

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082019\
 Data File : VD063687.D
 Acq On : 20 Aug 2019 16:22
 Operator : JC/SY
 Sample : K4388-02
 Misc : 10.33g/5ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T4-B4-(0)

Quant Time: Aug 21 03:51:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	994835	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1535325	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	1000137	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	281717	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	571600	53.75	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	107.50%	
35) Dibromofluoromethane	6.92	113	654764	50.64	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	101.28%	
50) Toluene-d8	10.41	98	1102688	38.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	77.58%	
62) 4-Bromofluorobenzene	13.55	95	364939	28.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	56.64%	

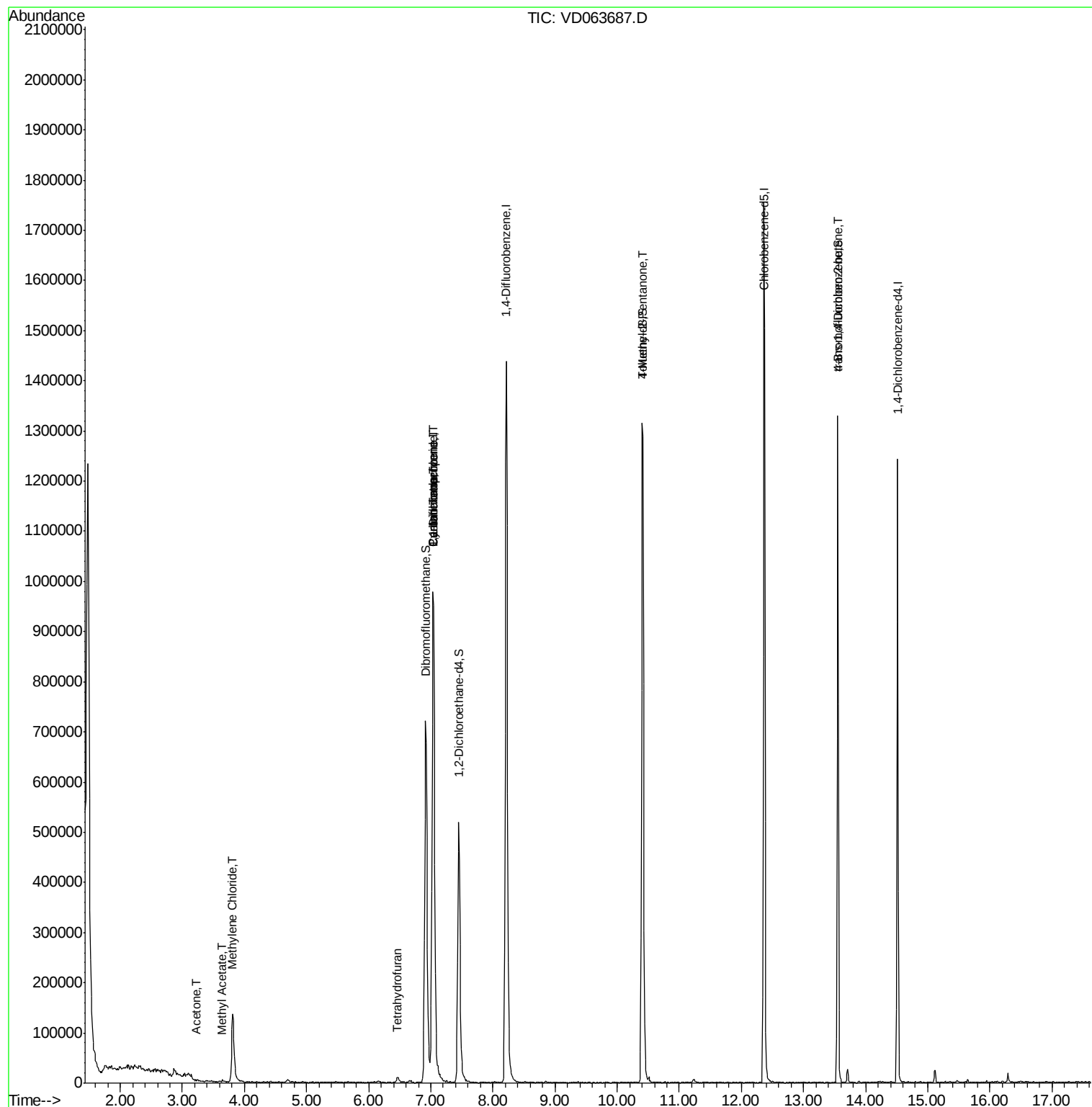
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.22	43	3896	1.802	ug/l #	65
18) Methyl Acetate	3.64	43	4869	1.189	ug/l #	46
20) Methylene Chloride	3.81	84	88013	9.416	ug/l	95
29) Tetrahydrofuran	6.46	42	8899	8.945	ug/l #	92
31) Cyclohexane	7.04	56	18799	1.958	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	71075	5.237	ug/l #	51
38) Carbon Tetrachloride	7.04	117	94883	4.638	ug/l #	16
51) 4-Methyl-2-Pentanone	10.40	43	6133	1.177	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.55	75	165585	190.548	ug/l #	1

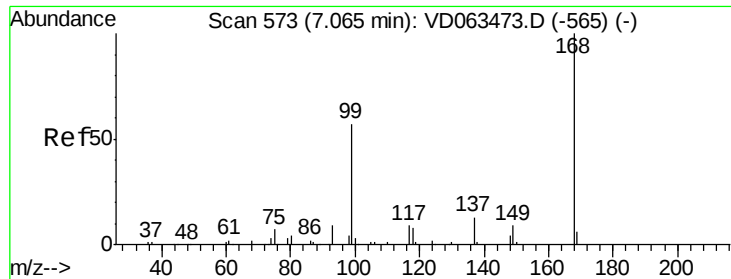
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD082019\
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Quant Time: Aug 21 03:51:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063687.D

Acq: 20 Aug 2019 16:22

Instrument :

MSVOA_D

ClientSampleId :

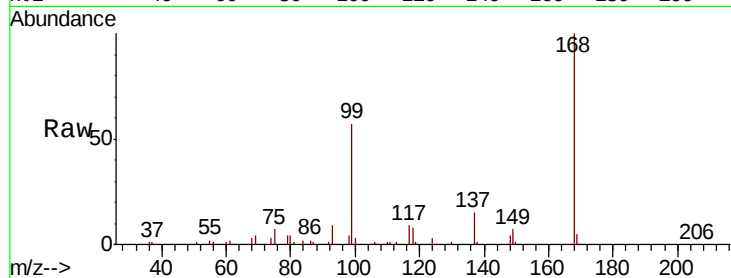
T4-B4-(0)

Tgt Ion:168 Resp: 994835

Ion Ratio Lower Upper

168 100

99 57.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

400000

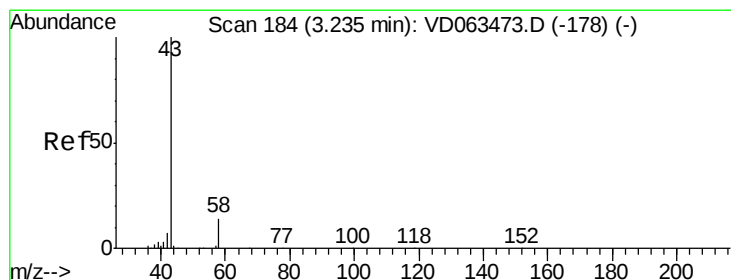
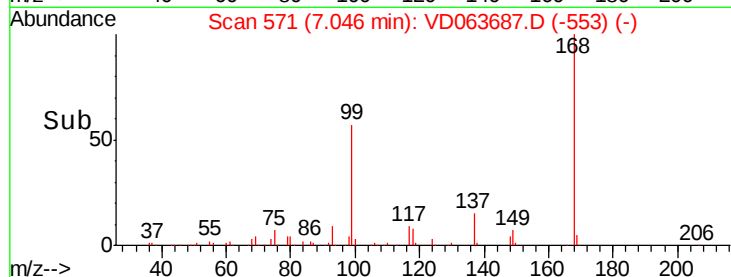
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 1.802 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063687.D

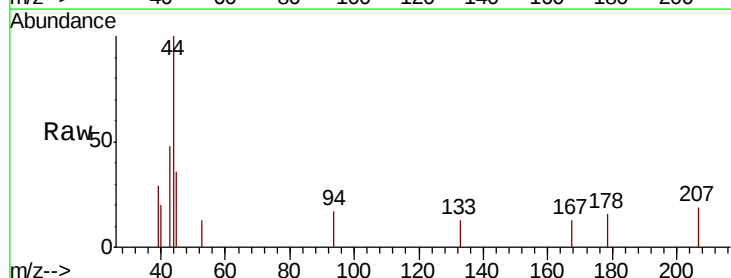
Acq: 20 Aug 2019 16:22

Tgt Ion: 43 Resp: 3896

Ion Ratio Lower Upper

43 100

58 0.0 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2000

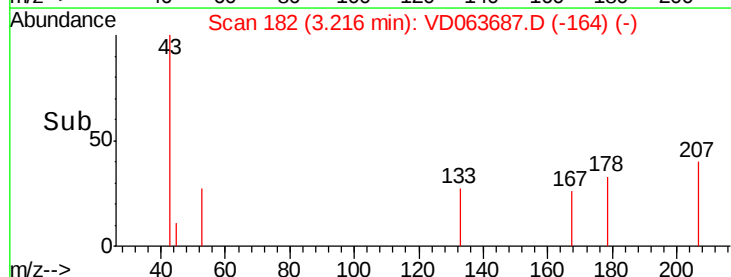
1500

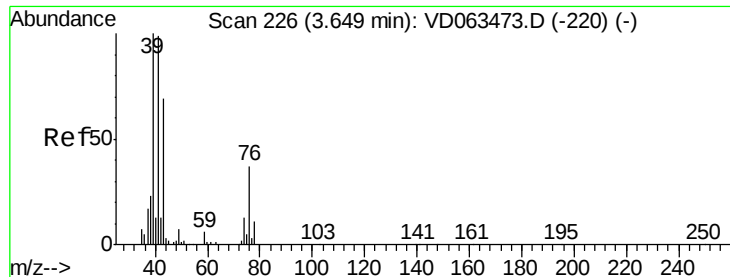
1000

500

0

Time-->

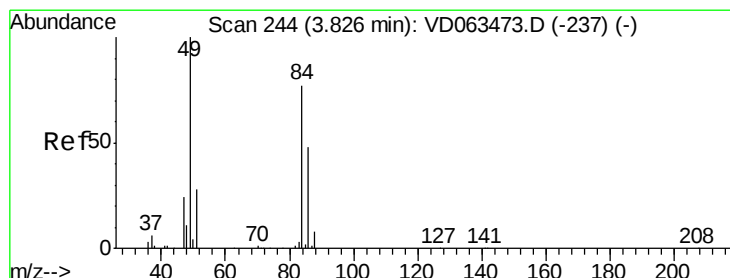
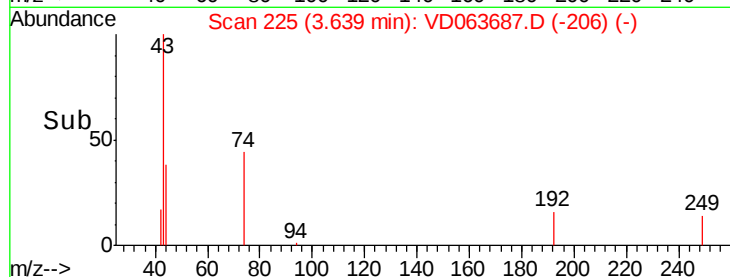
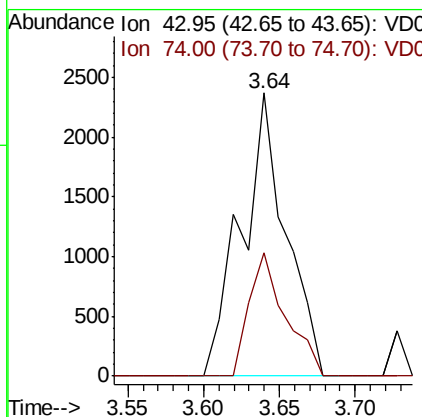
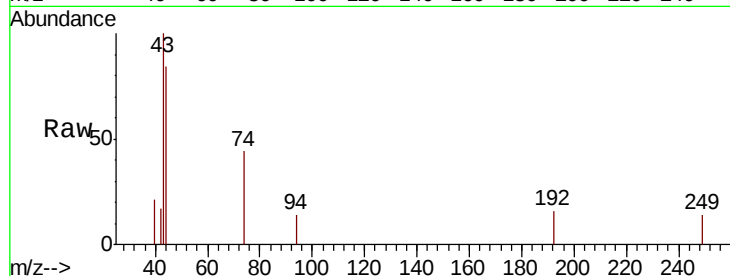




#18
Methyl Acetate
Concen: 1.189 ug/l
RT: 3.64 min Scan# 225
Delta R.T. -0.01 min
Lab File: VD063687.D
Acq: 20 Aug 2019 16:22

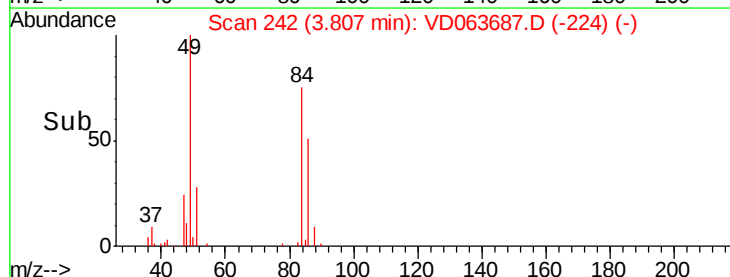
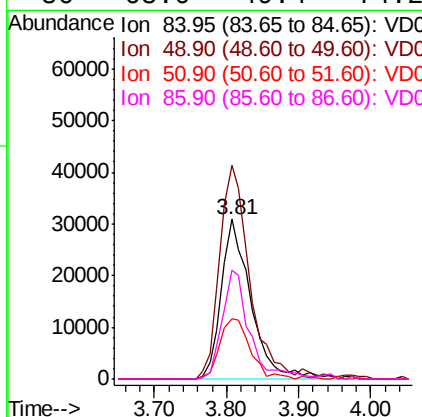
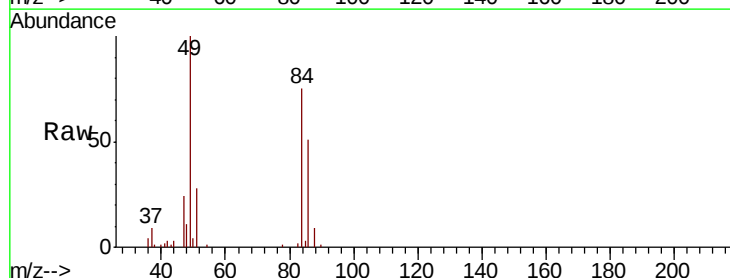
Instrument :
MSVOA_D
ClientSampleId :
T4-B4-(0)

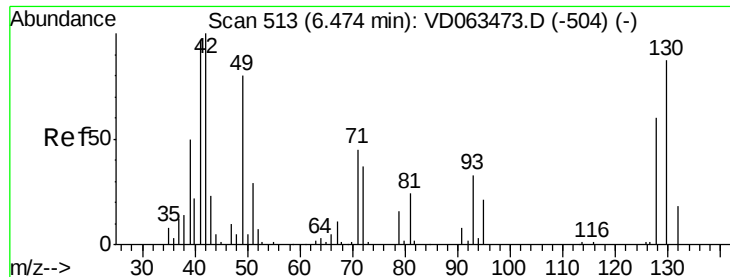
Tgt Ion: 43 Resp: 4869
Ion Ratio Lower Upper
43 100
74 43.7 15.4 23.2#



#20
Methylene Chloride
Concen: 9.416 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.02 min
Lab File: VD063687.D
Acq: 20 Aug 2019 16:22

Tgt Ion: 84 Resp: 88013
Ion Ratio Lower Upper
84 100
49 133.6 103.4 155.2
51 37.6 28.5 42.7
86 68.0 49.4 74.2





#29

Tetrahydrofuran

Concen: 8.945 ug/l

RT: 6.46 min Scan# 512

Delta R.T. -0.01 min

Lab File: VD063687.D

Acq: 20 Aug 2019 16:22

Instrument :

MSVOA_D

ClientSampleId :

T4-B4-(0)

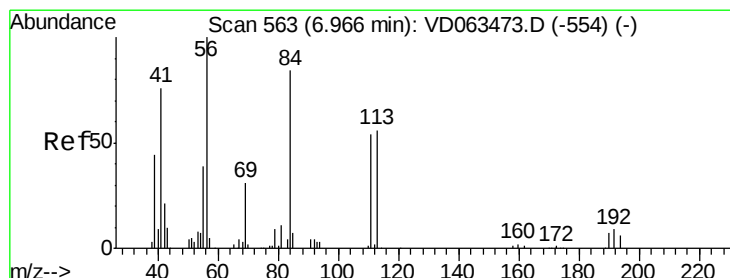
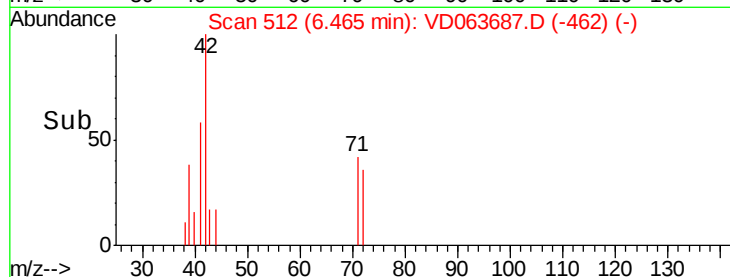
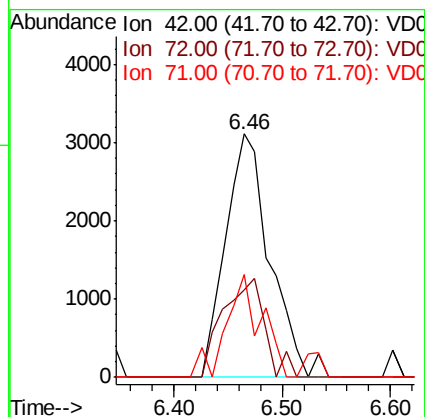
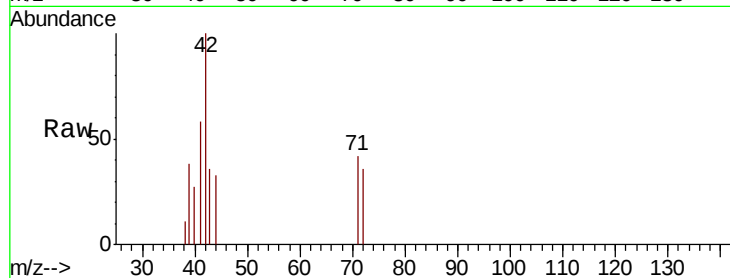
Tgt Ion: 42 Resp: 8899

Ion Ratio Lower Upper

42 100

72 38.3 31.5 47.3

71 33.4 33.8 50.8#



#31

Cyclohexane

Concen: 1.958 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.07 min

Lab File: VD063687.D

Acq: 20 Aug 2019 16:22

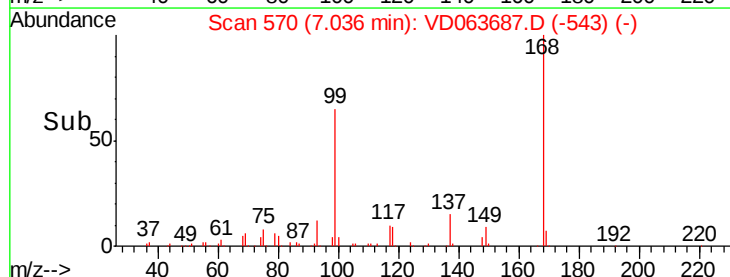
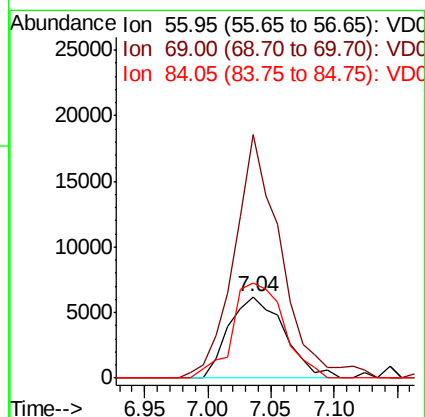
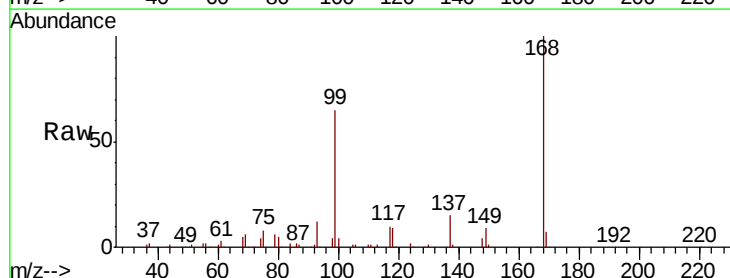
Tgt Ion: 56 Resp: 18799

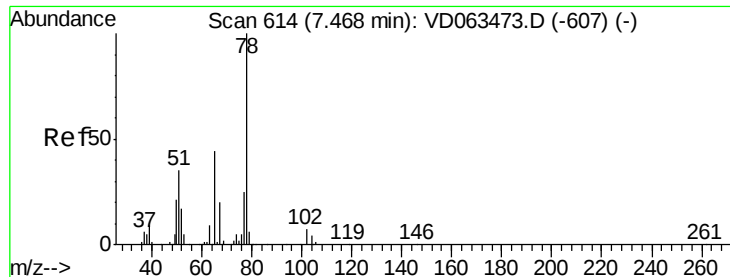
Ion Ratio Lower Upper

56 100

69 305.8 25.0 37.6#

84 117.4 69.7 104.5#

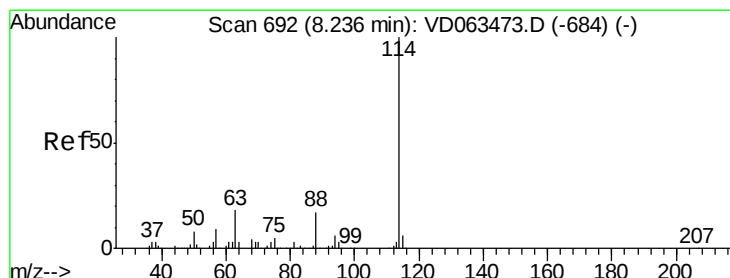
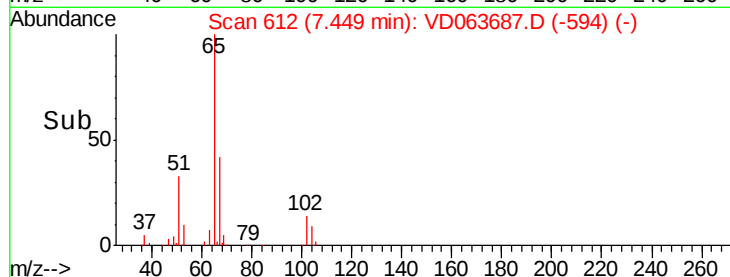
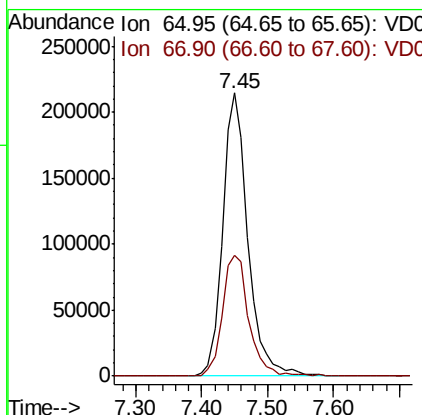
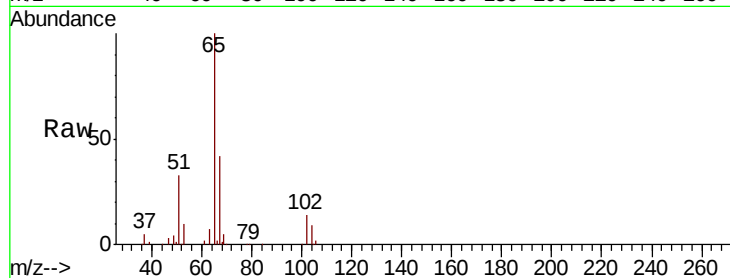




#33
 1,2-Dichloroethane-d4
 Concen: 53.752 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: VD063687.D
 Acq: 20 Aug 2019 16:22

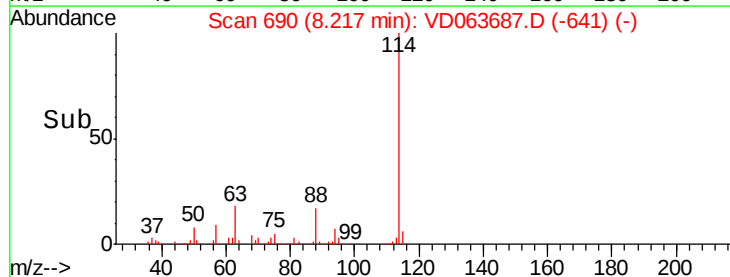
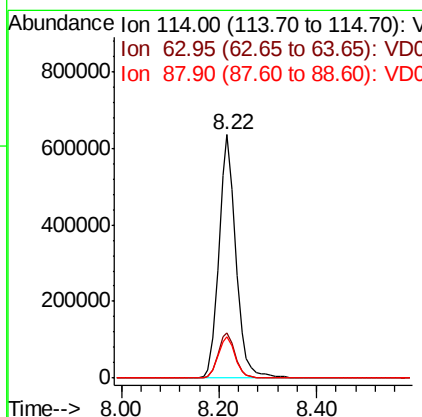
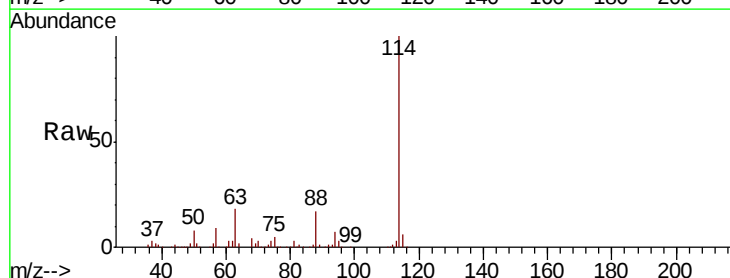
Instrument :
 MSVOA_D
 ClientSampleId :
 T4-B4-(0)

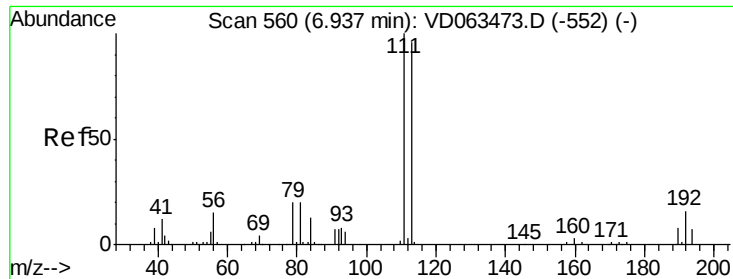
Tgt Ion: 65 Resp: 571600
 Ion Ratio Lower Upper
 65 100
 67 42.5 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.02 min
 Lab File: VD063687.D
 Acq: 20 Aug 2019 16:22

Tgt Ion: 114 Resp: 1535325
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.2
 88 17.0 0.0 35.0

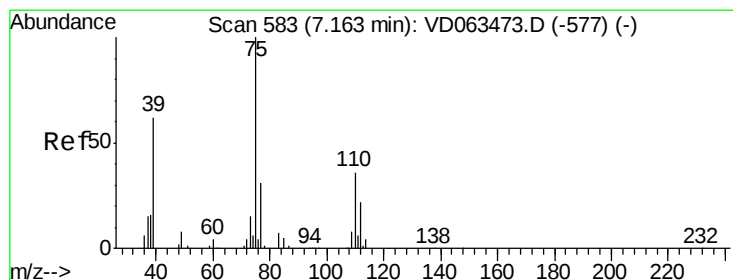
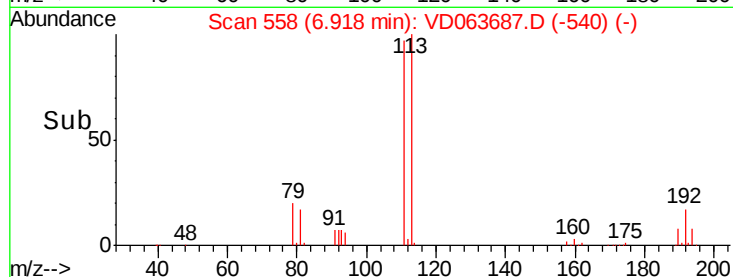
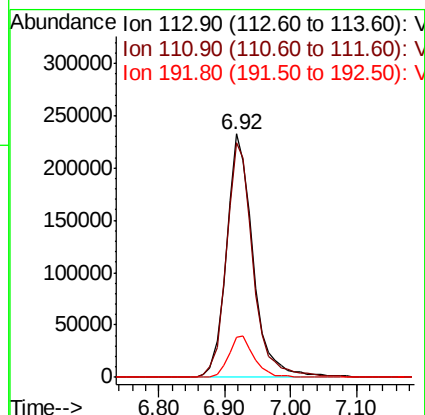
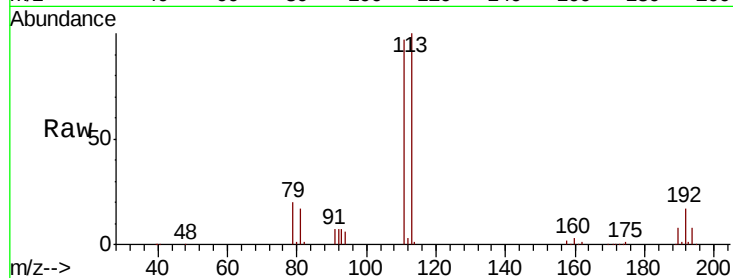




#35
 Dibromofluoromethane
 Concen: 50.637 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD063687.D
 Acq: 20 Aug 2019 16:22

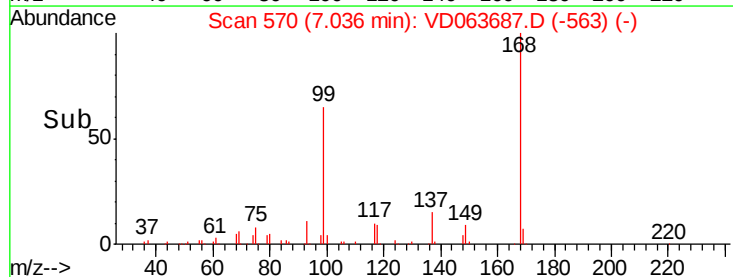
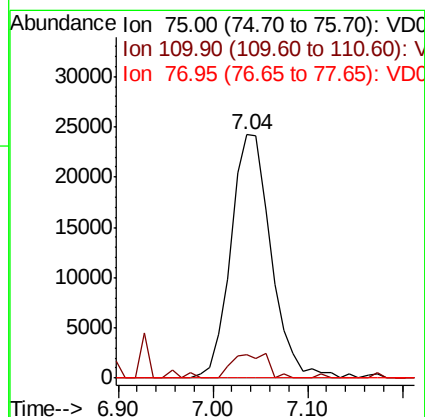
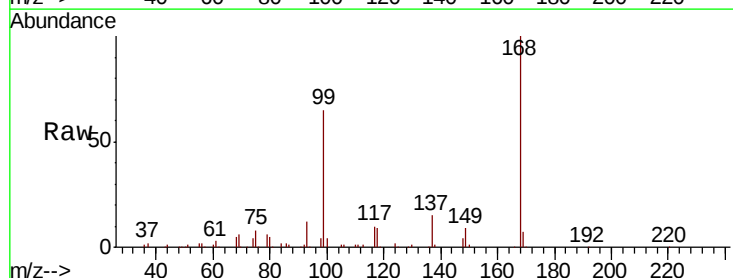
Instrument :
 MSVOA_D
 ClientSampleId :
 T4-B4-(0)

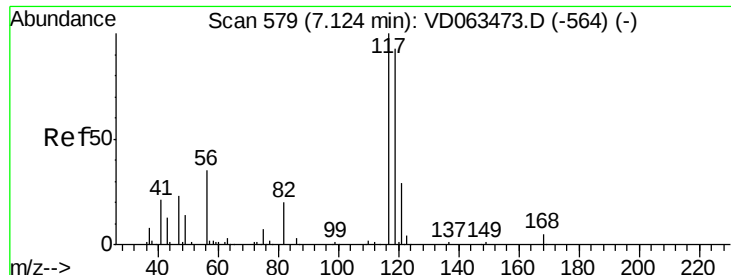
Tgt Ion	Ratio	Lower	Upper
113	100		
111	96.6	83.1	124.7
192	16.6	13.1	19.7



#36
 1,1-Dichloropropene
 Concen: 5.237 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.13 min
 Lab File: VD063687.D
 Acq: 20 Aug 2019 16:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.6	52.8#
77	0.0	24.3	36.5#

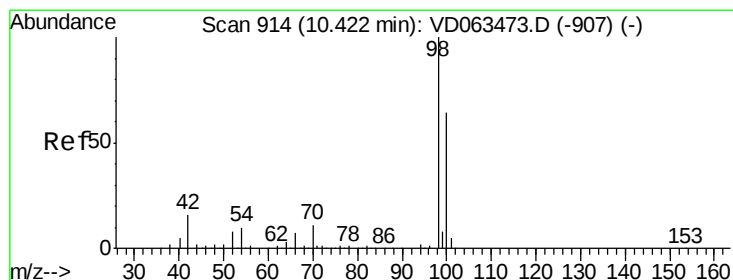
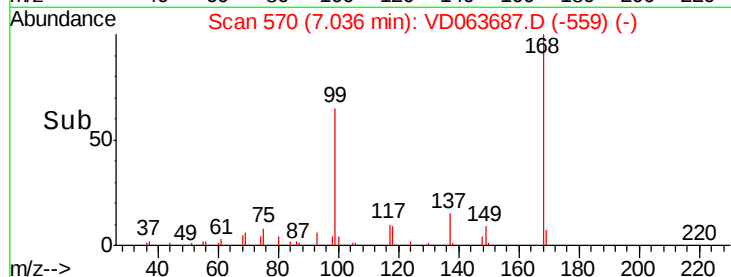
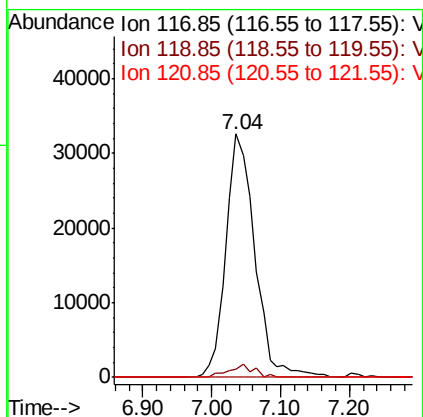
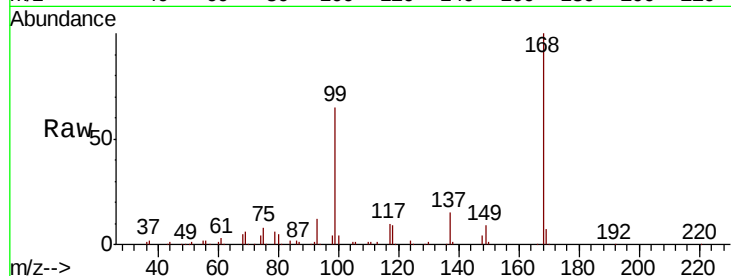




#38
Carbon Tetrachloride
Concen: 4.638 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.09 min
Lab File: VD063687.D
Acq: 20 Aug 2019 16:22

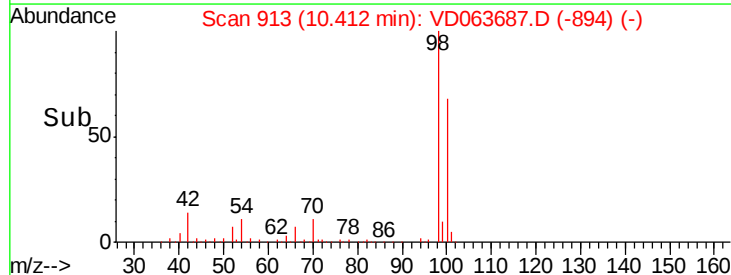
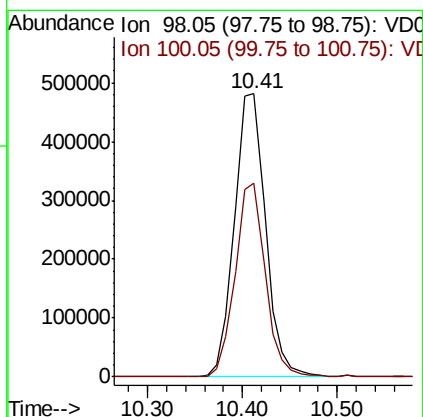
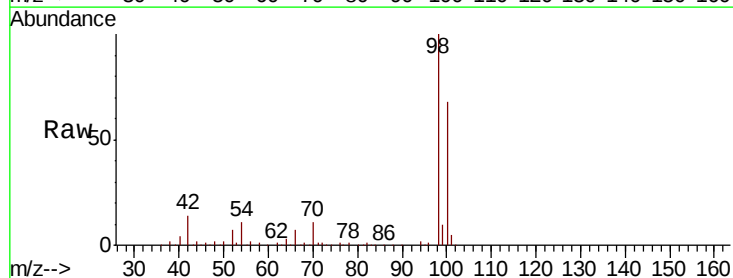
Instrument :
MSVOA_D
ClientSampleId :
T4-B4-(0)

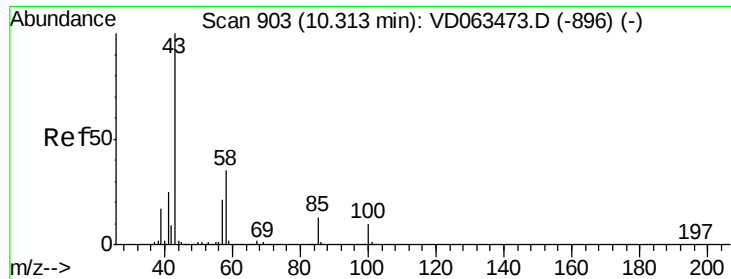
Tgt Ion:117 Resp: 94883
Ion Ratio Lower Upper
117 100
119 3.2 74.2 111.2#
121 0.0 23.1 34.7#



#50
Toluene-d8
Concen: 38.788 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063687.D
Acq: 20 Aug 2019 16:22

Tgt Ion: 98 Resp: 1102688
Ion Ratio Lower Upper
98 100
100 68.3 51.7 77.5

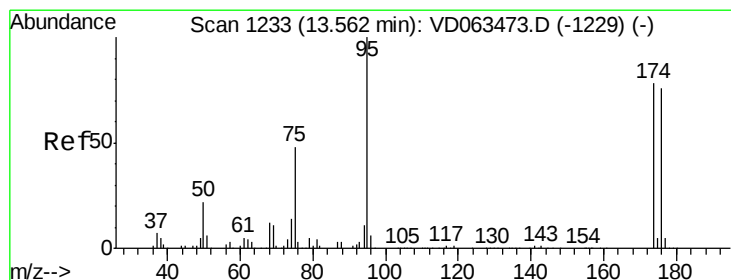
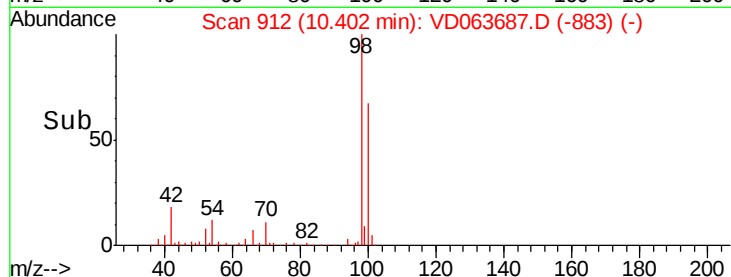
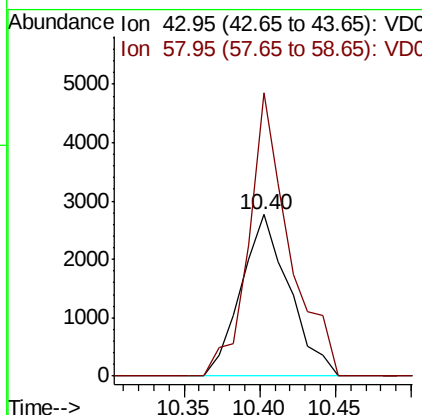
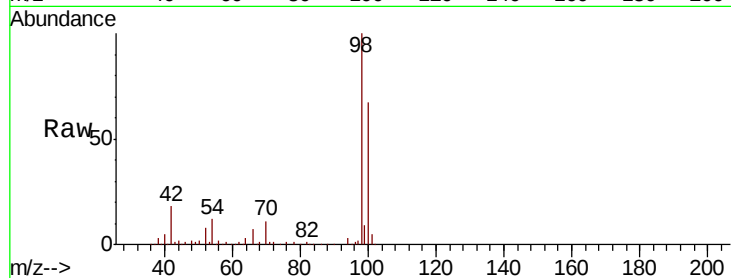




#51
 4-Methyl-2-Pentanone
 Concen: 1.177 ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. 0.09 min
 Lab File: VD063687.D
 Acq: 20 Aug 2019 16:22

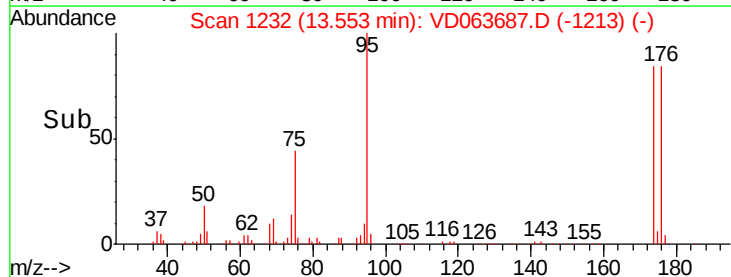
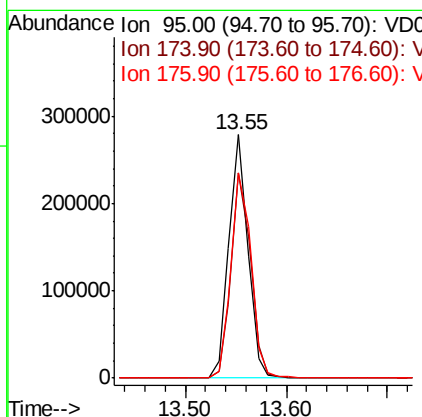
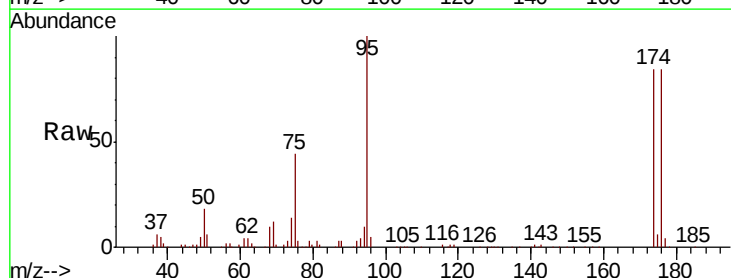
Instrument :
 MSVOA_D
 ClientSampleId :
 T4-B4-(0)

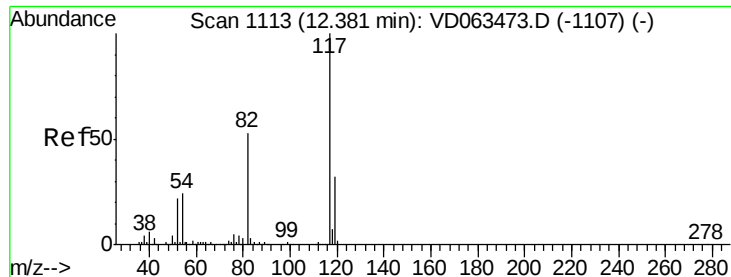
Tgt Ion: 43 Resp: 6133
 Ion Ratio Lower Upper
 43 100
 58 175.3 28.0 42.0#



#62
 4-Bromofluorobenzene
 Concen: 28.323 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: VD063687.D
 Acq: 20 Aug 2019 16:22

Tgt Ion: 95 Resp: 364939
 Ion Ratio Lower Upper
 95 100
 174 84.3 0.0 155.4
 176 84.0 0.0 152.4

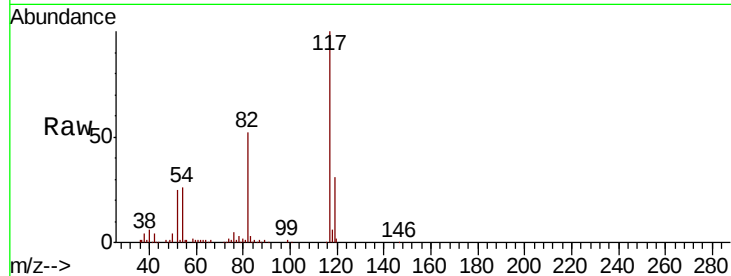




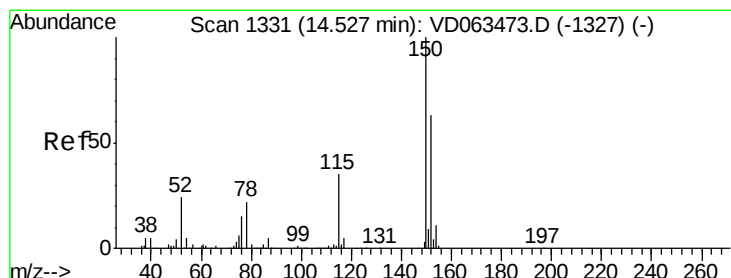
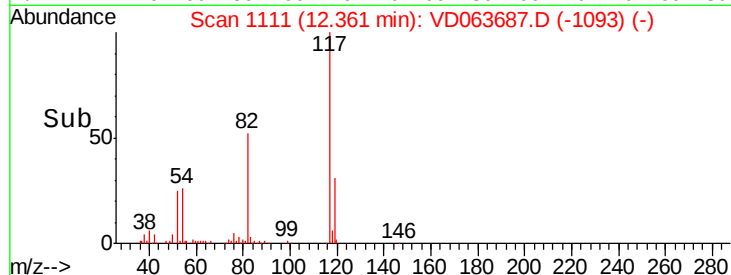
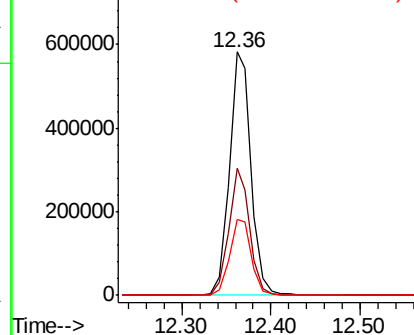
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063687.D
Acq: 20 Aug 2019 16:22

Instrument :
MSVOA_D
ClientSampleId :
T4-B4-(0)

Tgt Ion:117 Resp: 1000137
Ion Ratio Lower Upper
117 100
82 52.2 42.0 63.0
119 31.3 25.4 38.0

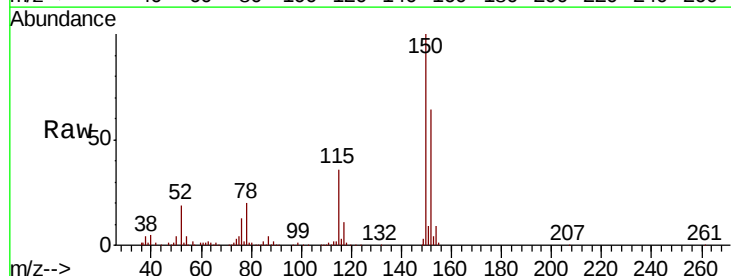


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

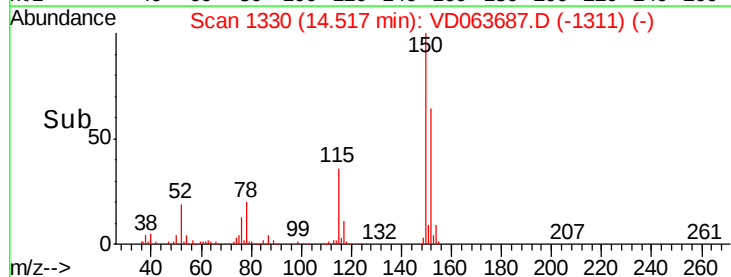
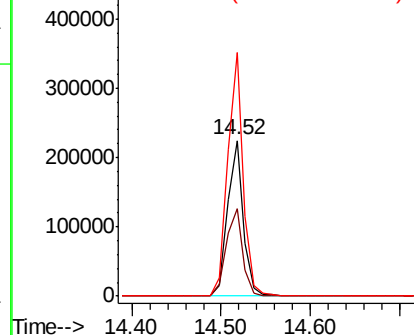


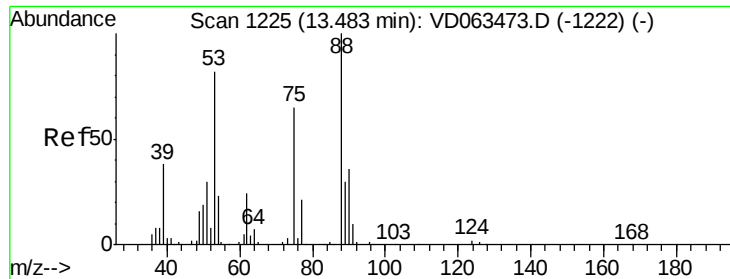
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063687.D
Acq: 20 Aug 2019 16:22

Tgt Ion:152 Resp: 281717
Ion Ratio Lower Upper
152 100
115 56.0 30.9 92.7
150 156.7 0.0 318.6



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: 190.548 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD063687.D

Acq: 20 Aug 2019 16:22

Instrument :

MSVOA_D

ClientSampleId :

T4-B4-(0)

Tgt Ion: 75 Resp: 165585

Ion Ratio Lower Upper

75 100

53 0.0 101.0 151.4#

89 0.0 37.0 55.6#

