

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082119\
 Data File : VD063706.D
 Acq On : 21 Aug 2019 11:59
 Operator : JC/SY
 Sample : VD0821SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0821SBL01

Quant Time: Aug 22 01:24:07 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	993037	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.22	114	1404886	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	1056708	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	585275	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	584084	55.03	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	110.06%	
35) Dibromofluoromethane	6.92	113	626421	52.94	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.88%	
50) Toluene-d8	10.40	98	1318676	50.69	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	13.55	95	620015	52.59	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	105.18%	

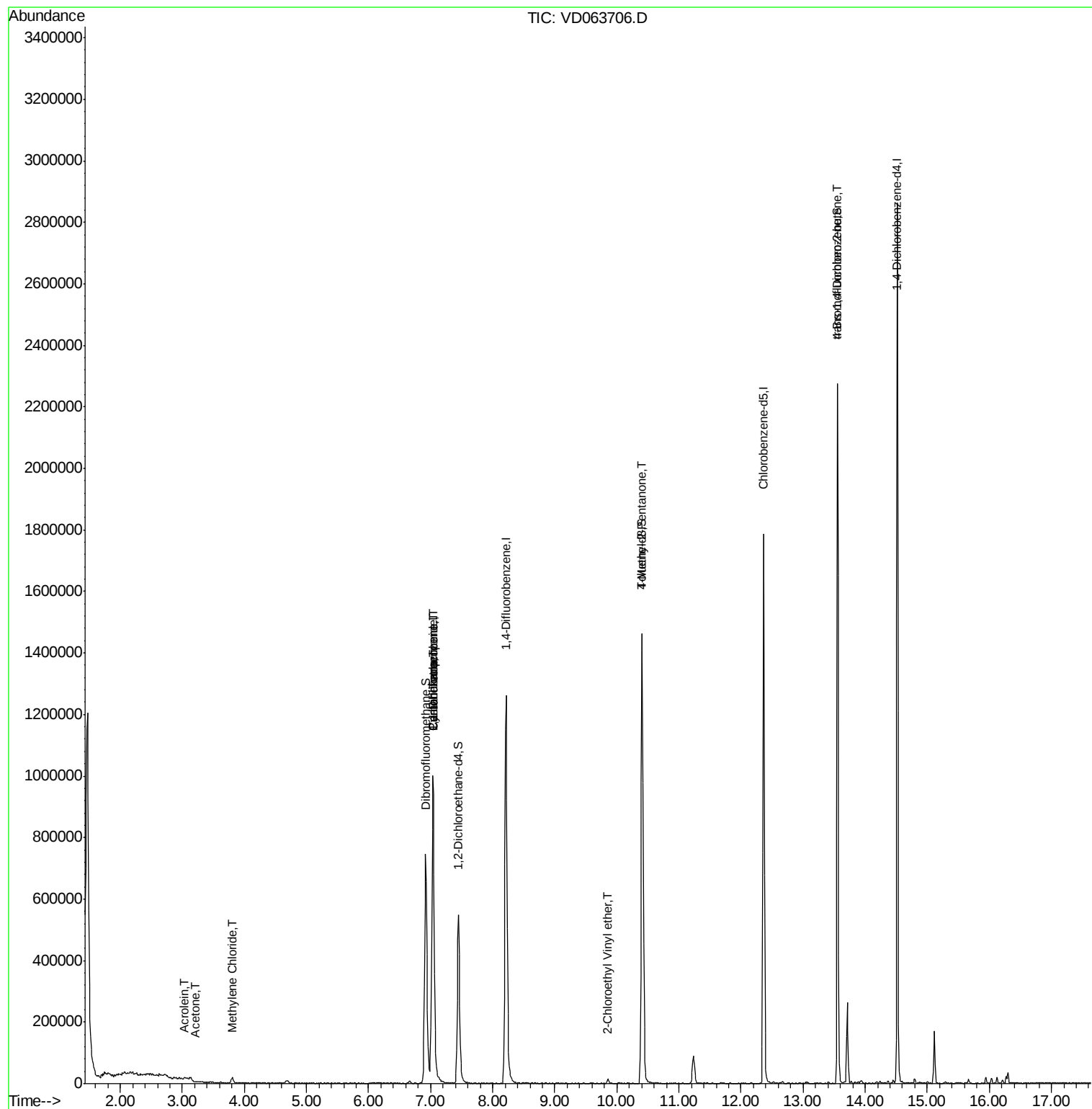
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.02	56	464	1.020	ug/l #	18
16) Acetone	3.22	43	3676	1.704	ug/l #	65
20) Methylene Chloride	3.81	84	11475	1.230	ug/l #	84
31) Cyclohexane	7.04	56	22045	2.300	ug/l #	16
36) 1,1-Dichloropropene	7.04	75	74237	5.977	ug/l #	53
38) Carbon Tetrachloride	7.04	117	97306	5.199	ug/l #	18
51) 4-Methyl-2-Pentanone	10.40	43	7688	1.612	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.86	63	7136	2.094	ug/l	93
81) trans-1,4-Dichloro-2-buten	13.55	75	290467	160.892	ug/l #	1

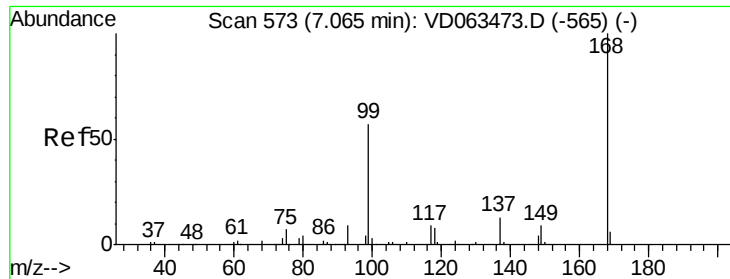
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD082119\
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Quant Time: Aug 22 01:24:07 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: 7.04 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD063706.D

Acq: 21 Aug 2019 11:59

Instrument :

MSVOA_D

ClientSampleId :

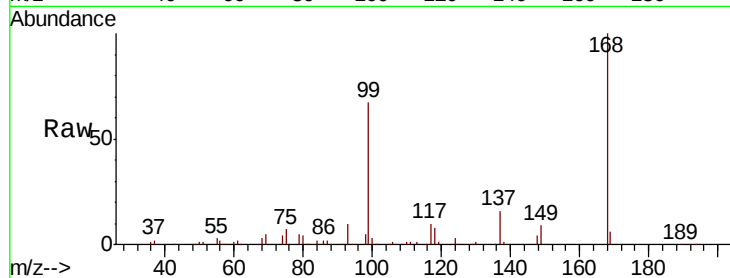
VD0821SBL01

Tgt Ion:168 Resp: 993037

Ion Ratio Lower Upper

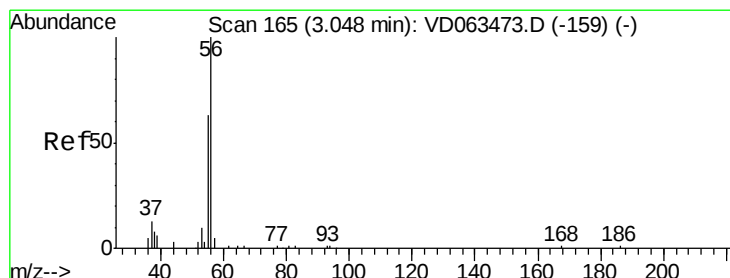
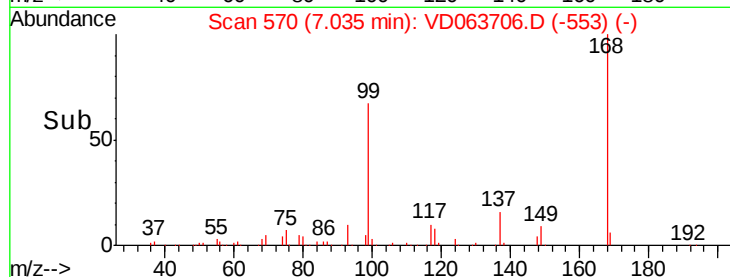
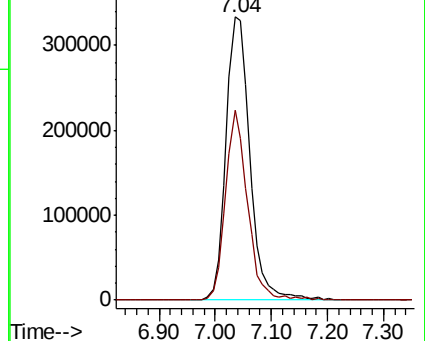
168 100

99 67.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V



#13

Acrolein

Concen: 1.020 ug/l

RT: 3.02 min Scan# 162

Delta R.T. -0.03 min

Lab File: VD063706.D

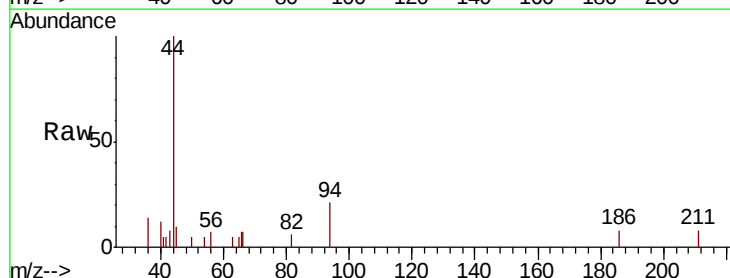
Acq: 21 Aug 2019 11:59

Tgt Ion: 56 Resp: 464

Ion Ratio Lower Upper

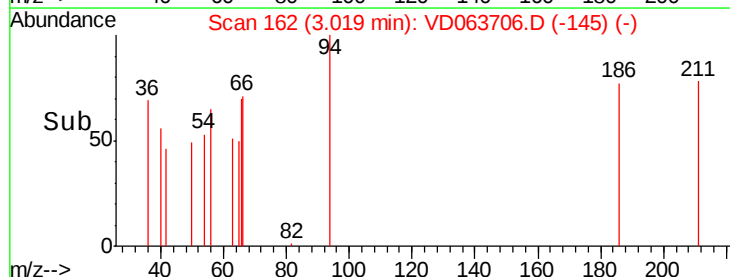
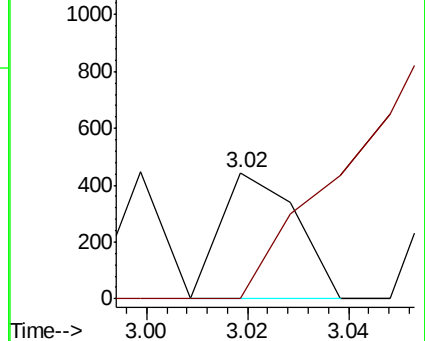
56 100

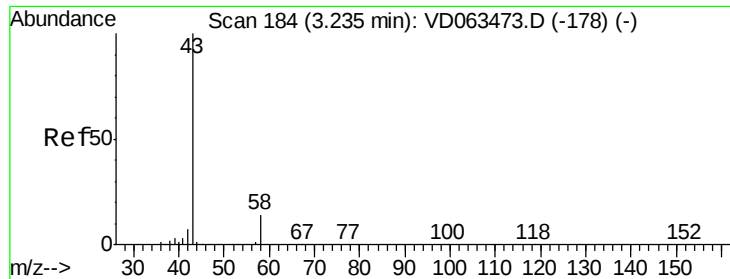
55 0.0 51.3 76.9#



Abundance Ion 55.95 (55.65 to 56.65): V

Ion 55.00 (54.70 to 55.70): V





#16

Acetone

Concen: 1.704 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063706.D

Acq: 21 Aug 2019 11:59

Instrument :

MSVOA_D

ClientSampleId :

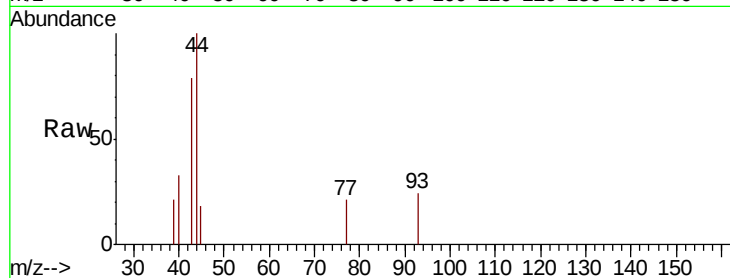
VD0821SBL01

Tgt Ion: 43 Resp: 3676

Ion Ratio Lower Upper

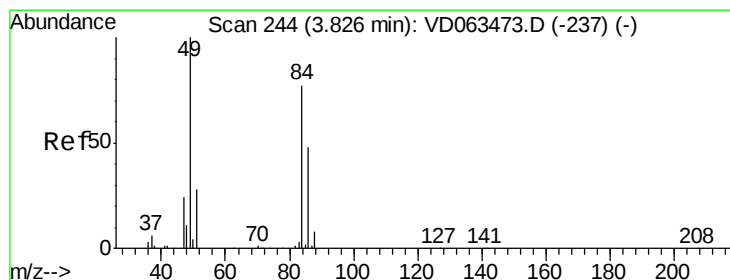
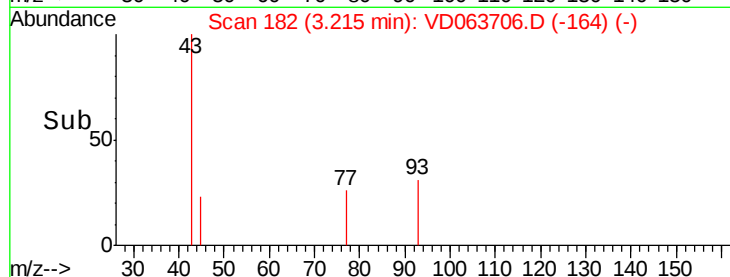
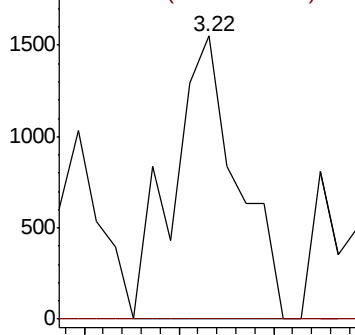
43 100

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



#20

Methylene Chloride

Concen: 1.230 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.02 min

Lab File: VD063706.D

Acq: 21 Aug 2019 11:59

Tgt Ion: 84 Resp: 11475

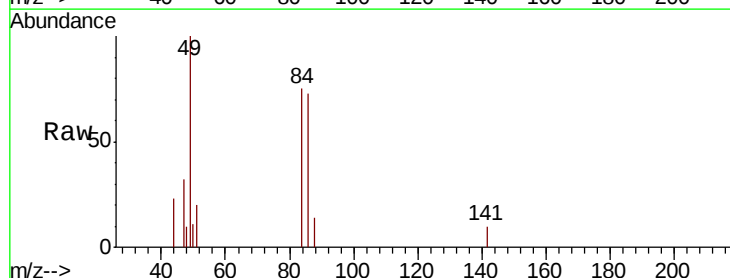
Ion Ratio Lower Upper

84 100

49 132.6 103.4 155.2

51 27.2 28.5 42.7#

86 96.4 49.4 74.2#

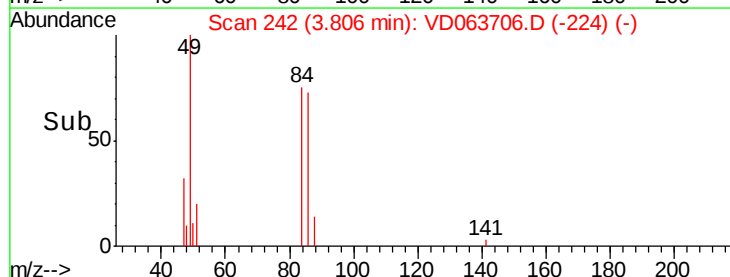
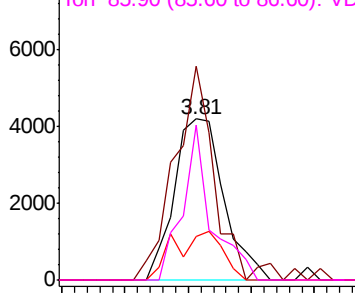


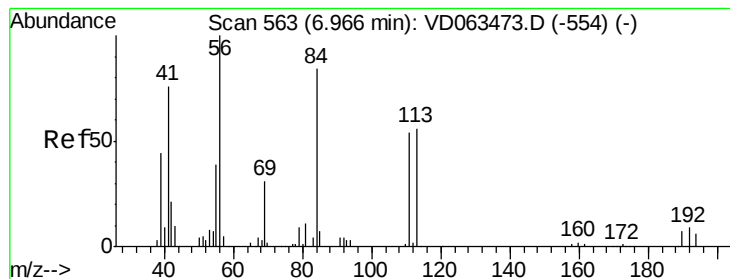
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#31

Cyclohexane

Concen: 2.300 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.07 min

Lab File: VD063706.D

Acq: 21 Aug 2019 11:59

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBL01

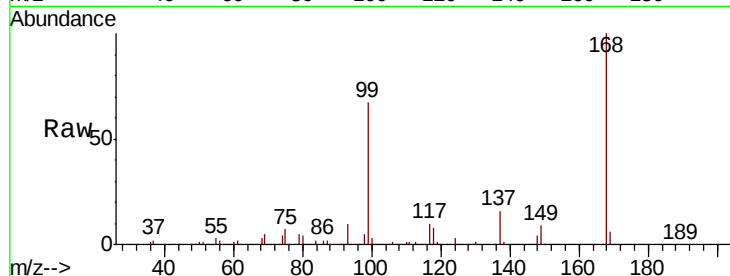
Tgt Ion: 56 Resp: 22045

Ion Ratio Lower Upper

56 100

69 204.9 25.0 37.6#

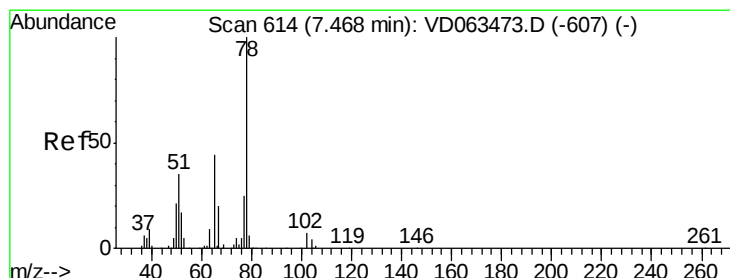
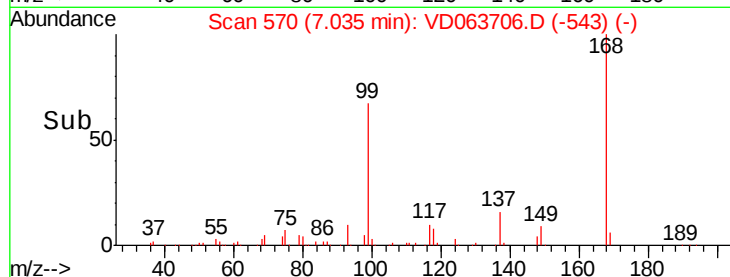
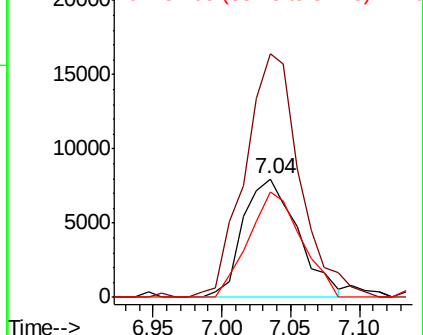
84 88.5 69.7 104.5



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC



#33

1,2-Dichloroethane-d4

Concen: 55.025 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD063706.D

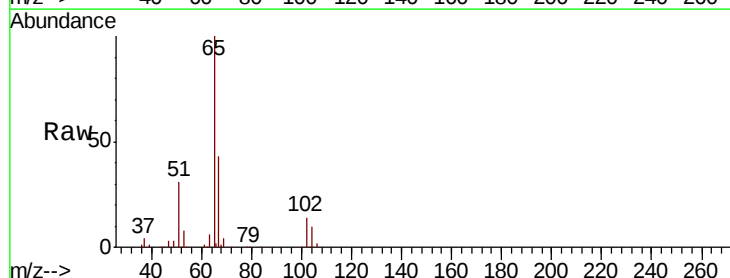
Acq: 21 Aug 2019 11:59

Tgt Ion: 65 Resp: 584084

Ion Ratio Lower Upper

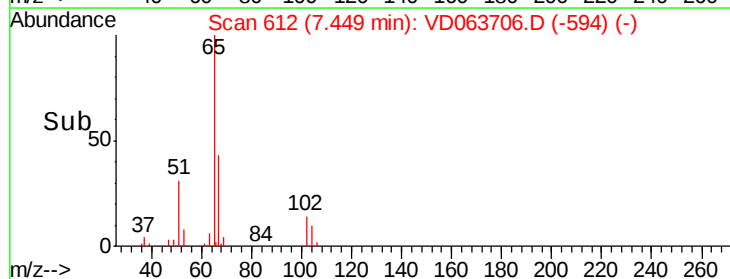
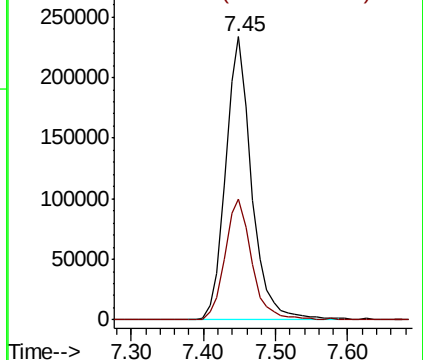
65 100

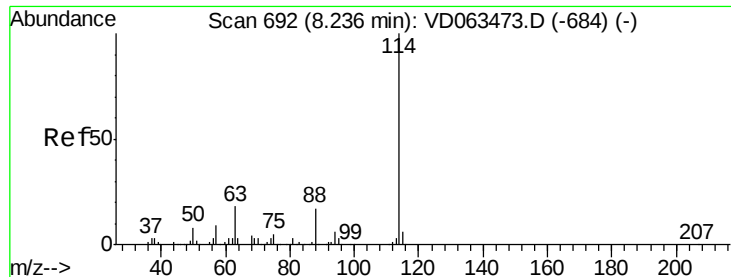
67 42.5 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.02 min

Lab File: VD063706.D

Acq: 21 Aug 2019 11:59

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBL01

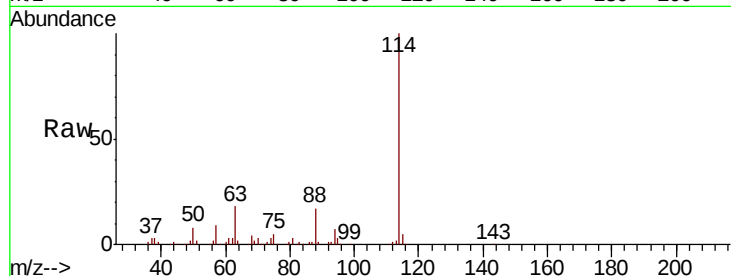
Tgt Ion:114 Resp: 1404886

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.2

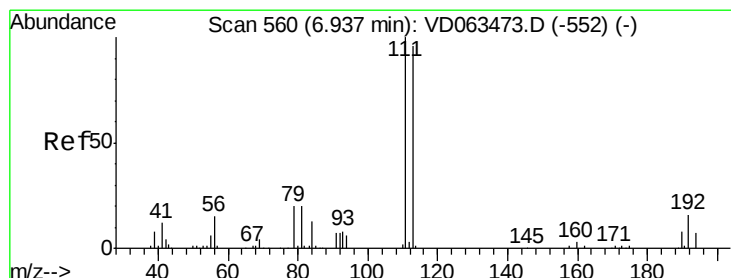
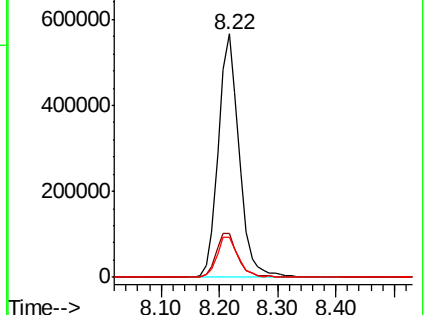
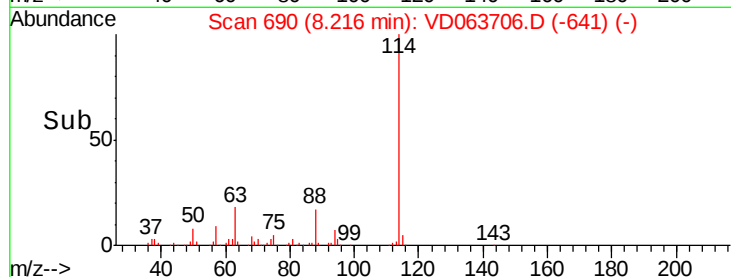
88 16.7 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 52.943 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063706.D

Acq: 21 Aug 2019 11:59

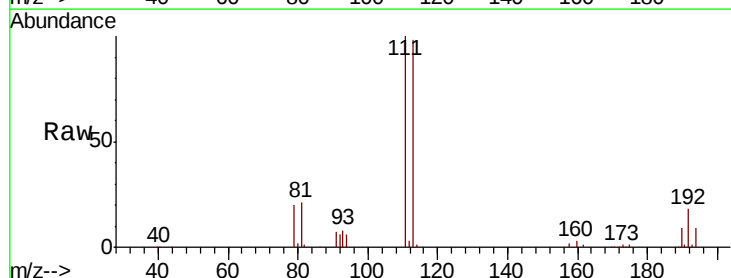
Tgt Ion:113 Resp: 626421

Ion Ratio Lower Upper

113 100

111 102.5 83.1 124.7

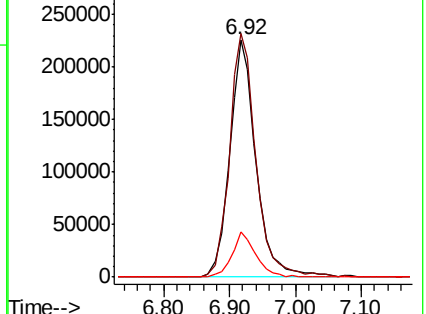
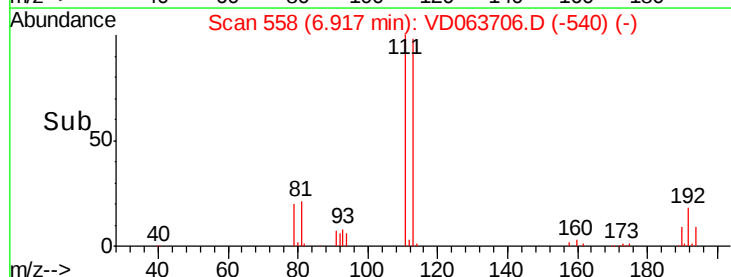
192 18.9 13.1 19.7

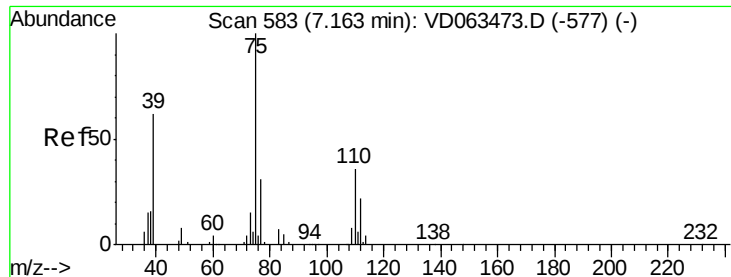


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

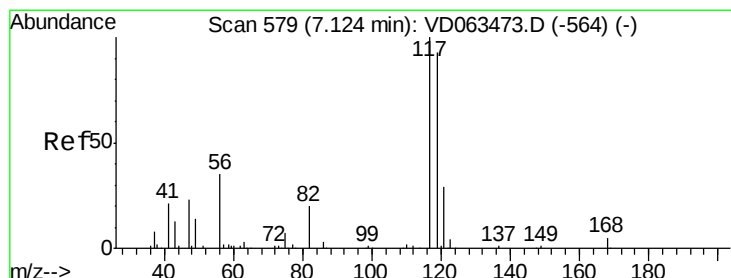
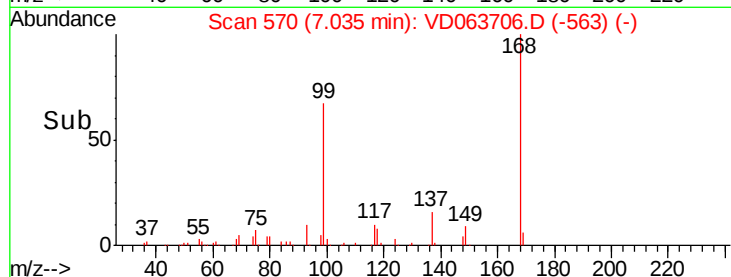
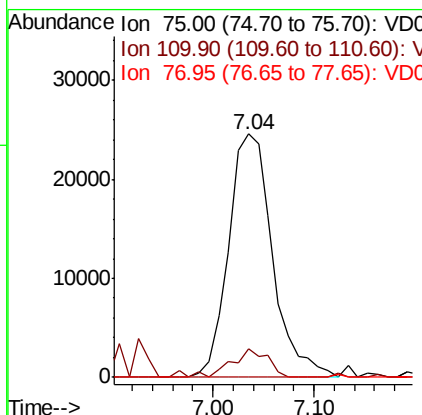
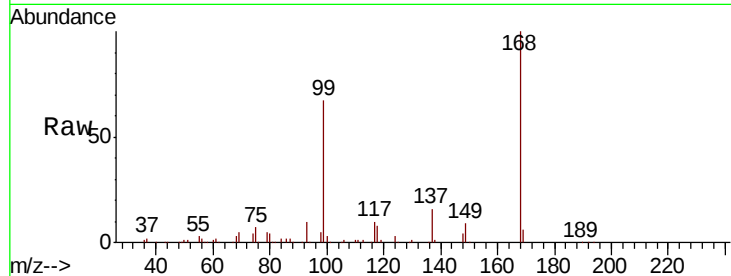




#36
 1,1-Dichloropropene
 Concen: 5.977 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.13 min
 Lab File: VD063706.D
 Acq: 21 Aug 2019 11:59

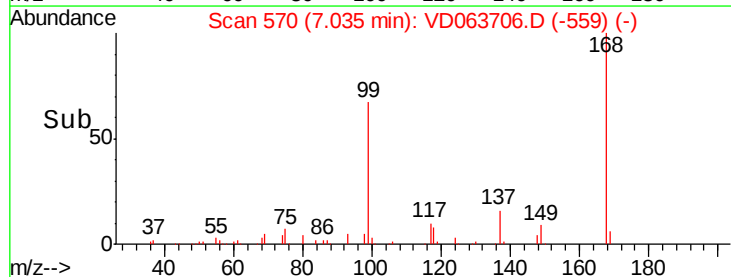
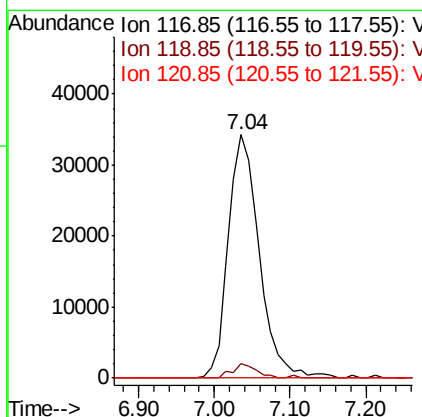
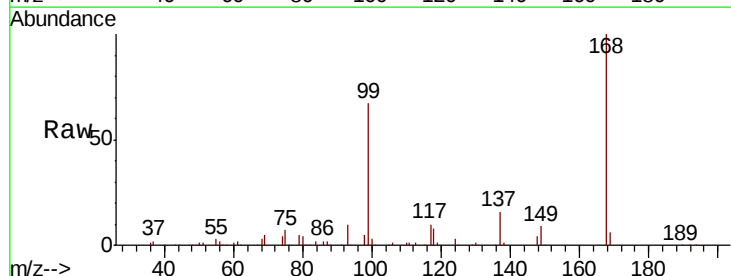
Instrument :
 MSVOA_D
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 VD0821SBL01

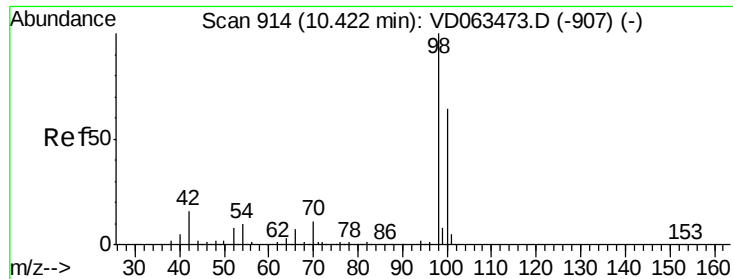
Tgt Ion: 75 Resp: 74237
 Ion Ratio Lower Upper
 75 100
 110 11.8 17.6 52.8#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 5.199 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.09 min
 Lab File: VD063706.D
 Acq: 21 Aug 2019 11:59

Tgt Ion: 117 Resp: 97306
 Ion Ratio Lower Upper
 117 100
 119 6.0 74.2 111.2#
 121 0.0 23.1 34.7#

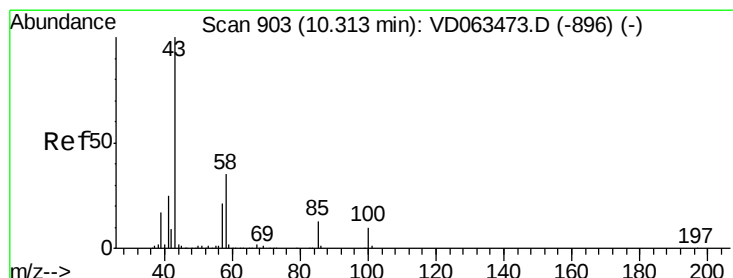
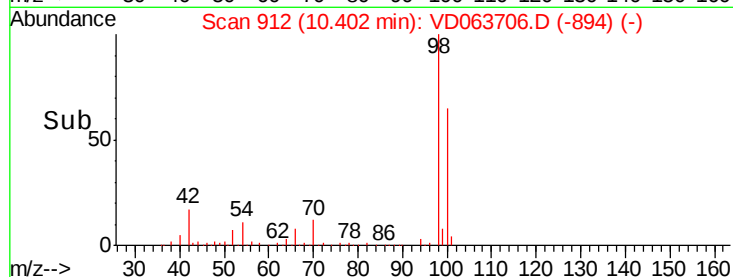
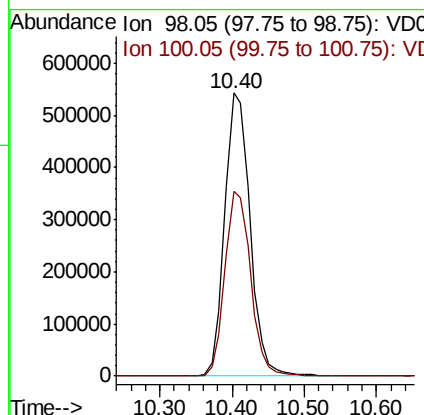
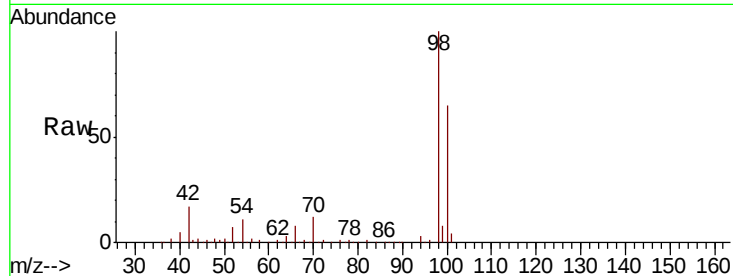




#50
Toluene-d8
Concen: 50.692 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD063706.D
Acq: 21 Aug 2019 11:59

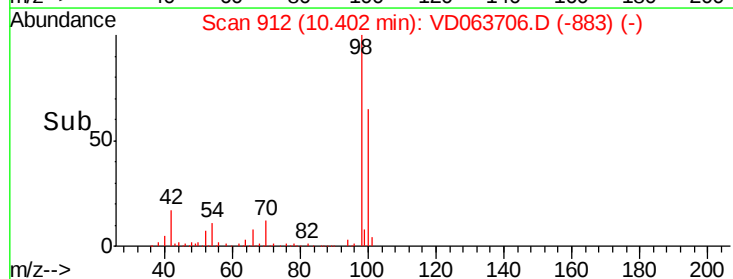
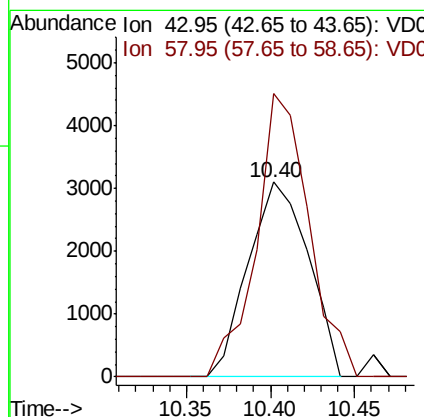
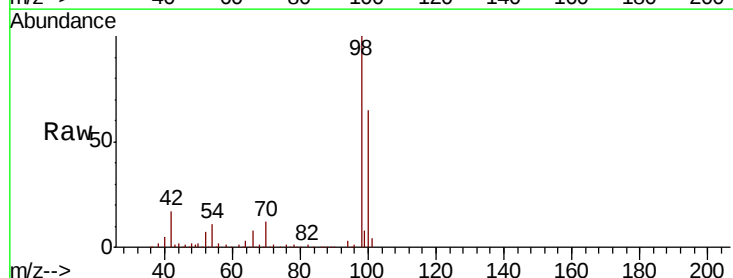
Instrument :
MSVOA_D
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VD0821SBL01

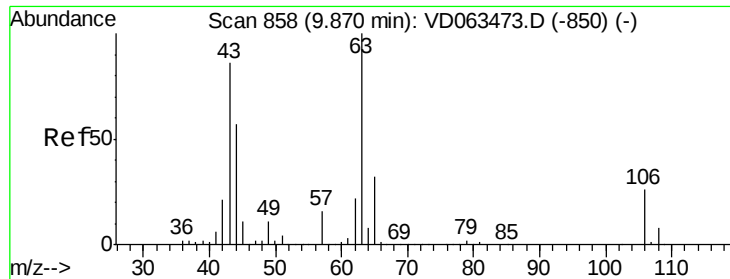
Tgt Ion: 98 Resp: 1318676
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.612 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.09 min
Lab File: VD063706.D
Acq: 21 Aug 2019 11:59

Tgt Ion: 43 Resp: 7688
Ion Ratio Lower Upper
43 100
58 145.4 28.0 42.0#

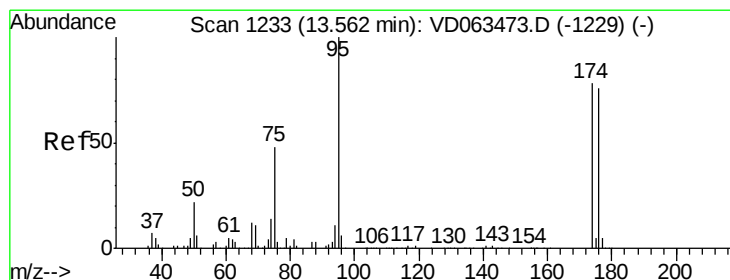
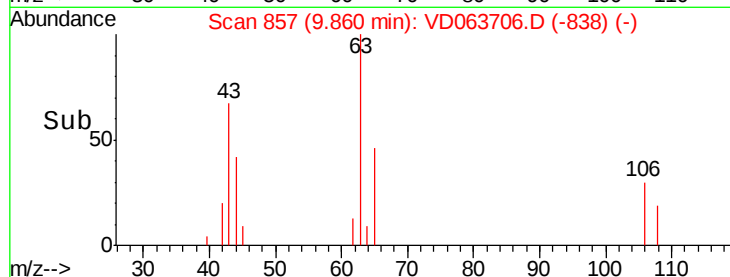
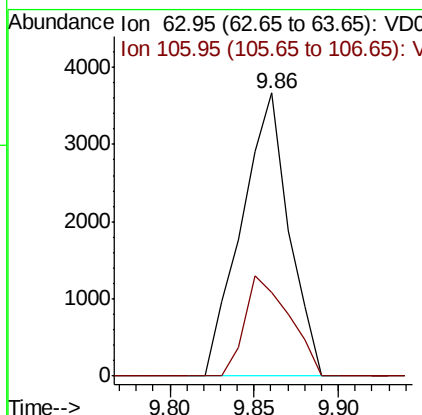
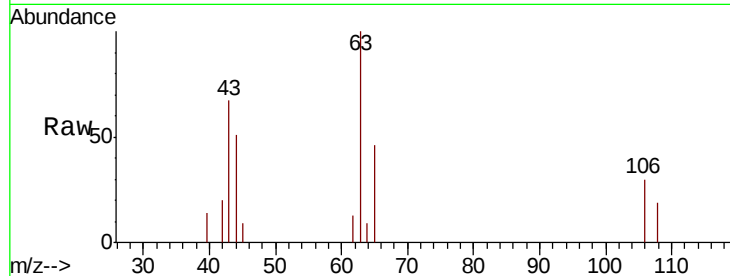




#58
 2-Chloroethyl Vinyl ether
 Concen: 2.094 ug/l
 RT: 9.86 min Scan# 857
 Delta R.T. -0.01 min
 Lab File: VD063706.D
 Acq: 21 Aug 2019 11:59

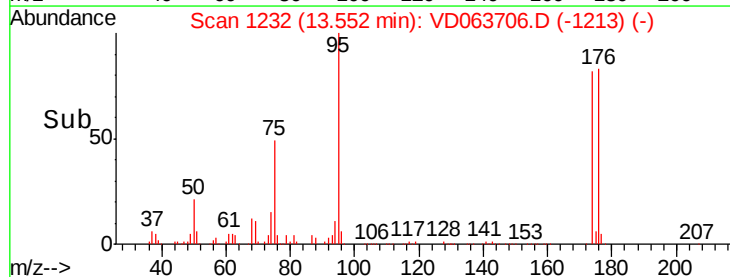
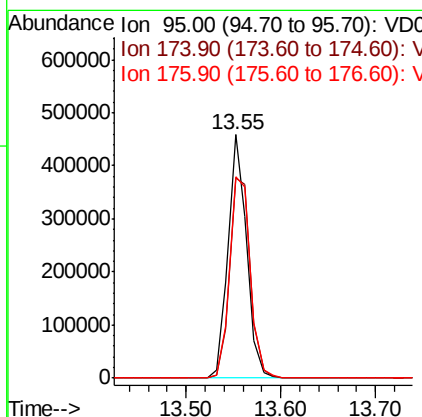
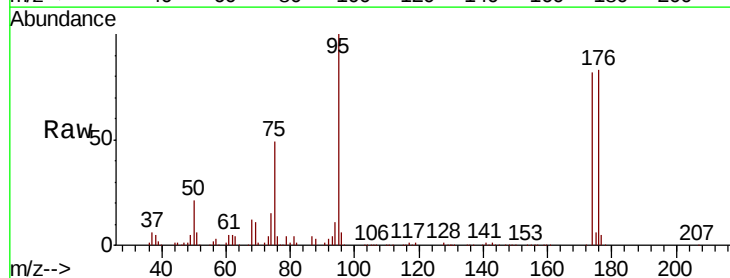
Instrument :
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 ClientSampleId :
 VD0821SBL01

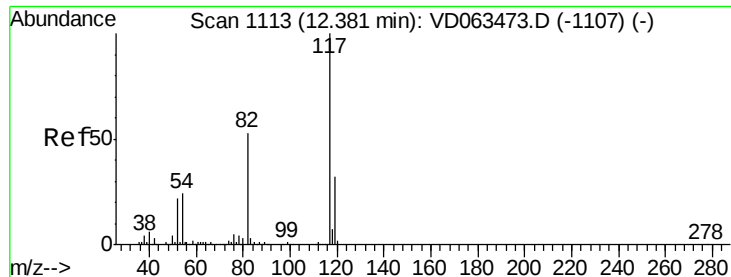
Tgt Ion: 63 Resp: 7136
 Ion Ratio Lower Upper
 63 100
 106 29.5 20.8 31.2



#62
 4-Bromofluorobenzene
 Concen: 52.587 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: VD063706.D
 Acq: 21 Aug 2019 11:59

Tgt Ion: 95 Resp: 620015
 Ion Ratio Lower Upper
 95 100
 174 82.4 0.0 155.4
 176 83.0 0.0 152.4

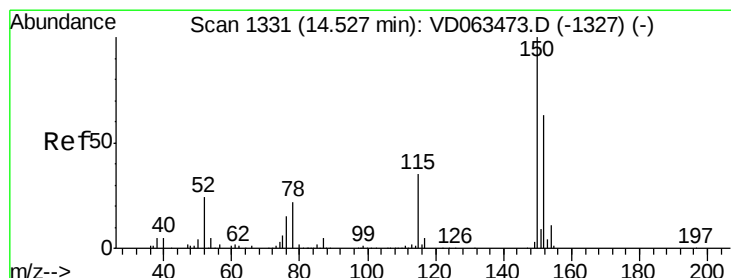
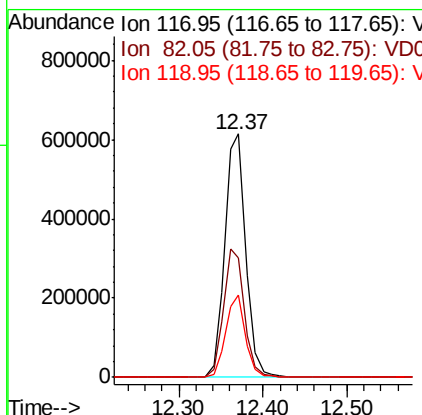
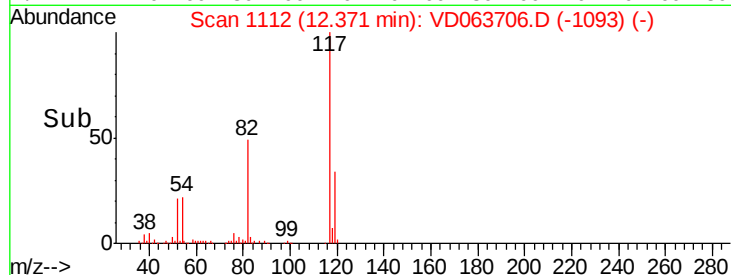
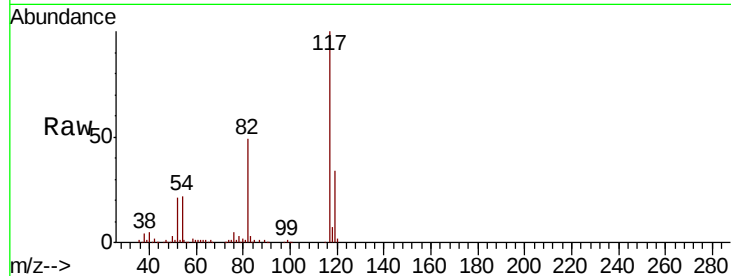




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063706.D
Acq: 21 Aug 2019 11:59

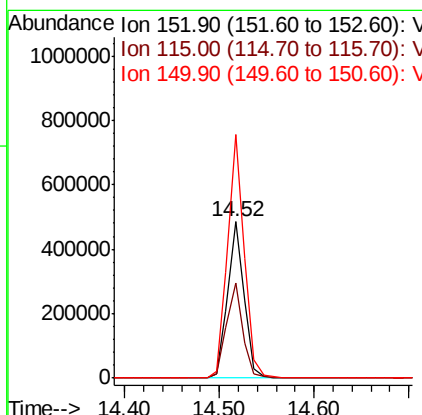
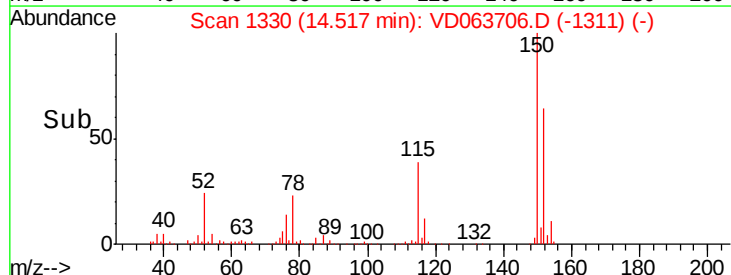
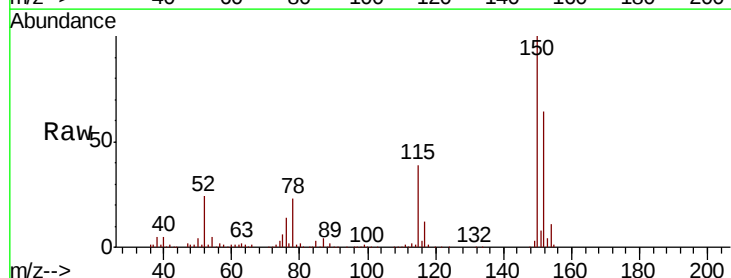
Instrument :
MSVOA_D
ClientSampleId :
VD0821SBL01

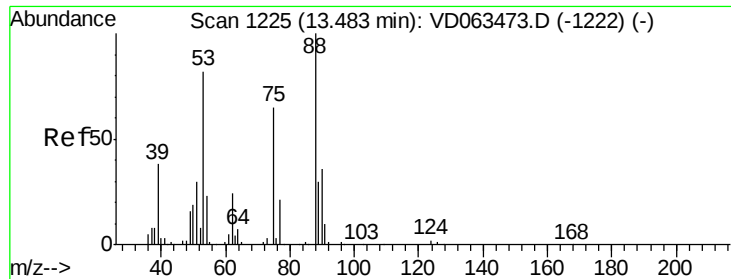
Tgt Ion:117 Resp: 1056708
Ion Ratio Lower Upper
117 100
82 49.0 42.0 63.0
119 33.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063706.D
Acq: 21 Aug 2019 11:59

Tgt Ion:152 Resp: 585275
Ion Ratio Lower Upper
152 100
115 60.9 30.9 92.7
150 155.9 0.0 318.6





#81

trans-1,4-Dichloro-2-butene

Concen: 160.892 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD063706.D

Acq: 21 Aug 2019 11:59

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBL01

Tgt Ion: 75 Resp: 290467

Ion Ratio Lower Upper

75 100

53 0.0 101.0 151.4#

89 0.0 37.0 55.6#

