

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051719\
 Data File : VD062433.D
 Acq On : 17 May 2019 12:10
 Operator : FY/SY
 Sample : VD0517SBL01
 Misc : 5.00g/5mL/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0517SBL01

Quant Time: May 17 12:34:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

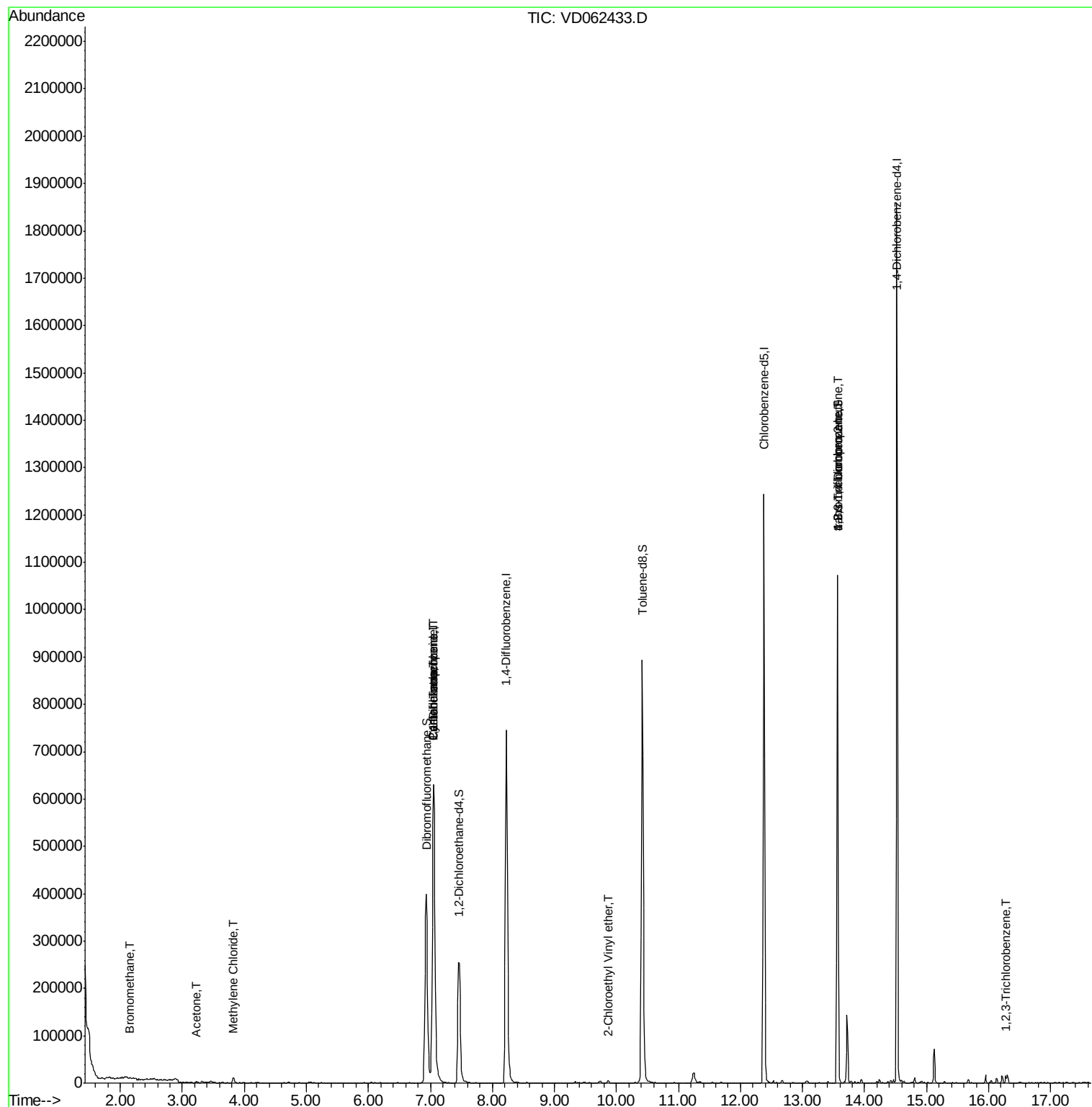
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	613985	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	833601	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	656175	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	391471	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	295535	51.80	ug/l	0.03
Spiked Amount 50.000			Recovery	=	103.60%	
35) Dibromofluoromethane	6.93	113	354956	51.32	ug/l	0.04
Spiked Amount 50.000			Recovery	=	102.64%	
50) Toluene-d8	10.42	98	733104	43.96	ug/l	0.02
Spiked Amount 50.000			Recovery	=	87.92%	
62) 4-Bromofluorobenzene	13.56	95	338547	50.56	ug/l	0.01
Spiked Amount 50.000			Recovery	=	101.12%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.17	94	2353	2.408	ug/l #	36
16) Acetone	3.23	43	4025	3.364	ug/l #	50
18) Methyl Acetate	3.66	43	212	Below Cal	#	53
20) Methylene Chloride	3.82	84	6502	1.301	ug/l #	82
31) Cyclohexane	7.05	56	13869	2.317	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	49250	7.206	ug/l #	49
38) Carbon Tetrachloride	7.05	117	67495	7.135	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.87	63	2779	1.378	ug/l	91
76) 1,2,3-Trichloropropane	13.56	75	127082	27.316	ug/l #	43
81) trans-1,4-Dichloro-2-buten	13.56	75	144972	110.381	ug/l #	16
96) 1,2,3-Trichlorobenzene	16.27	180	4725	1.045	ug/l	81

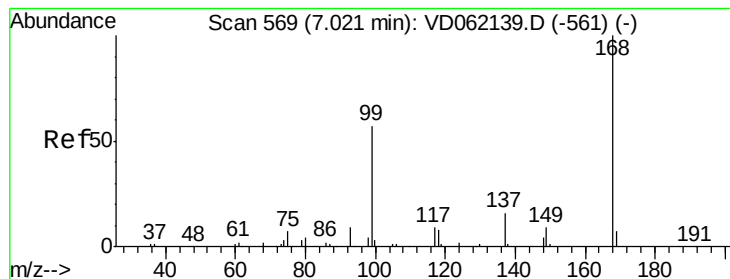
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD051719\
Data File : VD062433.D
Acq On : 17 May 2019 12:10
Operator : FY/SY
Sample : VD0517SBL01
Misc : 5.00g/5mL/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBL01

Quant Time: May 17 12:34:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD062433.D

Acq: 17 May 2019 12:10

Instrument :

MSVOA_D

ClientSampleId :

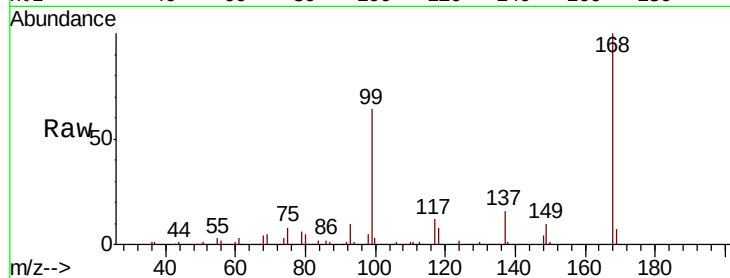
VD0517SBL01

Tgt Ion:168 Resp: 613985

Ion Ratio Lower Upper

168 100

99 64.1 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.05

250000

200000

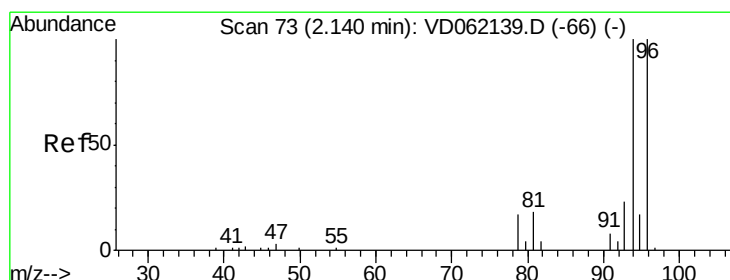
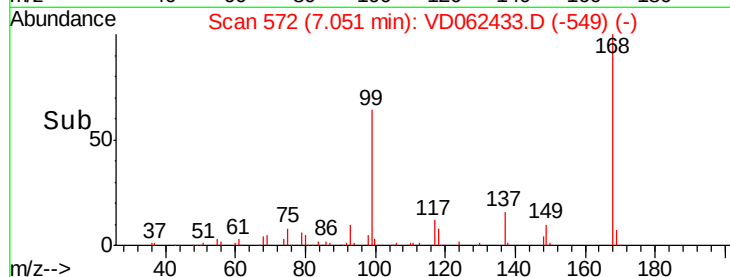
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#5

Bromomethane

Concen: 2.408 ug/l

RT: 2.17 min Scan# 76

Delta R.T. 0.03 min

Lab File: VD062433.D

Acq: 17 May 2019 12:10

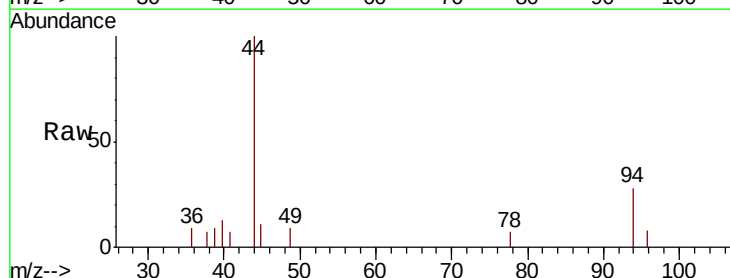
Tgt Ion: 94 Resp: 2353

Ion Ratio Lower Upper

94 100

96 29.6 76.6 115.0#

93 0.0 18.5 27.7#



Abundance Ion 94.00 (93.70 to 94.70): V

Ion 96.00 (95.70 to 96.70): V

Ion 93.00 (92.70 to 93.70): V

2.17

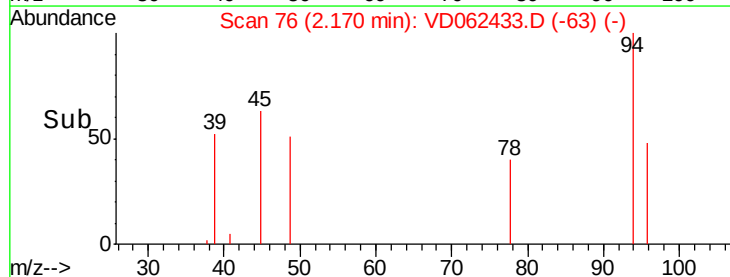
1500

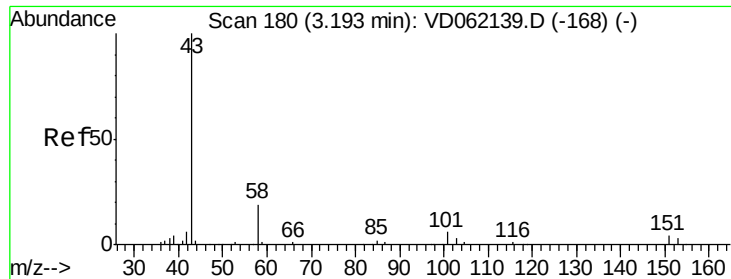
1000

500

0

Time--> 2.10 2.15 2.20





#16

Acetone

Concen: 3.364 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062433.D

Acq: 17 May 2019 12:10

Instrument :

MSVOA_D

ClientSampleId :

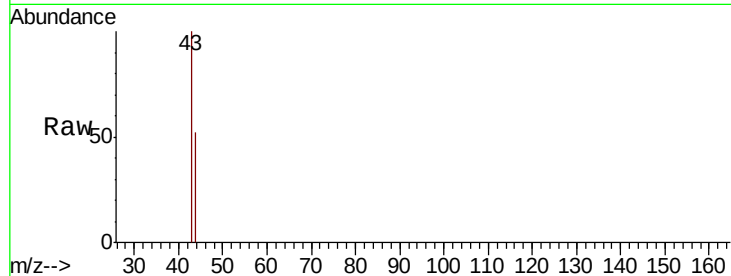
VD0517SBL01

Tgt Ion: 43 Resp: 4025

Ion Ratio Lower Upper

43 100

58 0.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

2000

1500

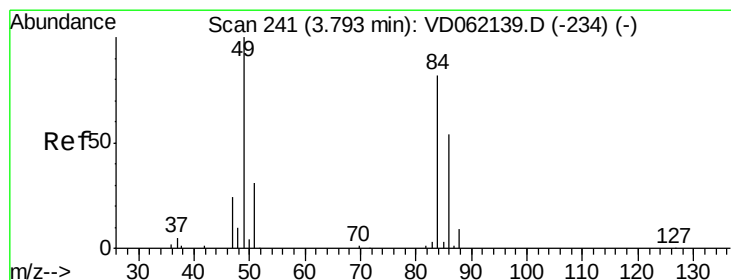
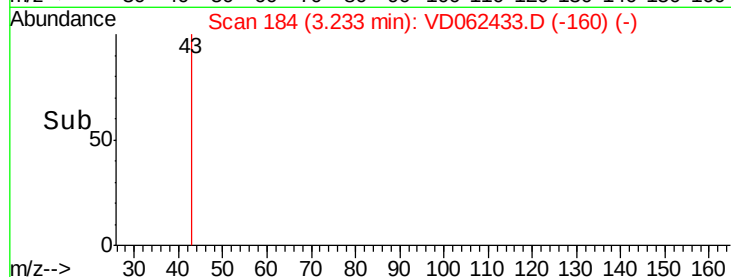
1000

500

0

3.15 3.20 3.25 3.30

Time-->



#20

Methylene Chloride

Concen: 1.301 ug/l

RT: 3.82 min Scan# 244

Delta R.T. 0.03 min

Lab File: VD062433.D

Acq: 17 May 2019 12:10

Tgt Ion: 84 Resp: 6502

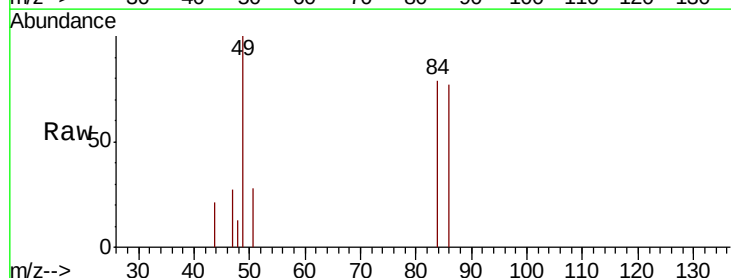
Ion Ratio Lower Upper

84 100

49 126.8 94.0 141.0

51 36.0 29.0 43.4

86 97.6 49.8 74.6#



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

5000

4000

3000

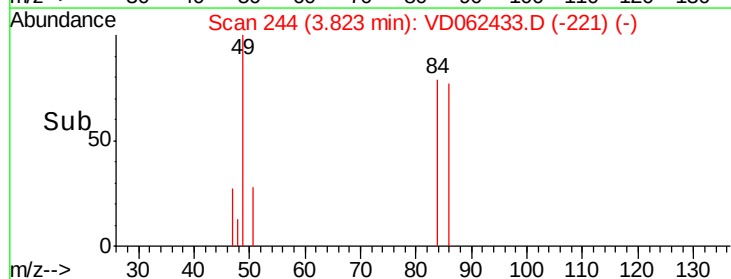
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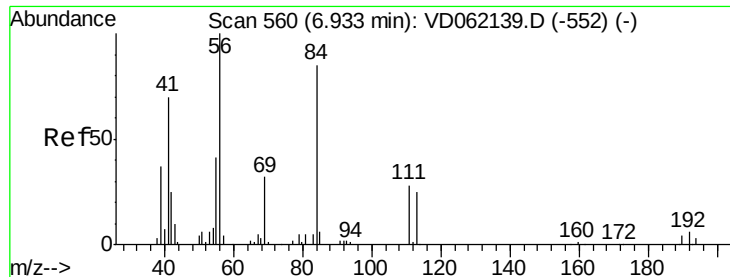
1000

0

3.75 3.80 3.85 3.90

Time-->

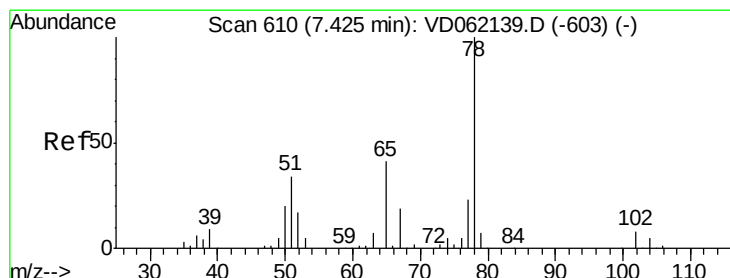
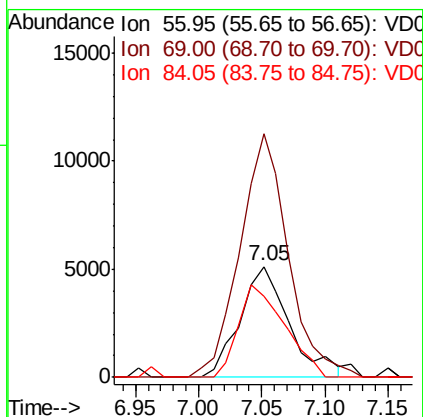
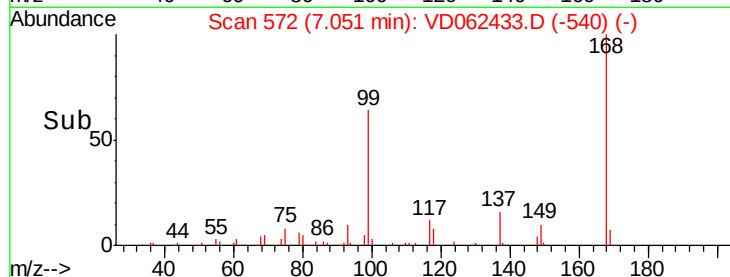
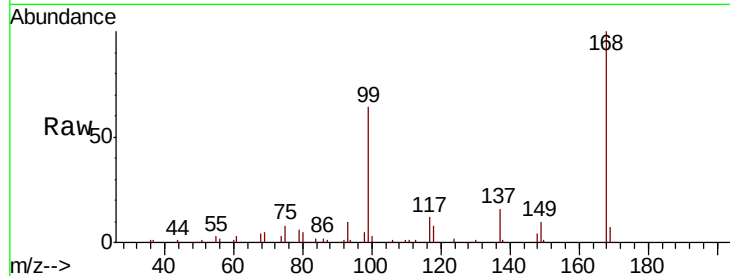




#31
Cyclohexane
Concen: 2.317 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.12 min
Lab File: VD062433.D
Acq: 17 May 2019 12:10

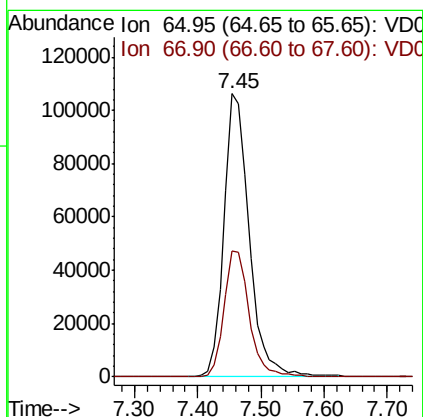
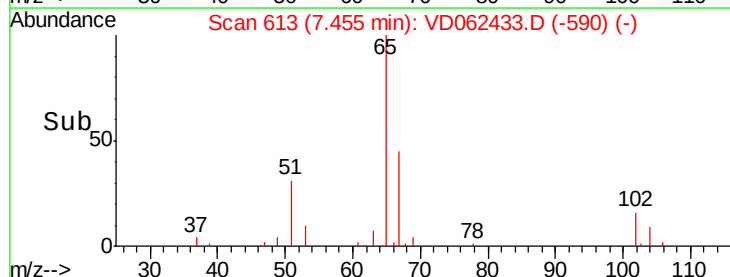
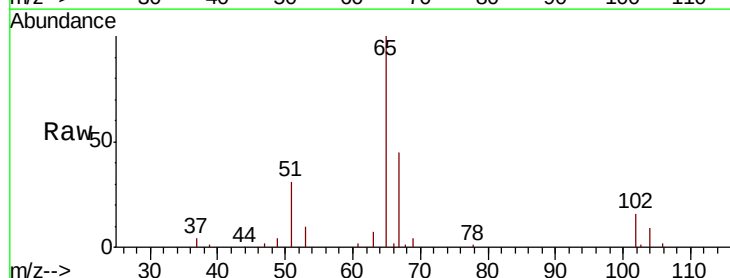
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBL01

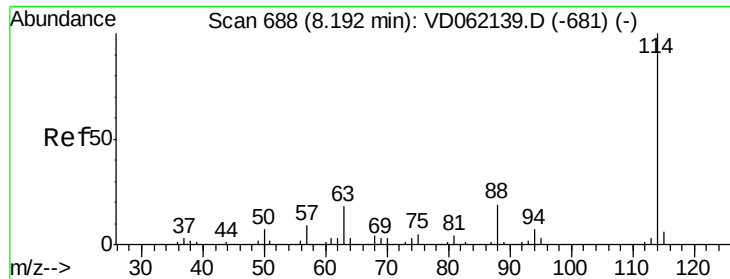
Tgt Ion: 56 Resp: 13869
Ion Ratio Lower Upper
56 100
69 219.7 25.8 38.6#
84 72.6 72.2 108.4



#33
1,2-Dichloroethane-d4
Concen: 51.795 ug/l
RT: 7.45 min Scan# 613
Delta R.T. 0.03 min
Lab File: VD062433.D
Acq: 17 May 2019 12:10

Tgt Ion: 65 Resp: 295535
Ion Ratio Lower Upper
65 100
67 44.7 0.0 98.0

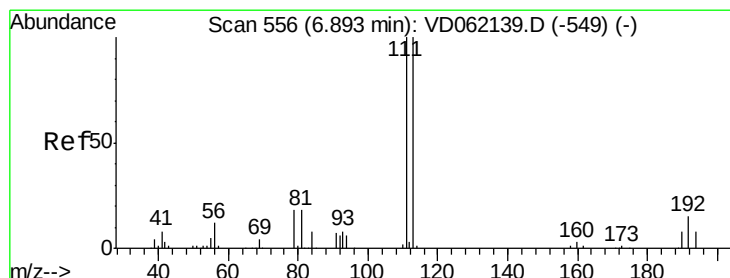
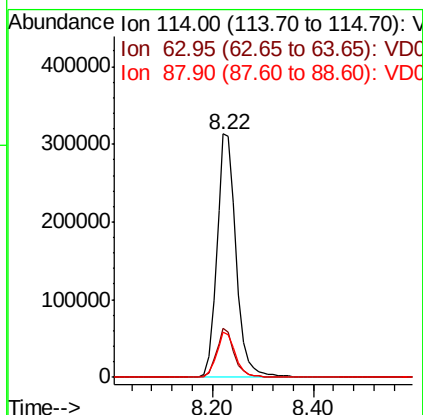
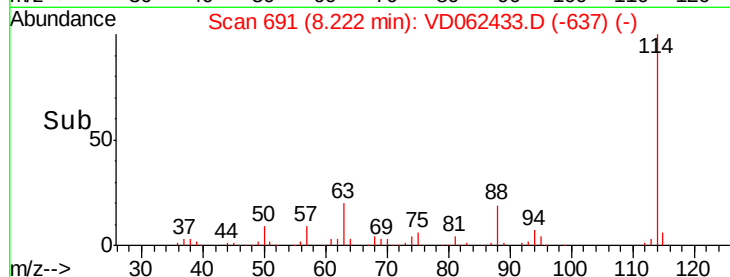
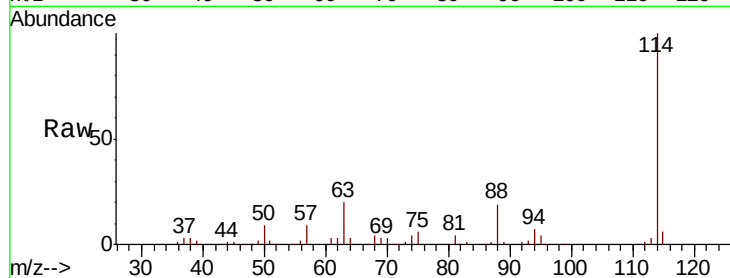




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD062433.D
 Acq: 17 May 2019 12:10

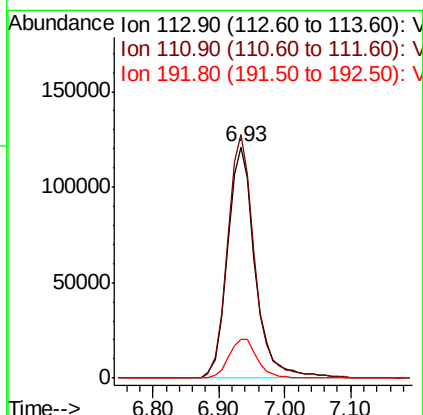
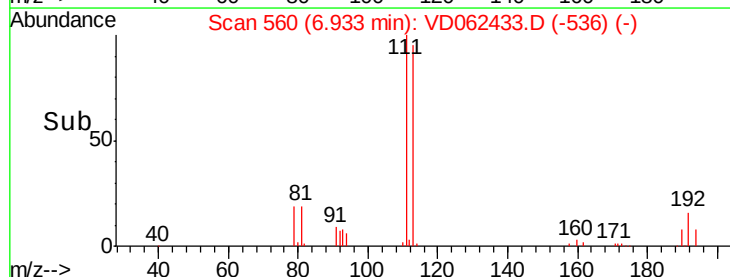
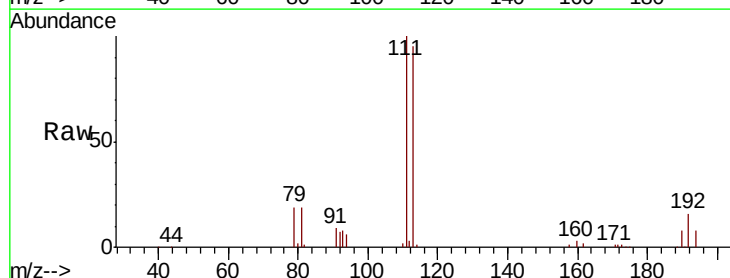
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0517SBL01

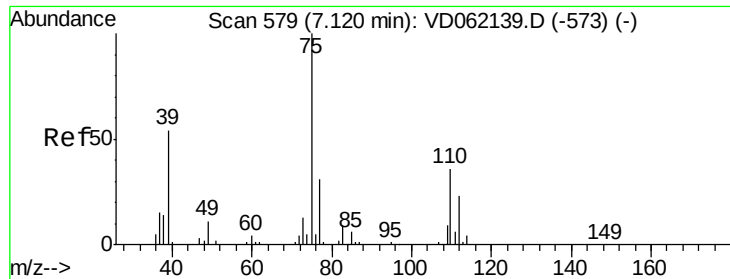
Tgt Ion:114 Resp: 833601
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 32.4
 88 18.8 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 51.320 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.04 min
 Lab File: VD062433.D
 Acq: 17 May 2019 12:10

Tgt Ion:113 Resp: 354956
 Ion Ratio Lower Upper
 113 100
 111 105.3 78.5 117.7
 192 16.5 13.0 19.4

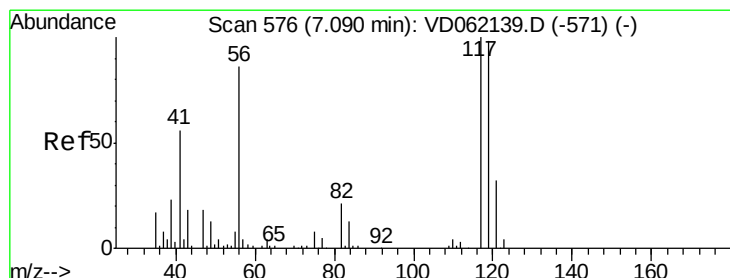
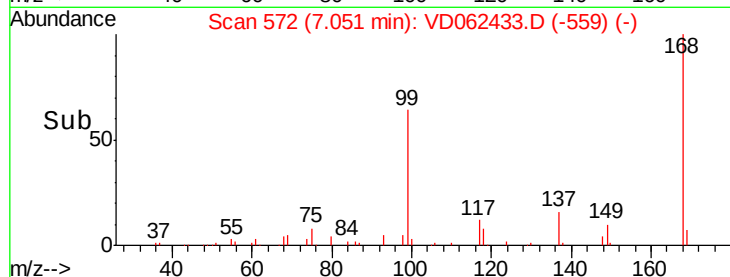
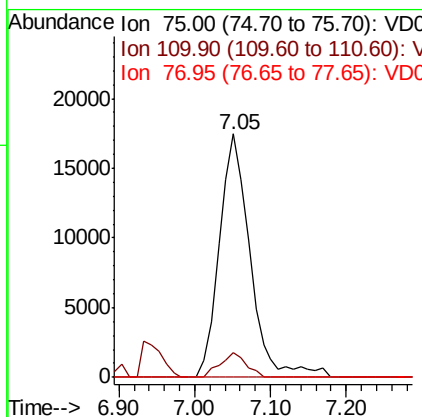
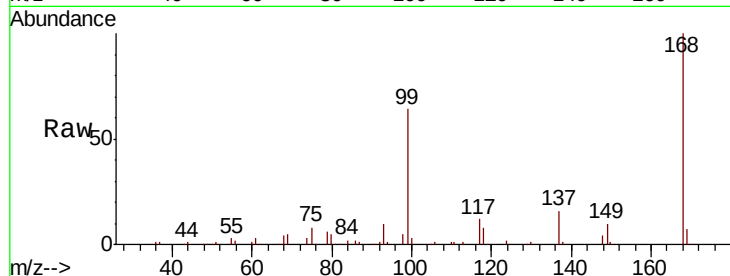




#36
 1,1-Dichloropropene
 Concen: 7.206 ug/l
 RT: 7.05 min Scan# 572
 Delta R.T. -0.07 min
 Lab File: VD062433.D
 Acq: 17 May 2019 12:10

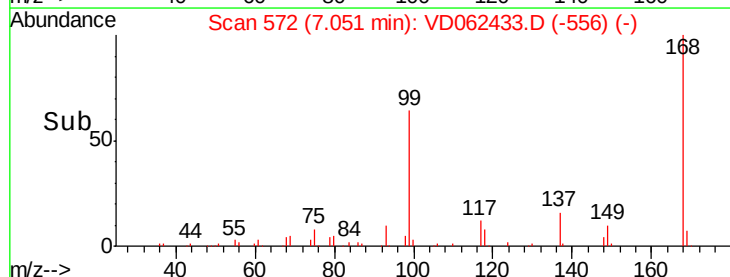
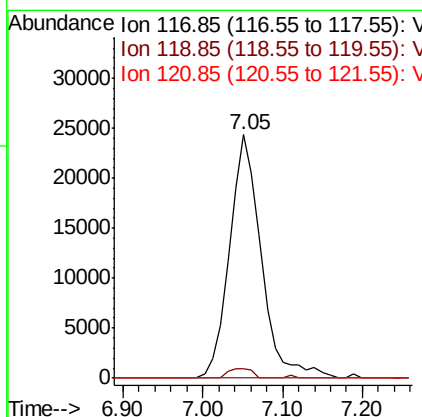
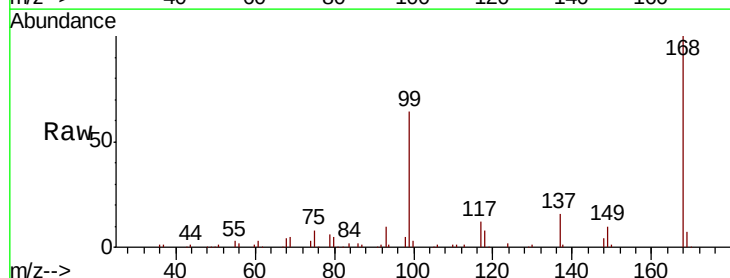
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0517SBL01

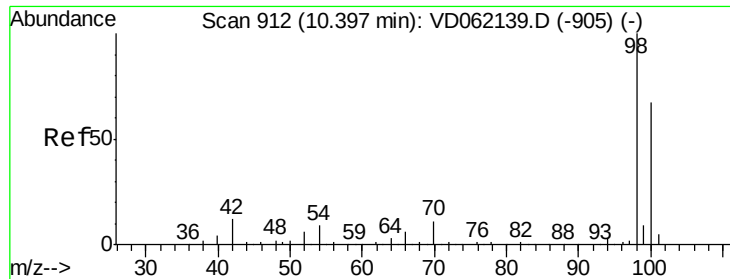
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.1	19.1	57.1#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 7.135 ug/l
 RT: 7.05 min Scan# 572
 Delta R.T. -0.04 min
 Lab File: VD062433.D
 Acq: 17 May 2019 12:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.1	75.8	113.8#
121	0.0	25.9	38.9#

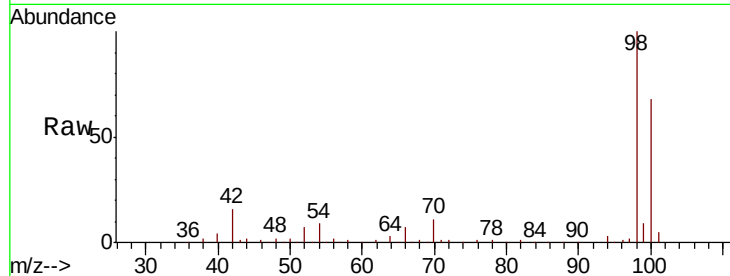




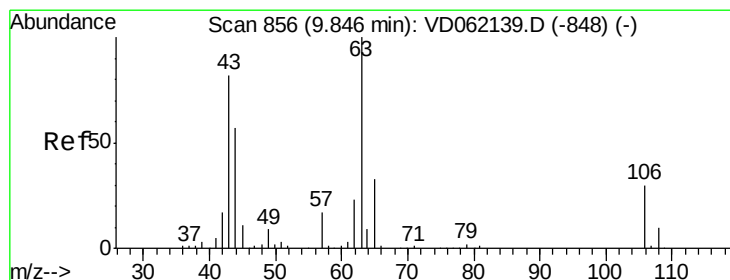
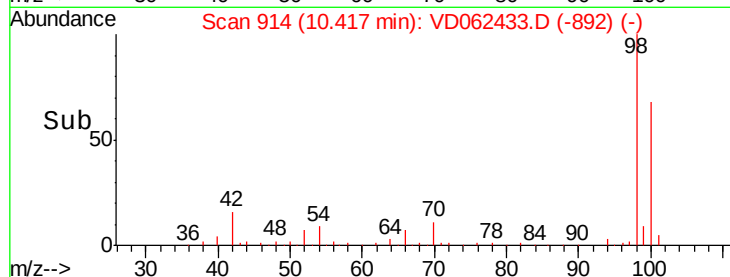
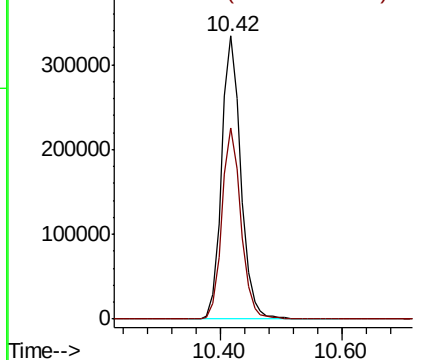
#50
Toluene-d8
Concen: 43.961 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD062433.D
Acq: 17 May 2019 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBL01

Tgt Ion: 98 Resp: 733104
Ion Ratio Lower Upper
98 100
100 67.7 53.8 80.8

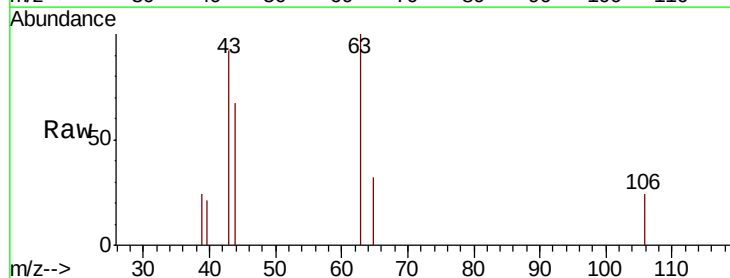


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

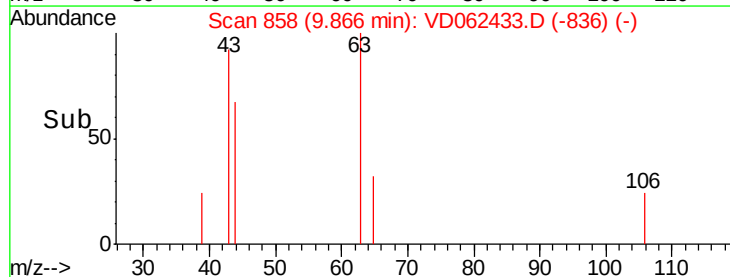
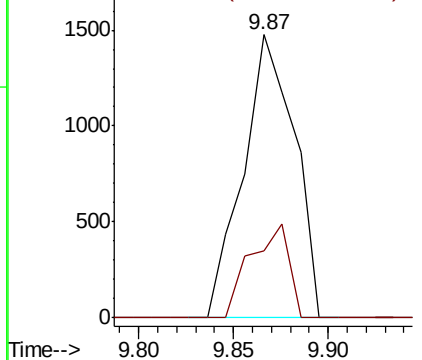


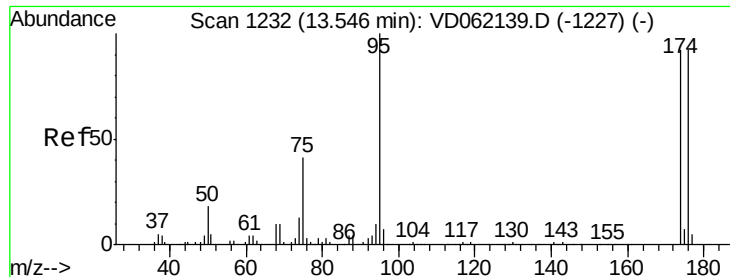
#58
2-Chloroethyl Vinyl ether
Concen: 1.378 ug/l
RT: 9.87 min Scan# 858
Delta R.T. 0.02 min
Lab File: VD062433.D
Acq: 17 May 2019 12:10

Tgt Ion: 63 Resp: 2779
Ion Ratio Lower Upper
63 100
106 23.7 22.6 34.0



Abundance Ion 62.95 (62.65 to 63.65): VD0
Ion 105.95 (105.65 to 106.65): V

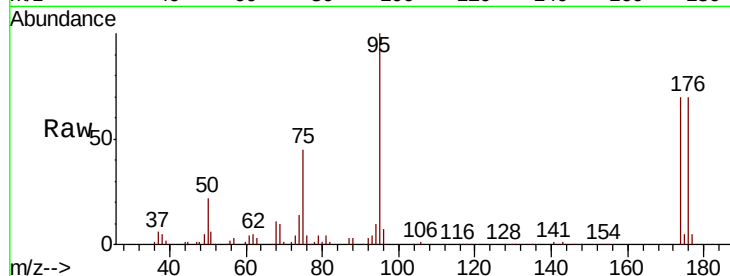




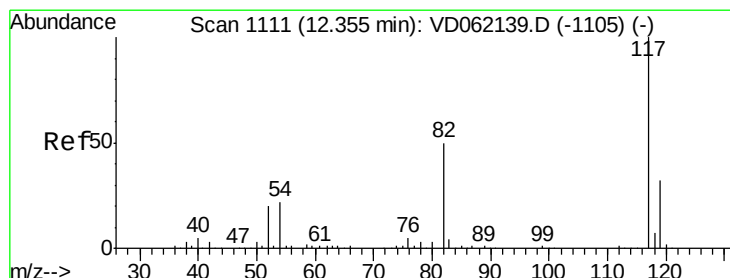
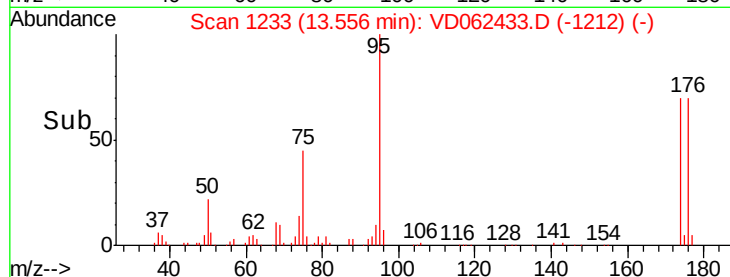
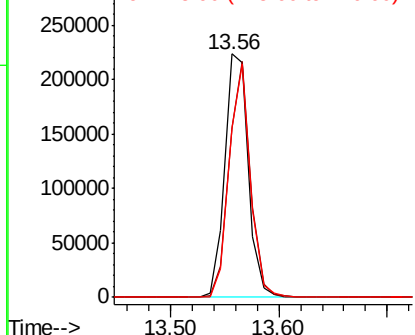
#62
 4-Bromofluorobenzene
 Concen: 50.556 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: VD062433.D
 Acq: 17 May 2019 12:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0517SBL01

Tgt Ion: 95 Resp: 338547
 Ion Ratio Lower Upper
 95 100
 174 69.6 0.0 181.8
 176 69.6 0.0 174.4

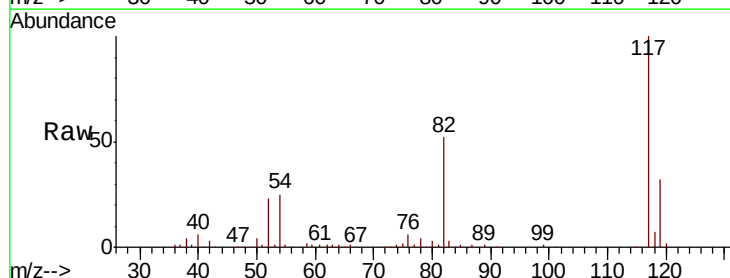


Abundance Ion 95.00 (94.70 to 95.70): V
 Ion 173.90 (173.60 to 174.60): V
 Ion 175.90 (175.60 to 176.60): V

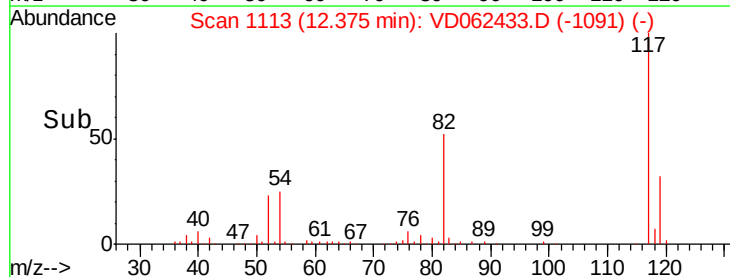
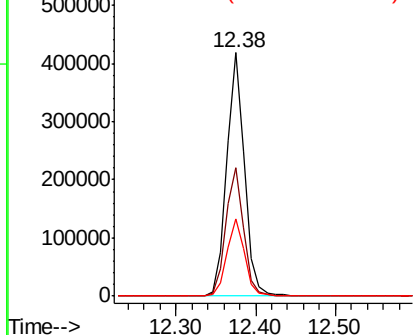


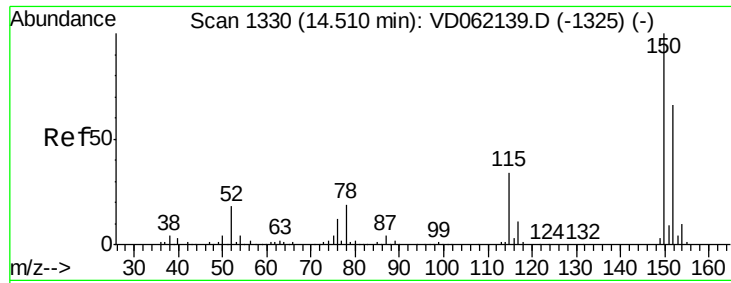
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.38 min Scan# 1113
 Delta R.T. 0.02 min
 Lab File: VD062433.D
 Acq: 17 May 2019 12:10

Tgt Ion: 117 Resp: 656175
 Ion Ratio Lower Upper
 117 100
 82 52.5 36.2 54.2
 119 31.9 26.2 39.4



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# 1331

Delta R.T. 0.01 min

Lab File: VD062433.D

Acq: 17 May 2019 12:10

Instrument :

MSVOA_D

ClientSampleId :

VD0517SBL01

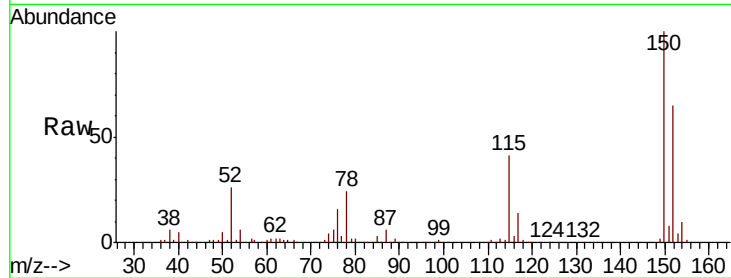
Tgt Ion:152 Resp: 391471

Ion Ratio Lower Upper

152 100

115 62.8 30.9 92.7

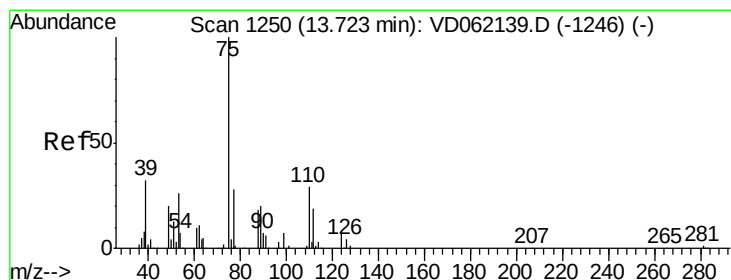
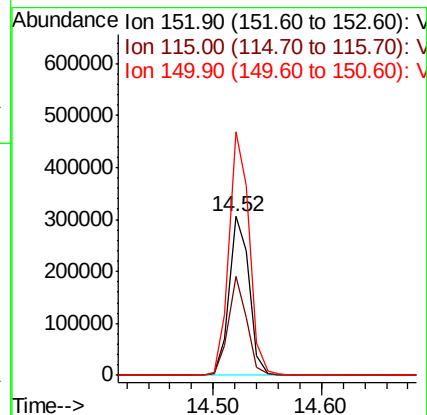
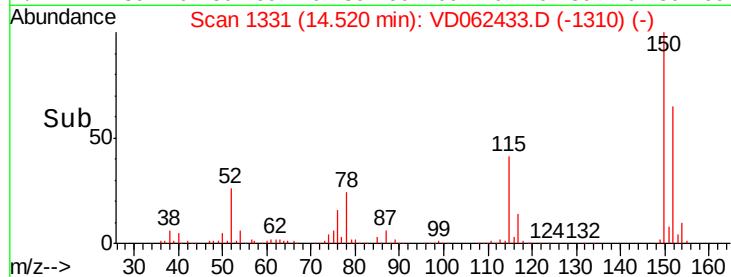
150 153.6 0.0 314.8



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



#76

1,2,3-Trichloropropane

Concen: 27.316 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.17 min

Lab File: VD062433.D

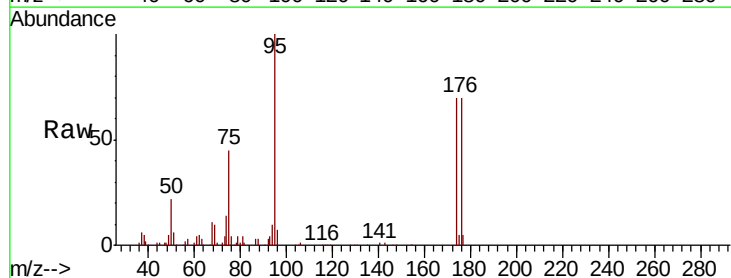
Acq: 17 May 2019 12:10

Tgt Ion: 75 Resp: 127082

Ion Ratio Lower Upper

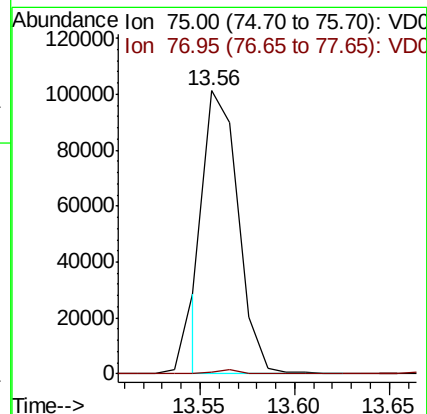
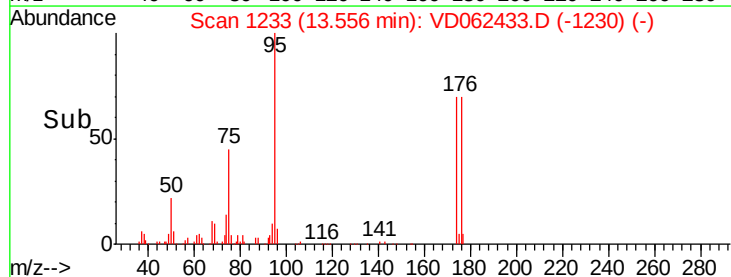
75 100

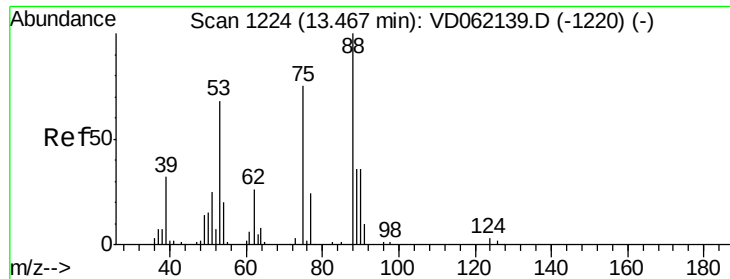
77 0.8 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 76.95 (76.65 to 77.65): V





#81

trans-1,4-Dichloro-2-butene

Concen: 110.381 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062433.D

Acq: 17 May 2019 12:10

Instrument :

MSVOA_D

ClientSampleId :

VD0517SBL01

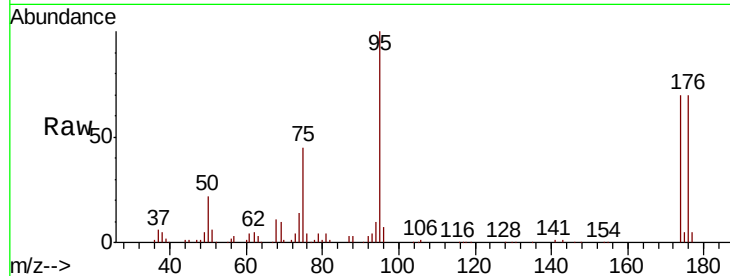
Tgt Ion: 75 Resp: 144972

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

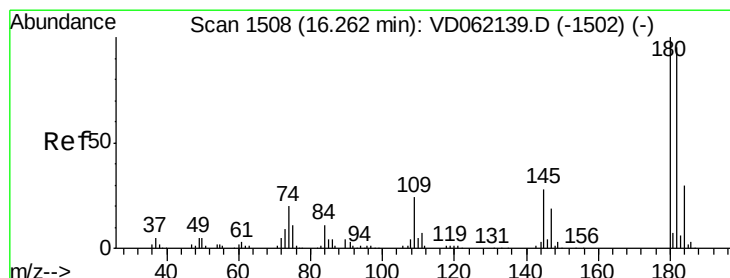
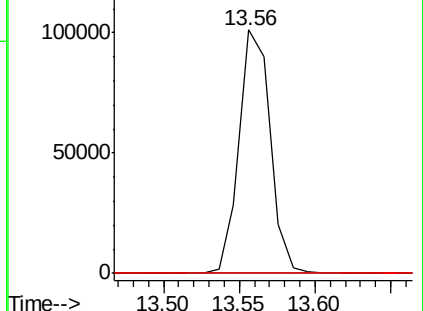
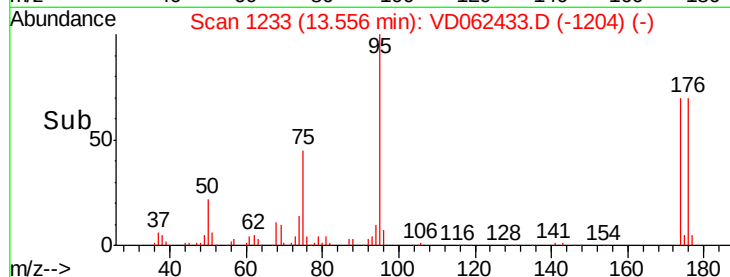
89 0.0 35.0 52.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC



#96

1,2,3-Trichlorobenzene

Concen: 1.045 ug/l

RT: 16.27 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VD062433.D

Acq: 17 May 2019 12:10

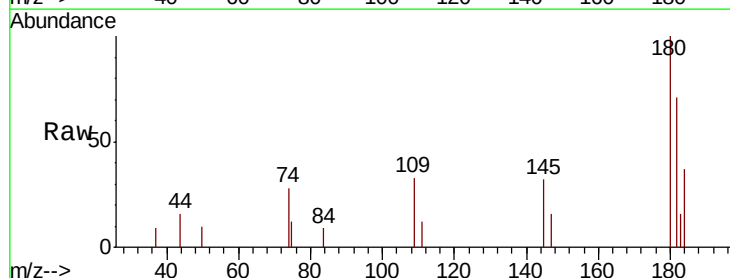
Tgt Ion: 180 Resp: 4725

Ion Ratio Lower Upper

180 100

182 70.8 47.0 141.0

145 31.7 17.0 51.0



Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

