

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081222\
 Data File : VD074073.D
 Acq On : 12 Aug 2022 20:13
 Operator : VA/SY
 Sample : N4136-01
 Misc : 3.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-4

Quant Time: Aug 12 23:49:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:55:58 2022
 Response via : Initial Calibration

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

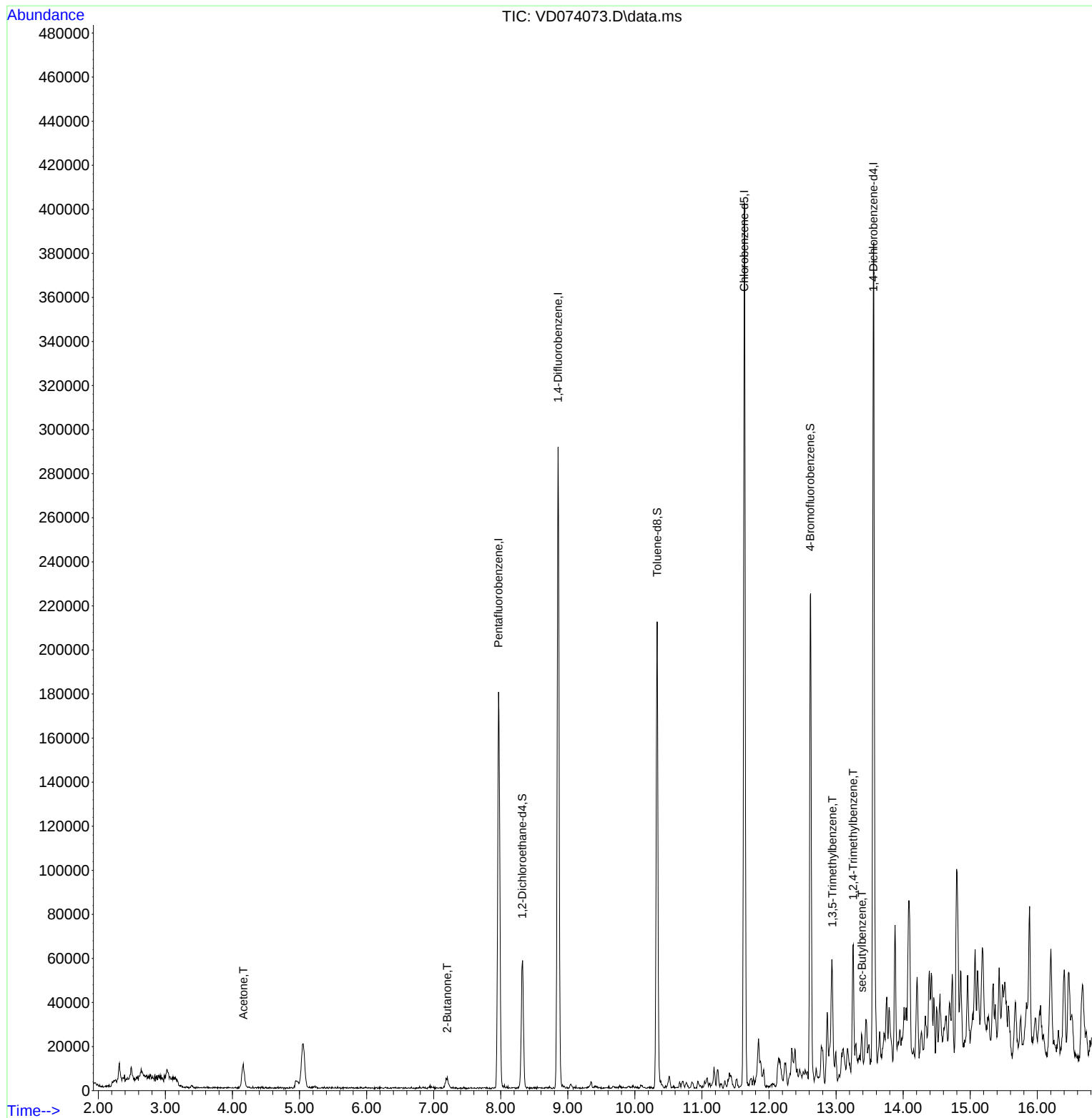
Internal Standards						
1) Pentafluorobenzene	7.967	168	127174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	240463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	223113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	97692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	46297	45.496	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.000%
35) Dibromofluoromethane	7.979	113	226	0.142	ug/l	0.08
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.280%#
50) Toluene-d8	10.332	98	139409	31.241	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	62.480%
62) 4-Bromofluorobenzene	12.614	95	69052	35.158	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.320%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	18464	90.738	ug/l #	76
25) 2-Butanone	7.203	43	3334	10.477	ug/l	96
80) 1,3,5-Trimethylbenzene	12.944	105	9896	1.716	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	33286	5.742	ug/l	98
85) sec-Butylbenzene	13.385	105	8280	1.097	ug/l	78

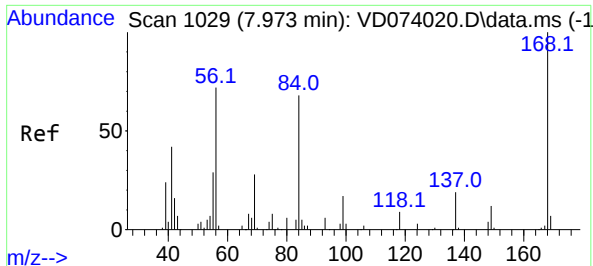
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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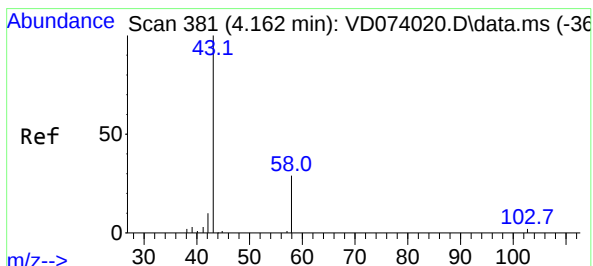
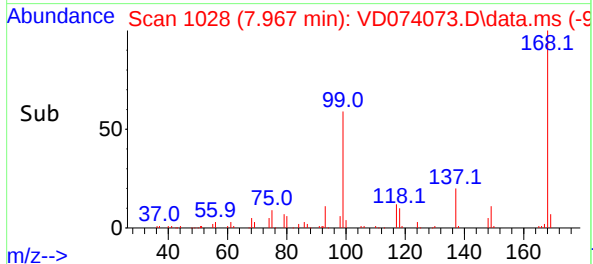
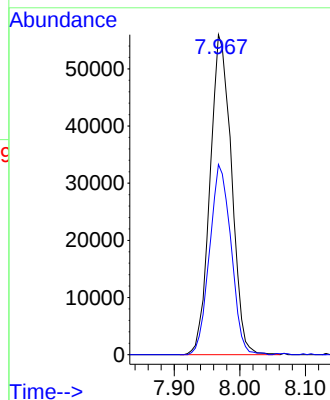
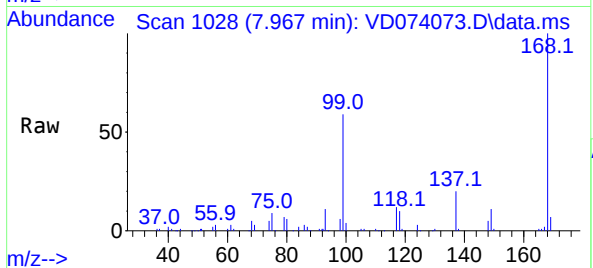




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD074073.D
Acq: 12 Aug 2022 20:13

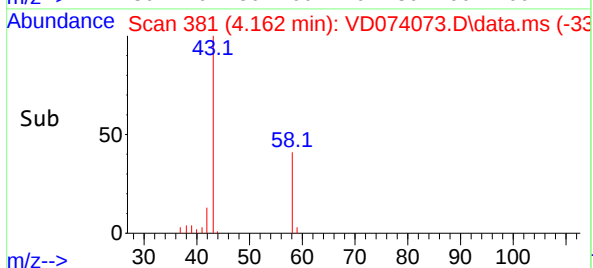
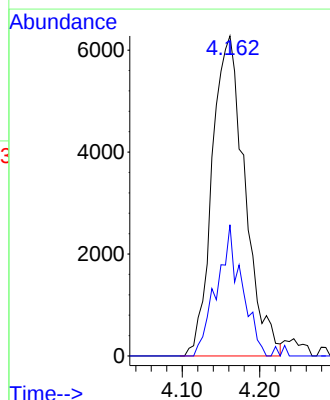
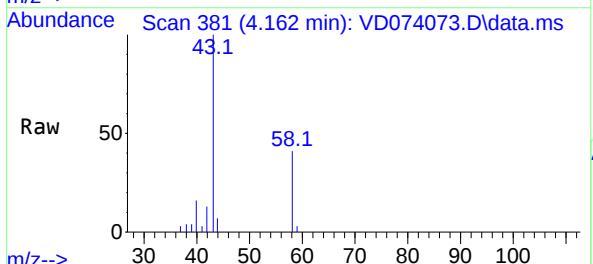
Instrument :
MSVOA_D
ClientSampleId :
WC-4

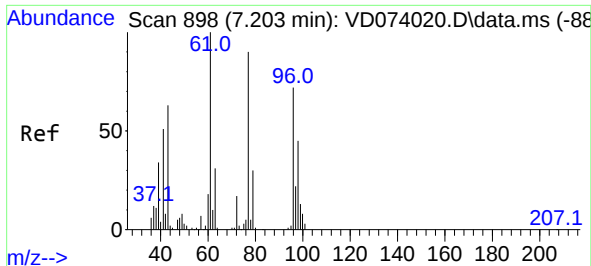
Tgt Ion:168 Resp: 127174
Ion Ratio Lower Upper
168 100
99 59.4 48.3 72.5



#16
Acetone
Concen: 90.738 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD074073.D
Acq: 12 Aug 2022 20:13

Tgt Ion: 43 Resp: 18464
Ion Ratio Lower Upper
43 100
58 41.0 22.8 34.2#

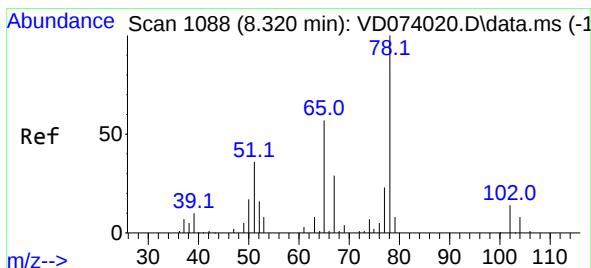
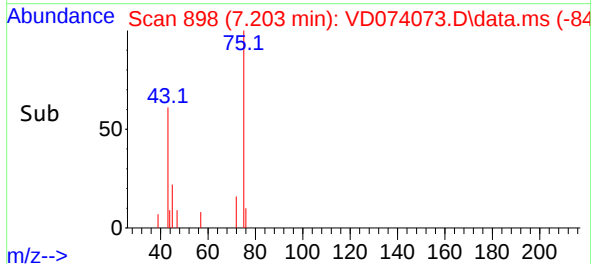
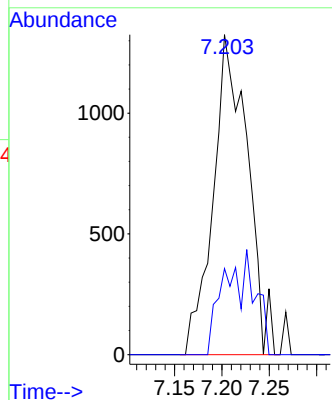
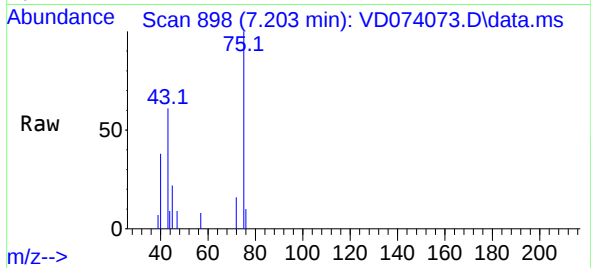




#25
2-Butanone
Concen: 10.477 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD074073.D
Acq: 12 Aug 2022 20:13

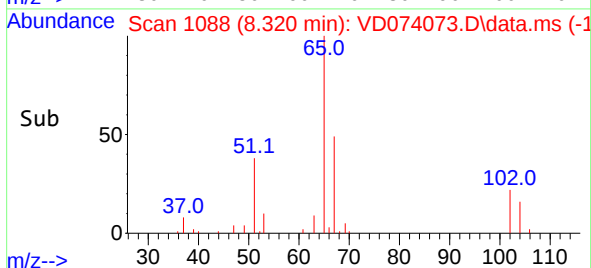
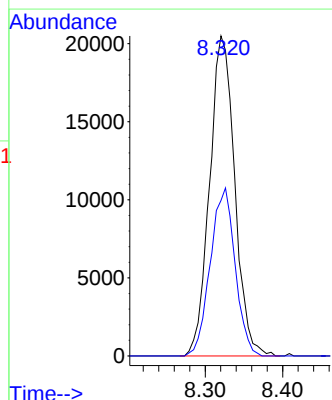
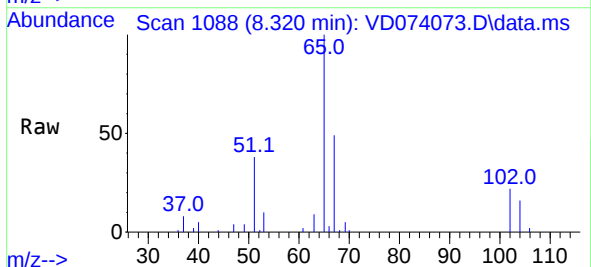
Instrument :
MSVOA_D
ClientSampleId :
WC-4

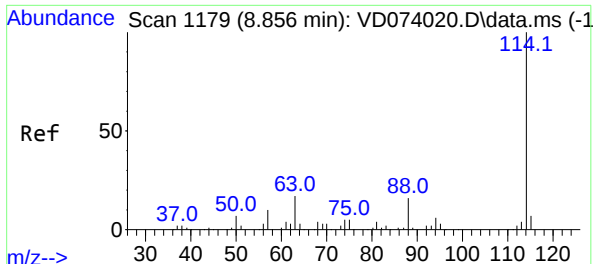
Tgt Ion: 43 Resp: 3334
Ion Ratio Lower Upper
43 100
72 26.9 23.0 34.6



#33
1,2-Dichloroethane-d4
Concen: 45.496 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074073.D
Acq: 12 Aug 2022 20:13

Tgt Ion: 65 Resp: 46297
Ion Ratio Lower Upper
65 100
67 51.7 0.0 113.6

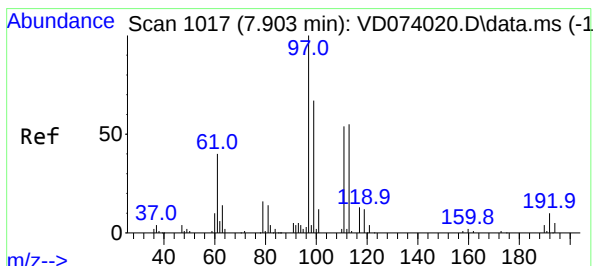
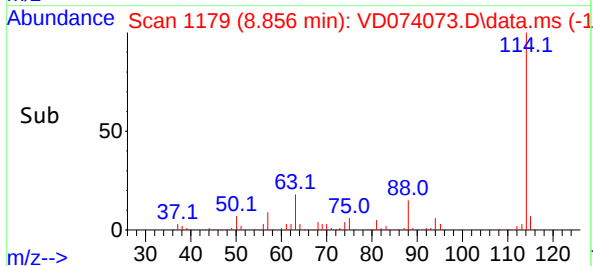
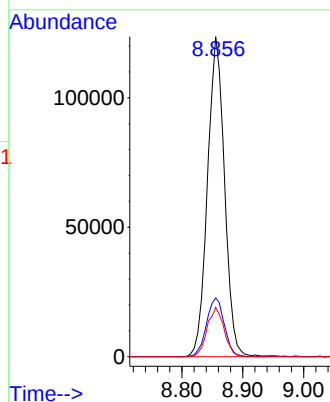
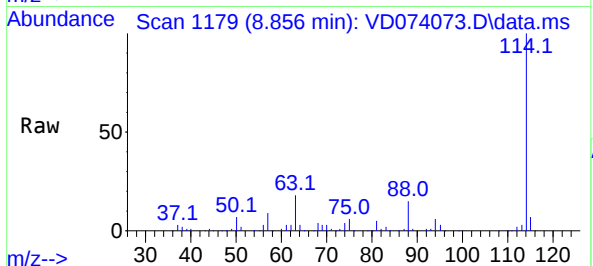




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VD074073.D
Acq: 12 Aug 2022 20:13

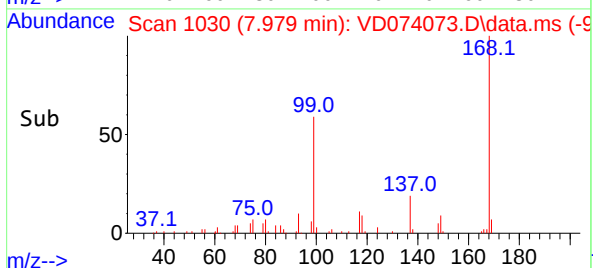
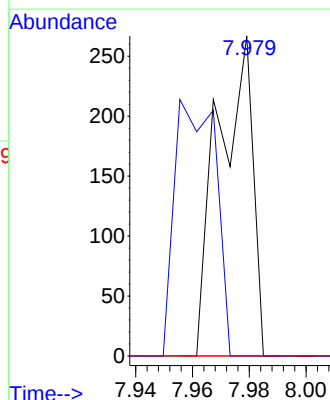
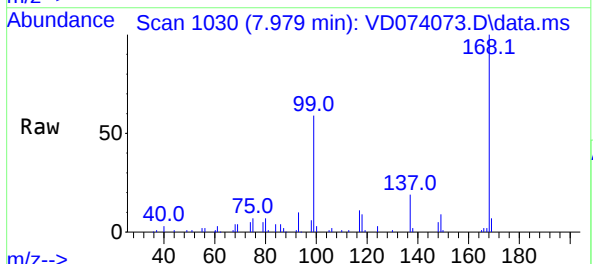
Instrument :
MSVOA_D
ClientSampleId :
WC-4

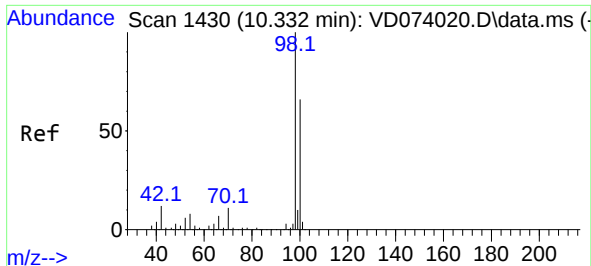
Tgt Ion:114 Resp: 240463
Ion Ratio Lower Upper
114 100
63 18.3 0.0 41.0
88 15.4 0.0 31.6



#35
Dibromofluoromethane
Concen: 0.142 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.076 min
Lab File: VD074073.D
Acq: 12 Aug 2022 20:13

Tgt Ion:113 Resp: 226
Ion Ratio Lower Upper
113 100
111 0.0 80.0 120.0#
192 0.0 14.2 21.4#

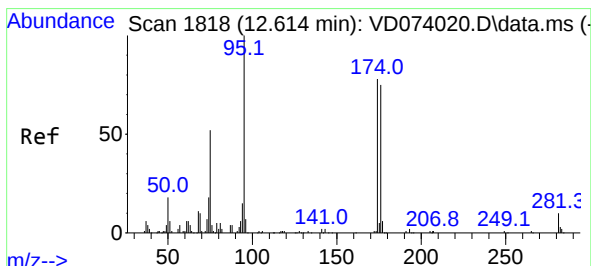
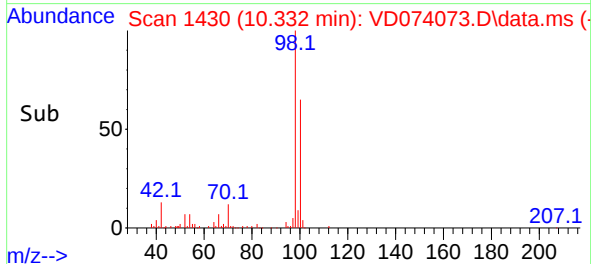
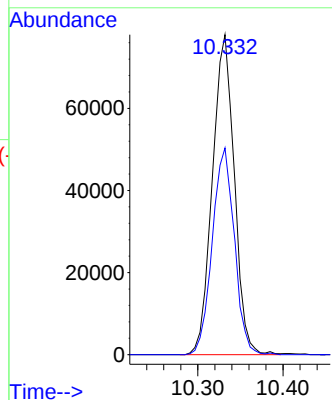
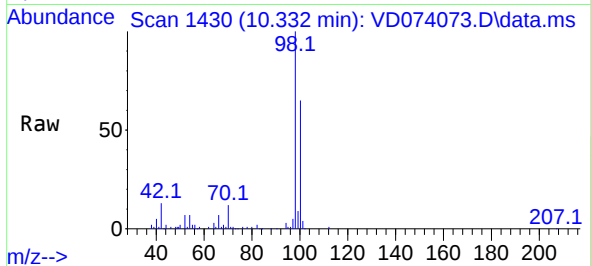




#50
Toluene-d8
Concen: 31.241 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074073.D
Acq: 12 Aug 2022 20:13

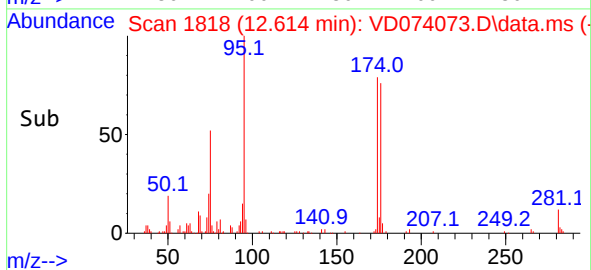
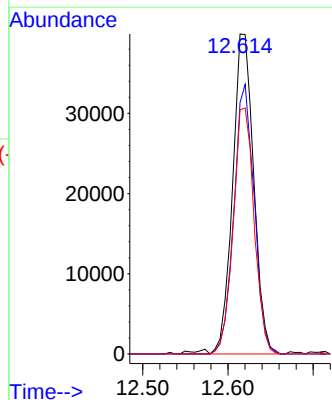
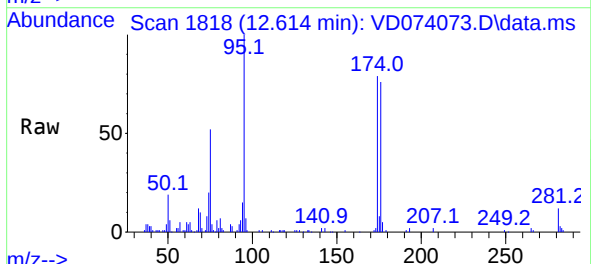
Instrument :
MSVOA_D
ClientSampleId :
WC-4

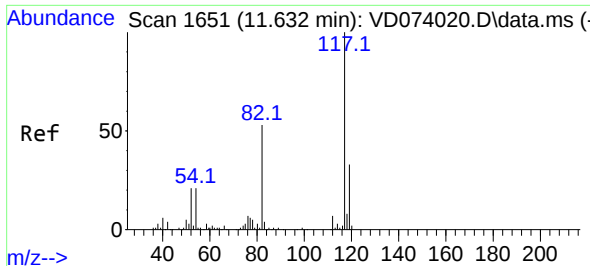
Tgt Ion: 98 Resp: 139409
Ion Ratio Lower Upper
98 100
100 65.1 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 35.158 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VD074073.D
Acq: 12 Aug 2022 20:13

Tgt Ion: 95 Resp: 69052
Ion Ratio Lower Upper
95 100
174 80.6 0.0 162.6
176 75.5 0.0 160.0

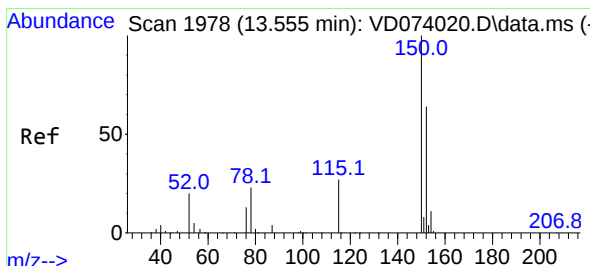
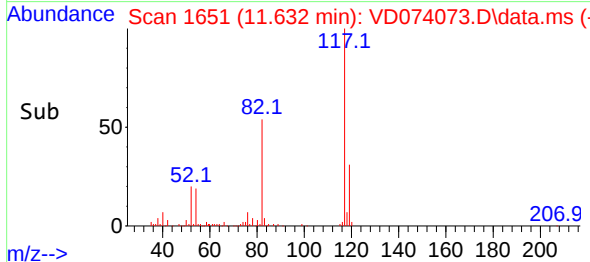
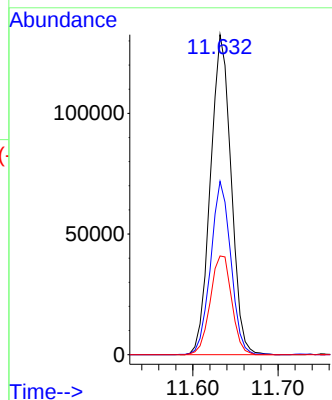
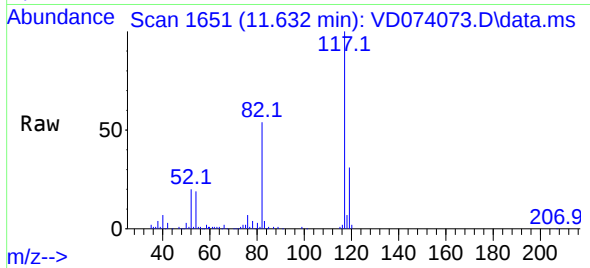




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074073.D
Acq: 12 Aug 2022 20:13

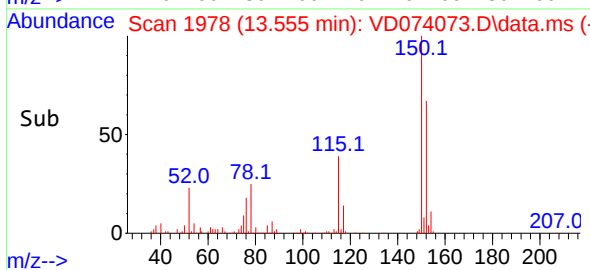
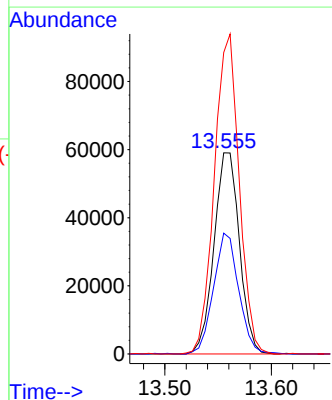
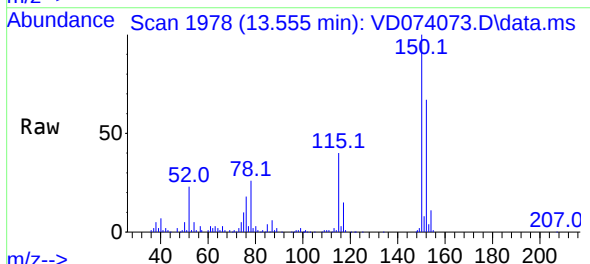
Instrument :
MSVOA_D
ClientSampleId :
WC-4

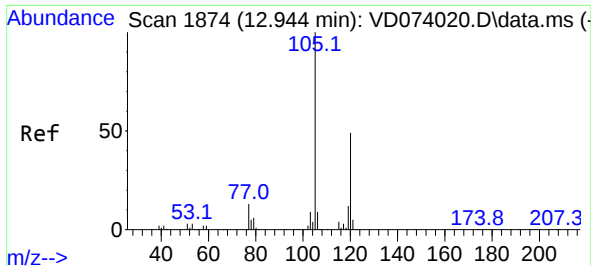
Tgt Ion:117 Resp: 223113
Ion Ratio Lower Upper
117 100
82 54.1 42.7 64.1
119 30.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074073.D
Acq: 12 Aug 2022 20:13

Tgt Ion:152 Resp: 97692
Ion Ratio Lower Upper
152 100
115 59.7 29.9 89.8
150 155.7 0.0 342.8

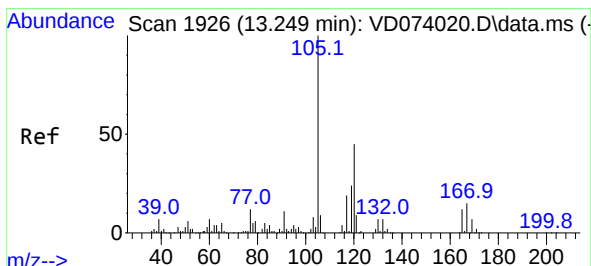
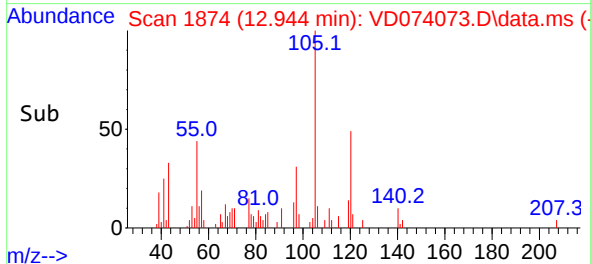
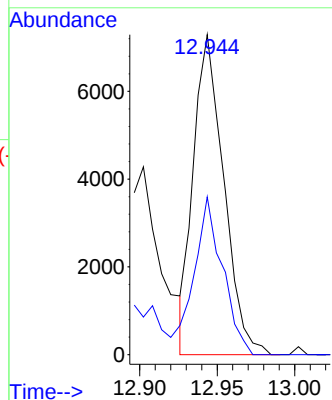
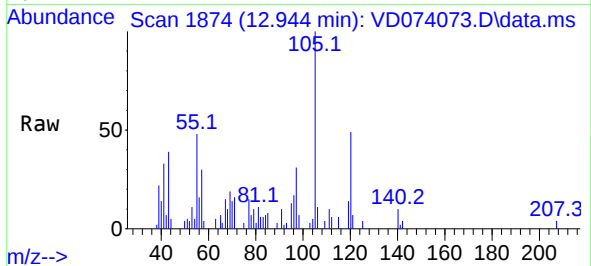




#80
1,3,5-Trimethylbenzene
Concen: 1.716 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VD074073.D
Acq: 12 Aug 2022 20:13

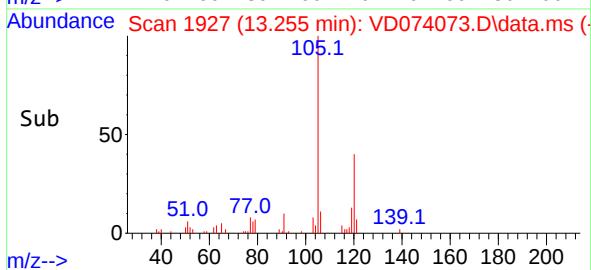
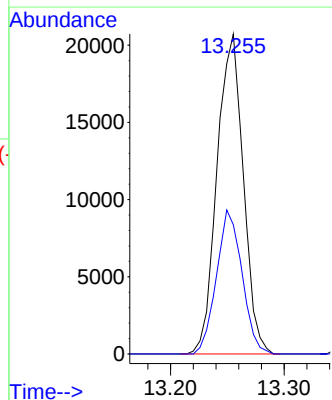
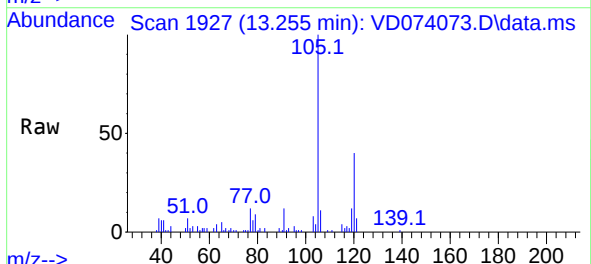
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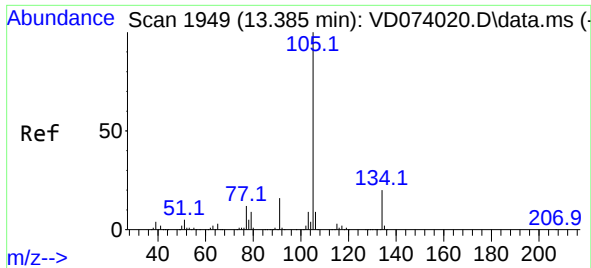
Tgt Ion:105 Resp: 9896
Ion Ratio Lower Upper
105 100
120 46.5 24.6 73.6



#84
1,2,4-Trimethylbenzene
Concen: 5.742 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.006 min
Lab File: VD074073.D
Acq: 12 Aug 2022 20:13

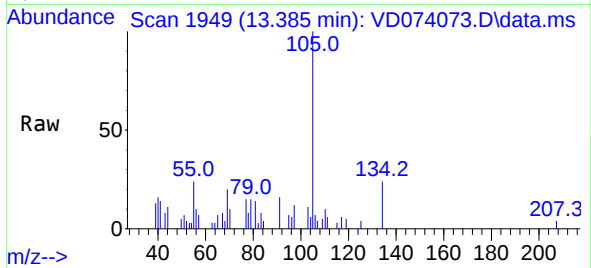
Tgt Ion:105 Resp: 33286
Ion Ratio Lower Upper
105 100
120 43.8 22.7 68.0





#85
 sec-Butylbenzene
 Concen: 1.097 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD074073.D
 Acq: 12 Aug 2022 20:13

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-4



Tgt Ion:105 Resp: 8280
 Ion Ratio Lower Upper
 105 100
 134 30.3 10.1 30.3

