

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw121420\
 Data File : VW017618.D
 Acq On : 14 Dec 2020 18:16
 Operator : SY/VA
 Sample : L5048-01
 Misc : 5.74G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-121120

Quant Time: Dec 15 03:28:49 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82w121420S.M
 Quant Title : Sw846 8260
 QLast Update : Mon Dec 14 12:39:23 2020
 Response via : Initial Calibration

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

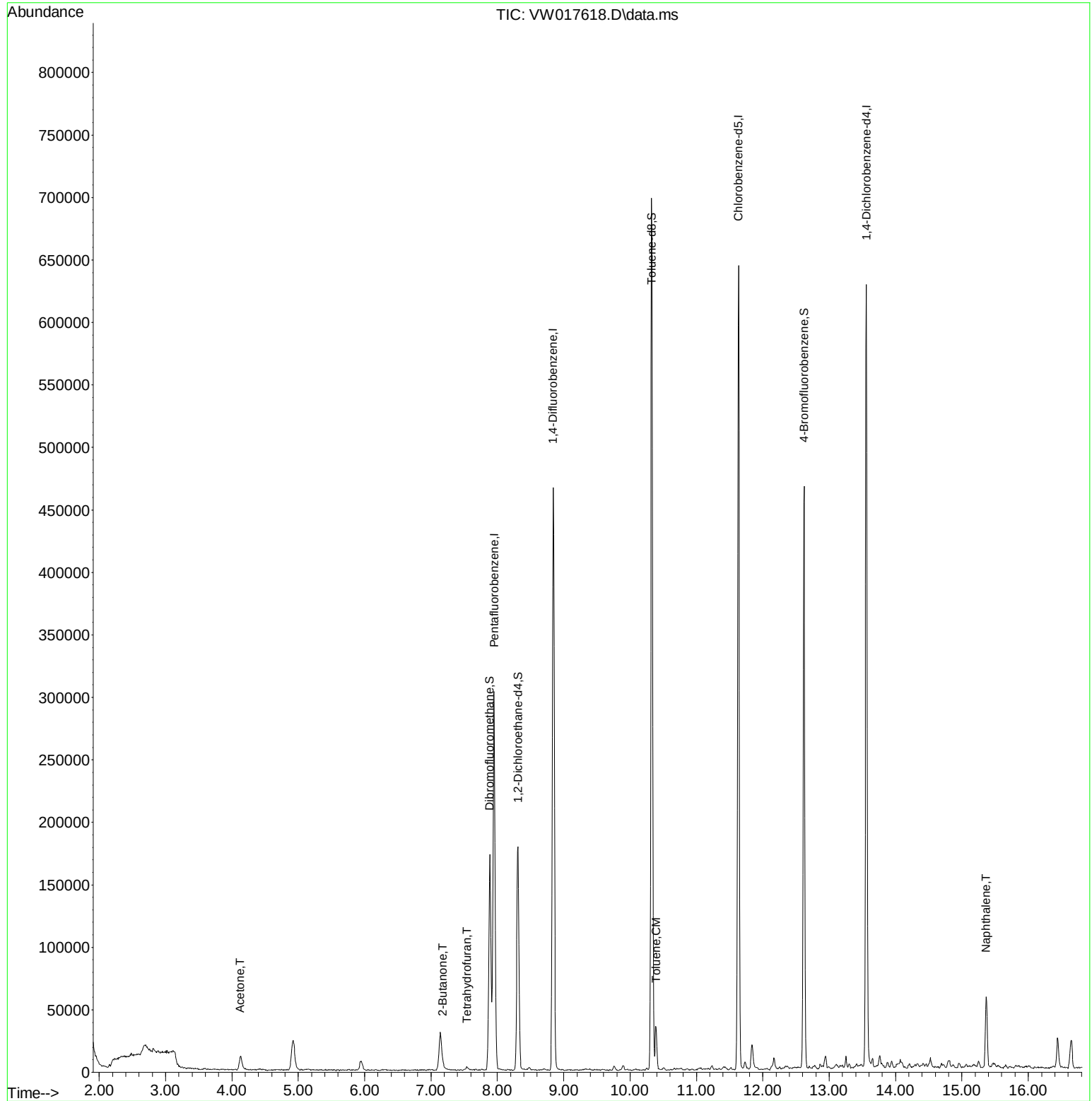
Internal Standards						
1) Pentafluorobenzene	7.952	168	210343	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	375113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	336454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	147091	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	141191	55.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.22%	
35) Dibromofluoromethane	7.885	113	120743	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
50) Toluene-d8	10.323	98	454063	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
62) 4-Bromofluorobenzene	12.622	95	154197	44.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.38%	
Target Compounds						
						Qvalue
16) Acetone	4.123	43	20840	37.38	ug/l	93
25) 2-Butanone	7.177	43	3849	5.18	ug/l	# 78
29) Tetrahydrofuran	7.543	42	2218	5.31	ug/l	91
52) Toluene	10.390	92	14503	2.13	ug/l	98
95) Naphthalene	15.365	128	45602	7.90	ug/l	98

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

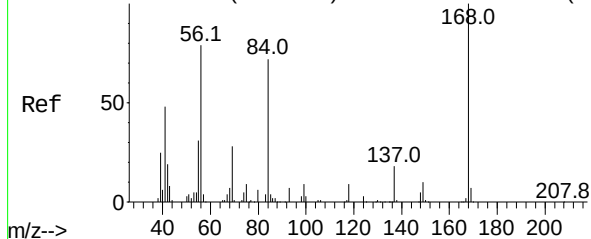
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121420\
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Response via : Initial Calibration



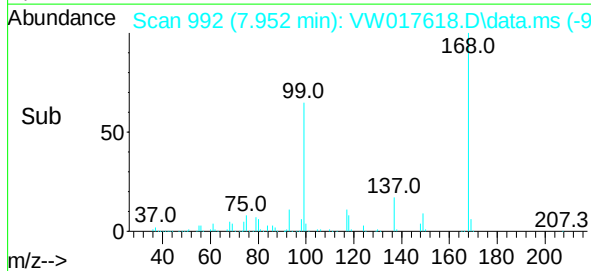
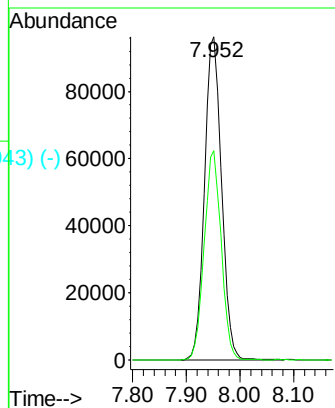
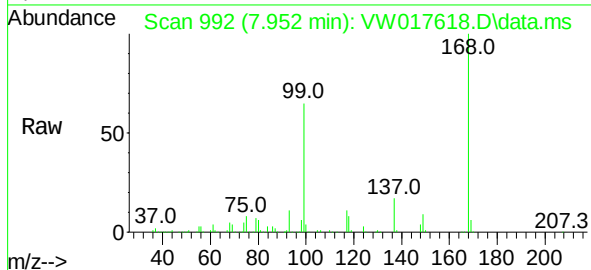
Abundance Scan 992 (7.951 min): VW017604.D\data.ms (-980#1)



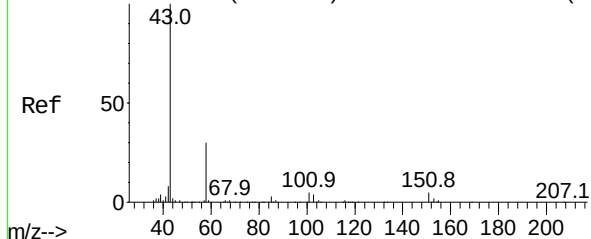
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW017618.D
Acq: 14 Dec 2020 18:16

Instrument :
MSVOA_W
ClientSampled :
OR-02-121120

Tgt Ion:168 Resp: 210343
Ion Ratio Lower Upper
168 100
99 64.7 40.7 61.1#

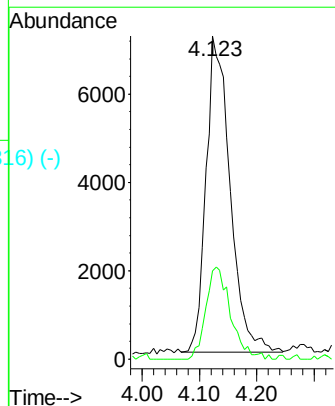
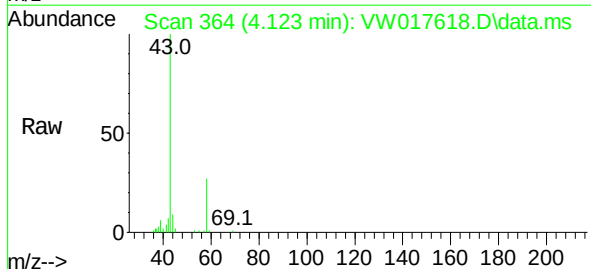


Abundance Scan 365 (4.129 min): VW017604.D\data.ms (-343#1)

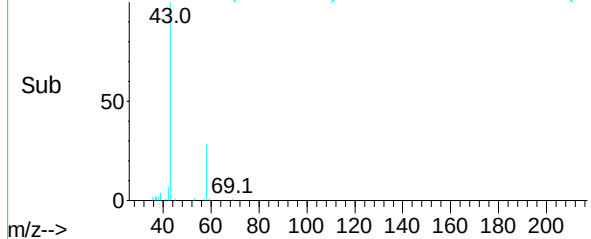


Acetone
Concen: 37.38 ug/l
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW017618.D
Acq: 14 Dec 2020 18:16

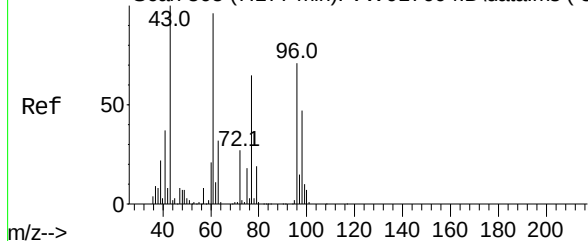
Tgt Ion: 43 Resp: 20840
Ion Ratio Lower Upper
43 100
58 27.9 25.7 38.5



Abundance Scan 364 (4.123 min): VW017618.D\data.ms (-316) (-)



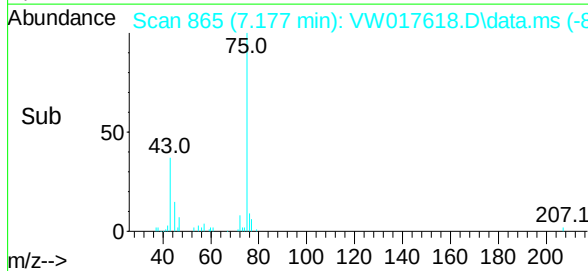
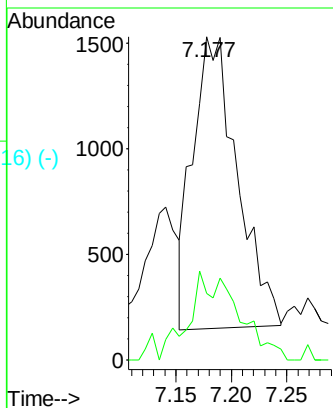
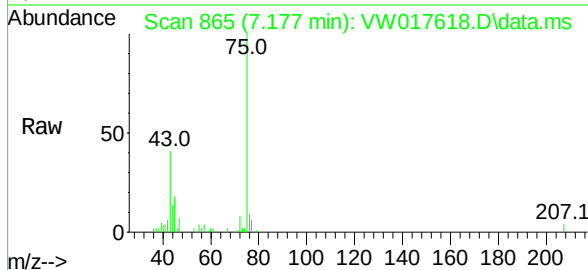
Abundance Scan 865 (7.177 min): VW017604.D\data.ms (-849#25)



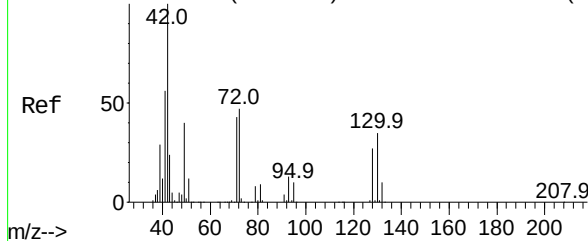
2-Butanone
Concen: 5.18 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW017618.D
Acq: 14 Dec 2020 18:16

Instrument :
MSVOA_W
ClientSampleId :
OR-02-121120

Tgt Ion: 43 Resp: 3849
Ion Ratio Lower Upper
43 100
72 19.4 25.4 38.2#

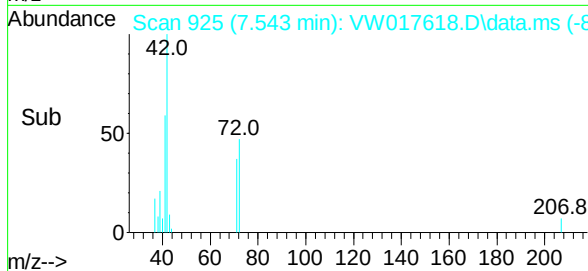
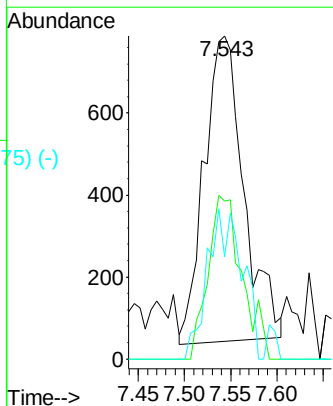
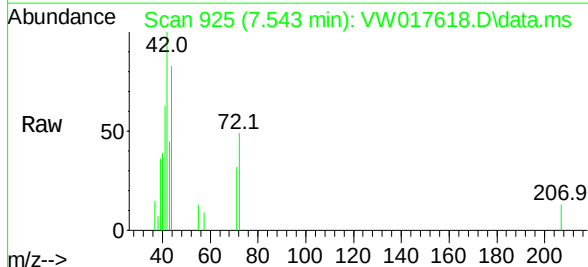


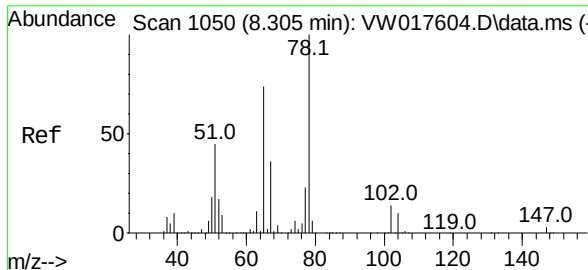
Abundance Scan 924 (7.537 min): VW017604.D\data.ms (-908#29)



Tetrahydrofuran
Concen: 5.31 ug/l
RT: 7.543 min Scan# 925
Delta R.T. 0.006 min
Lab File: VW017618.D
Acq: 14 Dec 2020 18:16

Tgt Ion: 42 Resp: 2218
Ion Ratio Lower Upper
42 100
72 45.9 42.0 63.0
71 42.9 39.0 58.6

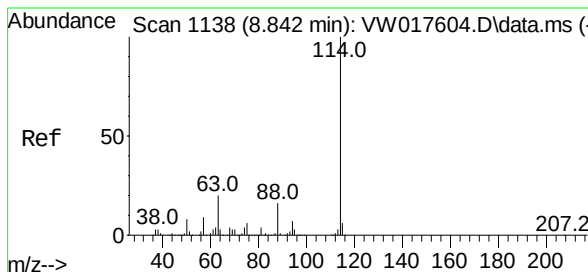
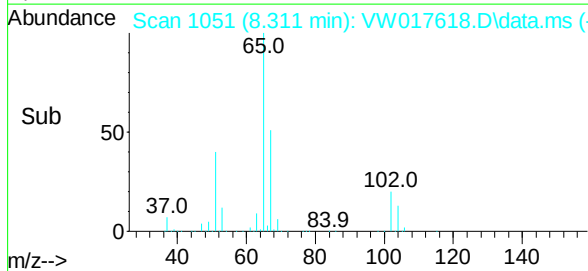
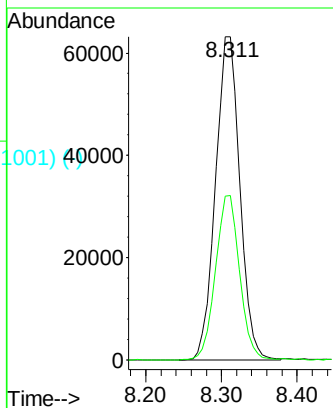
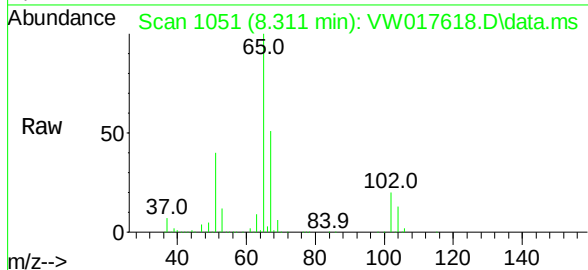




1,2-Dichloroethane-d4
 Concen: 55.11 ug/l
 RT: 8.311 min Scan# 1051
 Delta R.T. 0.006 min
 Lab File: VW017618.D
 Acq: 14 Dec 2020 18:16

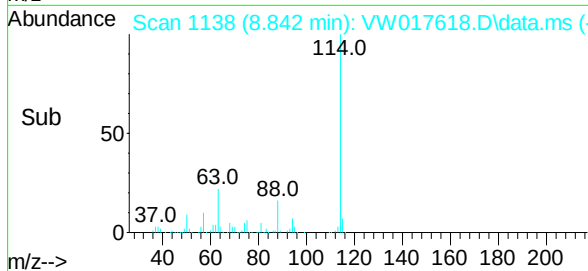
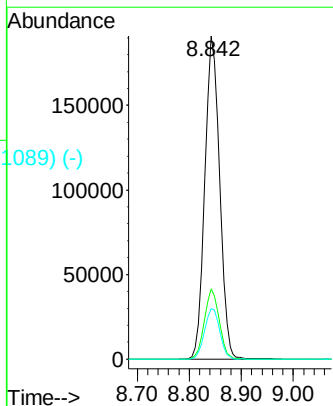
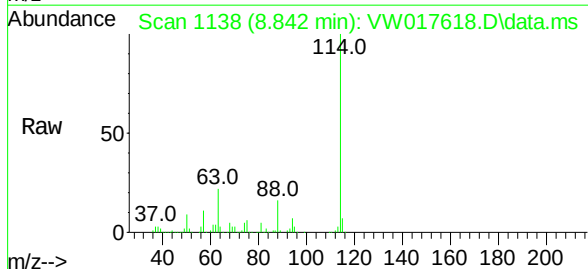
Instrument :
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 ClientSampleId :
 OR-02-121120

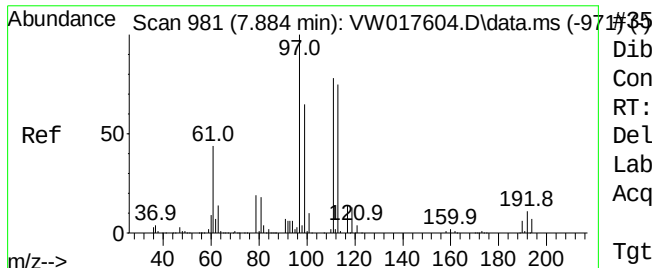
Tgt Ion: 65 Resp: 141191
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 103.8



1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.842 min Scan# 1138
 Delta R.T. -0.000 min
 Lab File: VW017618.D
 Acq: 14 Dec 2020 18:16

Tgt Ion: 114 Resp: 375113
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 35.6
 88 15.7 0.0 30.4

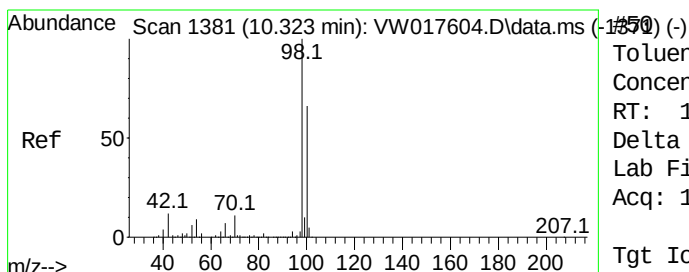
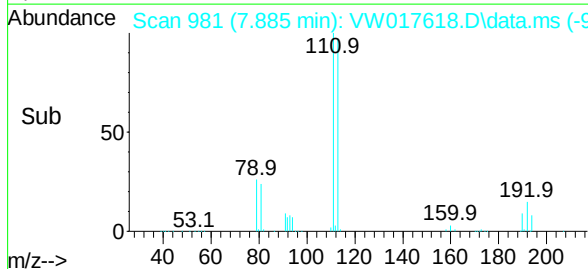
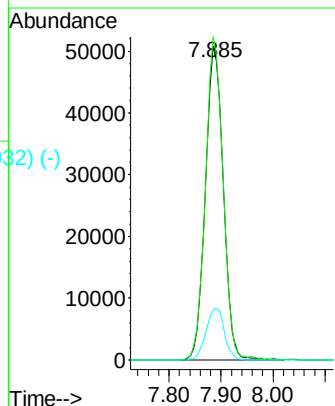
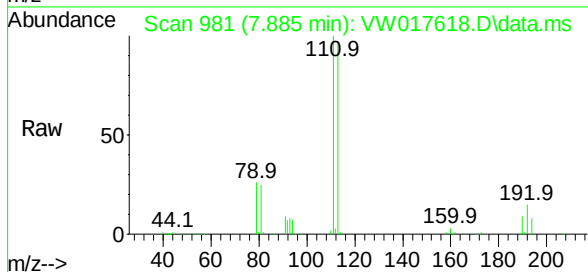




Dibromofluoromethane
Concen: 48.64 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.001 min
Lab File: VW017618.D
Acq: 14 Dec 2020 18:16

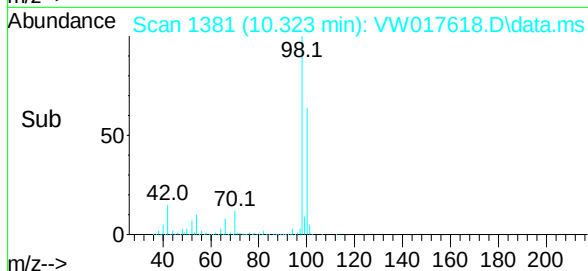
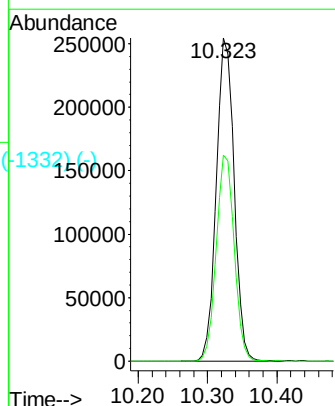
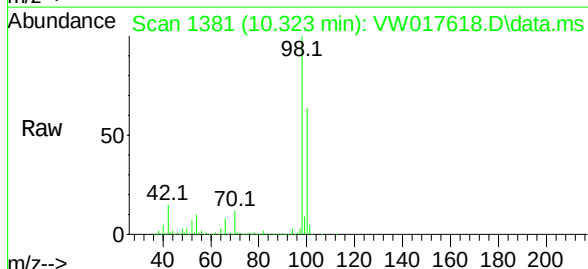
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ClientSampleId :
OR-02-121120

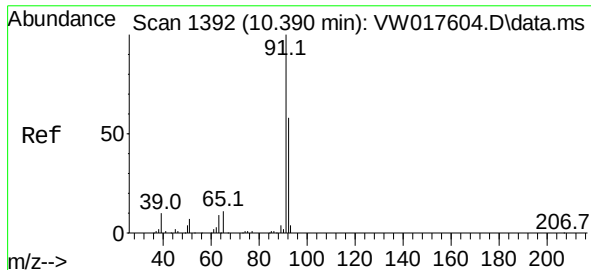
Tgt Ion:113 Resp: 120743
Ion Ratio Lower Upper
113 100
111 101.7 81.4 122.2
192 16.7 17.8 26.8#



Toluene-d8
Concen: 46.98 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017618.D
Acq: 14 Dec 2020 18:16

Tgt Ion: 98 Resp: 454063
Ion Ratio Lower Upper
98 100
100 64.3 53.3 79.9

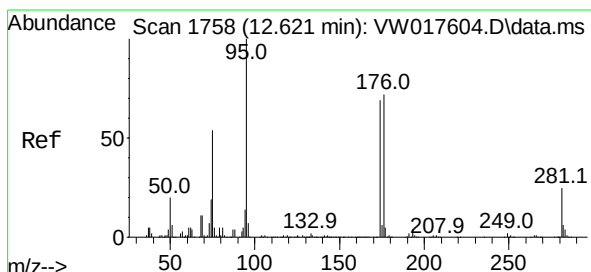
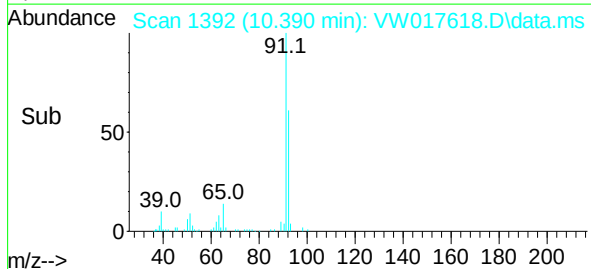
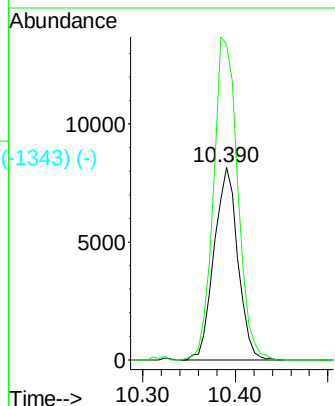
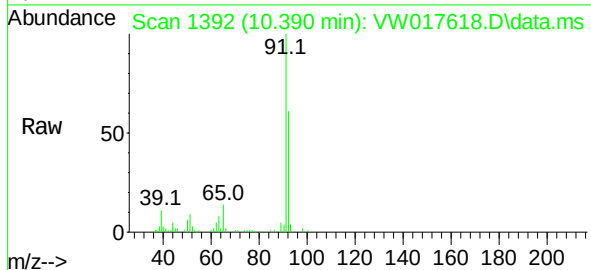




Scan 1392 (10.390 min): VW017604.D\data.ms (-1343) (-)
 Toluene
 Concen: 2.13 ug/l
 RT: 10.390 min Scan# 1392
 Delta R.T. 0.000 min
 Lab File: VW017618.D
 Acq: 14 Dec 2020 18:16

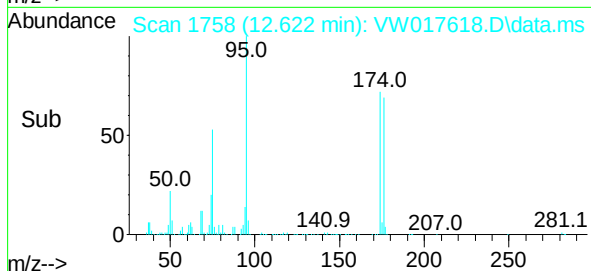
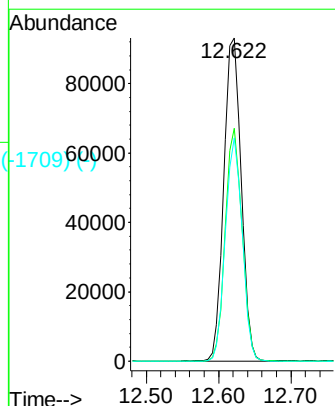
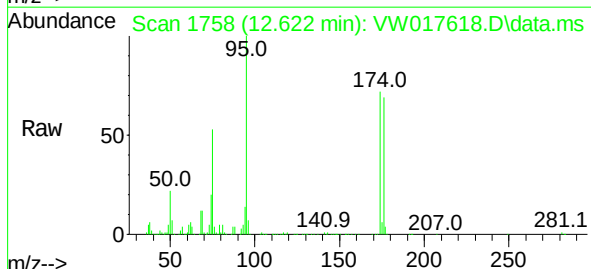
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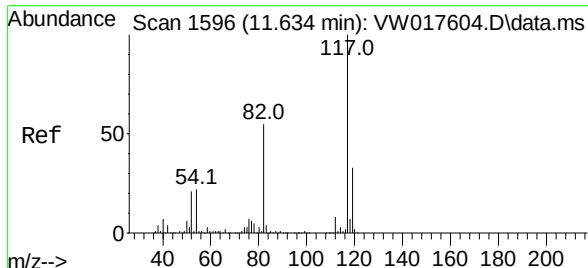
Tgt Ion: 92 Resp: 14503
 Ion Ratio Lower Upper
 92 100
 91 171.2 134.7 202.1



Scan 1758 (12.621 min): VW017604.D\data.ms (-1709) (-)
 4-Bromofluorobenzene
 Concen: 44.69 ug/l
 RT: 12.622 min Scan# 1758
 Delta R.T. 0.001 min
 Lab File: VW017618.D
 Acq: 14 Dec 2020 18:16

Tgt Ion: 95 Resp: 154197
 Ion Ratio Lower Upper
 95 100
 174 69.7 0.0 180.6
 176 66.8 0.0 177.6

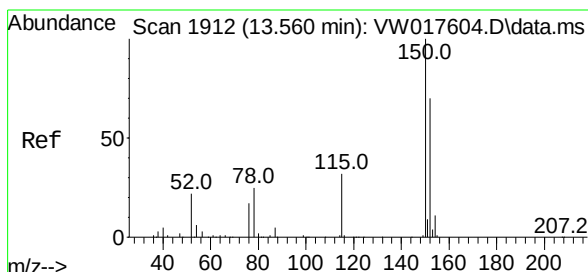
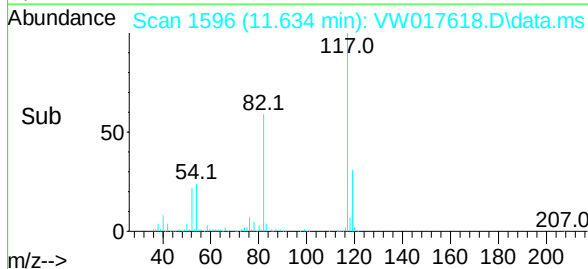
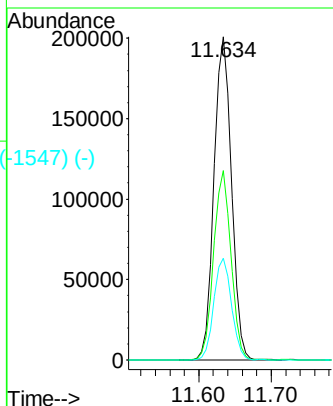
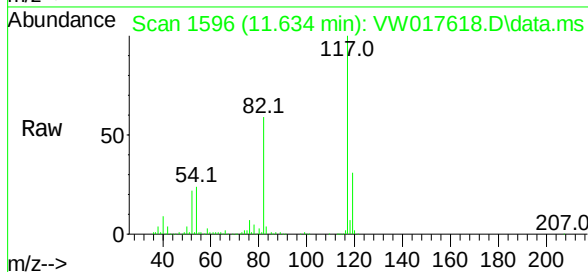




Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.634 min Scan# 1596
 Delta R.T. -0.000 min
 Lab File: VW017618.D
 Acq: 14 Dec 2020 18:16

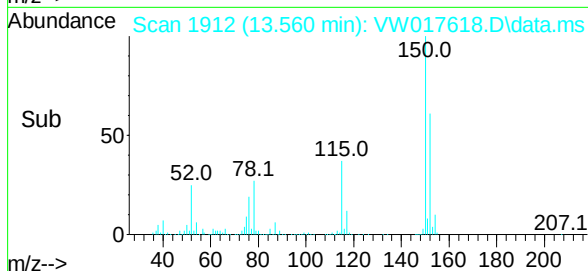
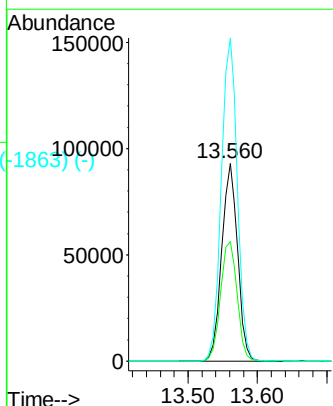
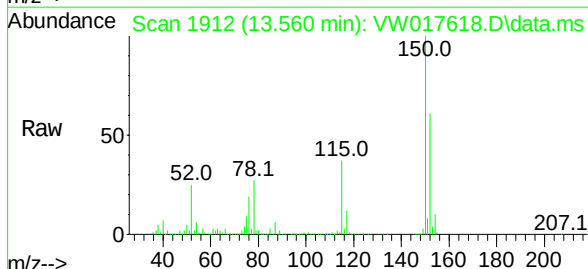
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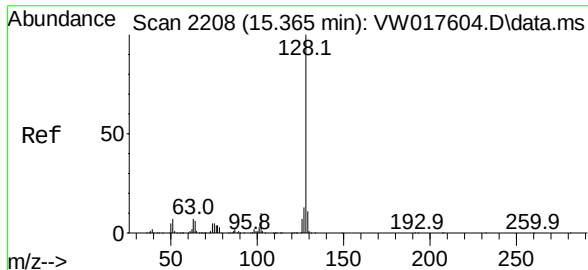
Tgt Ion:	117	Resp:	336454
Ion	Ratio	Lower	Upper
117	100		
82	58.6	40.7	61.1
119	31.4	25.0	37.4



1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.560 min Scan# 1912
 Delta R.T. 0.000 min
 Lab File: VW017618.D
 Acq: 14 Dec 2020 18:16

Tgt Ion:	152	Resp:	147091
Ion	Ratio	Lower	Upper
152	100		
115	63.1	27.9	83.7
150	164.7	0.0	344.0





Naphthalene
 Concen: 7.90 ug/l
 RT: 15.365 min Scan# 2208
 Delta R.T. -0.000 min
 Lab File: VW017618.D
 Acq: 14 Dec 2020 18:16

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-121120

Tgt Ion:	128	Resp:	45602
Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.4	15.6
129	11.1	8.6	12.8

