

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080519\
 Data File : VD063388.D
 Acq On : 5 Aug 2019 18:39
 Operator : VA/AP
 Sample : K4153-01
 Misc : 6.72g/5ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-4221

Quant Time: Aug 06 07:51:51 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	16614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	25538	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	24183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	15080	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.44	65	12946	70.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	140.46%	
35) Dibromofluoromethane	6.92	113	10278	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	
50) Toluene-d8	10.40	98	20973	42.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.96%	
62) 4-Bromofluorobenzene	13.55	95	9821	44.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.34%	

Target Compounds

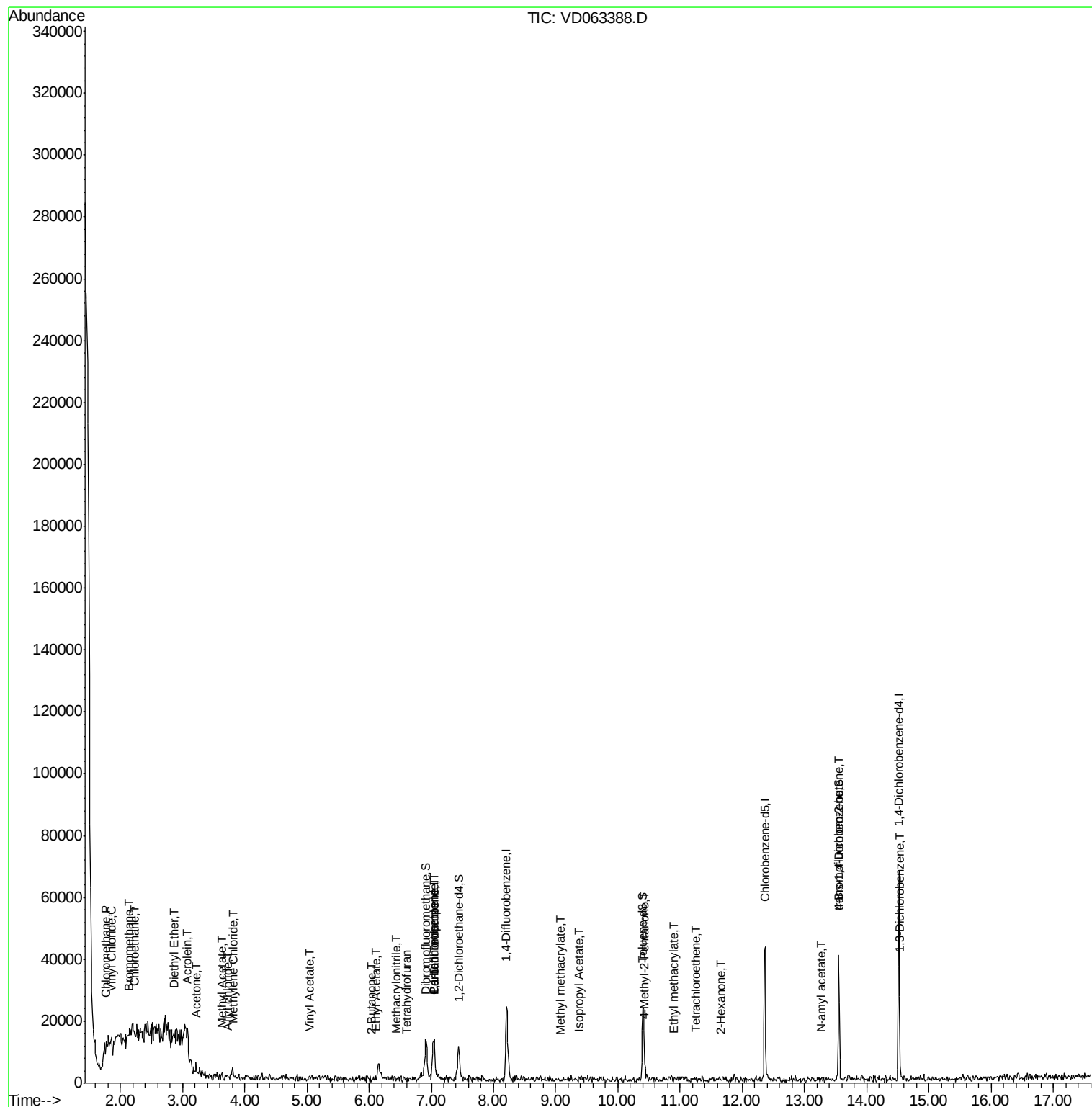
						Qvalue
3) Chloromethane	1.76	50	818	5.184	ug/l #	46
4) Vinyl Chloride	1.85	62	386	2.363	ug/l #	45
5) Bromomethane	2.13	94	1009	12.248	ug/l #	12
6) Chloroethane	2.23	64	630	8.354	ug/l #	58
8) Diethyl Ether	2.86	74	240	5.412	ug/l	98
13) Acrolein	3.09	56	239	30.696	ug/l	92
14) Allyl chloride	3.73	41	223	1.086	ug/l #	80
16) Acetone	3.22	43	1354	37.697	ug/l #	62
18) Methyl Acetate	3.63	43	178	2.580	ug/l #	60
20) Methylene Chloride	3.81	84	730	5.028	ug/l #	88
23) Vinyl Acetate	5.06	43	257	1.019	ug/l #	82
25) 2-Butanone	6.04	43	205	5.687	ug/l #	56
29) Tetrahydrofuran	6.60	42	222	13.008	ug/l #	33
36) 1,1-Dichloropropene	7.04	75	743	3.188	ug/l #	44
37) Ethyl Acetate	6.11	43	211	2.015	ug/l #	70
38) Carbon Tetrachloride	7.04	117	1362	3.882	ug/l #	11
41) Methacrylonitrile	6.43	41	197	1.573	ug/l #	40
43) Isopropyl Acetate	9.38	43	285	2.131	ug/l #	49
48) Methyl methacrylate	9.07	41	195	2.248	ug/l #	14
51) 4-Methyl-2-Pentanone	10.44	43	218	2.397	ug/l #	42
56) Ethyl methacrylate	10.91	69	185	1.540	ug/l #	13
59) 2-Hexanone	11.65	43	321	4.897	ug/l #	31
64) Tetrachloroethene	11.25	164	234	1.215	ug/l #	1
74) N-amyl acetate	13.27	43	308	1.231	ug/l #	53
81) trans-1,4-Dichloro-2-buten	13.55	75	6216	123.588	ug/l #	3
87) 1,3-Dichlorobenzene	14.54	146	478	1.001	ug/l #	25

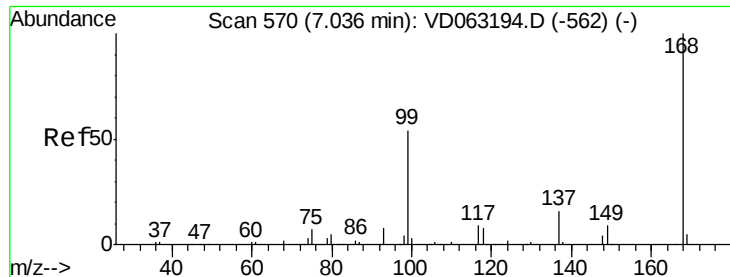
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD063388.D

Acq: 5 Aug 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

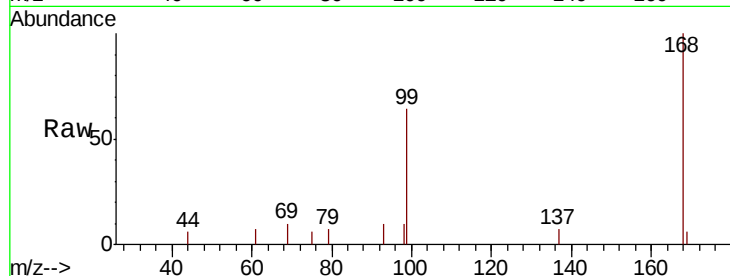
RT-4221

Tgt Ion:168 Resp: 16614

Ion Ratio Lower Upper

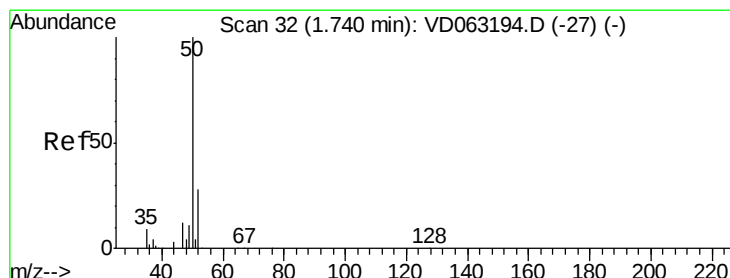
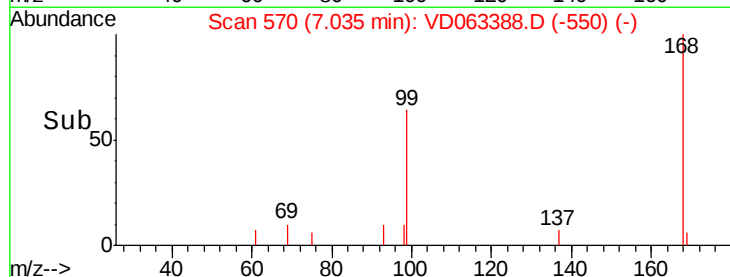
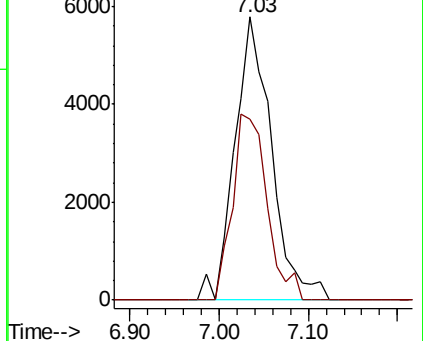
168 100

99 64.0 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#3

Chloromethane

Concen: 5.184 ug/l

RT: 1.76 min Scan# 34

Delta R.T. 0.02 min

Lab File: VD063388.D

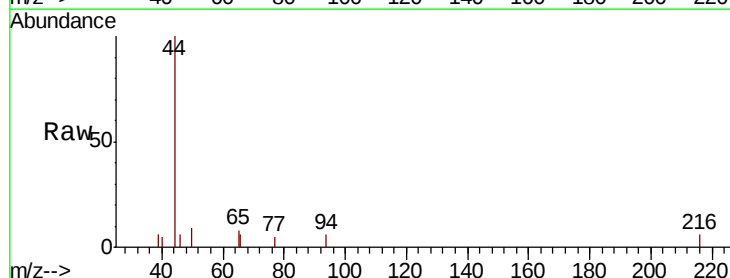
Acq: 5 Aug 2019 18:39

Tgt Ion: 50 Resp: 818

Ion Ratio Lower Upper

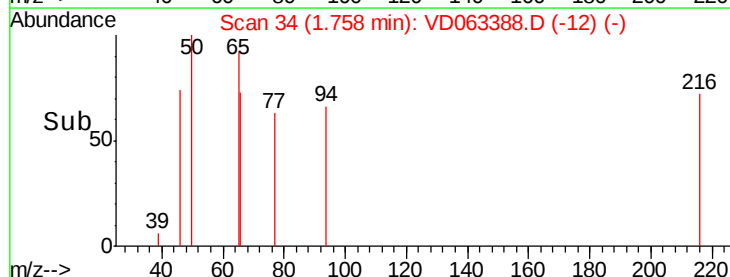
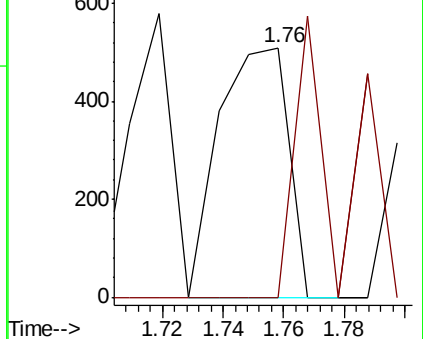
50 100

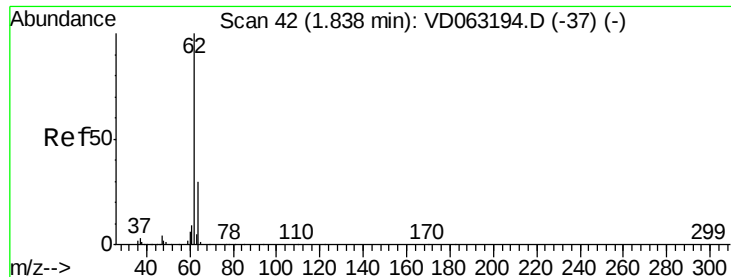
52 0.0 22.6 34.0#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#4

Vinyl Chloride

Concen: 2.363 ug/l

RT: 1.85 min Scan# 43

Delta R.T. 0.01 min

Lab File: VD063388.D

Acq: 5 Aug 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

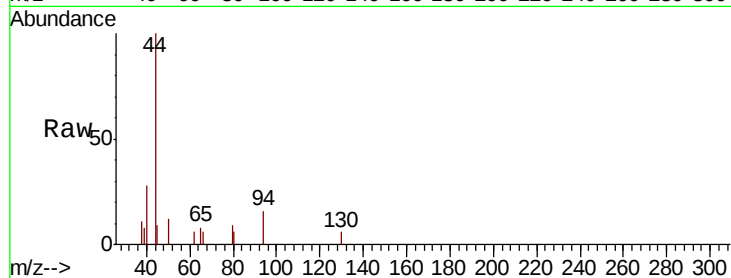
RT-4221

Tgt Ion: 62 Resp: 386

Ion Ratio Lower Upper

62 100

64 0.0 24.1 36.1#



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

500

400

300

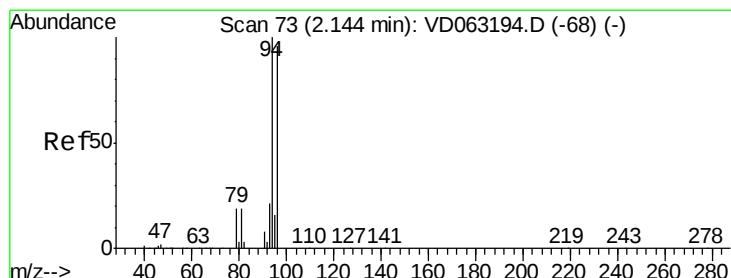
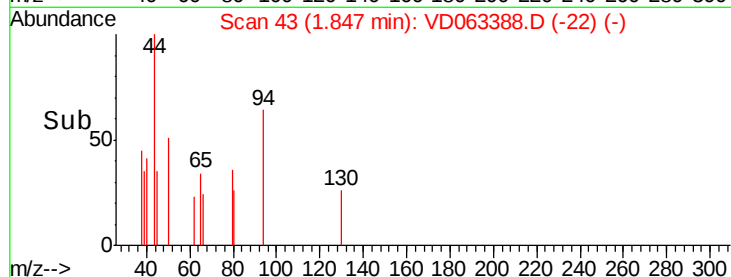
200

100

0

1.82 1.84 1.86 1.88

Time-->



#5

Bromomethane

Concen: 12.248 ug/l

RT: 2.13 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD063388.D

Acq: 5 Aug 2019 18:39

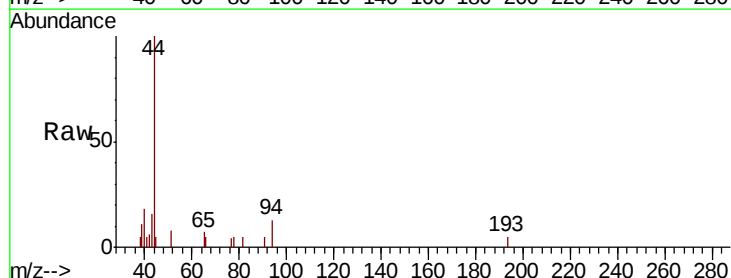
Tgt Ion: 94 Resp: 1009

Ion Ratio Lower Upper

94 100

96 0.0 76.4 114.6#

93 0.0 17.3 25.9#



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

1500

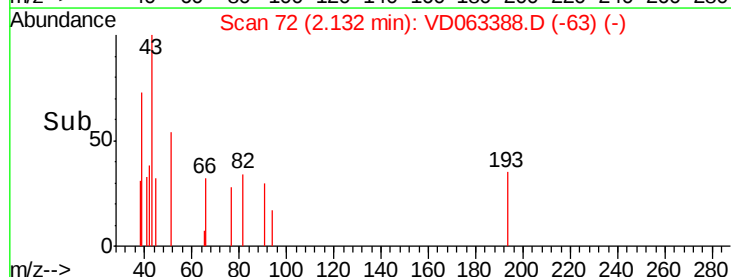
1000

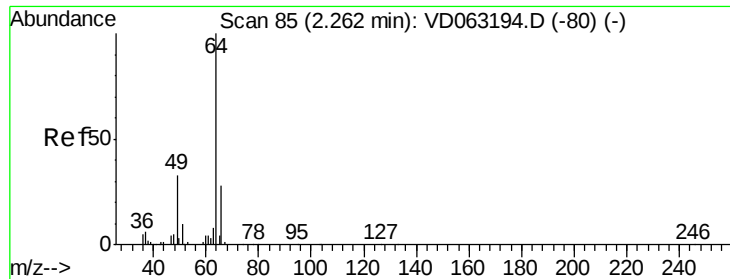
500

0

2.12 2.14 2.16

Time-->





#6

Chloroethane

Concen: 8.354 ug/l

RT: 2.23 min Scan# 82

Delta R.T. -0.03 min

Lab File: VD063388.D

Acq: 5 Aug 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

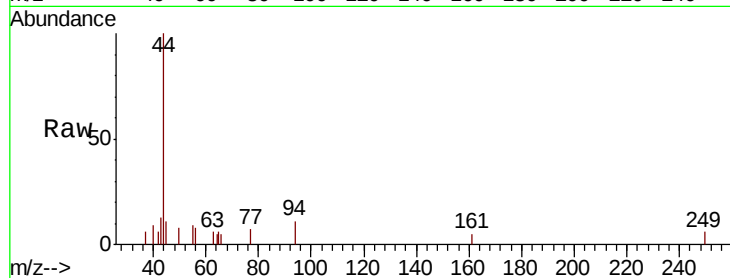
RT-4221

Tgt Ion: 64 Resp: 630

Ion Ratio Lower Upper

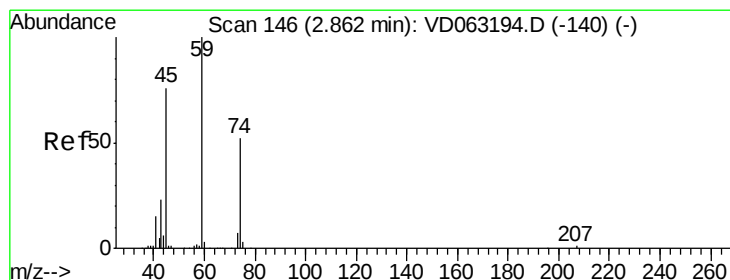
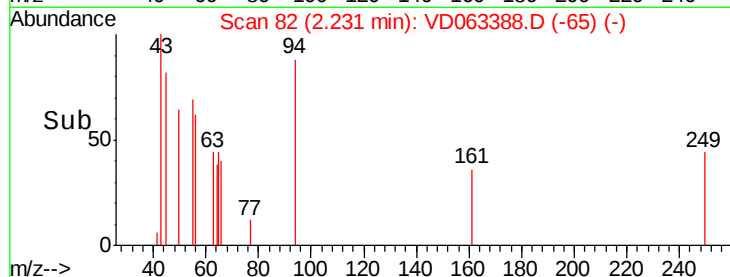
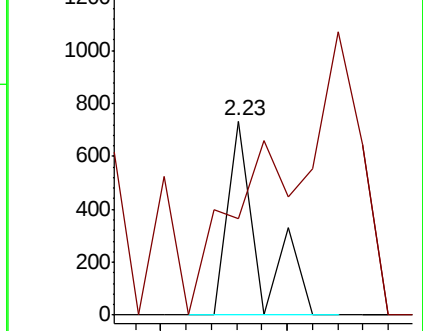
64 100

66 49.5 22.2 33.2#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



#8

Diethyl Ether

Concen: 5.412 ug/l

RT: 2.86 min Scan# 146

Delta R.T. -0.00 min

Lab File: VD063388.D

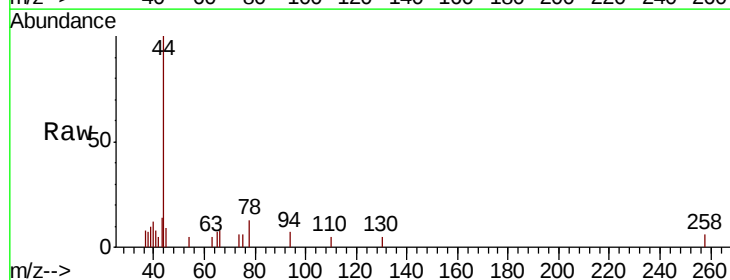
Acq: 5 Aug 2019 18:39

Tgt Ion: 74 Resp: 240

Ion Ratio Lower Upper

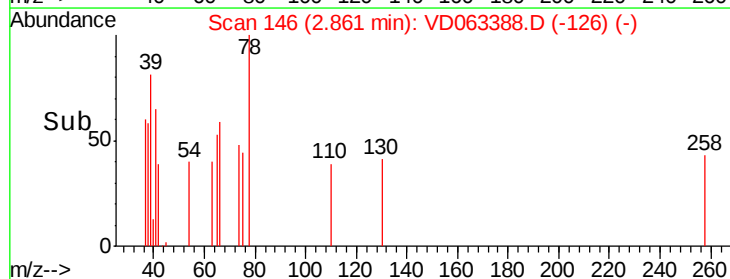
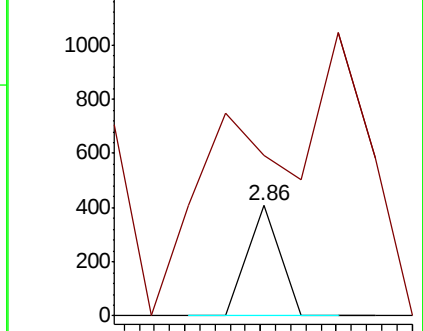
74 100

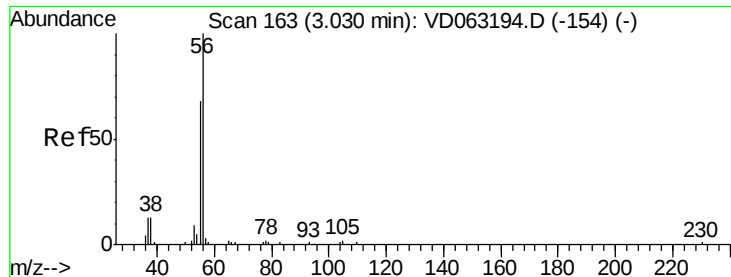
45 145.2 73.6 220.8



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC





#13

Acrolein

Concen: 30.696 ug/l

RT: 3.09 min Scan# 169

Delta R.T. 0.06 min

Lab File: VD063388.D

Acq: 5 Aug 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

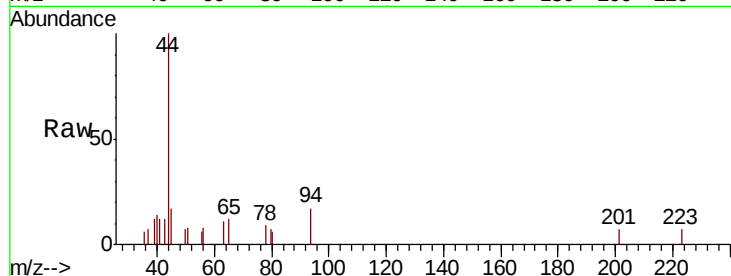
RT-4221

Tgt Ion: 56 Resp: 239

Ion Ratio Lower Upper

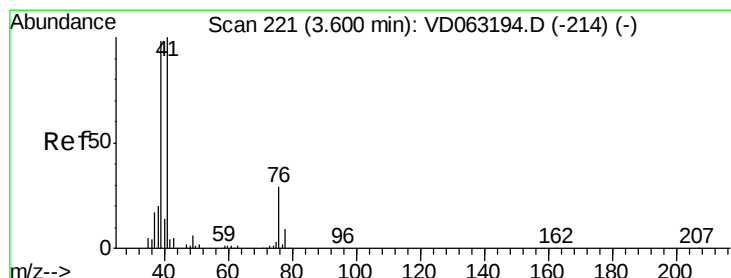
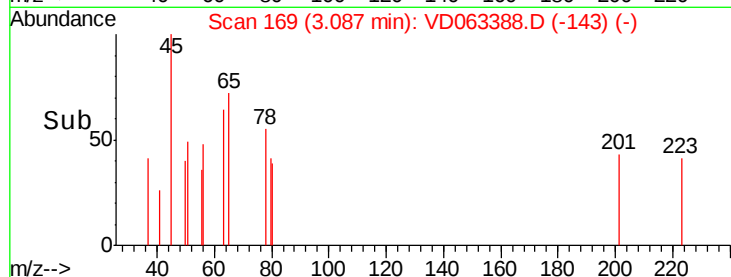
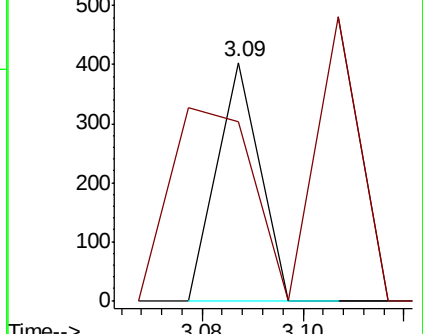
56 100

55 75.2 55.3 82.9



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 1.086 ug/l

RT: 3.73 min Scan# 234

Delta R.T. 0.13 min

Lab File: VD063388.D

Acq: 5 Aug 2019 18:39

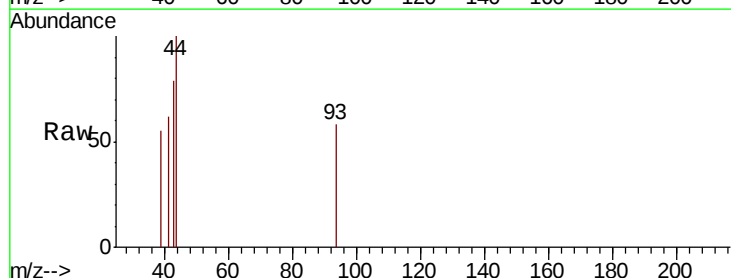
Tgt Ion: 41 Resp: 223

Ion Ratio Lower Upper

41 100

39 89.4 78.6 117.8

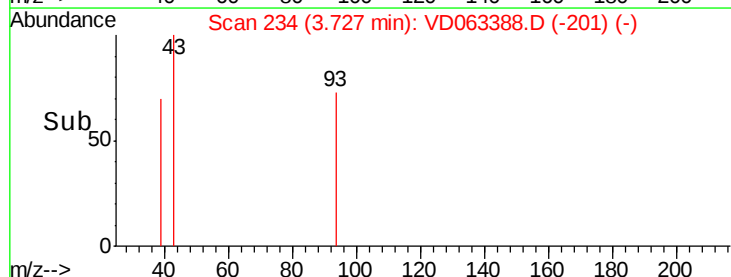
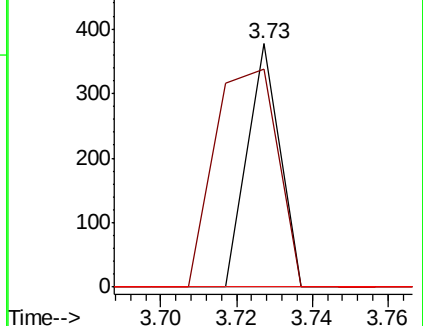
76 0.0 24.5 36.7#

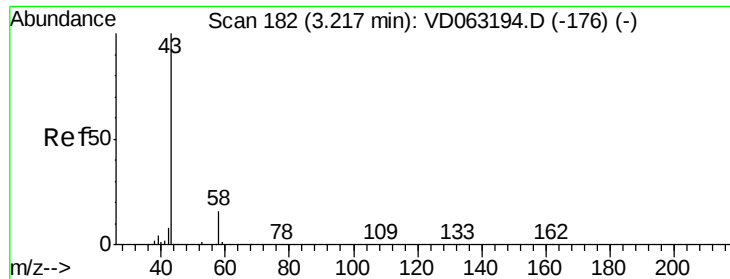


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#16

Acetone

Concen: 37.697 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD063388.D

Acq: 5 Aug 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

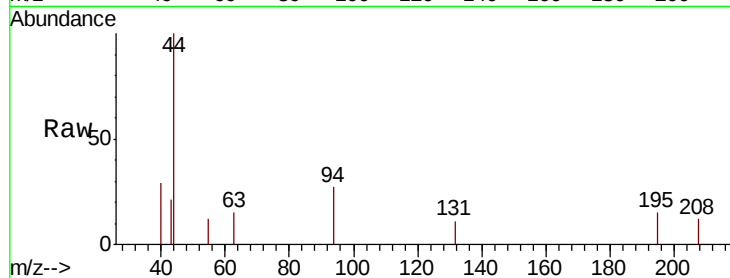
RT-4221

Tgt Ion: 43 Resp: 1354

Ion Ratio Lower Upper

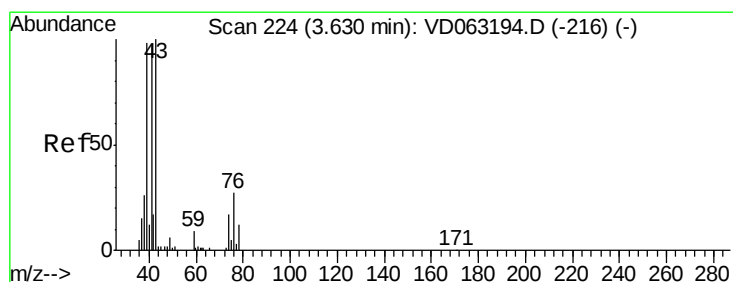
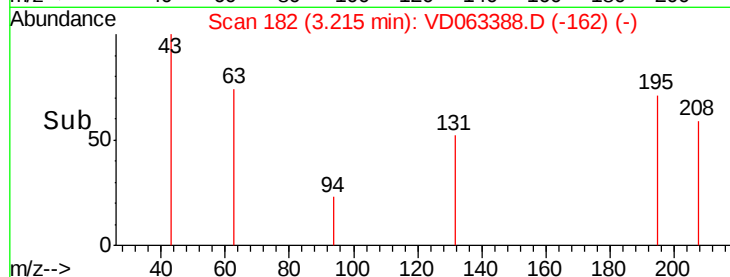
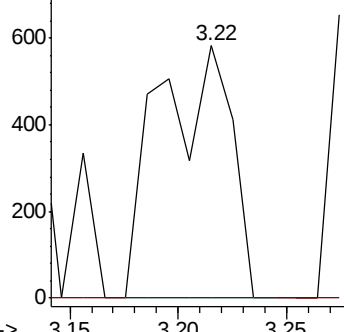
43 100

58 0.0 13.0 19.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#18

Methyl Acetate

Concen: 2.580 ug/l

RT: 3.63 min Scan# 224

Delta R.T. -0.00 min

Lab File: VD063388.D

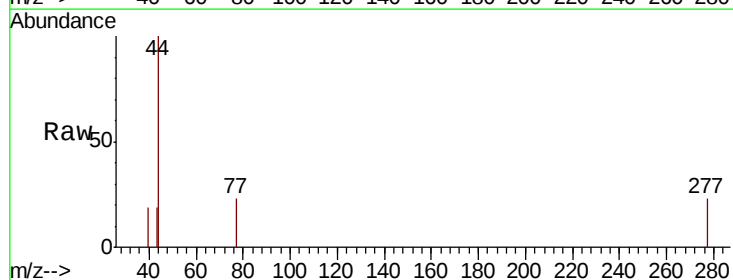
Acq: 5 Aug 2019 18:39

Tgt Ion: 43 Resp: 178

Ion Ratio Lower Upper

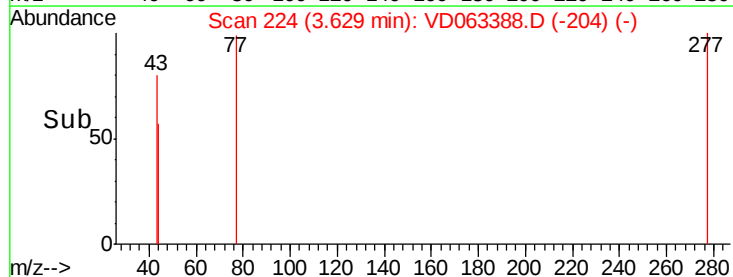
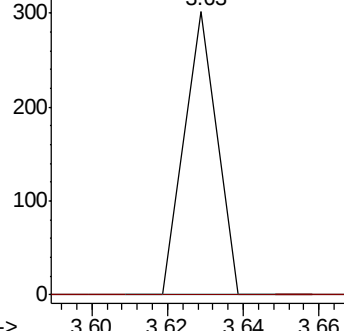
43 100

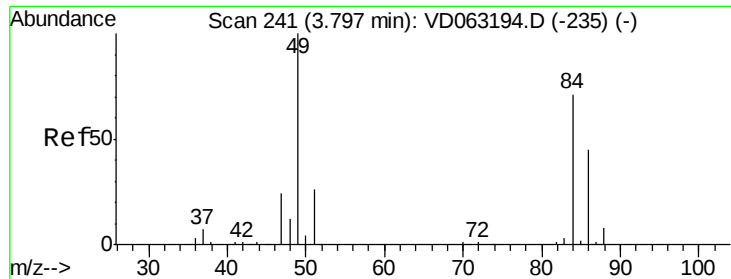
74 0.0 13.8 20.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC





#20

Methylene Chloride

Concen: 5.028 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD063388.D

Acq: 5 Aug 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

RT-4221

Tgt Ion: 84 Resp: 730

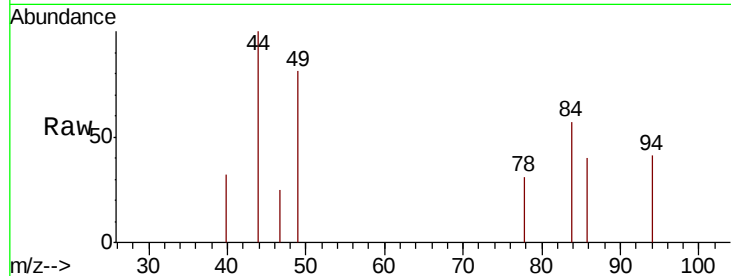
Ion Ratio Lower Upper

84 100

49 142.0 112.5 168.7

51 0.0 29.6 44.4#

86 69.1 50.4 75.6

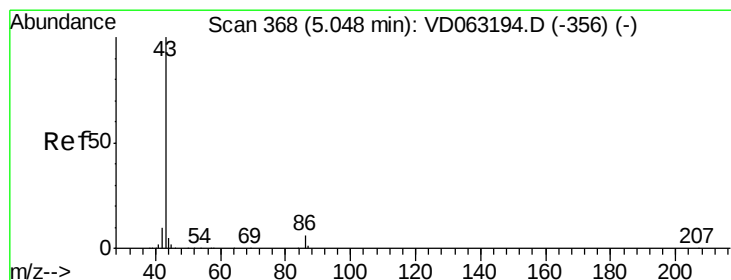
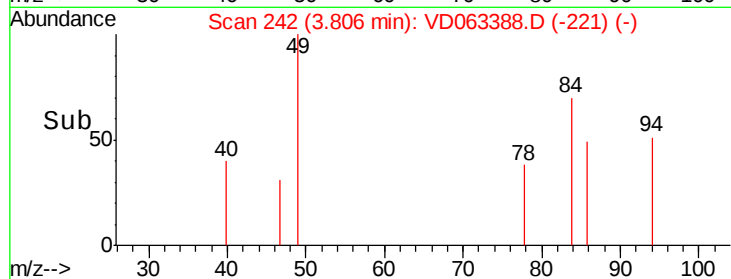
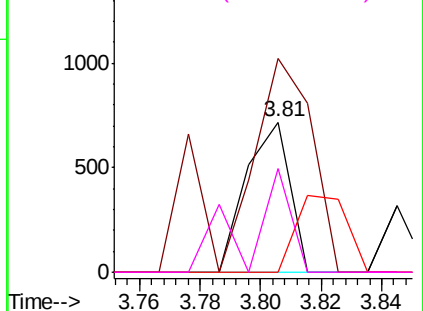


Abundance Ion 83.95 (83.65 to 84.65): VDC

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



#23

Vinyl Acetate

Concen: 1.019 ug/l

RT: 5.06 min Scan# 369

Delta R.T. 0.01 min

Lab File: VD063388.D

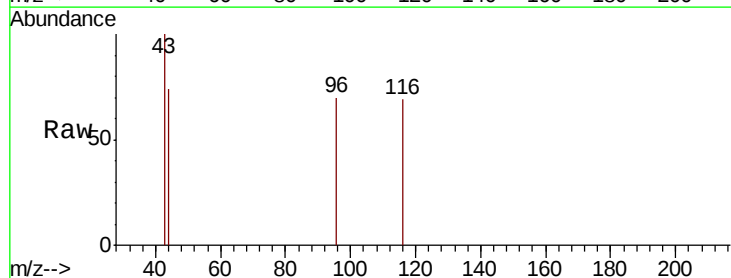
Acq: 5 Aug 2019 18:39

Tgt Ion: 43 Resp: 257

Ion Ratio Lower Upper

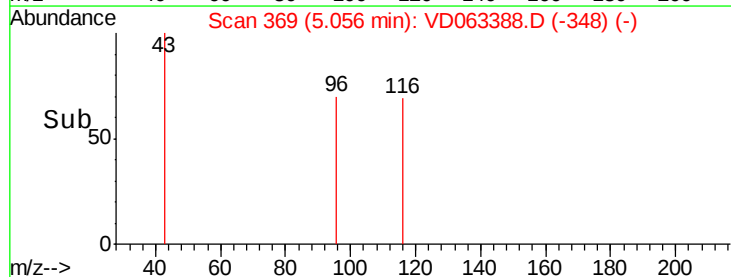
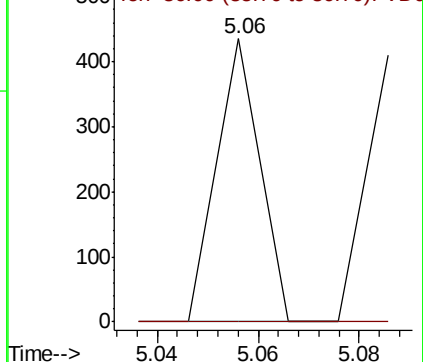
43 100

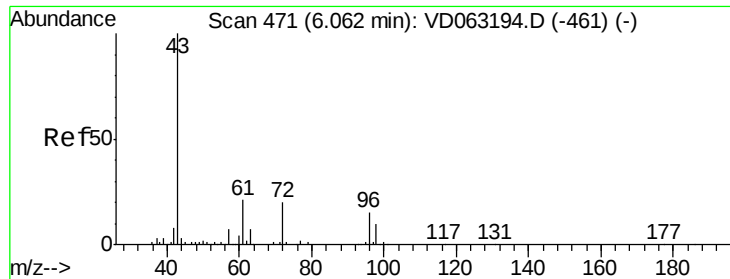
86 0.0 4.9 7.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC





#25

2-Butanone

Concen: 5.687 ug/l

RT: 6.04 min Scan# 469

Delta R.T. -0.02 min

Lab File: VD063388.D

Acq: 5 Aug 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

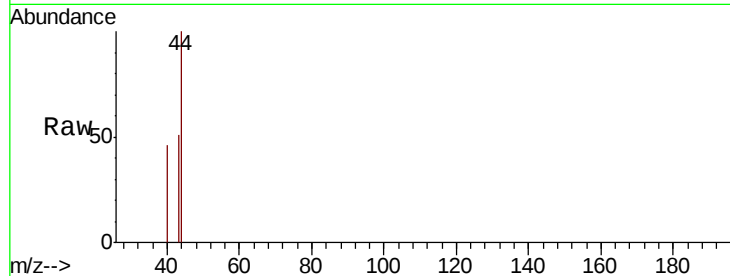
RT-4221

Tgt Ion: 43 Resp: 205

Ion Ratio Lower Upper

43 100

72 0.0 16.3 24.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

6.04

300

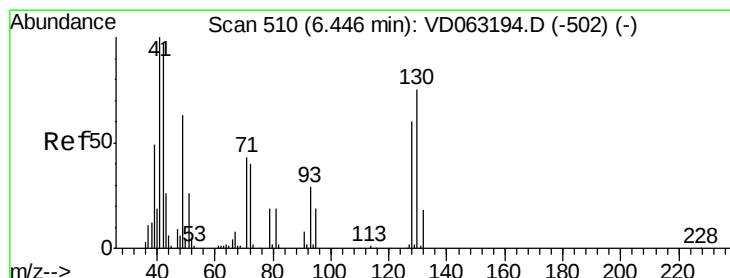
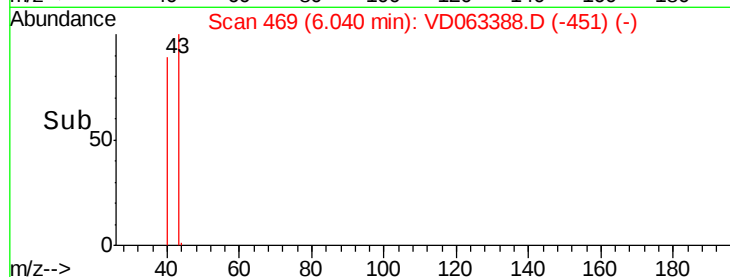
200

100

0

6.02 6.04 6.06

Time-->



#29

Tetrahydrofuran

Concen: 13.008 ug/l

RT: 6.60 min Scan# 526

Delta R.T. 0.16 min

Lab File: VD063388.D

Acq: 5 Aug 2019 18:39

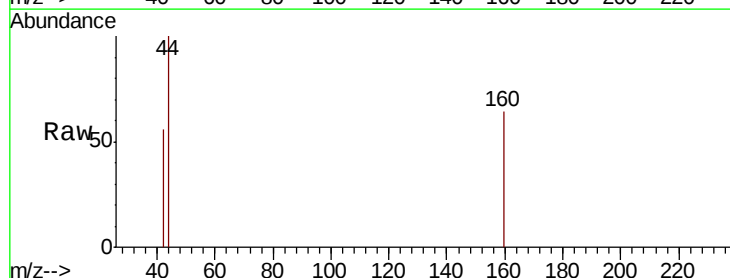
Tgt Ion: 42 Resp: 222

Ion Ratio Lower Upper

42 100

72 0.0 33.4 50.2#

71 0.0 35.7 53.5#



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

6.60

500

400

300

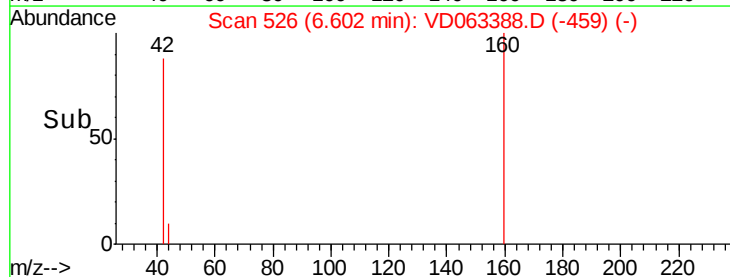
200

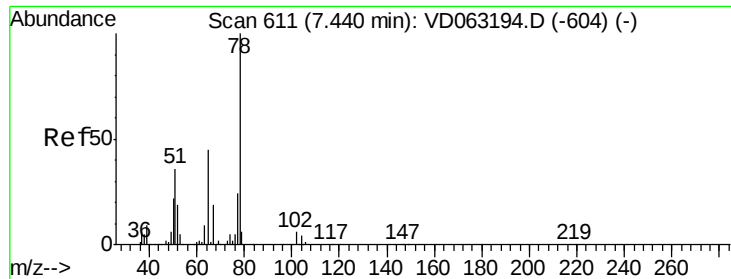
100

0

6.58 6.60 6.62

Time-->





#33

1,2-Dichloroethane-d4

Concen: 70.226 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.00 min

Lab File: VD063388.D

Acq: 5 Aug 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

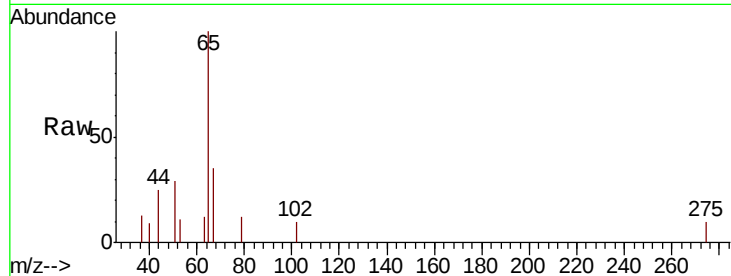
RT-4221

Tgt Ion: 65 Resp: 12946

Ion Ratio Lower Upper

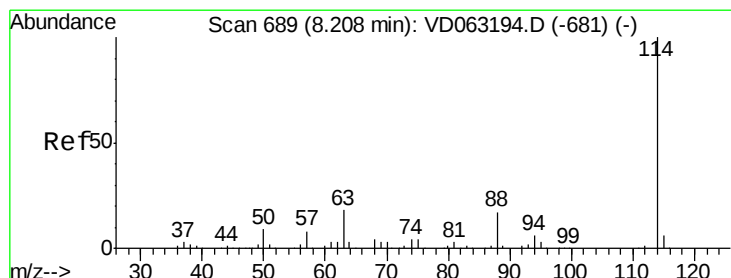
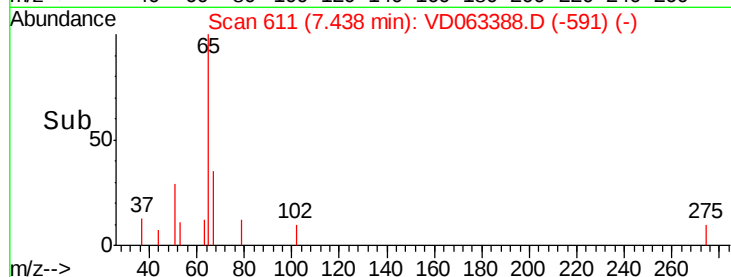
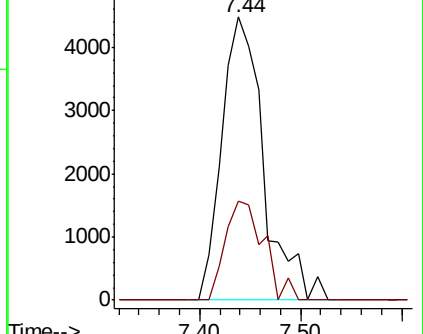
65 100

67 34.9 0.0 85.8



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: 8.21 min Scan# 689

Delta R.T. -0.00 min

Lab File: VD063388.D

Acq: 5 Aug 2019 18:39

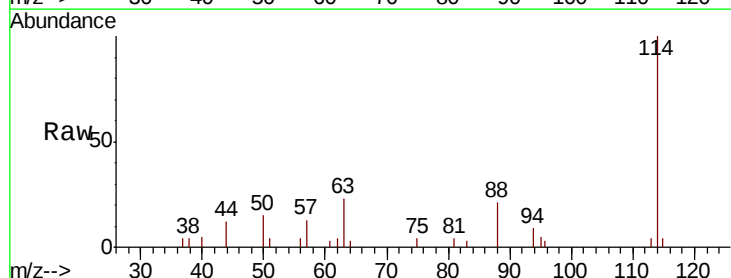
Tgt Ion: 114 Resp: 25538

Ion Ratio Lower Upper

114 100

63 23.4 0.0 35.2

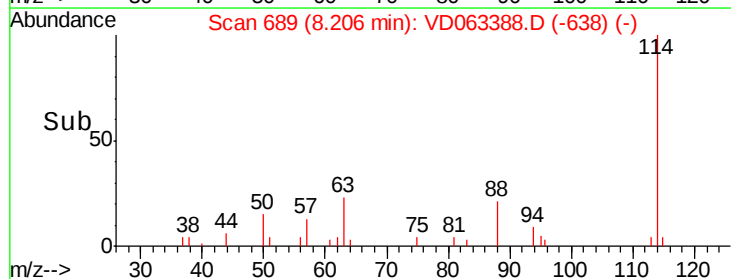
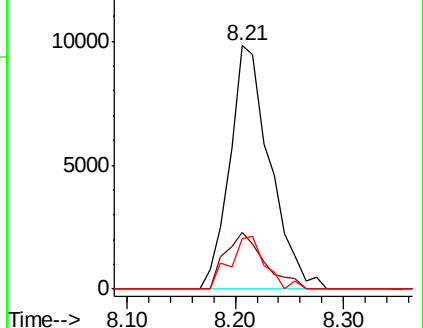
88 20.7 0.0 34.6

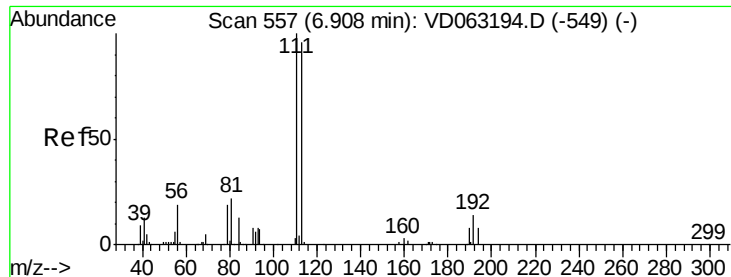


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 47.138 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063388.D

Acq: 5 Aug 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

RT-4221

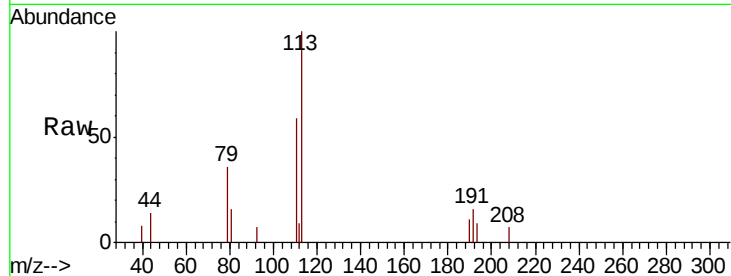
Tgt Ion:113 Resp: 10278

Ion Ratio Lower Upper

113 100

111 59.5 83.2 124.8#

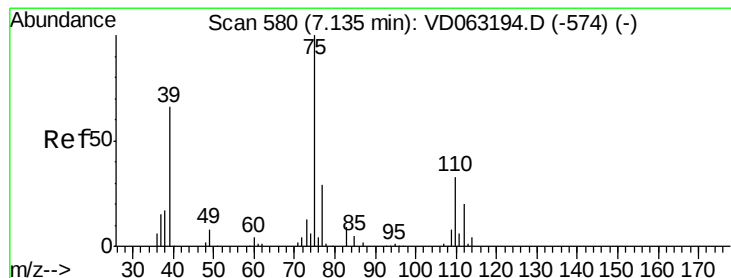
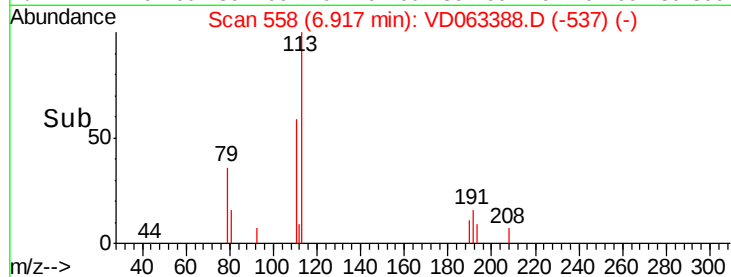
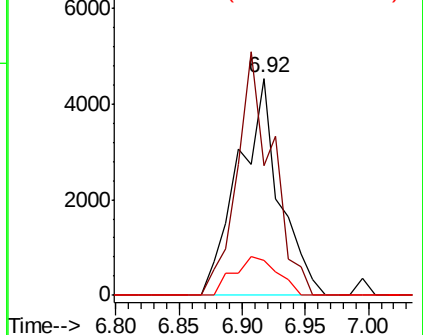
192 15.9 11.8 17.8



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: 3.188 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.09 min

Lab File: VD063388.D

Acq: 5 Aug 2019 18:39

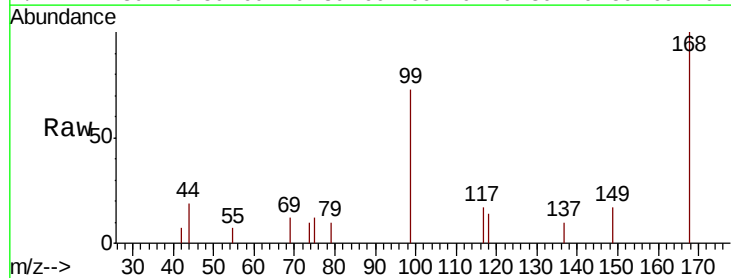
Tgt Ion: 75 Resp: 743

Ion Ratio Lower Upper

75 100

110 0.0 16.1 48.2#

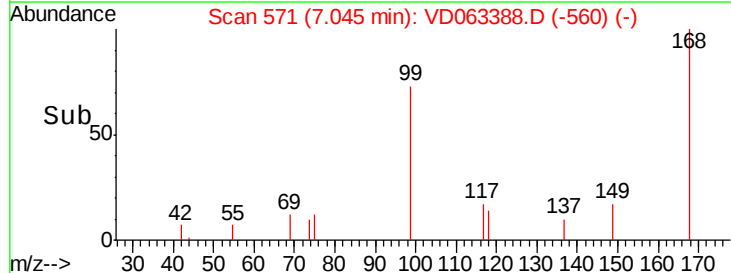
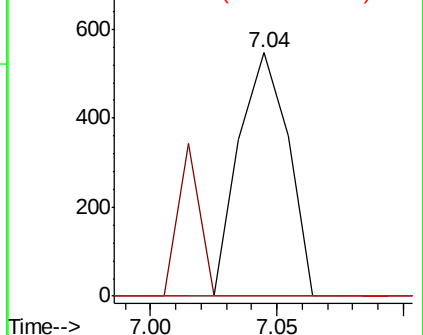
77 0.0 22.7 34.1#

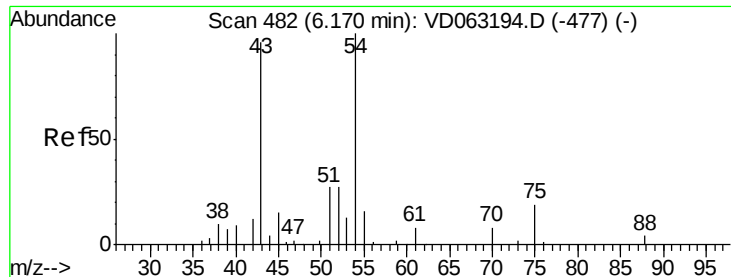


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

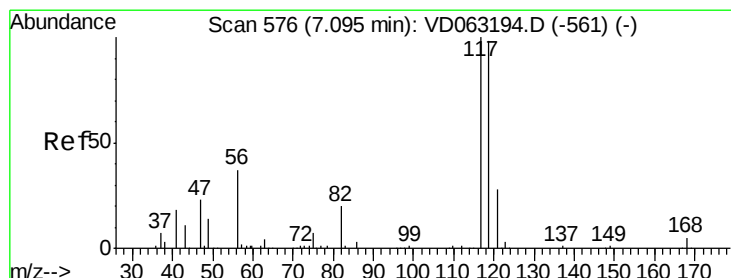
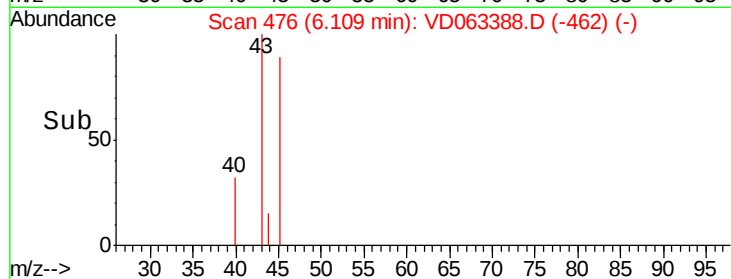
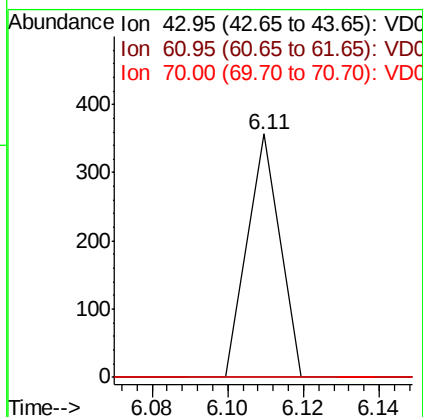
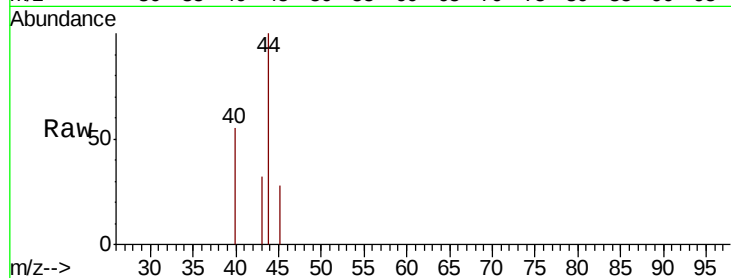




#37
Ethyl Acetate
Concen: 2.015 ug/l
RT: 6.11 min Scan# 476
Delta R.T. -0.06 min
Lab File: VD063388.D
Acq: 5 Aug 2019 18:39

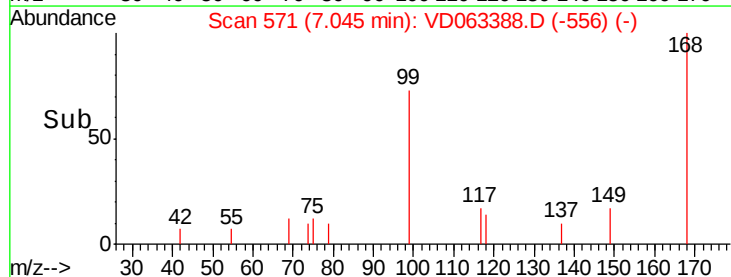
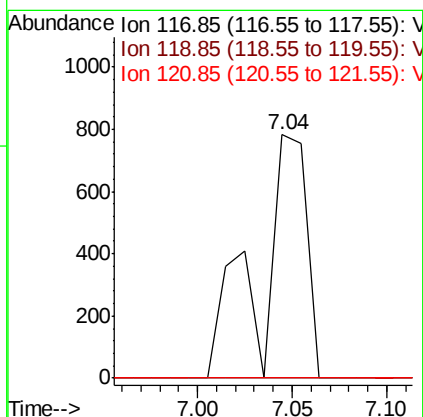
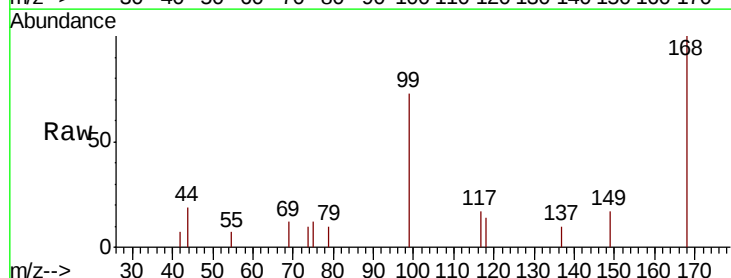
Instrument :
MSVOA_D
ClientSampleId :
RT-4221

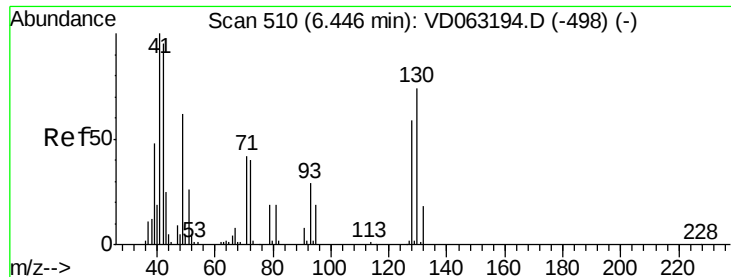
Tgt Ion: 43 Resp: 211
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 5.1 7.7#



#38
Carbon Tetrachloride
Concen: 3.882 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.05 min
Lab File: VD063388.D
Acq: 5 Aug 2019 18:39

Tgt Ion: 117 Resp: 1362
Ion Ratio Lower Upper
117 100
119 0.0 78.2 117.2#
121 0.0 22.1 33.1#





#41

Methacrylonitrile

Concen: 1.573 ug/l

RT: 6.43 min Scan# 509

Delta R.T. -0.01 min

Lab File: VD063388.D

Acq: 5 Aug 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

RT-4221

Tgt Ion: 41 Resp: 197

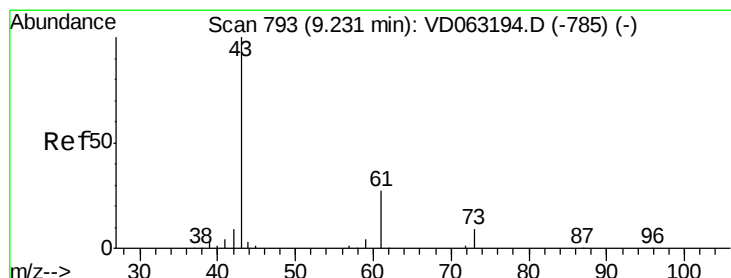
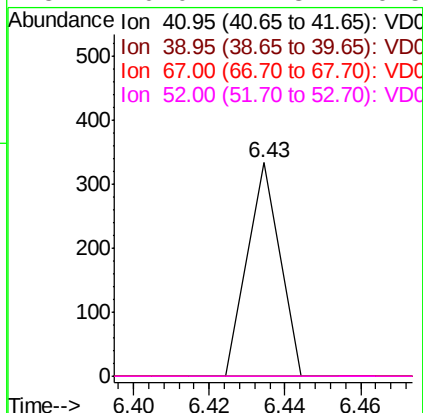
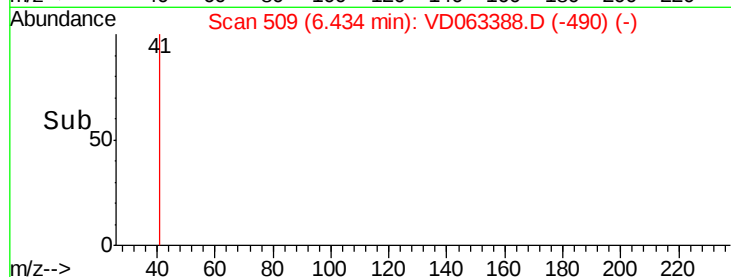
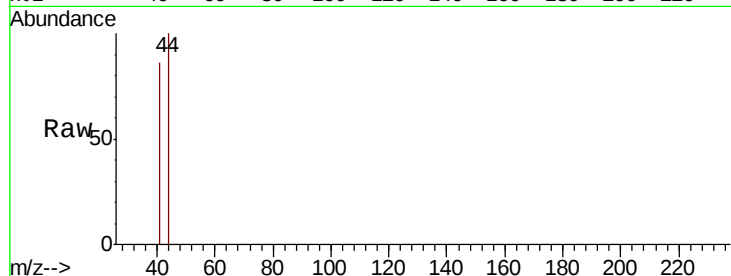
Ion Ratio Lower Upper

41 100

39 0.0 38.4 57.6#

67 0.0 6.7 10.1#

52 0.0 4.3 6.5#



#43

Isopropyl Acetate

Concen: 2.131 ug/l

RT: 9.38 min Scan# 808

Delta R.T. 0.15 min

Lab File: VD063388.D

Acq: 5 Aug 2019 18:39

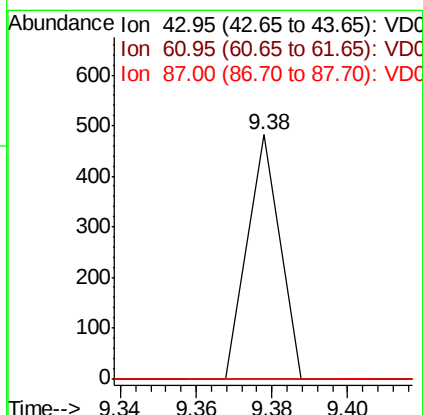
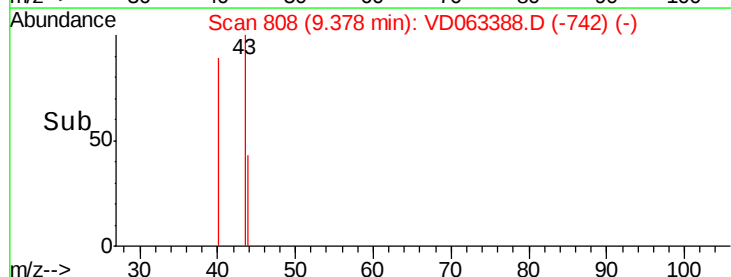
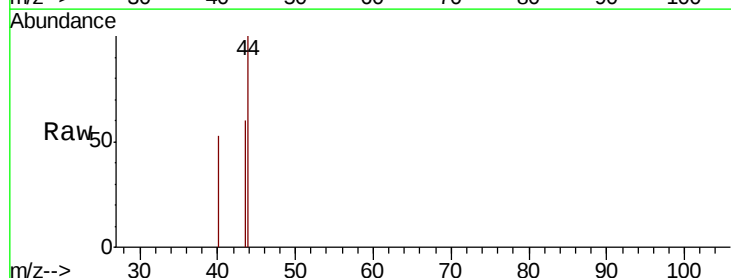
Tgt Ion: 43 Resp: 285

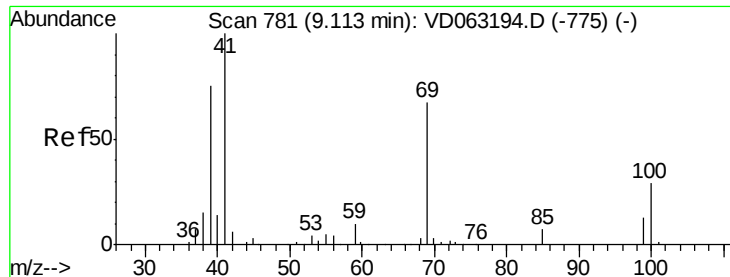
Ion Ratio Lower Upper

43 100

61 0.0 21.4 32.0#

87 0.0 0.2 0.4#





#48

Methyl methacrylate

Concen: 2.248 ug/l

RT: 9.07 min Scan# 777

Delta R.T. -0.04 min

Lab File: VD063388.D

Acq: 5 Aug 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

RT-4221

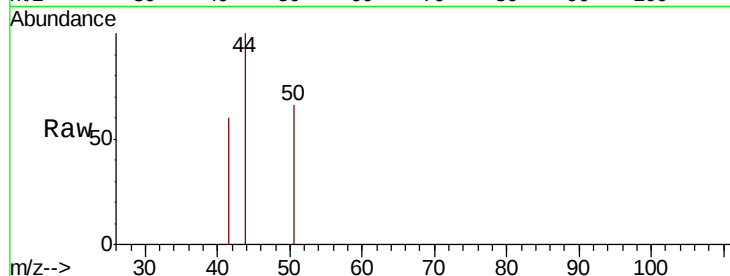
Tgt Ion: 41 Resp: 195

Ion Ratio Lower Upper

41 100

69 0.0 53.4 80.0#

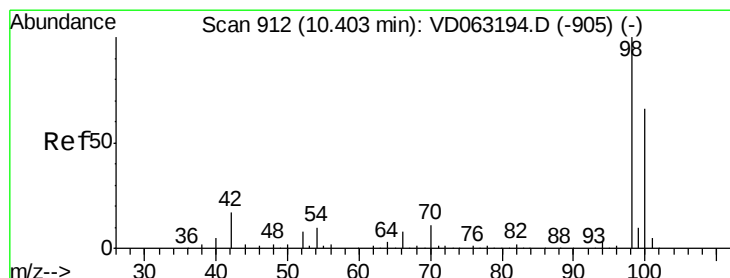
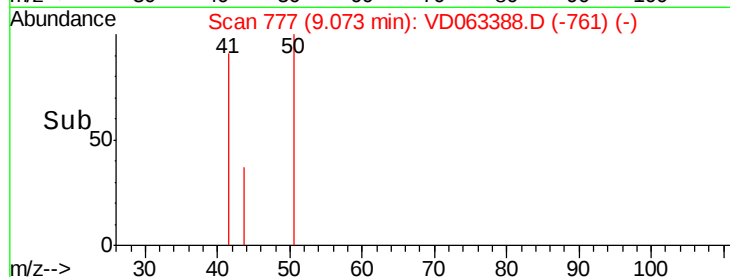
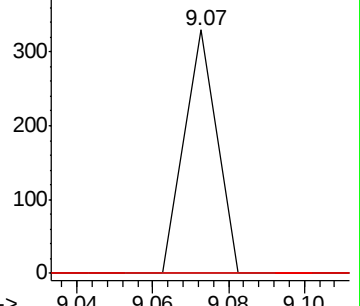
39 0.0 60.3 90.5#



Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 38.95 (38.65 to 39.65): VDC



#50

Toluene-d8

Concen: 42.980 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD063388.D

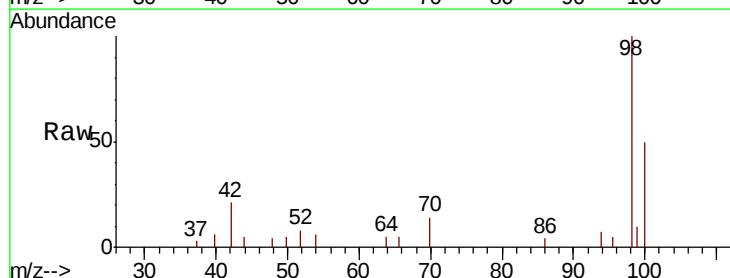
Acq: 5 Aug 2019 18:39

Tgt Ion: 98 Resp: 20973

Ion Ratio Lower Upper

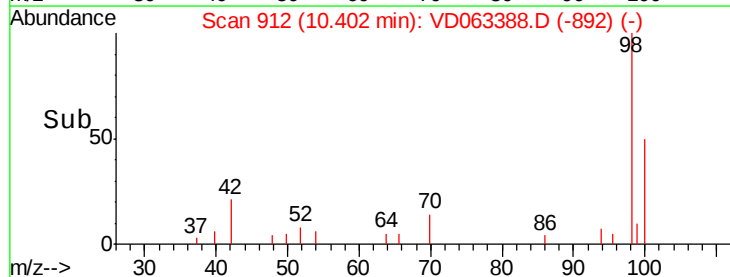
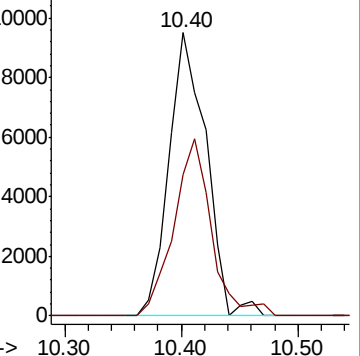
98 100

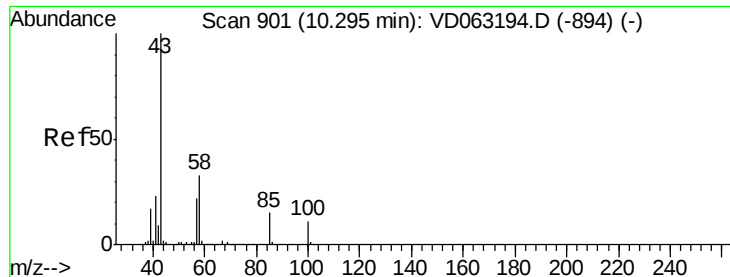
100 49.8 53.2 79.8#



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

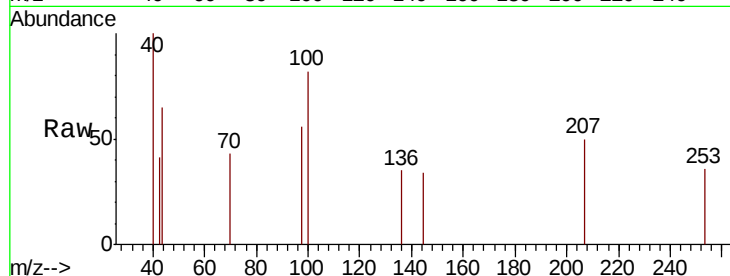




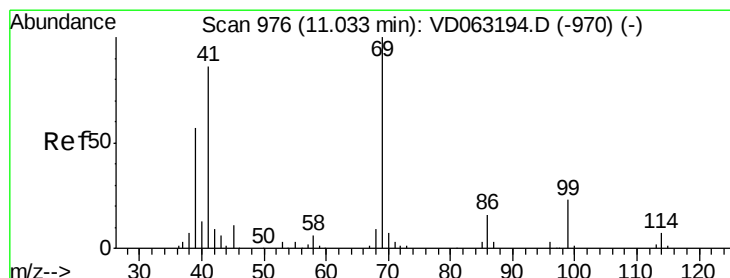
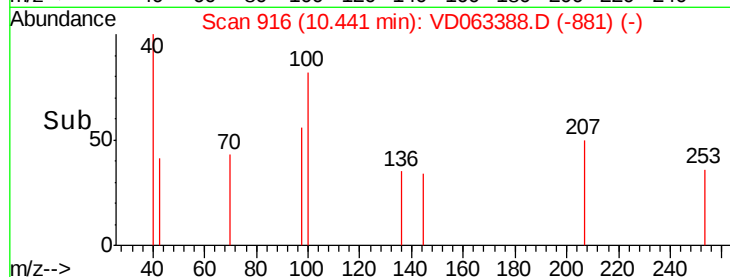
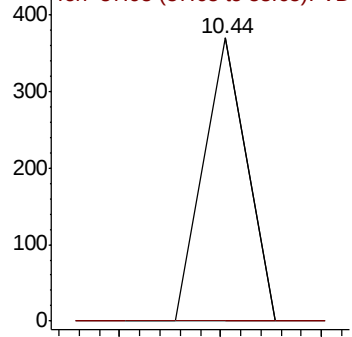
#51
 4-Methyl-2-Pentanone
 Concen: 2.397 ug/l
 RT: 10.44 min Scan# 916
 Delta R.T. 0.15 min
 Lab File: VD063388.D
 Acq: 5 Aug 2019 18:39

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-4221

Tgt Ion: 43 Resp: 218
 Ion Ratio Lower Upper
 43 100
 58 0.0 26.2 39.2#

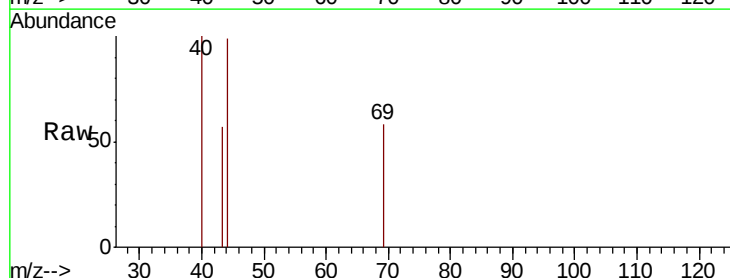


Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 57.95 (57.65 to 58.65): VDC

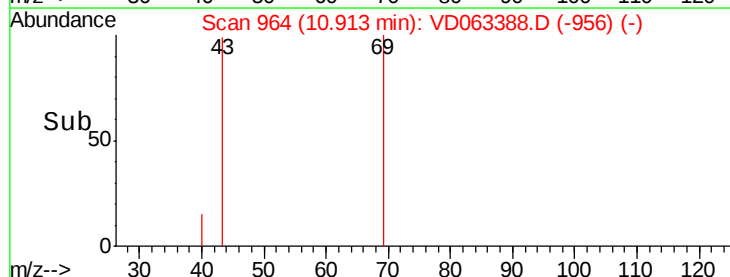
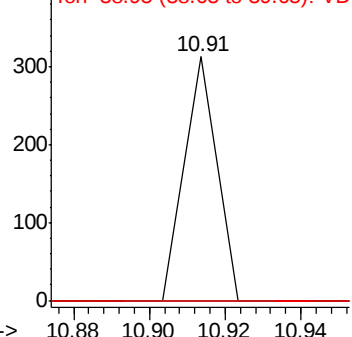


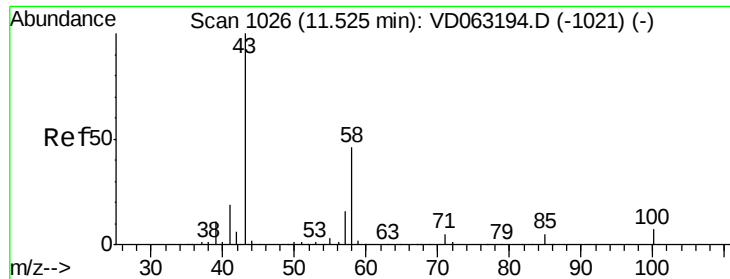
#56
 Ethyl methacrylate
 Concen: 1.540 ug/l
 RT: 10.91 min Scan# 964
 Delta R.T. -0.12 min
 Lab File: VD063388.D
 Acq: 5 Aug 2019 18:39

Tgt Ion: 69 Resp: 185
 Ion Ratio Lower Upper
 69 100
 41 0.0 68.8 103.2#
 39 0.0 45.8 68.8#



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.05 (40.75 to 41.75): VDC
 Ion 38.95 (38.65 to 39.65): VDC

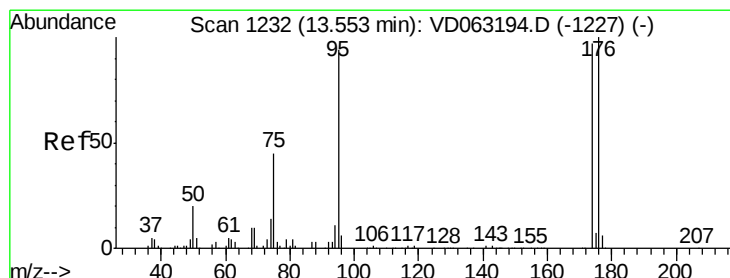
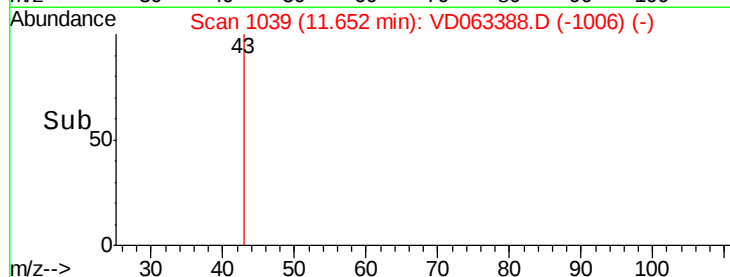
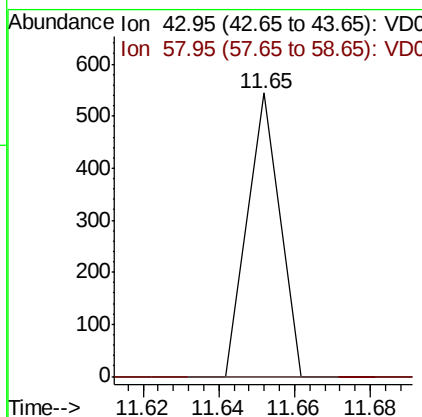
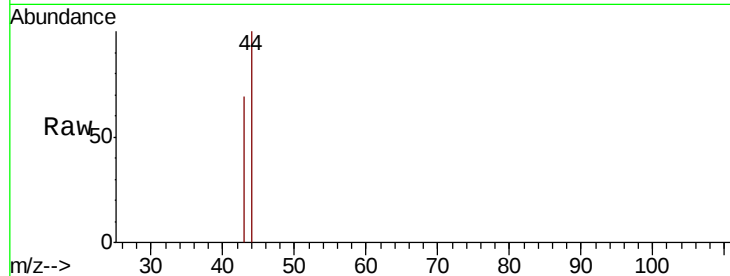




#59
2-Hexanone
Concen: 4.897 ug/l
RT: 11.65 min Scan# 1039
Delta R.T. 0.13 min
Lab File: VD063388.D
Acq: 5 Aug 2019 18:39

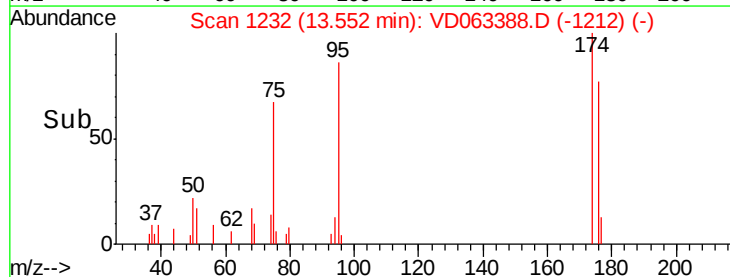
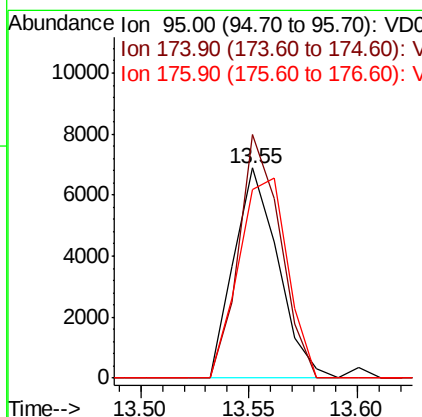
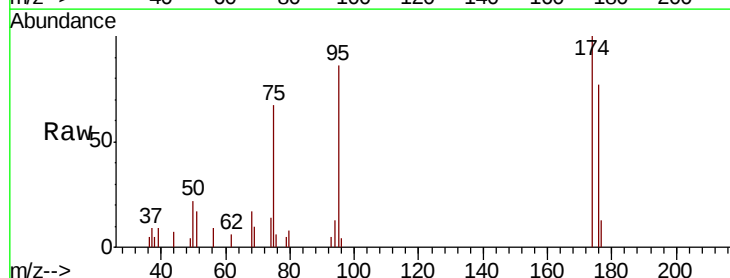
Instrument :
MSVOA_D
ClientSampleId :
RT-4221

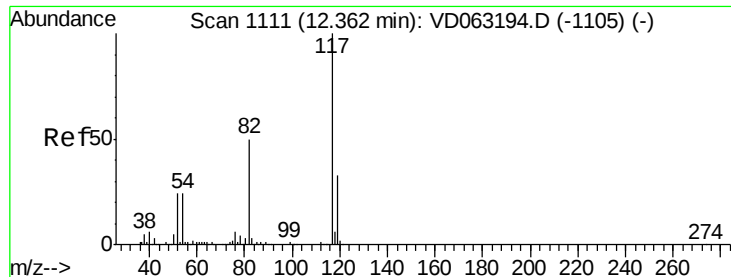
Tgt Ion: 43 Resp: 321
Ion Ratio Lower Upper
43 100
58 0.0 22.9 68.5#



#62
4-Bromofluorobenzene
Concen: 44.166 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063388.D
Acq: 5 Aug 2019 18:39

Tgt Ion: 95 Resp: 9821
Ion Ratio Lower Upper
95 100
174 116.1 0.0 205.4
176 89.8 0.0 211.8

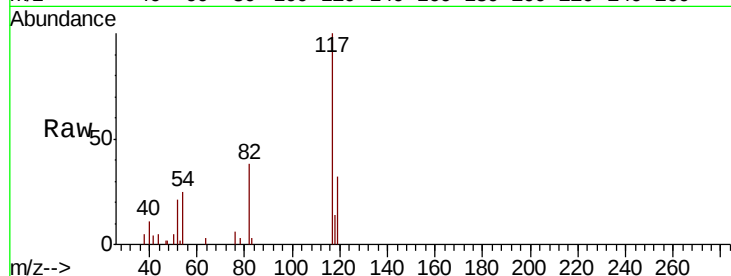




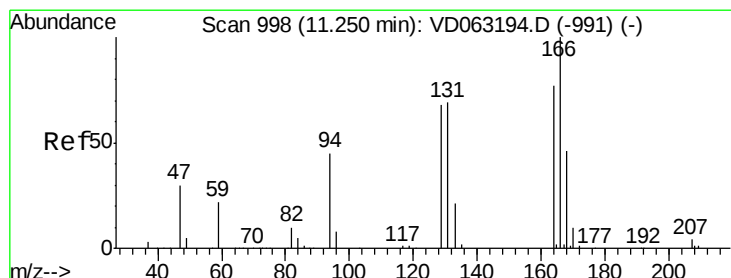
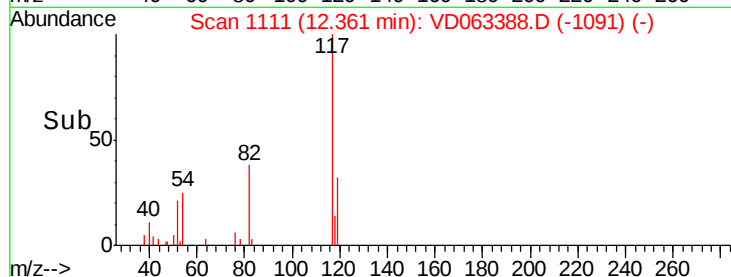
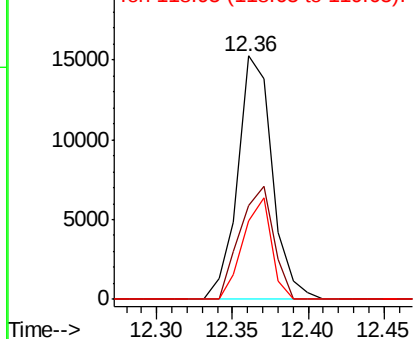
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD063388.D
Acq: 5 Aug 2019 18:39

Instrument :
MSVOA_D
ClientSampleId :
RT-4221

Tgt Ion:117 Resp: 24183
Ion Ratio Lower Upper
117 100
82 38.4 40.1 60.1#
119 32.4 26.5 39.7

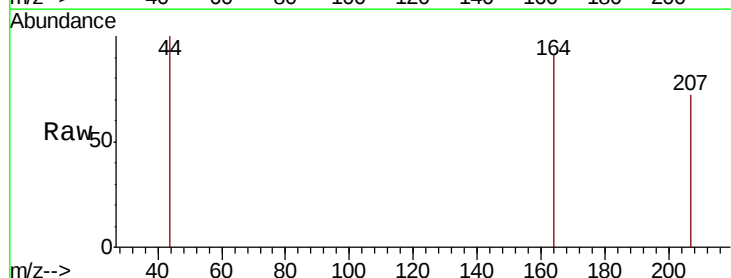


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

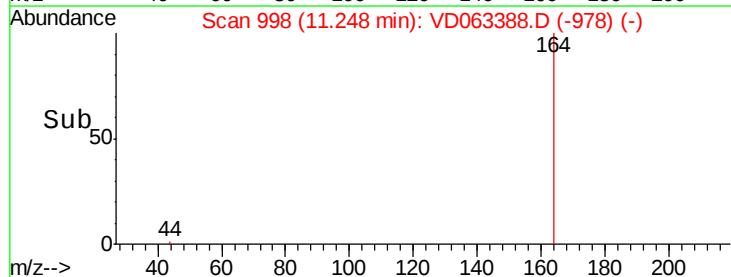
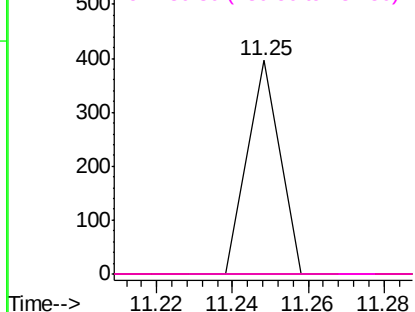


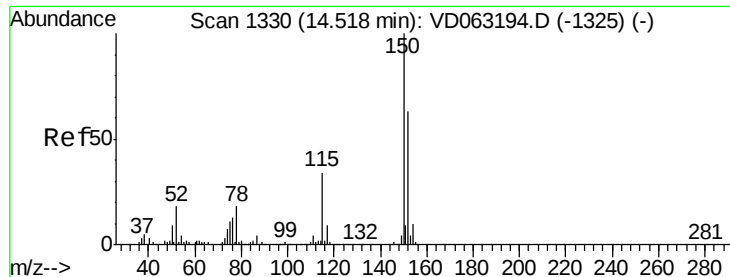
#64
Tetrachloroethene
Concen: 1.215 ug/l
RT: 11.25 min Scan# 998
Delta R.T. -0.00 min
Lab File: VD063388.D
Acq: 5 Aug 2019 18:39

Tgt Ion:164 Resp: 234
Ion Ratio Lower Upper
164 100
166 0.0 104.3 156.5#
129 0.0 70.9 106.3#
131 0.0 71.6 107.4#



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD063388.D

Acq: 5 Aug 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

RT-4221

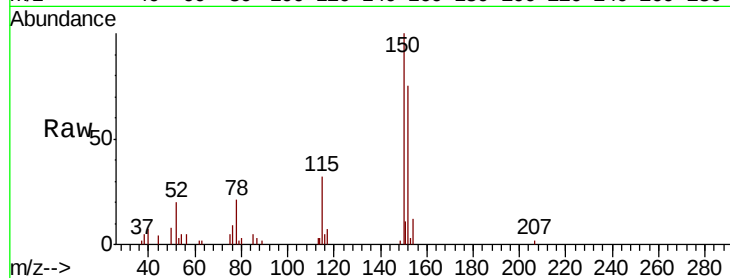
Tgt Ion:152 Resp: 15080

Ion Ratio Lower Upper

152 100

115 42.7 27.5 82.4

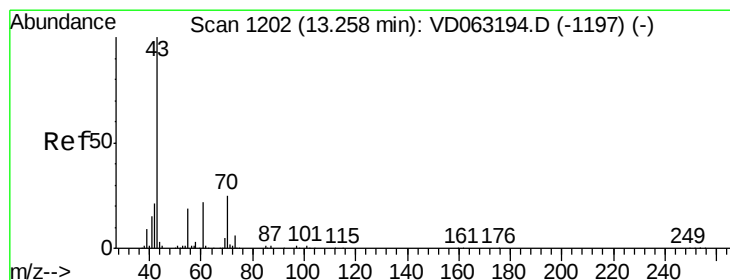
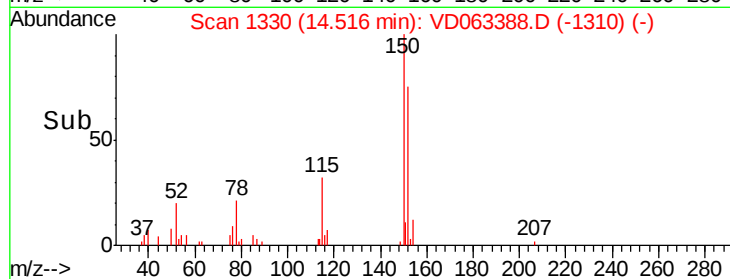
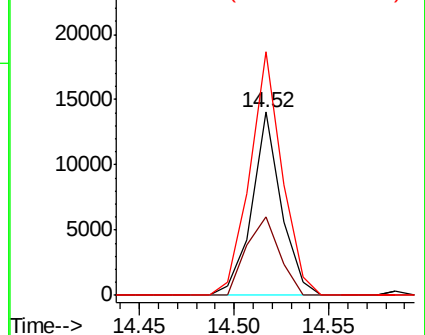
150 132.8 0.0 320.6



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



#74

N-ethyl acetate

Concen: 1.231 ug/l

RT: 13.27 min Scan# 1203

Delta R.T. 0.01 min

Lab File: VD063388.D

Acq: 5 Aug 2019 18:39

Tgt Ion: 43 Resp: 308

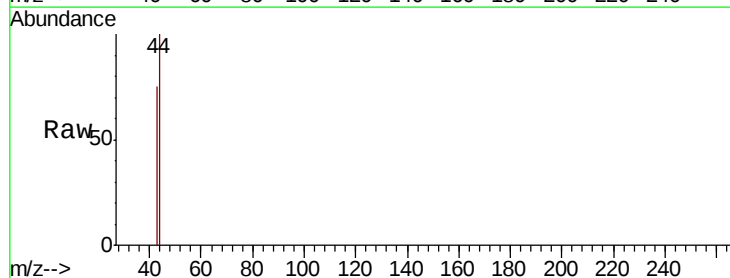
Ion Ratio Lower Upper

43 100

70 0.0 20.2 30.4#

55 0.0 14.9 22.3#

61 0.0 17.9 26.9#

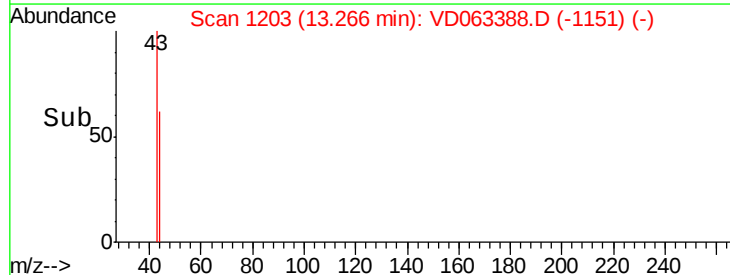
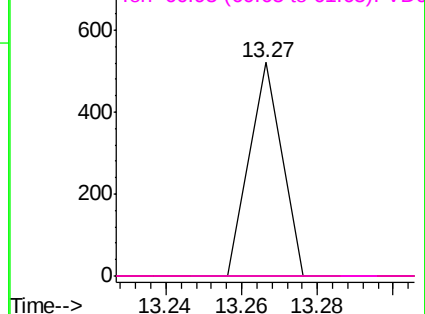


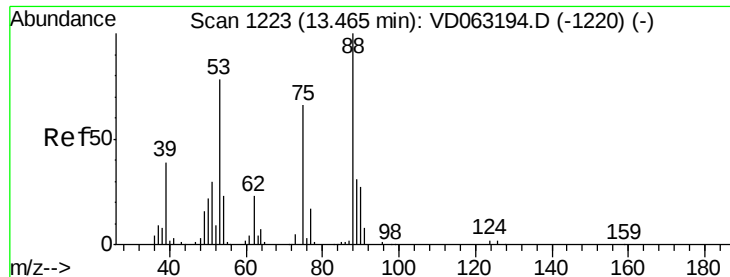
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 123.588 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.09 min

Lab File: VD063388.D

Acq: 5 Aug 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

RT-4221

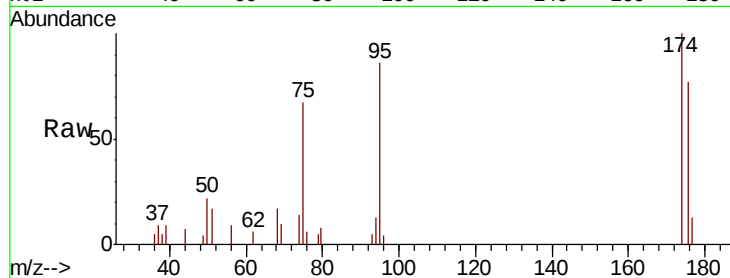
Tgt Ion: 75 Resp: 6216

Ion Ratio Lower Upper

75 100

53 0.0 94.9 142.3#

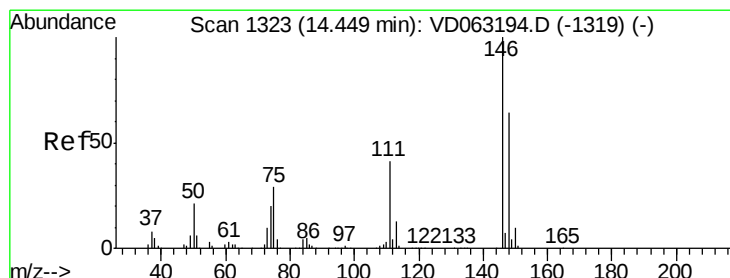
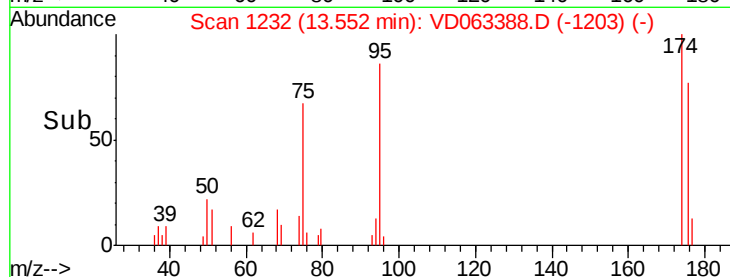
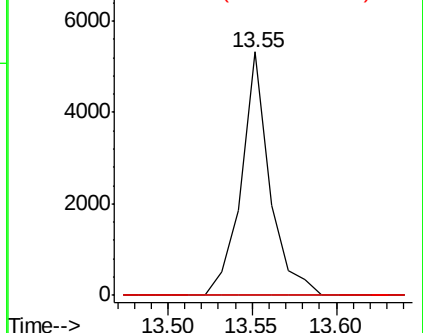
89 0.0 37.4 56.0#



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



#87

1,3-Dichlorobenzene

Concen: 1.001 ug/l

RT: 14.54 min Scan# 1332

Delta R.T. 0.09 min

Lab File: VD063388.D

Acq: 5 Aug 2019 18:39

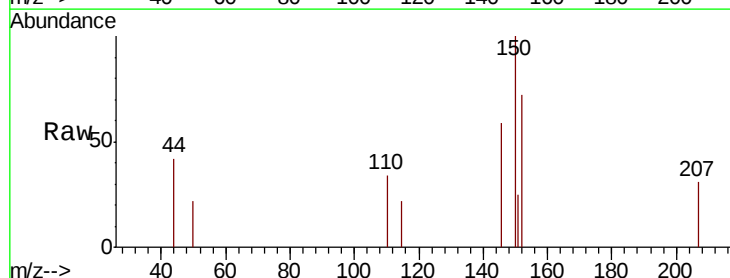
Tgt Ion: 146 Resp: 478

Ion Ratio Lower Upper

146 100

111 0.0 20.4 61.3#

148 0.0 31.8 95.4#



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

