

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081419\
 Data File : VD063592.D
 Acq On : 14 Aug 2019 23:29
 Operator : JC/SY
 Sample : K4339-03
 Misc : 5.53g/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 15 12:04:09 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	7.04	168	828569	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	1174372	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	854930	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	294859	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	347378	39.22	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	78.44%	
35) Dibromofluoromethane	6.92	113	421894	42.66	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	85.32%	
50) Toluene-d8	10.41	98	760961	34.99	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	69.98%	
62) 4-Bromofluorobenzene	13.55	95	286969	29.12	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	58.24%	

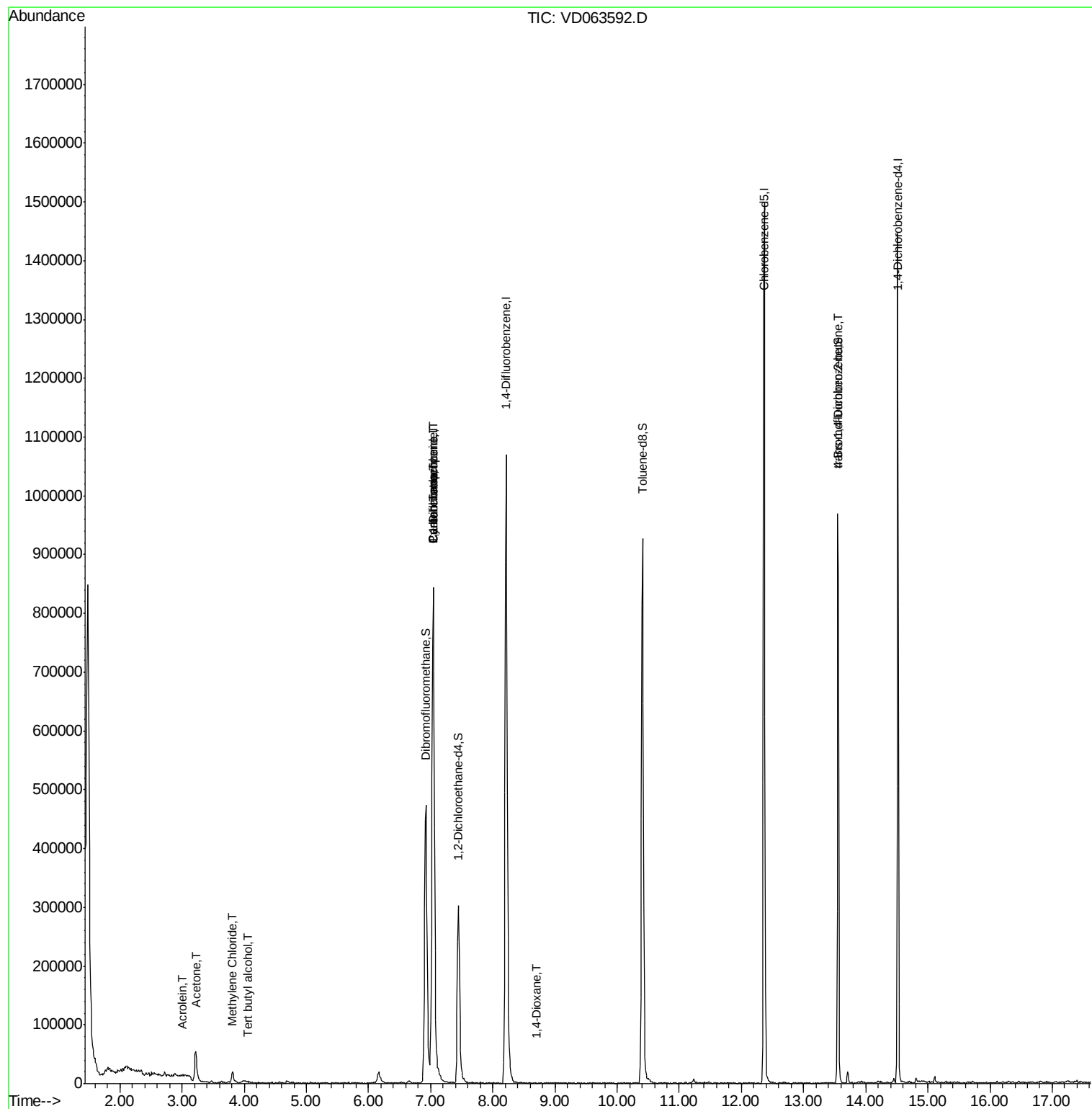
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.05	59	3670	9.519	ug/l #	71
13) Acrolein	3.00	56	695	1.831	ug/l #	67
16) Acetone	3.22	43	99082	55.033	ug/l #	85
20) Methylene Chloride	3.81	84	10875	1.397	ug/l	98
31) Cyclohexane	7.04	56	17355	2.170	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	62694	6.039	ug/l #	52
38) Carbon Tetrachloride	7.04	117	80897	5.170	ug/l #	19
49) 1,4-Dioxane	8.70	88	214	30.655	ug/l #	8
81) trans-1,4-Dichloro-2-buten	13.55	75	122553	134.743	ug/l #	1

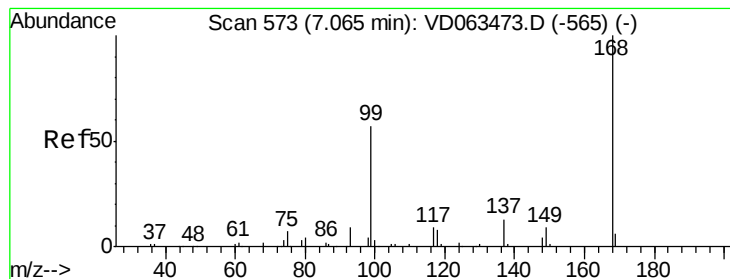
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081419\
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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: 7.04 min Scan# 570

Delta R.T. -0.02 min

Lab File: VD063592.D

Acq: 14 Aug 2019 23:29

Instrument :

MSVOA_D

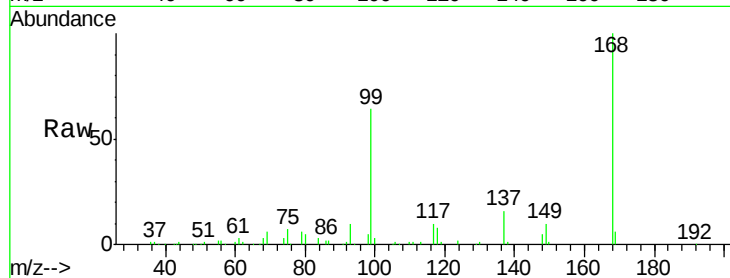
ClientSampleId :

Tot Ion:168 Resp: 828569

Ion Ratio Lower Upper

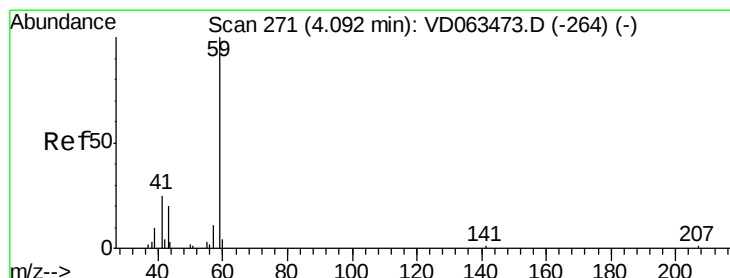
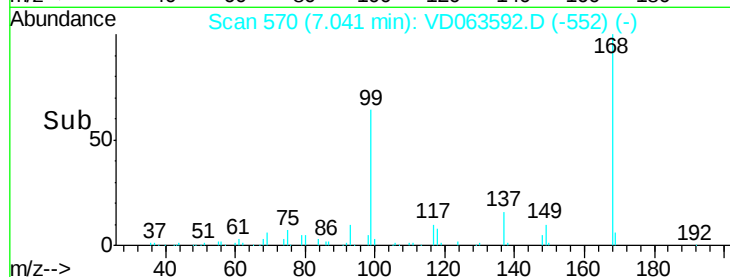
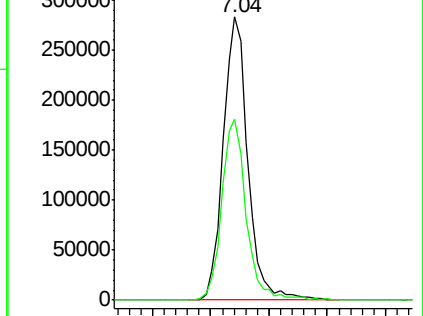
168 100

99 63.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#11

Tert butyl alcohol

Concen: 9.519 ug/l

RT: 4.05 min Scan# 266

Delta R.T. -0.04 min

Lab File: VD063592.D

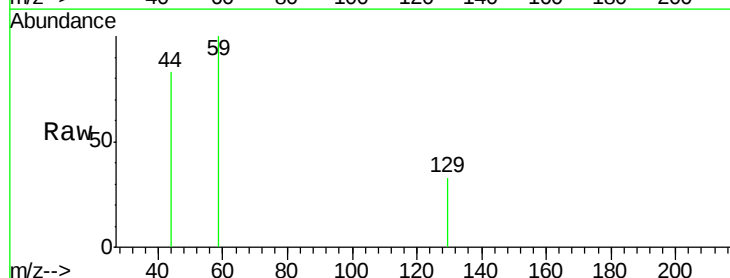
Acq: 14 Aug 2019 23:29

Tgt Ion: 59 Resp: 3670

Ion Ratio Lower Upper

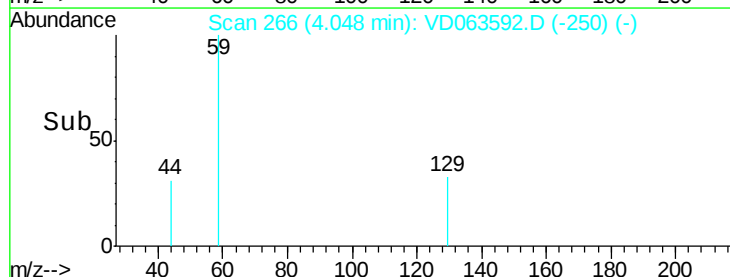
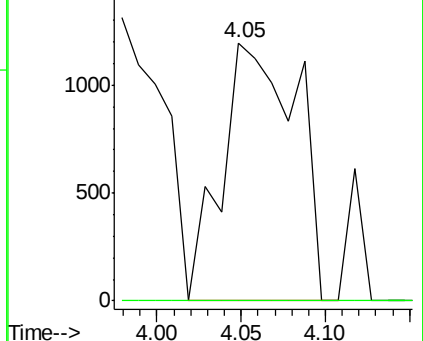
59 100

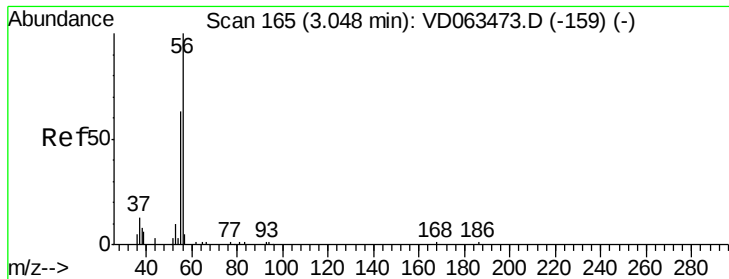
57 0.0 8.7 13.1#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#13

Acrolein

Concen: 1.831 ug/l

RT: 3.00 min Scan# 160

Delta R.T. -0.04 min

Lab File: VD063592.D

Acq: 14 Aug 2019 23:29

Instrument :

MSVOA_D

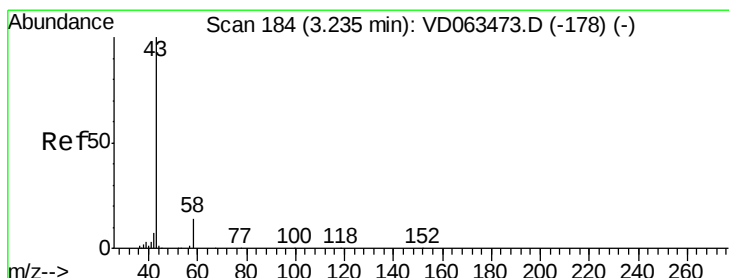
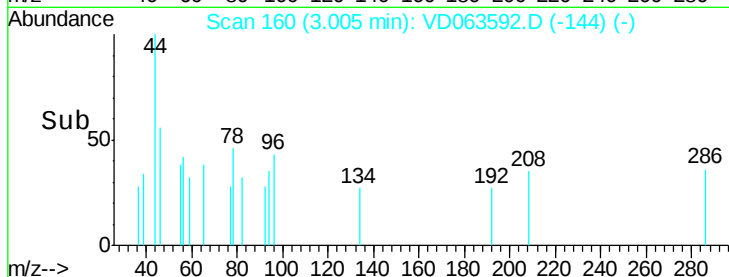
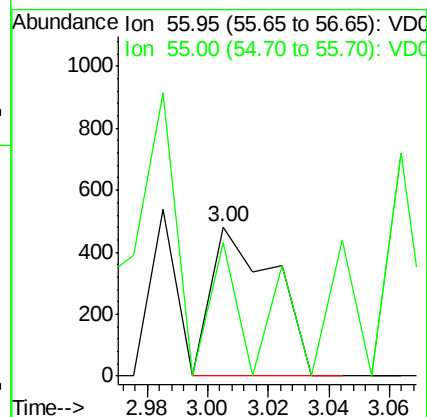
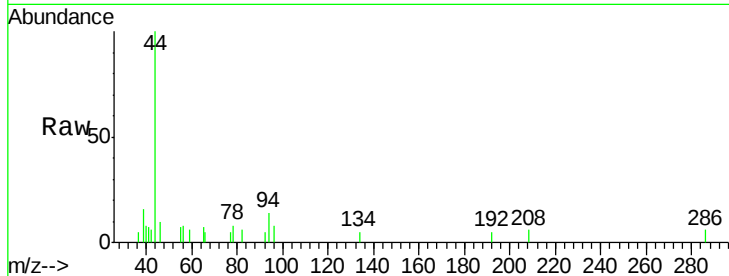
ClientSampleId :

Tot Ion: 56 Resp: 695

Ion Ratio Lower Upper

56 100

55 89.6 51.3 76.9#



#16

Acetone

Concen: 55.033 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD063592.D

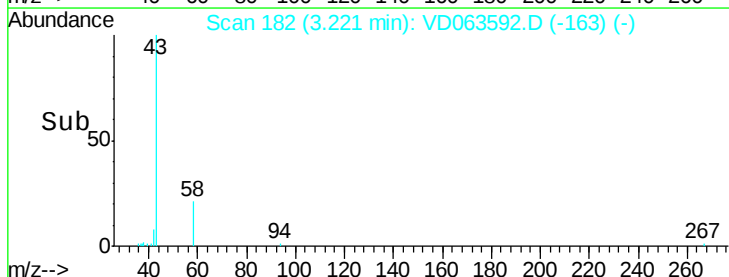
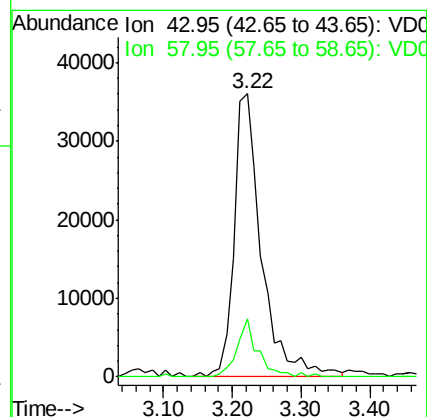
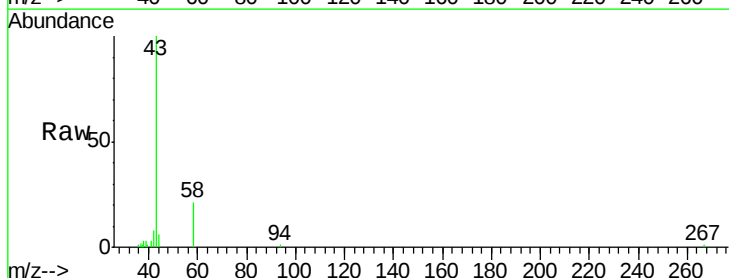
Acq: 14 Aug 2019 23:29

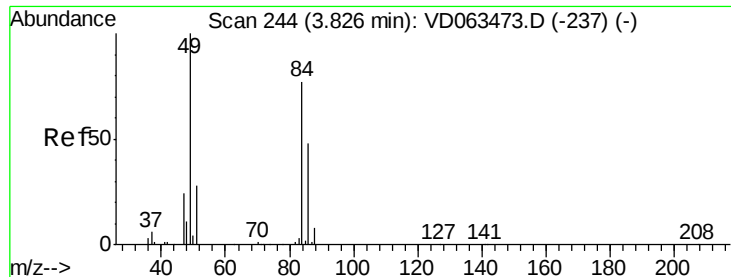
Tgt Ion: 43 Resp: 99082

Ion Ratio Lower Upper

43 100

58 20.6 11.4 17.2#

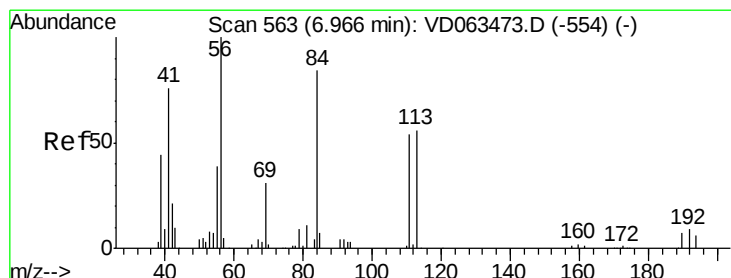
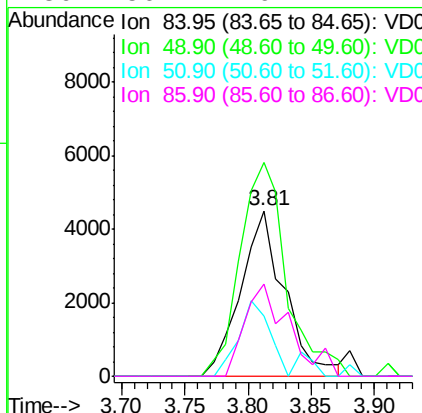
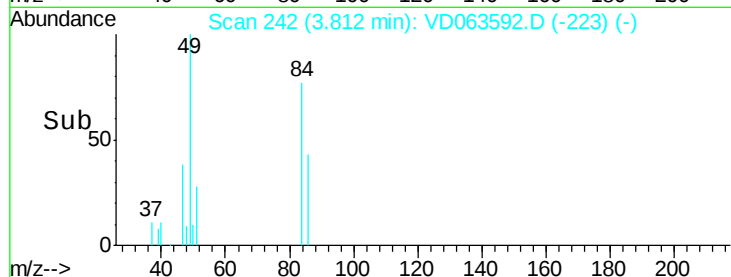
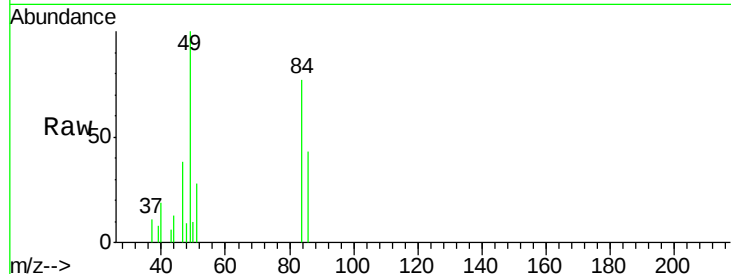




#20
Methylene Chloride
Concen: 1.397 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD063592.D
Acq: 14 Aug 2019 23:29

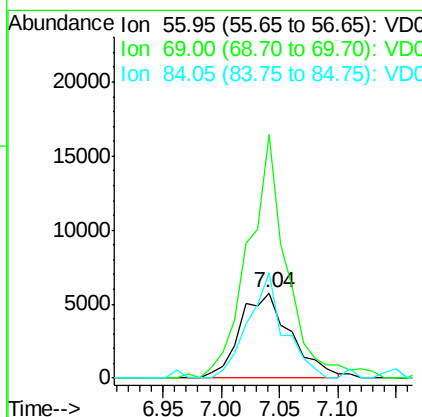
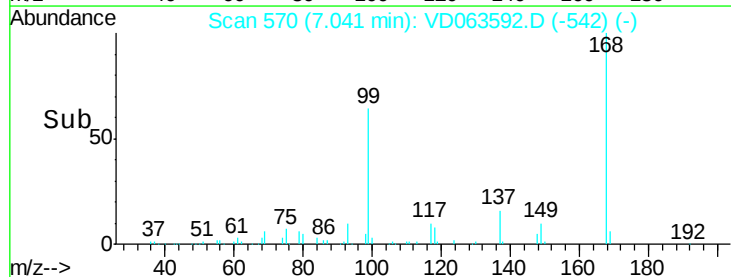
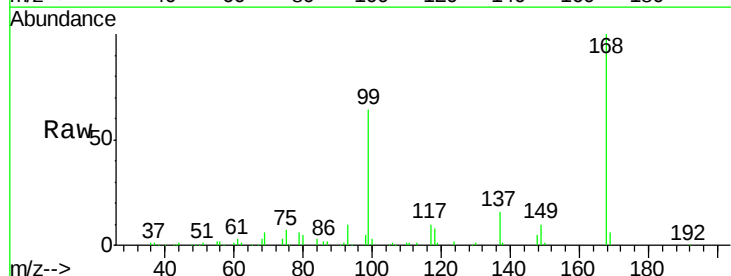
Instrument :
MSVOA_D
ClientSampleId :

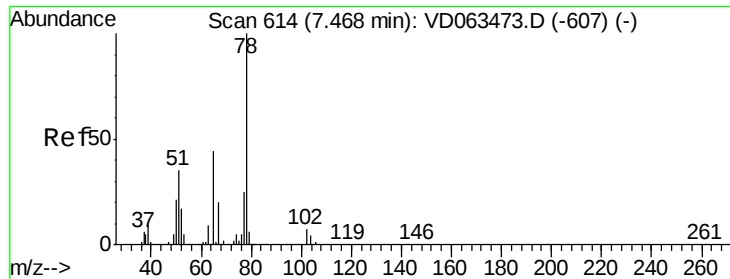
Tot Ion:	84	Resp:	10875
Ion	Ratio	Lower	Upper
84	100		
49	129.2	103.4	155.2
51	36.4	28.5	42.7
86	56.1	49.4	74.2



#31
Cyclohexane
Concen: 2.170 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.07 min
Lab File: VD063592.D
Acq: 14 Aug 2019 23:29

Tgt Ion:	56	Resp:	17355
Ion	Ratio	Lower	Upper
56	100		
69	286.4	25.0	37.6#
84	124.4	69.7	104.5#

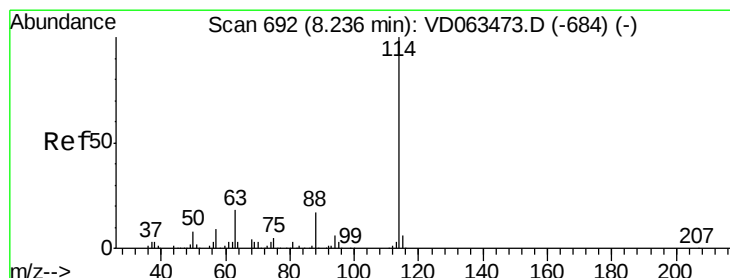
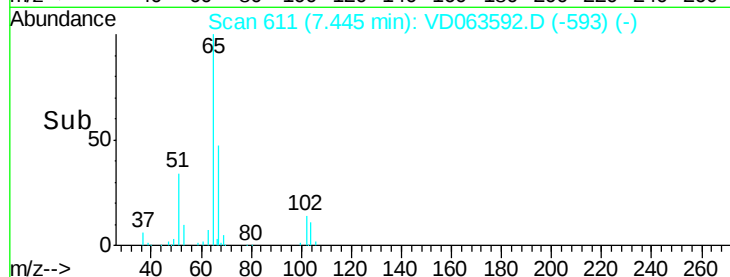
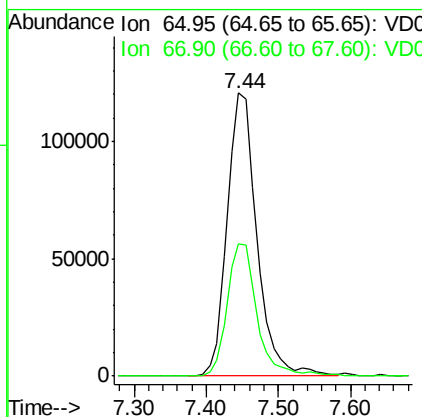
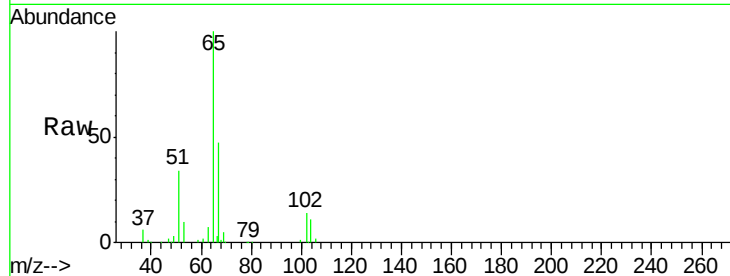




#33
 1,2-Dichloroethane-d4
 Concen: 39.222 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: VD063592.D
 Acq: 14 Aug 2019 23:29

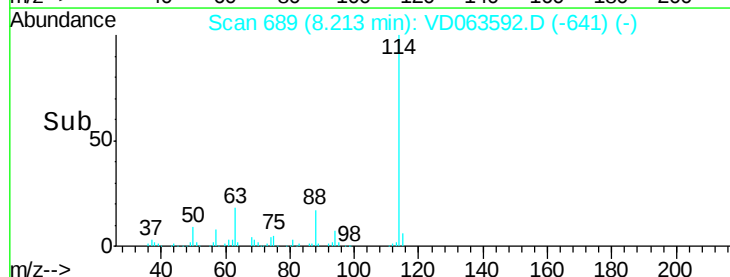
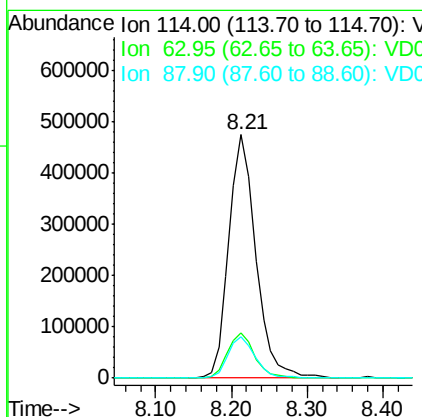
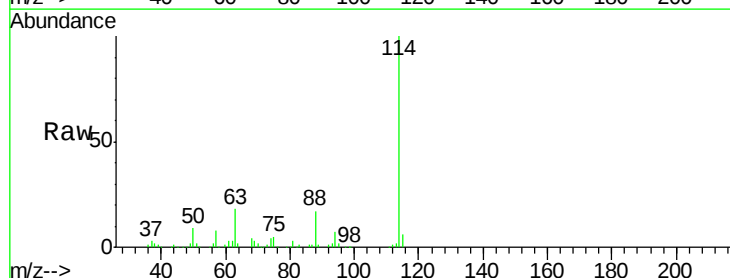
Instrument :
 MSVOA_D
 ClientSampleId :

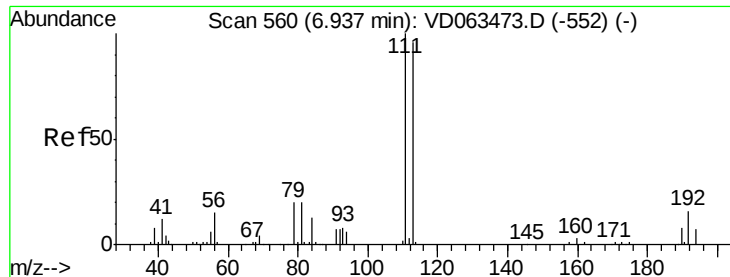
Tot Ion: 65 Resp: 347378
 Ion Ratio Lower Upper
 65 100
 67 46.8 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: VD063592.D
 Acq: 14 Aug 2019 23:29

Tgt Ion: 114 Resp: 1174372
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.2
 88 16.9 0.0 35.0





#35

Dibromofluoromethane

Concen: 42.656 ug/l

RT: 6.92 min Scan# 558

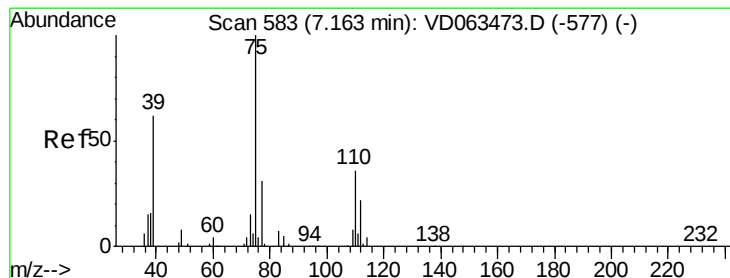
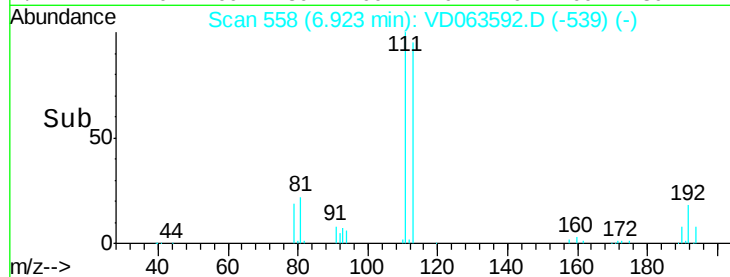
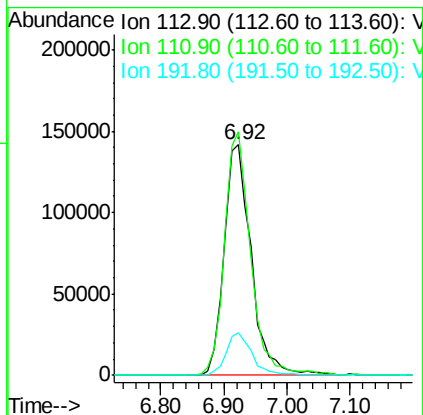
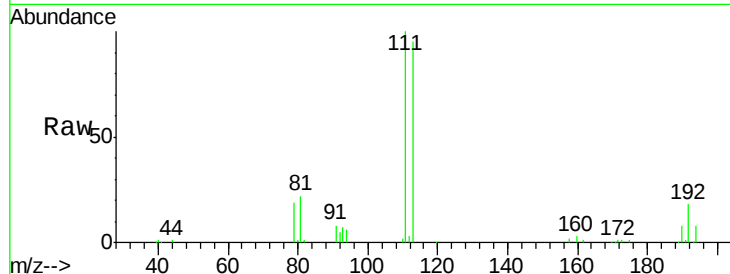
Delta R.T. -0.01 min

Lab File: VD063592.D

Acq: 14 Aug 2019 23:29

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	113	Resp:	421894
Ion	Ratio	Lower	Upper
113	100		
111	105.6	83.1	124.7
192	18.5	13.1	19.7



#36

1,1-Dichloropropene

Concen: 6.039 ug/l

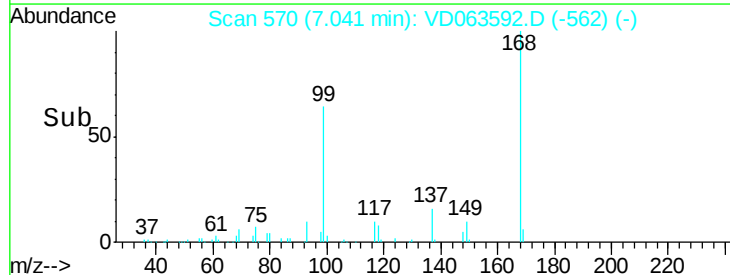
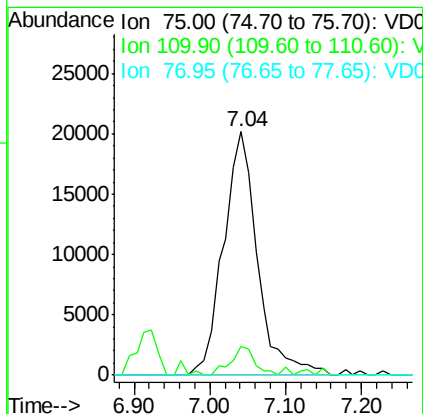
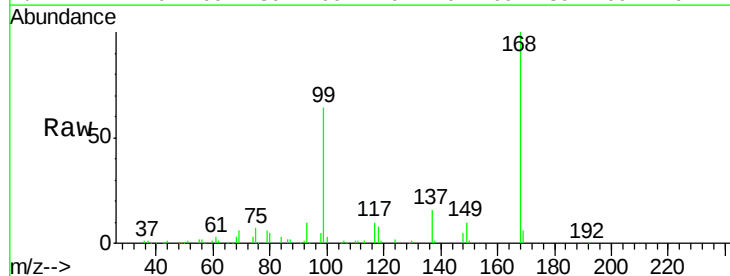
RT: 7.04 min Scan# 570

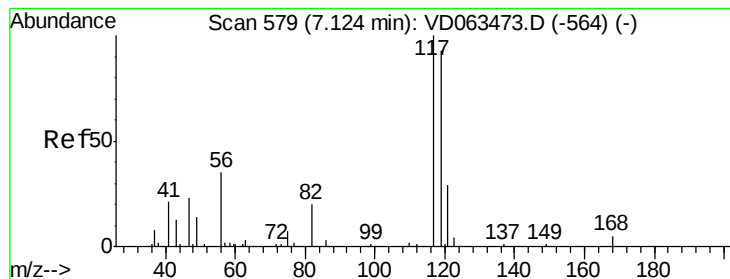
Delta R.T. -0.12 min

Lab File: VD063592.D

Acq: 14 Aug 2019 23:29

Tgt Ion:	75	Resp:	62694
Ion	Ratio	Lower	Upper
75	100		
110	11.6	17.6	52.8#
77	0.0	24.3	36.5#





#38

Carbon Tetrachloride

Concen: 5.170 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.08 min

Lab File: VD063592.D

Acq: 14 Aug 2019 23:29

Instrument :

MSVOA_D

ClientSampleId :

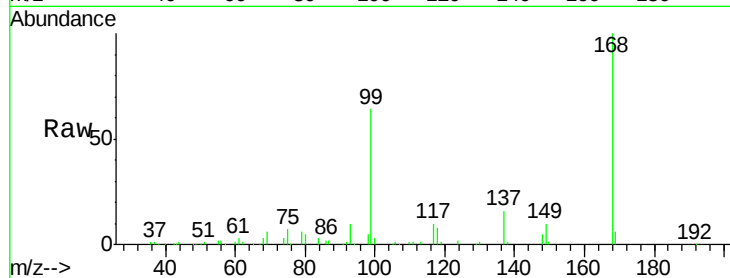
Tot Ion:117 Resp: 80897

Ion Ratio Lower Upper

117 100

119 6.5 74.2 111.2#

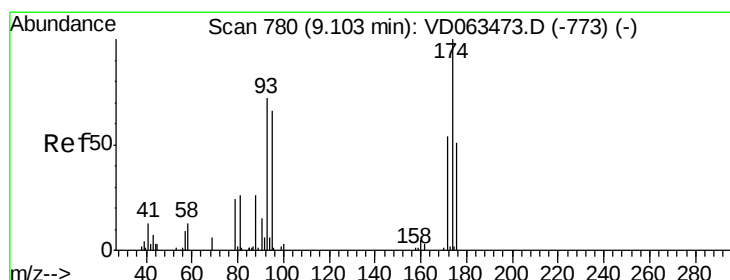
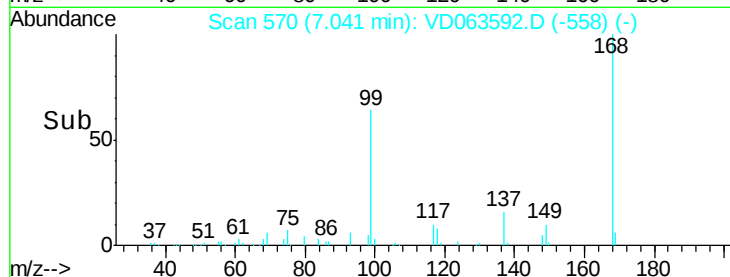
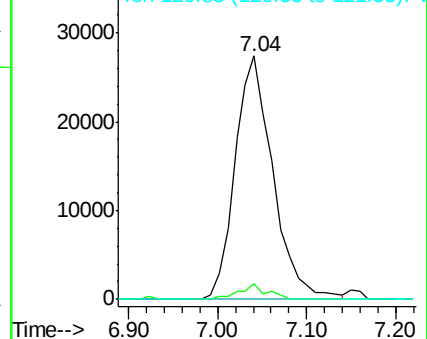
121 0.0 23.1 34.7#



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



#49

1,4-Dioxane

Concen: 30.655 ug/l

RT: 8.70 min Scan# 739

Delta R.T. -0.40 min

Lab File: VD063592.D

Acq: 14 Aug 2019 23:29

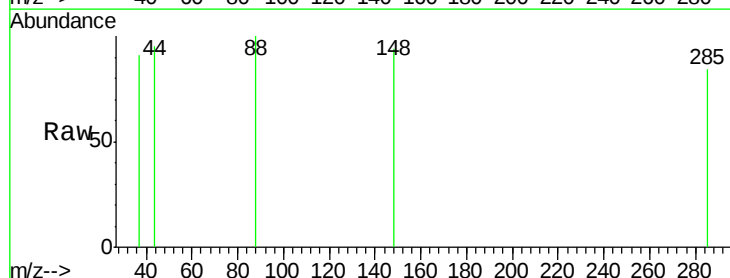
Tgt Ion: 88 Resp: 214

Ion Ratio Lower Upper

88 100

43 94.8 22.9 34.3#

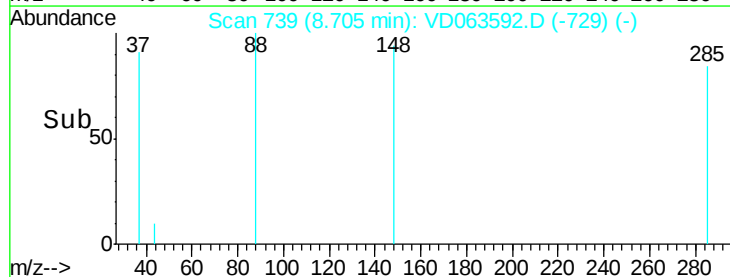
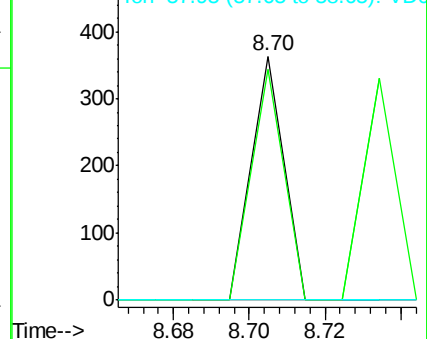
58 0.0 40.1 60.1#

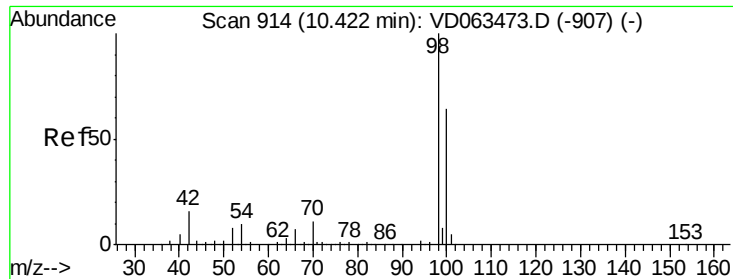


Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC

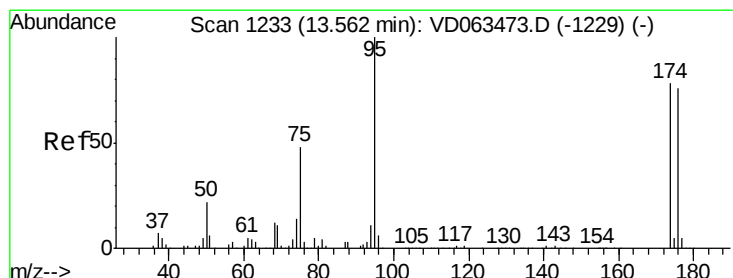
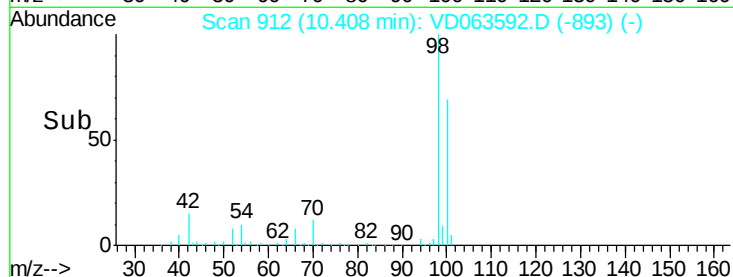
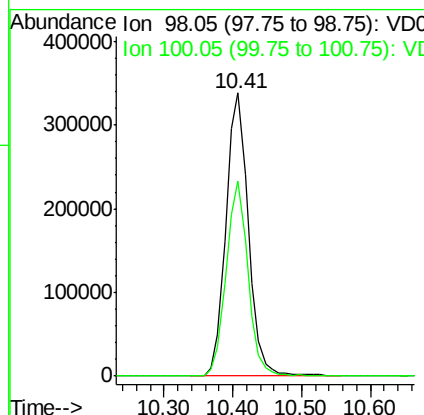
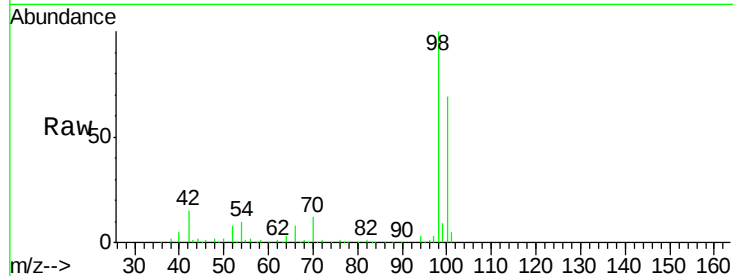




#50
Toluene-d8
Concen: 34.995 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063592.D
Acq: 14 Aug 2019 23:29

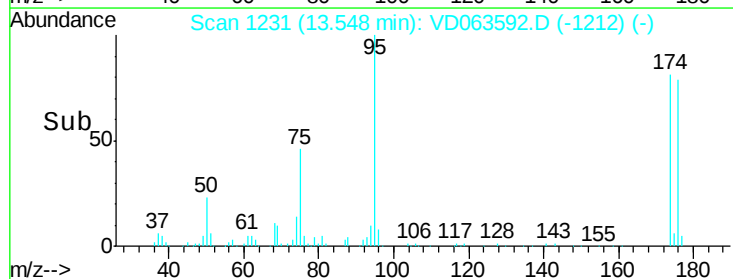
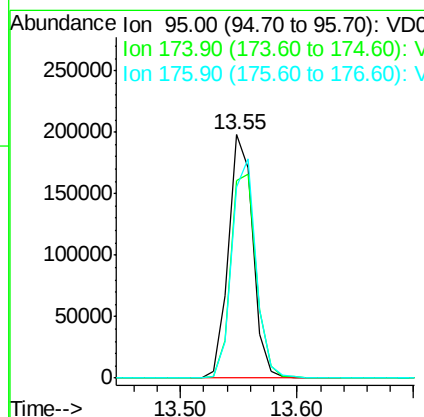
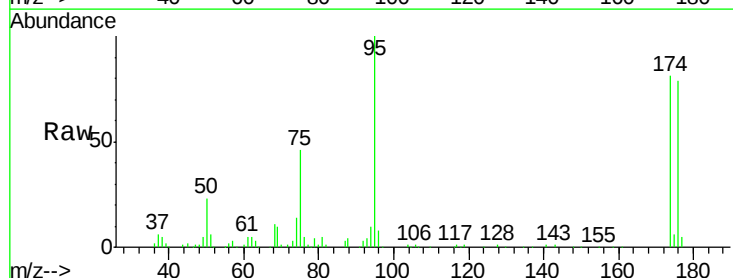
Instrument :
MSVOA_D
ClientSampleId :

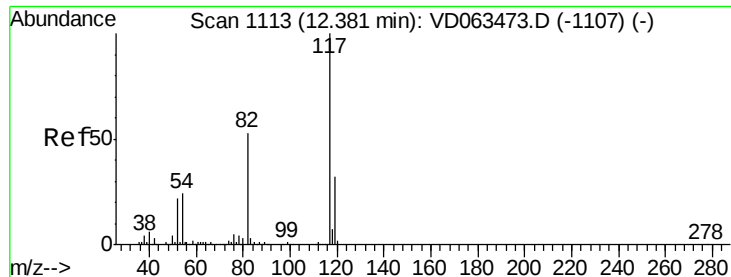
Tot Ion: 98 Resp: 760961
Ion Ratio Lower Upper
98 100
100 68.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 29.117 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063592.D
Acq: 14 Aug 2019 23:29

Tgt Ion: 95 Resp: 286969
Ion Ratio Lower Upper
95 100
174 81.0 0.0 155.4
176 78.7 0.0 152.4

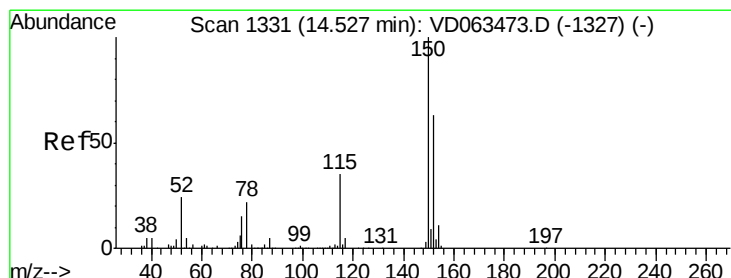
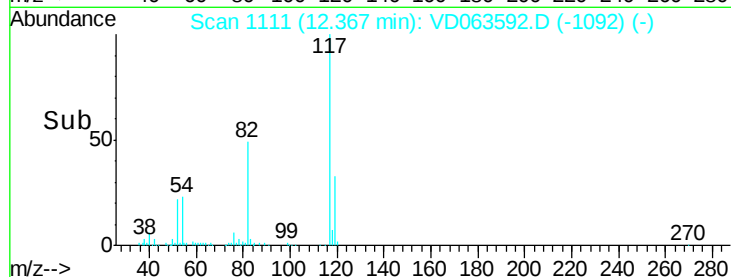
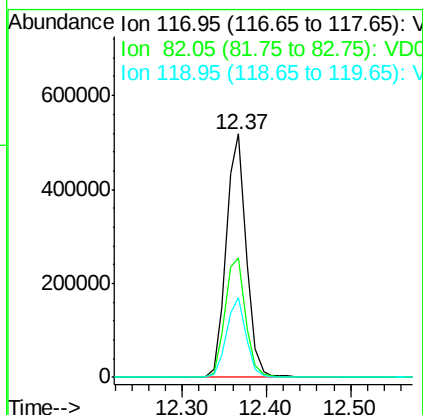
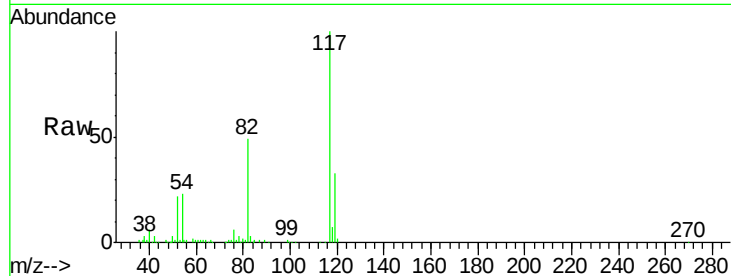




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063592.D
Acq: 14 Aug 2019 23:29

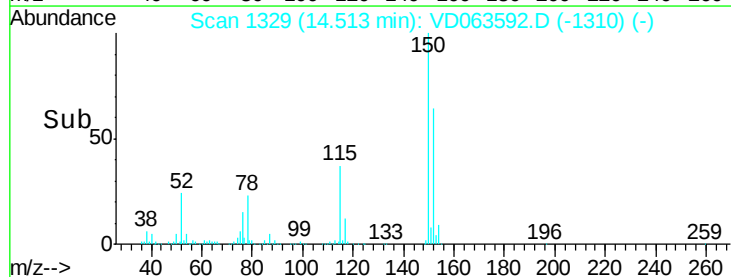
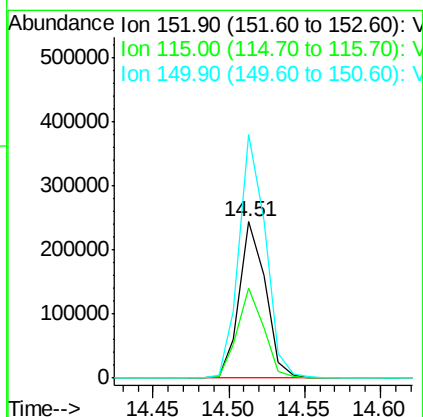
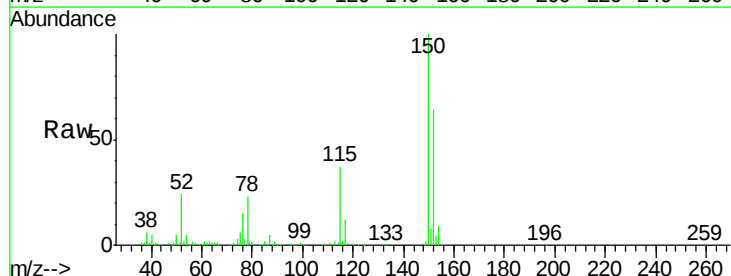
Instrument :
MSVOA_D
ClientSampleId :

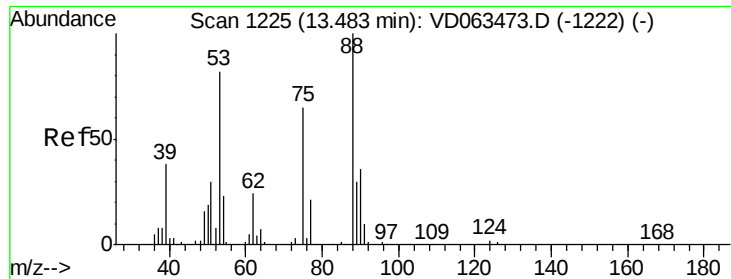
Tot Ion:117 Resp: 854930
Ion Ratio Lower Upper
117 100
82 48.8 42.0 63.0
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063592.D
Acq: 14 Aug 2019 23:29

Tgt Ion:152 Resp: 294859
Ion Ratio Lower Upper
152 100
115 57.5 30.9 92.7
150 155.9 0.0 318.6





#81

trans-1,4-Dichloro-2-butene

Concen: 134.743 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. 0.06 min

Lab File: VD063592.D

Acq: 14 Aug 2019 23:29

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 122553

Ion Ratio Lower Upper

75 100

53 0.0 101.0 151.4#

89 0.0 37.0 55.6#

