

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
 Data File : VD072767.D
 Acq On : 03 May 2022 14:29
 Operator : VA/SY
 Sample : N2606-01
 Misc : 7.22G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-3

Quant Time: May 04 01:25:35 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)

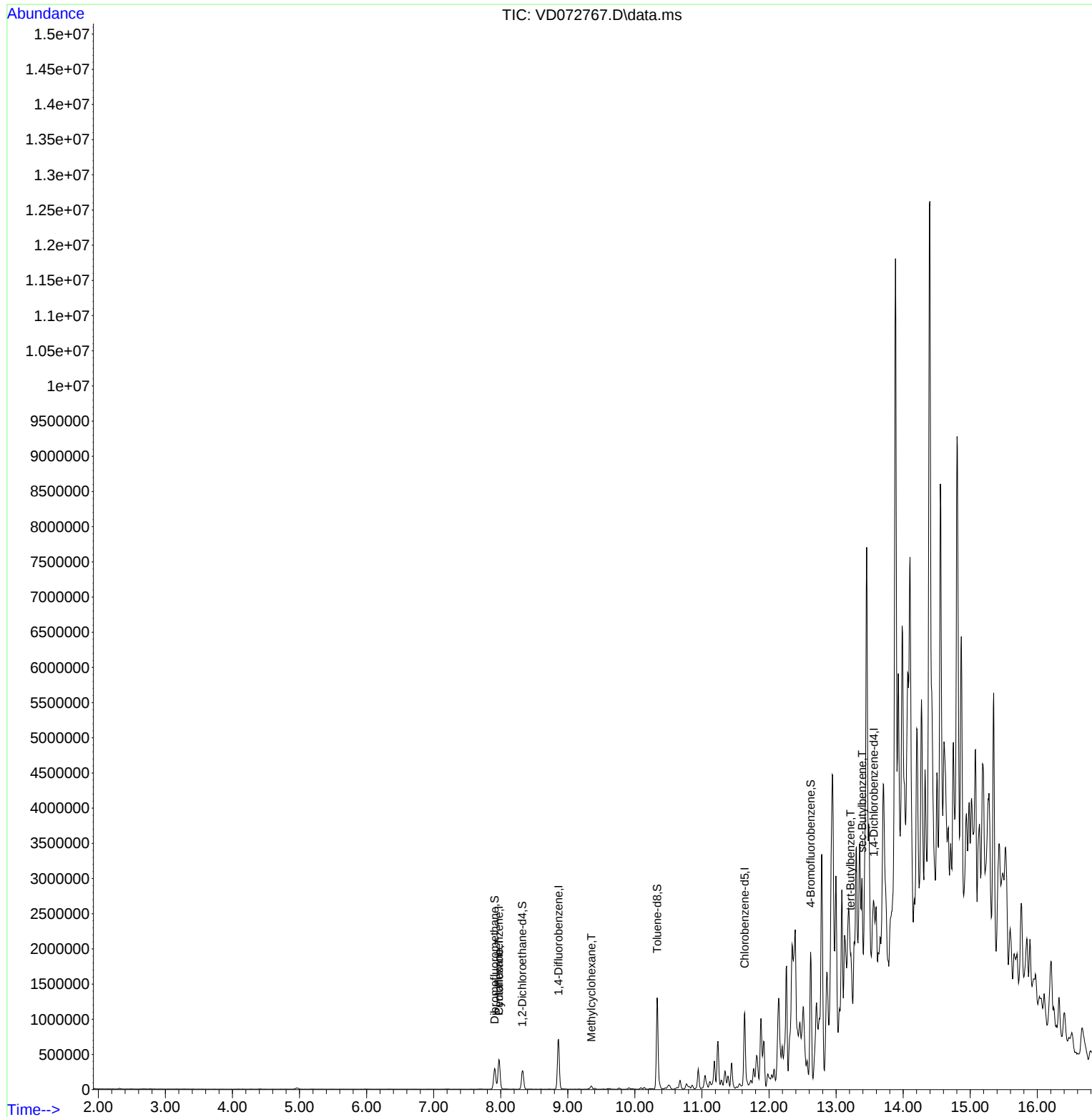
Internal Standards						
1) Pentafluorobenzene	7.973	168	297501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	599970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	609398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	247852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	214989	55.671	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.340%
35) Dibromofluoromethane	7.909	113	212785	50.499	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.000%
50) Toluene-d8	10.332	98	777339	51.429	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.860%
62) 4-Bromofluorobenzene	12.620	95	308402	54.721	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.440%
Target Compounds						
					Qvalue	
31) Cyclohexane	7.973	56	9182	1.360	ug/l #	21
39) Methylcyclohexane	9.350	83	15020	1.890	ug/l #	89
83) tert-Butylbenzene	13.214	119	36052	2.593	ug/l	71
85) sec-Butylbenzene	13.391	105	156777	7.477	ug/l	87

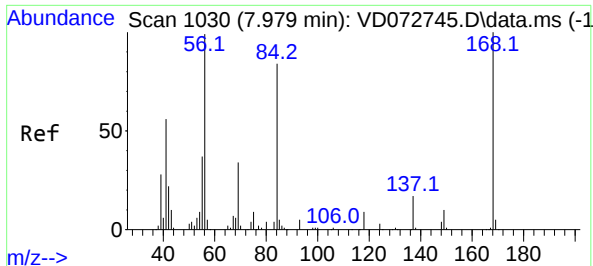
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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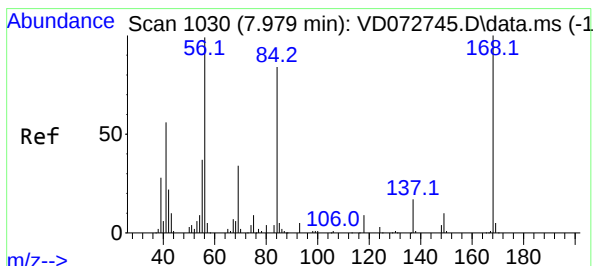
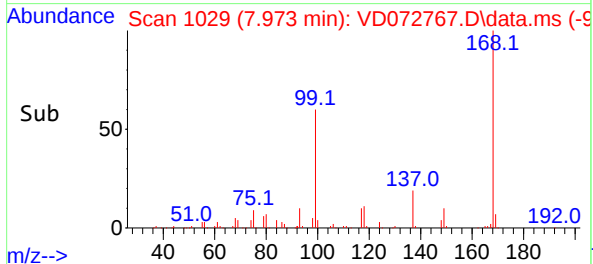
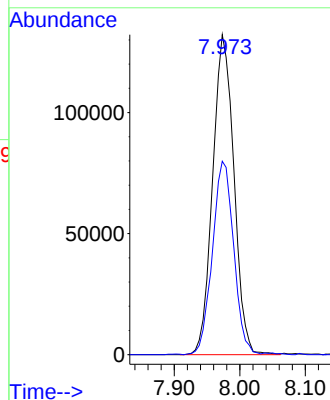
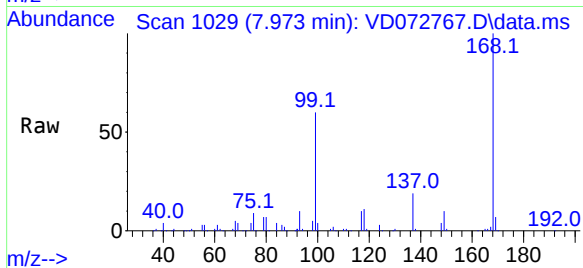




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072767.D
Acq: 03 May 2022 14:29

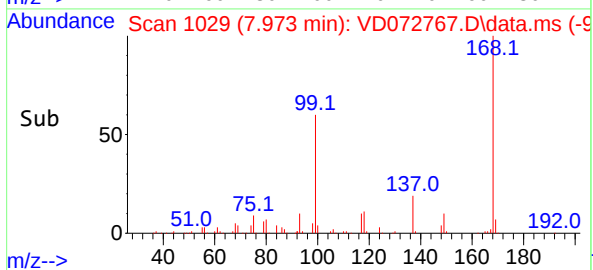
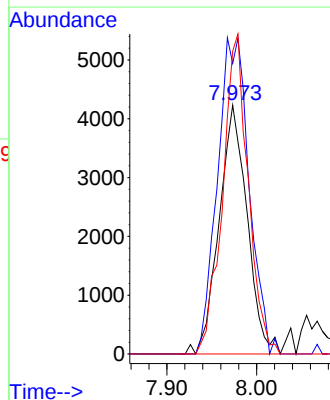
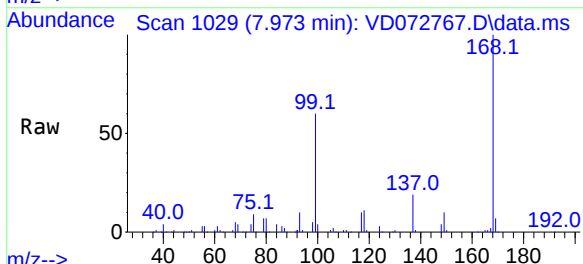
Instrument :
MSVOA_D
ClientSampleId :
WC-3

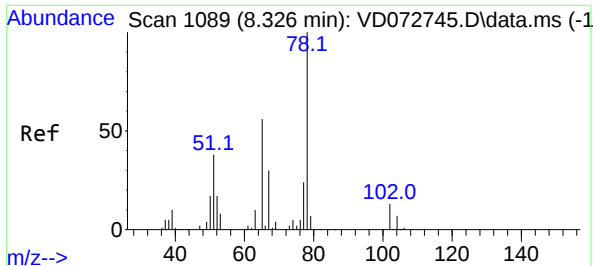
Tgt Ion:168 Resp: 297501
Ion Ratio Lower Upper
168 100
99 60.3 49.8 74.6



#31
Cyclohexane
Concen: 1.360 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072767.D
Acq: 03 May 2022 14:29

Tgt Ion: 56 Resp: 9182
Ion Ratio Lower Upper
56 100
69 116.7 25.4 38.2#
84 121.6 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 55.671 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD072767.D

Acq: 03 May 2022 14:29

Instrument :

MSVOA_D

ClientSampleId :

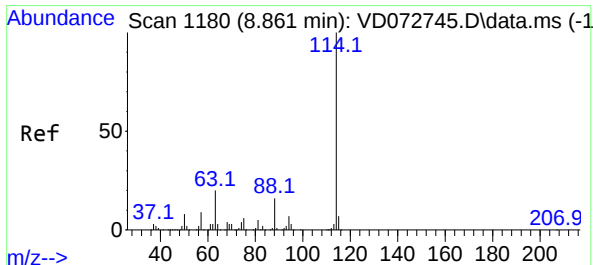
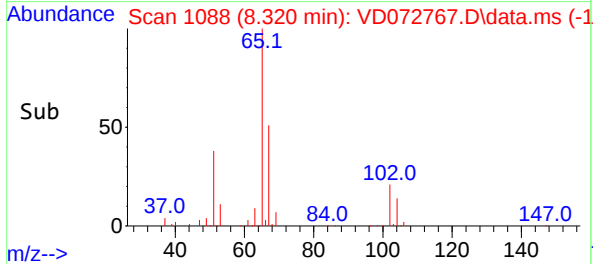
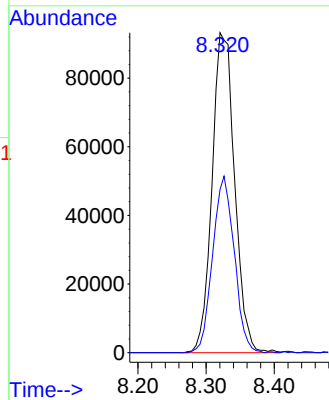
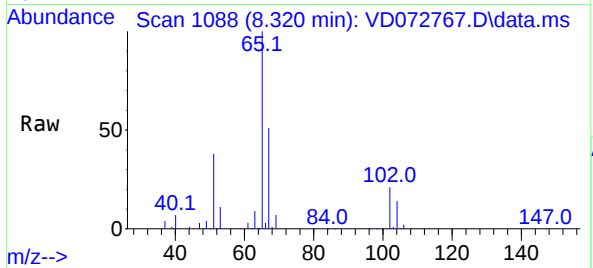
WC-3

Tgt Ion: 65 Resp: 214989

Ion Ratio Lower Upper

65 100

67 52.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072767.D

Acq: 03 May 2022 14:29

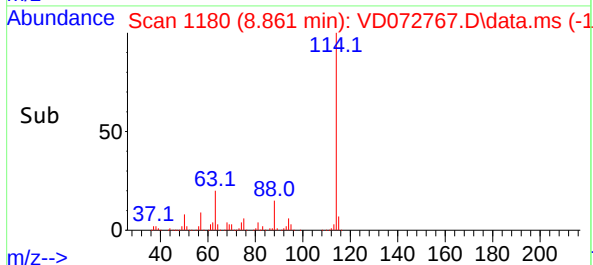
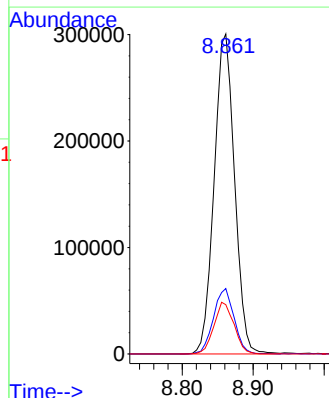
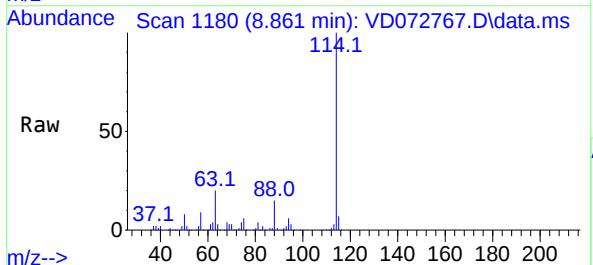
Tgt Ion: 114 Resp: 599970

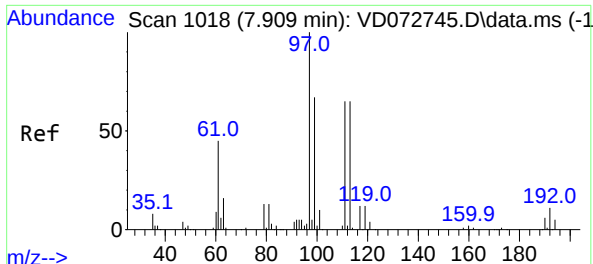
Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 15.4 0.0 33.2

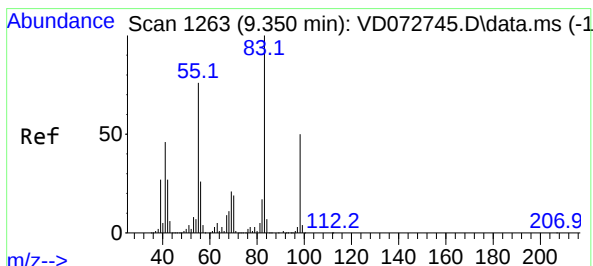
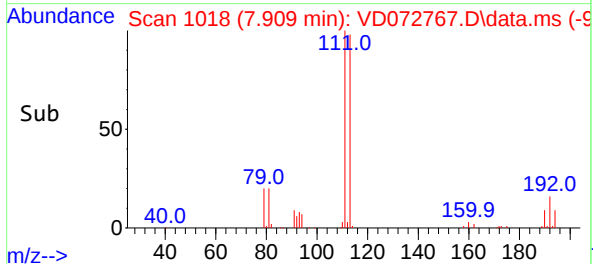
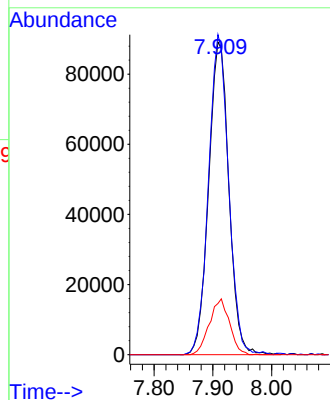
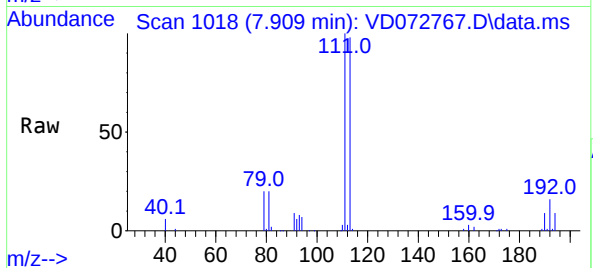




#35
Dibromofluoromethane
Concen: 50.499 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072767.D
Acq: 03 May 2022 14:29

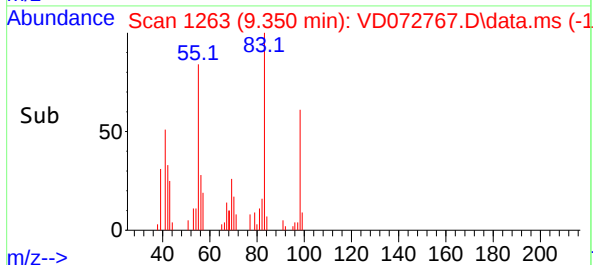
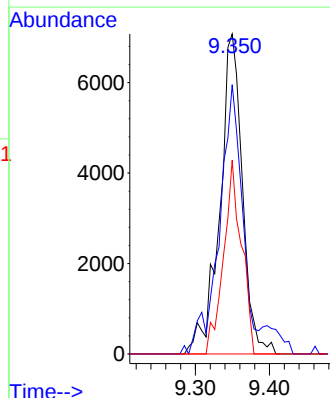
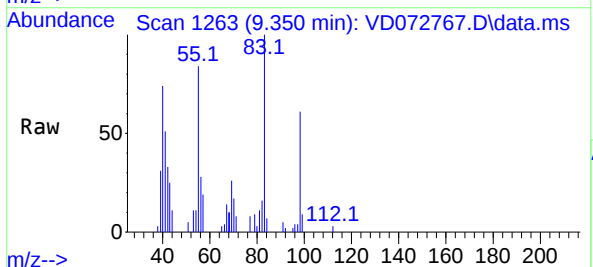
Instrument :
MSVOA_D
ClientSampleId :
WC-3

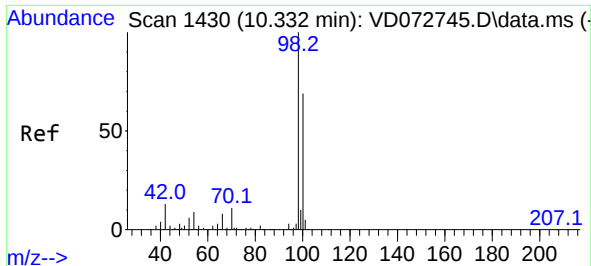
Tgt Ion:113 Resp: 212785
Ion Ratio Lower Upper
113 100
111 101.6 83.8 125.6
192 17.8 14.6 21.8



#39
Methylcyclohexane
Concen: 1.890 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VD072767.D
Acq: 03 May 2022 14:29

Tgt Ion: 83 Resp: 15020
Ion Ratio Lower Upper
83 100
55 84.2 63.2 94.8
98 60.6 38.2 57.4#

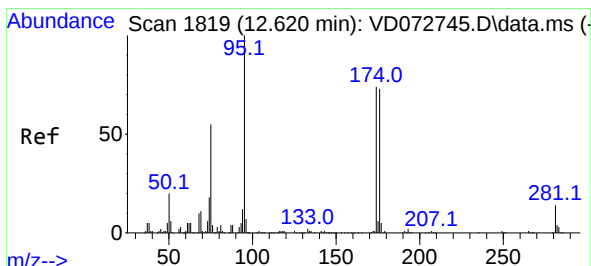
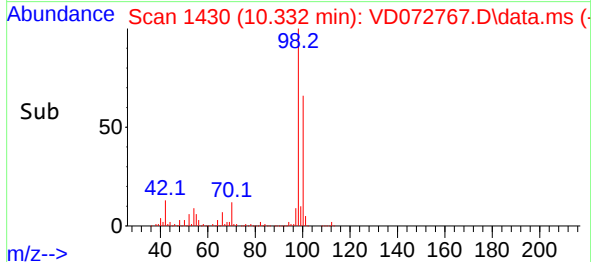
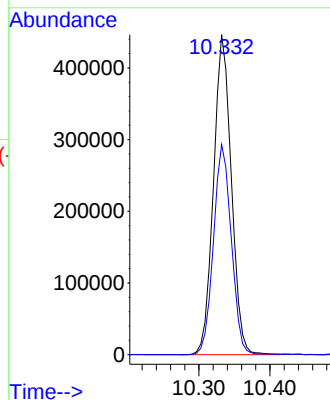
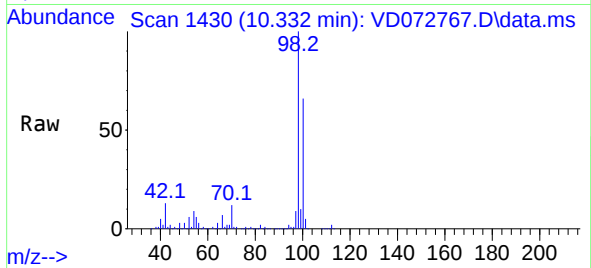




#50
Toluene-d8
Concen: 51.429 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072767.D
Acq: 03 May 2022 14:29

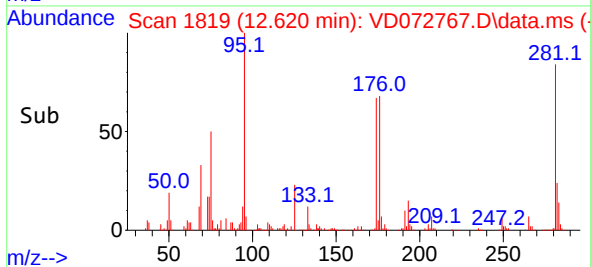
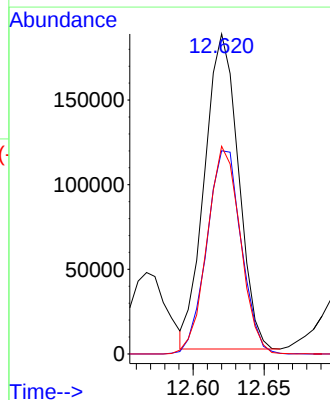
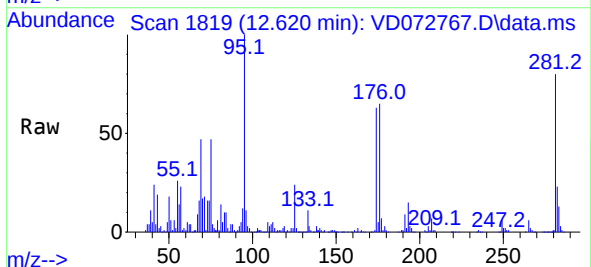
Instrument :
MSVOA_D
ClientSampleId :
WC-3

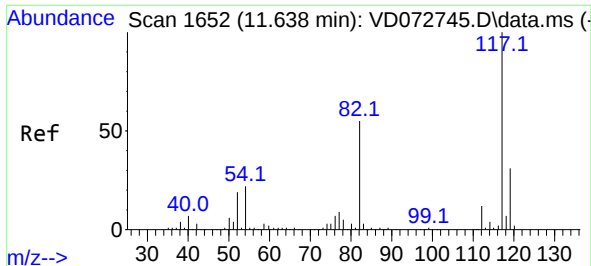
Tgt Ion: 98 Resp: 777339
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.721 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072767.D
Acq: 03 May 2022 14:29

Tgt Ion: 95 Resp: 308402
Ion Ratio Lower Upper
95 100
174 65.8 0.0 152.8
176 64.7 0.0 145.4

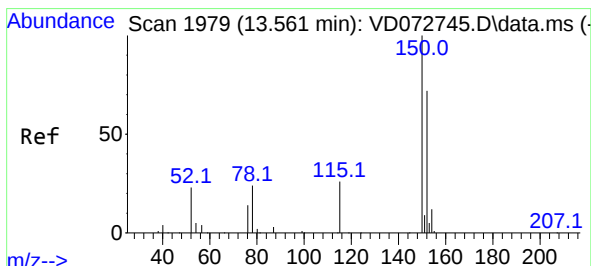
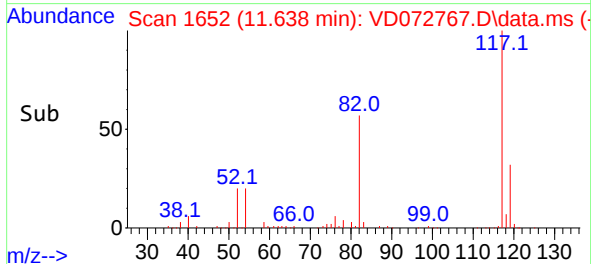
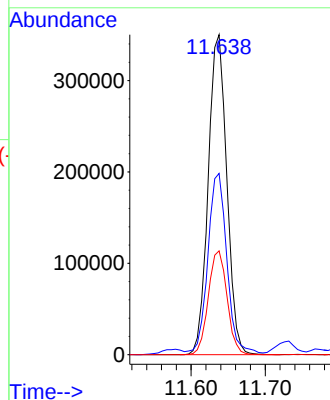
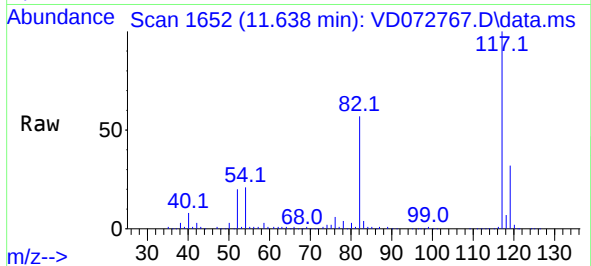




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072767.D
Acq: 03 May 2022 14:29

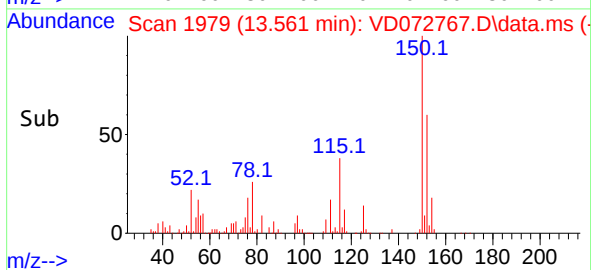
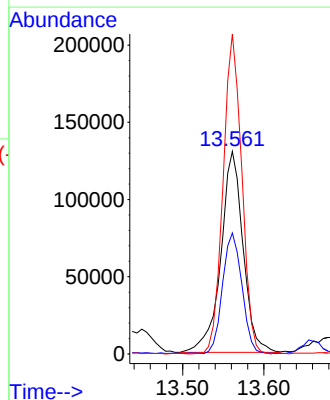
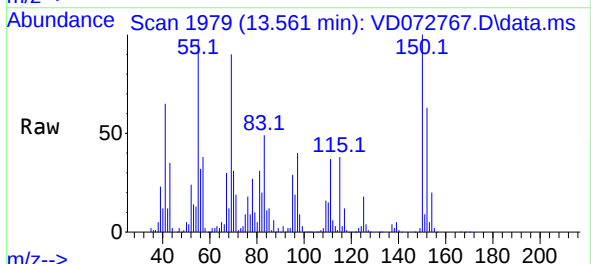
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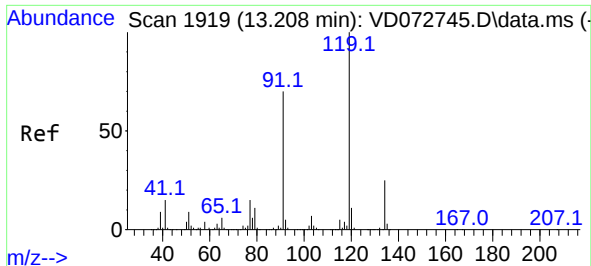
Tgt Ion:117 Resp: 609398
Ion Ratio Lower Upper
117 100
82 55.2 45.3 67.9
119 32.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072767.D
Acq: 03 May 2022 14:29

Tgt Ion:152 Resp: 247852
Ion Ratio Lower Upper
152 100
115 52.0 31.3 93.8
150 134.1 0.0 348.6

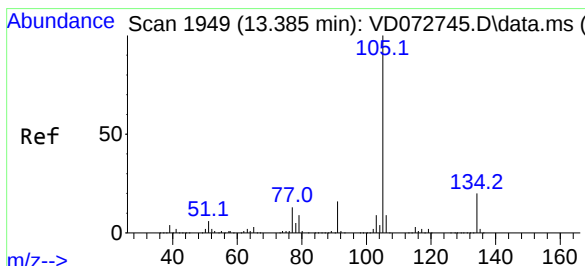
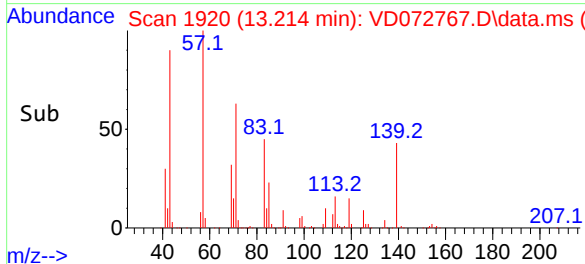
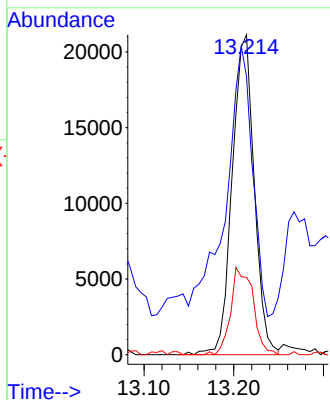
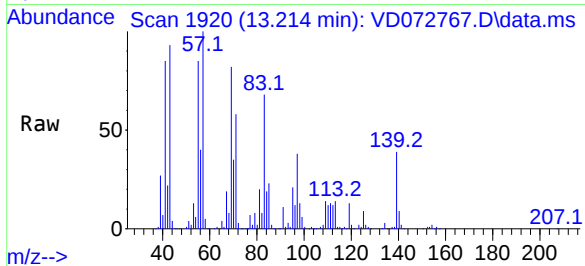




#83
tert-Butylbenzene
Concen: 2.593 ug/l
RT: 13.214 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VD072767.D
Acq: 03 May 2022 14:29

Instrument :
MSVOA_D
ClientSampleId :
WC-3

Tgt Ion:119 Resp: 36052
Ion Ratio Lower Upper
119 100
91 101.8 34.8 104.5
134 27.6 13.3 39.9



#85
sec-Butylbenzene
Concen: 7.477 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. 0.006 min
Lab File: VD072767.D
Acq: 03 May 2022 14:29

Tgt Ion:105 Resp: 156777
Ion Ratio Lower Upper
105 100
134 25.4 9.8 29.3

