.005 min

Lab File: VD072815.D

Acq: 05 May 2022 17:39

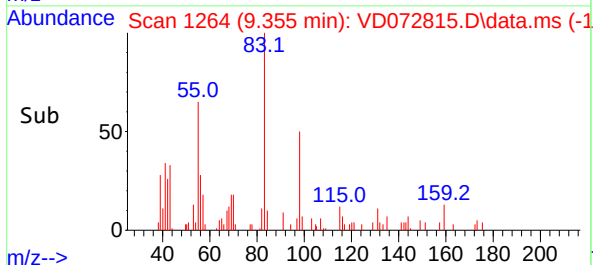
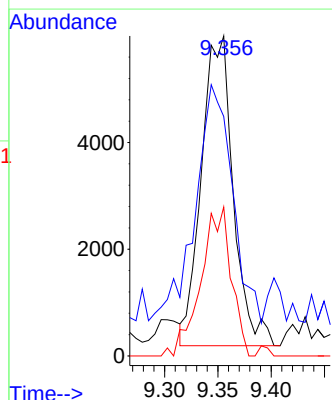
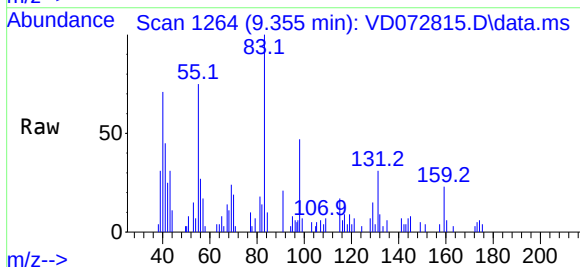
Tgt Ion: 83 Resp: 12039

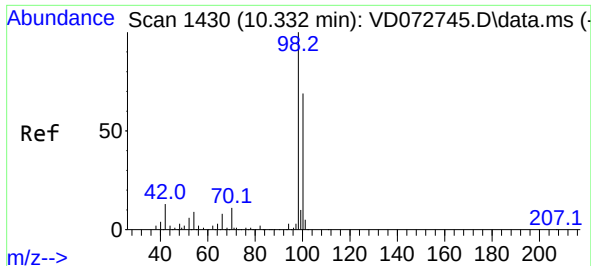
Ion Ratio Lower Upper

83 100

55 58.4 63.2 94.8#

98 48.1 38.2 57.4

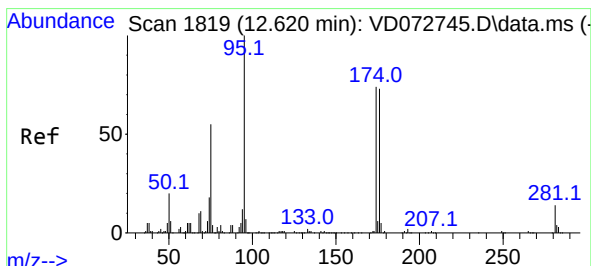
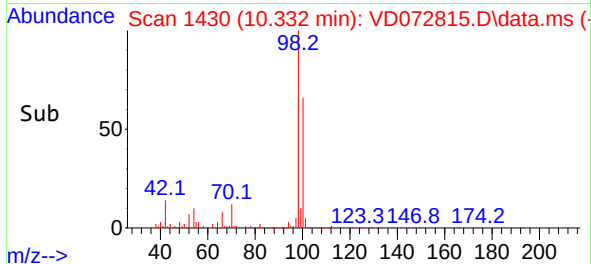
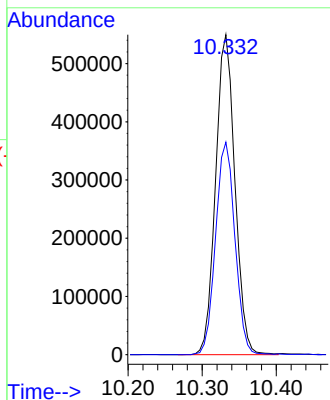
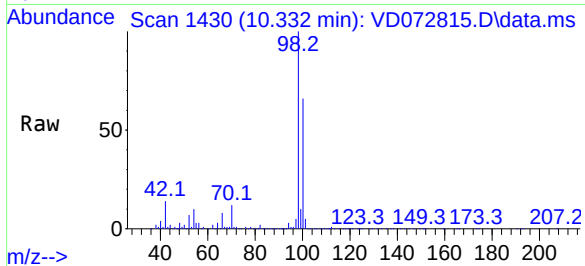




#50
Toluene-d8
Concen: 48.854 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072815.D
Acq: 05 May 2022 17:39

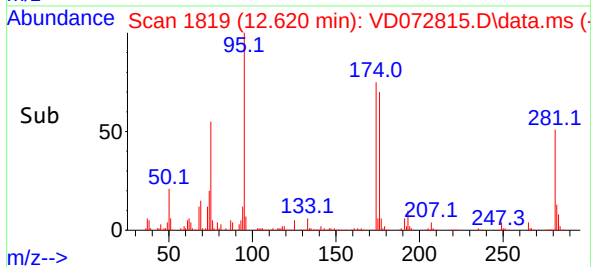
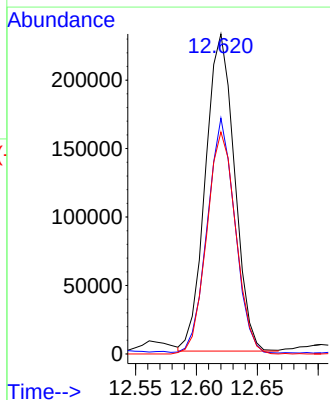
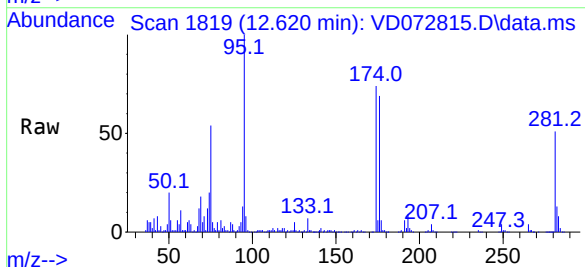
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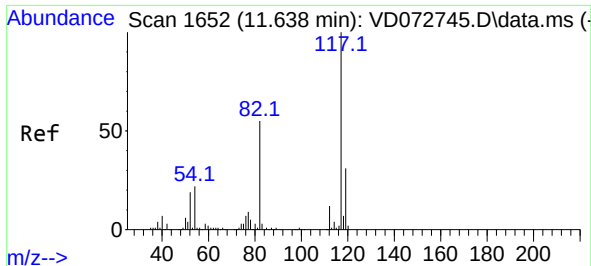
Tgt Ion: 98 Resp: 994817
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.687 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072815.D
Acq: 05 May 2022 17:39

Tgt Ion: 95 Resp: 384856
Ion Ratio Lower Upper
95 100
174 70.1 0.0 152.8
176 69.8 0.0 145.4

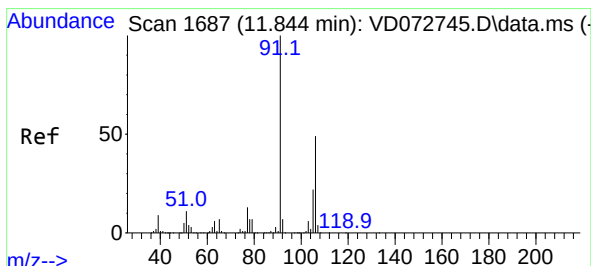
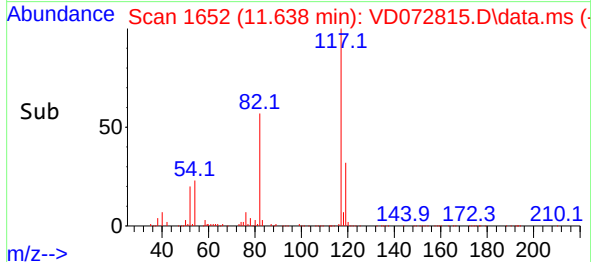
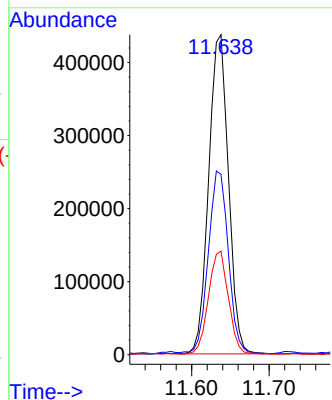
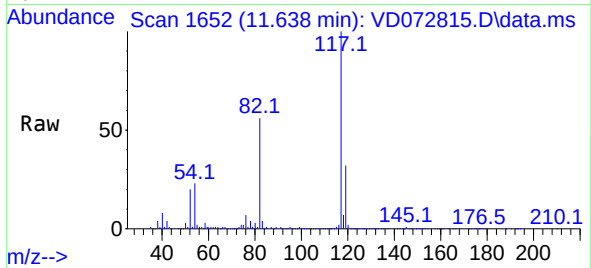




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072815.D
Acq: 05 May 2022 17:39

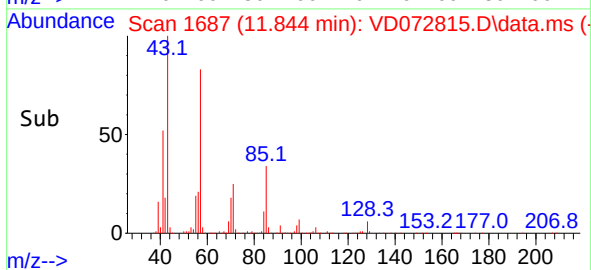
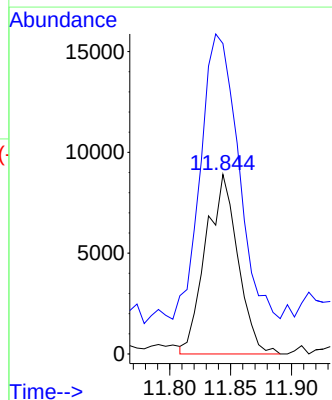
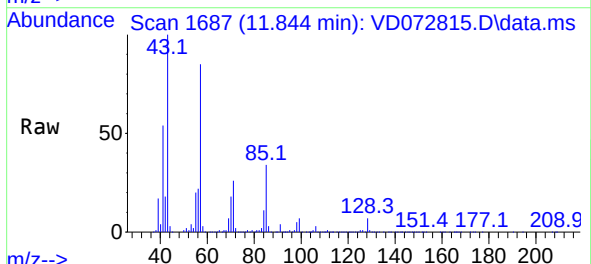
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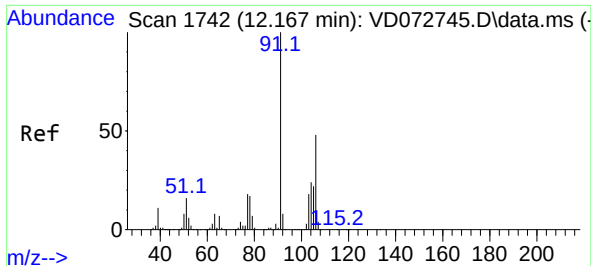
Tgt Ion:117 Resp: 774127
Ion Ratio Lower Upper
117 100
82 55.9 45.3 67.9
119 32.3 26.6 40.0



#68
m/p-Xylenes
Concen: 1.369 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072815.D
Acq: 05 May 2022 17:39

Tgt Ion:106 Resp: 16343
Ion Ratio Lower Upper
106 100
91 184.6 163.7 245.5

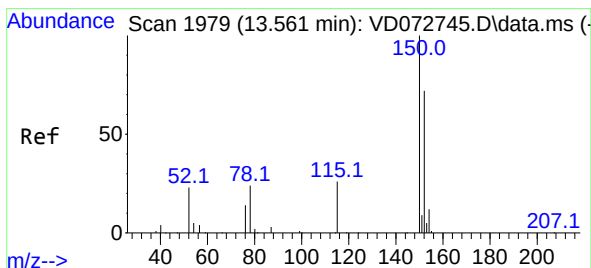
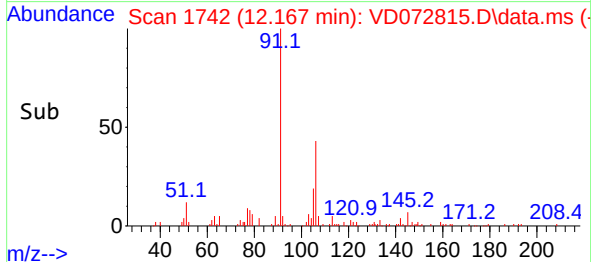
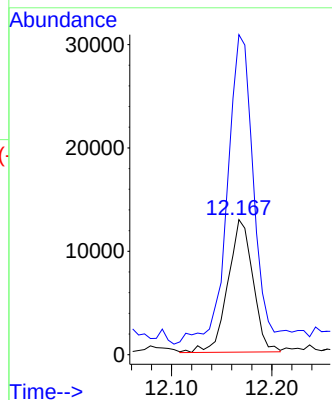
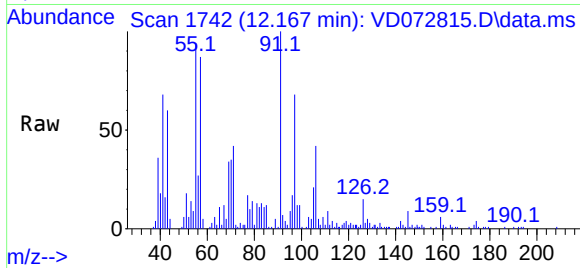




#69
o-Xylene
Concen: 1.991 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD072815.D
Acq: 05 May 2022 17:39

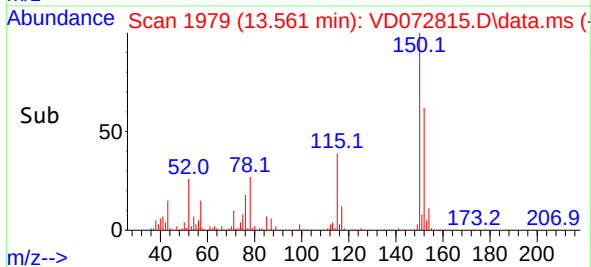
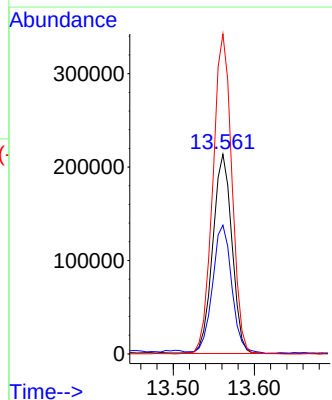
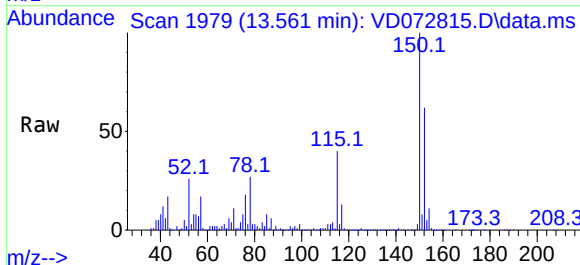
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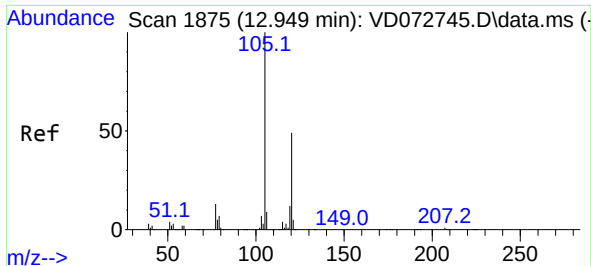
Tgt Ion:106 Resp: 22199
Ion Ratio Lower Upper
106 100
91 243.9 110.4 331.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072815.D
Acq: 05 May 2022 17:39

Tgt Ion:152 Resp: 349592
Ion Ratio Lower Upper
152 100
115 65.1 31.3 93.8
150 159.6 0.0 348.6

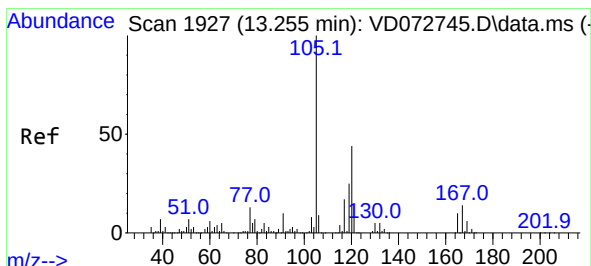
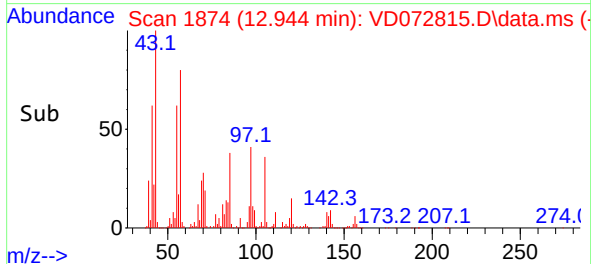
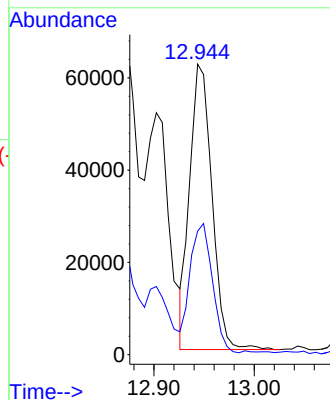
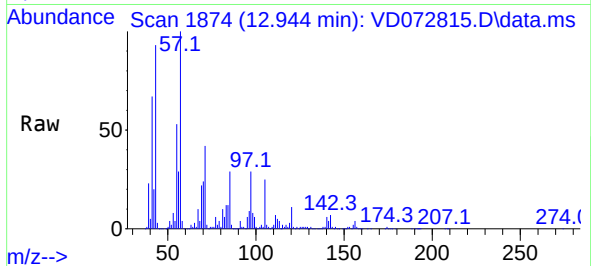




#80
1,3,5-Trimethylbenzene
Concen: 4.133 ug/l
RT: 12.944 min Scan# 1875
Delta R.T. -0.005 min
Lab File: VD072815.D
Acq: 05 May 2022 17:39

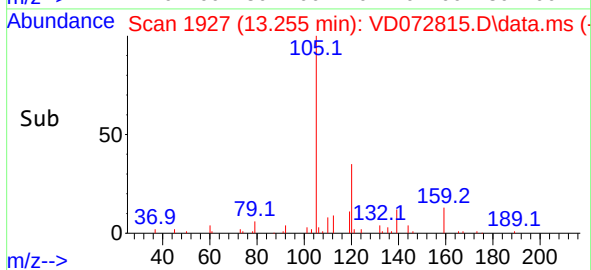
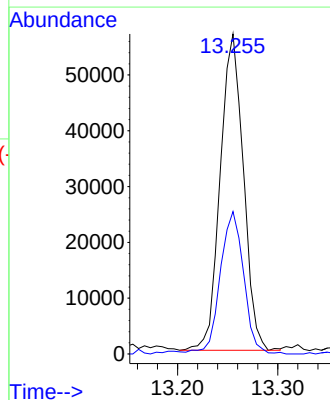
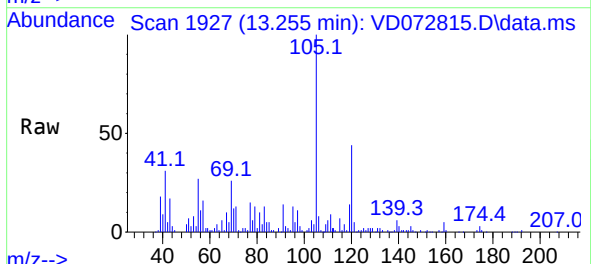
Instrument :
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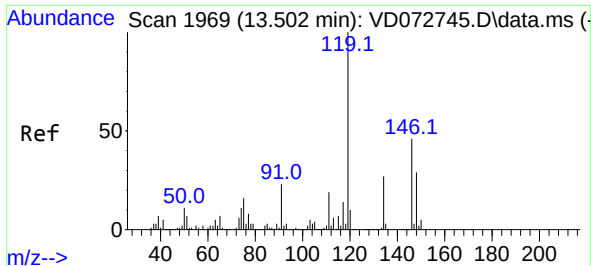
Tgt Ion:105 Resp: 95311
Ion Ratio Lower Upper
105 100
120 45.6 24.3 72.8



#84
1,2,4-Trimethylbenzene
Concen: 3.952 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072815.D
Acq: 05 May 2022 17:39

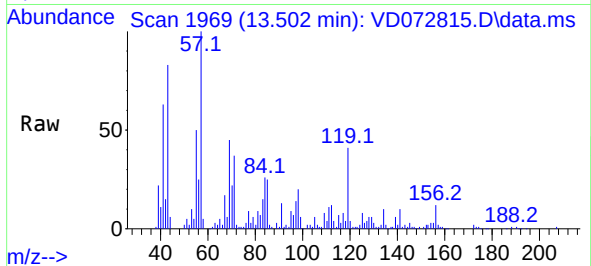
Tgt Ion:105 Resp: 91095
Ion Ratio Lower Upper
105 100
120 45.4 22.3 66.8





#86
 p-Isopropyltoluene
 Concen: 1.280 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD072815.D
 Acq: 05 May 2022 17:39

Instrument :
 MSVOA_D
 ClientSampleId :
 08



Tgt Ion:	119	Resp:	31029
Ion	Ratio	Lower	Upper
119	100		
134	24.9	12.9	38.6
91	32.2	12.1	36.3

