

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%	

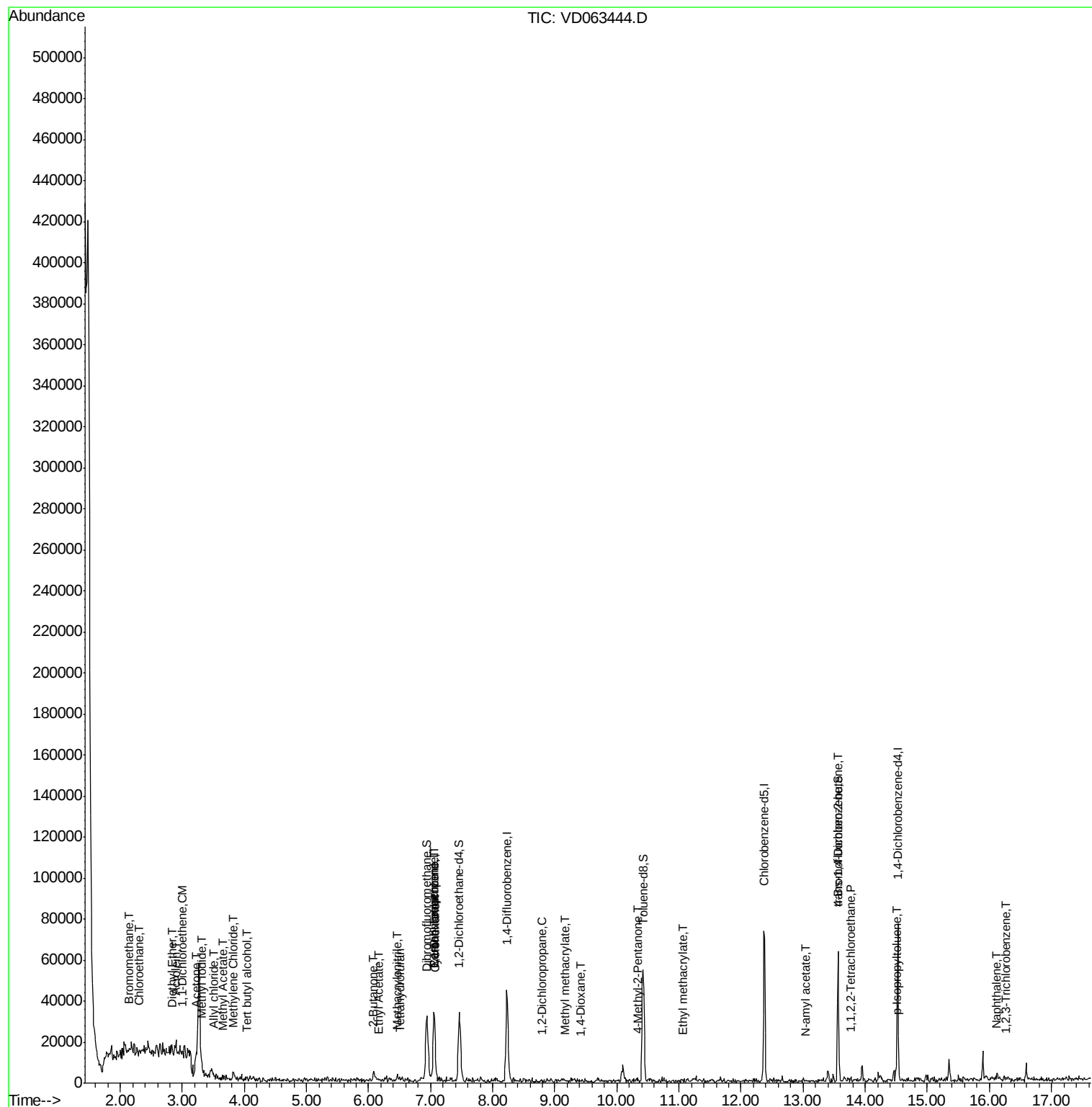
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.14	94	1007	6.542	ug/l #	12
6) Chloroethane	2.31	64	314	2.228	ug/l #	47
8) Diethyl Ether	2.85	74	200	2.413	ug/l	89
10) Methyl Iodide	3.32	142	810	1.709	ug/l #	27
11) Tert butyl alcohol	4.03	59	181	11.973	ug/l #	69
12) 1,1-Dichloroethene	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-ethyl 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

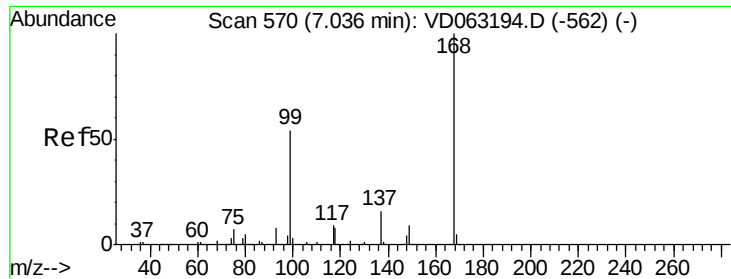
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

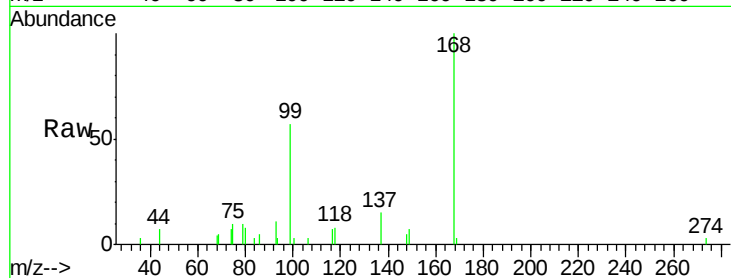
SP-6

Tot Ion:168 Resp: 31045

Ion Ratio Lower Upper

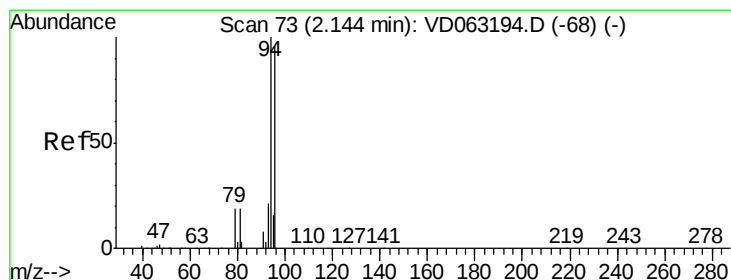
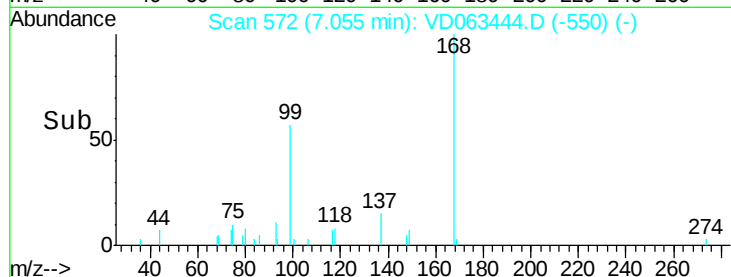
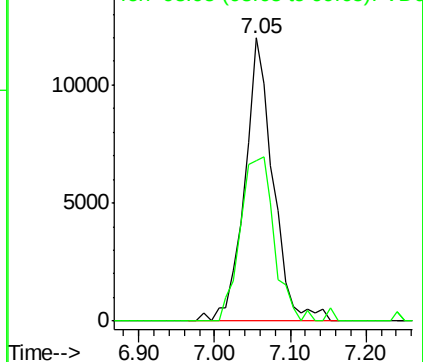
168 100

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

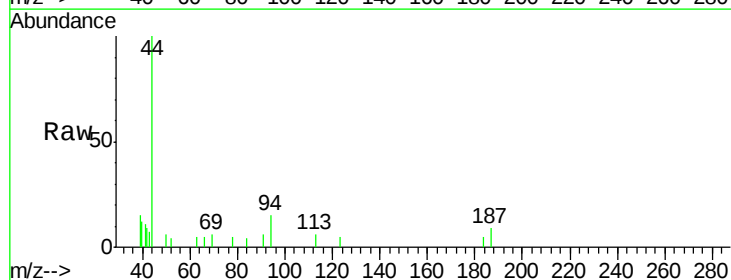
Tgt Ion: 94 Resp: 1007

Ion Ratio Lower Upper

94 100

96 0.0 76.4 114.6#

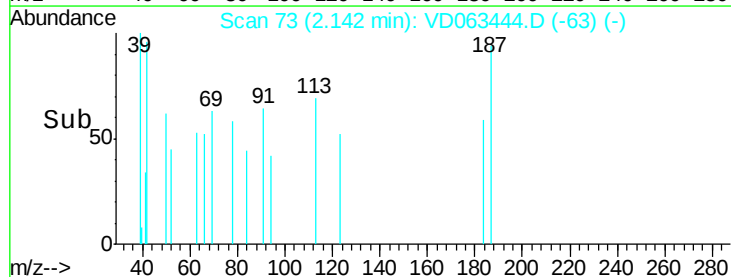
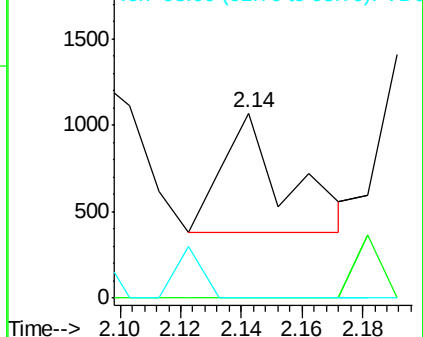
93 0.0 17.3 25.9#

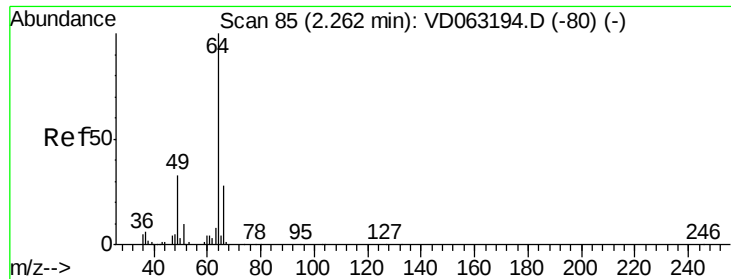


Abundance Ion 94.00 (93.70 to 94.70): VDC

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 :

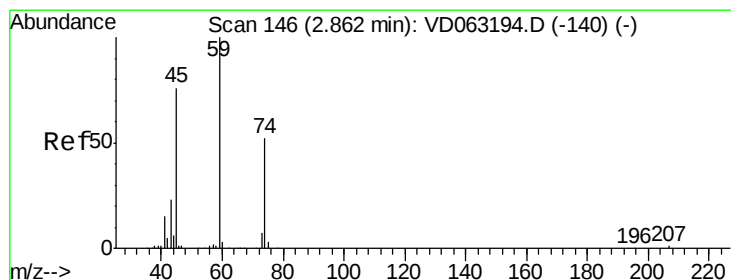
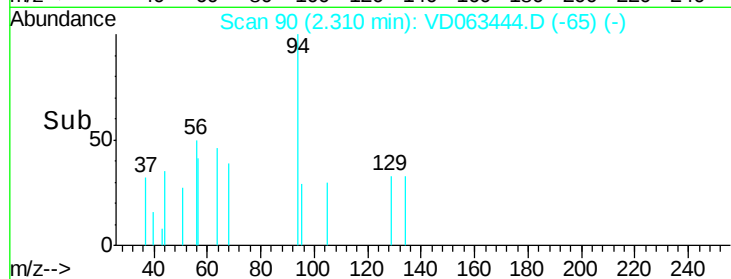
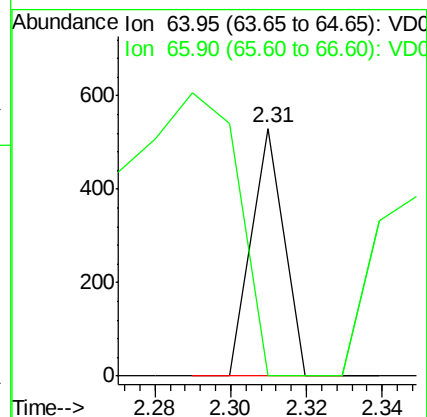
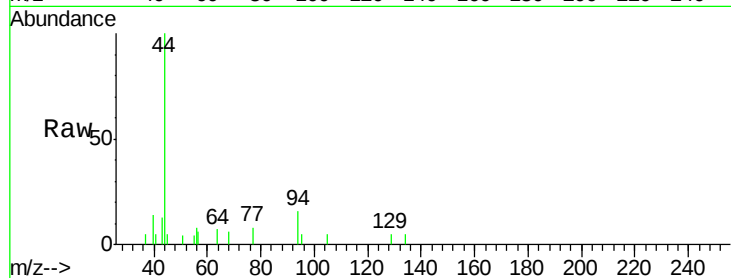
SP-6

Tot Ion: 64 Resp: 314

Ion Ratio Lower Upper

64 100

66 0.0 22.2 33.2#



#8

Diethyl Ether

Concen: 2.413 ug/l

RT: 2.85 min Scan# 145

Delta R.T. -0.01 min

Lab File: VD063444.D

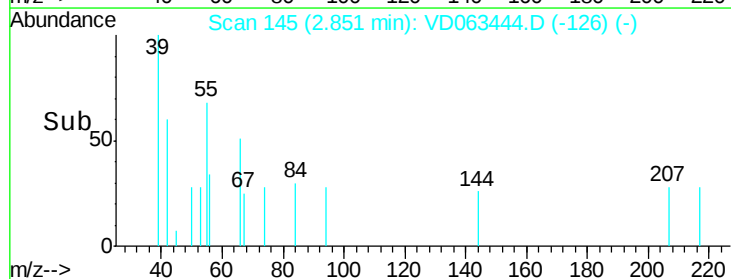
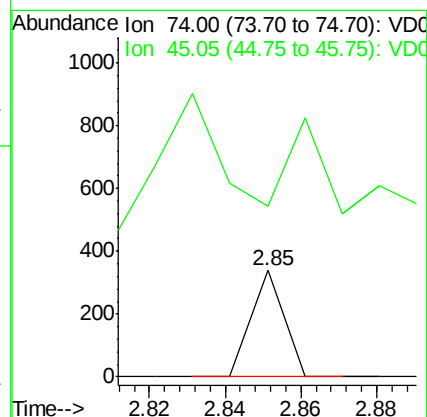
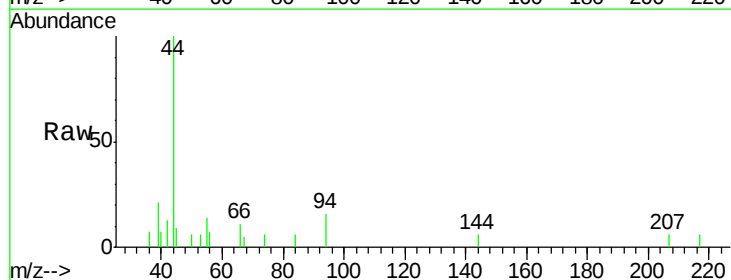
Acq: 8 Aug 2019 17:52

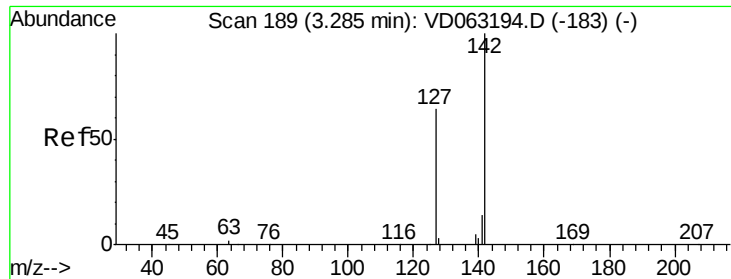
Tgt Ion: 74 Resp: 200

Ion Ratio Lower Upper

74 100

45 160.5 73.6 220.8

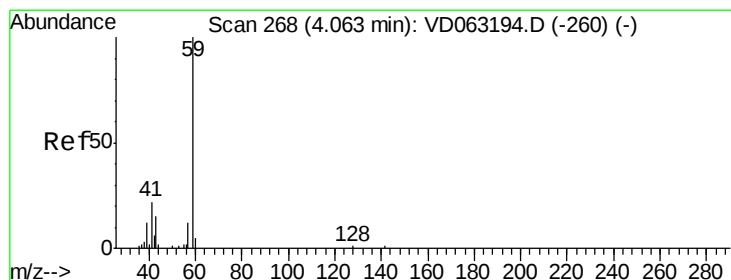
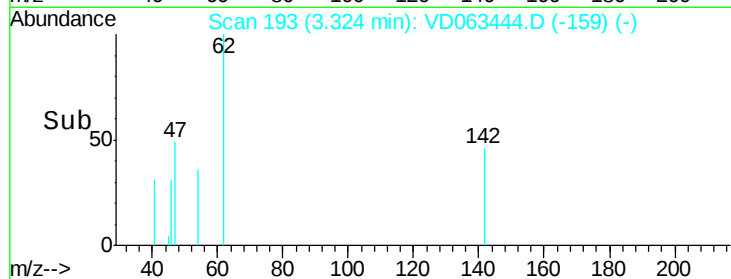
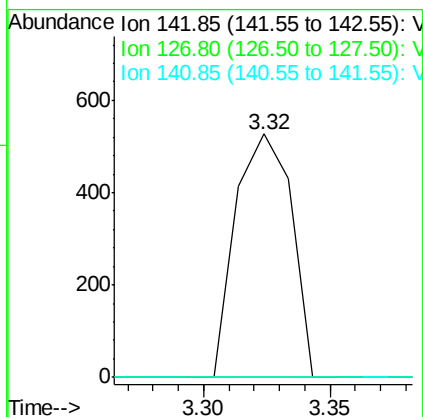
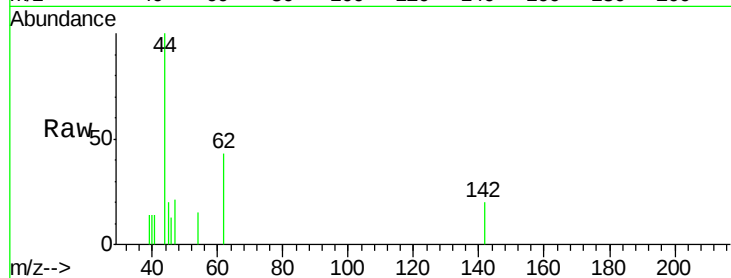




#10
Methvl Iodide
Concen: 1.709 ug/l
RT: 3.32 min Scan# 193
Delta R.T. 0.04 min
Lab File: VD063444.D
Acq: 8 Aug 2019 17:52

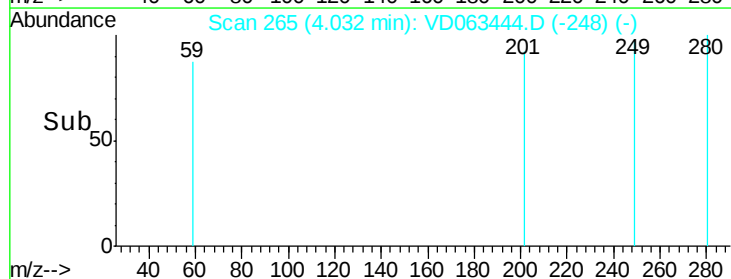
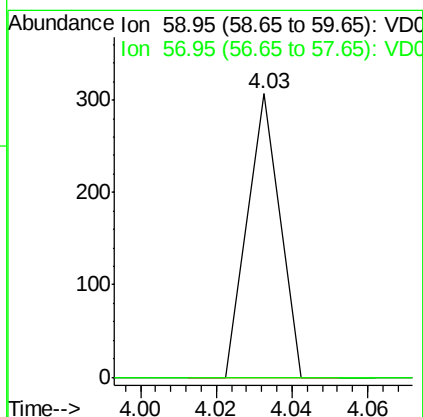
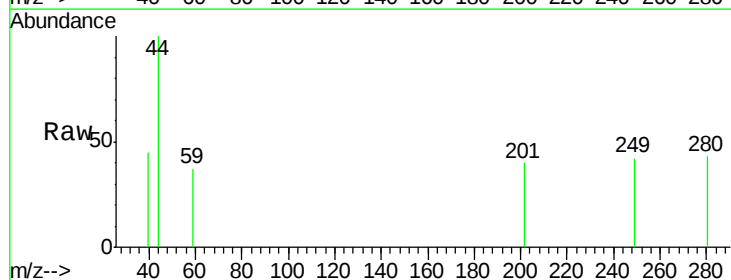
Instrument :
MSVOA_D
ClientSampleId :
SP-6

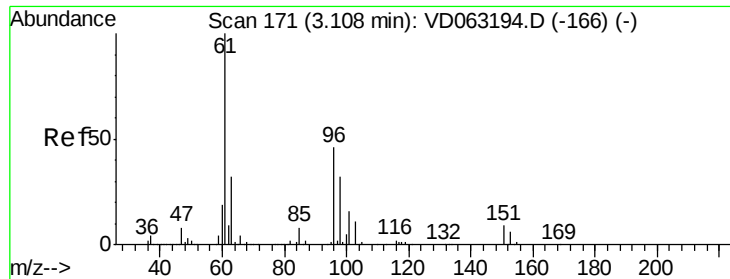
Tot Ion:142 Resp: 810
Ion Ratio Lower Upper
142 100
127 0.0 50.8 76.2#
141 0.0 11.4 17.2#



#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#





#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

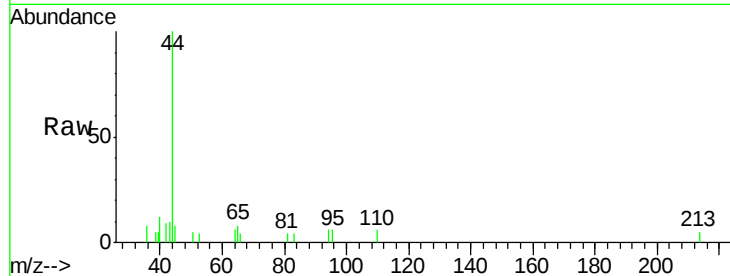
Tot Ion: 96 Resp: 449

Ion Ratio Lower Upper

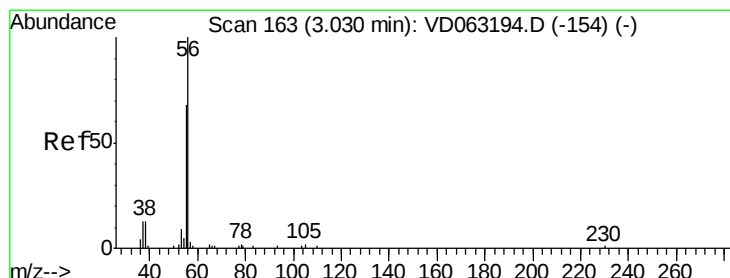
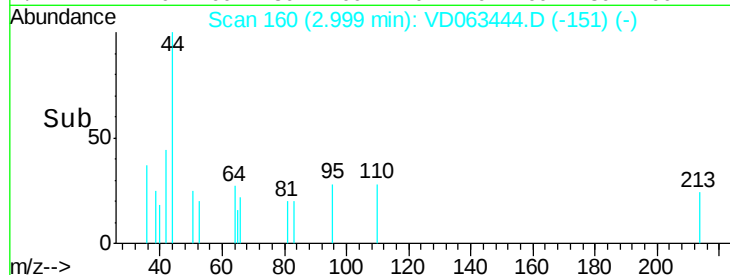
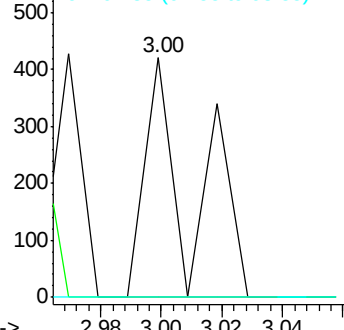
96 100

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

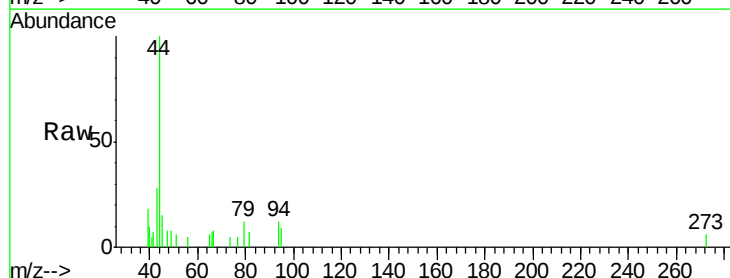
Acq: 8 Aug 2019 17:52

Tgt Ion: 56 Resp: 190

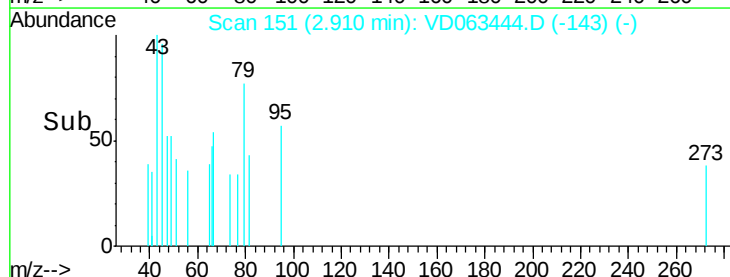
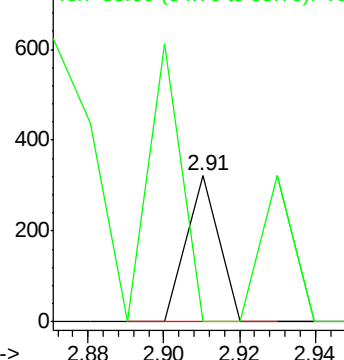
Ion Ratio Lower Upper

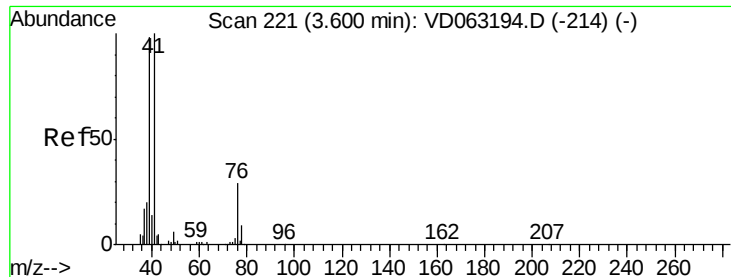
56 100

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

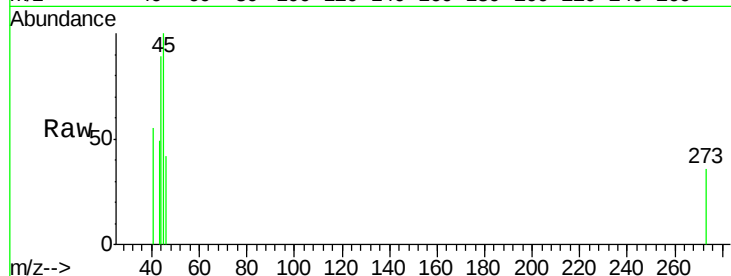




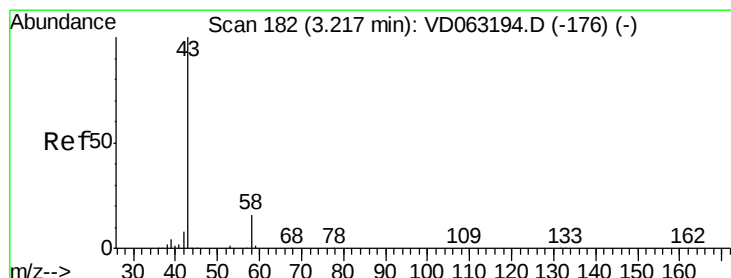
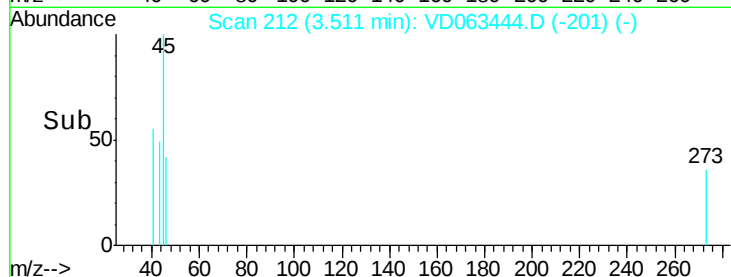
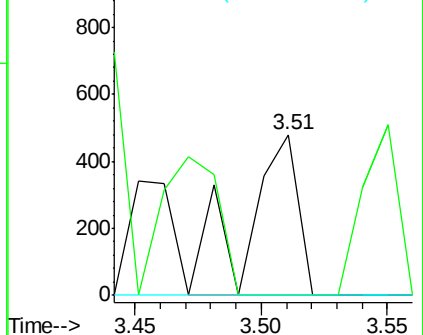
#14
Allvl chloride
Concen: 1.791 ug/l
RT: 3.51 min Scan# 212
Delta R.T. -0.09 min
Lab File: VD063444.D
Acq: 8 Aug 2019 17:52

Instrument :
MSVOA_D
ClientSampleId :
SP-6

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

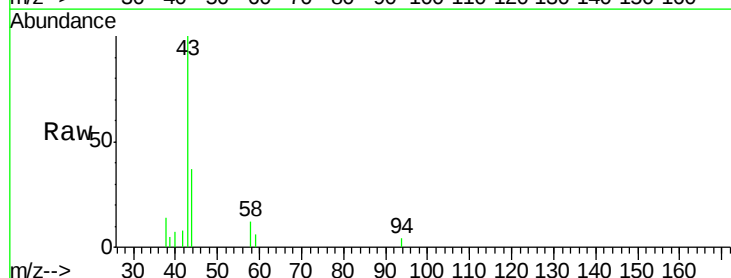


Abundance Ion 41.05 (40.75 to 41.75): VDC
Ion 38.95 (38.65 to 39.65): VDC
Ion 75.95 (75.65 to 76.65): VDC

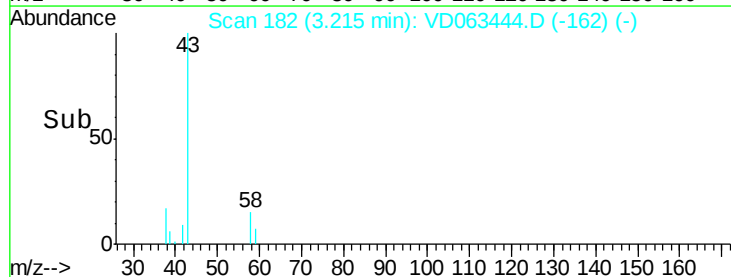
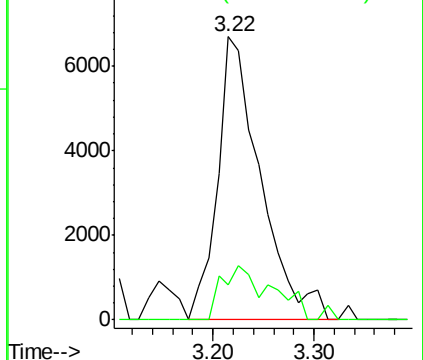


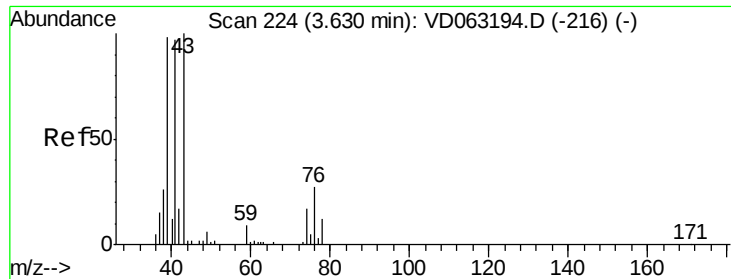
#16
Acetone
Concen: 296.378 ug/l
RT: 3.22 min Scan# 182
Delta R.T. -0.00 min
Lab File: VD063444.D
Acq: 8 Aug 2019 17:52

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

Methvl 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 :

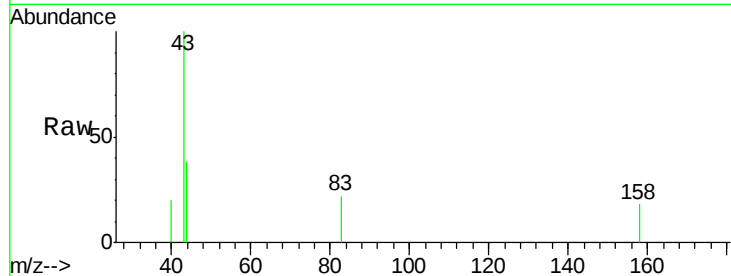
SP-6

Tot Ion: 43 Resp: 3028

Ion Ratio Lower Upper

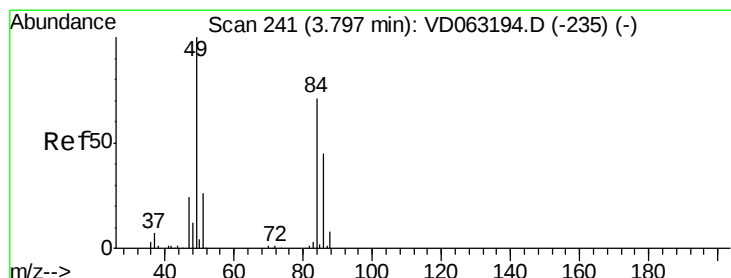
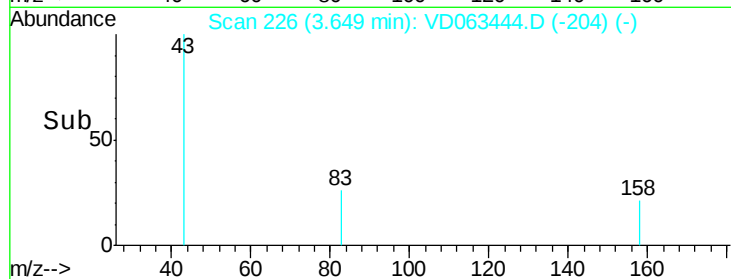
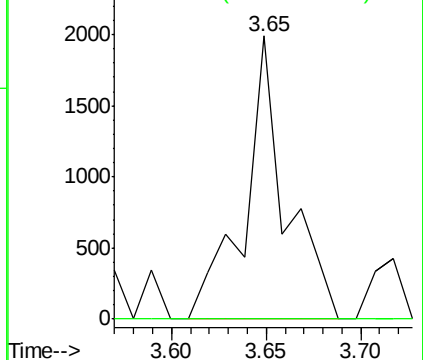
43 100

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

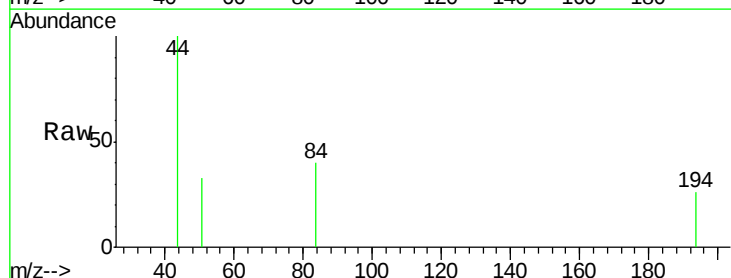
Ion Ratio Lower Upper

84 100

49 0.0 112.5 168.7#

51 82.5 29.6 44.4#

86 0.0 50.4 75.6#

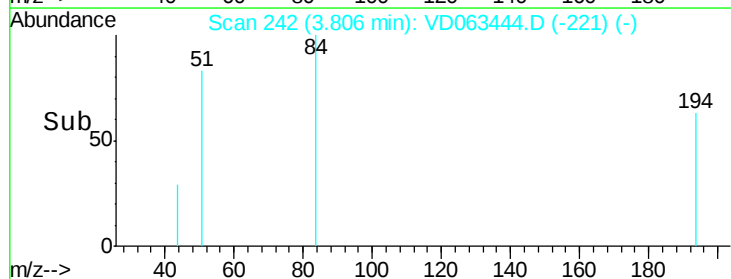
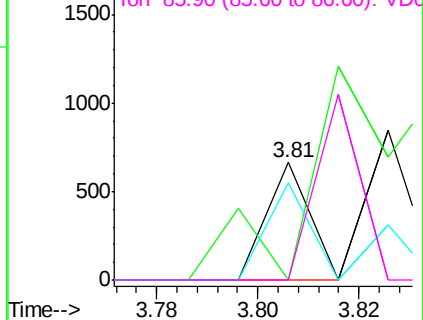


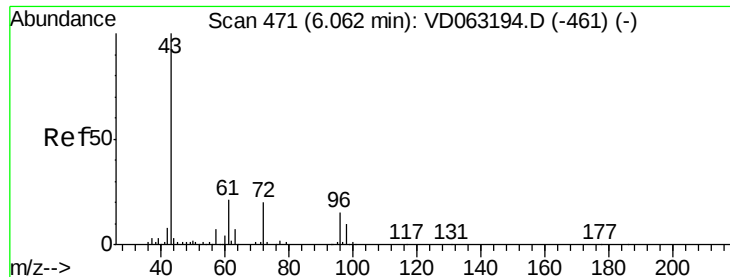
Abundance Ion 83.95 (83.65 to 84.65): VDC

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 :

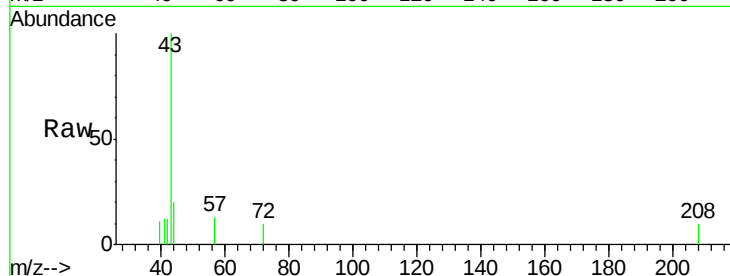
SP-6

Tot Ion: 43 Resp: 8208

Ion Ratio Lower Upper

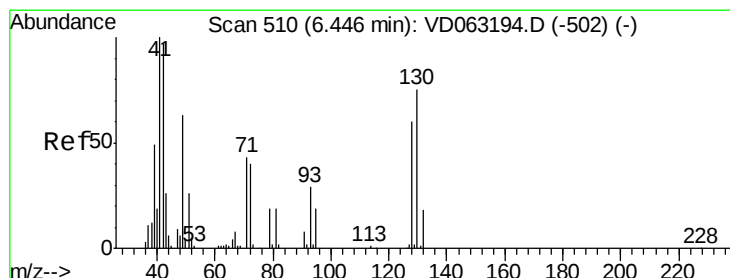
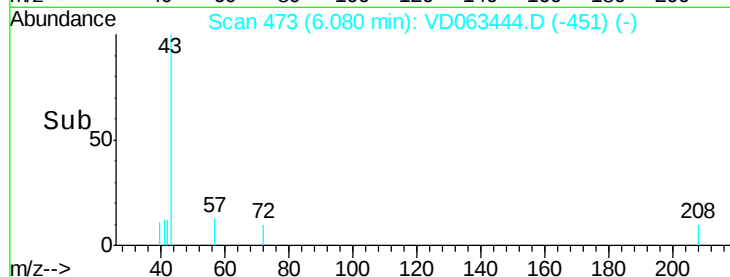
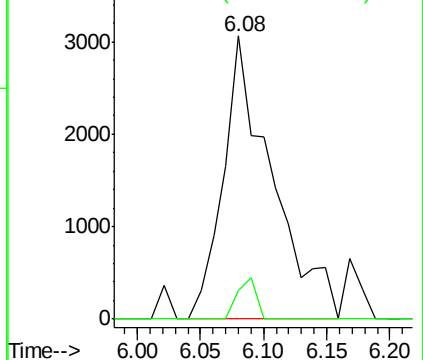
43 100

72 10.0 16.3 24.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#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

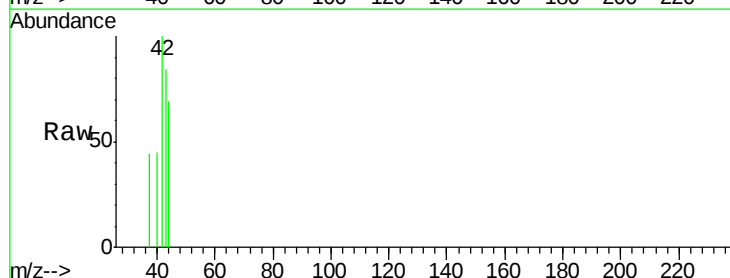
Tgt Ion: 42 Resp: 2058

Ion Ratio Lower Upper

42 100

72 0.0 33.4 50.2#

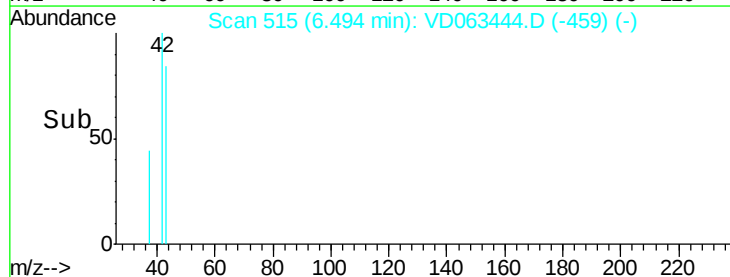
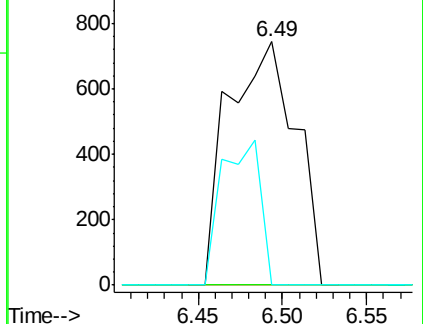
71 34.5 35.7 53.5#

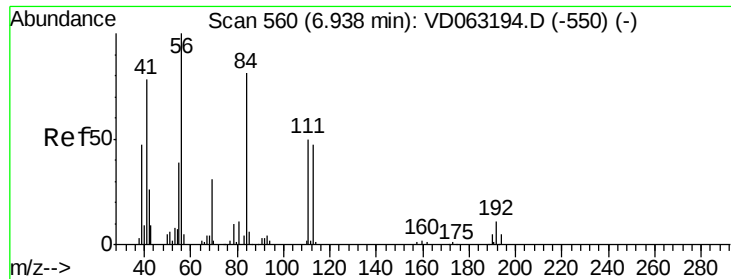


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

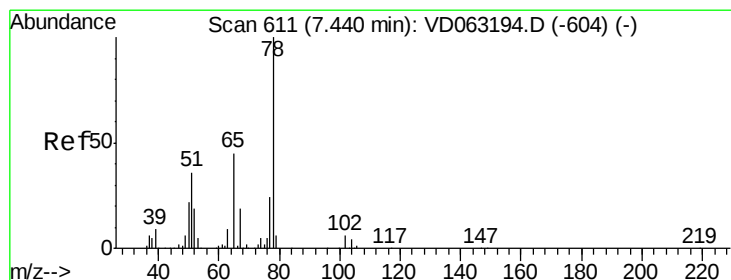
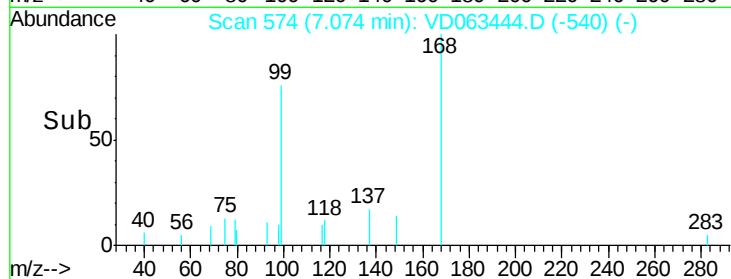
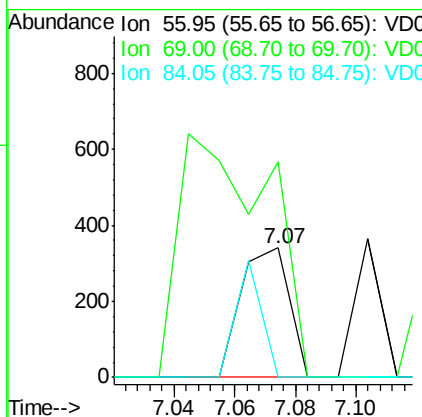
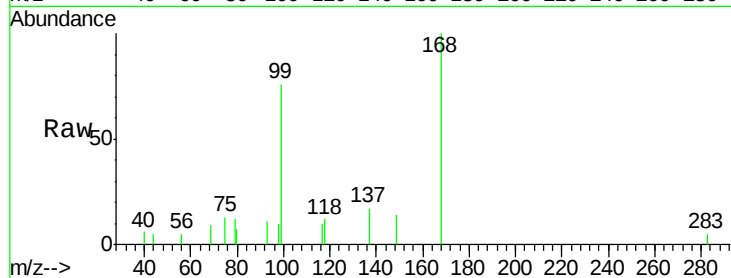




#31
Cyclohexane
Concen: 1.238 ug/l
RT: 7.07 min Scan# 574
Delta R.T. 0.14 min
Lab File: VD063444.D
Acq: 8 Aug 2019 17:52

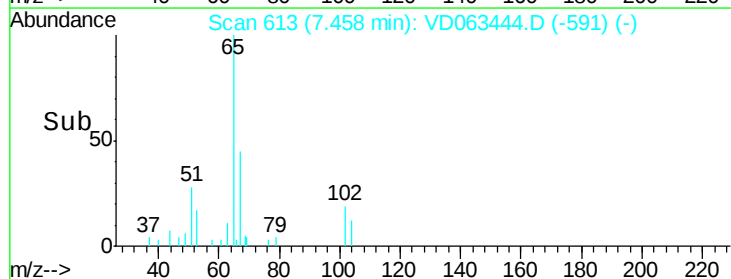
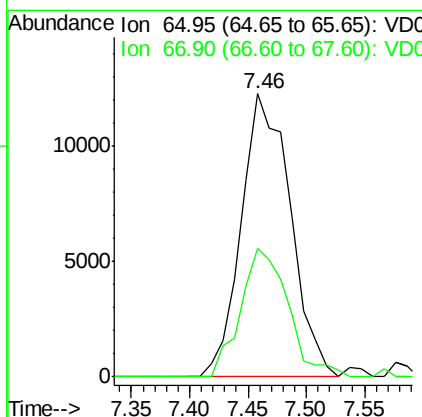
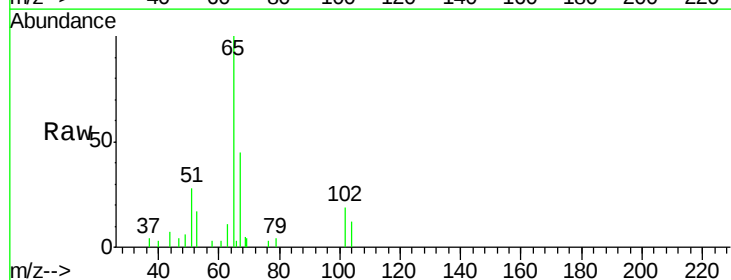
Instrument :
MSVOA_D
ClientSampleId :
SP-6

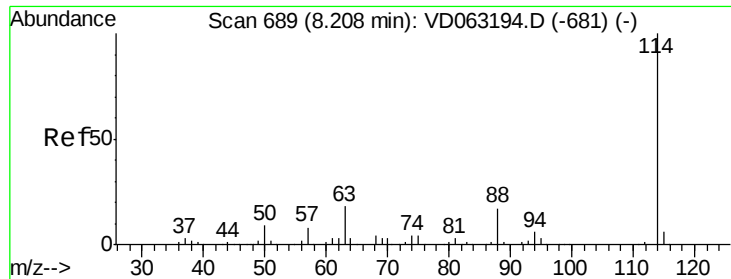
Tot Ion: 56 Resp: 380
Ion Ratio Lower Upper
56 100
69 166.0 24.5 36.7#
84 0.0 64.9 97.3#



#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

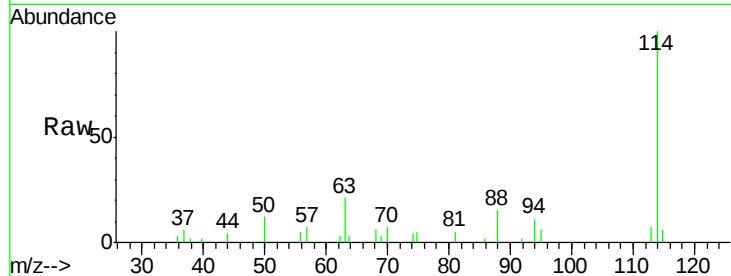
Tot Ion:114 Resp: 47120

Ion Ratio Lower Upper

114 100

63 20.6 0.0 35.2

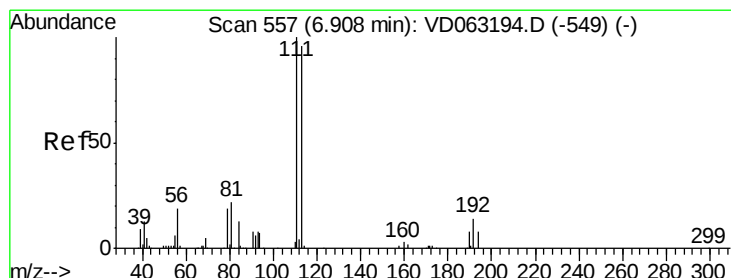
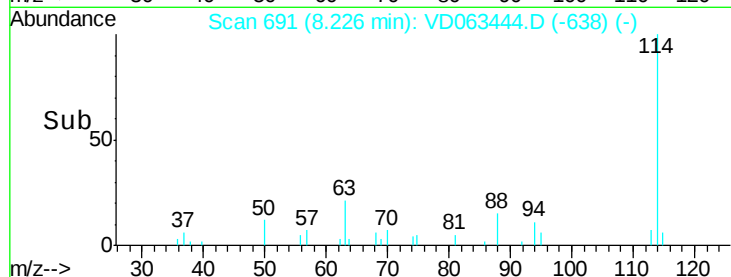
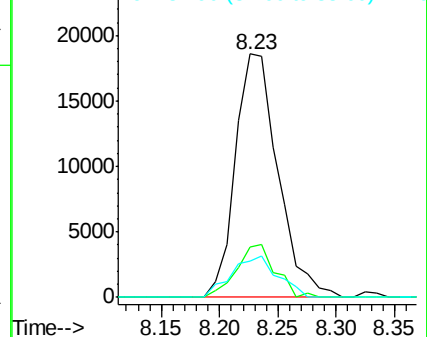
88 14.8 0.0 34.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 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

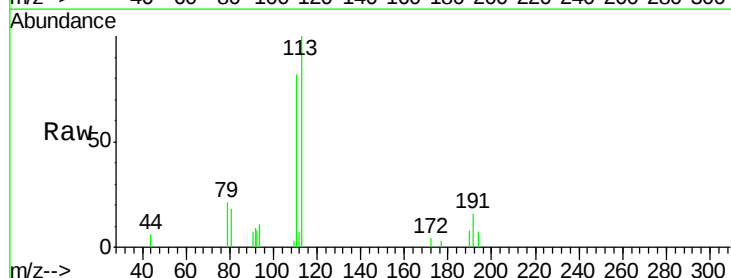
Tgt Ion:113 Resp: 28632

Ion Ratio Lower Upper

113 100

111 89.6 83.2 124.8

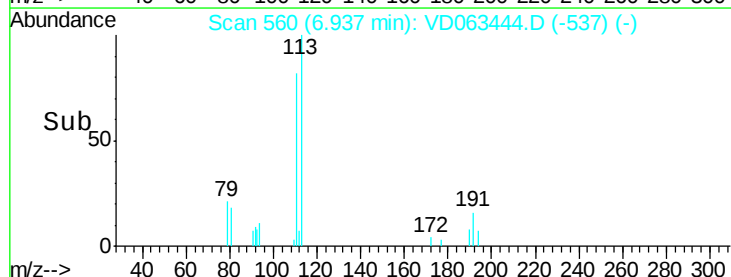
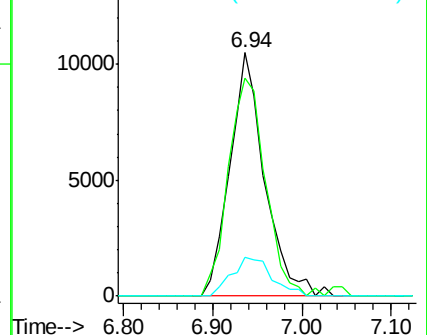
192 15.9 11.8 17.8

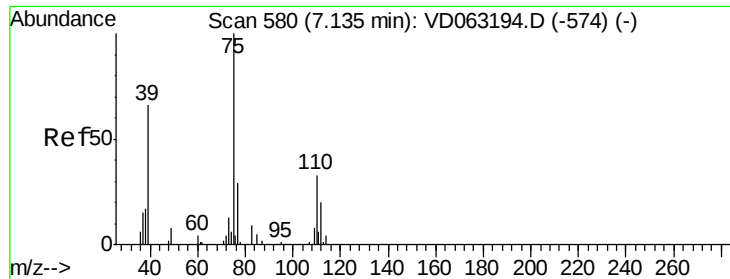


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

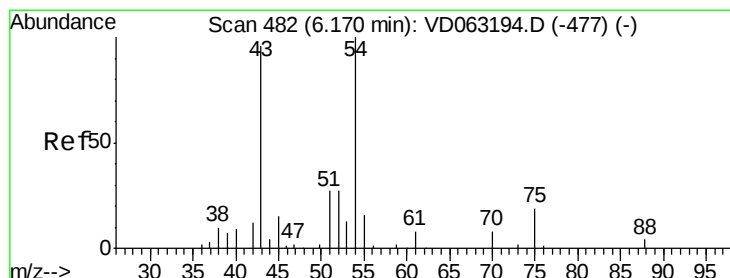
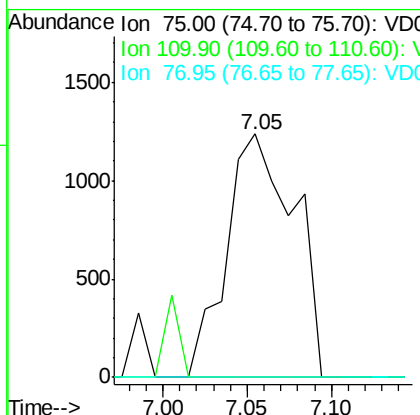
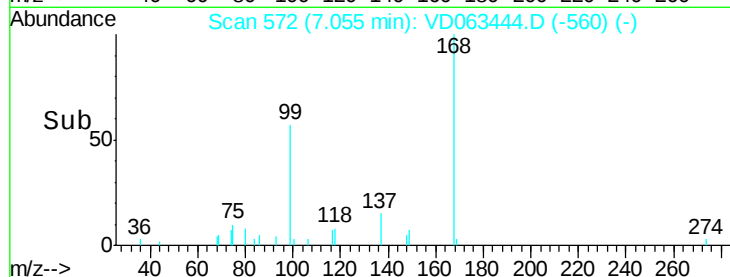
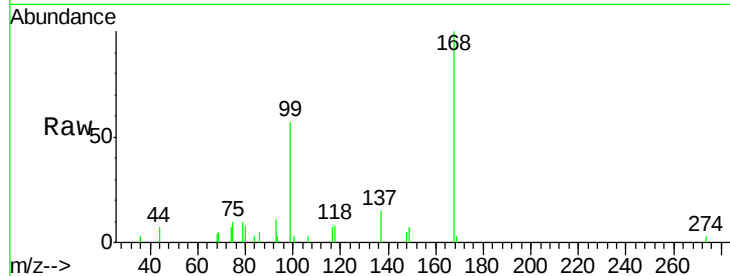




#36
 1,1-Dichloropropene
 Concen: 8.018 ug/l
 RT: 7.05 min Scan# 572
 Delta R.T. -0.08 min
 Lab File: VD063444.D
 Acq: 8 Aug 2019 17:52

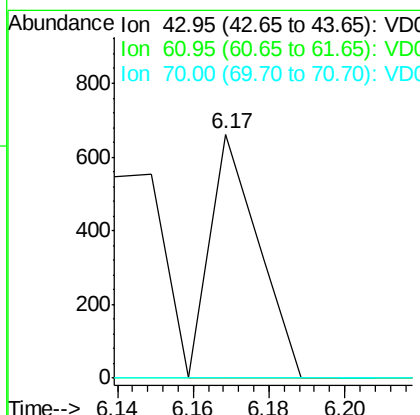
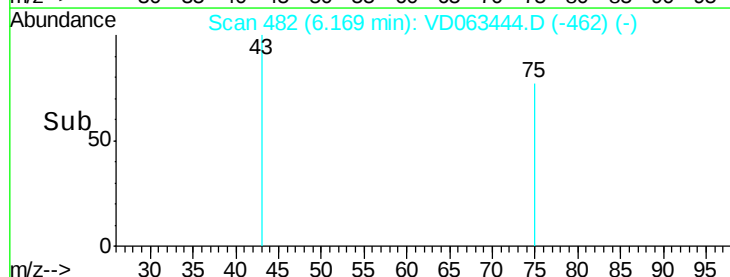
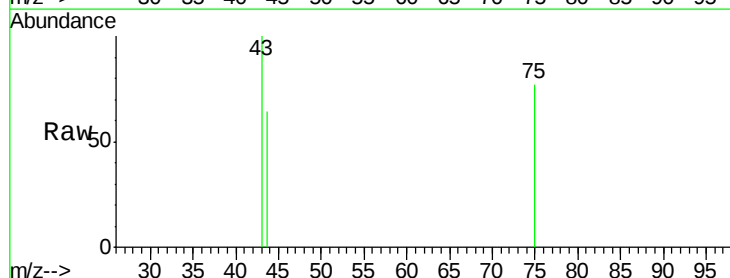
Instrument :
 MSVOA_D
 ClientSampleID :
 SP-6

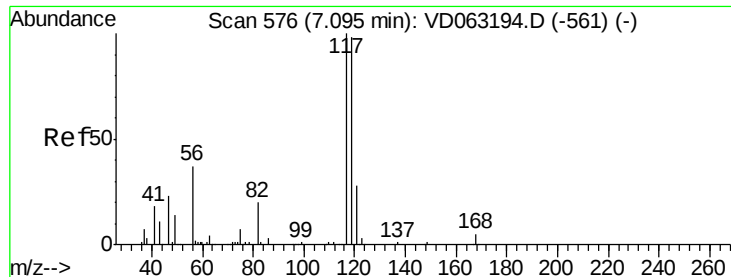
Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.1	48.2#
77	0.0	22.7	34.1#



#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

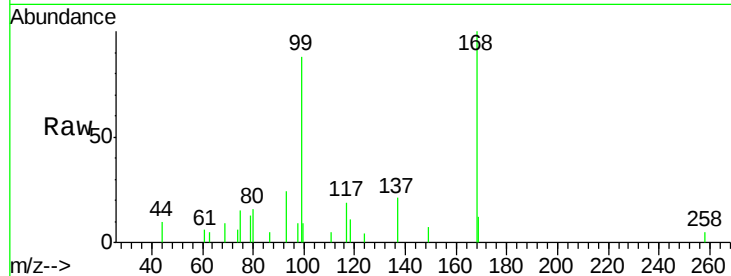
Tot Ion:117 Resp: 3108

Ion Ratio Lower Upper

117 100

119 0.0 78.2 117.2#

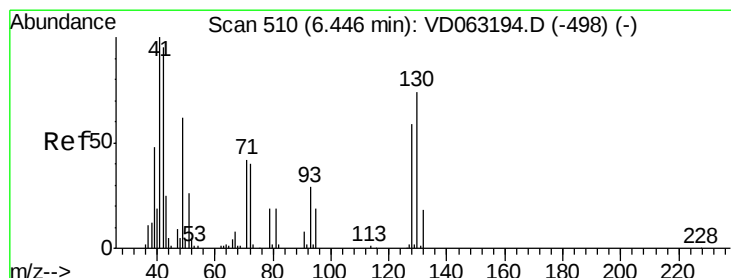
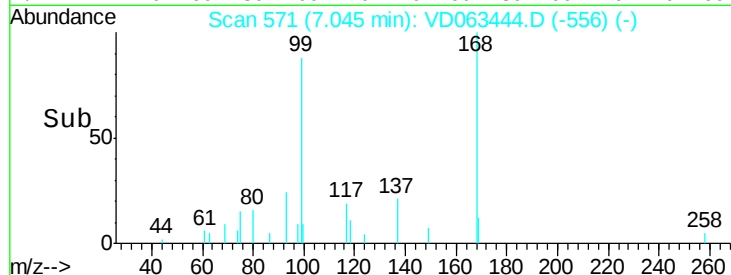
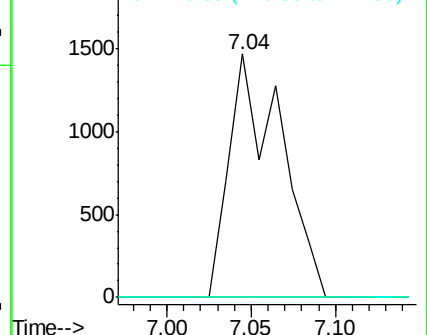
121 0.0 22.1 33.1#



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

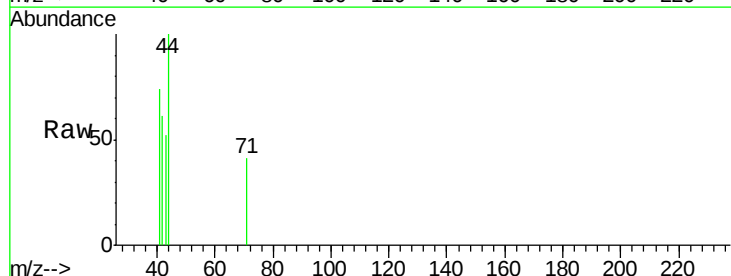
Ion Ratio Lower Upper

41 100

39 0.0 38.4 57.6#

67 0.0 6.7 10.1#

52 0.0 4.3 6.5#

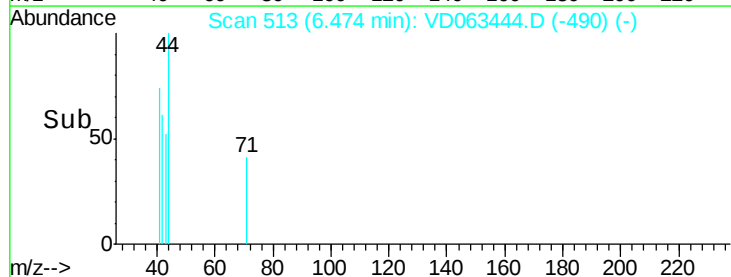
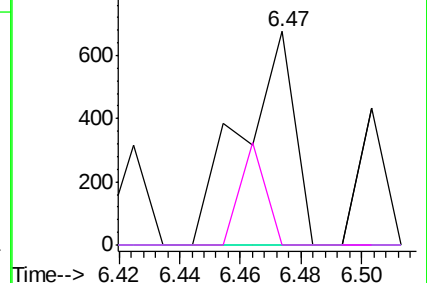


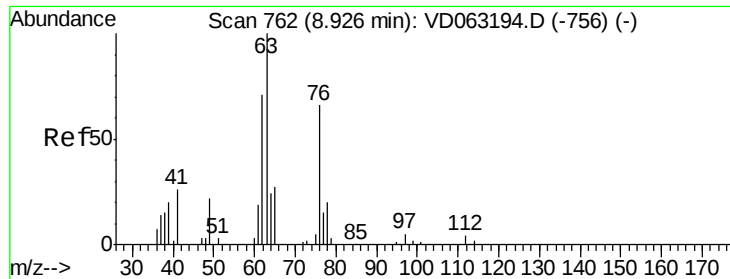
Abundance Ion 40.95 (40.65 to 41.65): V

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 :

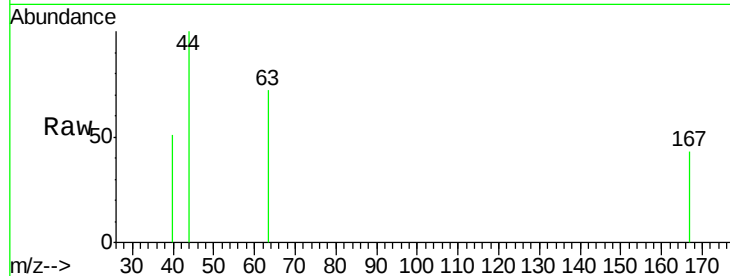
SP-6

Tot 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

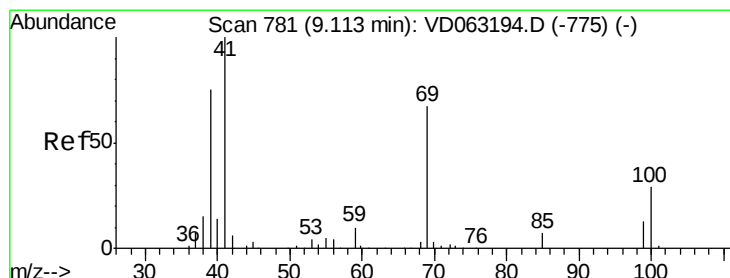
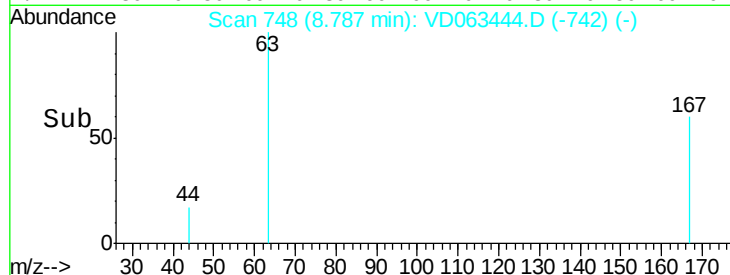
300

200

100

0

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

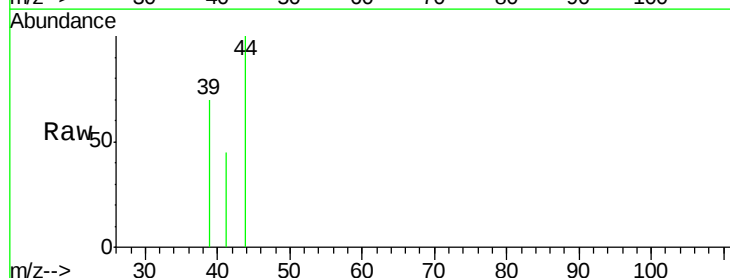
Tgt Ion: 41 Resp: 178

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

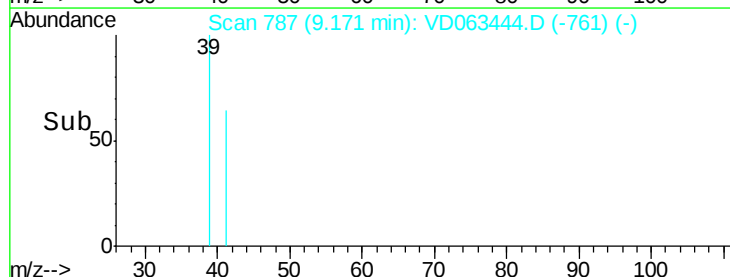
300

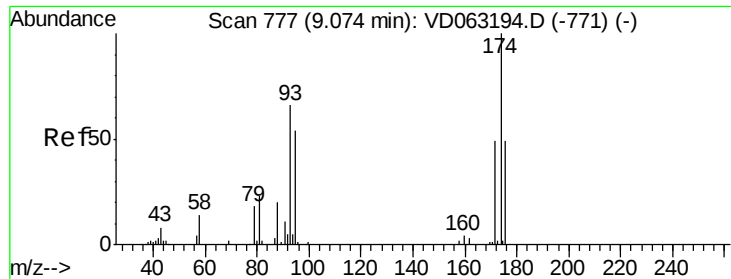
200

100

0

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

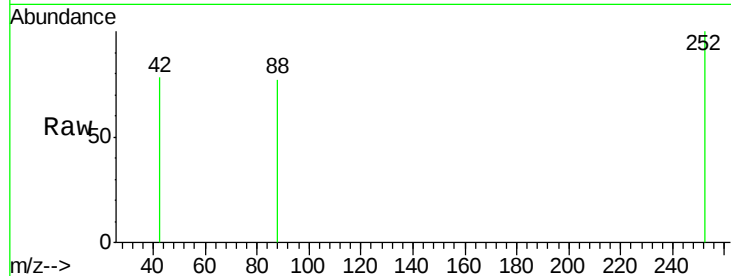
Tot Ion: 88 Resp: 193

Ion Ratio Lower Upper

88 100

43 0.0 30.7 46.1#

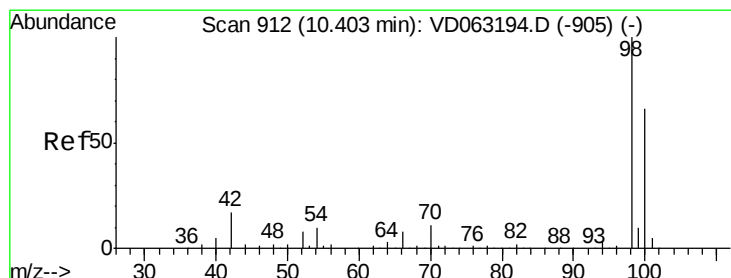
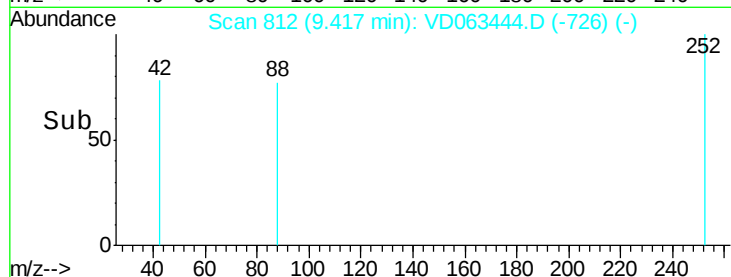
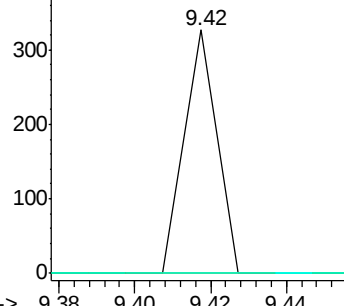
58 0.0 56.5 84.7#



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

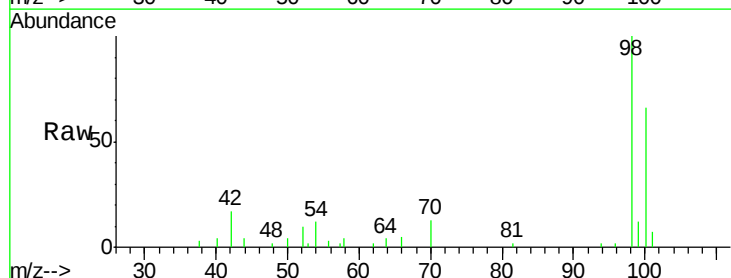
Acq: 8 Aug 2019 17:52

Tgt Ion: 98 Resp: 47686

Ion Ratio Lower Upper

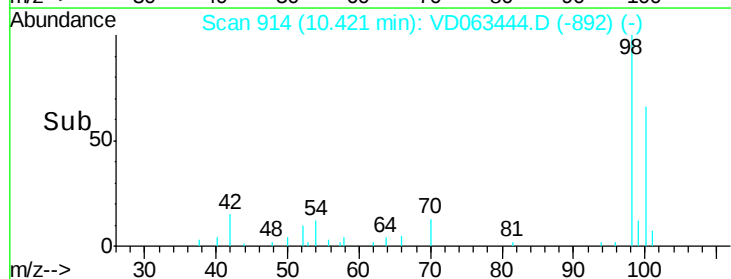
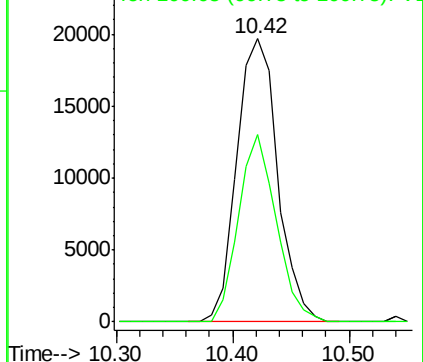
98 100

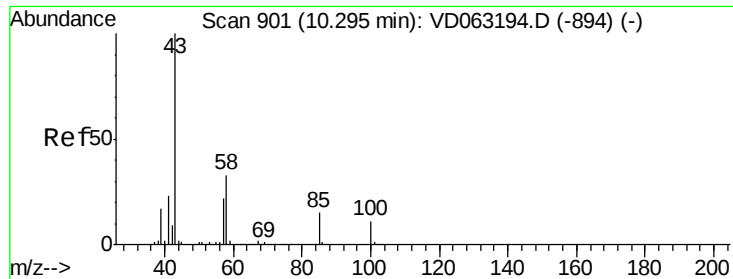
100 66.2 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

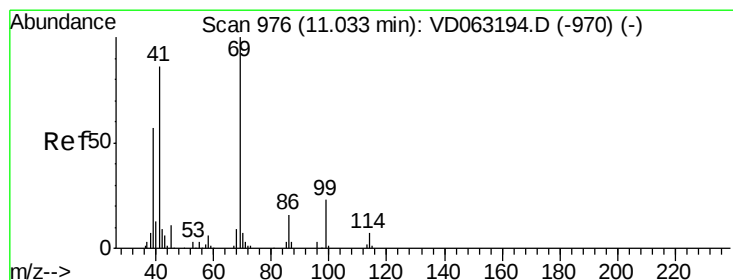
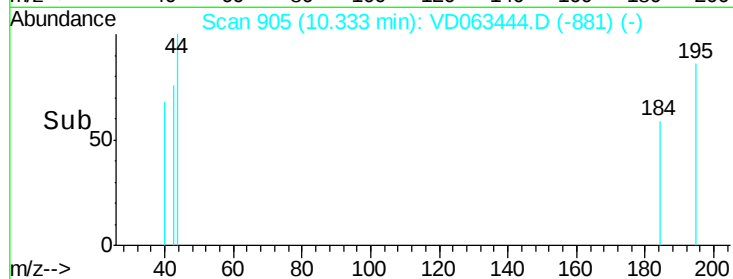
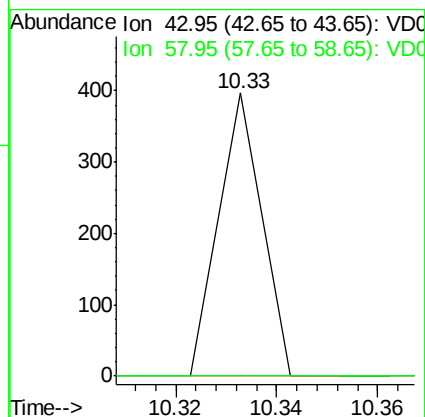
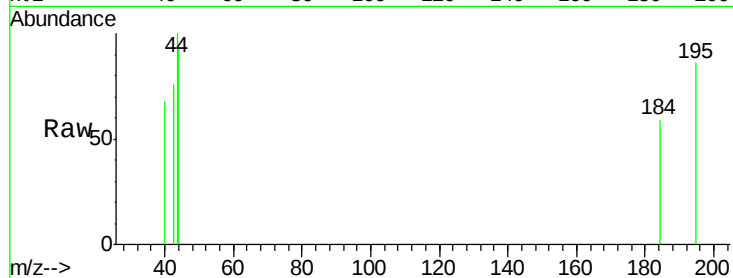




#51
4-Methyl-2-Pentanone
Concen: 1.394 ug/l
RT: 10.33 min Scan# 905
Delta R.T. 0.04 min
Lab File: VD063444.D
Acq: 8 Aug 2019 17:52

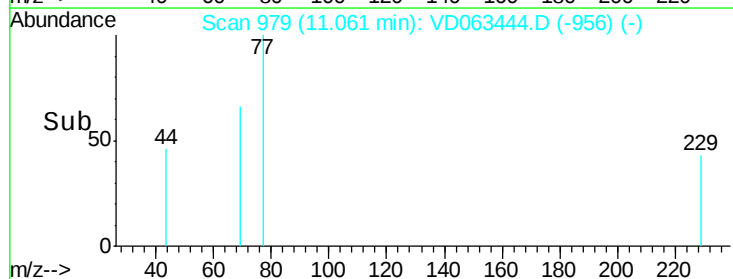
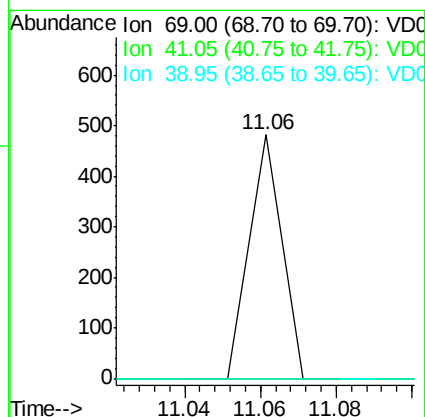
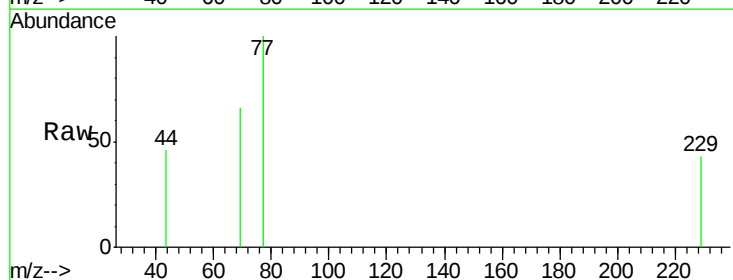
Instrument :
MSVOA_D
ClientSampleId :
SP-6

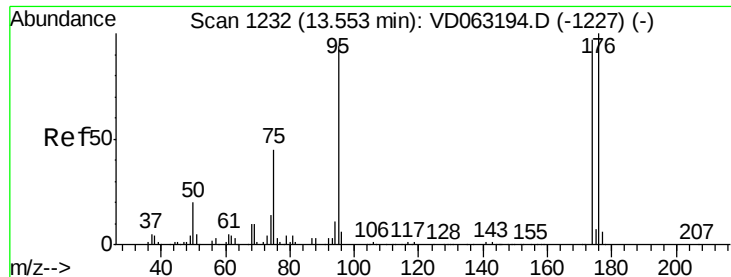
Tot Ion: 43 Resp: 234
Ion Ratio Lower Upper
43 100
58 0.0 26.2 39.2#



#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

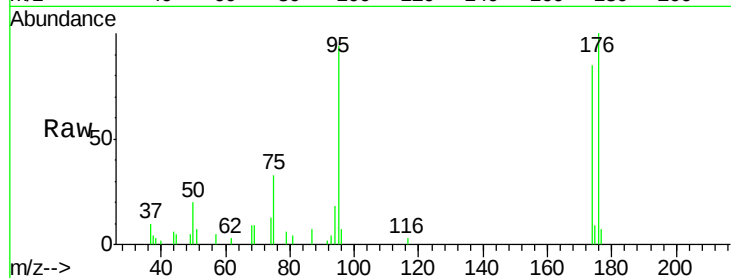
Tot Ion: 95 Resp: 16627

Ion Ratio Lower Upper

95 100

174 90.4 0.0 205.4

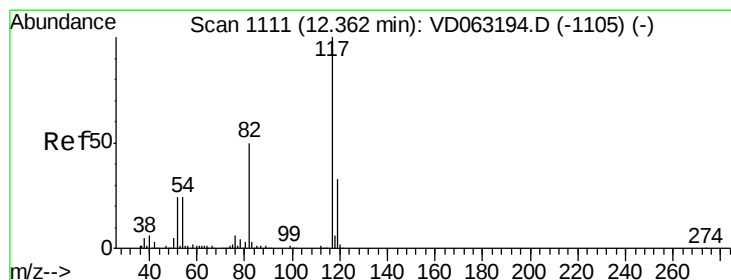
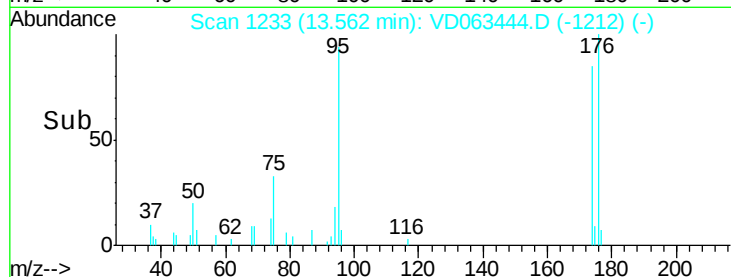
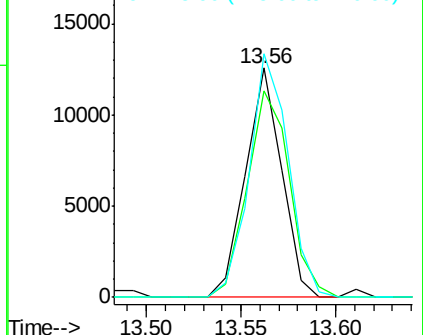
176 106.2 0.0 211.8



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

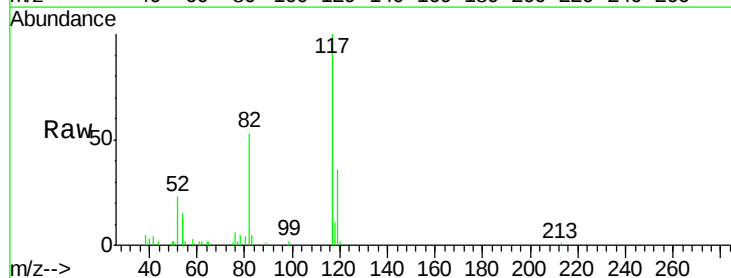
Tgt Ion: 117 Resp: 40067

Ion Ratio Lower Upper

117 100

82 52.5 40.1 60.1

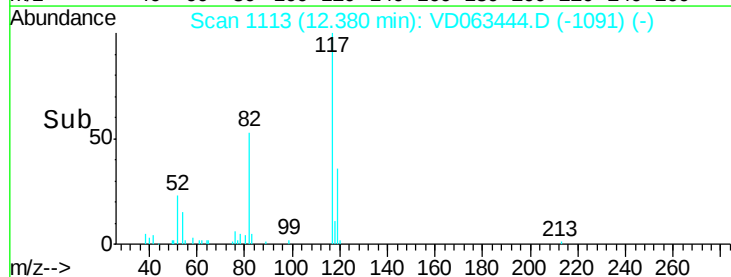
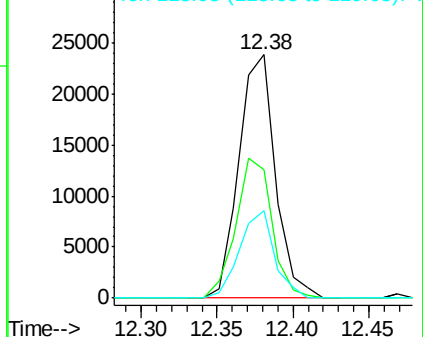
119 35.7 26.5 39.7

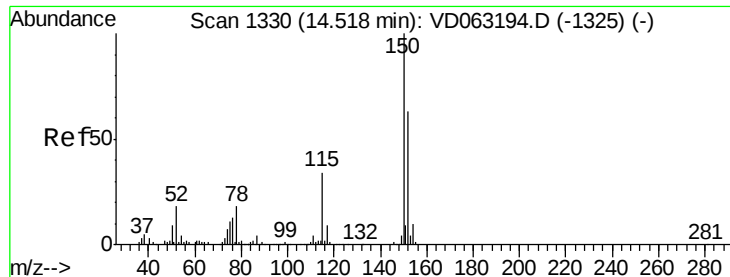


Abundance Ion 116.95 (116.65 to 117.65): V

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

ClientSampled :

SP-6

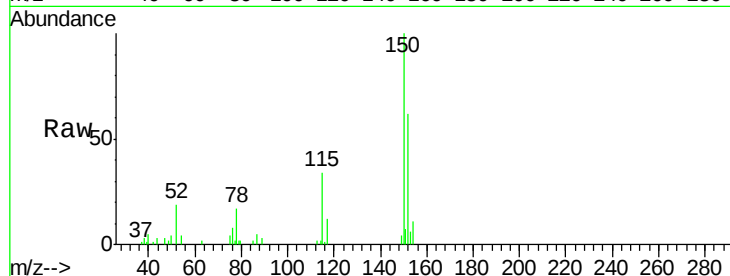
Tot Ion:152 Resp: 17779

Ion Ratio Lower Upper

152 100

115 55.0 27.5 82.4

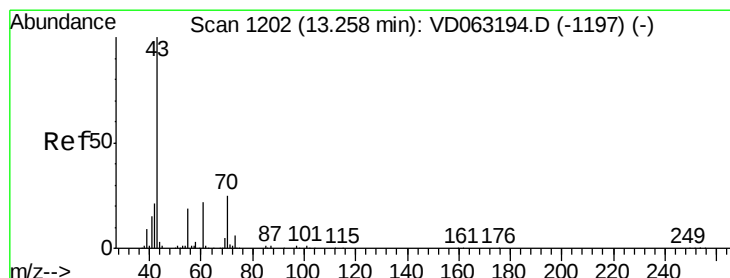
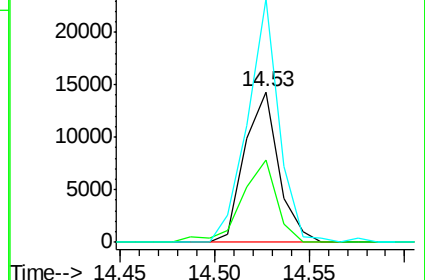
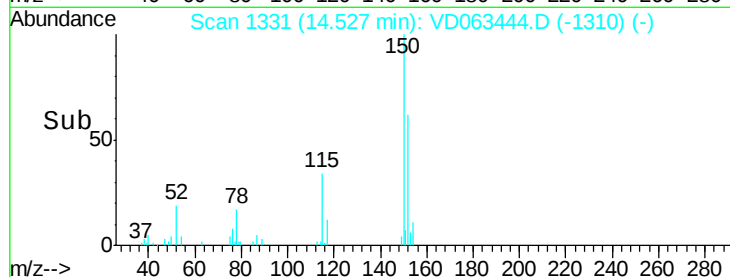
150 162.1 0.0 320.6



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: 1.600 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

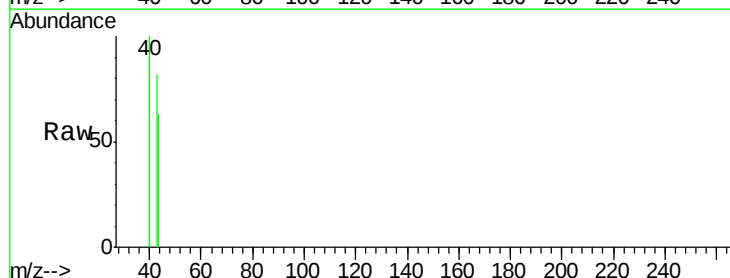
Ion Ratio Lower Upper

43 100

70 0.0 20.2 30.4#

55 0.0 14.9 22.3#

61 0.0 17.9 26.9#

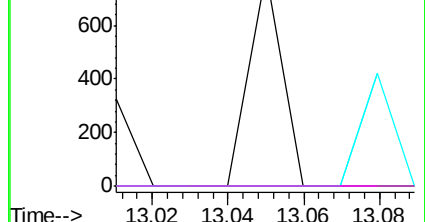
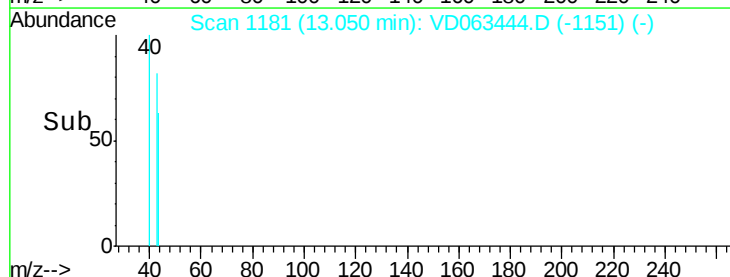


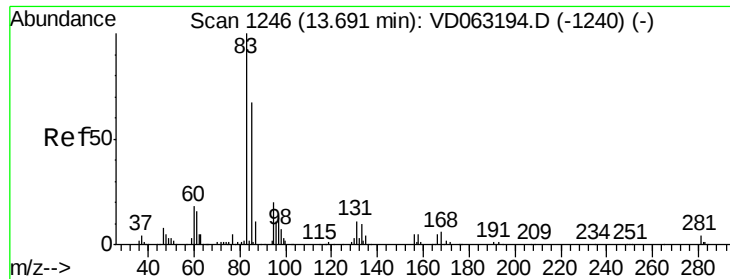
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#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

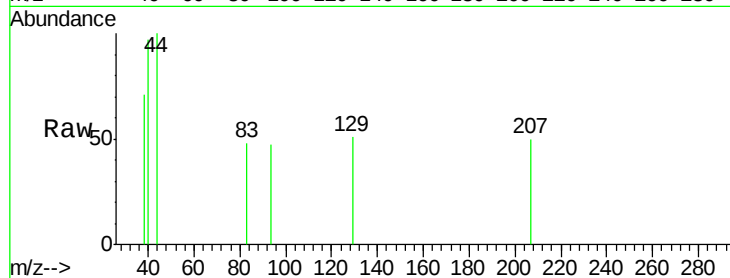
Tot Ion: 83 Resp: 197

Ion Ratio Lower Upper

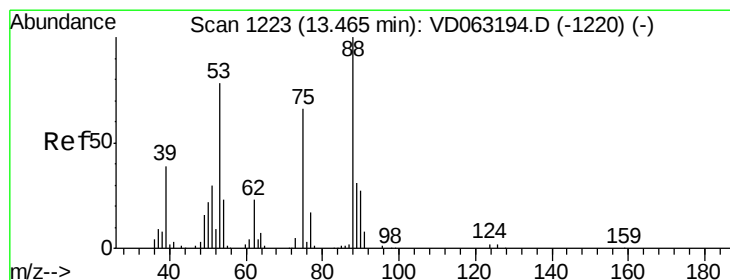
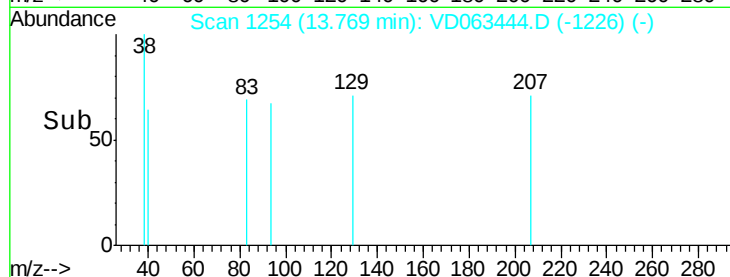
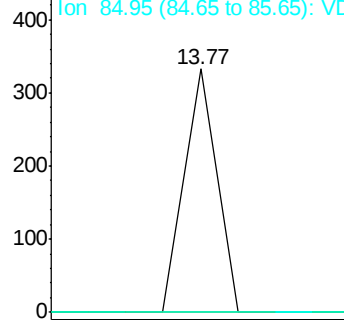
83 100

131 0.0 5.5 16.7#

85 0.0 33.7 101.1#



Abundance Ion 82.95 (82.65 to 83.65): VDC



#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

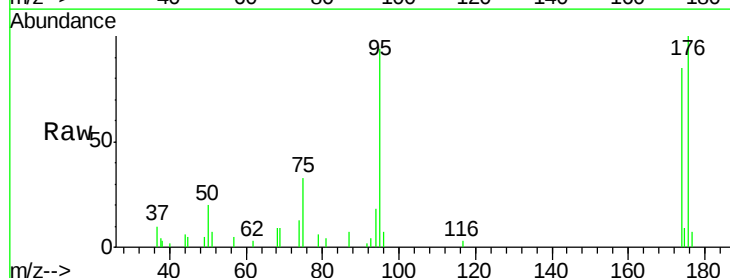
Tgt Ion: 75 Resp: 6964

Ion Ratio Lower Upper

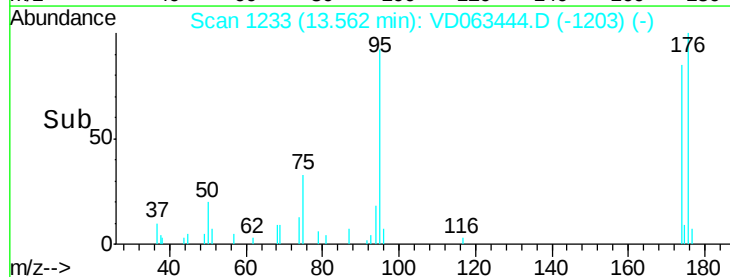
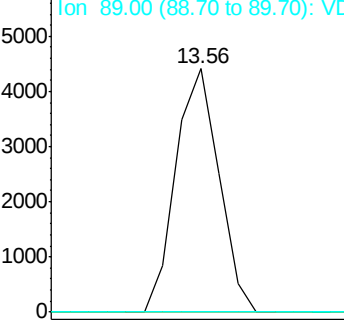
75 100

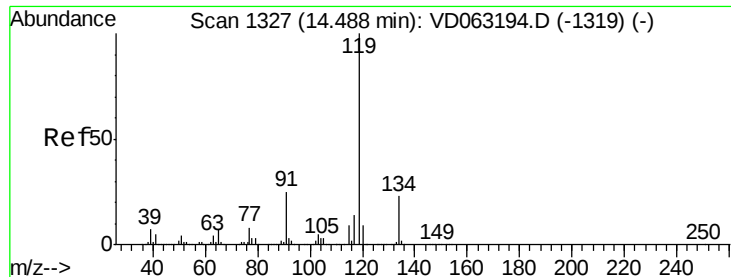
53 0.0 94.9 142.3#

89 0.0 37.4 56.0#



Abundance Ion 75.00 (74.70 to 75.70): VDC

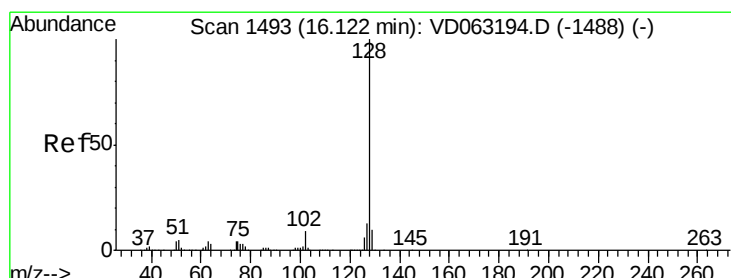
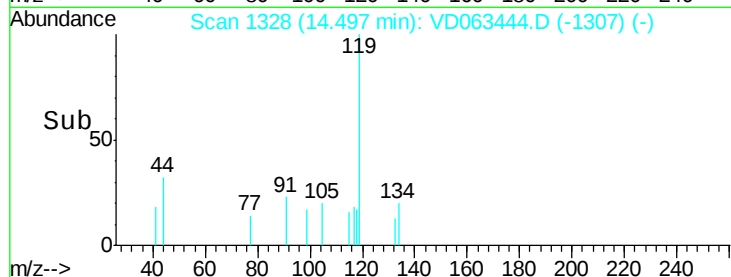
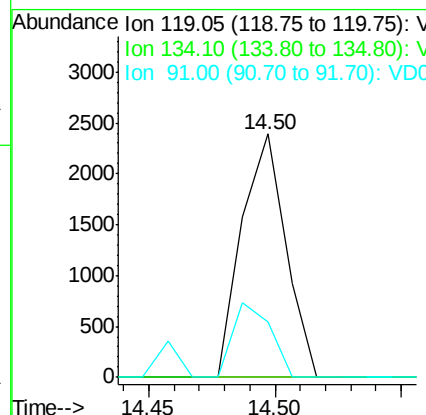
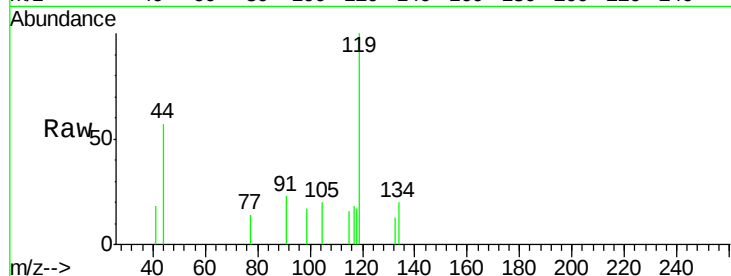




#86
p-Isopropyltoluene
Concen: 2.615 ug/l
RT: 14.50 min Scan# 1328
Delta R.T. 0.01 min
Lab File: VD063444.D
Acq: 8 Aug 2019 17:52

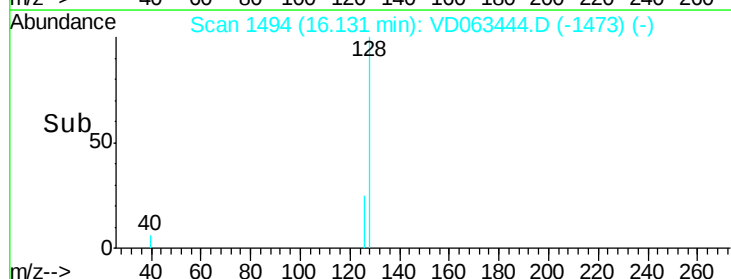
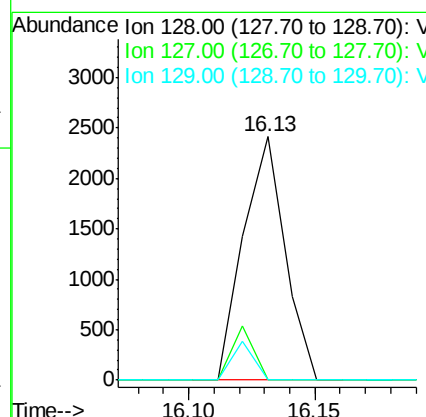
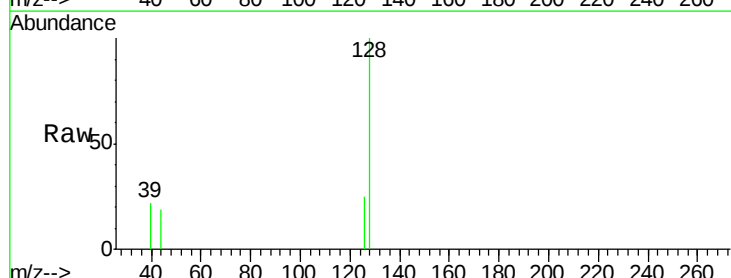
Instrument :
MSVOA_D
ClientSampled :
SP-6

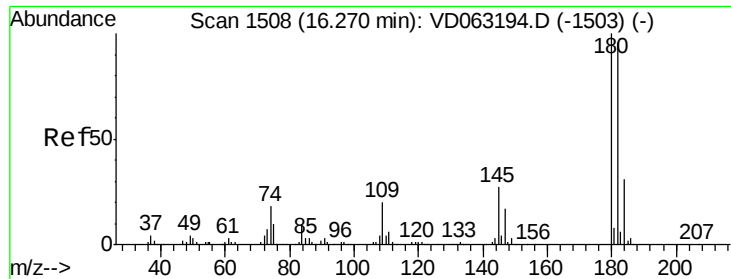
Tot Ion:119 Resp: 2890
Ion Ratio Lower Upper
119 100
134 0.0 11.5 34.5#
91 22.8 12.6 37.6



#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#

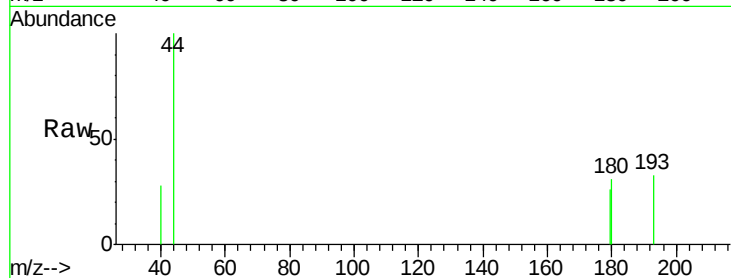




#96
 1,2,3-Trichlorobenzene
 Concen: 1.292 ug/l
 RT: 16.26 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: VD063444.D
 Acq: 8 Aug 2019 17:52

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-6

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



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

