

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080219\
 Data File : VD063325.D
 Acq On : 2 Aug 2019 19:07
 Operator : VA/AP
 Sample : K4130-07
 Misc : 5.16g/5ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1S-F1-(30)

Quant Time: Aug 04 03:40:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	1107572	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.20	114	1466461	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	1232734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	551701	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	530742	43.19	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	86.38%	
35) Dibromofluoromethane	6.91	113	571276	45.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.26%	
50) Toluene-d8	10.39	98	1177062	42.01	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	84.02%	
62) 4-Bromofluorobenzene	13.54	95	484285	37.93	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	75.86%	

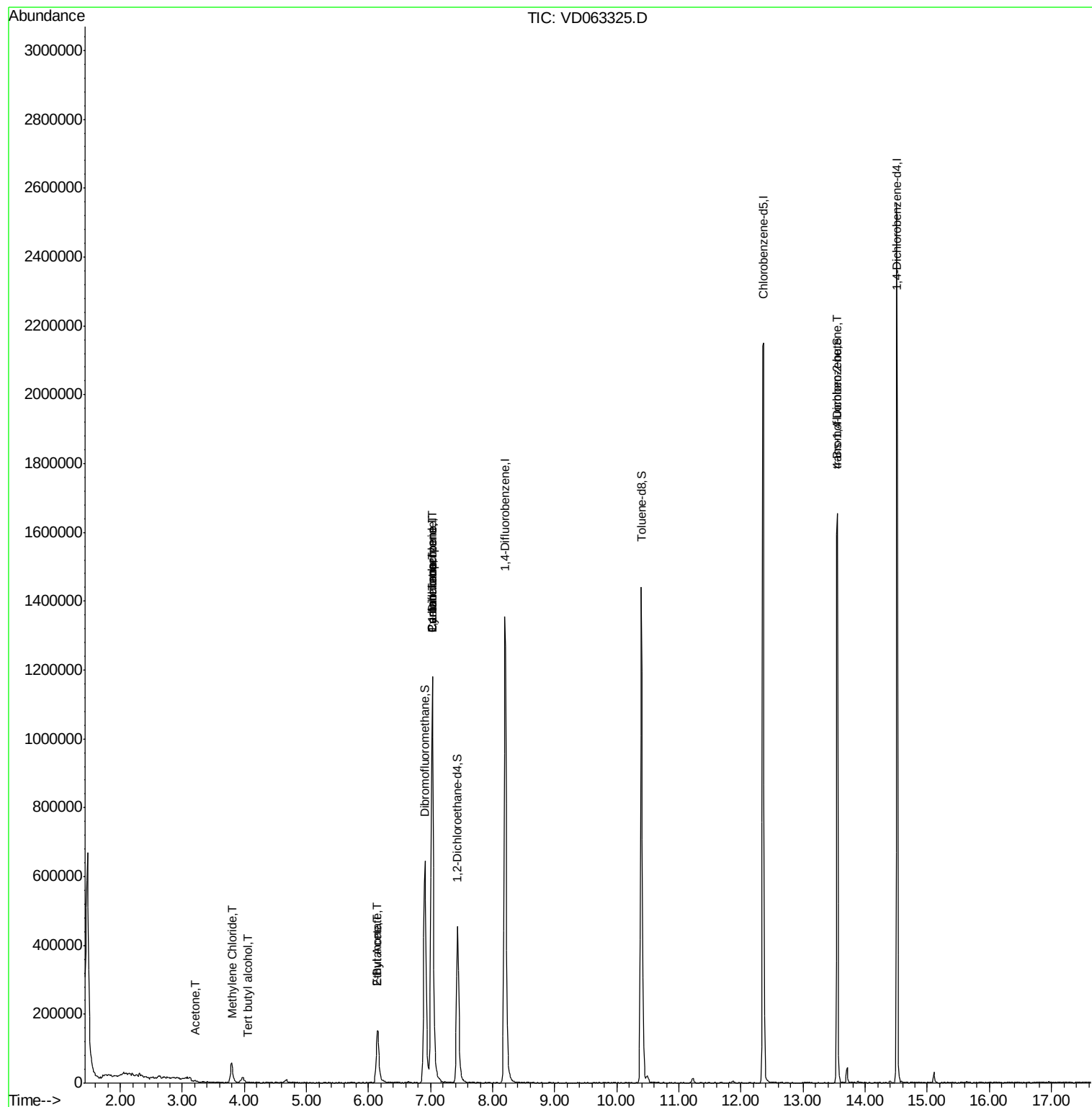
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.06	59	2115	3.922	ug/l #	68
16) Acetone	3.21	43	10176	4.250	ug/l #	62
20) Methylene Chloride	3.80	84	30050	3.105	ug/l	96
25) 2-Butanone	6.14	43	10907	4.539	ug/l #	72
31) Cyclohexane	7.03	56	23104	2.111	ug/l #	2
36) 1,1-Dichloropropene	7.02	75	81646	6.101	ug/l #	52
37) Ethyl Acetate	6.14	43	10906	1.814	ug/l #	1
38) Carbon Tetrachloride	7.03	117	108047	5.363	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.54	75	228944	124.420	ug/l #	3

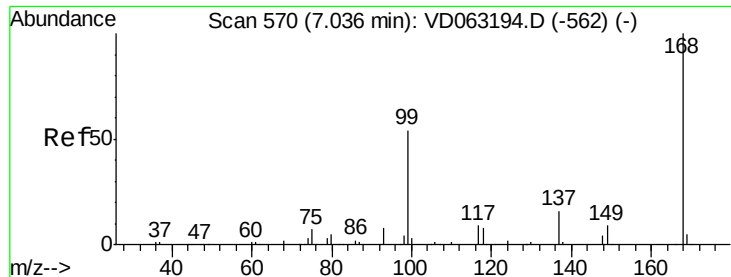
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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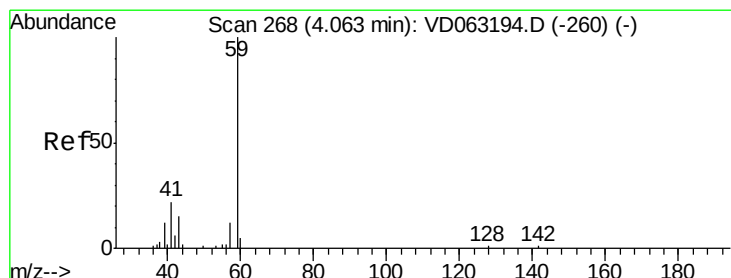
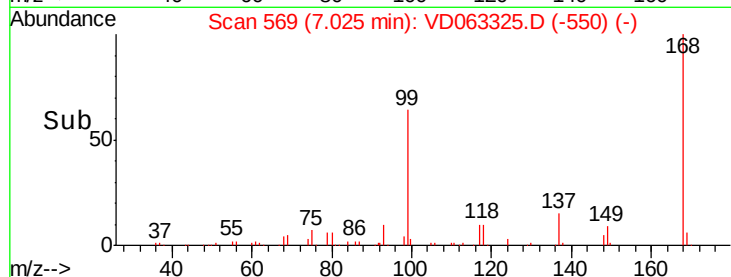
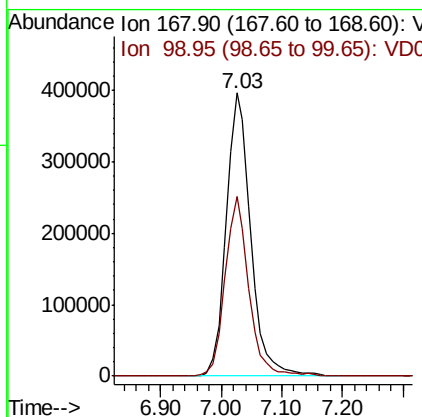
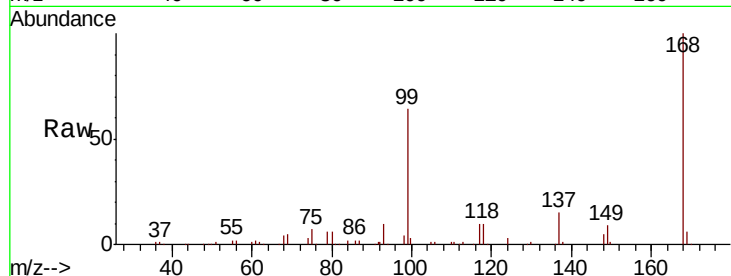




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.01 min
Lab File: VD063325.D
Acq: 2 Aug 2019 19:07

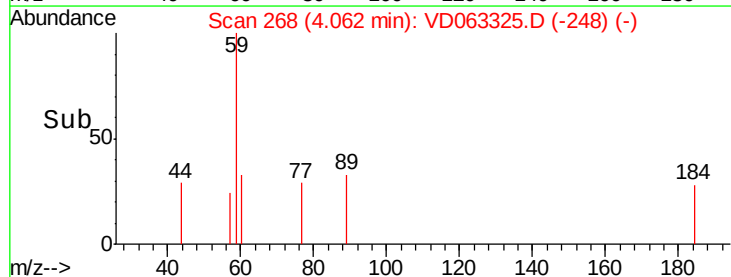
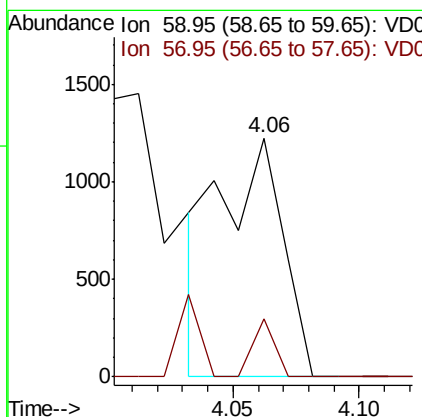
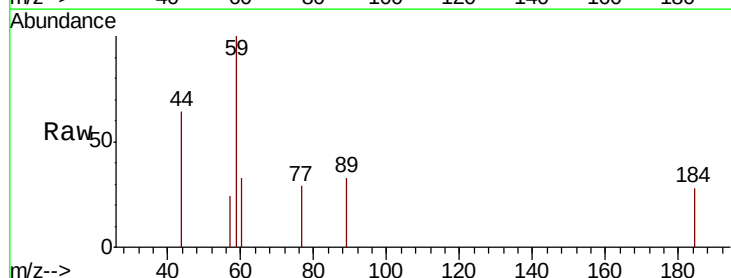
Instrument :
MSVOA_D
ClientSampleId :
1S-F1-(30)

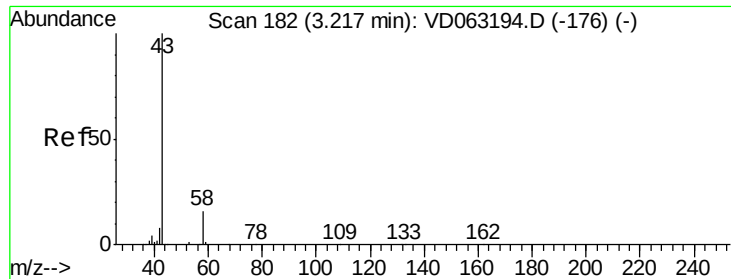
Tgt Ion:168 Resp: 1107572
Ion Ratio Lower Upper
168 100
99 63.7 43.7 65.5



#11
Tert butyl alcohol
Concen: 3.922 ug/l
RT: 4.06 min Scan# 268
Delta R.T. -0.00 min
Lab File: VD063325.D
Acq: 2 Aug 2019 19:07

Tgt Ion: 59 Resp: 2115
Ion Ratio Lower Upper
59 100
57 24.5 9.6 14.4#

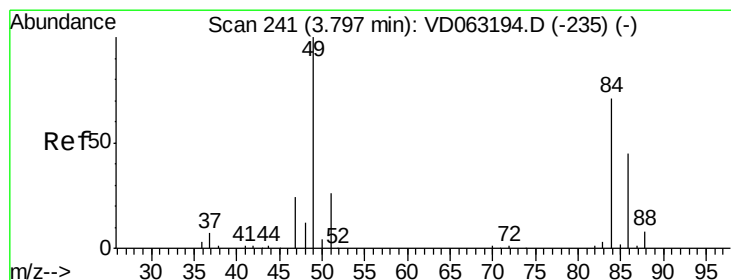
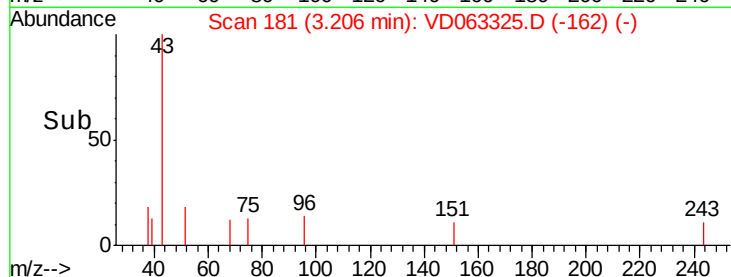
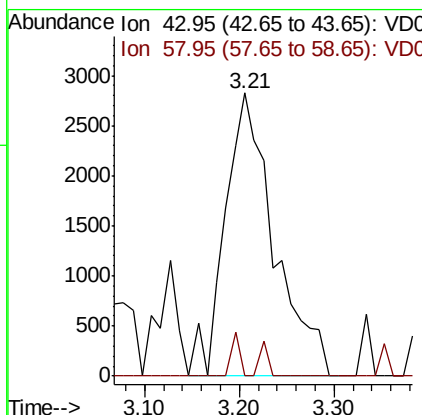
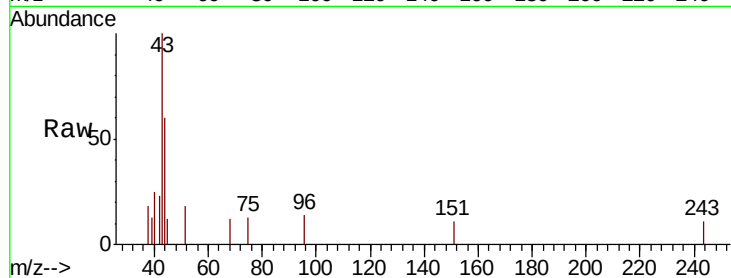




#16
Acetone
Concen: 4.250 ug/l
RT: 3.21 min Scan# 181
Delta R.T. -0.01 min
Lab File: VD063325.D
Acq: 2 Aug 2019 19:07

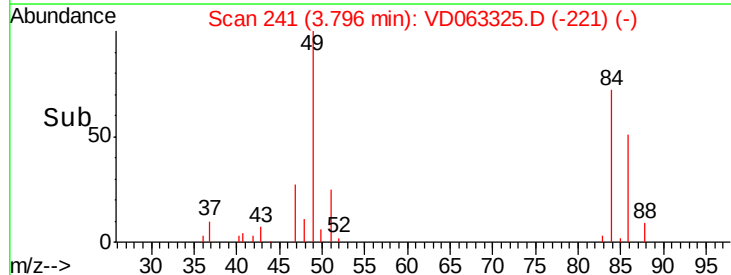
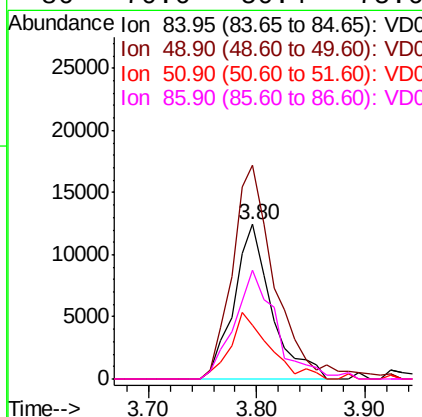
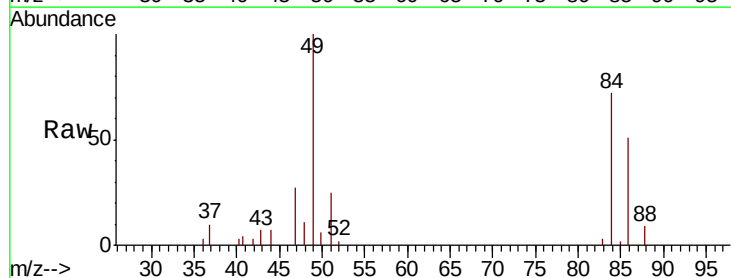
Instrument :
MSVOA_D
ClientSampleId :
1S-F1-(30)

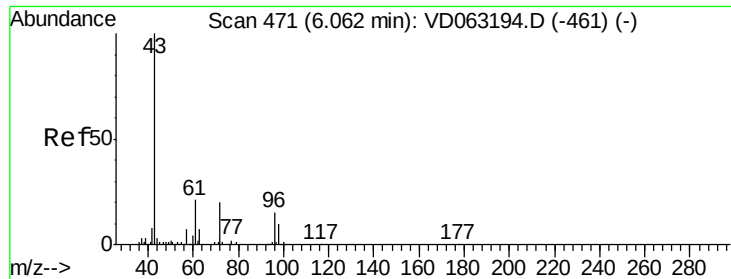
Tgt Ion: 43 Resp: 10176
Ion Ratio Lower Upper
43 100
58 0.0 13.0 19.4#



#20
Methylene Chloride
Concen: 3.105 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.00 min
Lab File: VD063325.D
Acq: 2 Aug 2019 19:07

Tgt Ion: 84 Resp: 30050
Ion Ratio Lower Upper
84 100
49 138.4 112.5 168.7
51 34.7 29.6 44.4
86 70.6 50.4 75.6

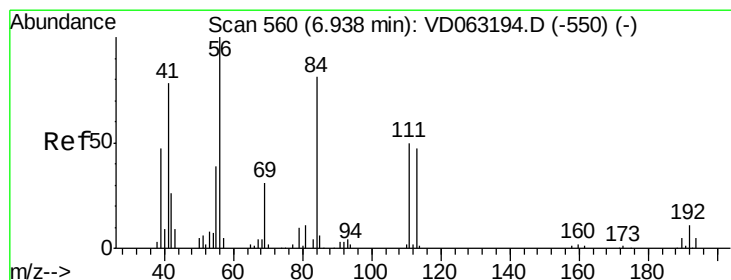
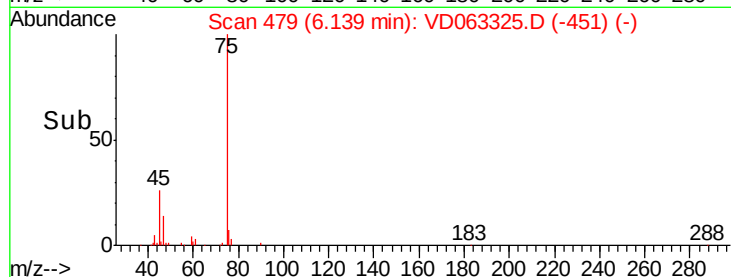
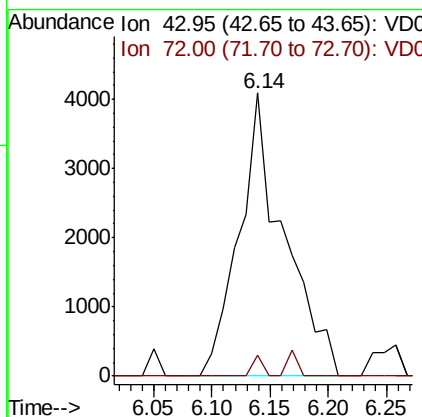
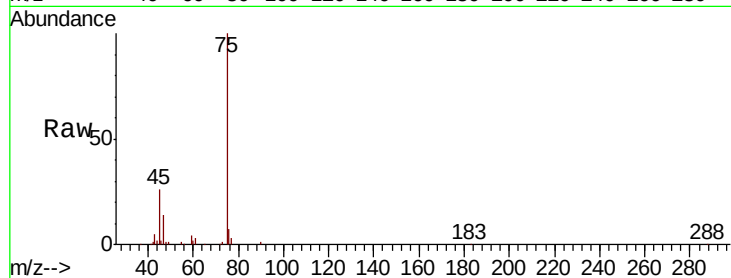




#25
2-Butanone
Concen: 4.539 ug/l
RT: 6.14 min Scan# 479
Delta R.T. 0.08 min
Lab File: VD063325.D
Acq: 2 Aug 2019 19:07

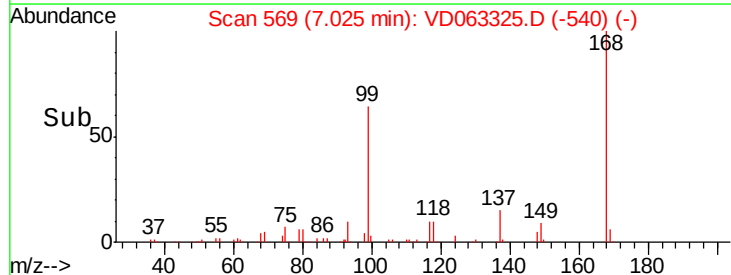
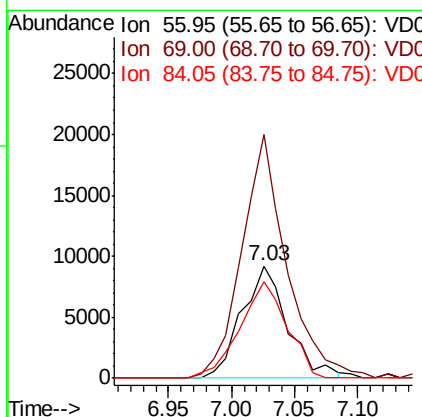
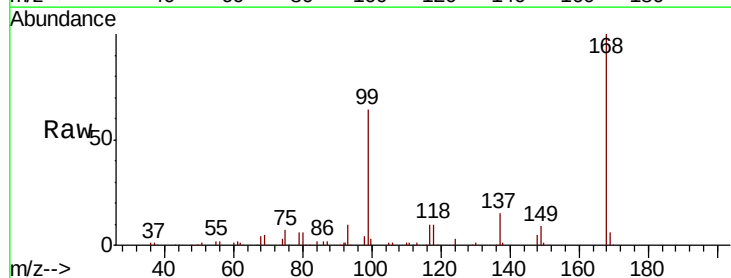
Instrument :
MSVOA_D
ClientSampleId :
1S-F1-(30)

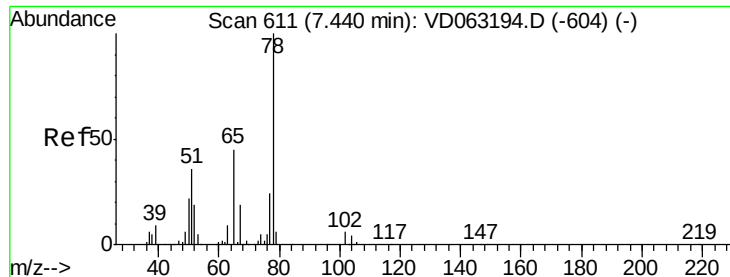
Tgt Ion: 43 Resp: 10907
Ion Ratio Lower Upper
43 100
72 7.5 16.3 24.5#



#31
Cyclohexane
Concen: 2.111 ug/l
RT: 7.03 min Scan# 569
Delta R.T. 0.09 min
Lab File: VD063325.D
Acq: 2 Aug 2019 19:07

Tgt Ion: 56 Resp: 23104
Ion Ratio Lower Upper
56 100
69 217.7 24.5 36.7#
84 86.4 64.9 97.3

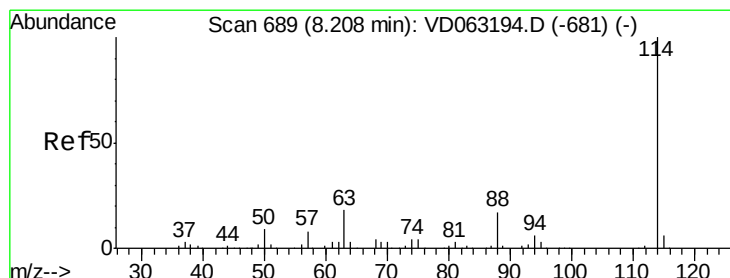
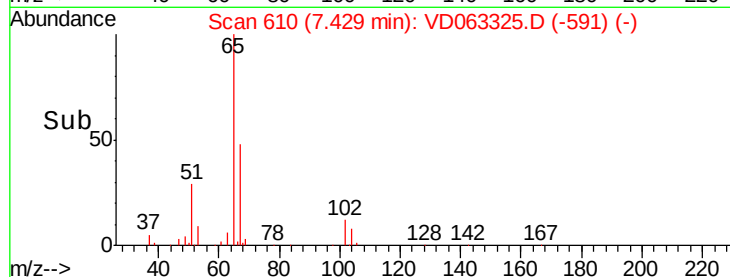
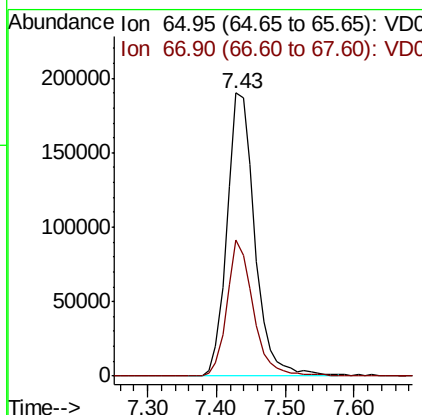
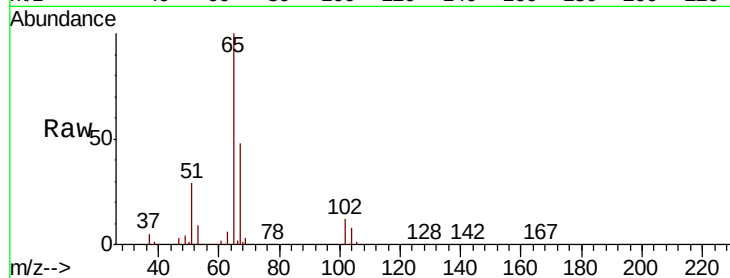




#33
 1,2-Dichloroethane-d4
 Concen: 43.186 ug/l
 RT: 7.43 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: VD063325.D
 Acq: 2 Aug 2019 19:07

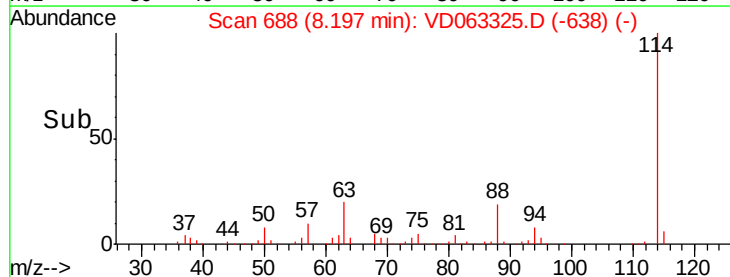
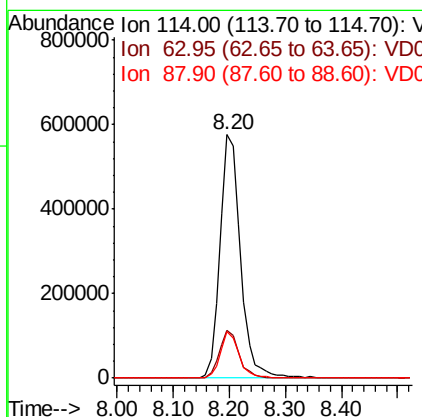
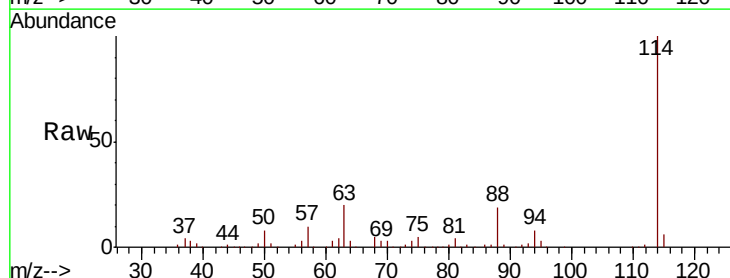
Instrument :
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 ClientSampleId :
 1S-F1-(30)

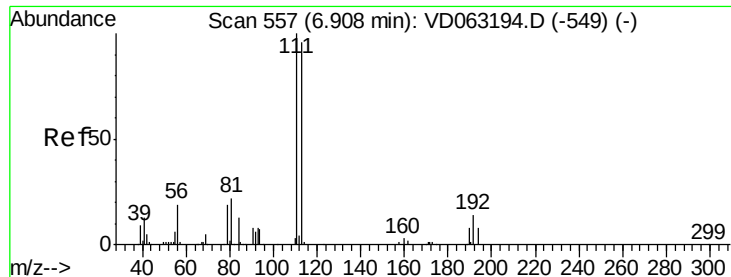
Tgt Ion: 65 Resp: 530742
 Ion Ratio Lower Upper
 65 100
 67 48.0 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: VD063325.D
 Acq: 2 Aug 2019 19:07

Tgt Ion: 114 Resp: 1466461
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 35.2
 88 18.9 0.0 34.6

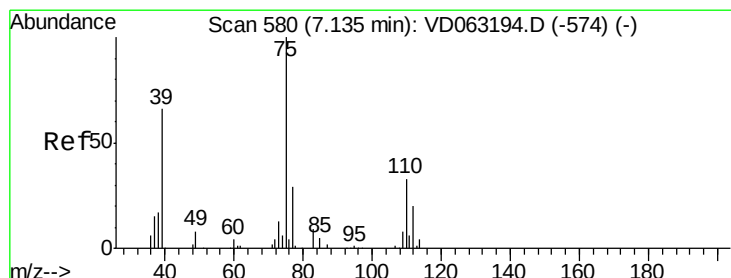
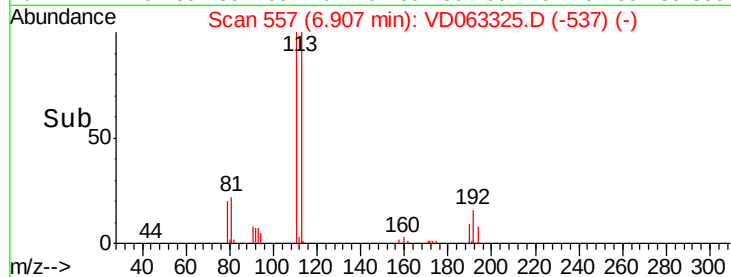
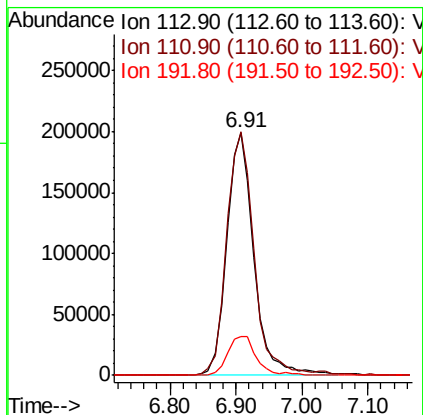
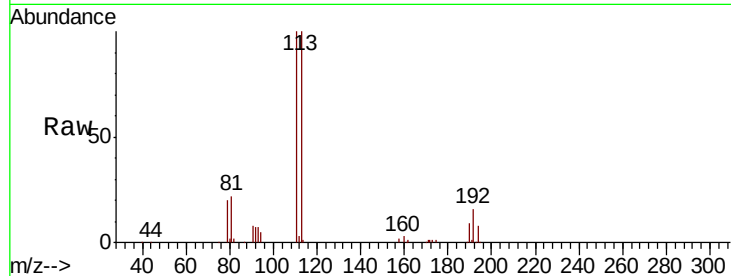




#35
 Dibromofluoromethane
 Concen: 45.627 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: VD063325.D
 Acq: 2 Aug 2019 19:07

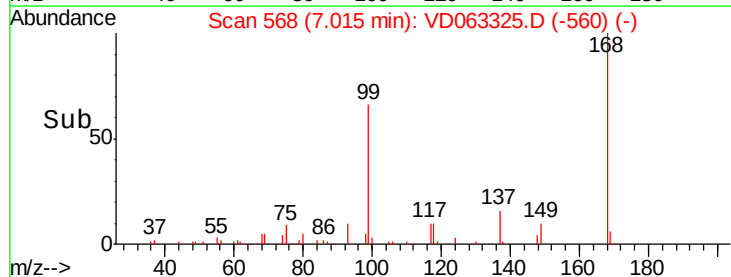
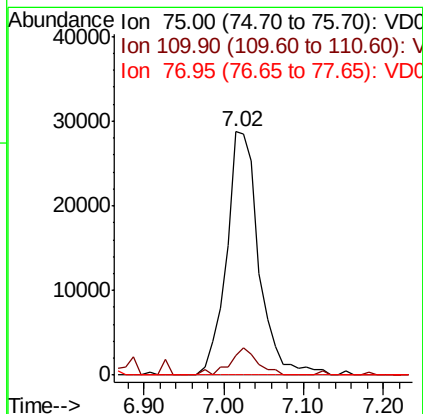
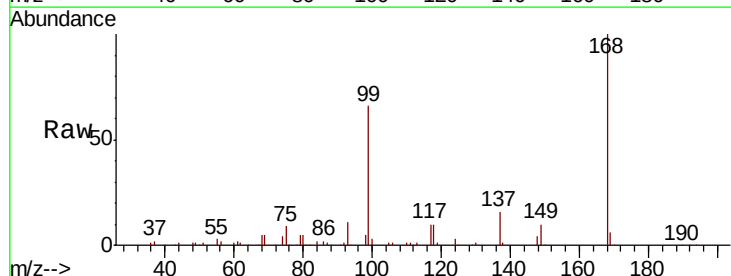
Instrument :
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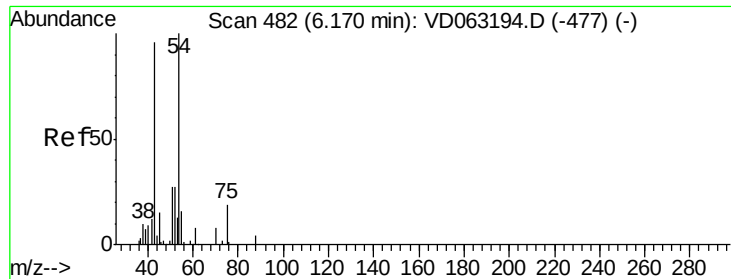
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.4	83.2	124.8
192	15.9	11.8	17.8



#36
 1,1-Dichloropropene
 Concen: 6.101 ug/l
 RT: 7.02 min Scan# 568
 Delta R.T. -0.12 min
 Lab File: VD063325.D
 Acq: 2 Aug 2019 19:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.1	16.1	48.2#
77	0.0	22.7	34.1#





#37

Ethyl Acetate

Concen: 1.814 ug/l

RT: 6.14 min Scan# 479

Delta R.T. -0.03 min

Lab File: VD063325.D

Acq: 2 Aug 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

1S-F1-(30)

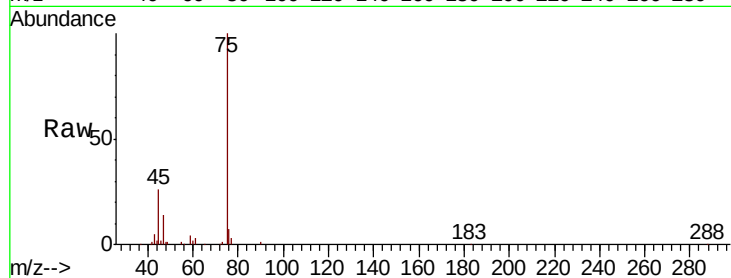
Tgt Ion: 43 Resp: 10906

Ion Ratio Lower Upper

43 100

61 69.7 11.3 16.9#

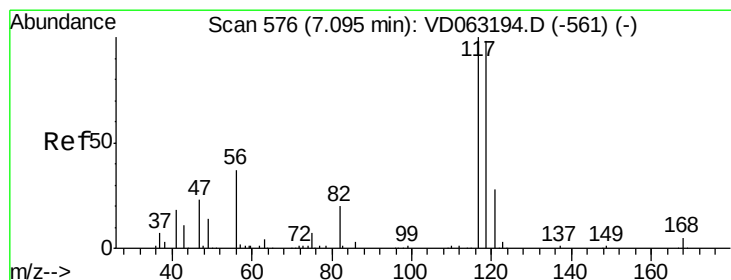
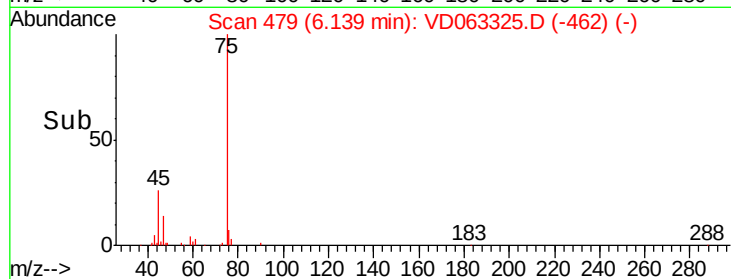
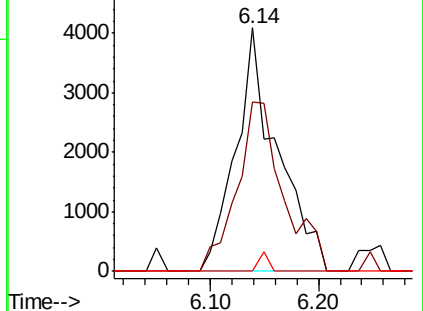
70 0.0 5.1 7.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 5.363 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.07 min

Lab File: VD063325.D

Acq: 2 Aug 2019 19:07

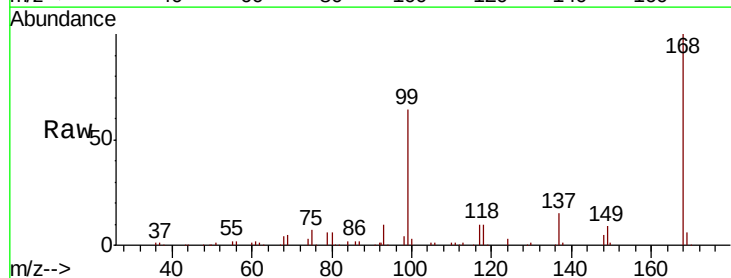
Tgt Ion: 117 Resp: 108047

Ion Ratio Lower Upper

117 100

119 4.2 78.2 117.2#

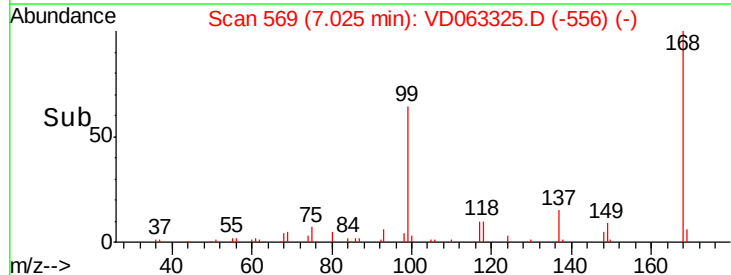
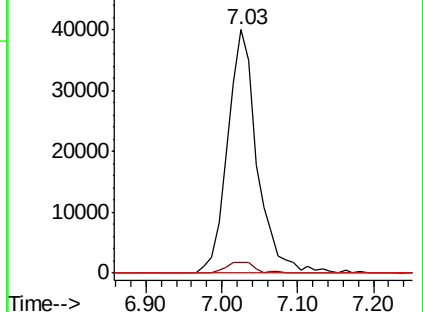
121 0.0 22.1 33.1#

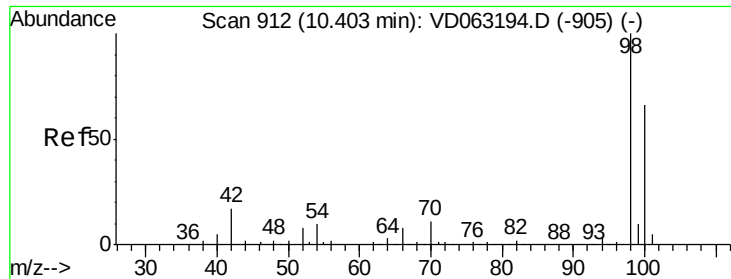


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

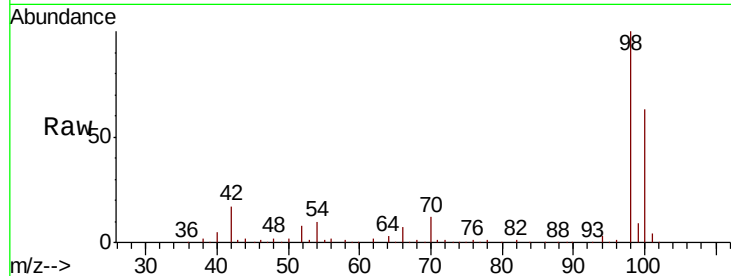




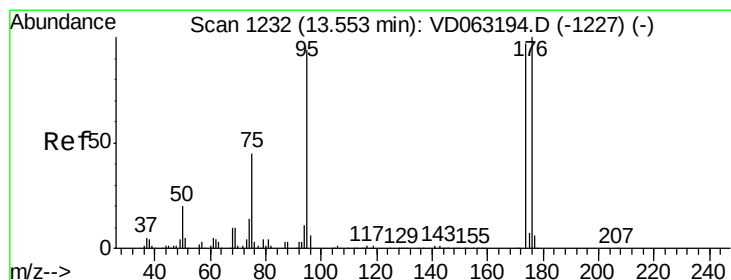
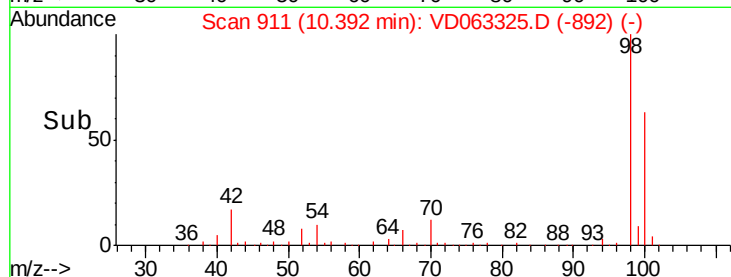
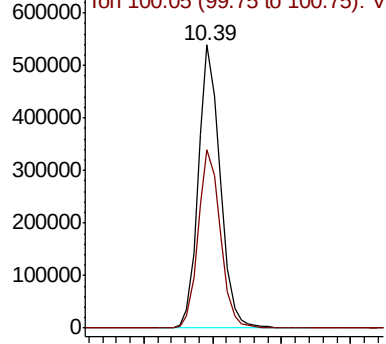
#50
Toluene-d8
Concen: 42.007 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD063325.D
Acq: 2 Aug 2019 19:07

Instrument :
MSVOA_D
ClientSampleId :
1S-F1-(30)

Tgt Ion: 98 Resp: 1177062
Ion Ratio Lower Upper
98 100
100 63.0 53.2 79.8

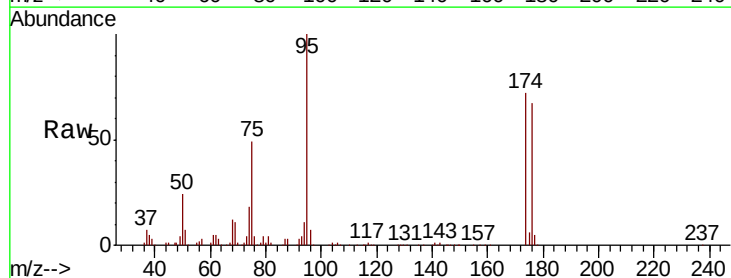


Abundance Ion 98.05 (97.75 to 98.75): VD063194.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD063194.D (-905) (-)

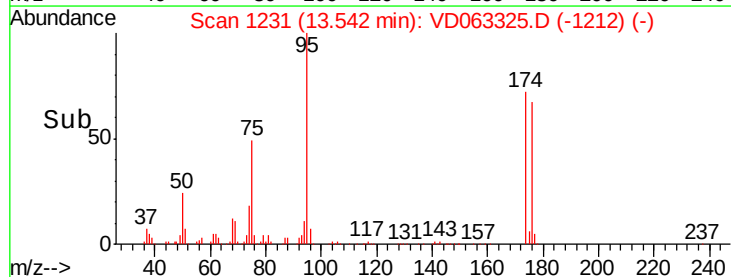
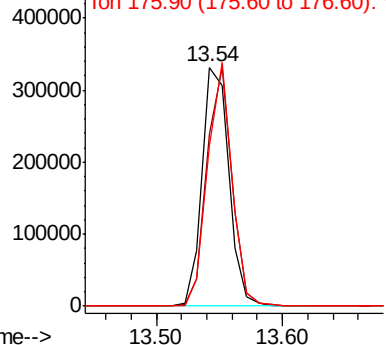


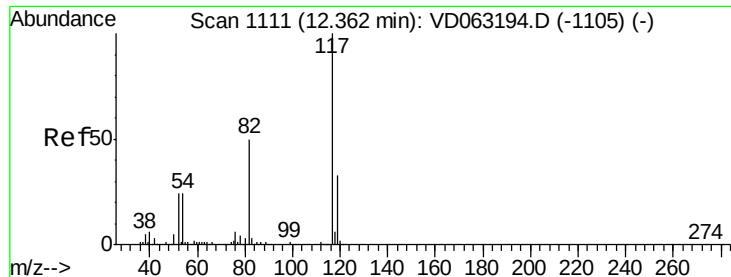
#62
4-Bromofluorobenzene
Concen: 37.927 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063325.D
Acq: 2 Aug 2019 19:07

Tgt Ion: 95 Resp: 484285
Ion Ratio Lower Upper
95 100
174 71.8 0.0 205.4
176 67.2 0.0 211.8



Abundance Ion 95.00 (94.70 to 95.70): VD063194.D (-1227) (-)
Ion 173.90 (173.60 to 174.60): VD063194.D (-1227) (-)
Ion 175.90 (175.60 to 176.60): VD063194.D (-1227) (-)

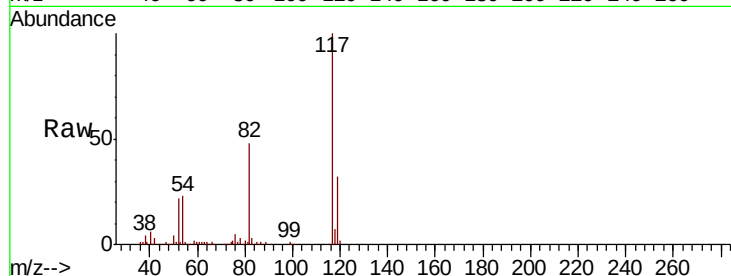




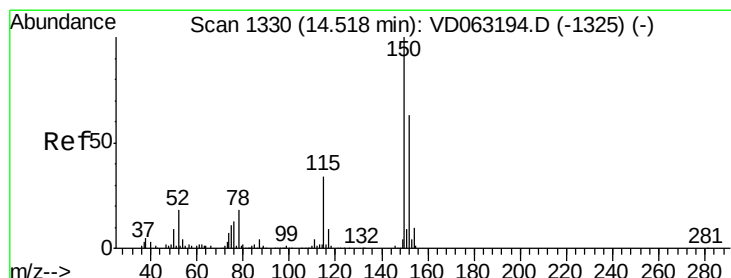
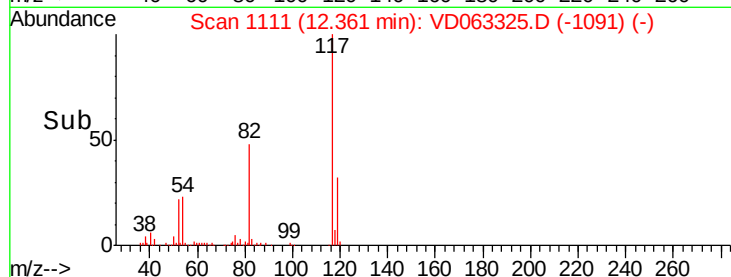
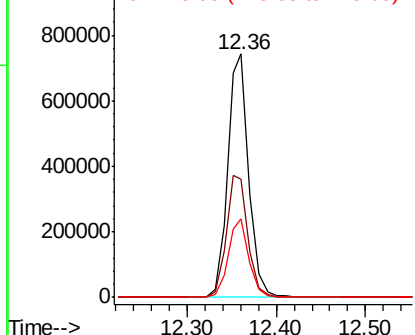
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD063325.D
Acq: 2 Aug 2019 19:07

Instrument :
MSVOA_D
ClientSampleId :
1S-F1-(30)

Tgt Ion:117 Resp: 1232734
Ion Ratio Lower Upper
117 100
82 48.3 40.1 60.1
119 32.3 26.5 39.7

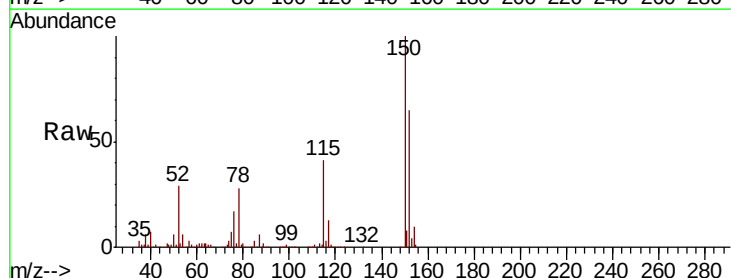


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

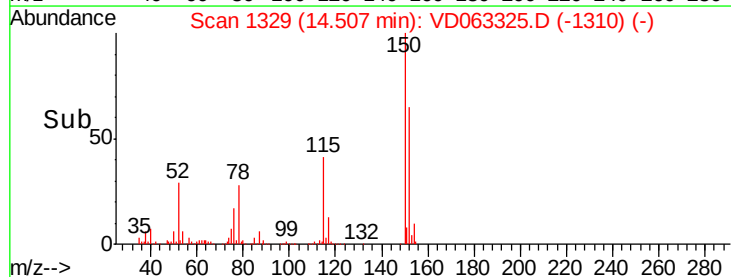
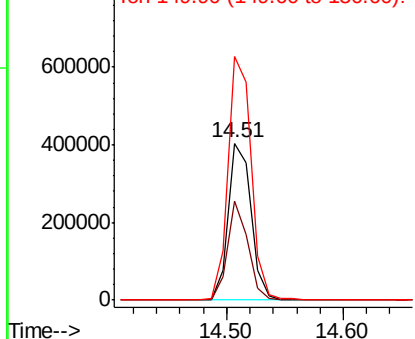


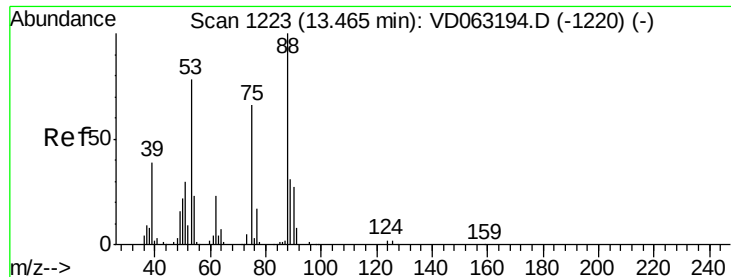
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063325.D
Acq: 2 Aug 2019 19:07

Tgt Ion:152 Resp: 551701
Ion Ratio Lower Upper
152 100
115 62.9 27.5 82.4
150 154.9 0.0 320.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 124.420 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.08 min

Lab File: VD063325.D

Acq: 2 Aug 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

1S-F1-(30)

Tgt Ion: 75 Resp: 228944

Ion Ratio Lower Upper

75 100

53 0.0 94.9 142.3#

89 0.0 37.4 56.0#

