

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
 Data File : VD072219.D
 Acq On : 16 Mar 2022 15:37
 Operator : VA/SY
 Sample : N1908-05RE
 Misc : 4.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-8-9-1RE

Quant Time: Mar 16 16:45:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

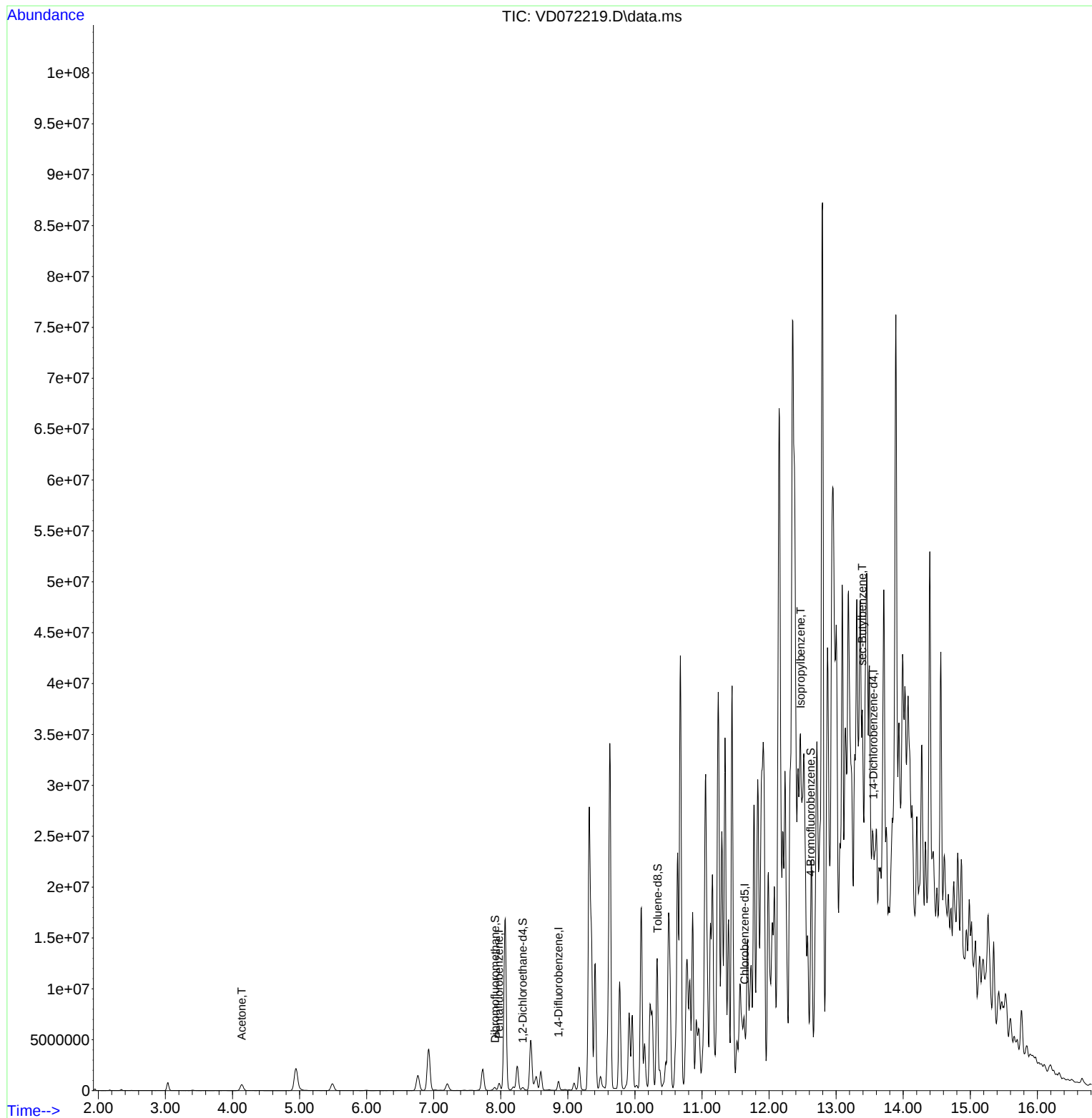
Internal Standards						
1) Pentafluorobenzene	7.973	168	422518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	678085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	640714	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	765254	50.000	ug/l	#-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	206337	43.820	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.640%
35) Dibromofluoromethane	7.914	113	203423	42.631	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.260%
50) Toluene-d8	10.338	98	955575	54.767	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.540%
62) 4-Bromofluorobenzene	12.620	95	1921601m	283.444	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	566.880%#
Target Compounds						
					Qvalue	
16) Acetone	4.138	43	427123	417.782	ug/l #	63
73) Isopropylbenzene	12.473	105	332792	5.488	ug/l	97
85) sec-Butylbenzene	13.390	105	1121709	16.353	ug/l #	39

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

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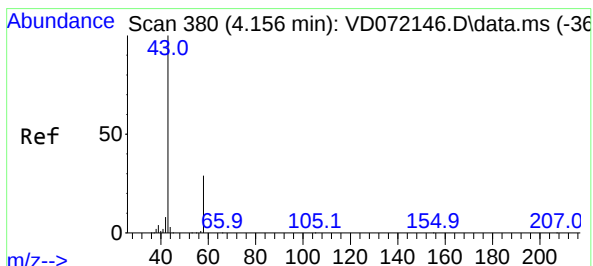
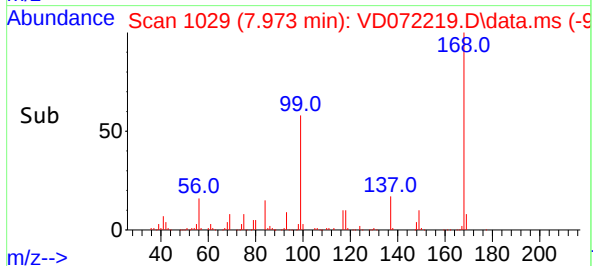
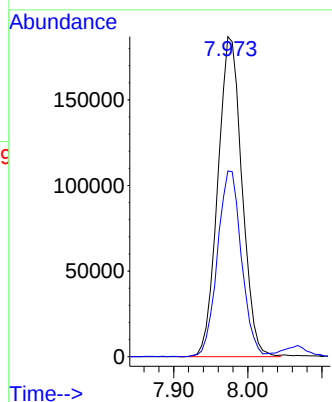
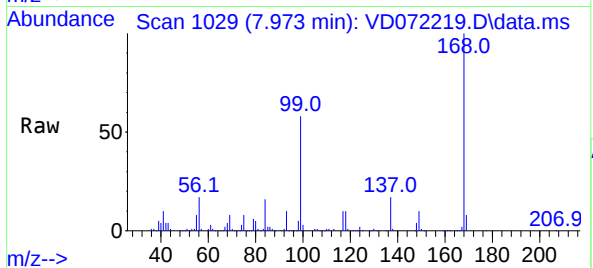




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072219.D
Acq: 16 Mar 2022 15:37

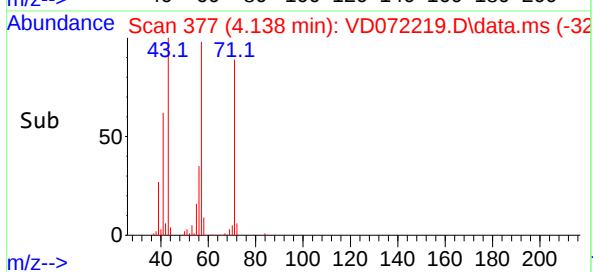
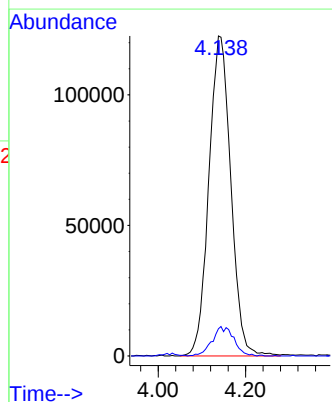
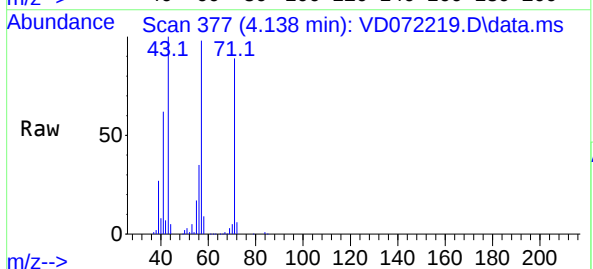
Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-1RE

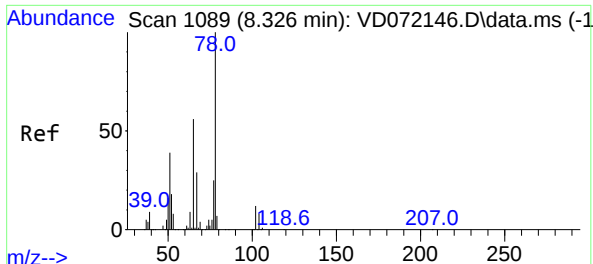
Tgt Ion:168 Resp: 422518
Ion Ratio Lower Upper
168 100
99 58.1 49.8 74.6



#16
Acetone
Concen: 417.782 ug/l
RT: 4.138 min Scan# 377
Delta R.T. -0.018 min
Lab File: VD072219.D
Acq: 16 Mar 2022 15:37

Tgt Ion: 43 Resp: 427123
Ion Ratio Lower Upper
43 100
58 8.5 22.1 33.1#





#33

1,2-Dichloroethane-d4

Concen: 43.820 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072219.D

Acq: 16 Mar 2022 15:37

Instrument :

MSVOA_D

ClientSampleId :

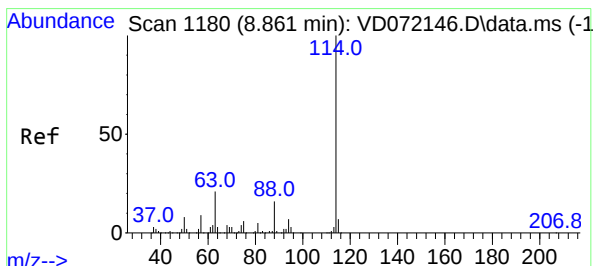
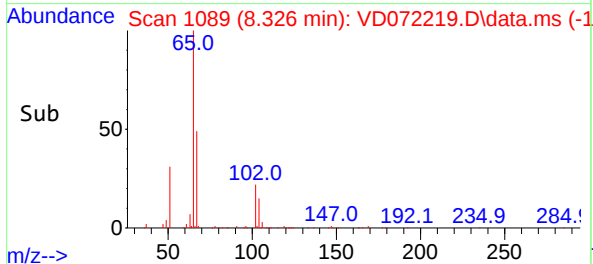
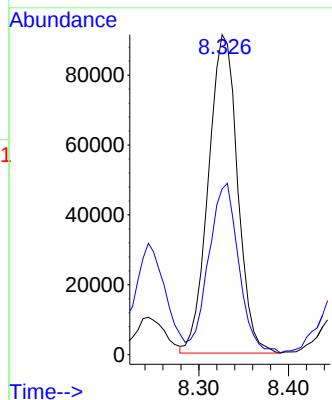
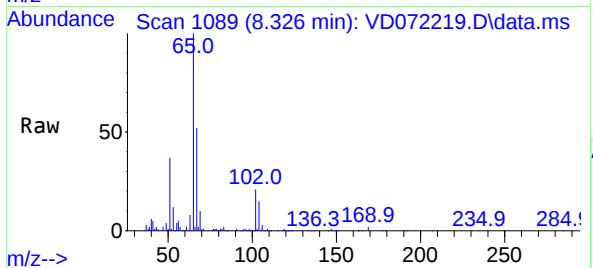
WC-8-9-1RE

Tgt Ion: 65 Resp: 206337

Ion Ratio Lower Upper

65 100

67 54.5 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: VD072219.D

Acq: 16 Mar 2022 15:37

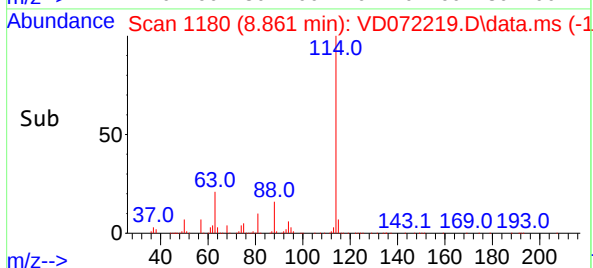
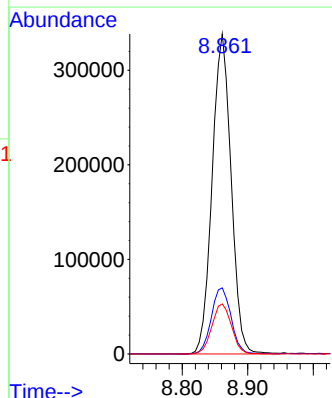
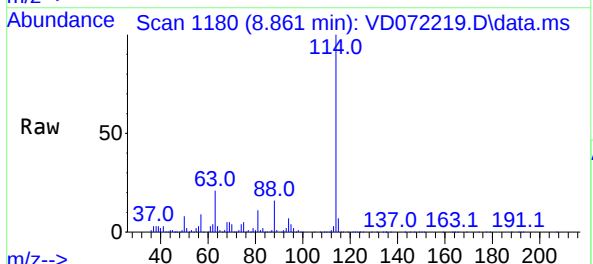
Tgt Ion: 114 Resp: 678085

Ion Ratio Lower Upper

114 100

63 20.7 0.0 46.6

88 15.6 0.0 33.2

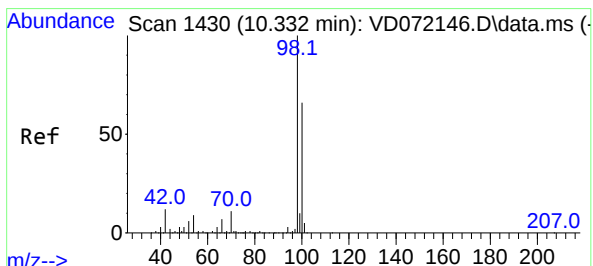
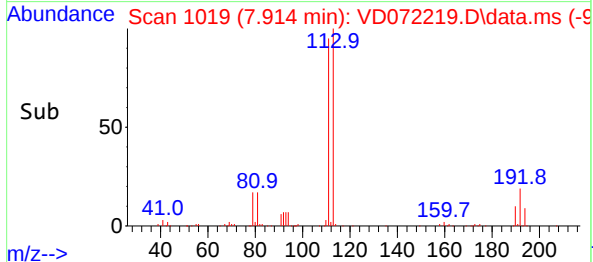
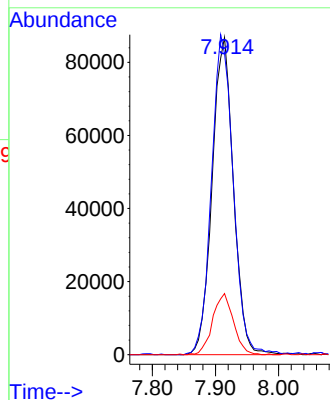
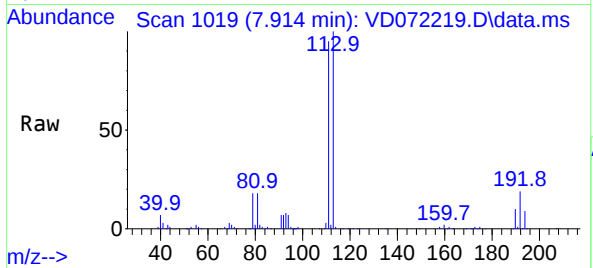




#35
Dibromofluoromethane
Concen: 42.631 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072219.D
Acq: 16 Mar 2022 15:37

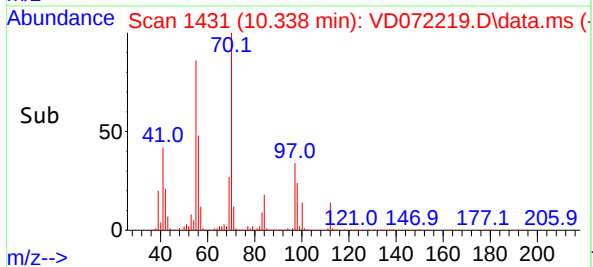
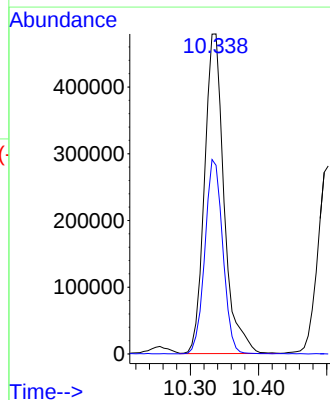
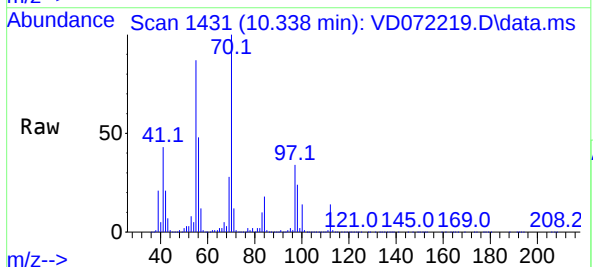
Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-1RE

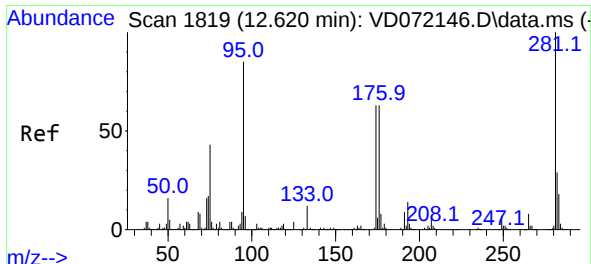
Tgt Ion:113 Resp: 203423
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 18.8 14.6 21.8



#50
Toluene-d8
Concen: 54.767 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072219.D
Acq: 16 Mar 2022 15:37

Tgt Ion: 98 Resp: 955575
Ion Ratio Lower Upper
98 100
100 55.4 52.4 78.6

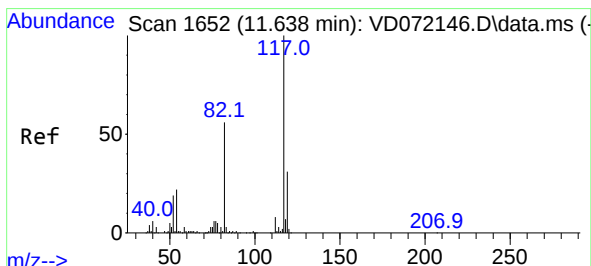
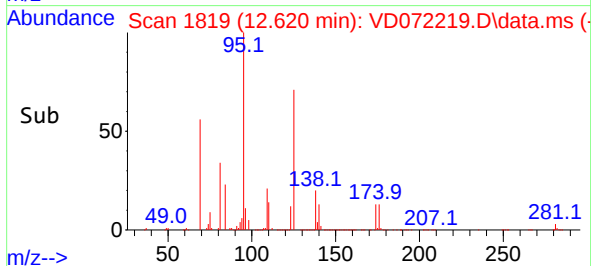
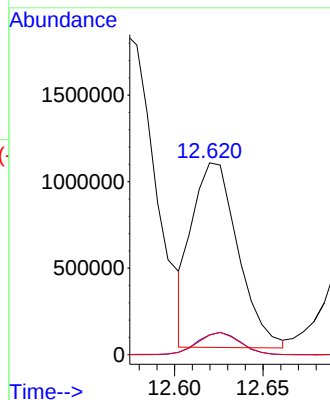
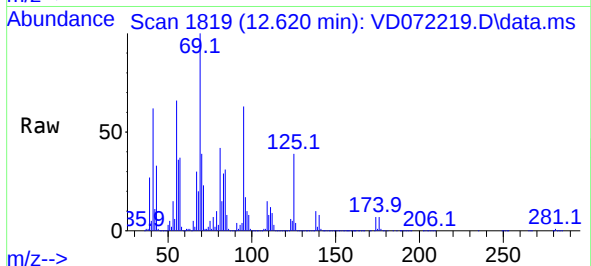




#62
4-Bromofluorobenzene
Concen: 283.444 ug/l m
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072219.D
Acq: 16 Mar 2022 15:37

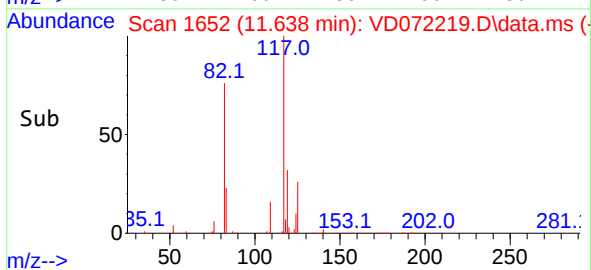
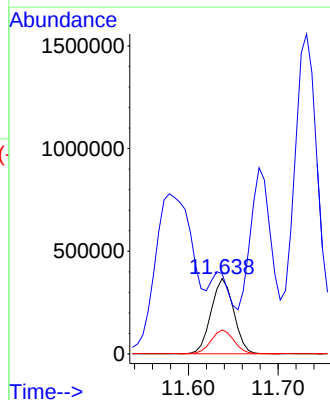
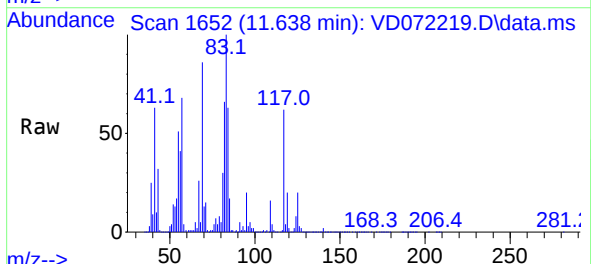
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ClientSampleId :
WC-8-9-1RE

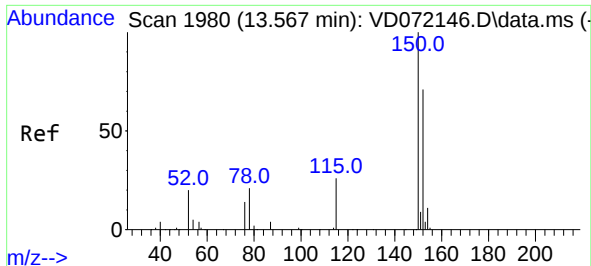
Tgt Ion: 95 Resp: 1921601
Ion Ratio Lower Upper
95 100
174 0.0 0.0 152.8
176 0.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072219.D
Acq: 16 Mar 2022 15:37

Tgt Ion: 117 Resp: 640714
Ion Ratio Lower Upper
117 100
82 35.0 45.3 67.9#
119 31.5 26.6 40.0

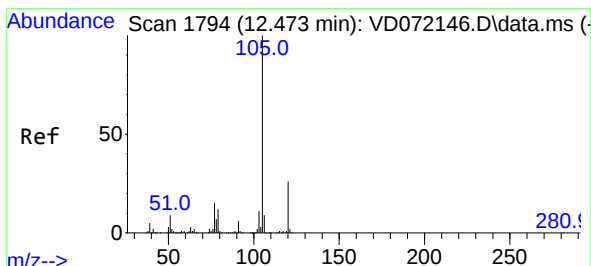
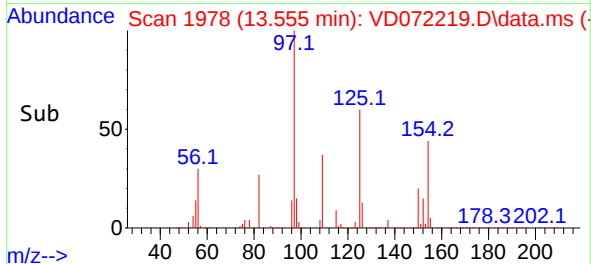
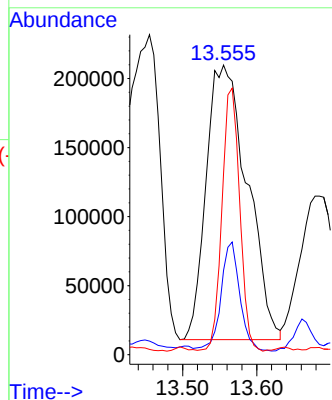
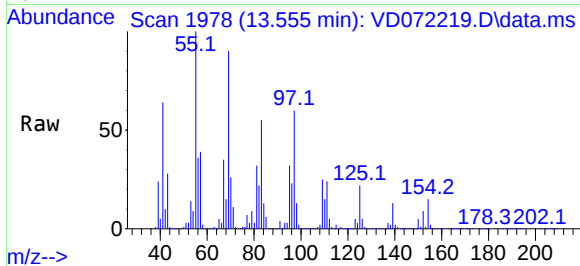




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1980
Delta R.T. -0.012 min
Lab File: VD072219.D
Acq: 16 Mar 2022 15:37

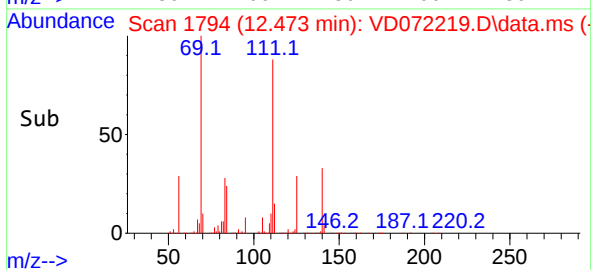
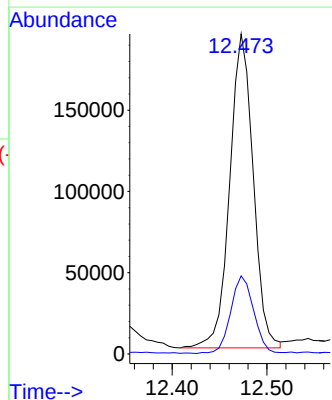
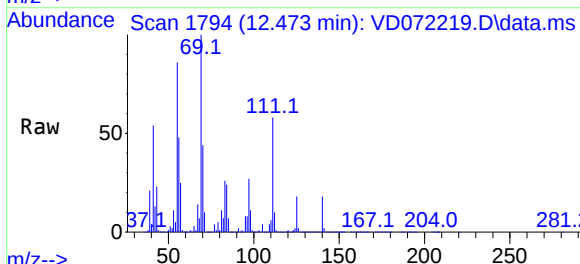
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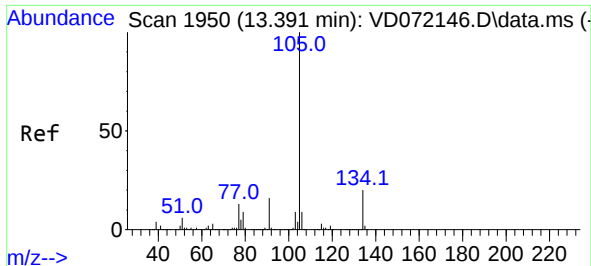
Tgt Ion:152 Resp: 765254
Ion Ratio Lower Upper
152 100
115 18.3 31.3 93.8#
150 41.4 0.0 348.6



#73
Isopropylbenzene
Concen: 5.488 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD072219.D
Acq: 16 Mar 2022 15:37

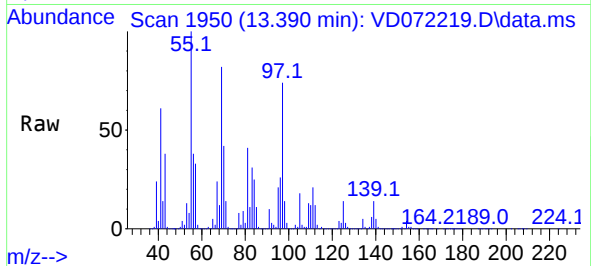
Tgt Ion:105 Resp: 332792
Ion Ratio Lower Upper
105 100
120 24.2 13.0 38.9





#85
sec-Butylbenzene
Concen: 16.353 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD072219.D
Acq: 16 Mar 2022 15:37

Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-1RE



Tgt Ion:105 Resp: 1121709
Ion Ratio Lower Upper
105 100
134 47.2 9.8 29.3#

