

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080819\
 Data File : VD063444.D
 Acq On : 8 Aug 2019 17:52
 Operator : JC/SY
 Sample : K4223-12
 Misc : 4.47g/5ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-6

Quant Time: Aug 09 06:59:21 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	7.05	168	31045	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	47120	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	40067	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	17779	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	35688	103.60	ug/l	0.02
Spiked Amount			Recovery	=	207.20%	
35) Dibromofluoromethane	6.94	113	28632	71.17	ug/l	0.03
Spiked Amount			Recovery	=	142.34%	
50) Toluene-d8	10.42	98	47686	52.96	ug/l	0.02
Spiked Amount			Recovery	=	105.92%	
62) 4-Bromofluorobenzene	13.56	95	16627	40.53	ug/l	0.00
Spiked Amount			Recovery	=	81.06%	

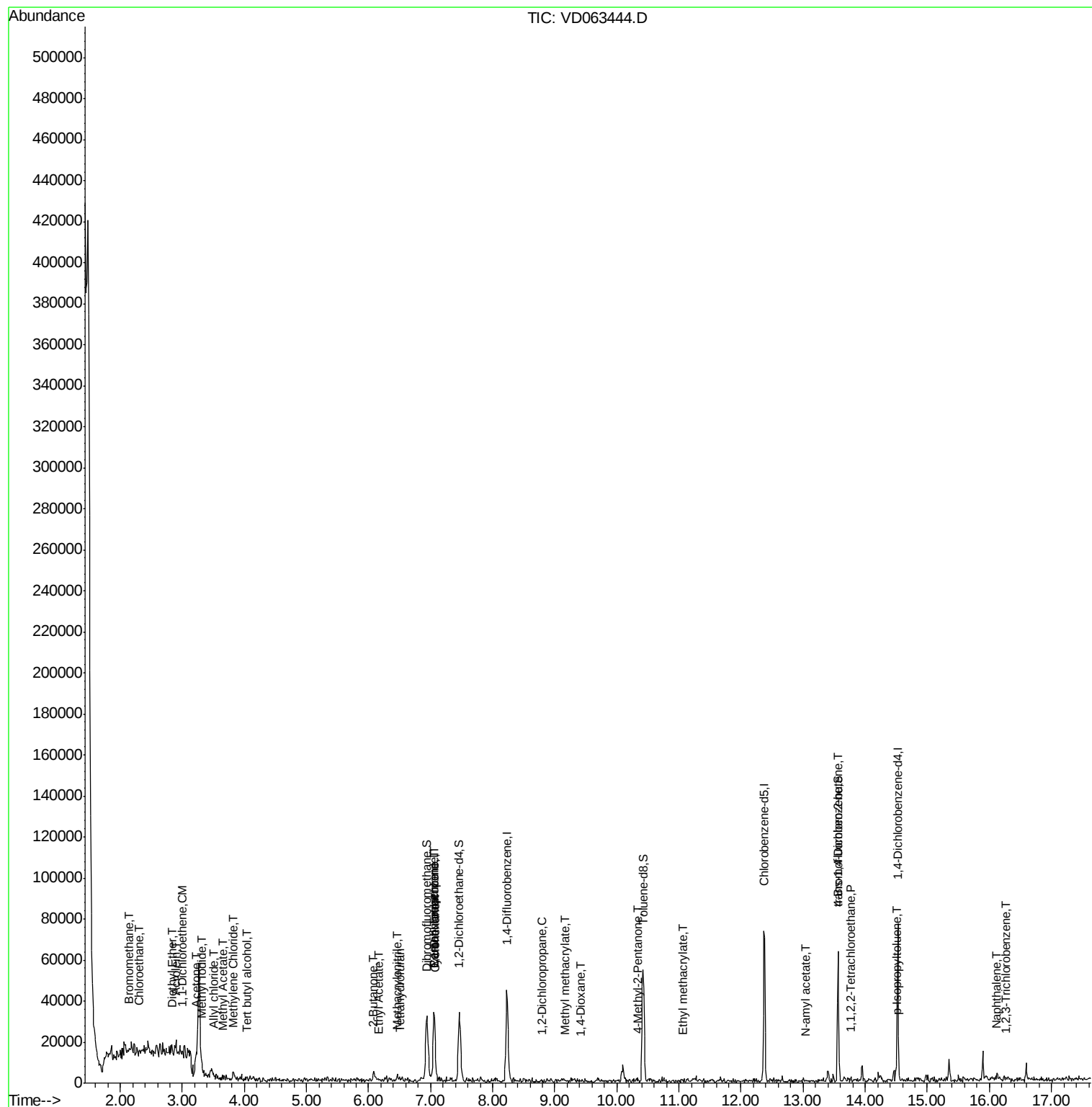
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.14	94	1007	6.542	ug/l #	12
6) Chloroethane	2.31	64	314	2.228	ug/l #	47
8) Diethyl Ether	2.85	74	200	2.413	ug/l	89
10) Methyl Iodide	3.32	142	810	1.709	ug/l #	27
11) Tert butyl alcohol	4.03	59	181	11.973	ug/l #	69
12) 1,1-Dichloroethene	3.00	96	449	1.865	ug/l #	1
13) Acrolein	2.91	56	190	13.059	ug/l #	15
14) Allyl chloride	3.51	41	687	1.791	ug/l #	11
16) Acetone	3.22	43	19892	296.378	ug/l #	91
18) Methyl Acetate	3.65	43	3028	23.487	ug/l #	60
20) Methylene Chloride	3.81	84	392	1.445	ug/l #	1
25) 2-Butanone	6.08	43	8208	121.857	ug/l #	78
29) Tetrahydrofuran	6.49	42	2058	64.534	ug/l #	60
31) Cyclohexane	7.07	56	380	1.238	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	3448	8.018	ug/l #	44
37) Ethyl Acetate	6.17	43	580	3.002	ug/l #	70
38) Carbon Tetrachloride	7.04	117	3108	4.801	ug/l #	11
41) Methacrylonitrile	6.47	41	813	3.518	ug/l #	40
45) 1,2-Dichloropropane	8.79	63	304	1.327	ug/l #	45
48) Methyl methacrylate	9.17	41	178	1.112	ug/l #	10
49) 1,4-Dioxane	9.42	88	193	138.800	ug/l #	22
51) 4-Methyl-2-Pentanone	10.33	43	234	1.394	ug/l #	42
56) Ethyl methacrylate	11.06	69	285	1.286	ug/l #	13
74) N-amyl acetate	13.05	43	472	1.600	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	13.77	83	197	1.039	ug/l #	24
81) trans-1,4-Dichloro-2-buten	13.56	75	6964	117.440	ug/l #	3
86) p-Isopropyltoluene	14.50	119	2890	2.615	ug/l #	75
95) Naphthalene	16.13	128	2757	5.013	ug/l #	70
96) 1,2,3-Trichlorobenzene	16.26	180	397	1.292	ug/l #	12

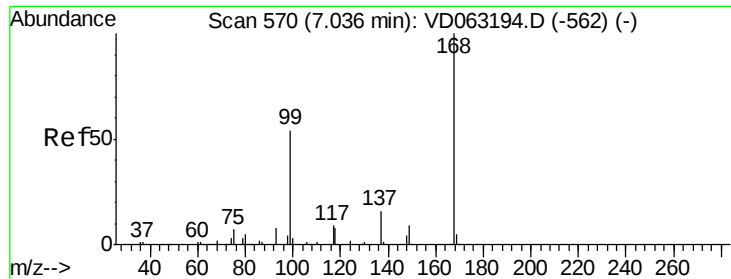
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.05 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD063444.D

Acq: 8 Aug 2019 17:52

Instrument :

MSVOA_D

ClientSampled :

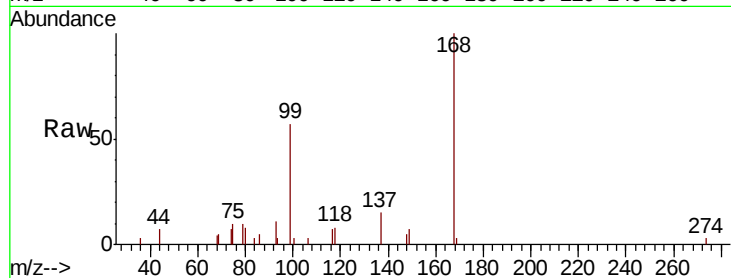
SP-6

Tgt Ion:168 Resp: 31045

Ion Ratio Lower Upper

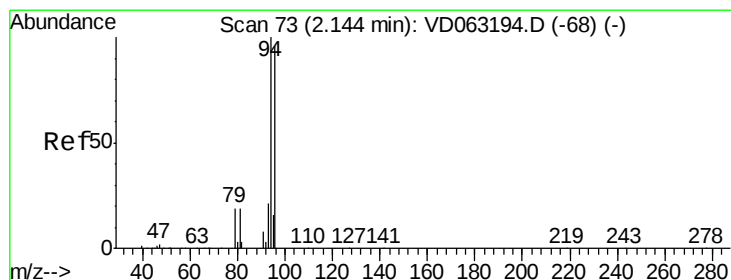
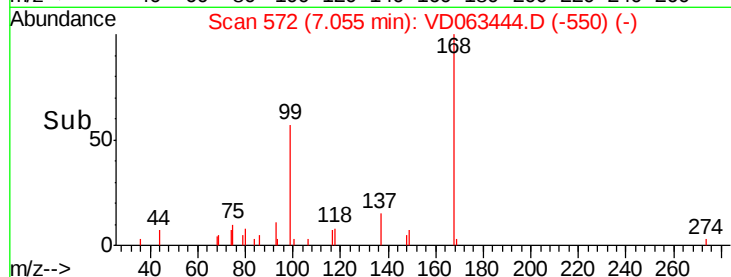
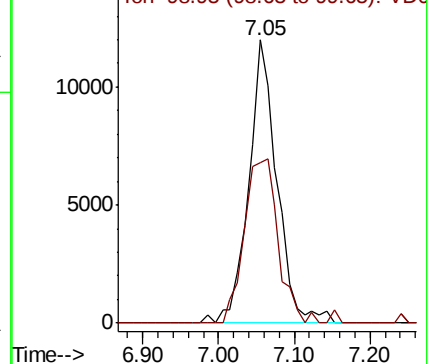
168 100

99 56.7 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 6.542 ug/l

RT: 2.14 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD063444.D

Acq: 8 Aug 2019 17:52

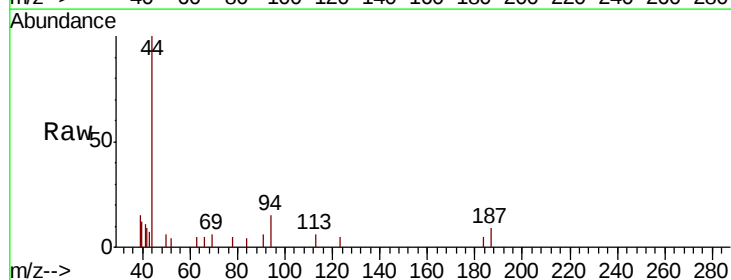
Tgt Ion: 94 Resp: 1007

Ion Ratio Lower Upper

94 100

96 0.0 76.4 114.6#

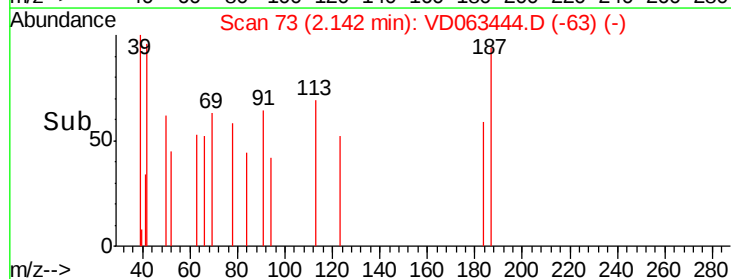
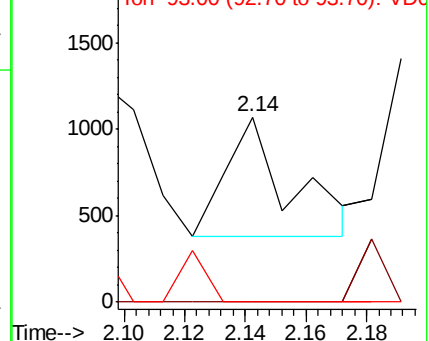
93 0.0 17.3 25.9#

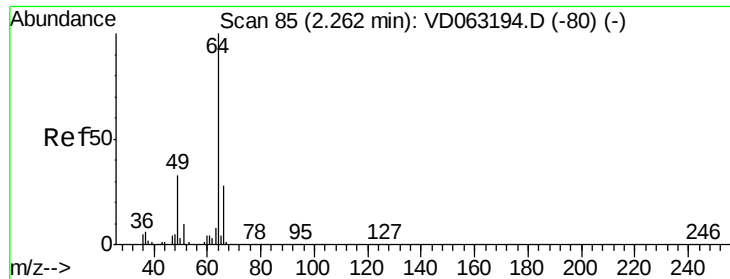


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC





#6

Chloroethane

Concen: 2.228 ug/l

RT: 2.31 min Scan# 90

Delta R.T. 0.05 min

Lab File: VD063444.D

Acq: 8 Aug 2019 17:52

Instrument :

MSVOA_D

ClientSampleId :

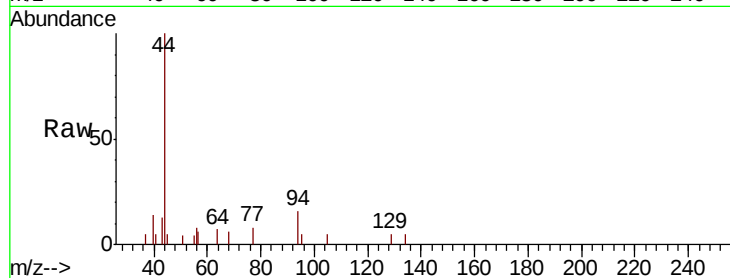
SP-6

Tgt Ion: 64 Resp: 314

Ion Ratio Lower Upper

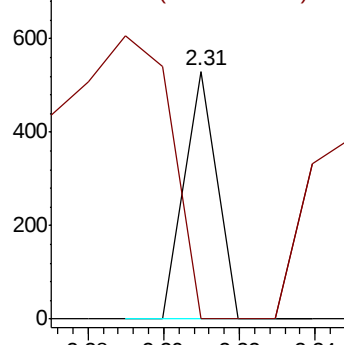
64 100

66 0.0 22.2 33.2#

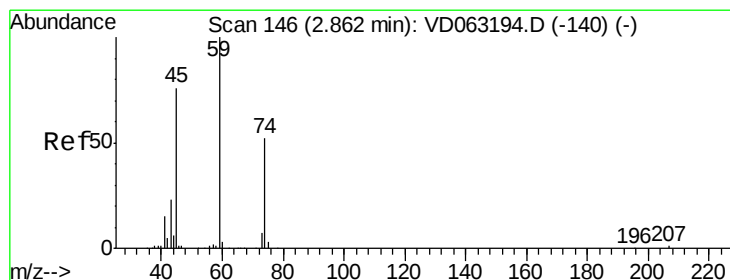
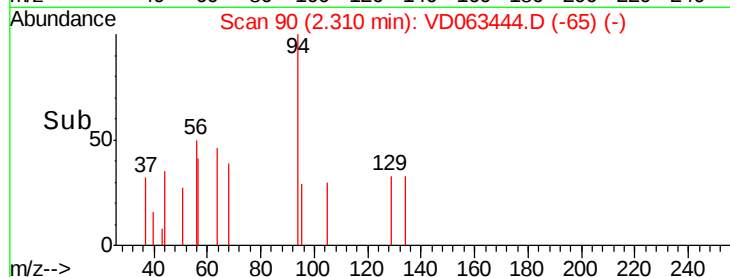


Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



Time-->



#8

Diethyl Ether

Concen: 2.413 ug/l

RT: 2.85 min Scan# 145

Delta R.T. -0.01 min

Lab File: VD063444.D

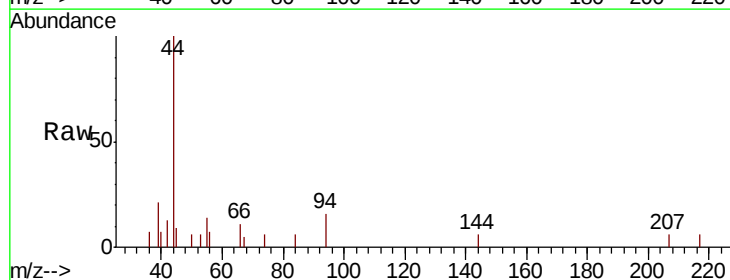
Acq: 8 Aug 2019 17:52

Tgt Ion: 74 Resp: 200

Ion Ratio Lower Upper

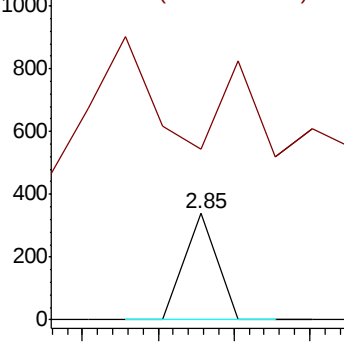
74 100

45 160.5 73.6 220.8

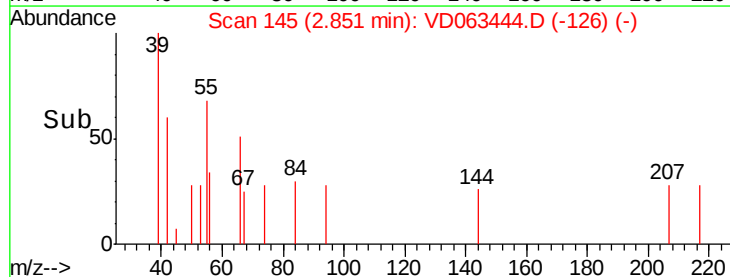


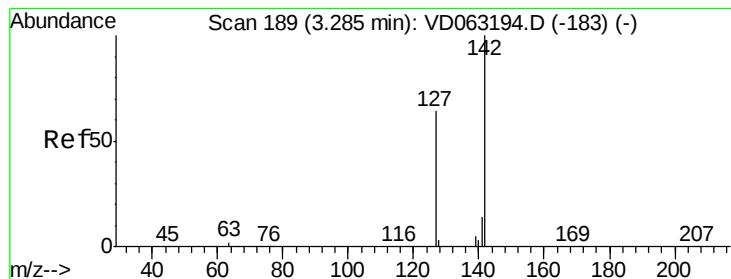
Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC



Time-->





#10

Methyl Iodide

Concen: 1.709 ug/l

RT: 3.32 min Scan# 193

Delta R.T. 0.04 min

Lab File: VD063444.D

Acq: 8 Aug 2019 17:52

Instrument :

MSVOA_D

ClientSampleId :

SP-6

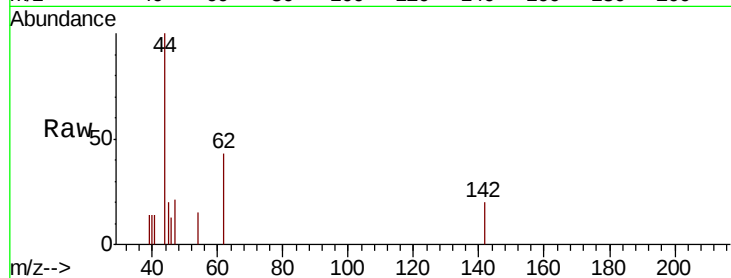
Tgt Ion:142 Resp: 810

Ion Ratio Lower Upper

142 100

127 0.0 50.8 76.2#

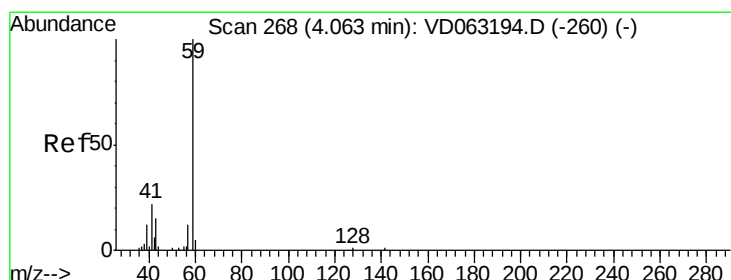
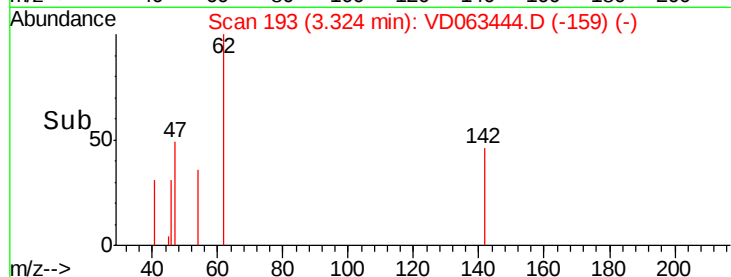
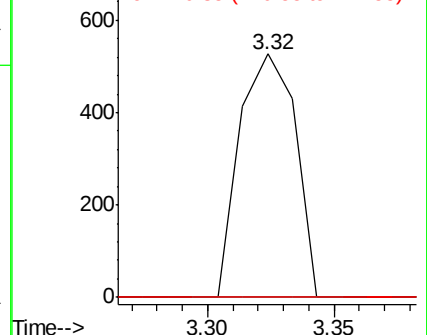
141 0.0 11.4 17.2#



Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



#11

Tert butyl alcohol

Concen: 11.973 ug/l

RT: 4.03 min Scan# 265

Delta R.T. -0.03 min

Lab File: VD063444.D

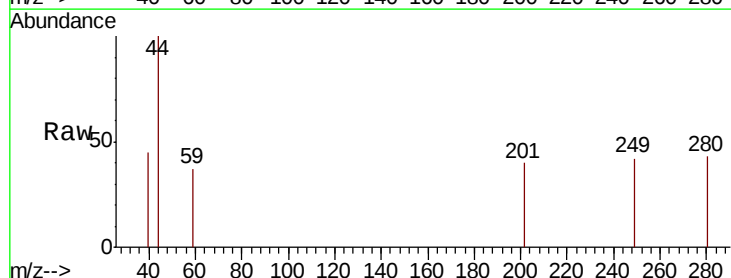
Acq: 8 Aug 2019 17:52

Tgt Ion: 59 Resp: 181

Ion Ratio Lower Upper

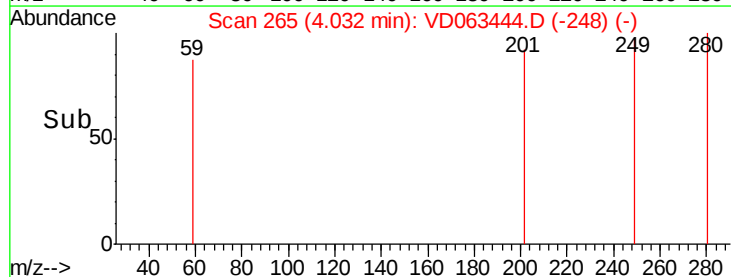
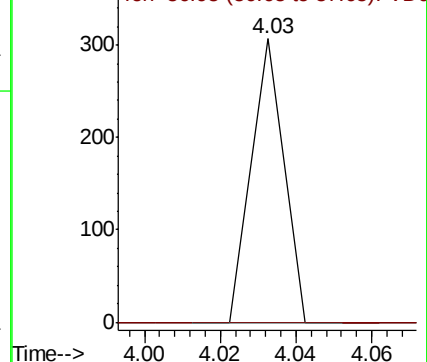
59 100

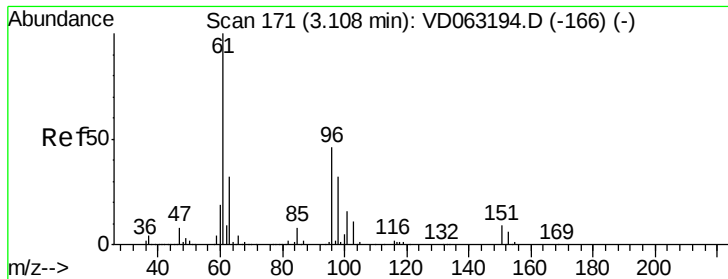
57 0.0 9.6 14.4#



Abundance Ion 58.95 (58.65 to 59.65): V

Ion 56.95 (56.65 to 57.65): V





#12

1,1-Dichloroethene

Concen: 1.865 ug/l

RT: 3.00 min Scan# 160

Delta R.T. -0.11 min

Lab File: VD063444.D

Acq: 8 Aug 2019 17:52

Instrument :

MSVOA_D

ClientSampled :

SP-6

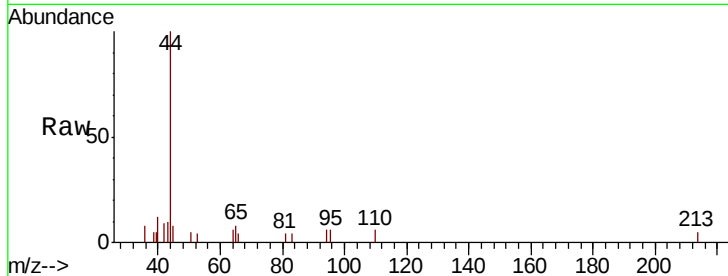
Tgt Ion: 96 Resp: 449

Ion Ratio Lower Upper

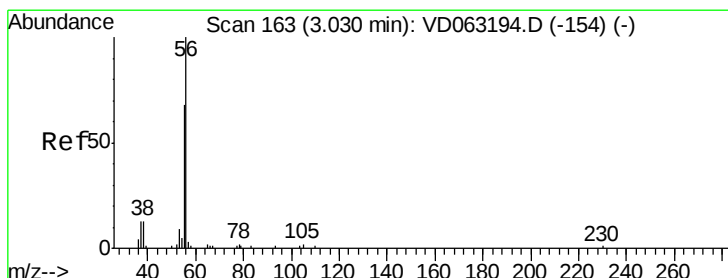
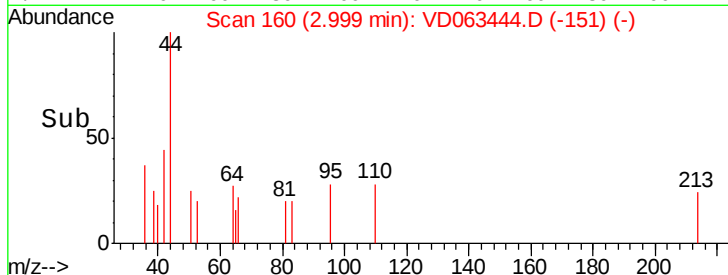
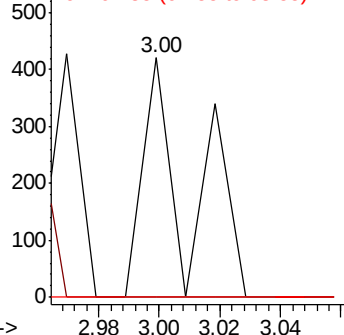
96 100

61 0.0 173.7 260.5#

98 0.0 55.8 83.8#



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



#13

Acrolein

Concen: 13.059 ug/l

RT: 2.91 min Scan# 151

Delta R.T. -0.12 min

Lab File: VD063444.D

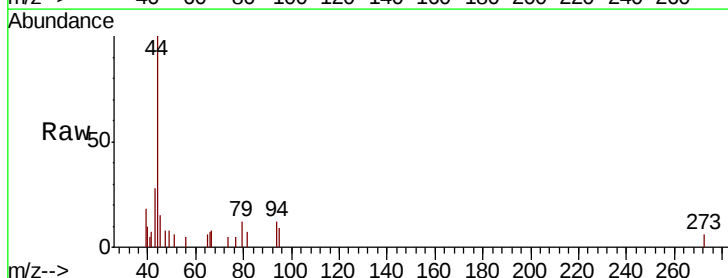
Acq: 8 Aug 2019 17:52

Tgt Ion: 56 Resp: 190

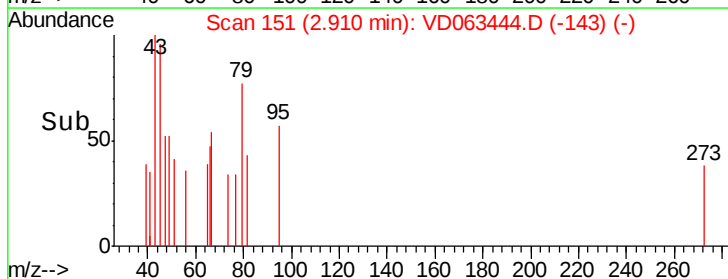
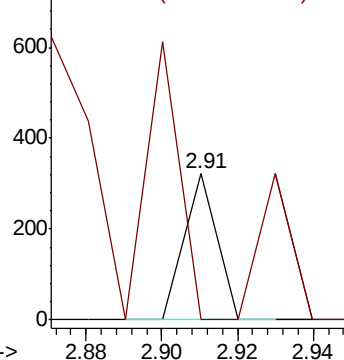
Ion Ratio Lower Upper

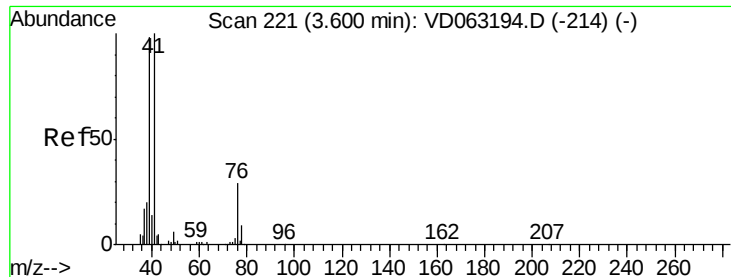
56 100

55 0.0 55.3 82.9#



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 55.00 (54.70 to 55.70): VDC

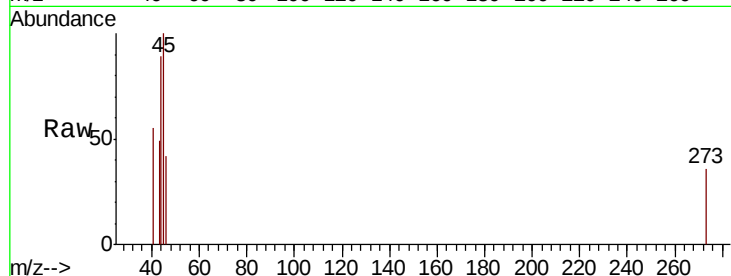




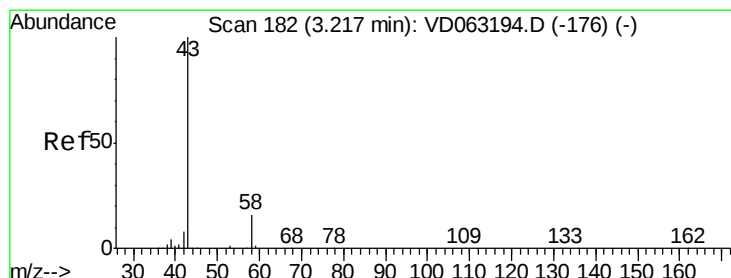
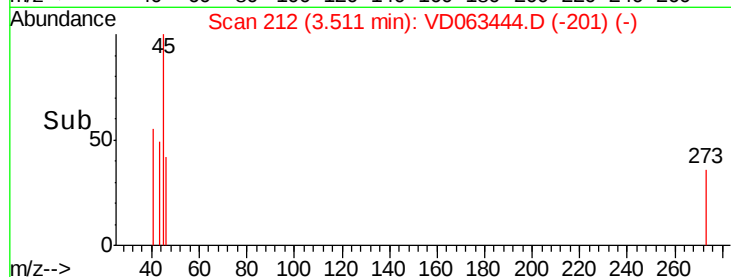
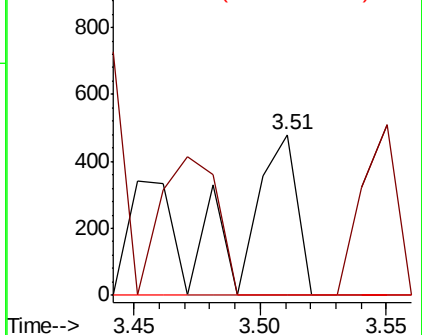
#14
 Allyl chloride
 Concen: 1.791 ug/l
 RT: 3.51 min Scan# 212
 Delta R.T. -0.09 min
 Lab File: VD063444.D
 Acq: 8 Aug 2019 17:52

Instrument :
 MSVOA_D
 ClientSampleID :
 SP-6

Tgt Ion: 41 Resp: 687
 Ion Ratio Lower Upper
 41 100
 39 0.0 78.6 117.8#
 76 0.0 24.5 36.7#

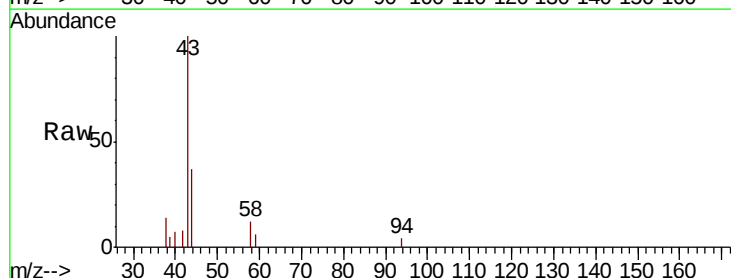


Abundance Ion 41.05 (40.75 to 41.75): VDC
 Ion 38.95 (38.65 to 39.65): VDC
 Ion 75.95 (75.65 to 76.65): VDC

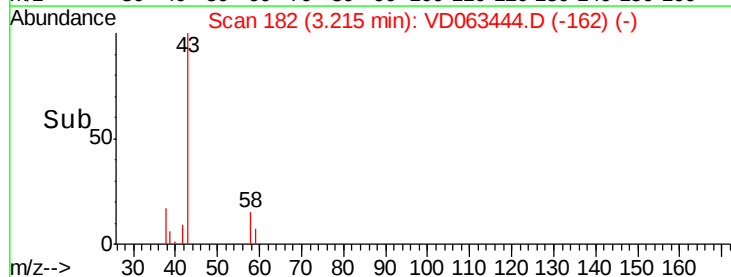
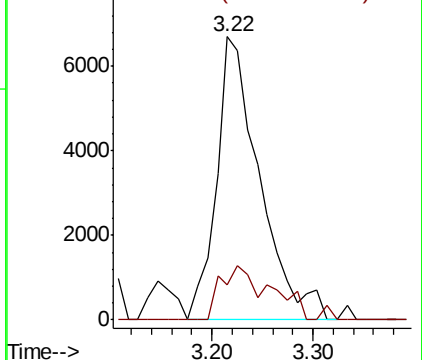


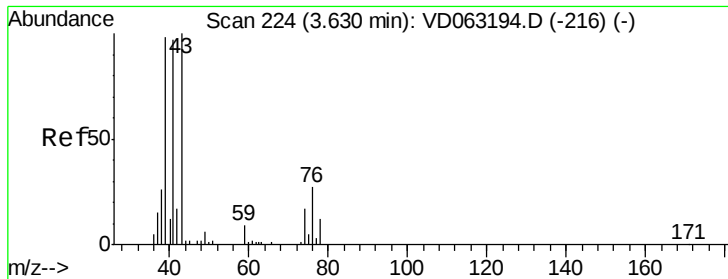
#16
 Acetone
 Concen: 296.378 ug/l
 RT: 3.22 min Scan# 182
 Delta R.T. -0.00 min
 Lab File: VD063444.D
 Acq: 8 Aug 2019 17:52

Tgt Ion: 43 Resp: 19892
 Ion Ratio Lower Upper
 43 100
 58 12.4 13.0 19.4#



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

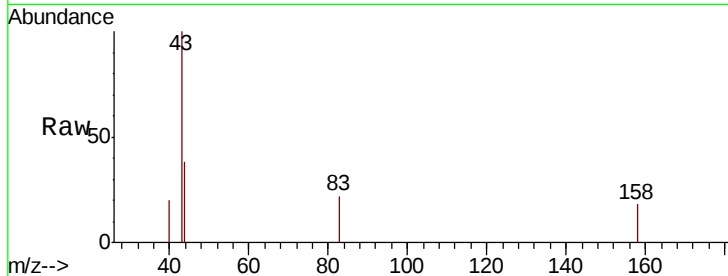




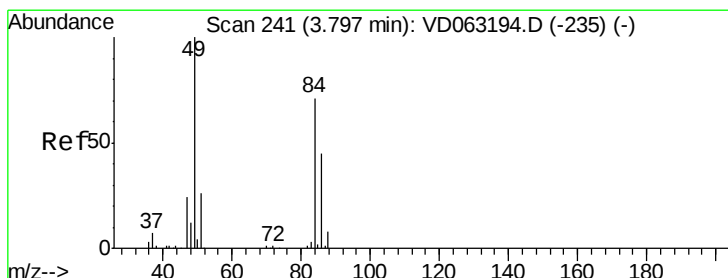
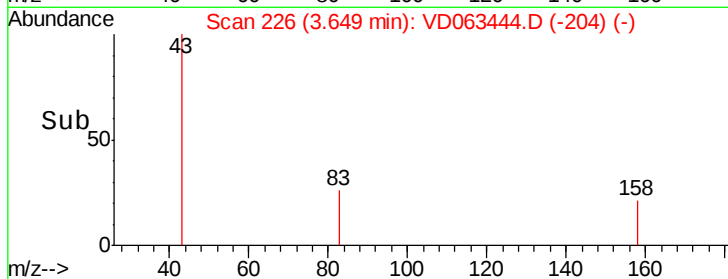
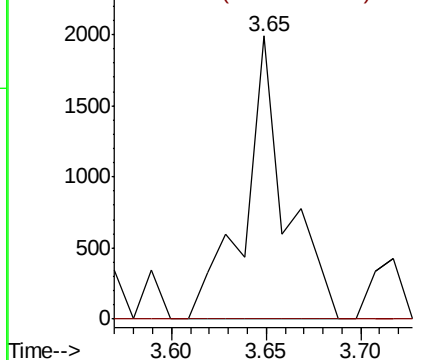
#18
Methyl Acetate
Concen: 23.487 ug/l
RT: 3.65 min Scan# 226
Delta R.T. 0.02 min
Lab File: VD063444.D
Acq: 8 Aug 2019 17:52

Instrument :
MSVOA_D
ClientSampled :
SP-6

Tgt Ion: 43 Resp: 3028
Ion Ratio Lower Upper
43 100
74 0.0 13.8 20.8#

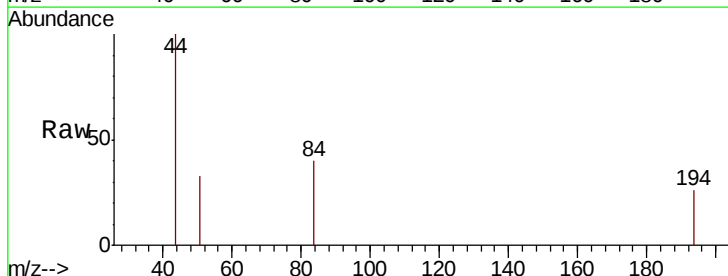


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 74.00 (73.70 to 74.70): VDC

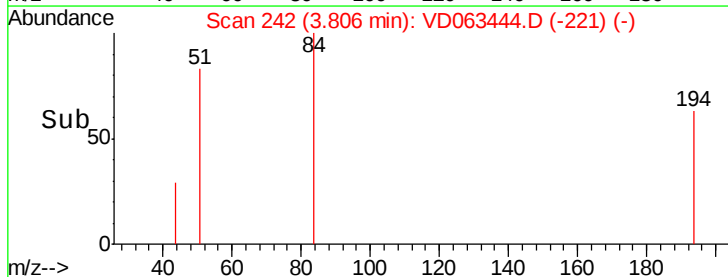
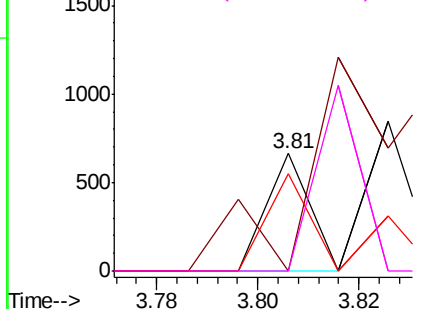


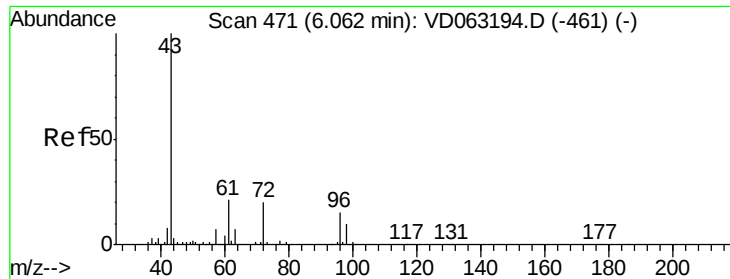
#20
Methylene Chloride
Concen: 1.445 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.01 min
Lab File: VD063444.D
Acq: 8 Aug 2019 17:52

Tgt Ion: 84 Resp: 392
Ion Ratio Lower Upper
84 100
49 0.0 112.5 168.7#
51 82.5 29.6 44.4#
86 0.0 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

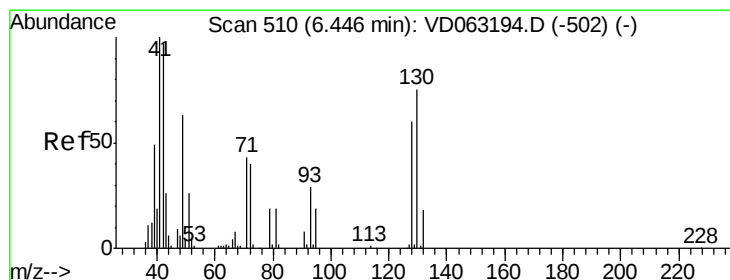
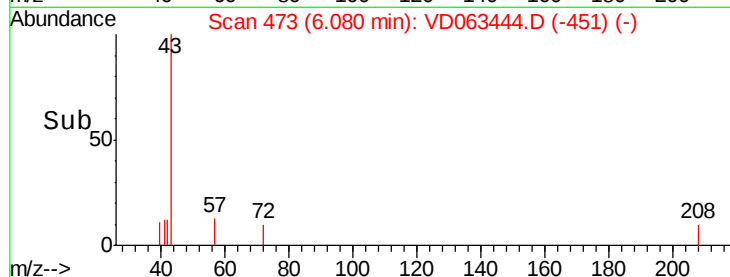
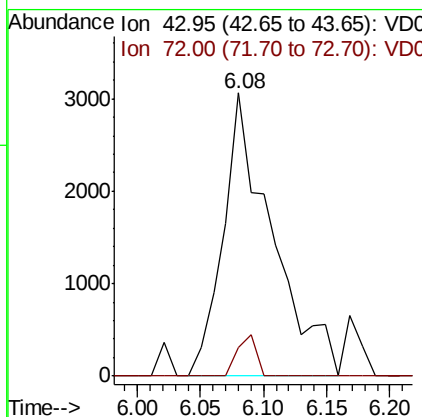
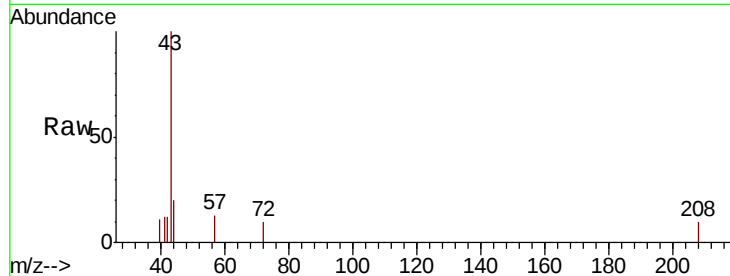




#25
2-Butanone
Concen: 121.857 ug/l
RT: 6.08 min Scan# 473
Delta R.T. 0.02 min
Lab File: VD063444.D
Acq: 8 Aug 2019 17:52

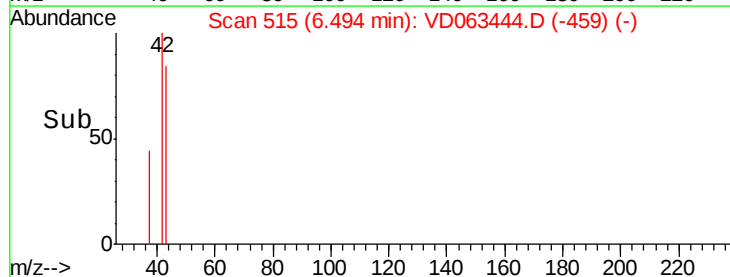
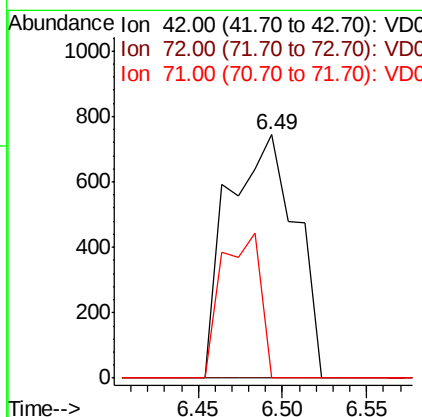
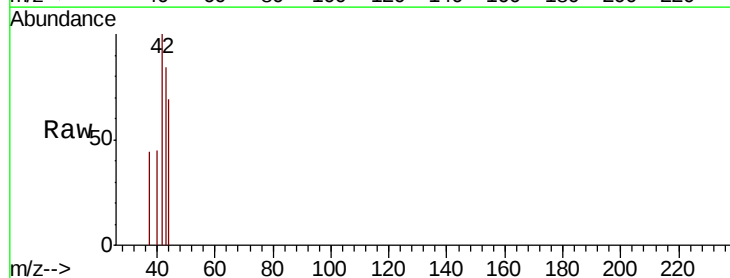
Instrument :
MSVOA_D
ClientSampleId :
SP-6

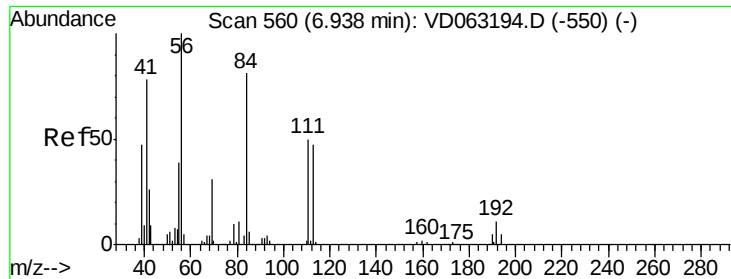
Tgt Ion: 43 Resp: 8208
Ion Ratio Lower Upper
43 100
72 10.0 16.3 24.5#



#29
Tetrahydrofuran
Concen: 64.534 ug/l
RT: 6.49 min Scan# 515
Delta R.T. 0.05 min
Lab File: VD063444.D
Acq: 8 Aug 2019 17:52

Tgt Ion: 42 Resp: 2058
Ion Ratio Lower Upper
42 100
72 0.0 33.4 50.2#
71 34.5 35.7 53.5#

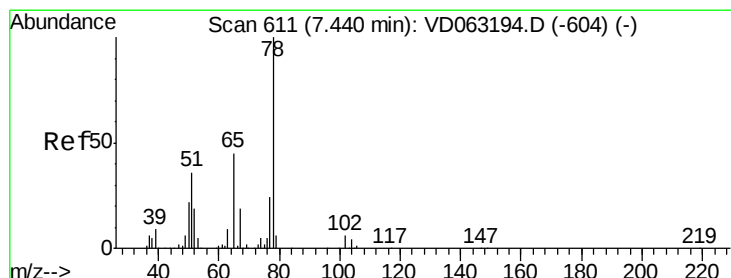
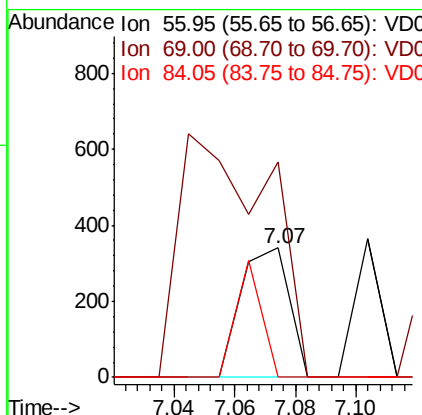
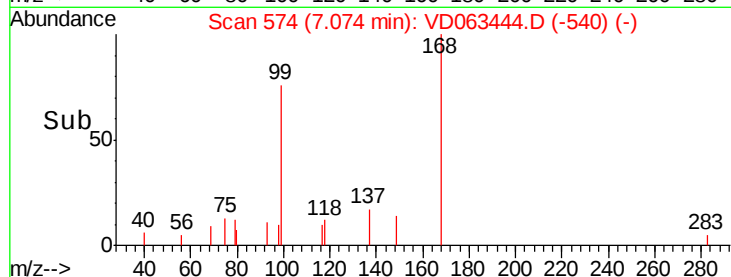
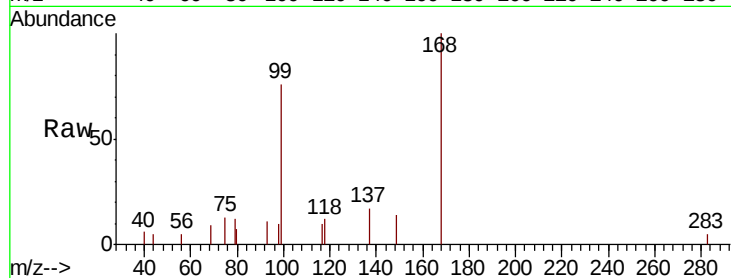




#31
Cyclohexane
Concen: 1.238 ug/l
RT: 7.07 min Scan# 574
Delta R.T. 0.14 min
Lab File: VD063444.D
Acq: 8 Aug 2019 17:52

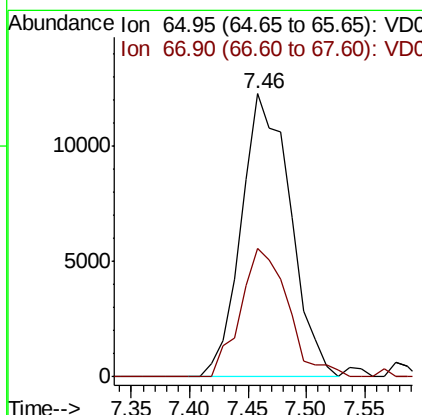
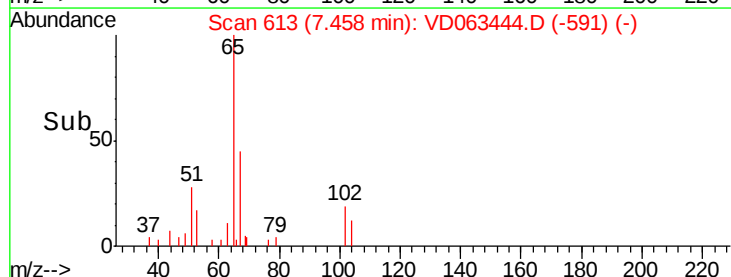
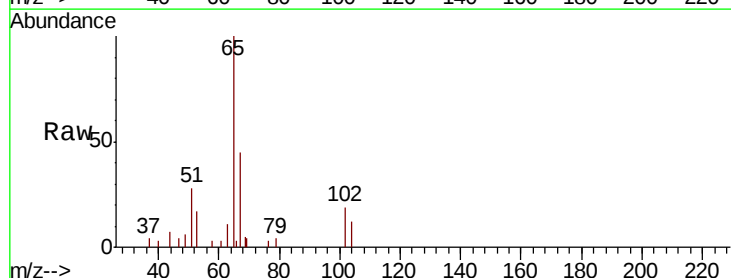
Instrument :
MSVOA_D
ClientSampleId :
SP-6

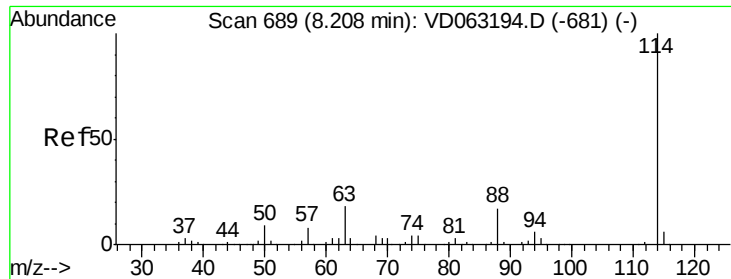
Tgt Ion: 56 Resp: 380
Ion Ratio Lower Upper
56 100
69 166.0 24.5 36.7#
84 0.0 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 103.601 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.02 min
Lab File: VD063444.D
Acq: 8 Aug 2019 17:52

Tgt Ion: 65 Resp: 35688
Ion Ratio Lower Upper
65 100
67 45.3 0.0 85.8

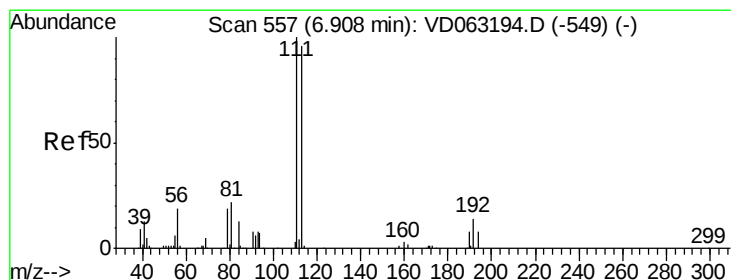
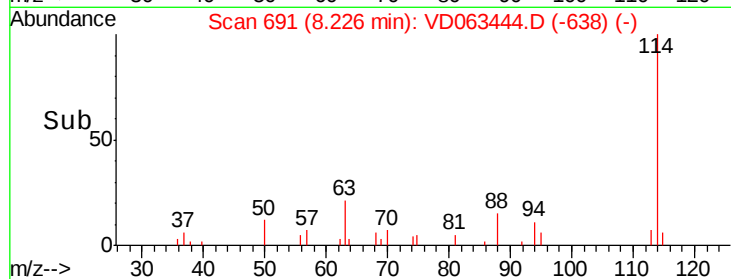
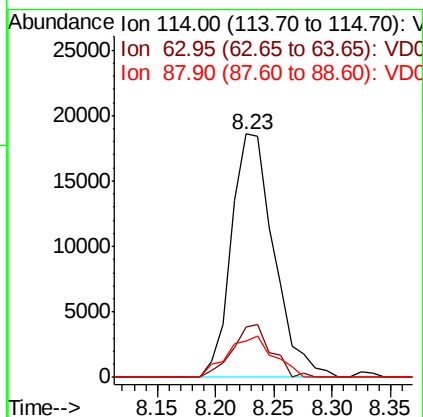
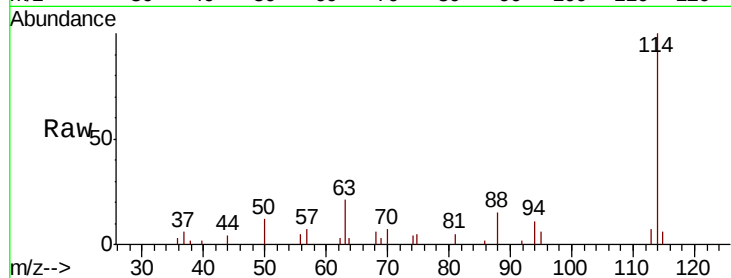




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD063444.D
 Acq: 8 Aug 2019 17:52

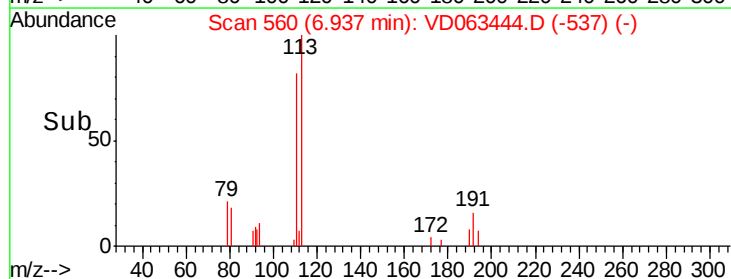
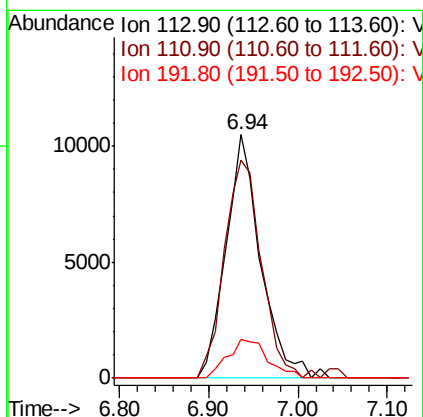
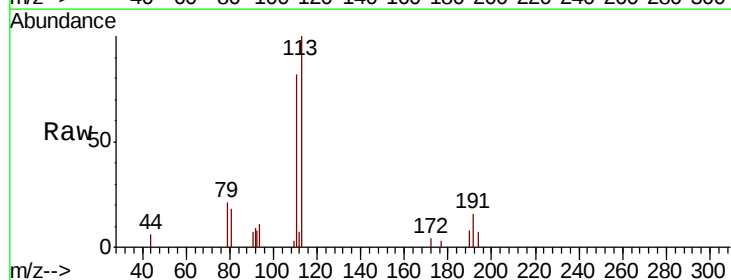
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-6

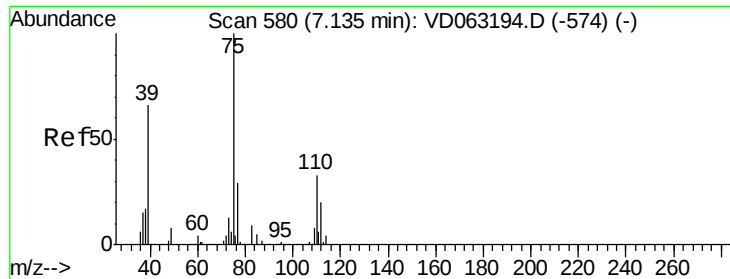
Tgt Ion:114 Resp: 47120
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 35.2
 88 14.8 0.0 34.6



#35
 Dibromofluoromethane
 Concen: 71.170 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.03 min
 Lab File: VD063444.D
 Acq: 8 Aug 2019 17:52

Tgt Ion:113 Resp: 28632
 Ion Ratio Lower Upper
 113 100
 111 89.6 83.2 124.8
 192 15.9 11.8 17.8

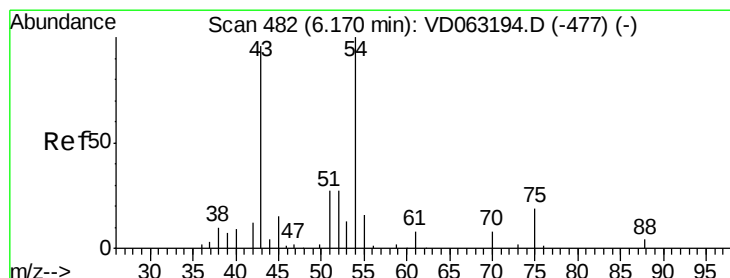
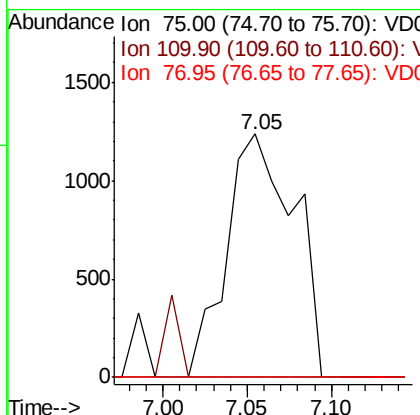
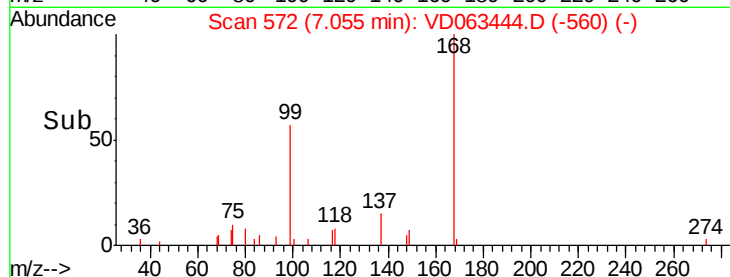
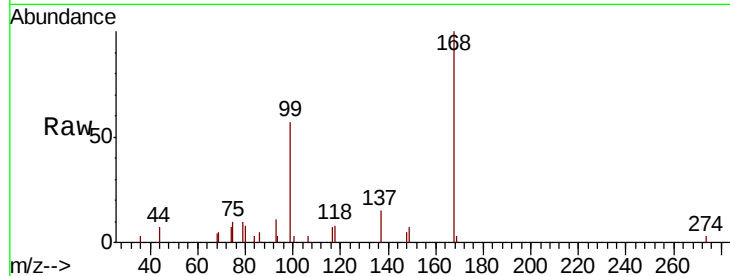




#36
 1,1-Dichloropropene
 Concen: 8.018 ug/l
 RT: 7.05 min Scan# 572
 Delta R.T. -0.08 min
 Lab File: VD063444.D
 Acq: 8 Aug 2019 17:52

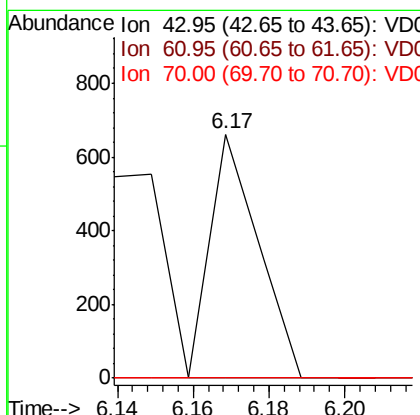
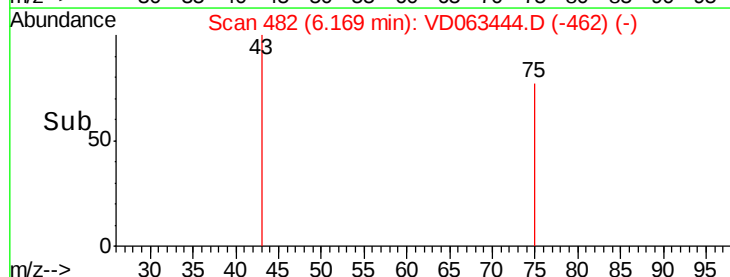
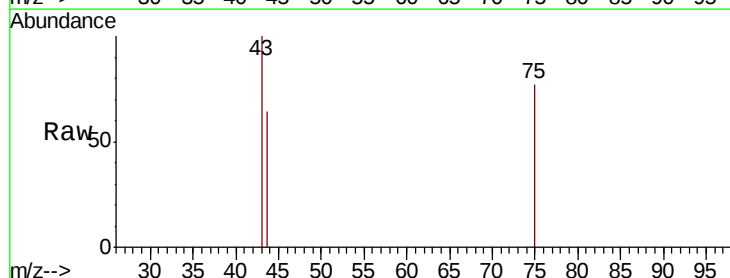
Instrument :
 MSVOA_D
 ClientSampleID :
 SP-6

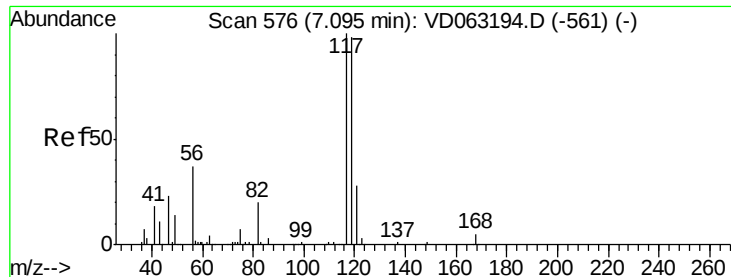
Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.1	48.2#
77	0.0	22.7	34.1#



#37
 Ethyl Acetate
 Concen: 3.002 ug/l
 RT: 6.17 min Scan# 482
 Delta R.T. -0.00 min
 Lab File: VD063444.D
 Acq: 8 Aug 2019 17:52

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





#38

Carbon Tetrachloride

Concen: 4.801 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.05 min

Lab File: VD063444.D

Acq: 8 Aug 2019 17:52

Instrument :

MSVOA_D

ClientSampleId :

SP-6

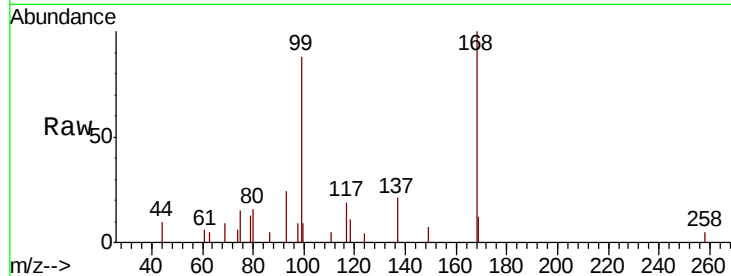
Tgt Ion: 117 Resp: 3108

Ion Ratio Lower Upper

117 100

119 0.0 78.2 117.2#

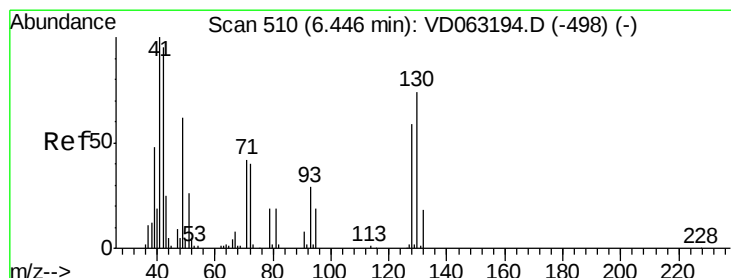
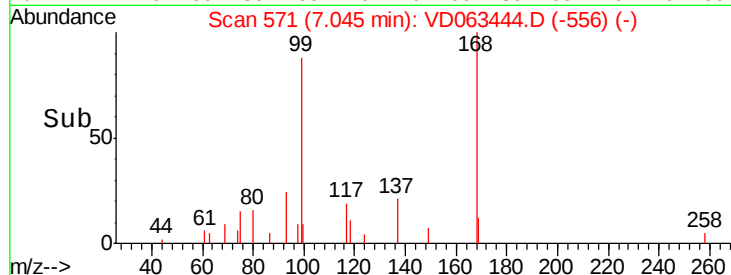
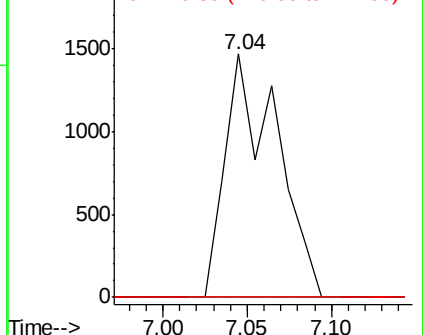
121 0.0 22.1 33.1#



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



#41

Methacrylonitrile

Concen: 3.518 ug/l

RT: 6.47 min Scan# 513

Delta R.T. 0.03 min

Lab File: VD063444.D

Acq: 8 Aug 2019 17:52

Tgt Ion: 41 Resp: 813

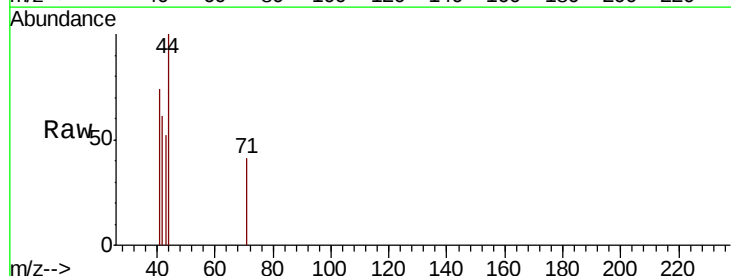
Ion Ratio Lower Upper

41 100

39 0.0 38.4 57.6#

67 0.0 6.7 10.1#

52 0.0 4.3 6.5#

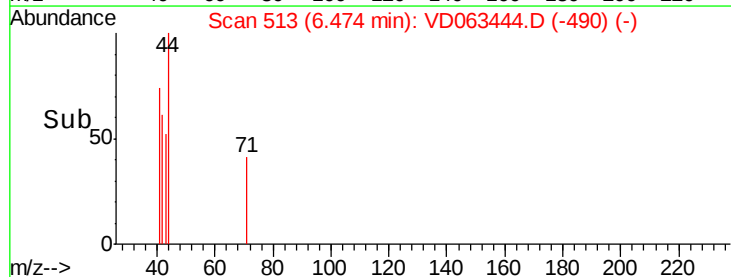
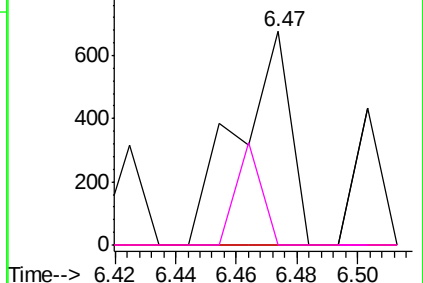


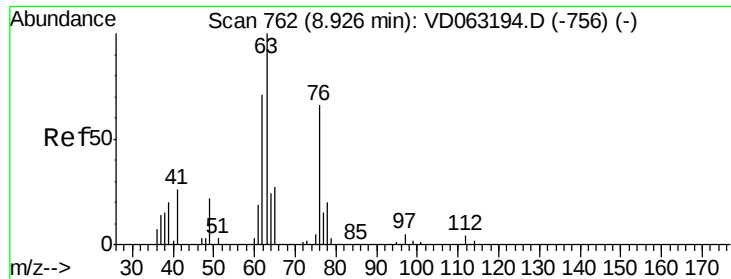
Abundance Ion 40.95 (40.65 to 41.65): V

Ion 38.95 (38.65 to 39.65): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#45

1,2-Dichloropropane

Concen: 1.327 ug/l

RT: 8.79 min Scan# 748

Delta R.T. -0.14 min

Lab File: VD063444.D

Acq: 8 Aug 2019 17:52

Instrument :

MSVOA_D

ClientSampleId :

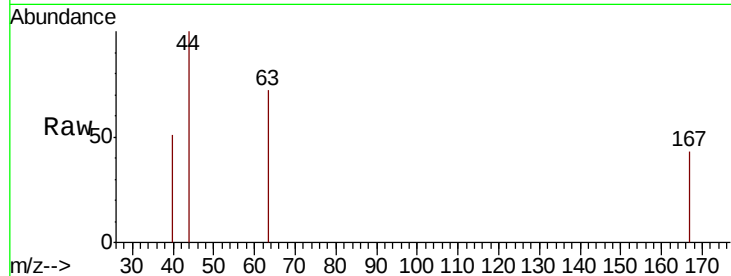
SP-6

Tgt Ion: 63 Resp: 304

Ion Ratio Lower Upper

63 100

65 0.0 23.6 35.4#



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

8.79

500

400

300

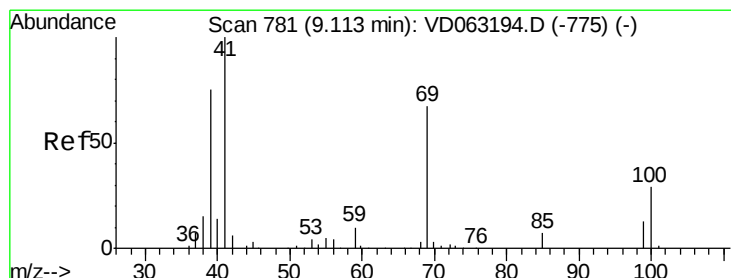
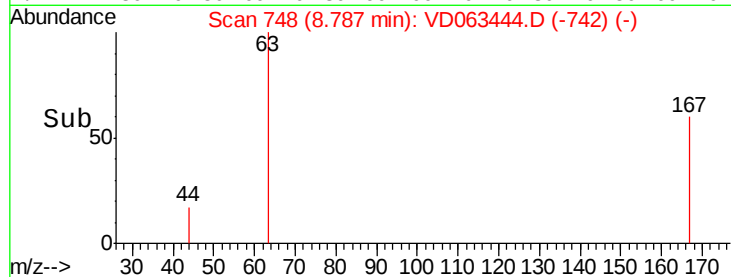
200

100

0

8.78 8.80

Time-->



#48

Methyl methacrylate

Concen: 1.112 ug/l

RT: 9.17 min Scan# 787

Delta R.T. 0.06 min

Lab File: VD063444.D

Acq: 8 Aug 2019 17:52

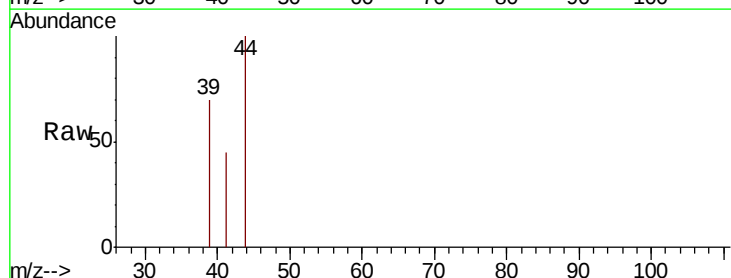
Tgt Ion: 41 Resp: 178

Ion Ratio Lower Upper

41 100

69 0.0 53.4 80.0#

39 157.3 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

600

500

400

300

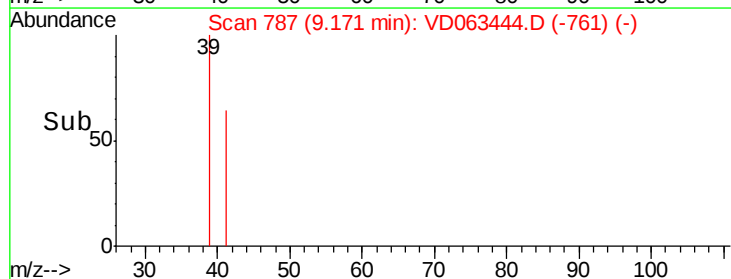
200

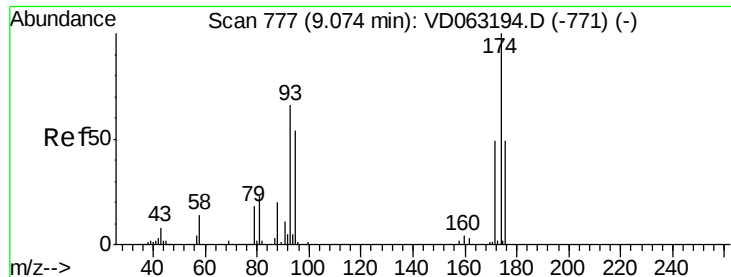
100

0

9.14 9.16 9.18 9.20

Time-->





#49

1,4-Dioxane

Concen: 138.800 ug/l

RT: 9.42 min Scan# 812

Delta R.T. 0.34 min

Lab File: VD063444.D

Acq: 8 Aug 2019 17:52

Instrument :

MSVOA_D

ClientSampleId :

SP-6

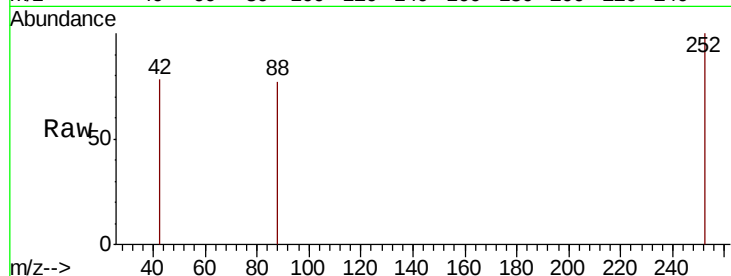
Tgt Ion: 88 Resp: 193

Ion Ratio Lower Upper

88 100

43 0.0 30.7 46.1#

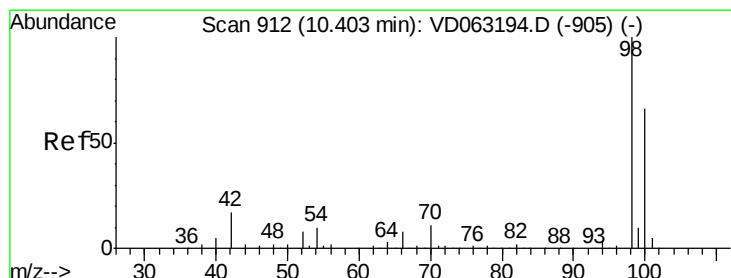
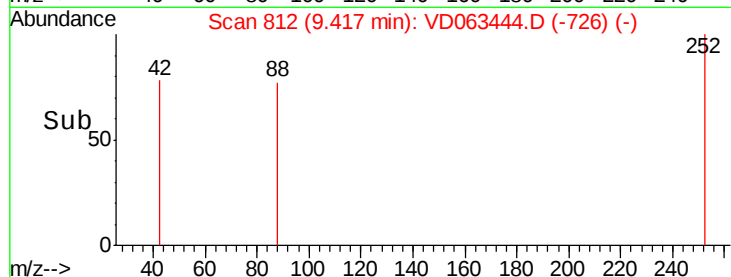
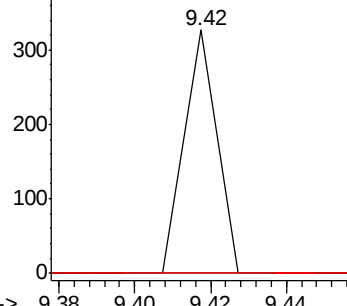
58 0.0 56.5 84.7#



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: 52.964 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD063444.D

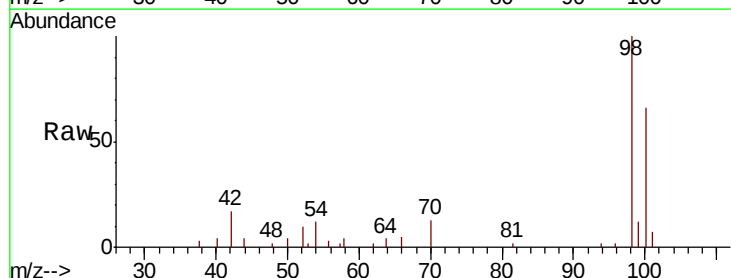
Acq: 8 Aug 2019 17:52

Tgt Ion: 98 Resp: 47686

Ion Ratio Lower Upper

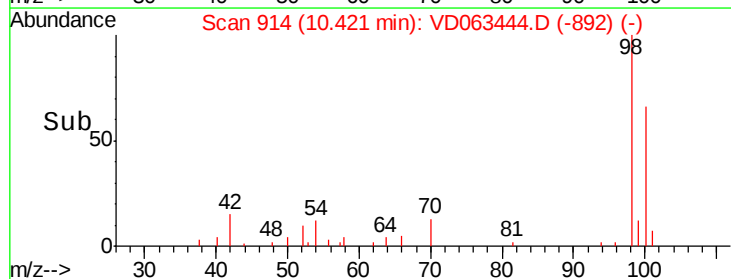
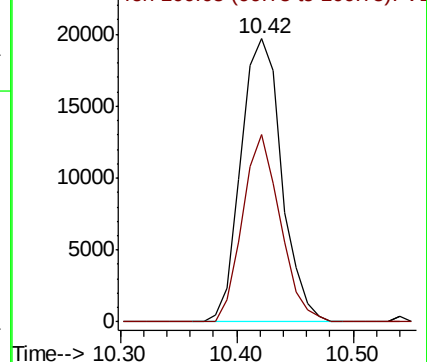
98 100

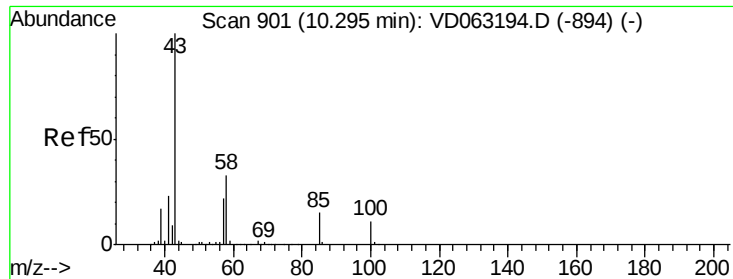
100 66.2 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

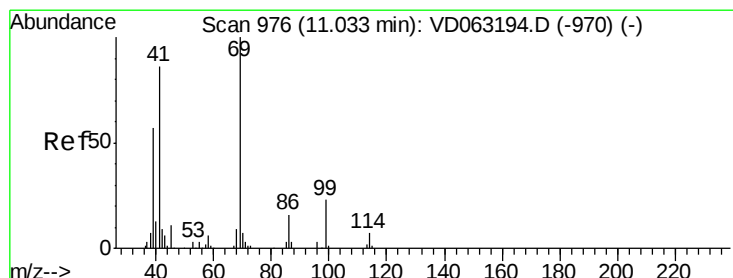
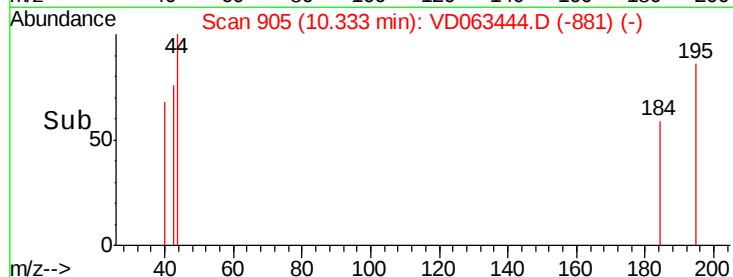
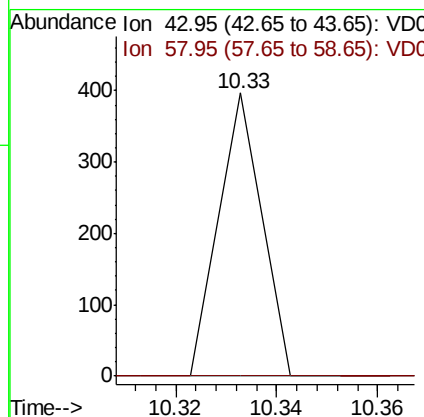
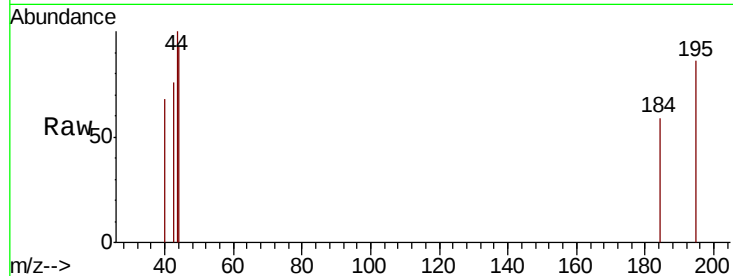




#51
 4-Methyl-2-Pentanone
 Concen: 1.394 ug/l
 RT: 10.33 min Scan# 905
 Delta R.T. 0.04 min
 Lab File: VD063444.D
 Acq: 8 Aug 2019 17:52

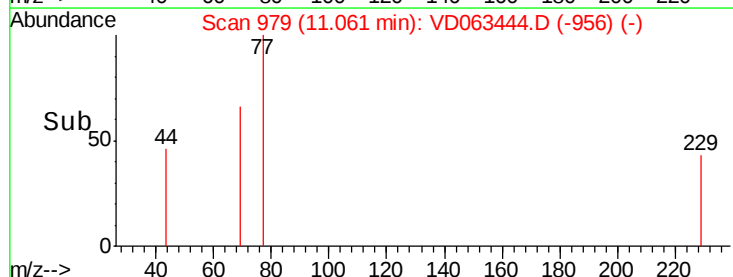
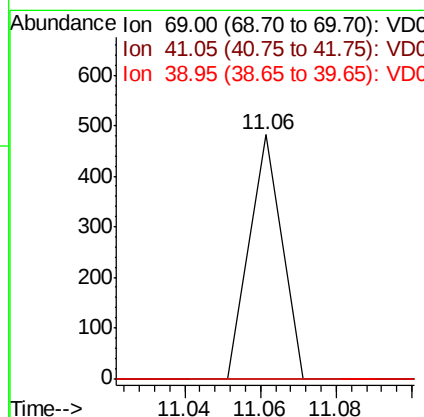
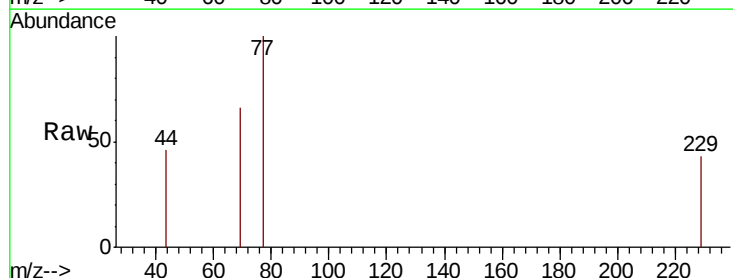
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-6

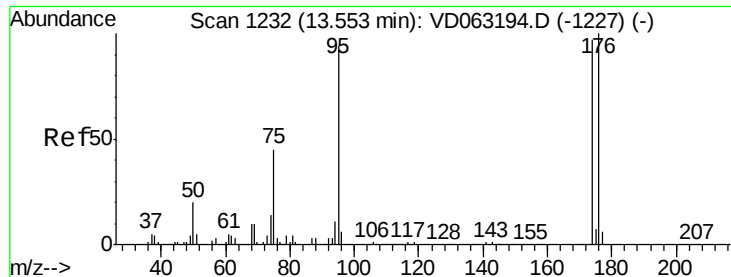
Tgt Ion: 43 Resp: 234
 Ion Ratio Lower Upper
 43 100
 58 0.0 26.2 39.2#



#56
 Ethyl methacrylate
 Concen: 1.286 ug/l
 RT: 11.06 min Scan# 979
 Delta R.T. 0.03 min
 Lab File: VD063444.D
 Acq: 8 Aug 2019 17:52

Tgt Ion: 69 Resp: 285
 Ion Ratio Lower Upper
 69 100
 41 0.0 68.8 103.2#
 39 0.0 45.8 68.8#





#62

4-Bromofluorobenzene

Concen: 40.525 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD063444.D

Acq: 8 Aug 2019 17:52

Instrument :

MSVOA_D

ClientSampleId :

SP-6

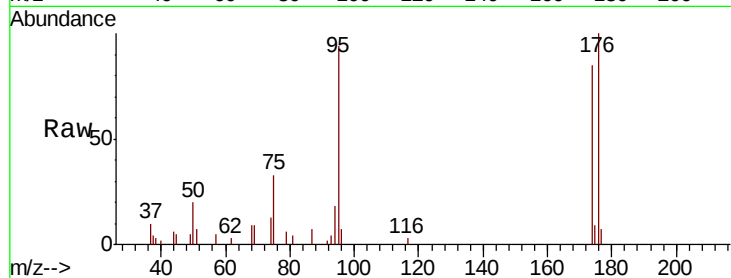
Tgt Ion: 95 Resp: 16627

Ion Ratio Lower Upper

95 100

174 90.4 0.0 205.4

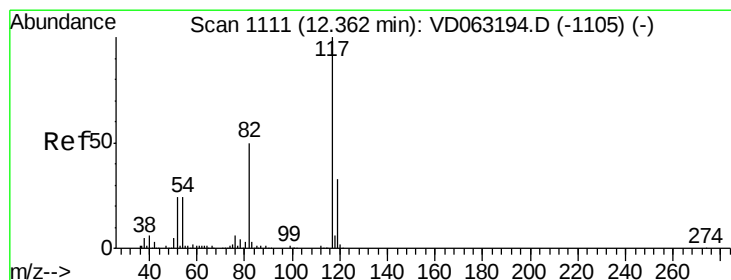
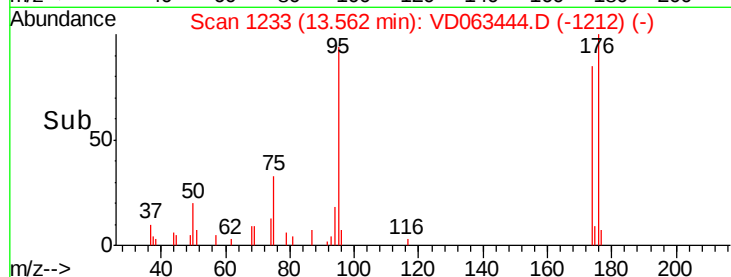
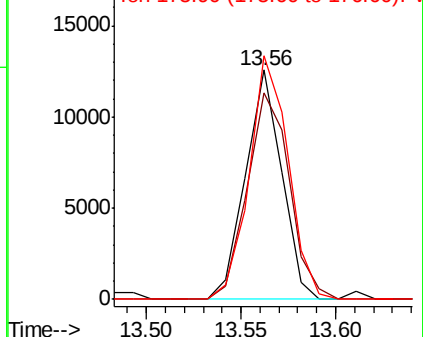
176 106.2 0.0 211.8



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: VD063444.D

Acq: 8 Aug 2019 17:52

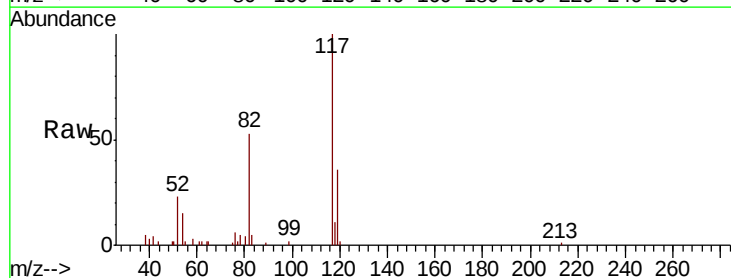
Tgt Ion: 117 Resp: 40067

Ion Ratio Lower Upper

117 100

82 52.5 40.1 60.1

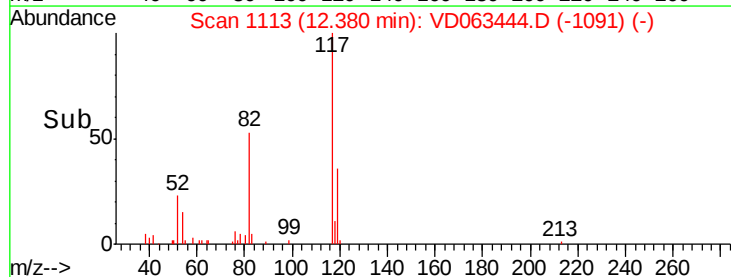
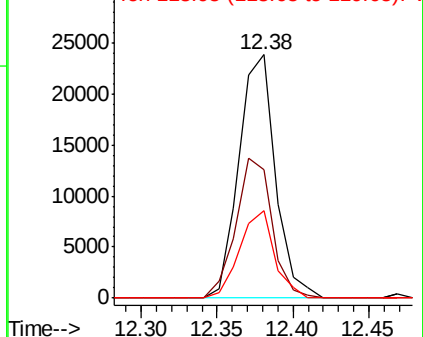
119 35.7 26.5 39.7

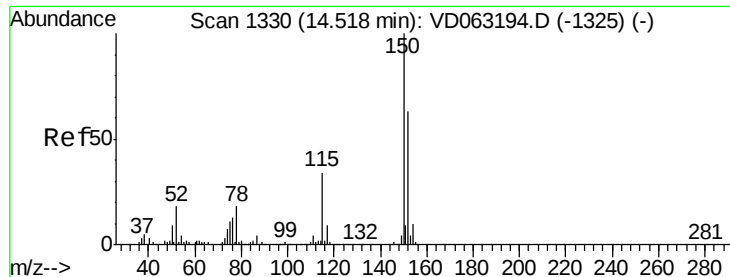


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD063444.D

Acq: 8 Aug 2019 17:52

Instrument :

MSVOA_D

ClientSampleId :

SP-6

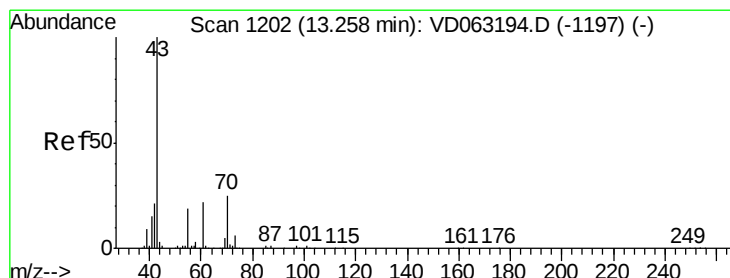
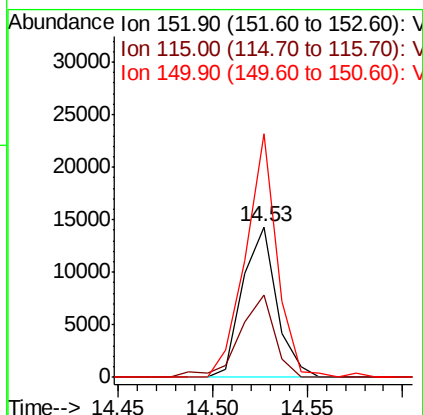
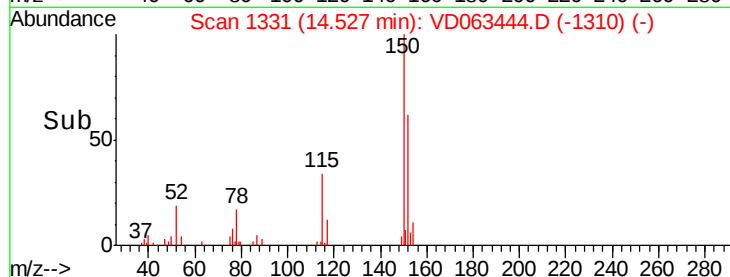
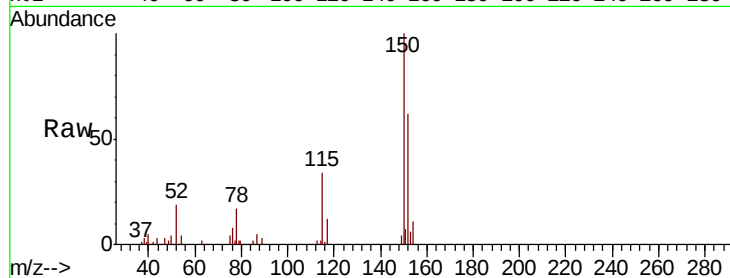
Tgt Ion:152 Resp: 17779

Ion Ratio Lower Upper

152 100

115 55.0 27.5 82.4

150 162.1 0.0 320.6



#74

N-ethyl acetate

Concen: 1.600 ug/l

RT: 13.05 min Scan# 1181

Delta R.T. -0.21 min

Lab File: VD063444.D

Acq: 8 Aug 2019 17:52

Tgt Ion: 43 Resp: 472

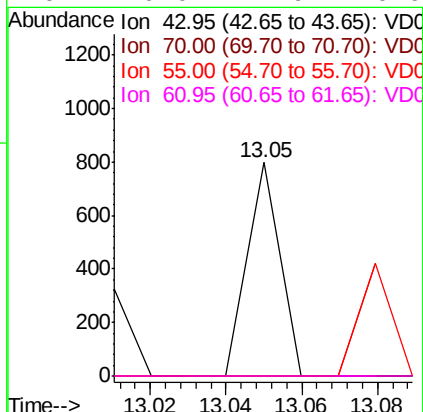
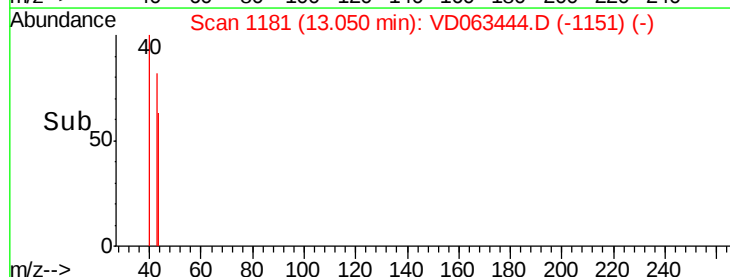
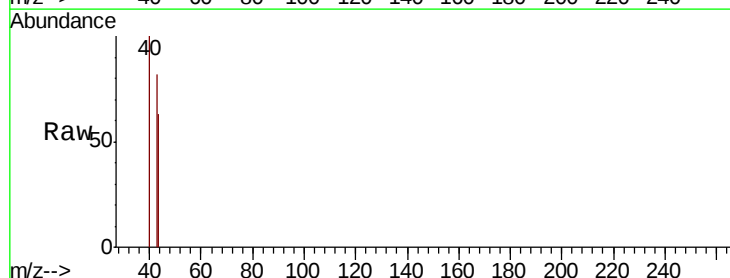
Ion Ratio Lower Upper

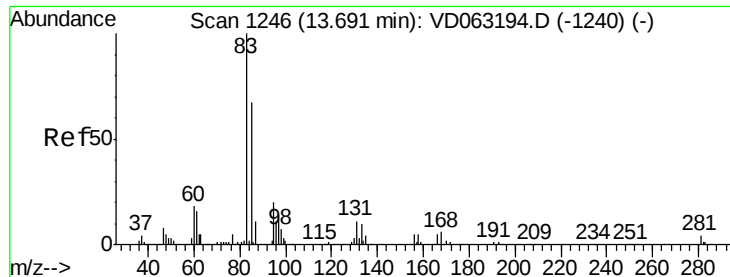
43 100

70 0.0 20.2 30.4#

55 0.0 14.9 22.3#

61 0.0 17.9 26.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.039 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. 0.08 min

Lab File: VD063444.D

Acq: 8 Aug 2019 17:52

Instrument :

MSVOA_D

ClientSampleId :

SP-6

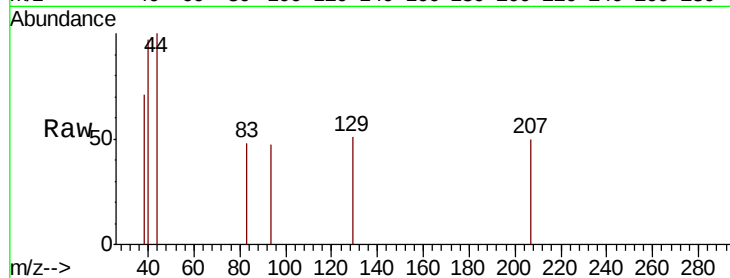
Tgt Ion: 83 Resp: 197

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.7#

85 0.0 33.7 101.1#



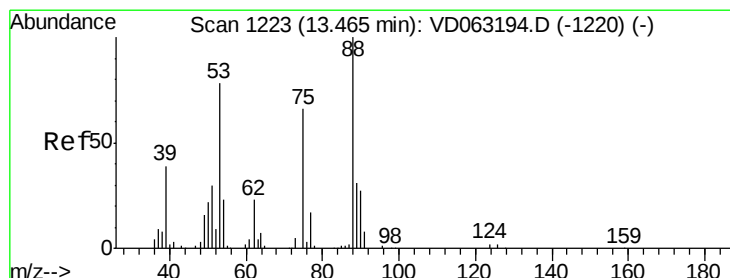
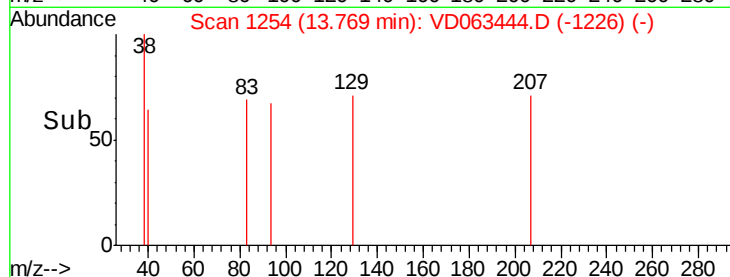
Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC

13.77

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 117.440 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.10 min

Lab File: VD063444.D

Acq: 8 Aug 2019 17:52

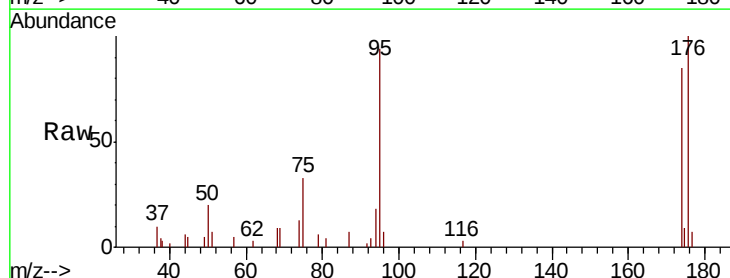
Tgt Ion: 75 Resp: 6964

Ion Ratio Lower Upper

75 100

53 0.0 94.9 142.3#

89 0.0 37.4 56.0#



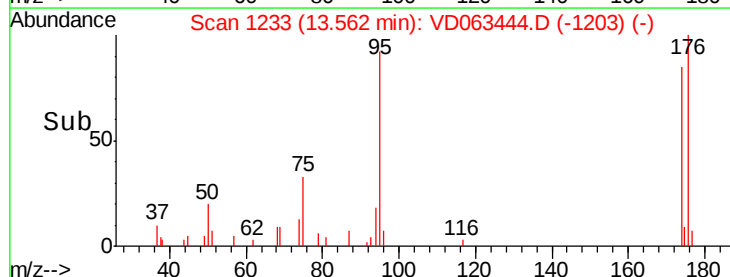
Abundance Ion 75.00 (74.70 to 75.70): VDC

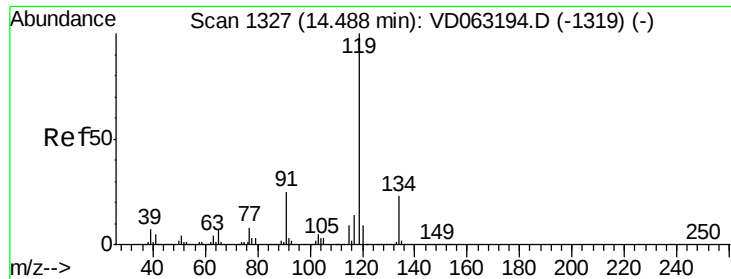
Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

13.56

Time-->

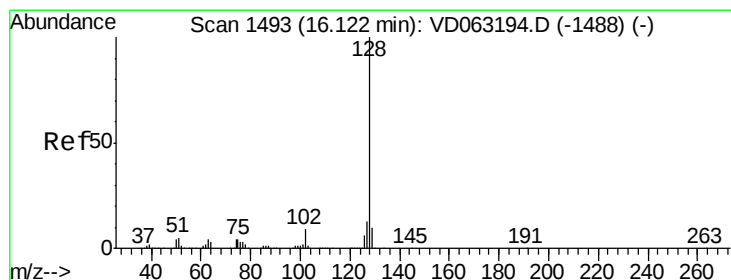
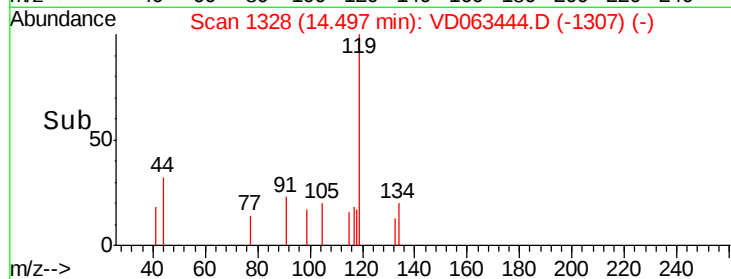
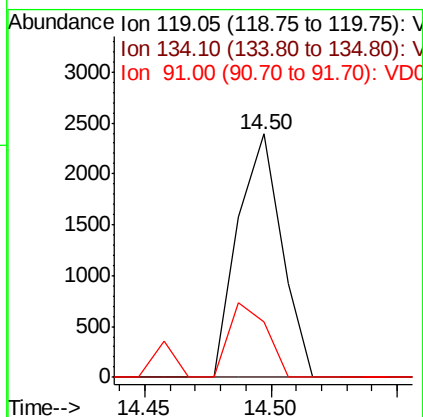
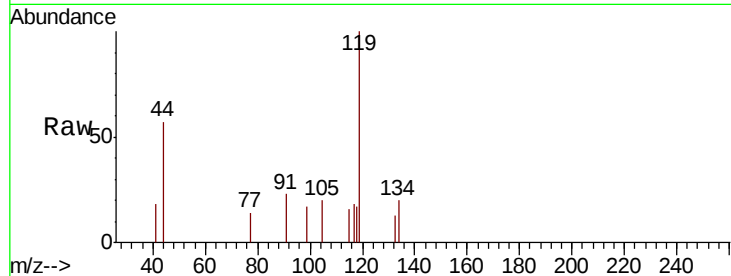




#86
 p-Isopropyltoluene
 Concen: 2.615 ug/l
 RT: 14.50 min Scan# 1328
 Delta R.T. 0.01 min
 Lab File: VD063444.D
 Acq: 8 Aug 2019 17:52

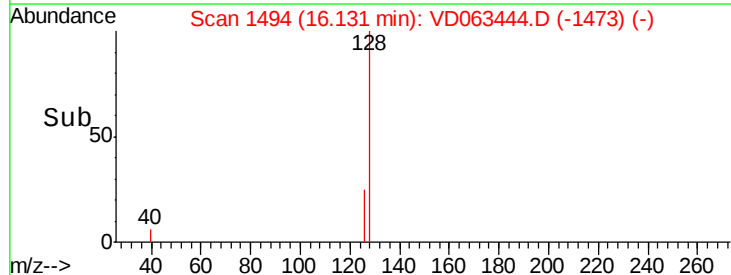
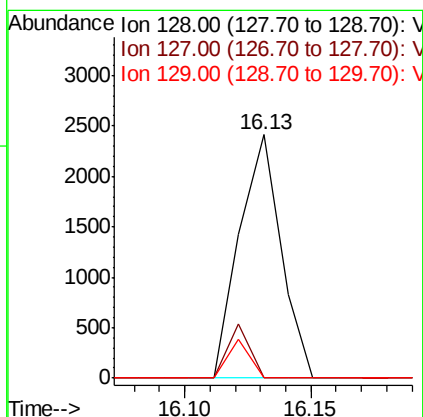
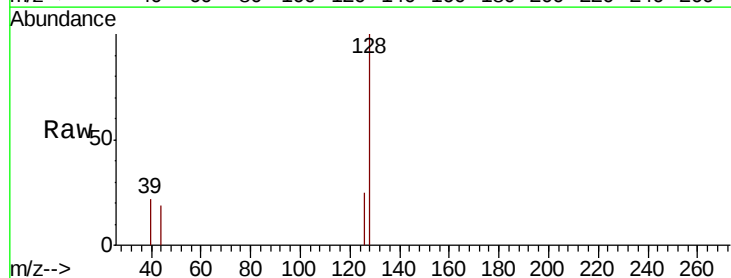
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-6

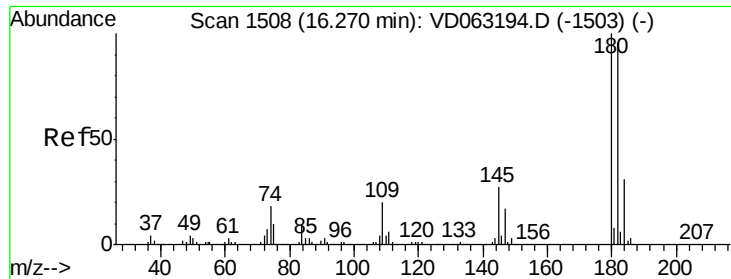
Tgt Ion:119 Resp: 2890
 Ion Ratio Lower Upper
 119 100
 134 0.0 11.5 34.5#
 91 22.8 12.6 37.6



#95
 Naphthalene
 Concen: 5.013 ug/l
 RT: 16.13 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: VD063444.D
 Acq: 8 Aug 2019 17:52

Tgt Ion:128 Resp: 2757
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.2 15.4#
 129 0.0 7.8 11.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.292 ug/l
 RT: 16.26 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: VD063444.D
 Acq: 8 Aug 2019 17:52

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-6

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.3	144.9#
145	0.0	13.6	40.7#

