

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040919\
 Data File : VD061687.D
 Acq On : 9 Apr 2019 20:57
 Operator : VA/AP
 Sample : K2316-04
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 10 00:57:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	408423	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.25	114	700559	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	439546	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	110570	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.48	65	186855	60.36	ug/l	0.03
Spiked Amount			Recovery	=	120.72%	
35) Dibromofluoromethane	6.96	113	287515	59.24	ug/l	0.04
Spiked Amount			Recovery	=	118.48%	
50) Toluene-d8	10.43	98	591965	48.55	ug/l	0.03
Spiked Amount			Recovery	=	97.10%	
62) 4-Bromofluorobenzene	13.57	95	157567	34.41	ug/l	0.02
Spiked Amount			Recovery	=	68.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.08	59	599	2.887	ug/l #	72
13) Acrolein	3.05	56	494	1.953	ug/l #	18
16) Acetone	3.24	43	96095	103.837	ug/l	91
17) Carbon Disulfide	3.41	76	38194	2.761	ug/l #	94
20) Methylene Chloride	3.84	84	21802	4.152	ug/l #	93
25) 2-Butanone	6.09	43	35242	33.033	ug/l	98
29) Tetrahydrofuran	6.11	42	598	1.161	ug/l #	30
36) 1,1-Dichloropropene	7.07	75	27665	4.512	ug/l #	45
37) Ethyl Acetate	6.09	43	35242	14.112	ug/l #	68
38) Carbon Tetrachloride	7.08	117	39186	5.453	ug/l #	15
51) 4-Methyl-2-Pentanone	10.39	43	18780	8.762	ug/l #	80
59) 2-Hexanone	11.51	43	8476	5.095	ug/l #	27
65) Chlorobenzene	12.41	112	15905	1.825	ug/l	98
67) Ethyl Benzene	12.54	91	35643	2.685	ug/l	91
68) m/p-Xylenes	12.68	106	22417	4.381	ug/l	90
69) o-Xylene	13.06	106	16548	3.350	ug/l	87
73) Isopropylbenzene	13.42	105	165894	22.517	ug/l	99
74) N-amyl acetate	13.23	43	40002	19.983	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	13.73	83	10097	6.628	ug/l #	76
76) 1,2,3-Trichloropropane	13.72	75	2596	1.726	ug/l #	1
78) n-propylbenzene	13.78	91	25683	2.914	ug/l #	67
79) 2-Chlorotoluene	13.85	91	216985	43.055	ug/l	94
80) 1,3,5-Trimethylbenzene	13.95	105	28819	4.928	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.56	75	55553	121.697	ug/l #	21
82) 4-Chlorotoluene	13.85	91	216985	39.292	ug/l	97
83) tert-Butylbenzene	14.20	119	17584	2.494	ug/l	97
84) 1,2,4-Trimethylbenzene	14.25	105	51409	8.711	ug/l	98
85) sec-Butylbenzene	14.38	105	10071	1.322	ug/l	95
86) p-Isopropyltoluene	14.50	119	19592	2.965	ug/l	86
89) n-Butylbenzene	14.91	91	6124	1.066	ug/l	72
90) Hexachloroethane	14.99	117	2623	1.463	ug/l #	26
92) 1,2-Dibromo-3-Chloropropan	15.36	75	626	3.405	ug/l #	27
95) Naphthalene	16.13	128	40943	16.744	ug/l	98

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Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration

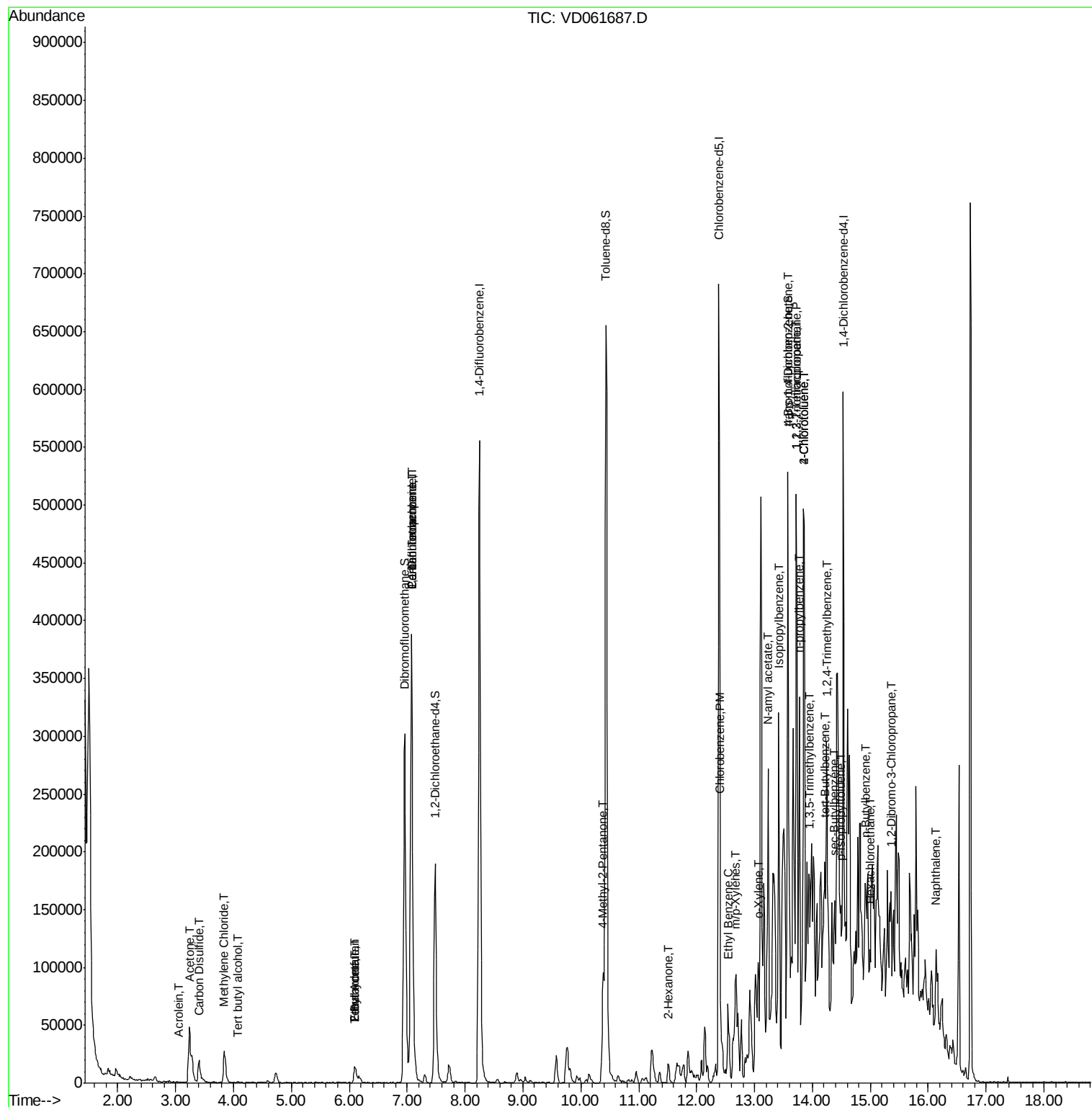
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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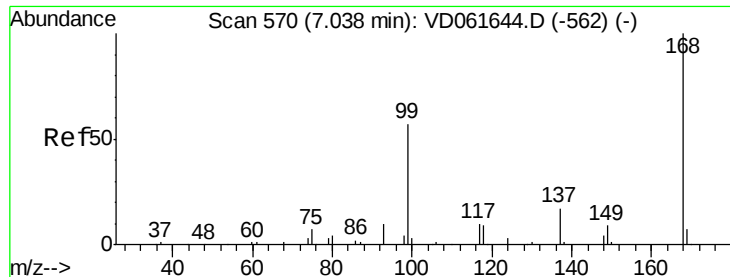
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040919\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 574

Delta R.T. 0.04 min

Lab File: VD061687.D

Acq: 9 Apr 2019 20:57

Instrument :

MSVOA_D

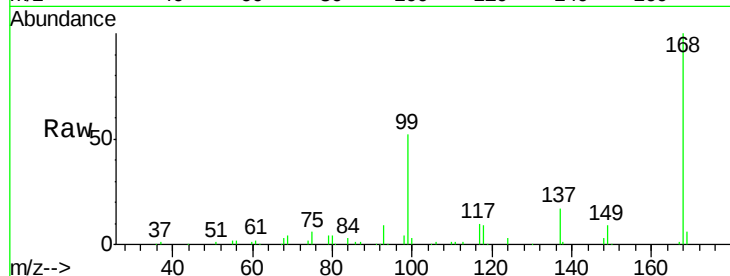
ClientSampleId :

Tot Ion:168 Resp: 408423

Ion Ratio Lower Upper

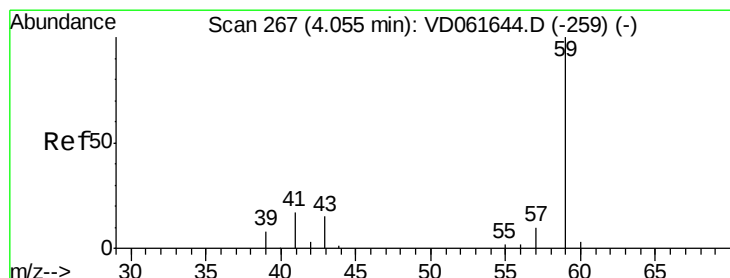
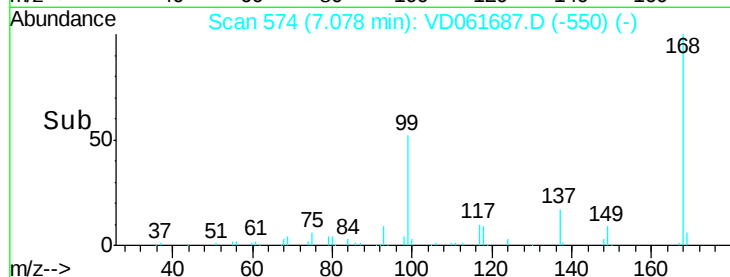
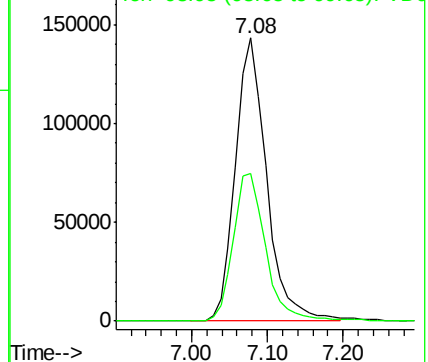
168 100

99 52.1 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#11

Tert butyl alcohol

Concen: 2.887 ug/l

RT: 4.08 min Scan# 269

Delta R.T. 0.02 min

Lab File: VD061687.D

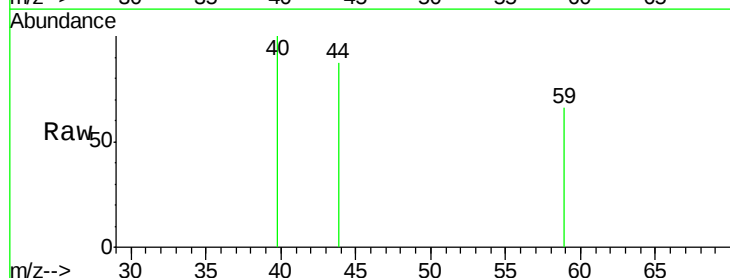
Acq: 9 Apr 2019 20:57

Tgt Ion: 59 Resp: 599

Ion Ratio Lower Upper

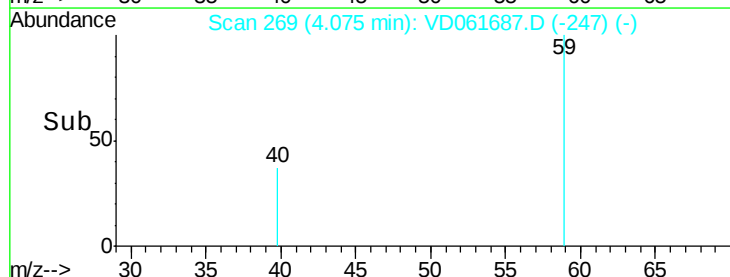
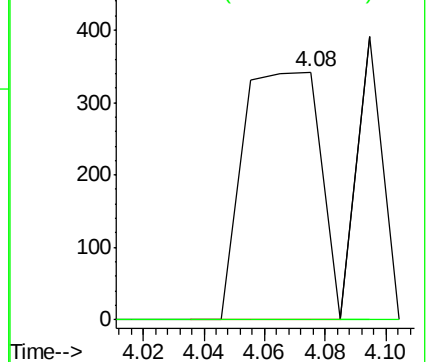
59 100

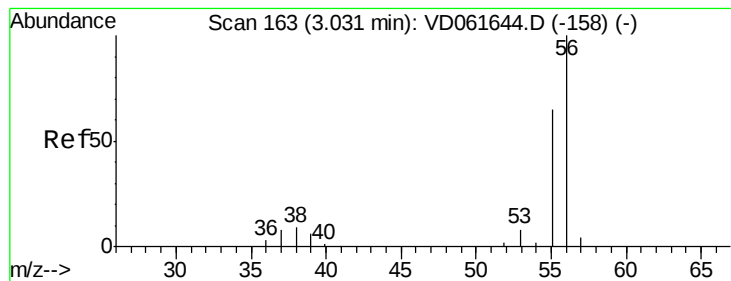
57 0.0 8.4 12.6#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#13

Acrolein

Concen: 1.953 ug/l

RT: 3.05 min Scan# 165

Delta R.T. 0.02 min

Lab File: VD061687.D

Acq: 9 Apr 2019 20:57

Instrument :

MSVOA_D

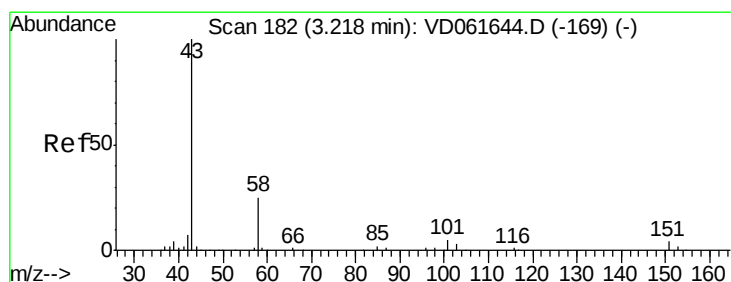
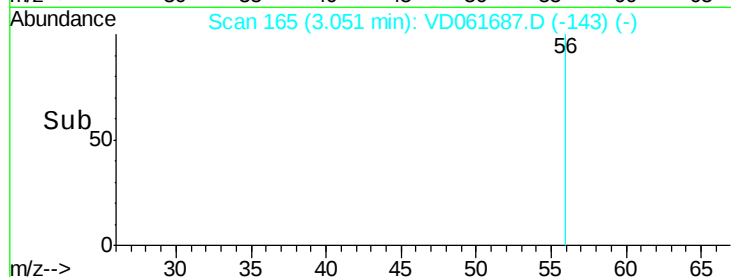
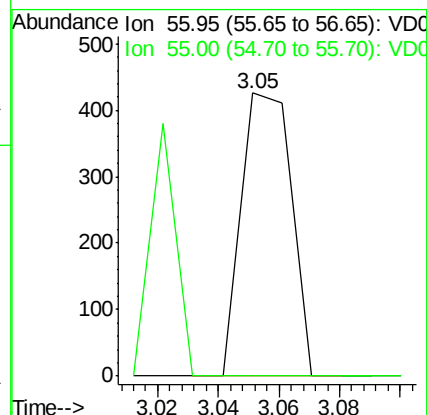
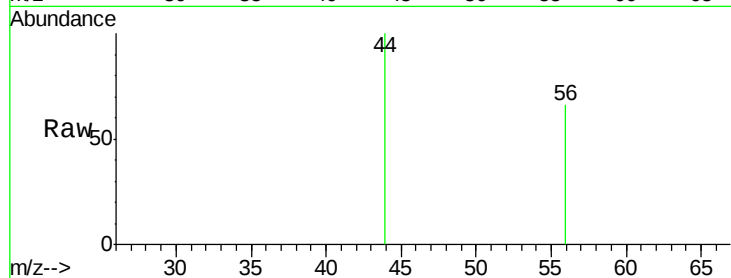
ClientSampleId :

Tot Ion: 56 Resp: 494

Ion Ratio Lower Upper

56 100

55 0.0 51.8 77.6#



#16

Acetone

Concen: 103.837 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.02 min

Lab File: VD061687.D

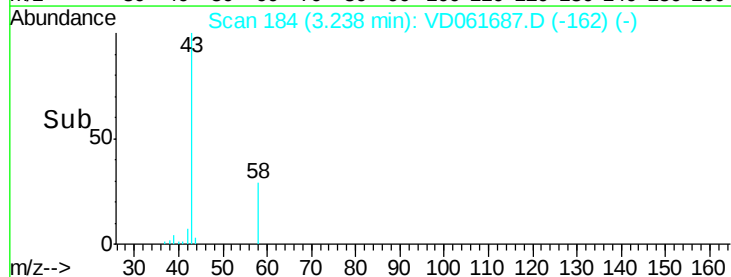
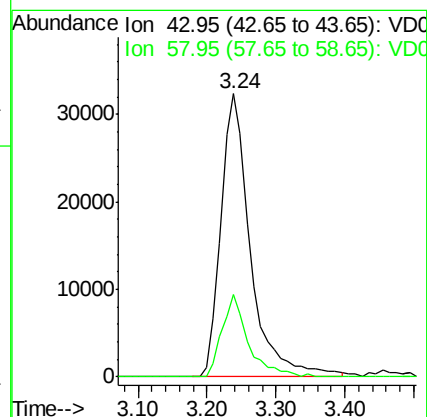
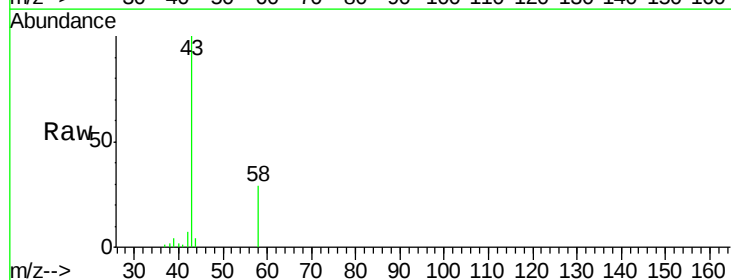
Acq: 9 Apr 2019 20:57

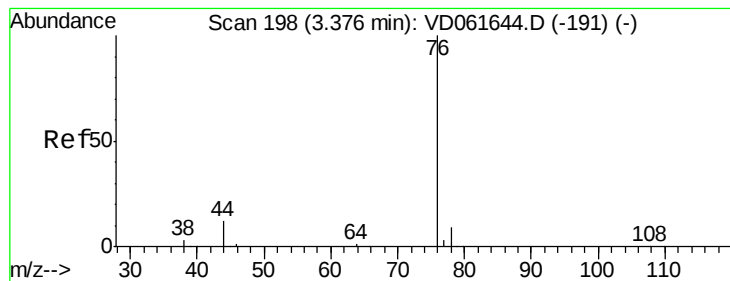
Tgt Ion: 43 Resp: 96095

Ion Ratio Lower Upper

43 100

58 29.2 19.7 29.5





#17

Carbon Disulfide

Concen: 2.761 ug/l

RT: 3.41 min Scan# 201

Delta R.T. 0.03 min

Lab File: VD061687.D

Acq: 9 Apr 2019 20:57

Instrument :

MSVOA_D

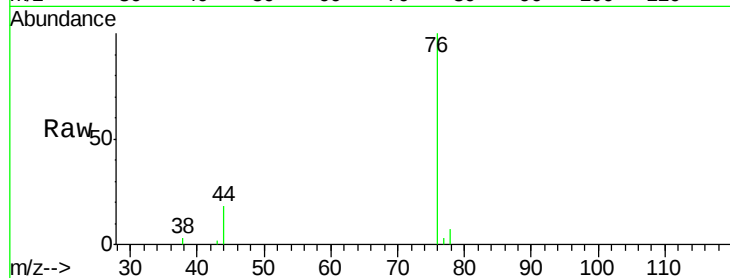
ClientSampleId :

Tot Ion: 76 Resp: 38194

Ion Ratio Lower Upper

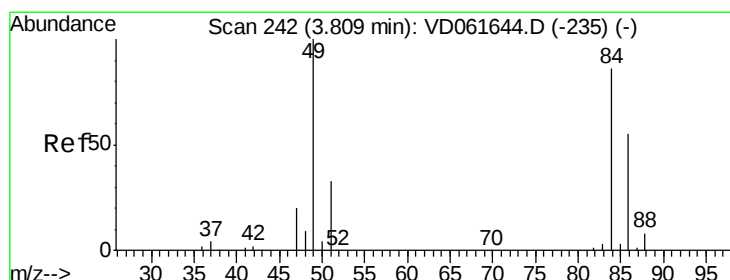
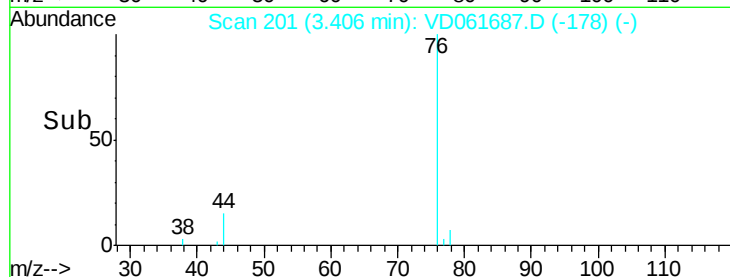
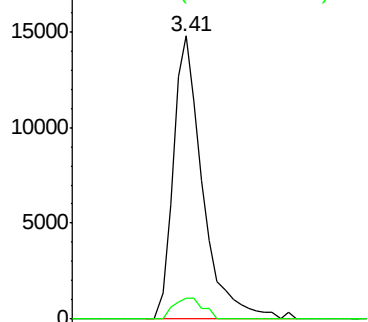
76 100

78 7.3 7.4 11.2#



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#20

Methylene Chloride

Concen: 4.152 ug/l

RT: 3.84 min Scan# 245

Delta R.T. 0.03 min

Lab File: VD061687.D

Acq: 9 Apr 2019 20:57

Tgt Ion: 84 Resp: 21802

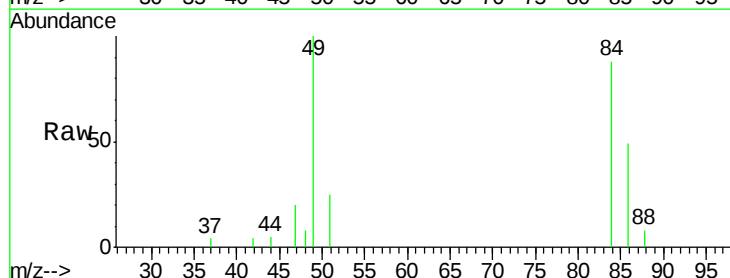
Ion Ratio Lower Upper

84 100

49 114.2 93.0 139.4

51 28.8 30.4 45.6#

86 55.5 51.0 76.4

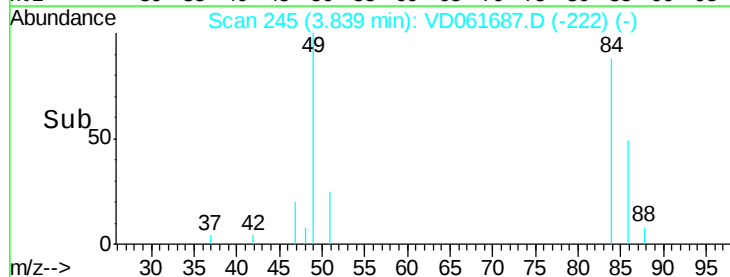
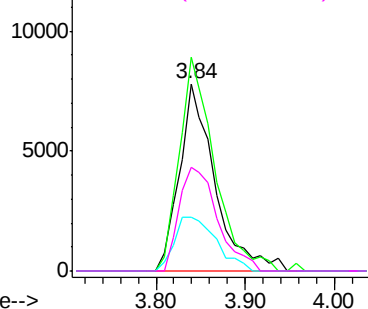


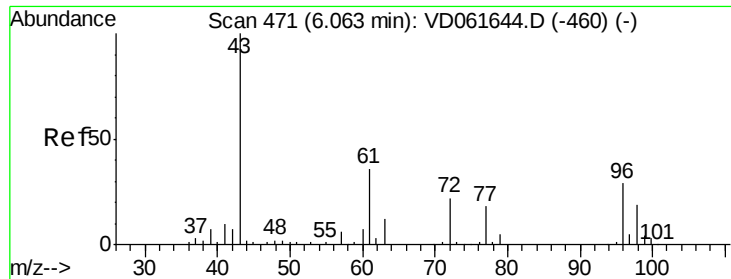
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 33.033 ug/l

RT: 6.09 min Scan# 474

Delta R.T. 0.03 min

Lab File: VD061687.D

Acq: 9 Apr 2019 20:57

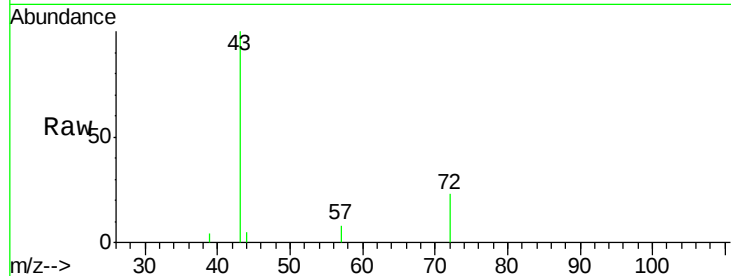
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 35242

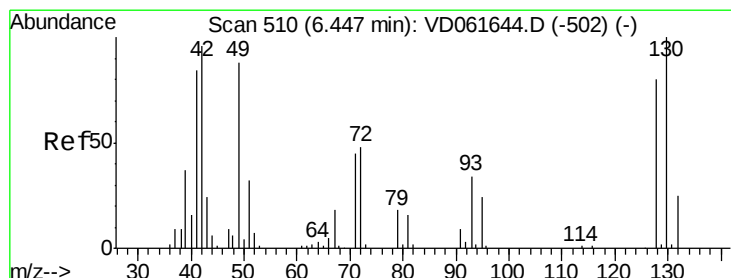
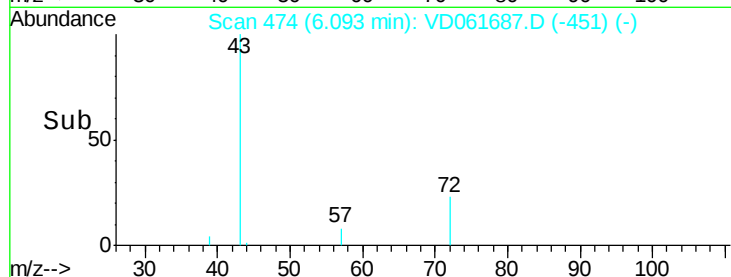
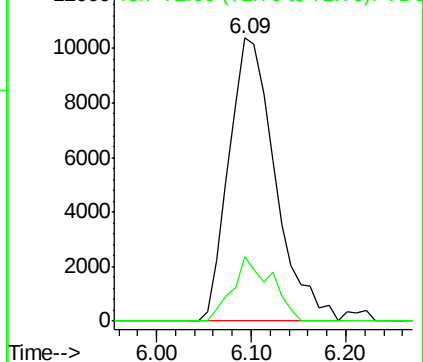
Ion Ratio Lower Upper

43 100

72 22.8 17.4 26.2



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC



#29

Tetrahydrofuran

Concen: 1.161 ug/l

RT: 6.11 min Scan# 476

Delta R.T. -0.33 min

Lab File: VD061687.D

Acq: 9 Apr 2019 20:57

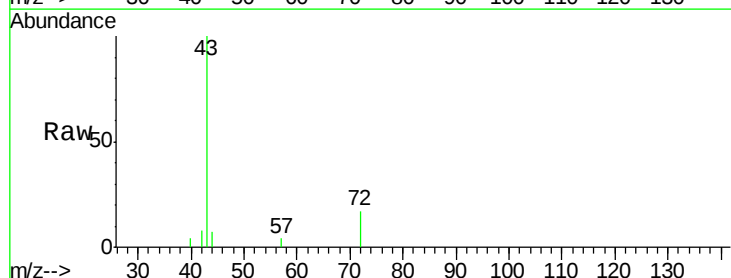
Tgt Ion: 42 Resp: 598

Ion Ratio Lower Upper

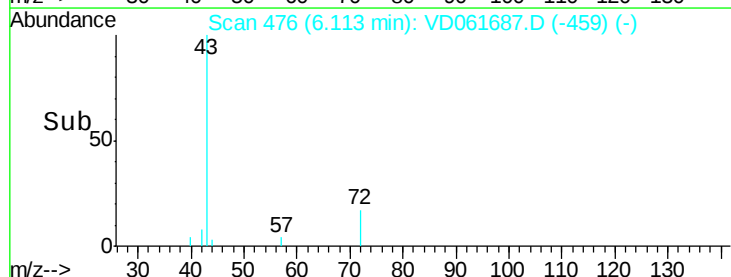
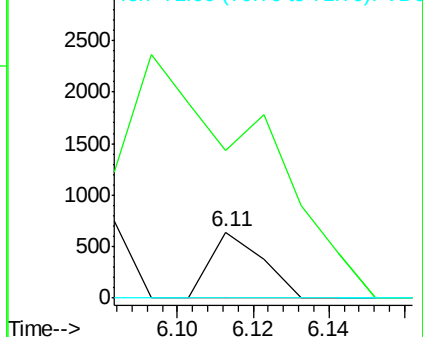
42 100

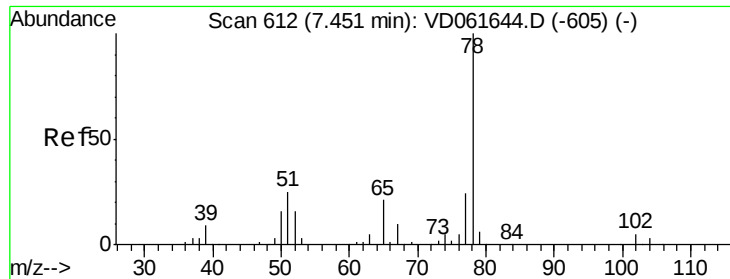
72 0.0 37.0 55.6#

71 0.0 36.5 54.7#



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

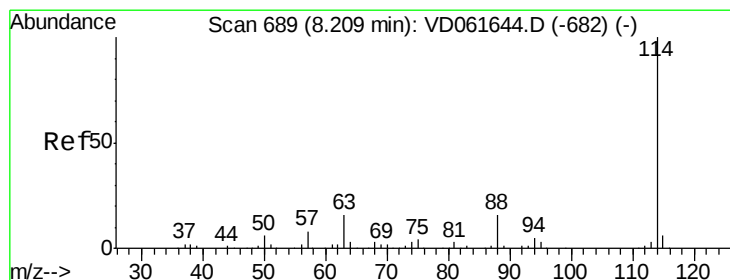
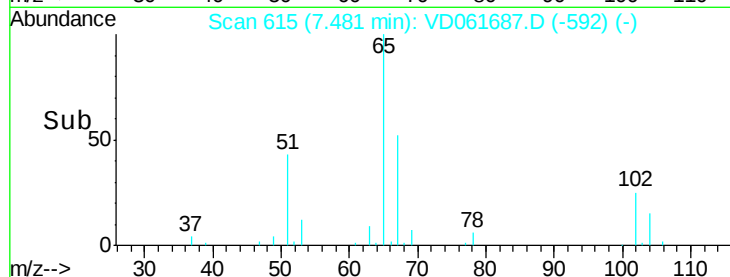
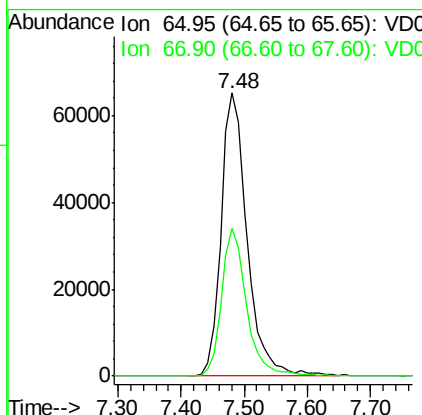
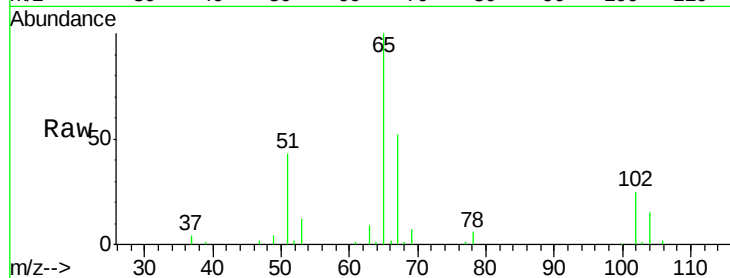




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.48 min Scan# 615
 Delta R.T. 0.03 min
 Lab File: VD061687.D
 Acq: 9 Apr 2019 20:57

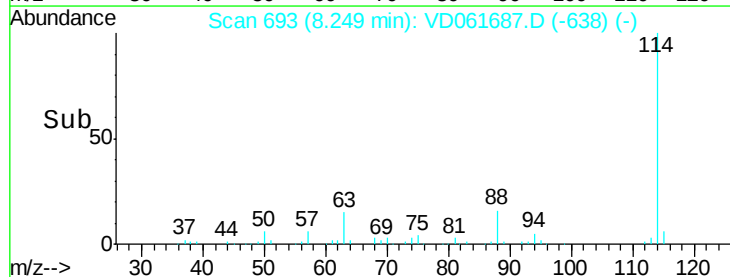
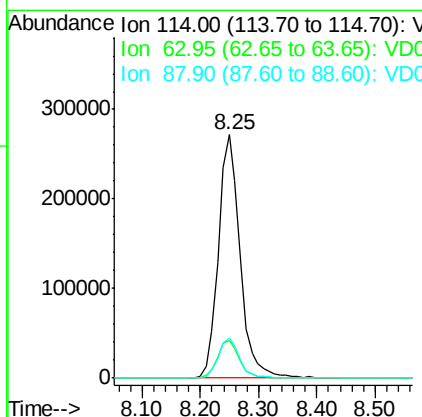
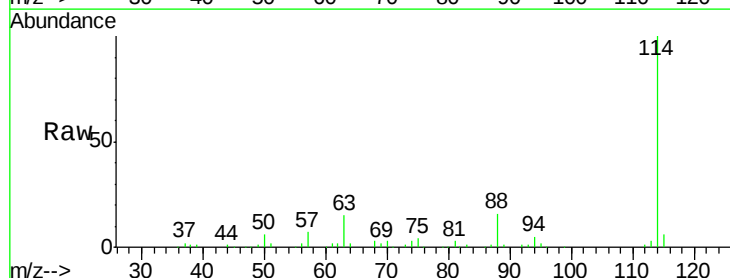
Instrument :
 MSVOA_D
 ClientSampleID :

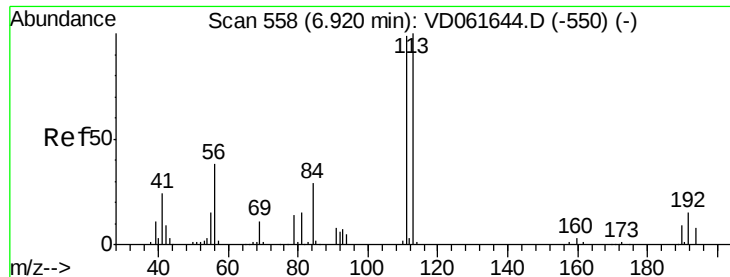
Tot Ion: 65 Resp: 186855
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.25 min Scan# 693
 Delta R.T. 0.04 min
 Lab File: VD061687.D
 Acq: 9 Apr 2019 20:57

Tgt Ion: 114 Resp: 700559
 Ion Ratio Lower Upper
 114 100
 63 15.3 0.0 31.2
 88 16.5 0.0 31.8

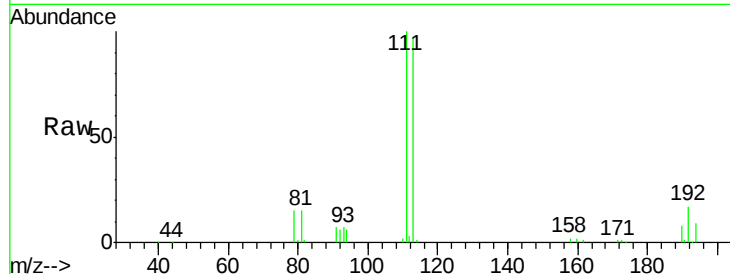




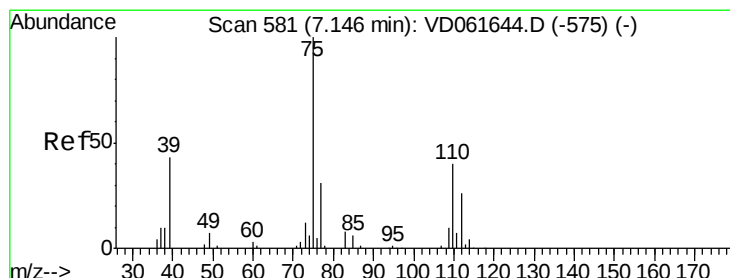
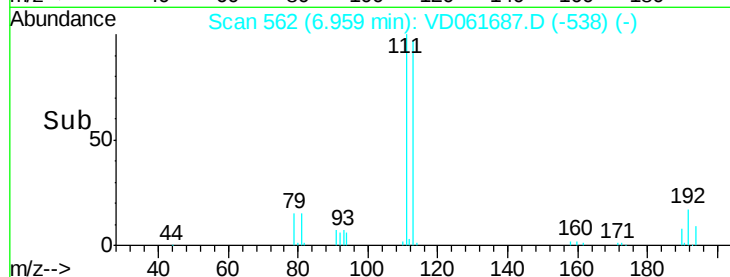
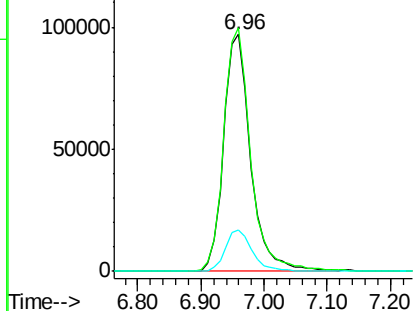
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.96 min Scan# 562
 Delta R.T. 0.04 min
 Lab File: VD061687.D
 Acq: 9 Apr 2019 20:57

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:113 Resp: 287515
 Ion Ratio Lower Upper
 113 100
 111 102.7 79.3 118.9
 192 17.7 12.3 18.5

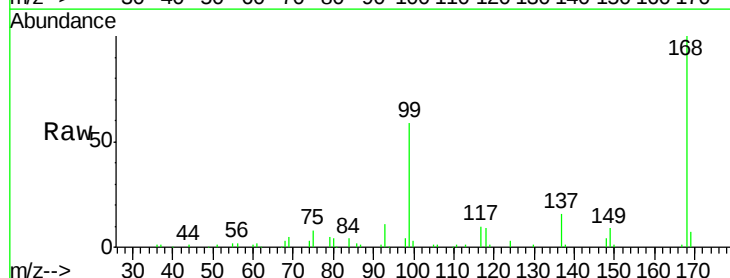


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

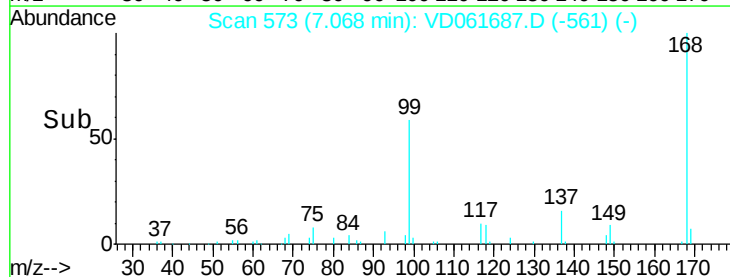
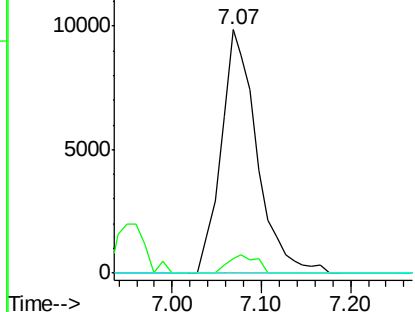


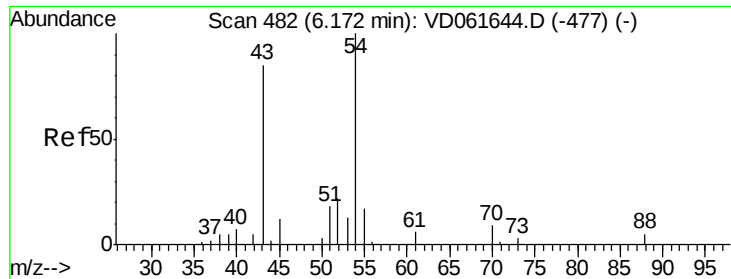
#36
 1,1-Dichloropropene
 Concen: 4.512 ug/l
 RT: 7.07 min Scan# 573
 Delta R.T. -0.08 min
 Lab File: VD061687.D
 Acq: 9 Apr 2019 20:57

Tgt Ion: 75 Resp: 27665
 Ion Ratio Lower Upper
 75 100
 110 6.1 19.7 59.0#
 77 0.0 24.8 37.2#



Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): VDC

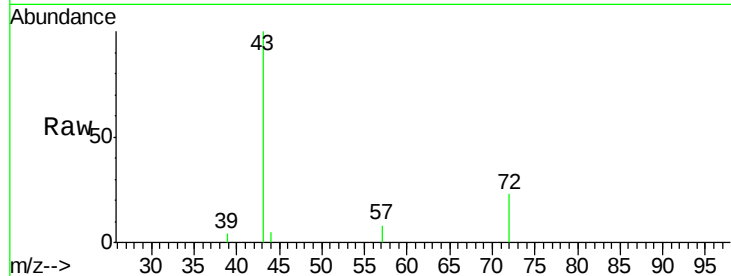




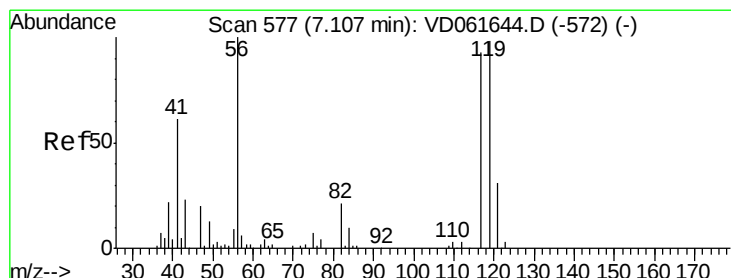
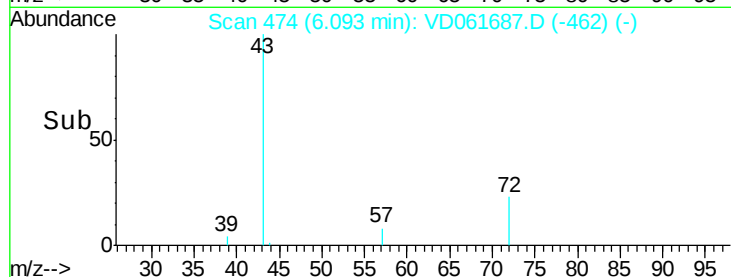
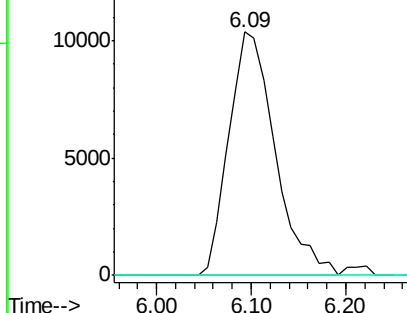
#37
Ethyl Acetate
Concen: 14.112 ug/l
RT: 6.09 min Scan# 474
Delta R.T. -0.08 min
Lab File: VD061687.D
Acq: 9 Apr 2019 20:57

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 35242
Ion Ratio Lower Upper
43 100
61 0.0 11.9 17.9#
70 0.0 6.9 10.3#

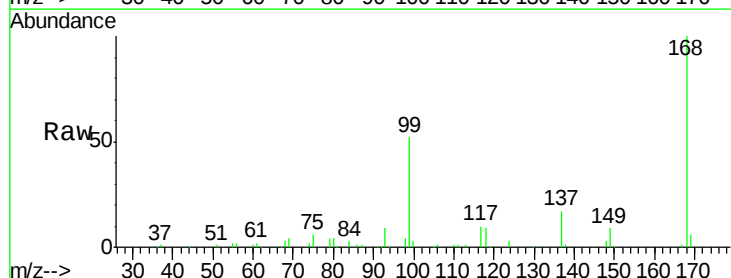


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

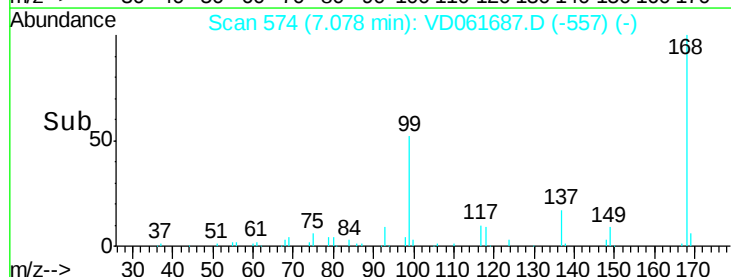
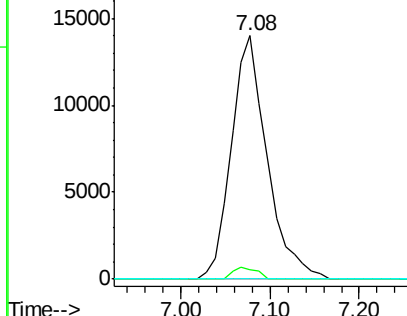


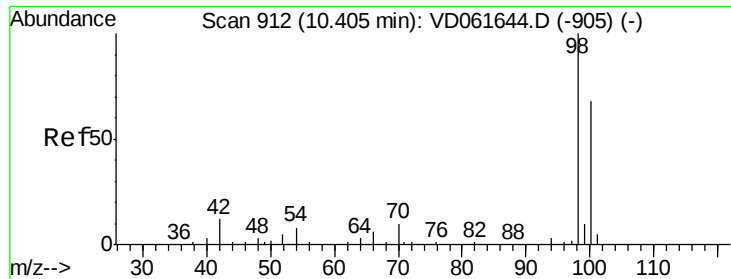
#38
Carbon Tetrachloride
Concen: 5.453 ug/l
RT: 7.08 min Scan# 574
Delta R.T. -0.03 min
Lab File: VD061687.D
Acq: 9 Apr 2019 20:57

Tgt Ion: 117 Resp: 39186
Ion Ratio Lower Upper
117 100
119 4.1 77.9 116.9#
121 0.0 24.7 37.1#



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

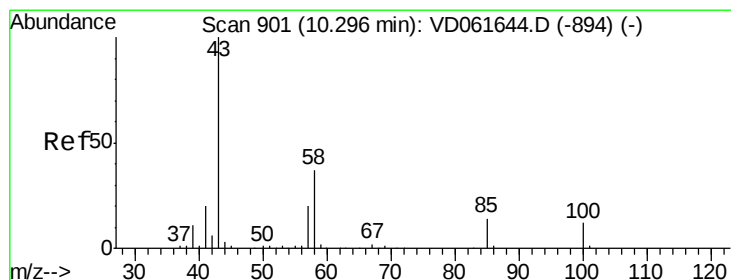
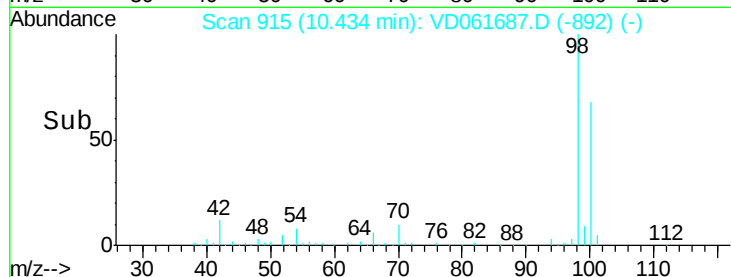
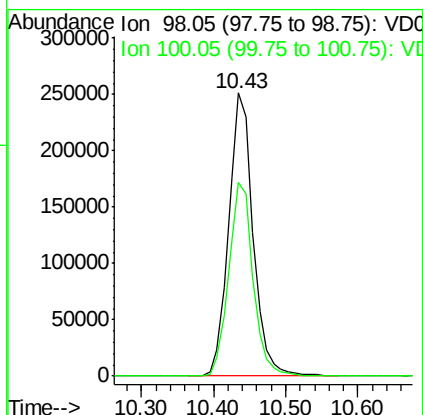
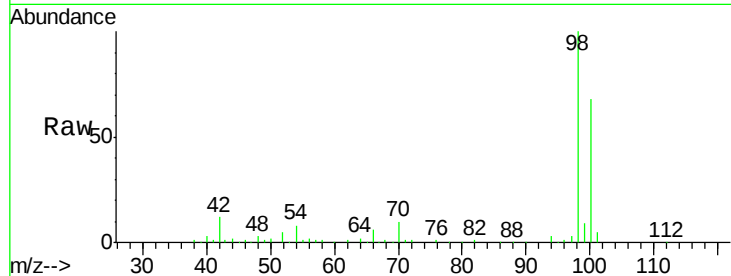




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.03 min
Lab File: VD061687.D
Acq: 9 Apr 2019 20:57

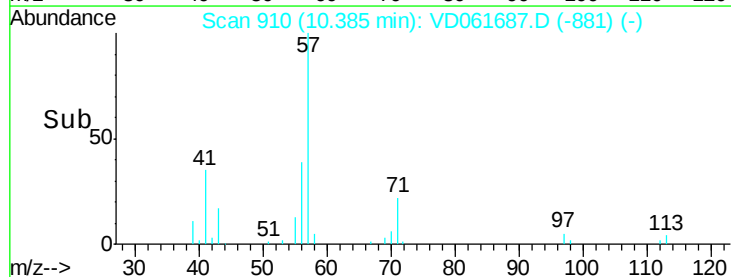
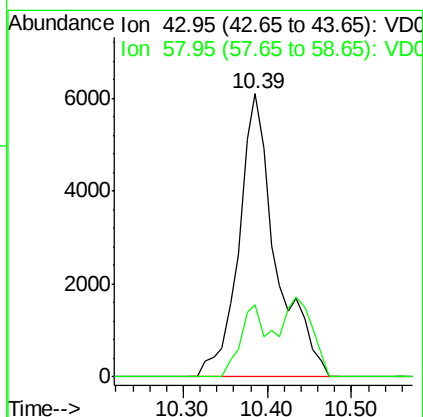
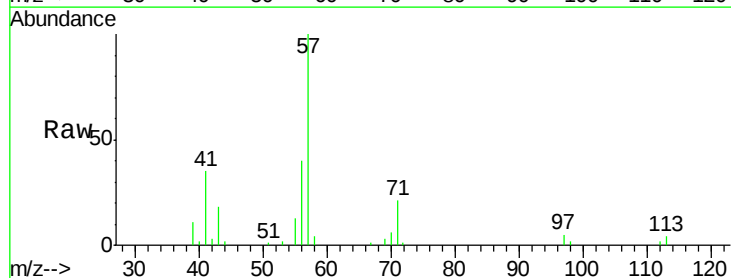
Instrument :
MSVOA_D
ClientSampleID :

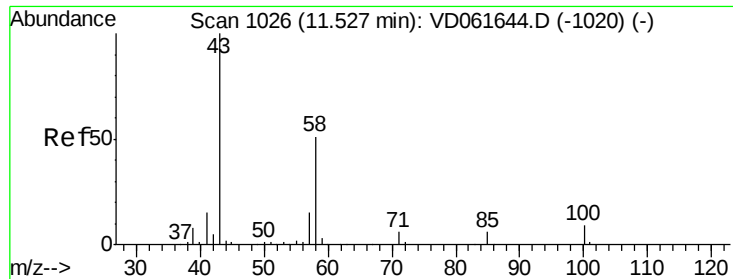
Tot Ion: 98 Resp: 591965
Ion Ratio Lower Upper
98 100
100 68.3 55.4 83.0



#51
4-Methyl-2-Pentanone
Concen: 8.762 ug/l
RT: 10.39 min Scan# 910
Delta R.T. 0.09 min
Lab File: VD061687.D
Acq: 9 Apr 2019 20:57

Tgt Ion: 43 Resp: 18780
Ion Ratio Lower Upper
43 100
58 25.4 29.8 44.8#

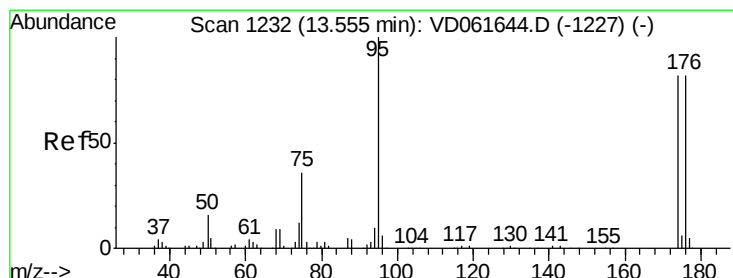
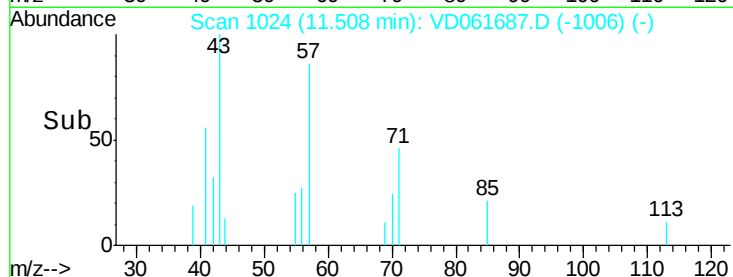
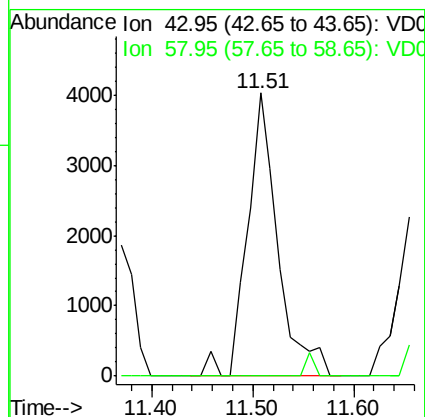
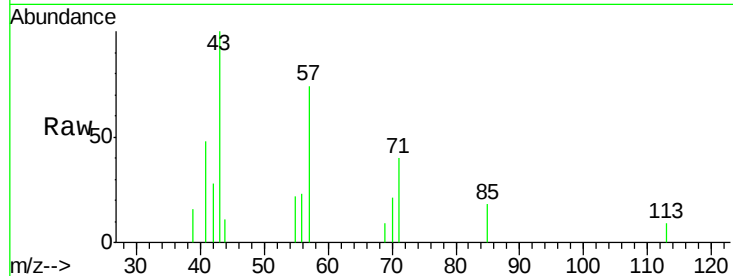




#59
2-Hexanone
Concen: 5.095 ug/l
RT: 11.51 min Scan# 1024
Delta R.T. -0.02 min
Lab File: VD061687.D
Acq: 9 Apr 2019 20:57

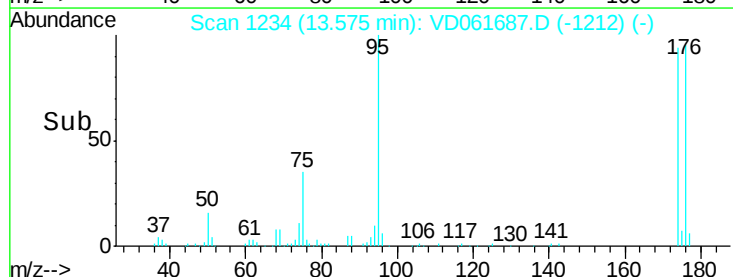
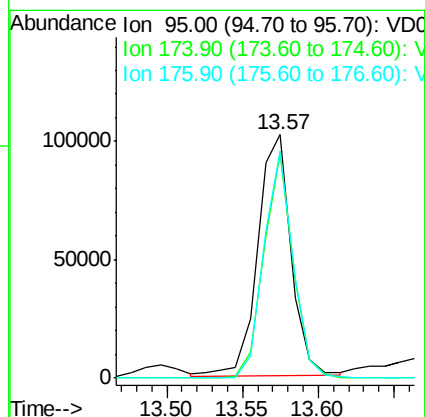
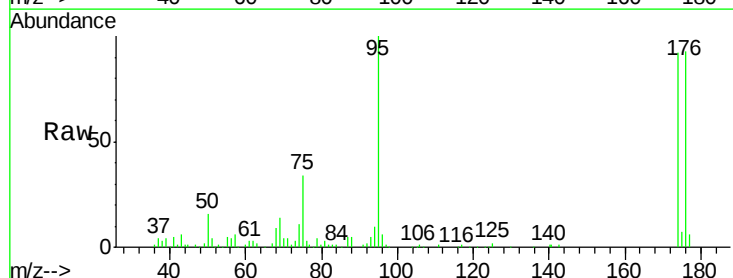
Instrument :
MSVOA_D
ClientSampleId :

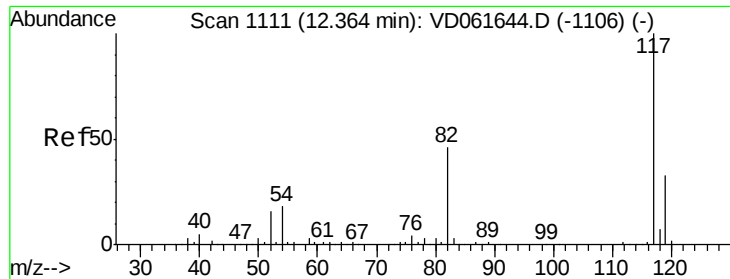
Tot Ion: 43 Resp: 8476
Ion Ratio Lower Upper
43 100
58 0.0 25.6 76.8#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VD061687.D
Acq: 9 Apr 2019 20:57

Tgt Ion: 95 Resp: 157567
Ion Ratio Lower Upper
95 100
174 92.2 0.0 164.6
176 93.4 0.0 165.0

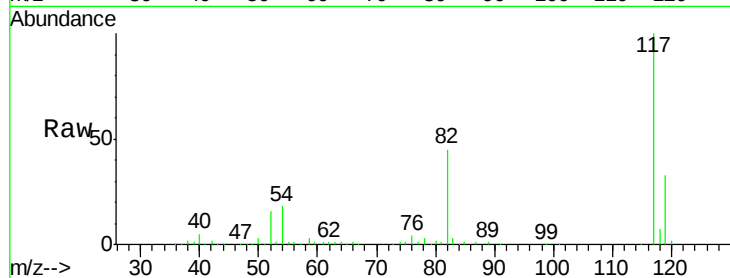




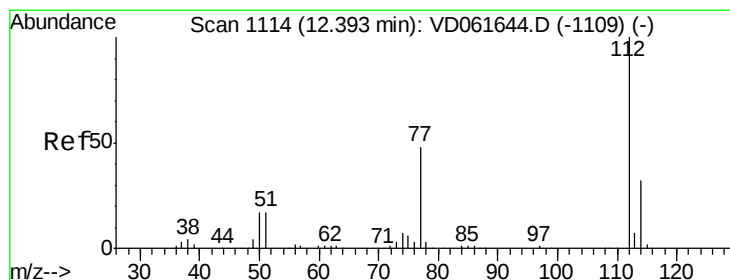
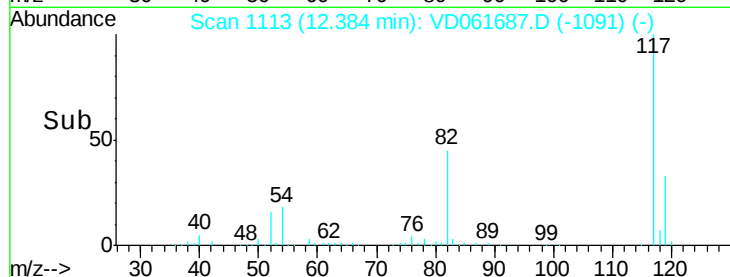
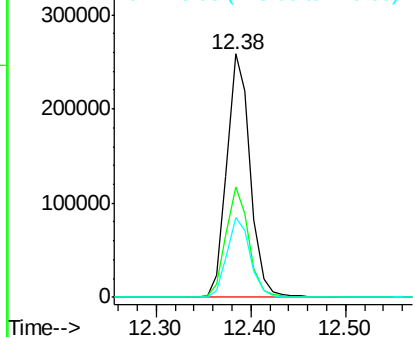
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061687.D
Acq: 9 Apr 2019 20:57

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 439546
Ion Ratio Lower Upper
117 100
82 45.5 36.8 55.2
119 32.9 26.1 39.1

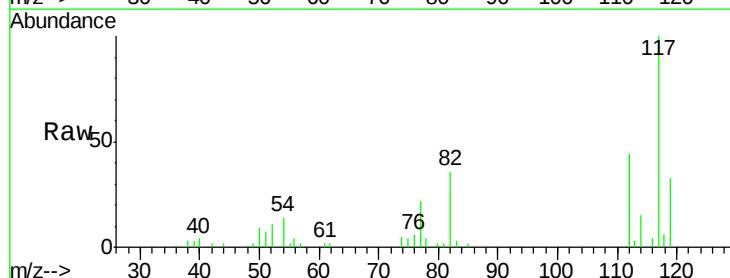


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

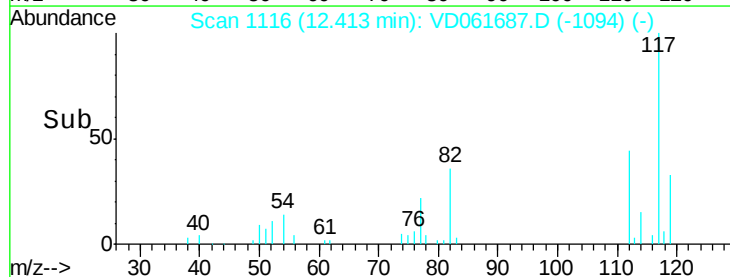
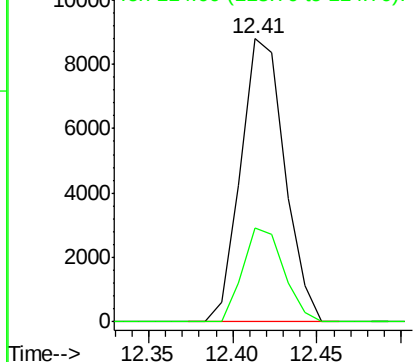


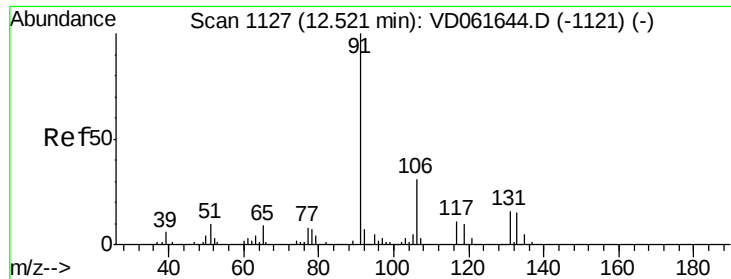
#65
Chlorobenzene
Concen: 1.825 ug/l
RT: 12.41 min Scan# 1116
Delta R.T. 0.02 min
Lab File: VD061687.D
Acq: 9 Apr 2019 20:57

Tgt Ion:112 Resp: 15905
Ion Ratio Lower Upper
112 100
114 33.2 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 114.00 (113.70 to 114.70): V

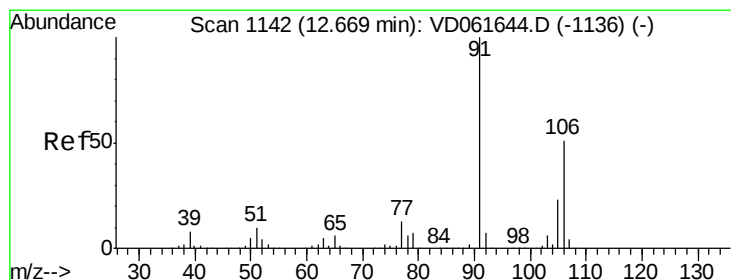
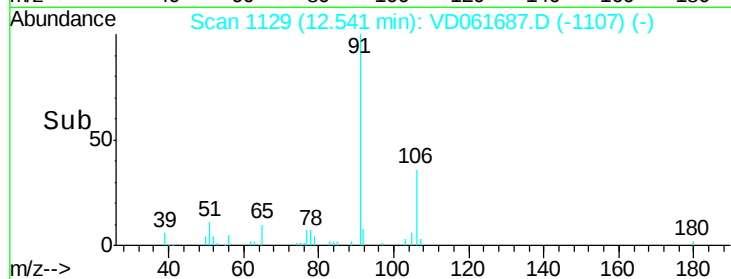
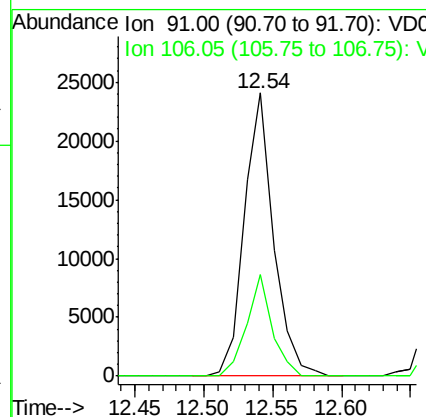
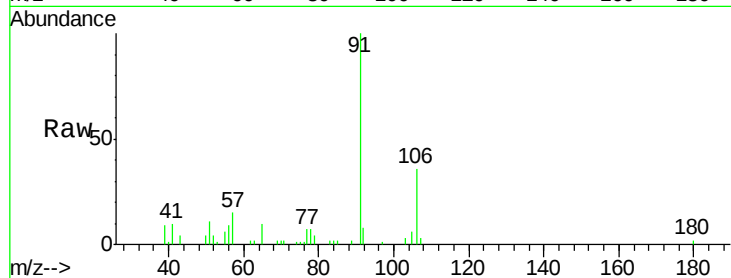




#67
Ethyl Benzene
Concen: 2.685 ug/l
RT: 12.54 min Scan# 1129
Delta R.T. 0.02 min
Lab File: VD061687.D
Acq: 9 Apr 2019 20:57

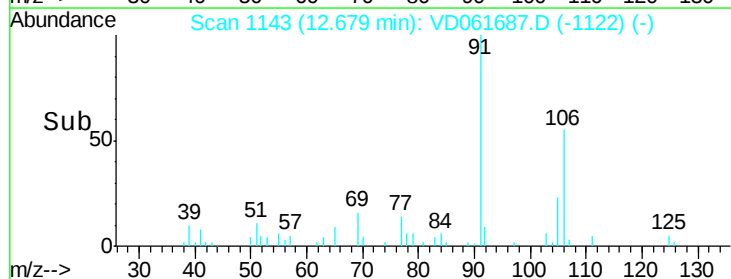
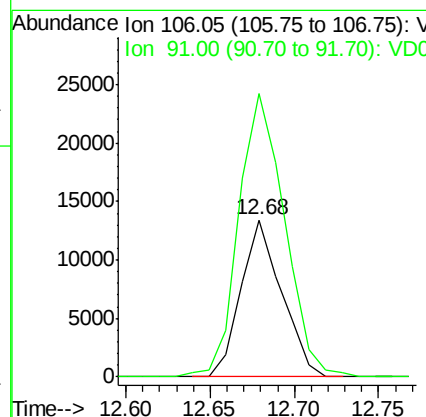
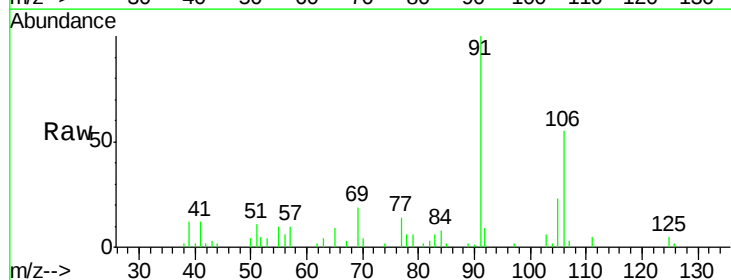
Instrument :
MSVOA_D
ClientSampleId :

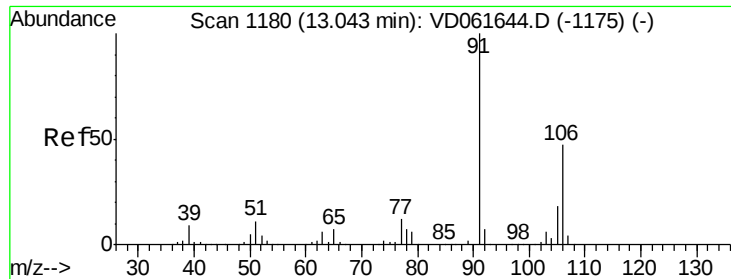
Tot Ion: 91 Resp: 35643
Ion Ratio Lower Upper
91 100
106 35.9 24.6 37.0



#68
m/p-Xylenes
Concen: 4.381 ug/l
RT: 12.68 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VD061687.D
Acq: 9 Apr 2019 20:57

Tgt Ion: 106 Resp: 22417
Ion Ratio Lower Upper
106 100
91 180.6 156.7 235.1

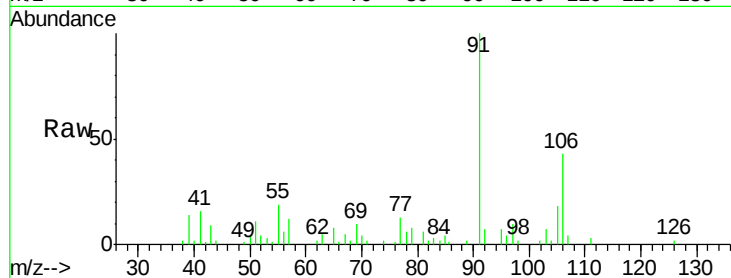




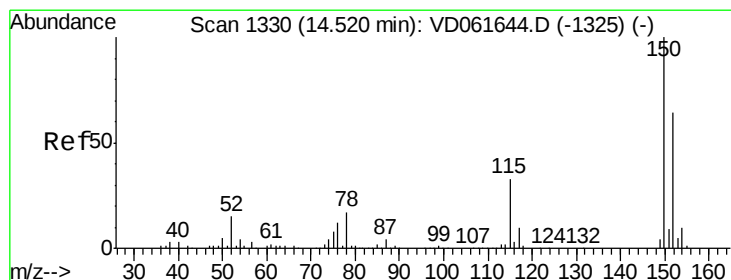
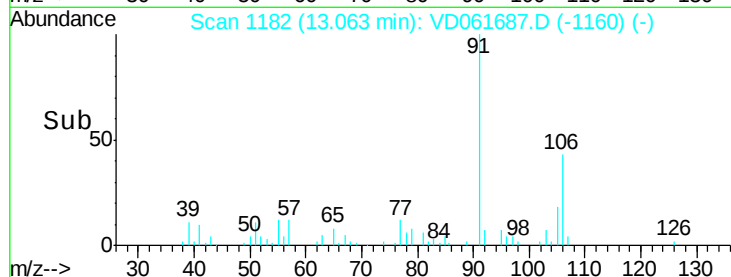
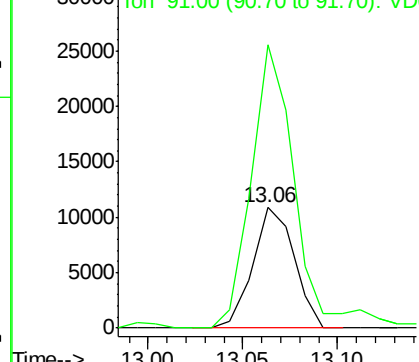
#69
o-Xylene
Concen: 3.350 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. 0.02 min
Lab File: VD061687.D
Acq: 9 Apr 2019 20:57

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:106 Resp: 16548
Ion Ratio Lower Upper
106 100
91 234.9 107.3 321.9

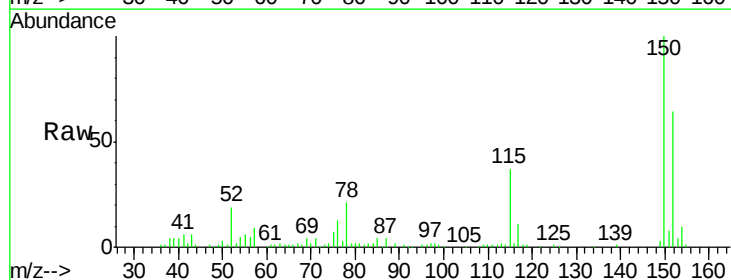


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

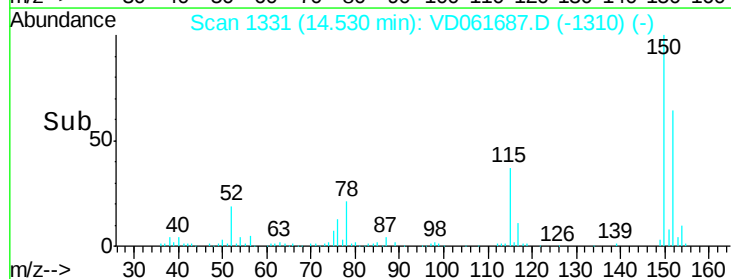
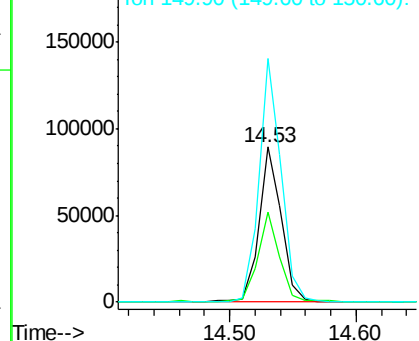


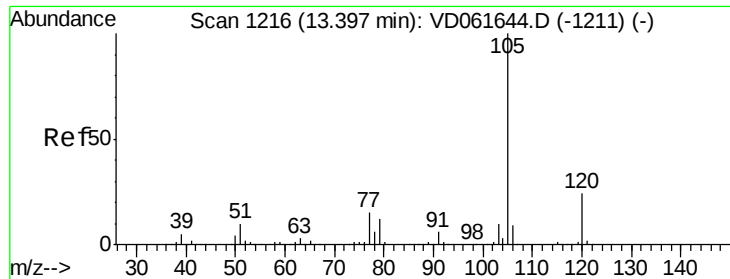
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061687.D
Acq: 9 Apr 2019 20:57

Tgt Ion:152 Resp: 110570
Ion Ratio Lower Upper
152 100
115 58.4 26.4 79.2
150 157.0 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





#73

Isopropylbenzene

Concen: 22.517 ug/l

RT: 13.42 min Scan# 1218

Delta R.T. 0.02 min

Lab File: VD061687.D

Acq: 9 Apr 2019 20:57

Instrument :

MSVOA_D

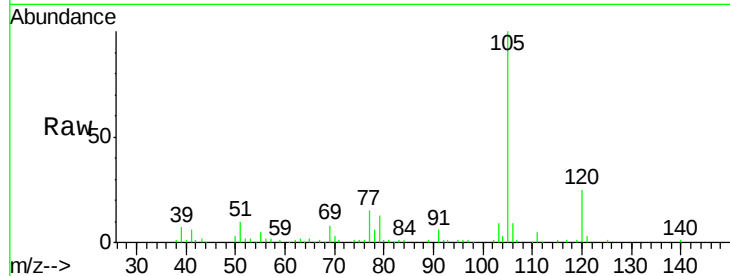
ClientSampleId :

Tot Ion:105 Resp: 165894

Ion Ratio Lower Upper

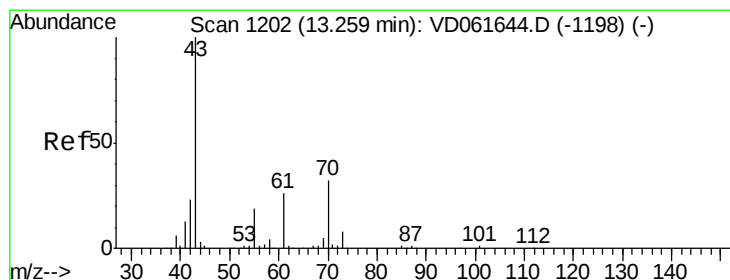
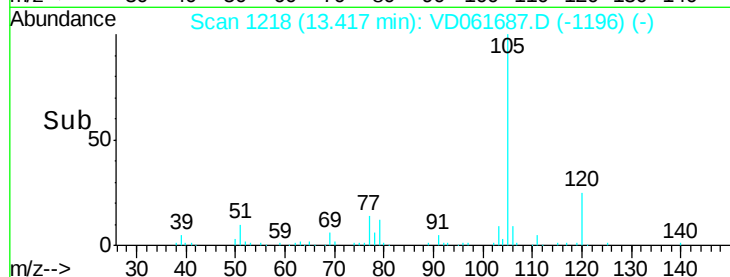
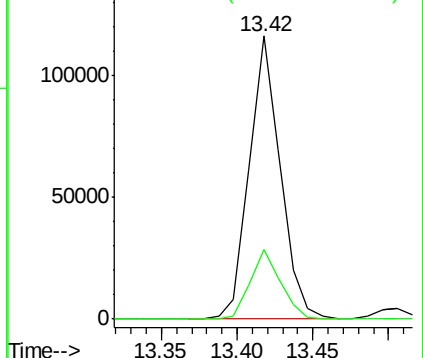
105 100

120 24.8 12.2 36.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 19.983 ug/l

RT: 13.23 min Scan# 1199

Delta R.T. -0.03 min

Lab File: VD061687.D

Acq: 9 Apr 2019 20:57

Tgt Ion: 43 Resp: 40002

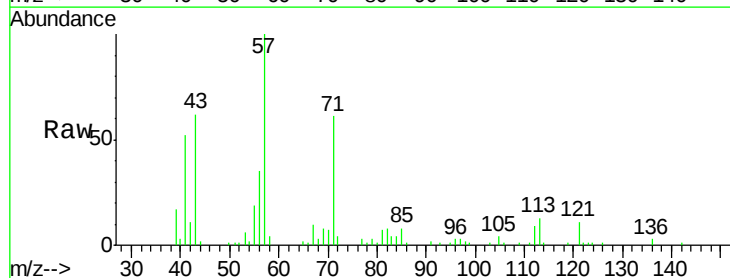
Ion Ratio Lower Upper

43 100

70 11.8 25.4 38.2#

55 30.3 15.0 22.4#

61 0.0 20.9 31.3#

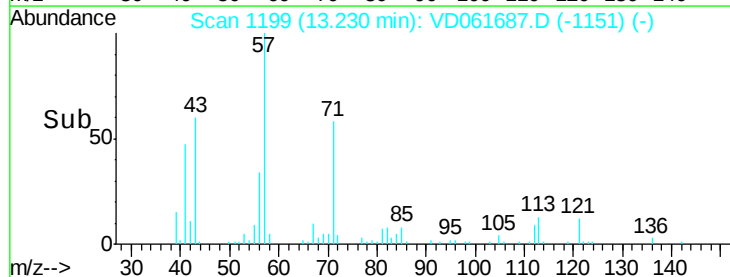
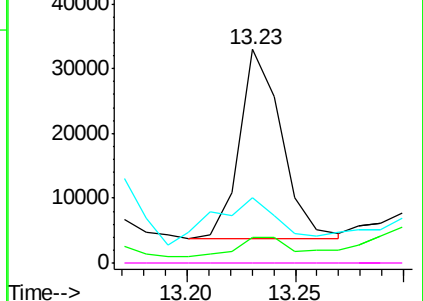


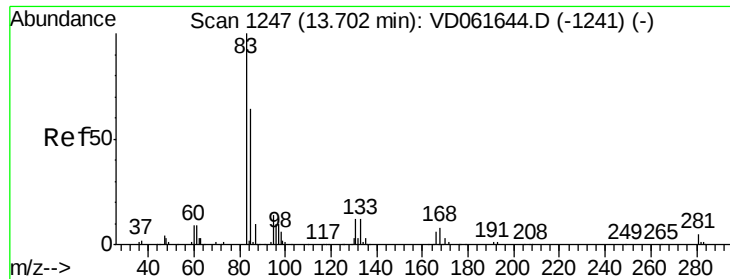
Abundance Ion 42.95 (42.65 to 43.65): VDC

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





#75

1,1,2,2-Tetrachloroethane

Concen: 6.628 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. 0.03 min

Lab File: VD061687.D

Acq: 9 Apr 2019 20:57

Instrument :

MSVOA_D

ClientSampleId :

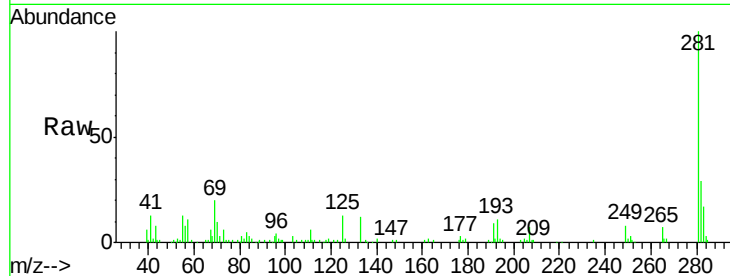
Tot Ion: 83 Resp: 10097

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.6#

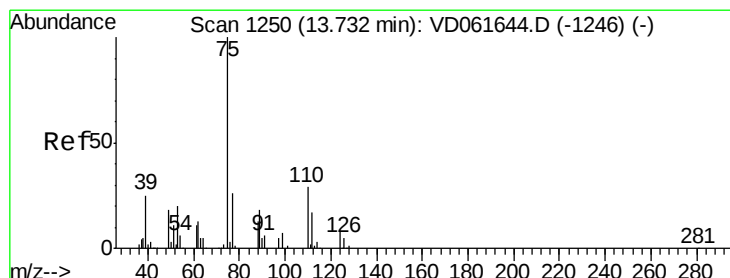
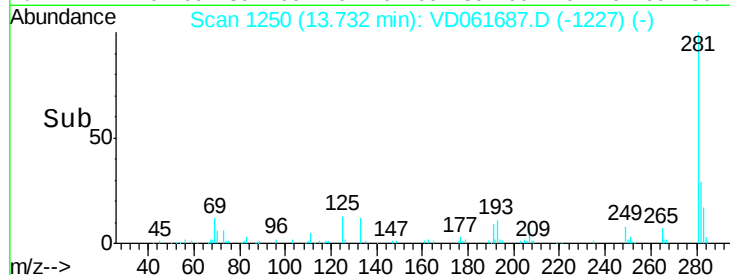
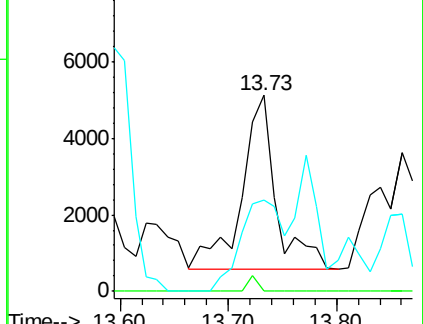
85 46.5 32.0 96.2



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



#76

1,2,3-Trichloropropane

Concen: 1.726 ug/l

RT: 13.72 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VD061687.D

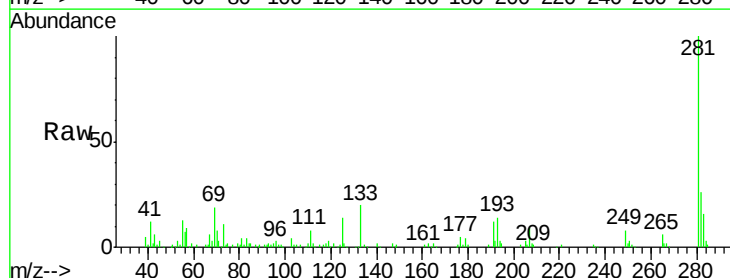
Acq: 9 Apr 2019 20:57

Tgt Ion: 75 Resp: 2596

Ion Ratio Lower Upper

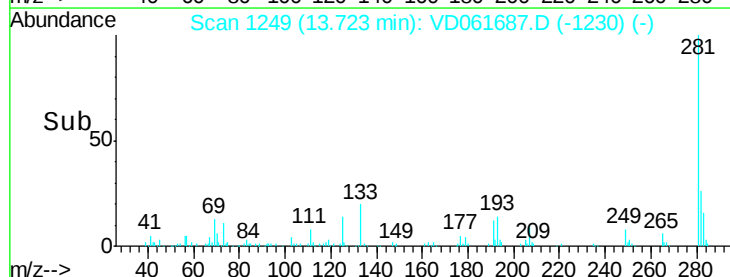
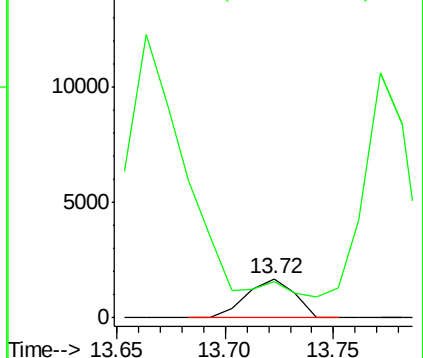
75 100

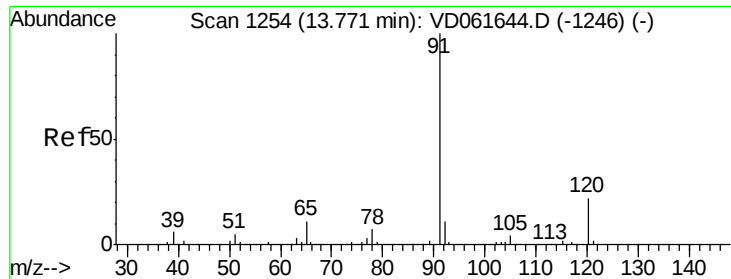
77 92.3 15.7 47.1#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

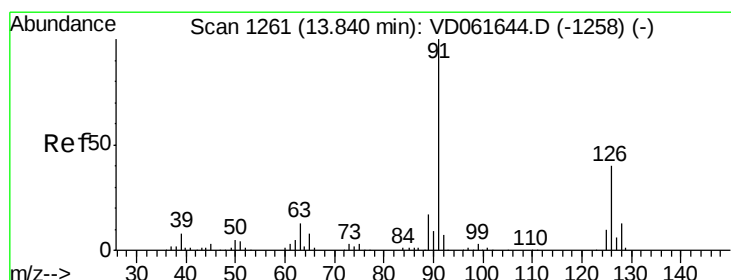
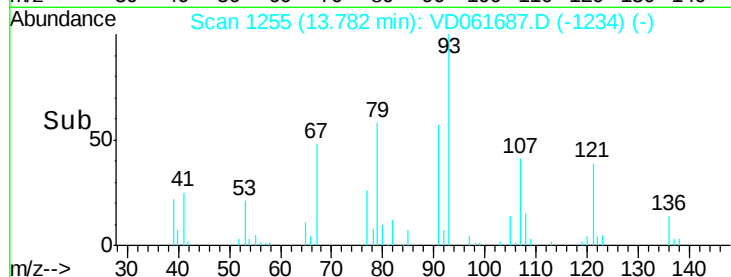
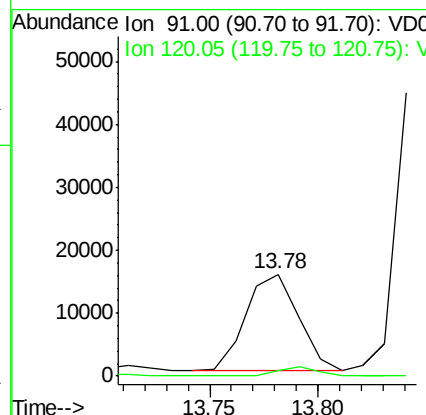
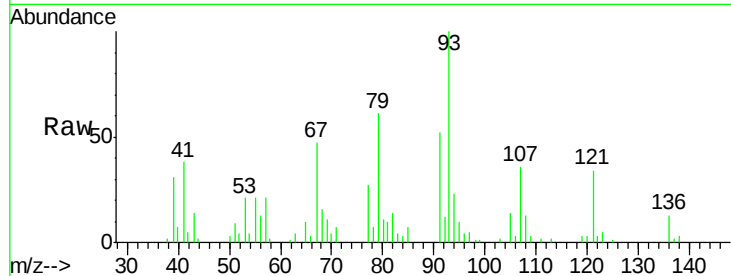




#78
n-propylbenzene
Concen: 2.914 ug/l
RT: 13.78 min Scan# 1255
Delta R.T. 0.01 min
Lab File: VD061687.D
Acq: 9 Apr 2019 20:57

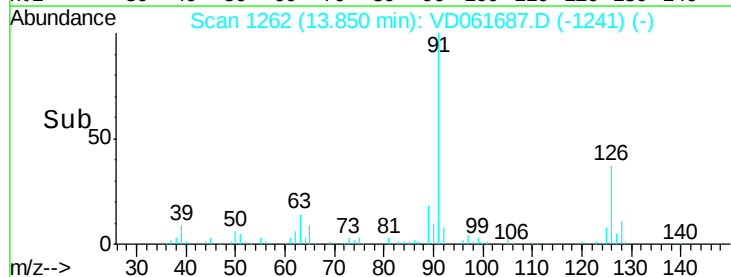
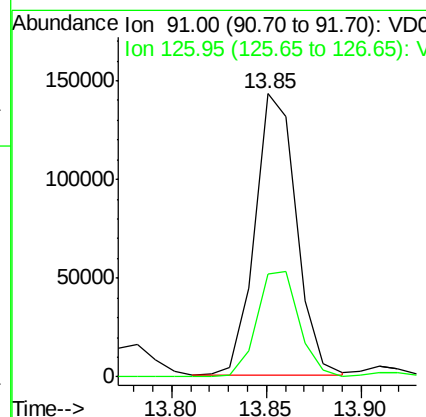
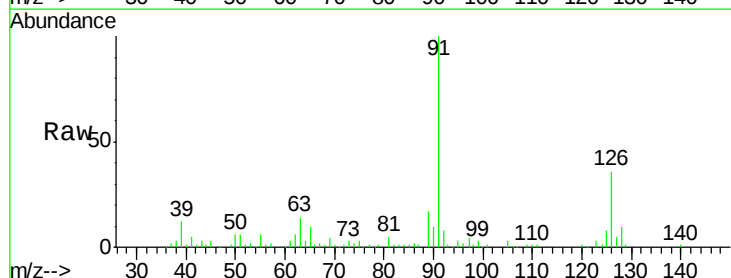
Instrument :
MSVOA_D
ClientSampleId :

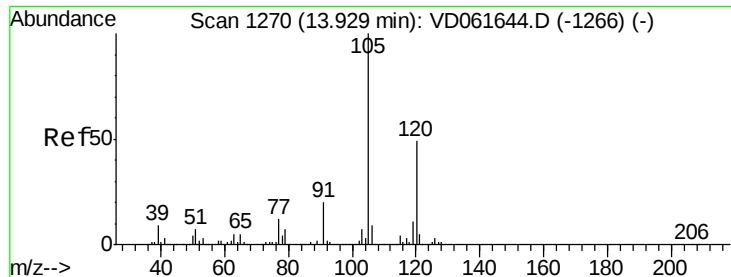
Tot Ion: 91 Resp: 25683
Ion Ratio Lower Upper
91 100
120 5.9 10.8 32.4#



#79
2-Chlorotoluene
Concen: 43.055 ug/l
RT: 13.85 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VD061687.D
Acq: 9 Apr 2019 20:57

Tgt Ion: 91 Resp: 216985
Ion Ratio Lower Upper
91 100
126 36.3 20.0 59.9

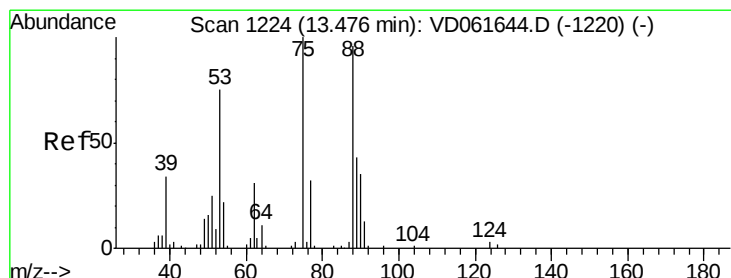
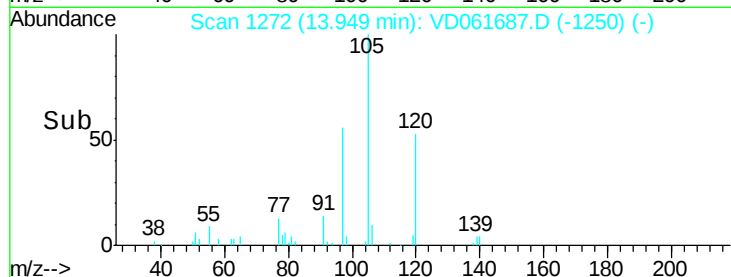
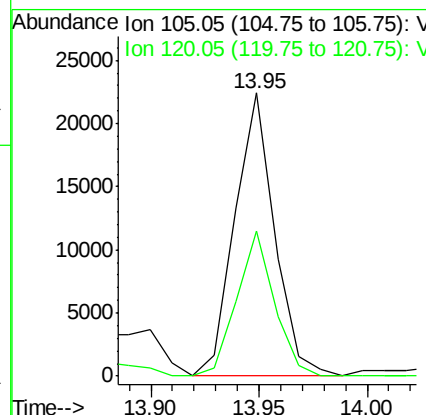
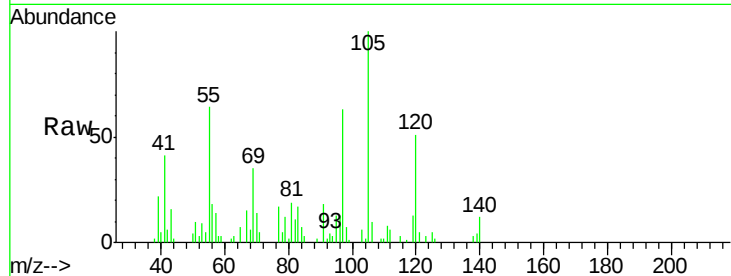




#80
 1,3,5-Trimethylbenzene
 Concen: 4.928 ug/l
 RT: 13.95 min Scan# 1272
 Delta R.T. 0.02 min
 Lab File: VD061687.D
 Acq: 9 Apr 2019 20:57

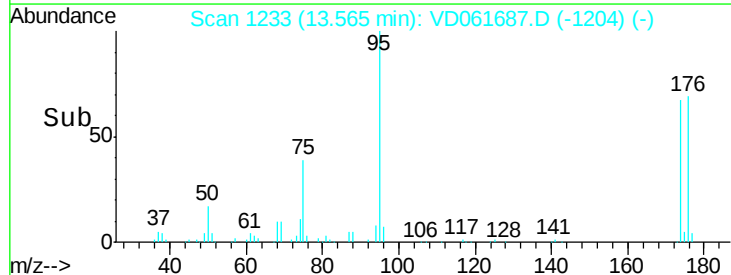
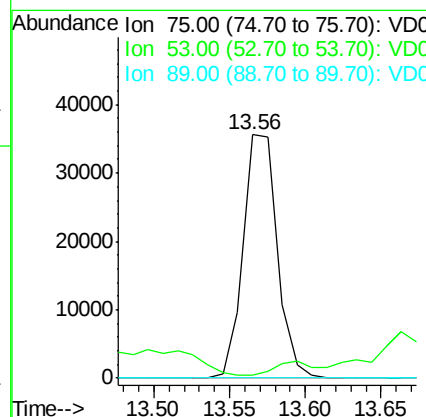
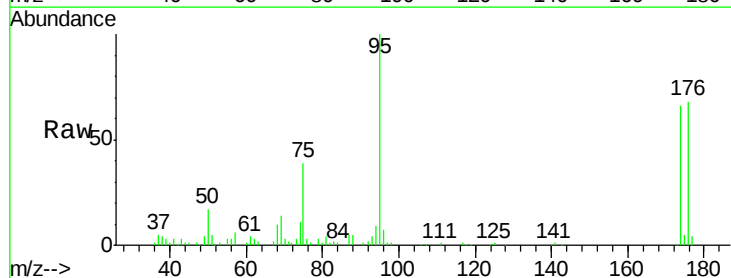
Instrument :
 MSVOA_D
 ClientSampled :

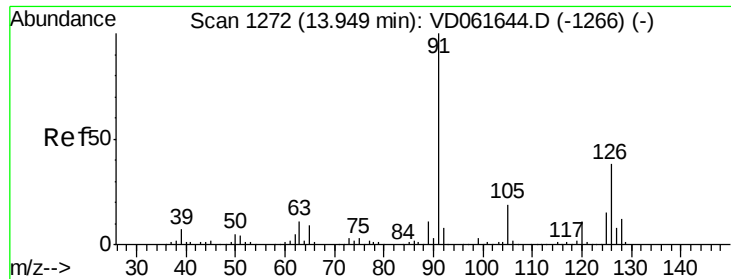
Tot Ion:105 Resp: 28819
 Ion Ratio Lower Upper
 105 100
 120 51.1 24.4 73.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.697 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.09 min
 Lab File: VD061687.D
 Acq: 9 Apr 2019 20:57

Tgt Ion: 75 Resp: 55553
 Ion Ratio Lower Upper
 75 100
 53 1.4 60.2 90.2#
 89 0.0 34.2 51.2#





#82

4-Chlorotoluene

Concen: 39.292 ug/l

RT: 13.85 min Scan# 1262

Delta R.T. -0.10 min

Lab File: VD061687.D

Acq: 9 Apr 2019 20:57

Instrument :

MSVOA_D

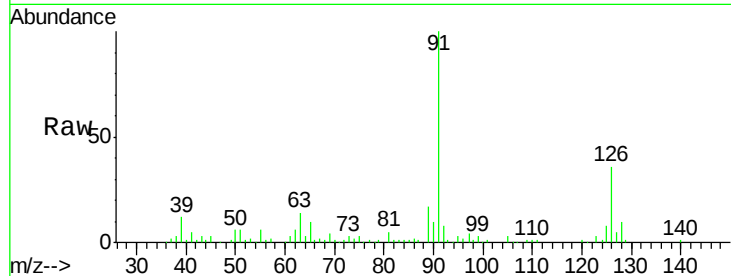
ClientSampled :

Tot Ion: 91 Resp: 216985

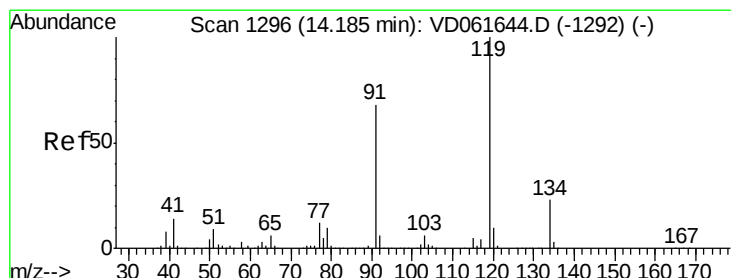
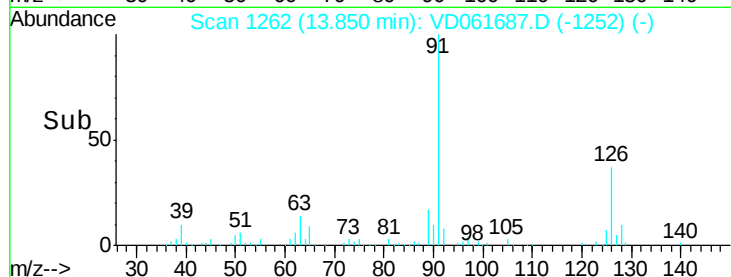
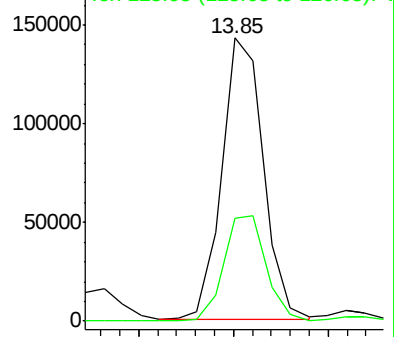
Ion Ratio Lower Upper

91 100

126 36.3 19.0 57.0



Abundance Ion 91.00 (90.70 to 91.70): V



#83

tert-Butylbenzene

Concen: 2.494 ug/l

RT: 14.20 min Scan# 1298

Delta R.T. 0.02 min

Lab File: VD061687.D

Acq: 9 Apr 2019 20:57

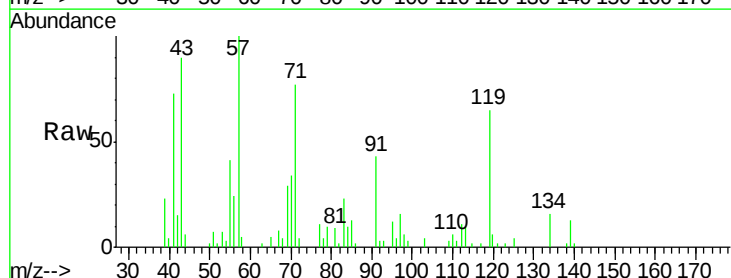
Tgt Ion: 119 Resp: 17584

Ion Ratio Lower Upper

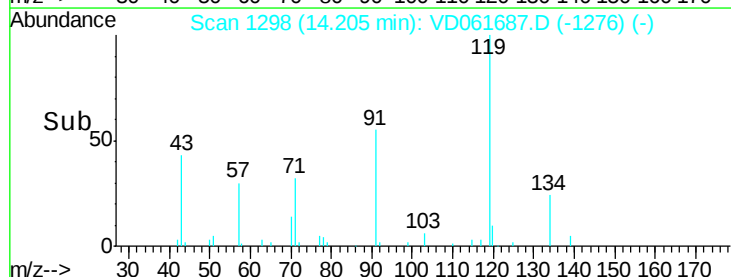
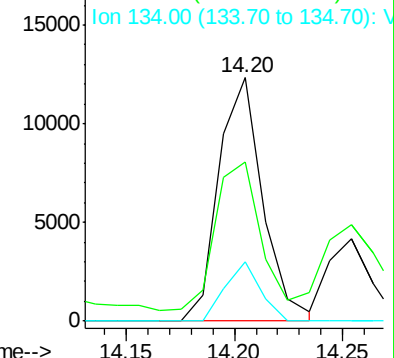
119 100

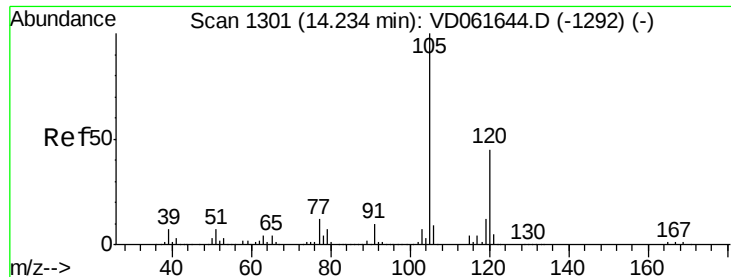
91 65.3 33.9 101.6

134 24.4 11.6 34.8



Abundance Ion 119.05 (118.75 to 119.75): V

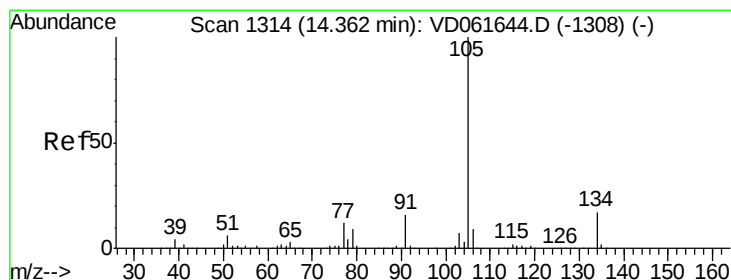
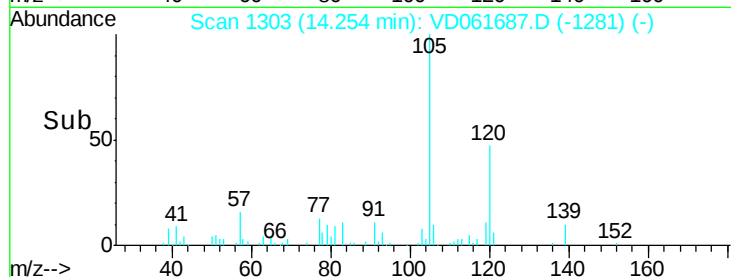
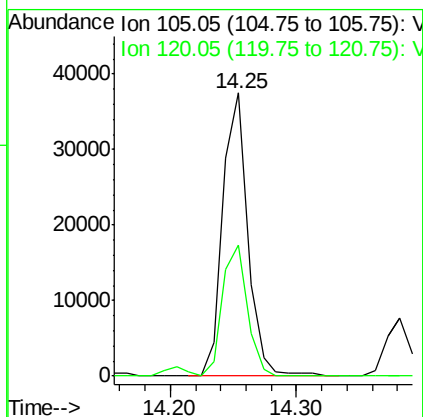
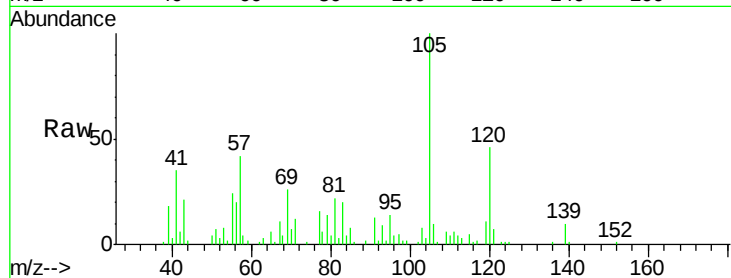




#84
1,2,4-Trimethylbenzene
Concen: 8.711 ug/l
RT: 14.25 min Scan# 1303
Delta R.T. 0.02 min
Lab File: VD061687.D
Acq: 9 Apr 2019 20:57

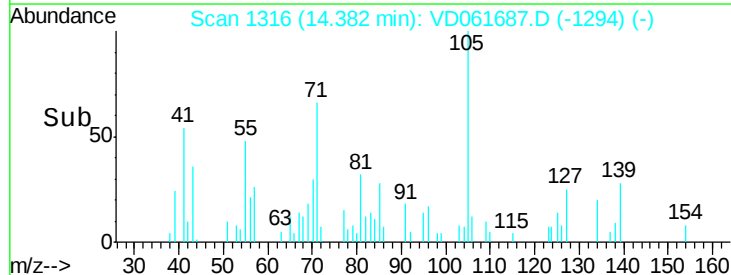
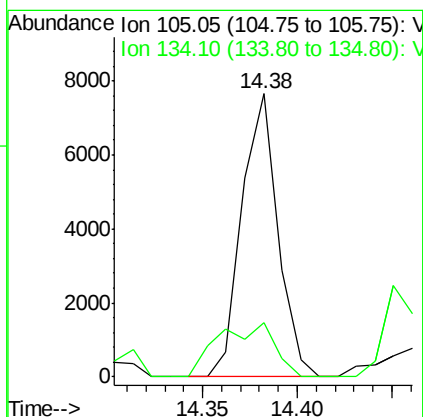
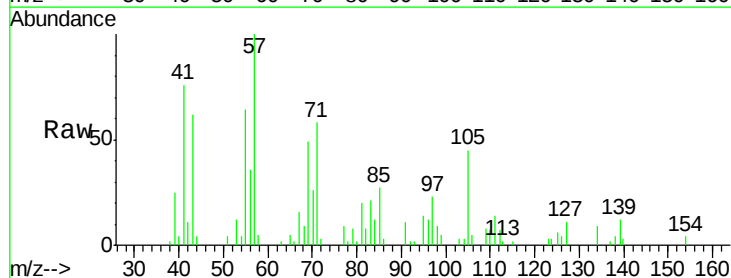
Instrument :
MSVOA_D
ClientSampleId :

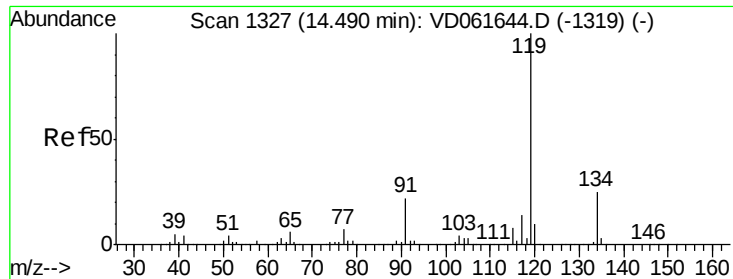
Tot Ion:105 Resp: 51409
Ion Ratio Lower Upper
105 100
120 46.3 22.6 67.8



#85
sec-Butylbenzene
Concen: 1.322 ug/l
RT: 14.38 min Scan# 1316
Delta R.T. 0.02 min
Lab File: VD061687.D
Acq: 9 Apr 2019 20:57

Tgt Ion:105 Resp: 10071
Ion Ratio Lower Upper
105 100
134 19.2 8.6 25.7

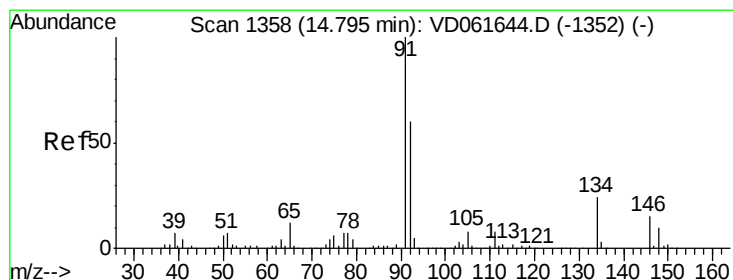
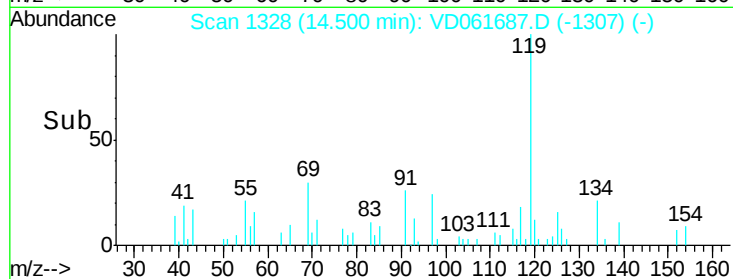
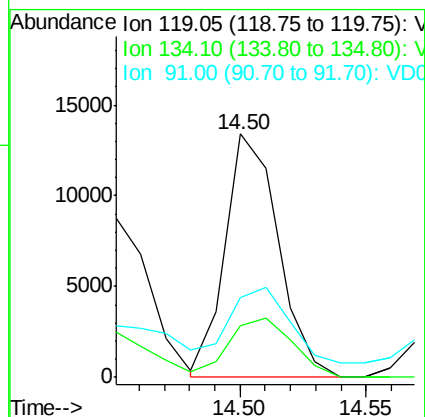
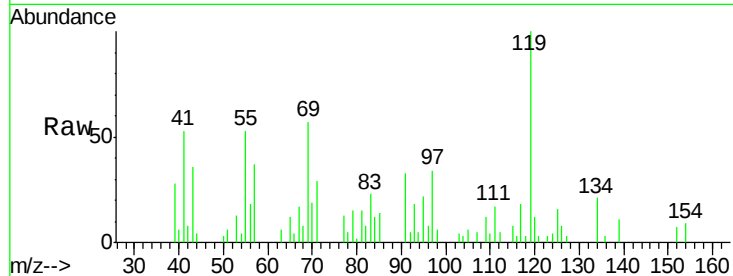




#86
 p-Isopropyltoluene
 Concen: 2.965 ug/l
 RT: 14.50 min Scan# 1328
 Delta R.T. 0.01 min
 Lab File: VD061687.D
 Acq: 9 Apr 2019 20:57

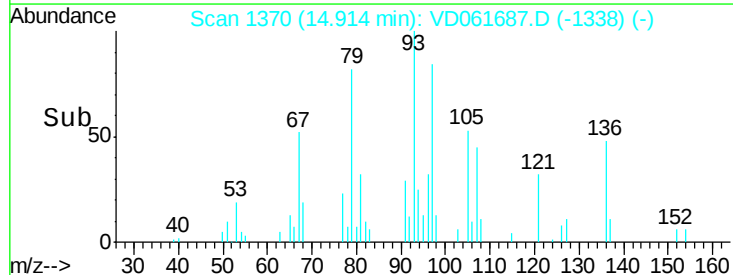
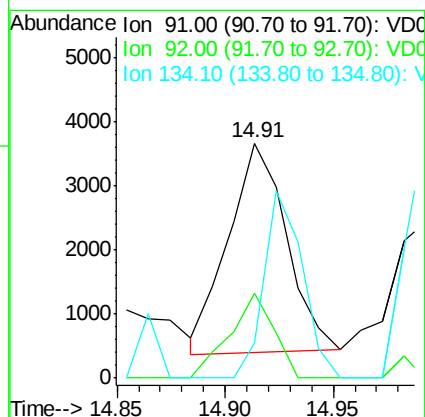
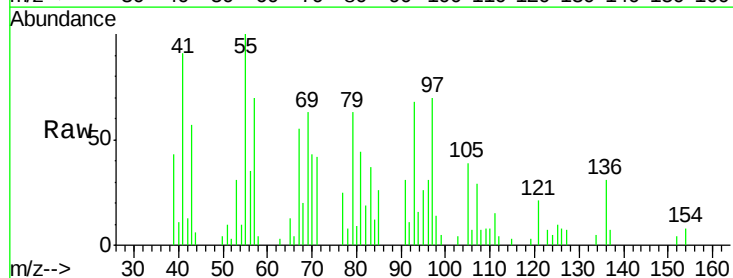
Instrument :
 MSVOA_D
 ClientSampleId :

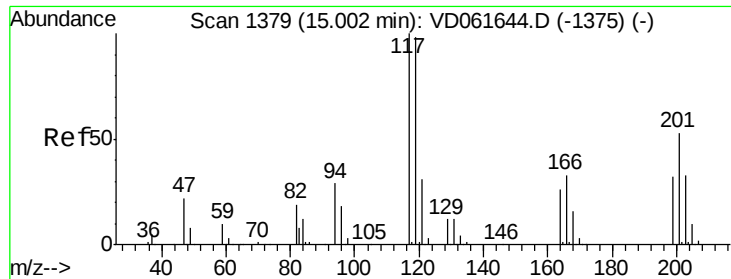
Tot Ion:119 Resp: 19592
 Ion Ratio Lower Upper
 119 100
 134 21.4 12.5 37.5
 91 32.5 11.0 33.0



#89
 n-Butylbenzene
 Concen: 1.066 ug/l
 RT: 14.91 min Scan# 1370
 Delta R.T. 0.12 min
 Lab File: VD061687.D
 Acq: 9 Apr 2019 20:57

Tgt Ion: 91 Resp: 6124
 Ion Ratio Lower Upper
 91 100
 92 36.2 29.8 89.4
 134 14.9 12.2 36.4





#90

Hexachloroethane

Concen: 1.463 ug/l

RT: 14.99 min Scan# 1378

Delta R.T. -0.01 min

Lab File: VD061687.D

Acq: 9 Apr 2019 20:57

Instrument :

MSVOA_D

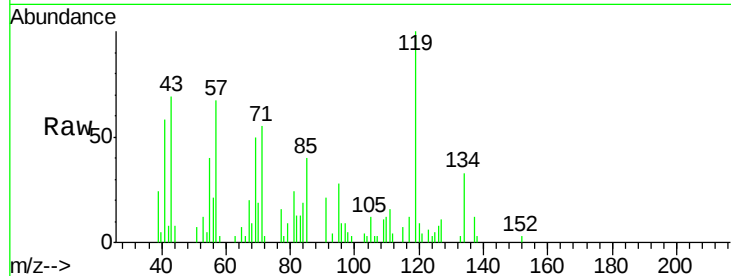
ClientSampled :

Tot Ion:117 Resp: 2623

Ion Ratio Lower Upper

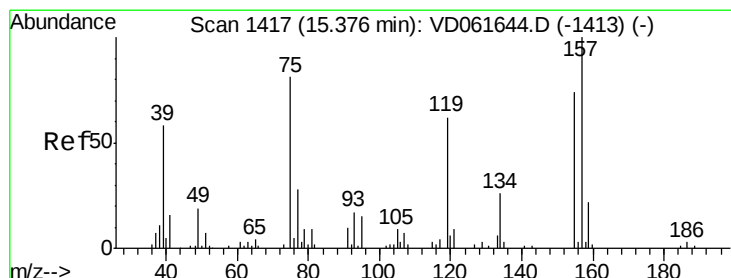
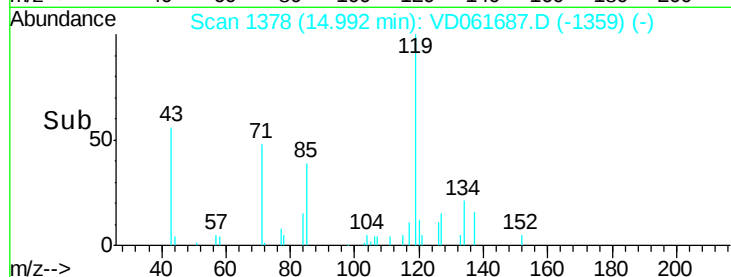
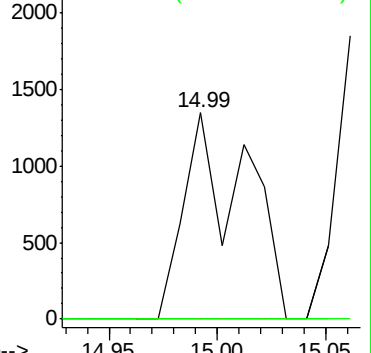
117 100

201 0.0 26.3 78.8#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.405 ug/l

RT: 15.36 min Scan# 1415

Delta R.T. -0.02 min

Lab File: VD061687.D

Acq: 9 Apr 2019 20:57

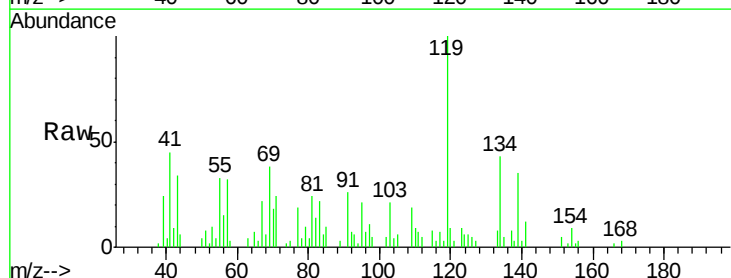
Tgt Ion: 75 Resp: 626

Ion Ratio Lower Upper

75 100

155 68.0 45.6 136.7

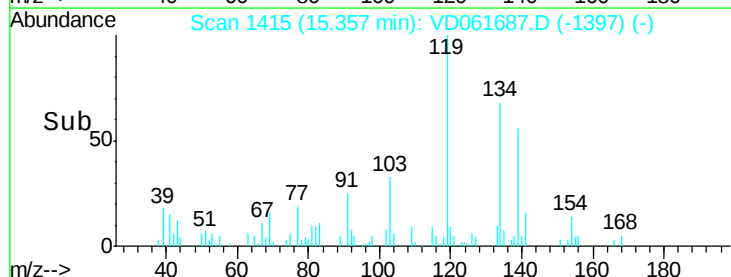
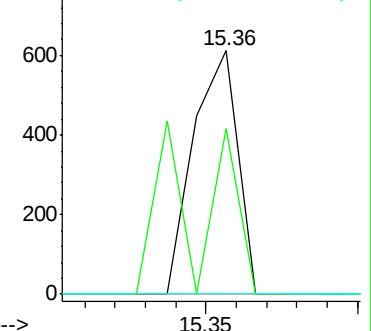
157 0.0 61.4 184.2#

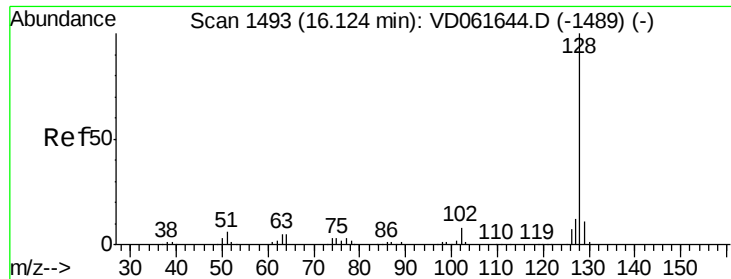


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

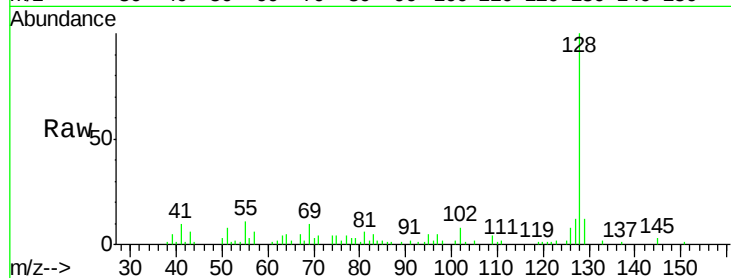




#95
 Naphthalene
 Concen: 16.744 ug/l
 RT: 16.13 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: VD061687.D
 Acq: 9 Apr 2019 20:57

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:128 Resp: 40943
 Ion Ratio Lower Upper
 128 100
 127 12.3 9.4 14.2
 129 12.3 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

