

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041019\
 Data File : VD061715.D
 Acq On : 10 Apr 2019 16:14
 Operator : VA/AP
 Sample : K2316-03RE
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 11 01:06:54 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	7.07	168	565530	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	874950	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	653483	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	206773	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	250454	58.43	ug/l	0.02
Spiked Amount			Recovery	=	116.86%	
35) Dibromofluoromethane	6.95	113	406698	67.10	ug/l	0.03
Spiked Amount			Recovery	=	134.20%	
50) Toluene-d8	10.43	98	921129	60.49	ug/l	0.02
Spiked Amount			Recovery	=	120.98%	
62) 4-Bromofluorobenzene	13.56	95	260300	48.27	ug/l	0.00
Spiked Amount			Recovery	=	96.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.07	59	4876	16.972	ug/l #	72
13) Acrolein	3.05	56	752	2.147	ug/l	100
16) Acetone	3.23	43	148994	116.271	ug/l	98
17) Carbon Disulfide	3.41	76	87689	4.577	ug/l	97
20) Methylene Chloride	3.84	84	58046	7.983	ug/l	99
25) 2-Butanone	6.10	43	51115	34.601	ug/l #	88
31) Cyclohexane	6.98	56	10387	1.287	ug/l	95
36) 1,1-Dichloropropene	7.07	75	39835	5.202	ug/l #	46
37) Ethyl Acetate	6.10	43	51116	16.389	ug/l #	68
38) Carbon Tetrachloride	7.07	117	55722	6.209	ug/l #	15
40) Benzene	7.48	78	2252824	121.950	ug/l	99
42) 1,2-Dichloroethane	7.48	62	16478	2.836	ug/l	75
51) 4-Methyl-2-Pentanone	10.37	43	13705	5.120	ug/l #	84
52) Toluene	10.53	92	205864	17.846	ug/l	98
59) 2-Hexanone	11.65	43	3988	1.920	ug/l #	27
65) Chlorobenzene	12.41	112	293995	22.686	ug/l	99
67) Ethyl Benzene	12.53	91	291712	14.782	ug/l	98
68) m/p-Xylenes	12.67	106	222124	29.196	ug/l	97
69) o-Xylene	13.06	106	99322	13.524	ug/l	95
73) Isopropylbenzene	13.41	105	608751	44.185	ug/l	99
74) N-amyl acetate	13.22	43	12824	3.426	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	13.73	83	3821	1.341	ug/l #	70
76) 1,2,3-Trichloropropane	13.84	75	5656	2.011	ug/l #	1
78) n-propylbenzene	13.78	91	43624	2.647	ug/l	84
79) 2-Chlorotoluene	13.84	91	191569	20.327	ug/l	92
80) 1,3,5-Trimethylbenzene	13.94	105	61530	5.627	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.41	75	5466	6.403	ug/l #	22
82) 4-Chlorotoluene	13.95	91	22325	2.162	ug/l	79
83) tert-Butylbenzene	14.20	119	74705	5.666	ug/l	94
84) 1,2,4-Trimethylbenzene	14.25	105	132954	12.047	ug/l	97
85) sec-Butylbenzene	14.38	105	21920	1.539	ug/l	97
86) p-Isopropyltoluene	14.49	119	85327	6.905	ug/l	92
87) 1,3-Dichlorobenzene	14.54	146	14740	2.142	ug/l	97
88) 1,4-Dichlorobenzene	14.54	146	14740	2.123	ug/l	92

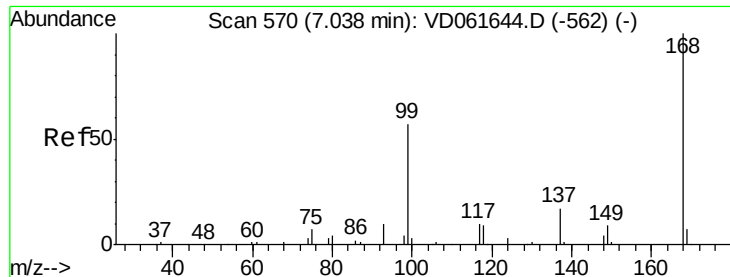
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041019\
Data File : VD061715.D
Acq On : 10 Apr 2019 16:14
Operator : VA/AP
Sample : K2316-03RE
Misc : 5.03g/5ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 11 01:06:54 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)
89) n-Butylbenzene	14.81	91	24185	2.252	ug/l	93
90) Hexachloroethane	15.01	117	5848	1.744	ug/l #	26
92) 1,2-Dibromo-3-Chloropropan	15.34	75	670	1.949	ug/l #	1
95) Naphthalene	16.13	128	35136	7.684	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.03 min

Lab File: VD061715.D

Acq: 10 Apr 2019 16:14

Instrument :

MSVOA_D

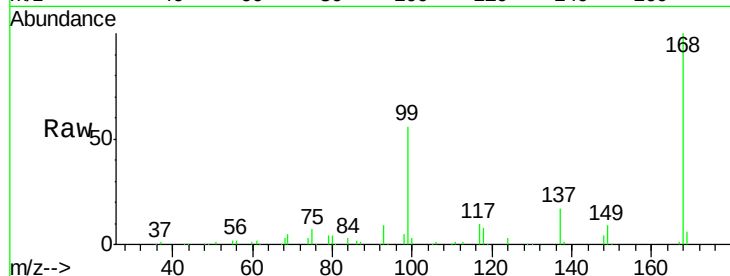
ClientSampled :

Tot Ion:168 Resp: 565530

Ion Ratio Lower Upper

168 100

99 55.6 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

200000

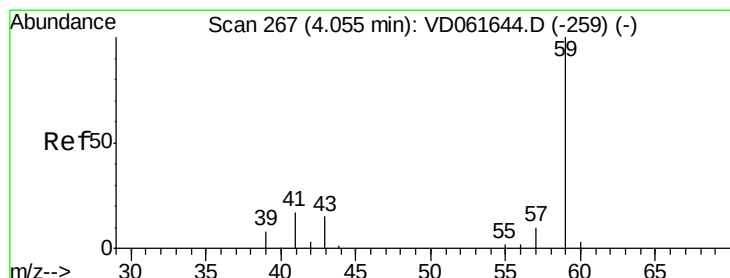
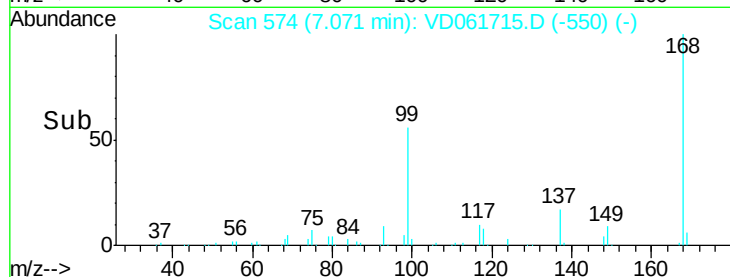
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#11

Tert butyl alcohol

Concen: 16.972 ug/l

RT: 4.07 min Scan# 269

Delta R.T. 0.01 min

Lab File: VD061715.D

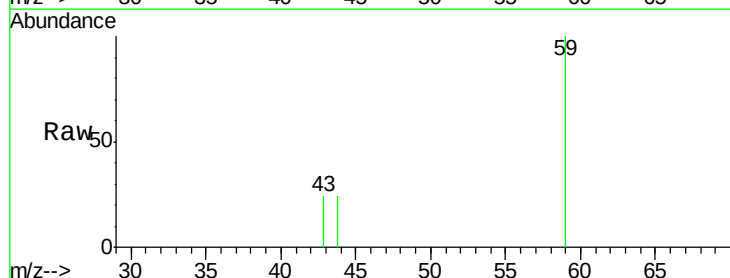
Acq: 10 Apr 2019 16:14

Tgt Ion: 59 Resp: 4876

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

4.07

2000

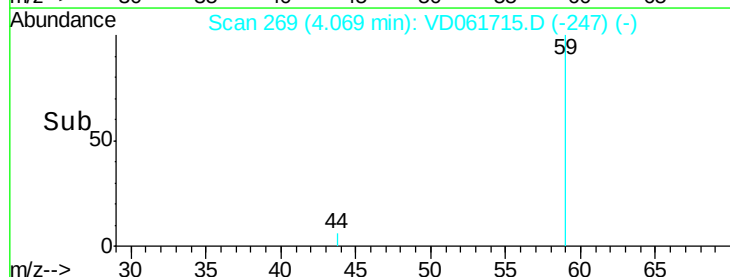
1500

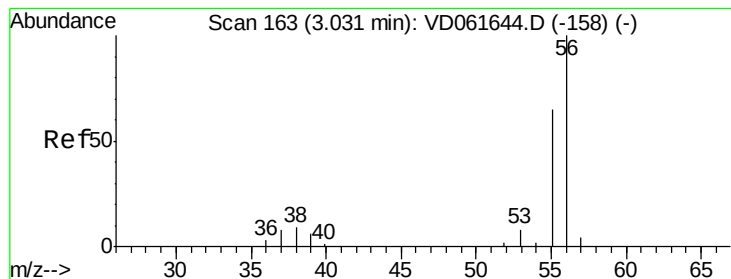
1000

500

0

Time--> 4.00 4.05 4.10 4.15





#13

Acrolein

Concen: 2.147 ug/l

RT: 3.05 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD061715.D

Acq: 10 Apr 2019 16:14

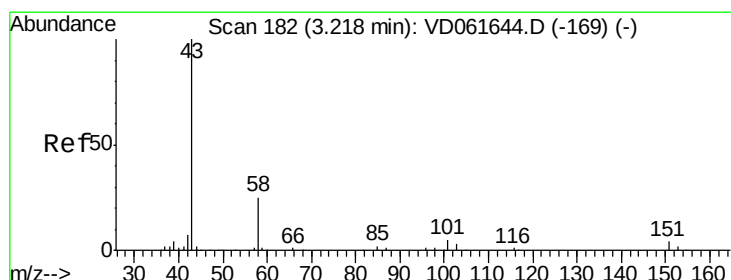
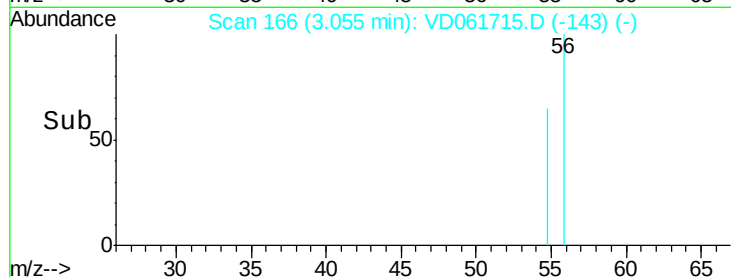
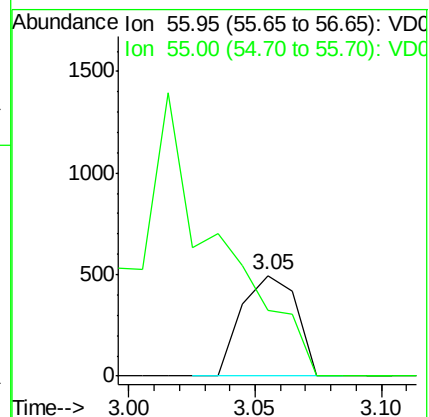
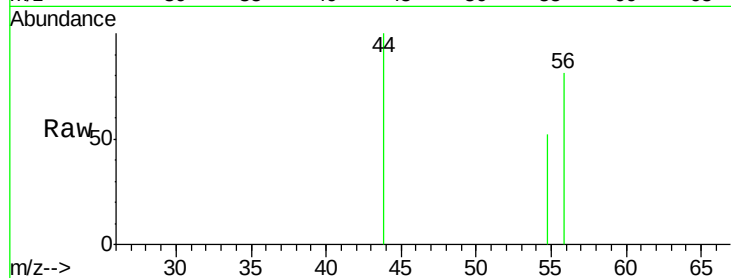
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 752

Ion Ratio Lower Upper

56 100

55 64.7 51.8 77.6



#16

Acetone

Concen: 116.271 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD061715.D

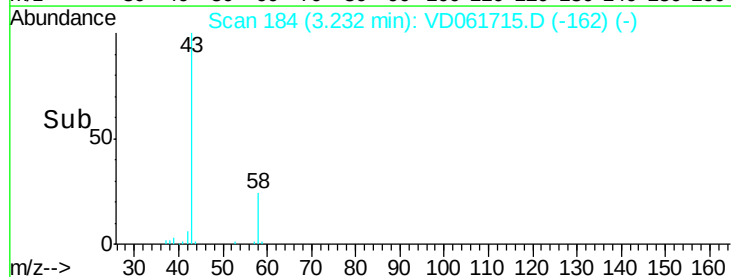
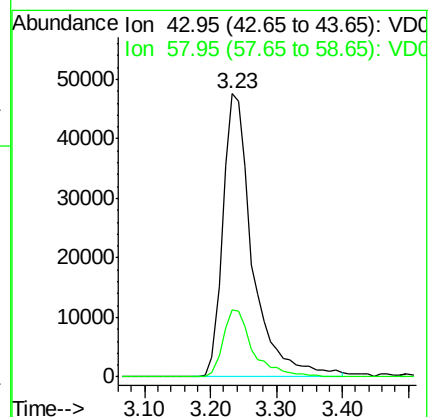
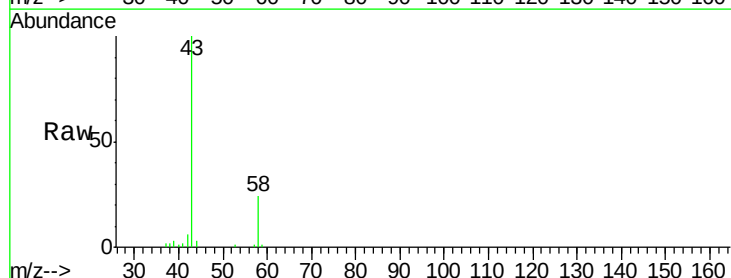
Acq: 10 Apr 2019 16:14

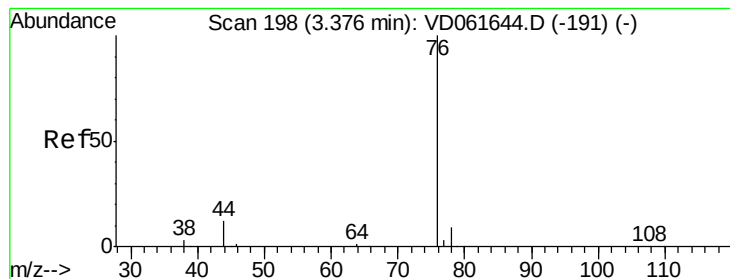
Tgt Ion: 43 Resp: 148994

Ion Ratio Lower Upper

43 100

58 23.6 19.7 29.5





#17

Carbon Disulfide

Concen: 4.577 ug/l

RT: 3.41 min Scan# 202

Delta R.T. 0.03 min

Lab File: VD061715.D

Acq: 10 Apr 2019 16:14

Instrument :

MSVOA_D

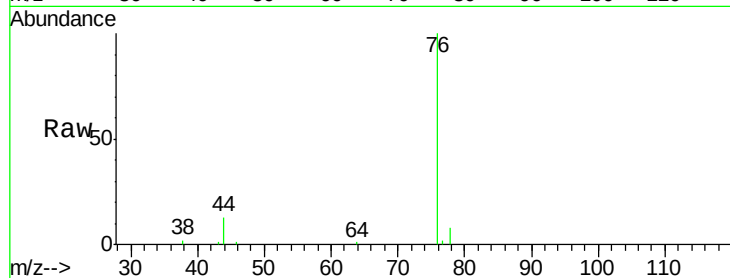
ClientSampleId :

Tot Ion: 76 Resp: 87689

Ion Ratio Lower Upper

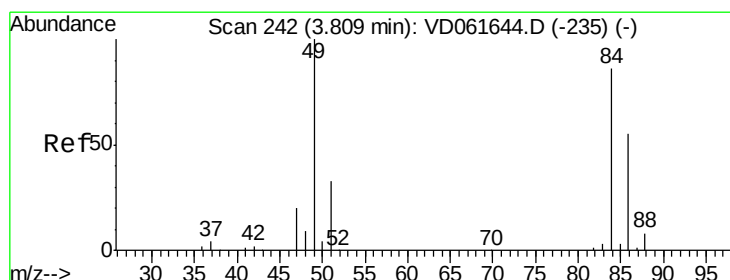
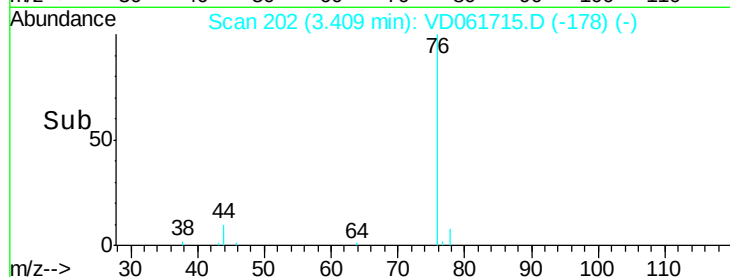
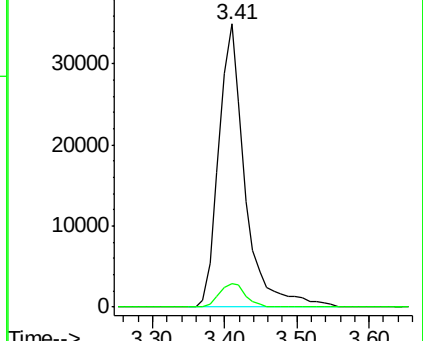
76 100

78 8.4 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: 7.983 ug/l

RT: 3.84 min Scan# 246

Delta R.T. 0.03 min

Lab File: VD061715.D

Acq: 10 Apr 2019 16:14

Tgt Ion: 84 Resp: 58046

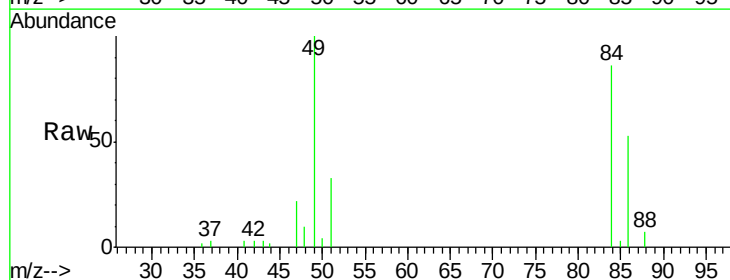
Ion Ratio Lower Upper

84 100

49 116.0 93.0 139.4

51 38.1 30.4 45.6

86 62.0 51.0 76.4

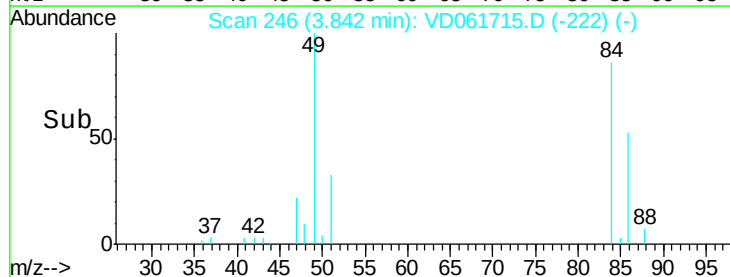
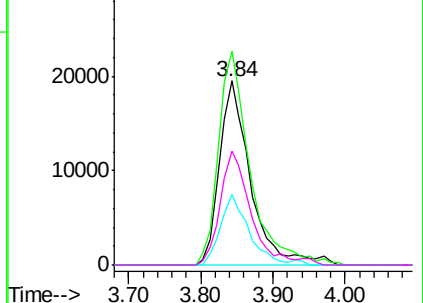


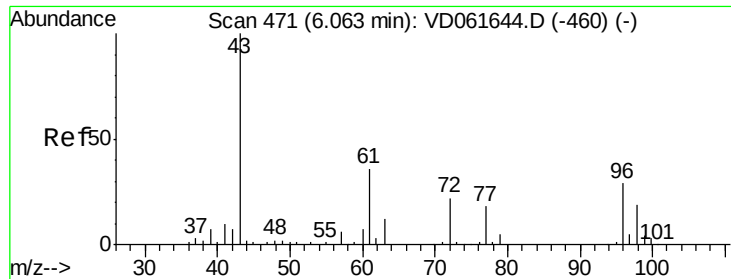
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 34.601 ug/l

RT: 6.10 min Scan# 475

Delta R.T. 0.03 min

Lab File: VD061715.D

Acq: 10 Apr 2019 16:14

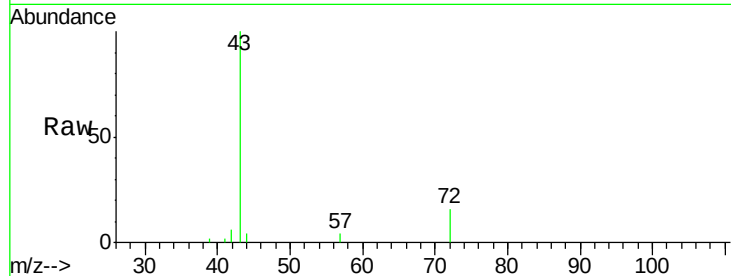
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 51115

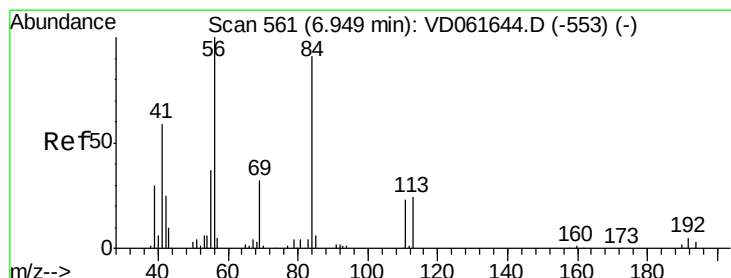
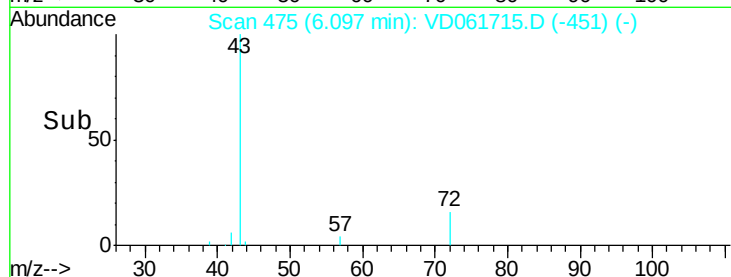
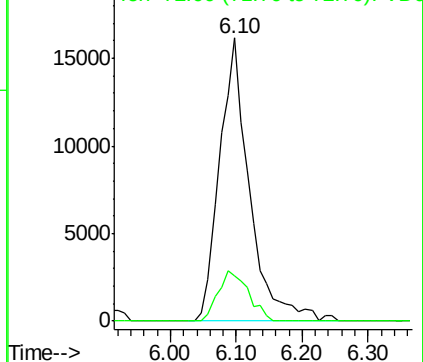
Ion Ratio Lower Upper

43 100

72 16.2 17.4 26.2#



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



#31

Cyclohexane

Concen: 1.287 ug/l

RT: 6.98 min Scan# 565

Delta R.T. 0.03 min

Lab File: VD061715.D

Acq: 10 Apr 2019 16:14

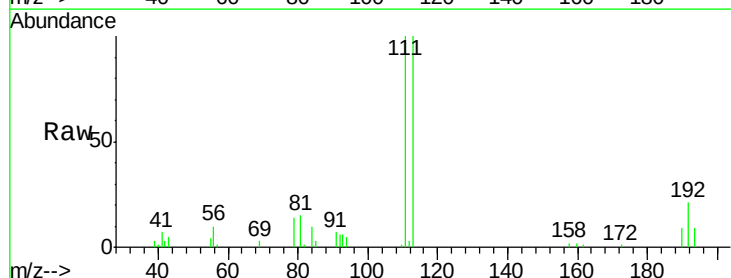
Tgt Ion: 56 Resp: 10387

Ion Ratio Lower Upper

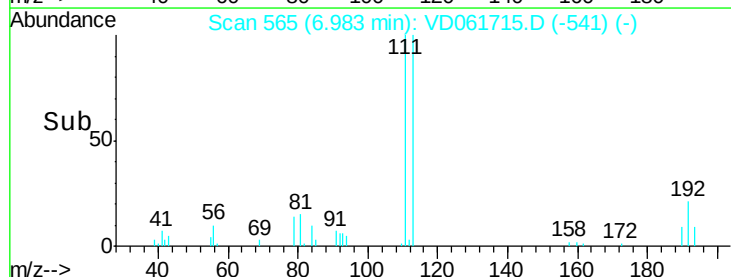
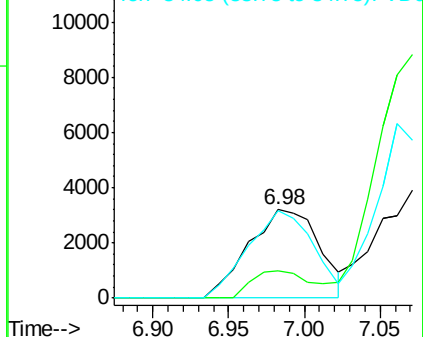
56 100

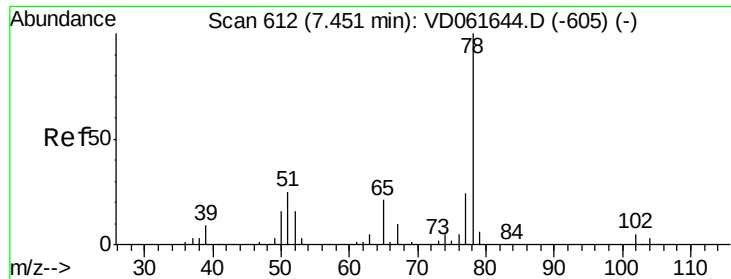
69 30.9 25.8 38.6

84 98.5 74.2 111.2



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.47 min Scan# 615

Delta R.T. 0.02 min

Lab File: VD061715.D

Acq: 10 Apr 2019 16:14

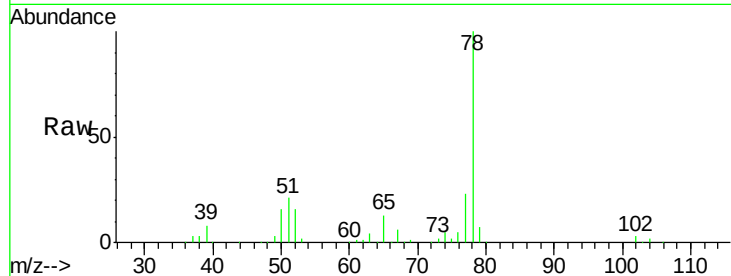
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 65 Resp: 250454

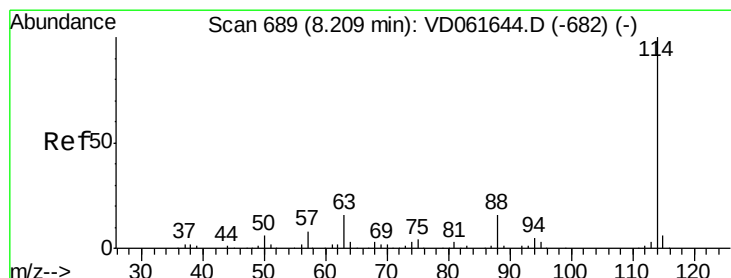
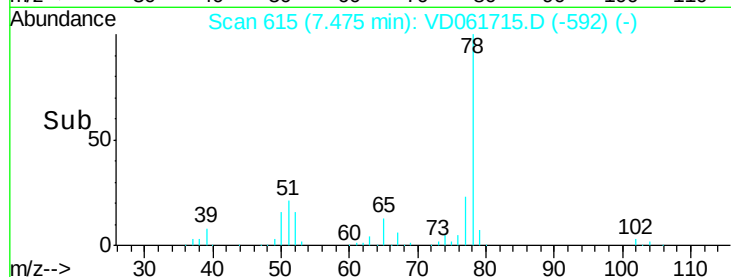
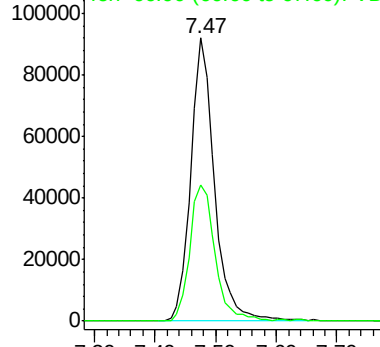
Ion Ratio Lower Upper

65 100

67 47.9 0.0 99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.24 min Scan# 693

Delta R.T. 0.03 min

Lab File: VD061715.D

Acq: 10 Apr 2019 16:14

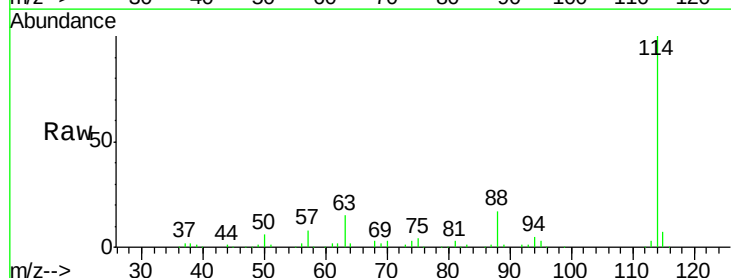
Tgt Ion: 114 Resp: 874950

Ion Ratio Lower Upper

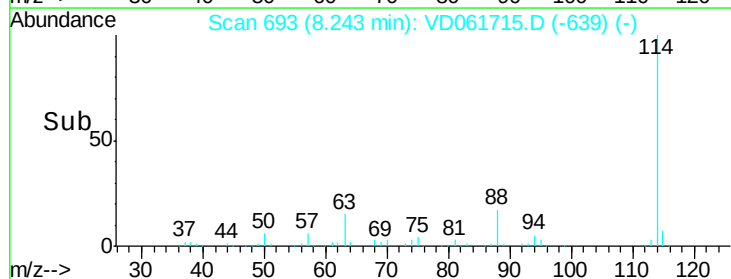
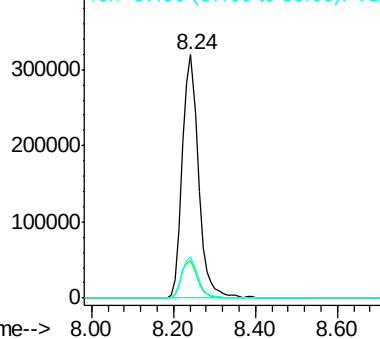
114 100

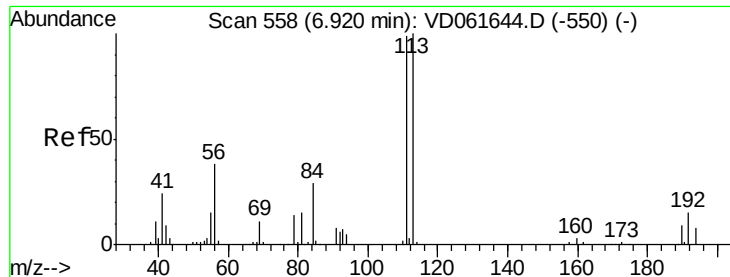
63 15.4 0.0 31.2

88 17.1 0.0 31.8



Abundance Ion 114.00 (113.70 to 114.70): VDC
Ion 62.95 (62.65 to 63.65): VDC
Ion 87.90 (87.60 to 88.60): VDC

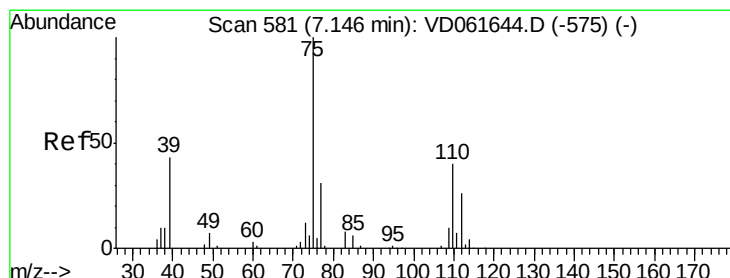
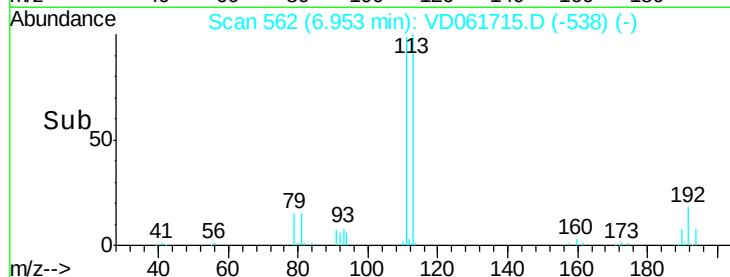
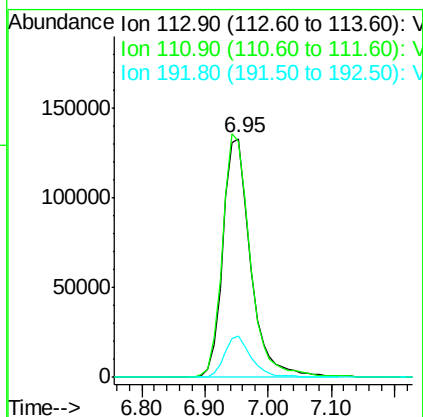
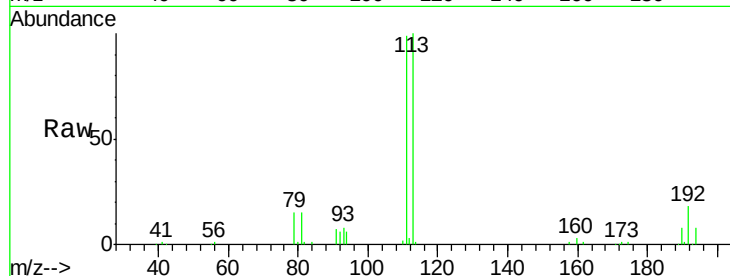




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.95 min Scan# 562
 Delta R.T. 0.03 min
 Lab File: VD061715.D
 Acq: 10 Apr 2019 16:14

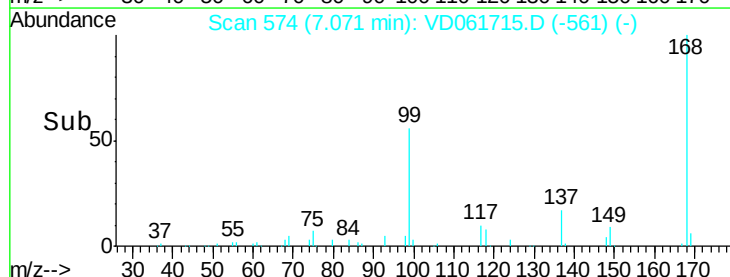
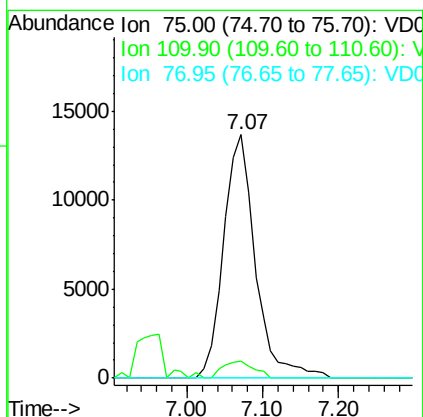
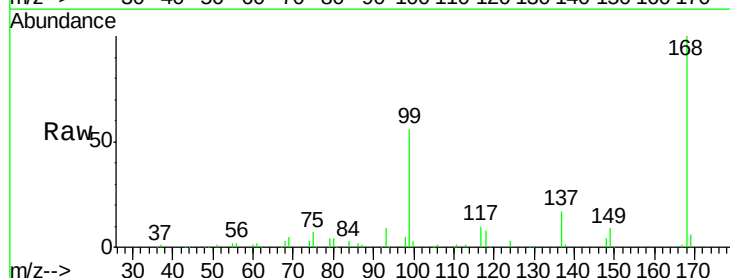
Instrument :
 MSVOA_D
 ClientSampleId :

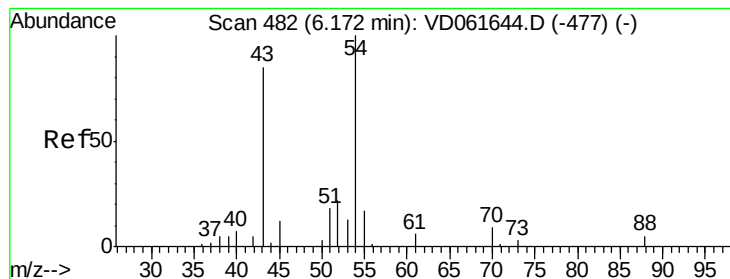
Tot Ion:113 Resp: 406698
 Ion Ratio Lower Upper
 113 100
 111 99.0 79.3 118.9
 192 17.5 12.3 18.5



#36
 1,1-Dichloropropene
 Concen: 5.202 ug/l
 RT: 7.07 min Scan# 574
 Delta R.T. -0.07 min
 Lab File: VD061715.D
 Acq: 10 Apr 2019 16:14

Tgt Ion: 75 Resp: 39835
 Ion Ratio Lower Upper
 75 100
 110 7.0 19.7 59.0#
 77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 16.389 ug/l

RT: 6.10 min Scan# 475

Delta R.T. -0.07 min

Lab File: VD061715.D

Acq: 10 Apr 2019 16:14

Instrument :

MSVOA_D

ClientSampleId :

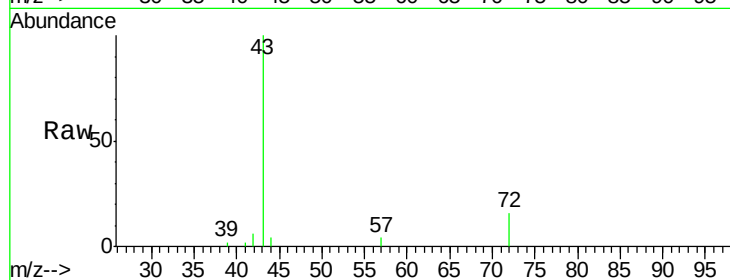
Tot Ion: 43 Resp: 51116

Ion Ratio Lower Upper

43 100

61 0.0 11.9 17.9#

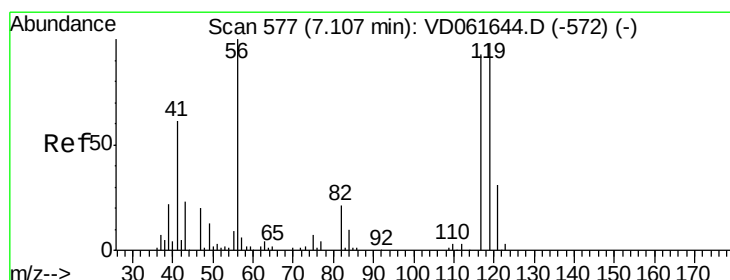
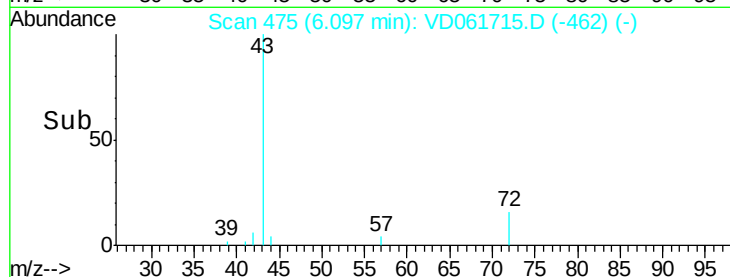
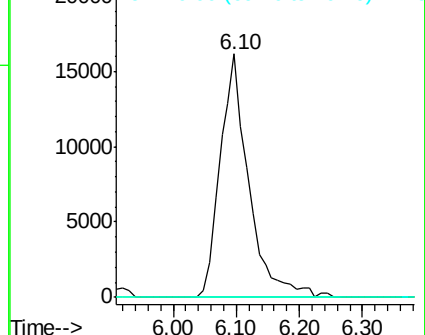
70 0.0 6.9 10.3#



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: 6.209 ug/l

RT: 7.07 min Scan# 574

Delta R.T. -0.04 min

Lab File: VD061715.D

Acq: 10 Apr 2019 16:14

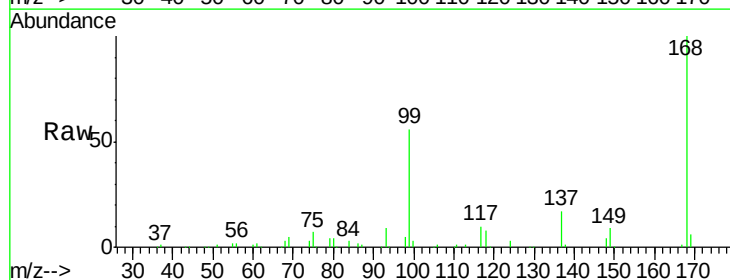
Tgt Ion: 117 Resp: 55722

Ion Ratio Lower Upper

117 100

119 4.3 77.9 116.9#

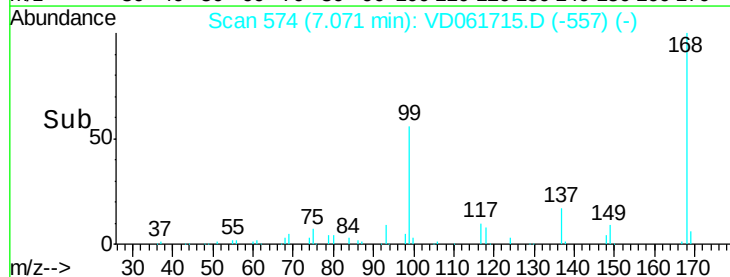
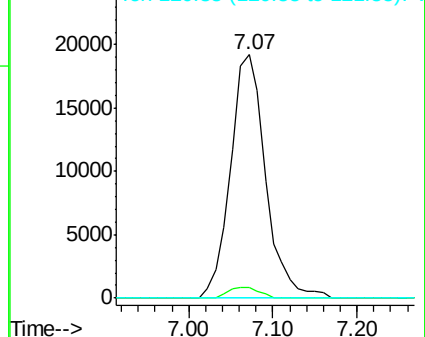
121 0.0 24.7 37.1#

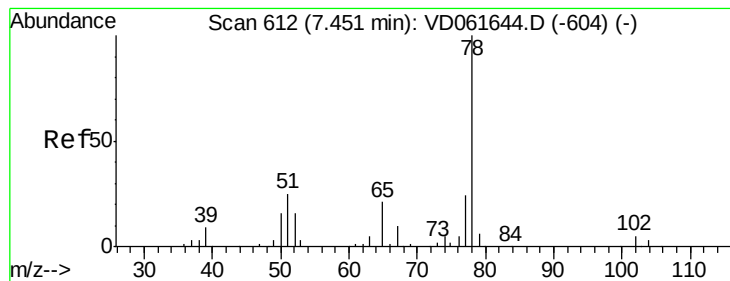


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#40

Benzene

Concen: 121.950 ug/l

RT: 7.48 min Scan# 616

Delta R.T. 0.03 min

Lab File: VD061715.D

Acq: 10 Apr 2019 16:14

Instrument :

MSVOA_D

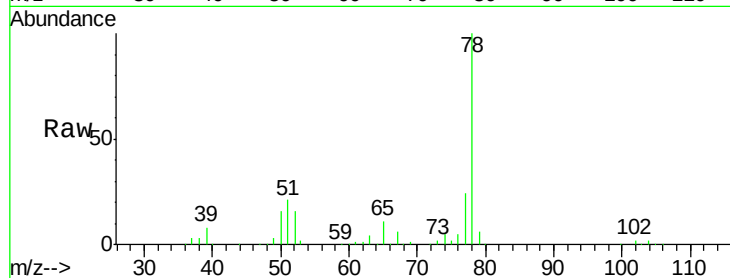
ClientSampleId :

Tot Ion: 78 Resp: 2252824

Ion Ratio Lower Upper

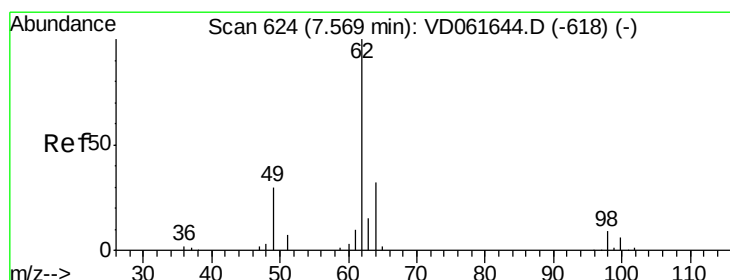
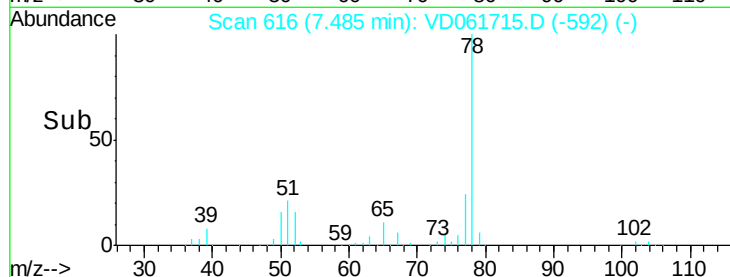
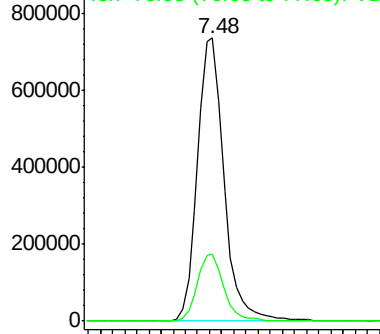
78 100

77 23.8 19.5 29.3



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC



#42

1,2-Dichloroethane

Concen: 2.836 ug/l

RT: 7.48 min Scan# 616

Delta R.T. -0.08 min

Lab File: VD061715.D

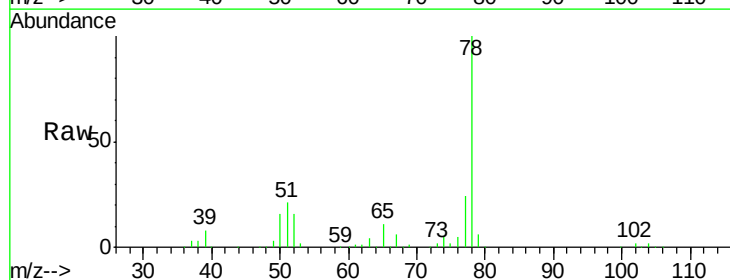
Acq: 10 Apr 2019 16:14

Tgt Ion: 62 Resp: 16478

Ion Ratio Lower Upper

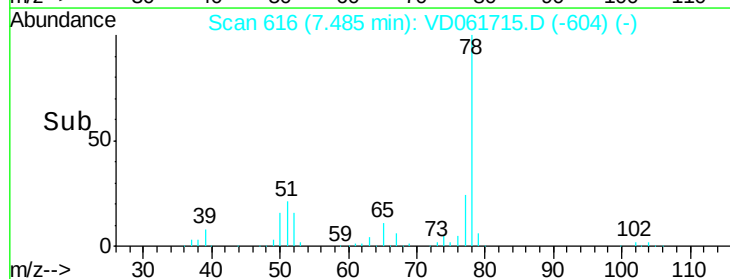
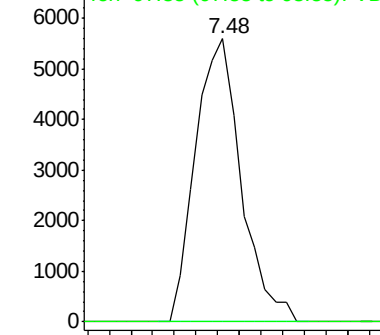
62 100

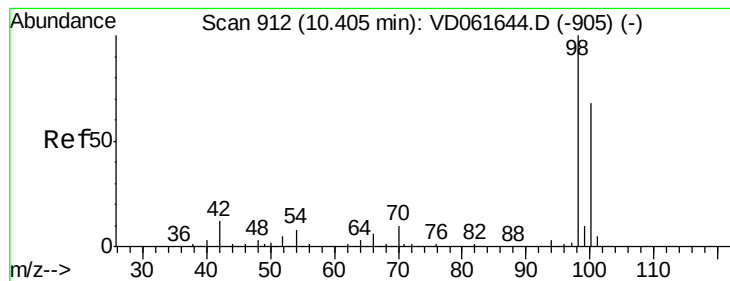
98 0.0 0.0 17.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.02 min

Lab File: VD061715.D

Acq: 10 Apr 2019 16:14

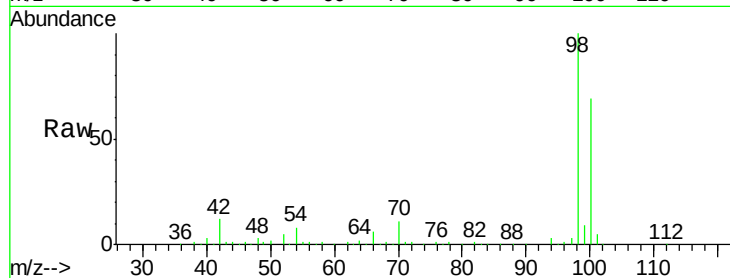
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 921129

Ion Ratio Lower Upper

98 100

100 69.0 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VD061644.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD061644.D (-905) (-)

10.43

400000

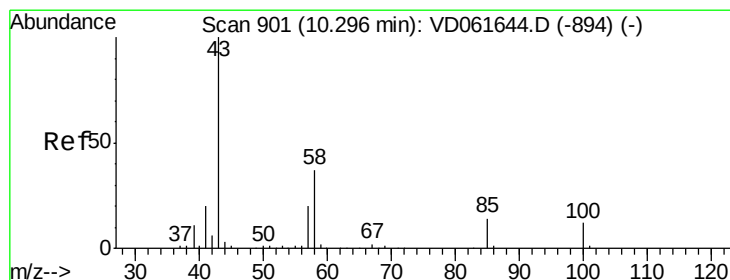
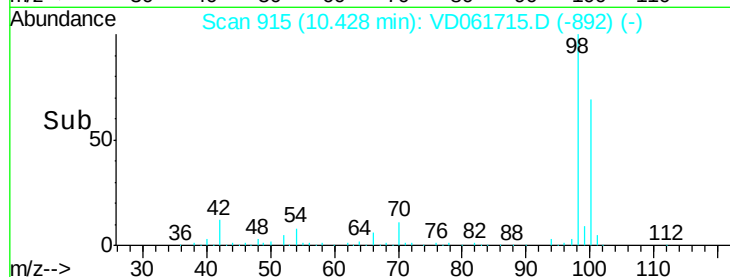
300000

200000

100000

0

Time--> 10.30 10.40 10.50 10.60



#51

4-Methyl-2-Pentanone

Concen: 5.120 ug/l

RT: 10.37 min Scan# 909

Delta R.T. 0.07 min

Lab File: VD061715.D

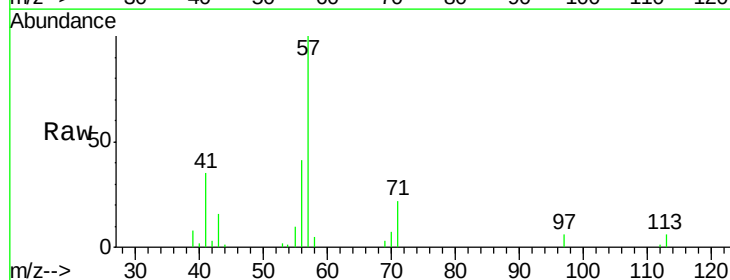
Acq: 10 Apr 2019 16:14

Tgt Ion: 43 Resp: 13705

Ion Ratio Lower Upper

43 100

58 27.5 29.8 44.8#



Abundance Ion 42.95 (42.65 to 43.65): VD061644.D (-894) (-)

Ion 57.95 (57.65 to 58.65): VD061644.D (-894) (-)

10.37

6000

5000

4000

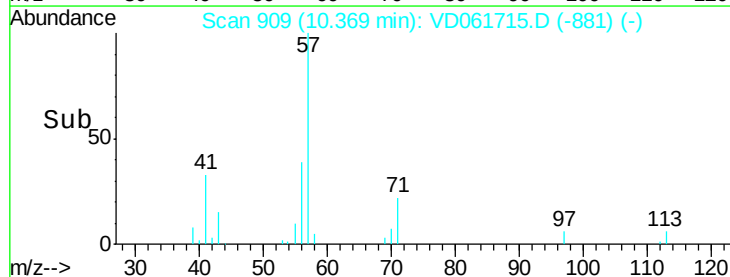
3000

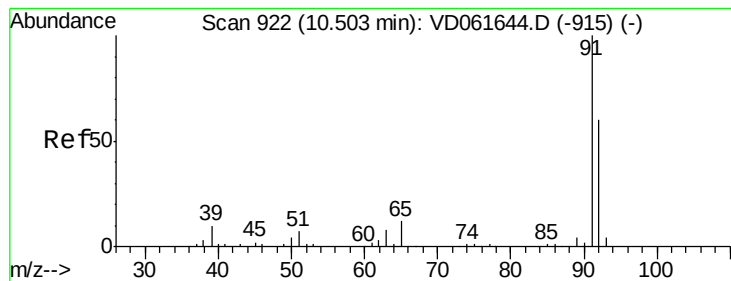
2000

1000

0

Time--> 10.25 10.30 10.35 10.40





#52

Toluene

Concen: 17.846 ug/l

RT: 10.53 min Scan# 925

Delta R.T. 0.02 min

Lab File: VD061715.D

Acq: 10 Apr 2019 16:14

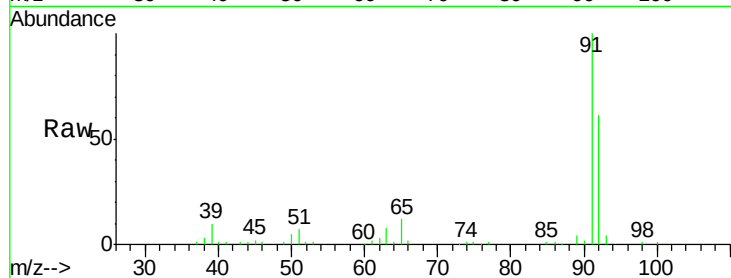
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 92 Resp: 205864

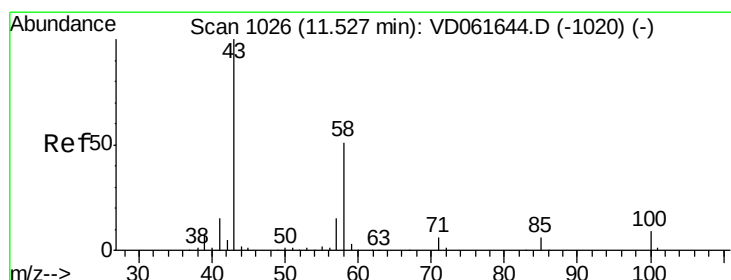
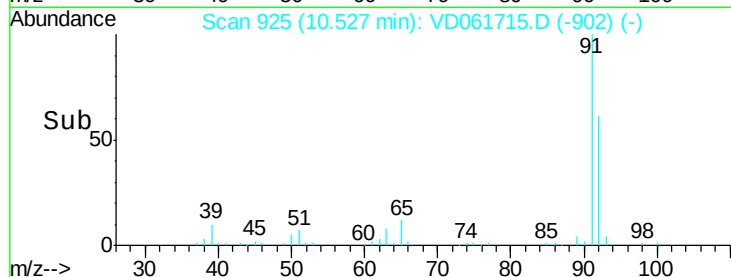
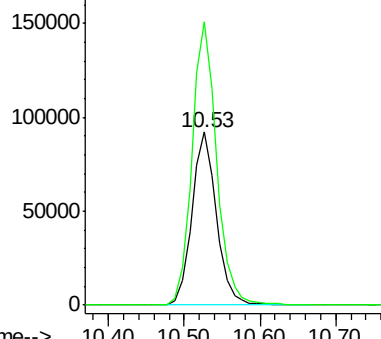
Ion Ratio Lower Upper

92 100

91 163.9 133.0 199.4



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC



#59

2-Hexanone

Concen: 1.920 ug/l

RT: 11.65 min Scan# 1039

Delta R.T. 0.12 min

Lab File: VD061715.D

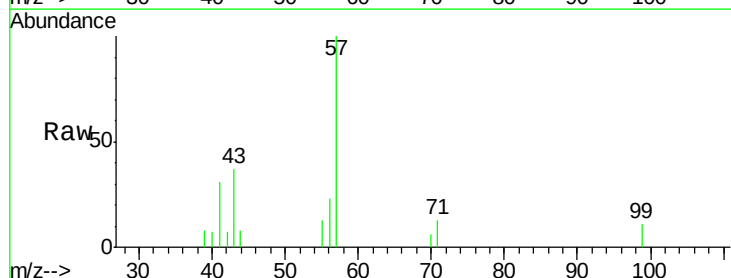
Acq: 10 Apr 2019 16:14

Tgt Ion: 43 Resp: 3988

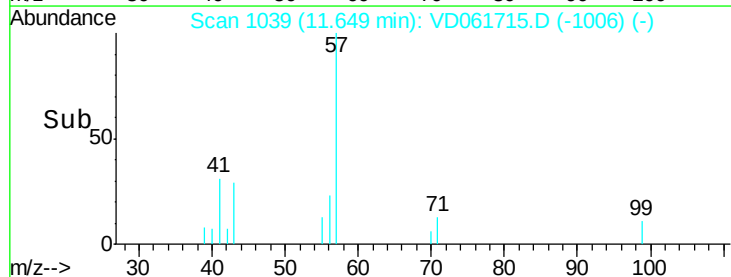
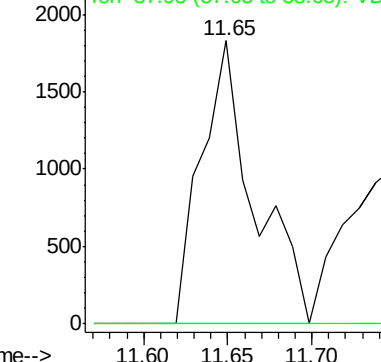
Ion Ratio Lower Upper

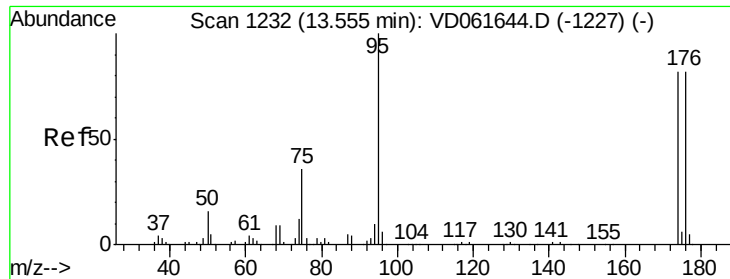
43 100

58 0.0 25.6 76.8#



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

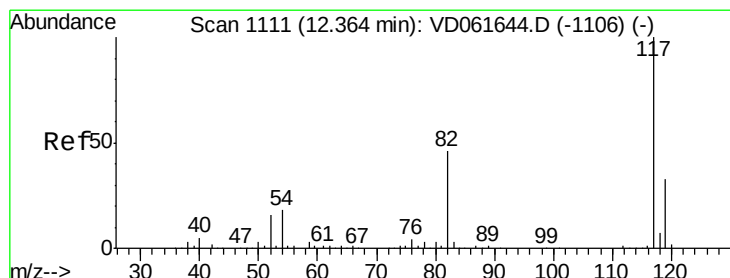
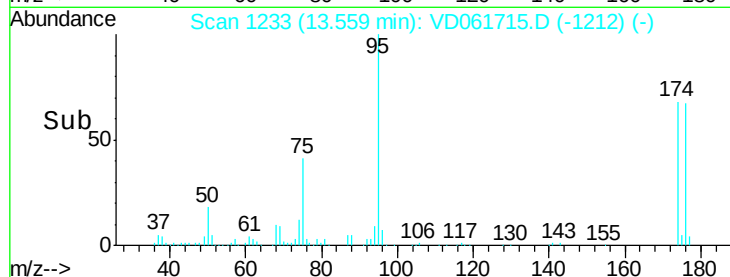
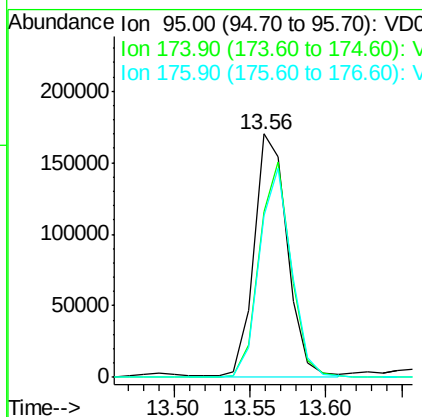
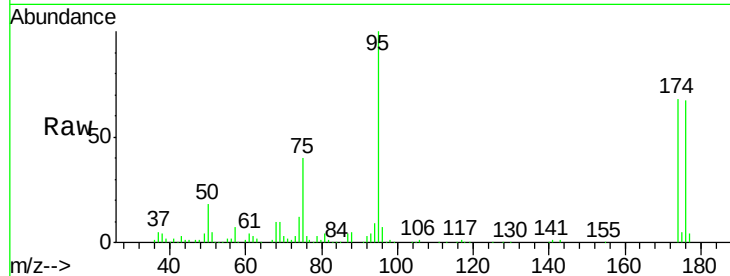




#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VD061715.D
 Acq: 10 Apr 2019 16:14

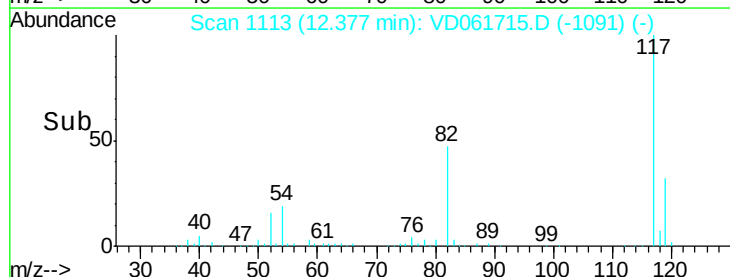
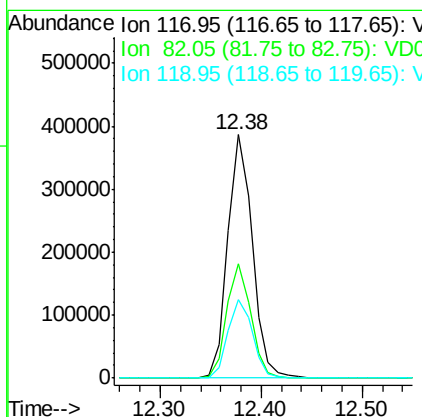
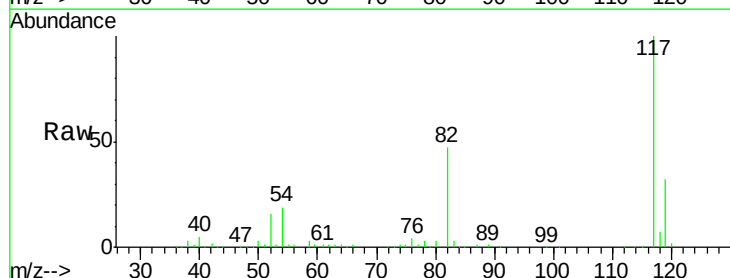
Instrument :
 MSVOA_D
 ClientSampleId :

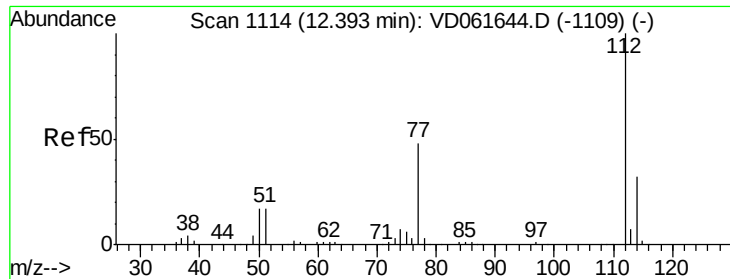
Tot Ion: 95 Resp: 260300
 Ion Ratio Lower Upper
 95 100
 174 68.2 0.0 164.6
 176 66.6 0.0 165.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.38 min Scan# 1113
 Delta R.T. 0.01 min
 Lab File: VD061715.D
 Acq: 10 Apr 2019 16:14

Tgt Ion: 117 Resp: 653483
 Ion Ratio Lower Upper
 117 100
 82 47.0 36.8 55.2
 119 32.0 26.1 39.1

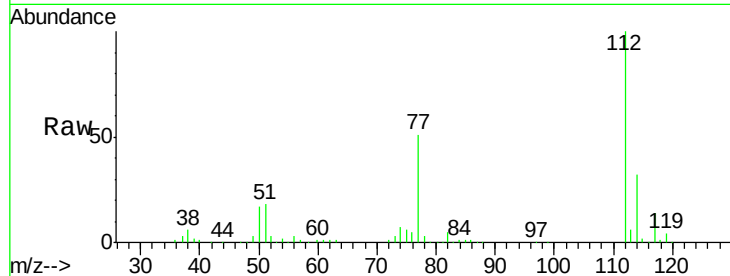




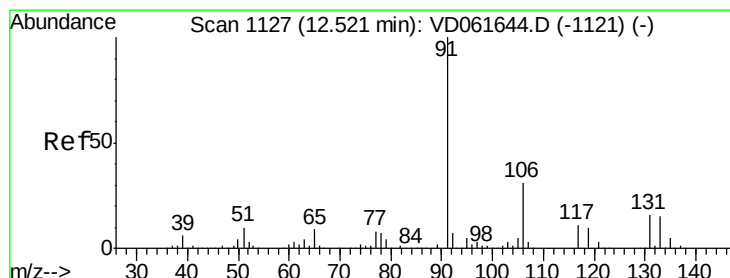
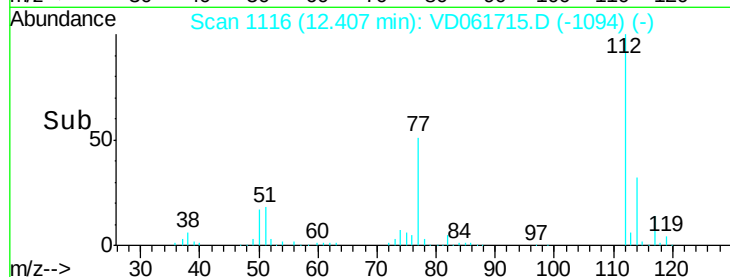
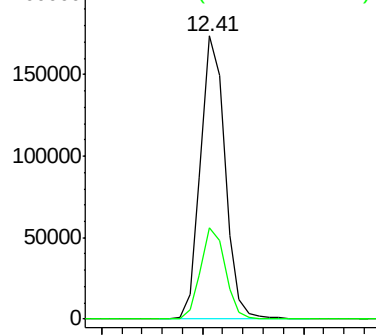
#65
Chlorobenzene
Concen: 22.686 ug/l
RT: 12.41 min Scan# 1116
Delta R.T. 0.01 min
Lab File: VD061715.D
Acq: 10 Apr 2019 16:14

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:112 Resp: 293995
Ion Ratio Lower Upper
112 100
114 32.5 25.6 38.4

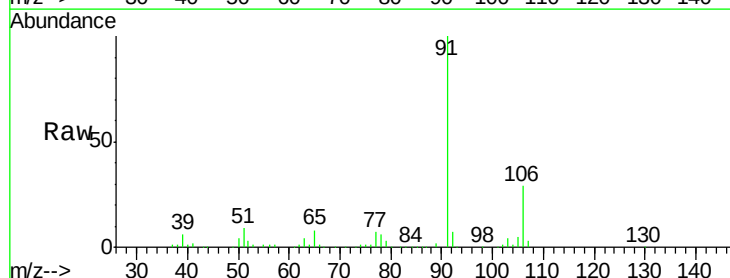


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 114.00 (113.70 to 114.70): V

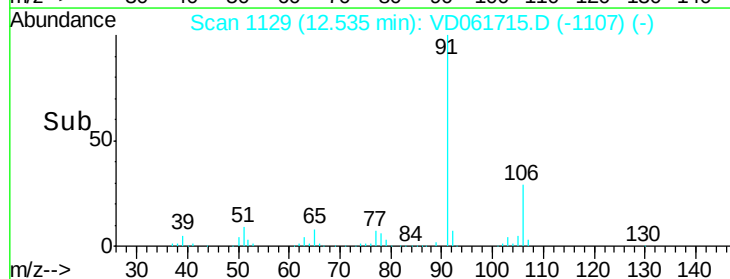
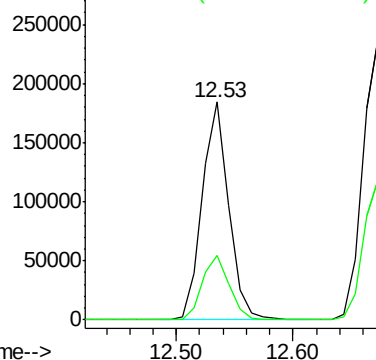


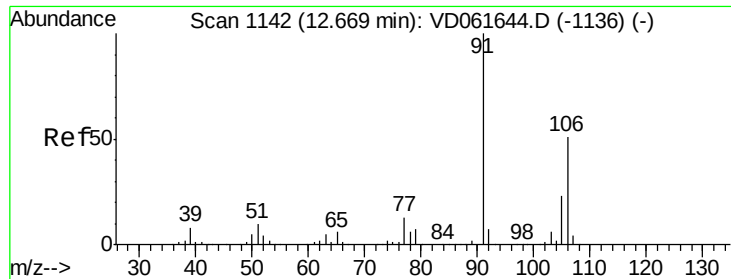
#67
Ethyl Benzene
Concen: 14.782 ug/l
RT: 12.53 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VD061715.D
Acq: 10 Apr 2019 16:14

Tgt Ion: 91 Resp: 291712
Ion Ratio Lower Upper
91 100
106 29.4 24.6 37.0



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

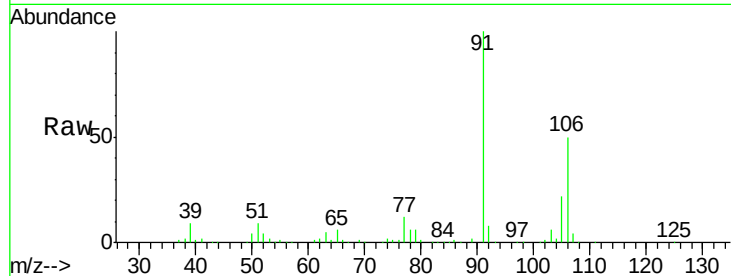




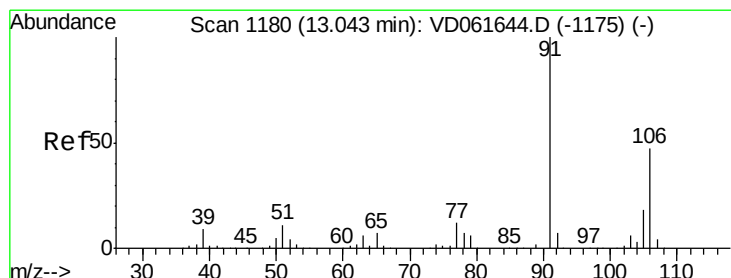
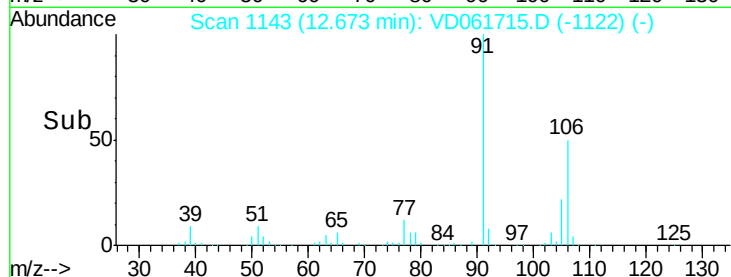
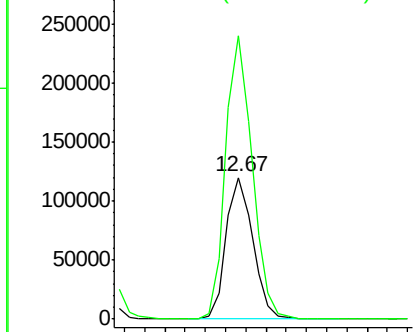
#68
m/p-Xylenes
Concen: 29.196 ug/l
RT: 12.67 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VD061715.D
Acq: 10 Apr 2019 16:14

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:106 Resp: 222124
Ion Ratio Lower Upper
106 100
91 199.7 156.7 235.1

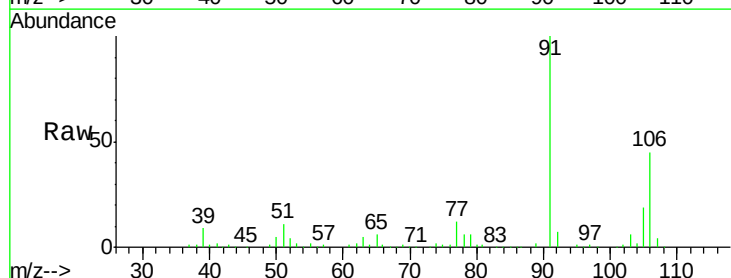


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

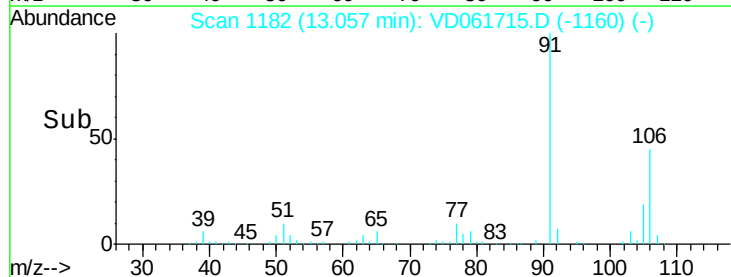
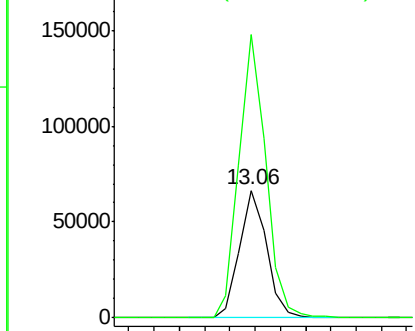


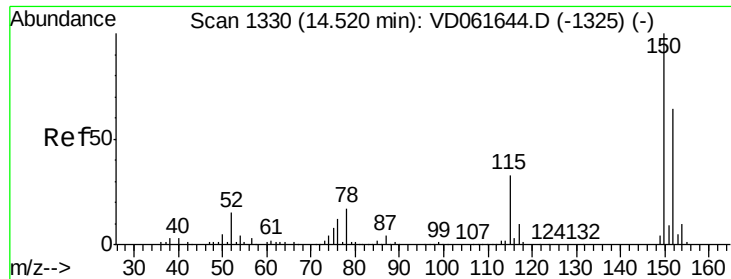
#69
o-Xylene
Concen: 13.524 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VD061715.D
Acq: 10 Apr 2019 16:14

Tgt Ion:106 Resp: 99322
Ion Ratio Lower Upper
106 100
91 221.7 107.3 321.9



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

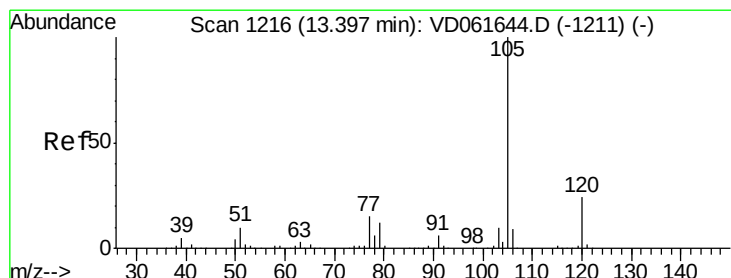
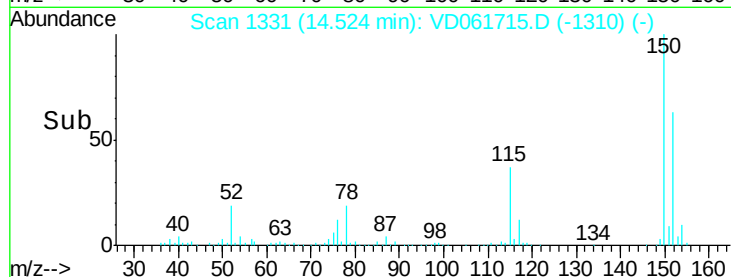
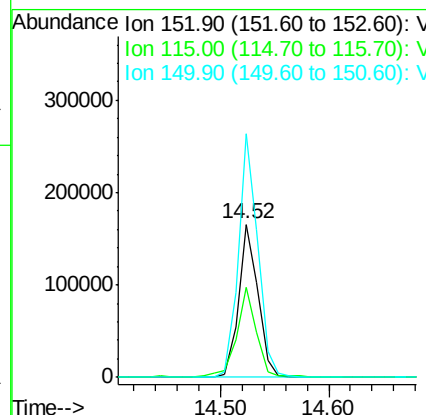
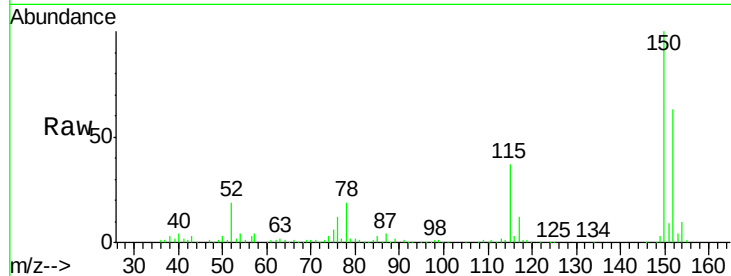




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: VD061715.D
 Acq: 10 Apr 2019 16:14

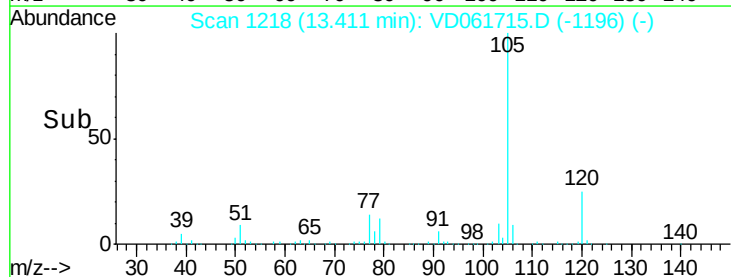
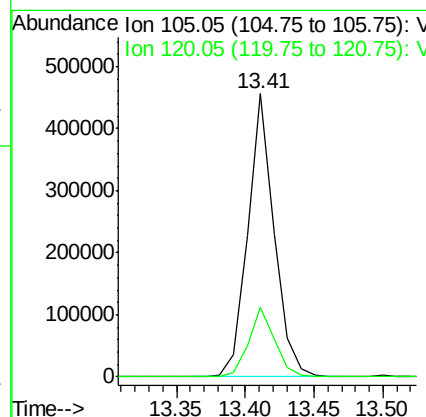
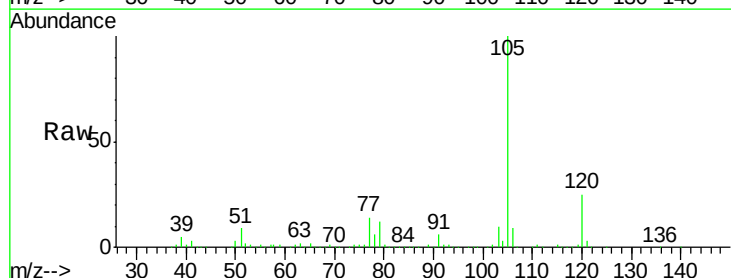
Instrument :
 MSVOA_D
 ClientSampleId :

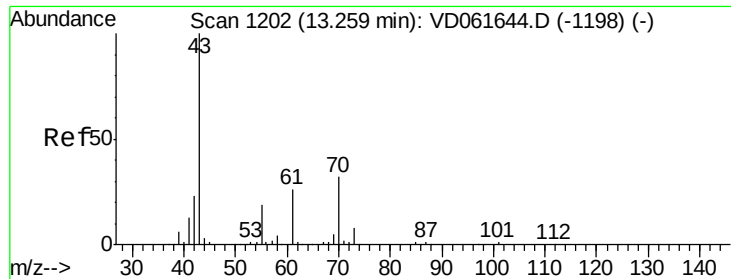
Tot Ion:152 Resp: 206773
 Ion Ratio Lower Upper
 152 100
 115 58.8 26.4 79.2
 150 159.1 0.0 320.6



#73
 Isopropylbenzene
 Concen: 44.185 ug/l
 RT: 13.41 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: VD061715.D
 Acq: 10 Apr 2019 16:14

Tgt Ion:105 Resp: 608751
 Ion Ratio Lower Upper
 105 100
 120 24.7 12.2 36.4





#74

N-amyl acetate

Concen: 3.426 ug/l

RT: 13.22 min Scan# 1199

Delta R.T. -0.04 min

Lab File: VD061715.D

Acq: 10 Apr 2019 16:14

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 43 Resp: 12824

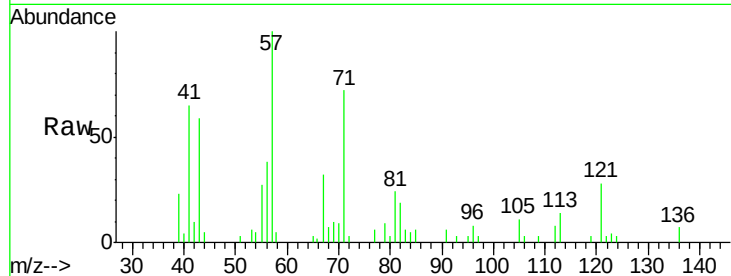
Ion Ratio Lower Upper

43 100

70 14.8 25.4 38.2#

55 45.0 15.0 22.4#

61 0.0 20.9 31.3#

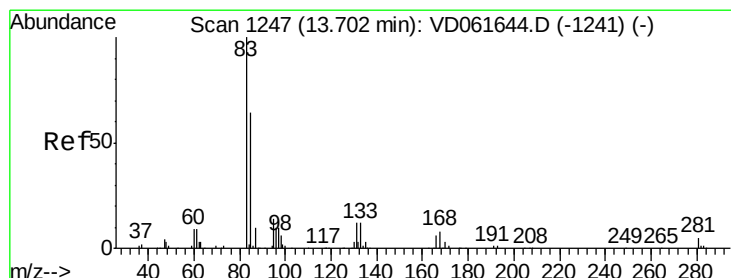
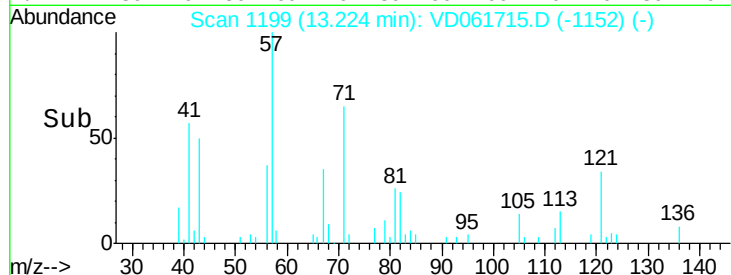
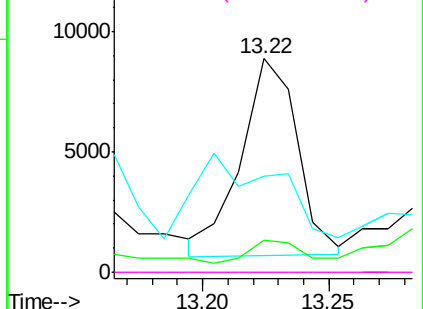


Abundance Ion 42.95 (42.65 to 43.65): VDC

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: 1.341 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. 0.02 min

Lab File: VD061715.D

Acq: 10 Apr 2019 16:14

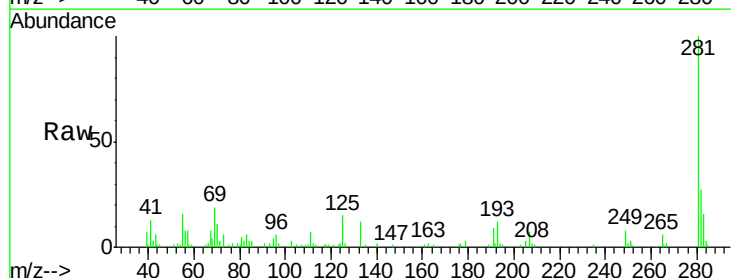
Tgt Ion: 83 Resp: 3821

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.6#

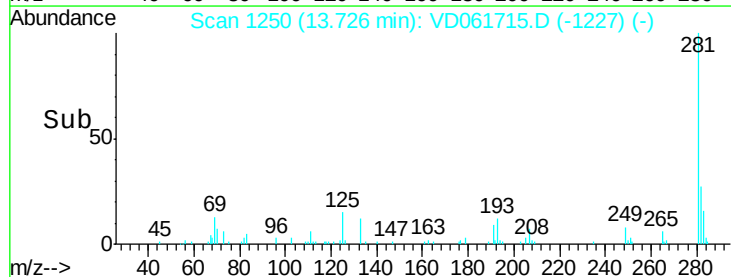
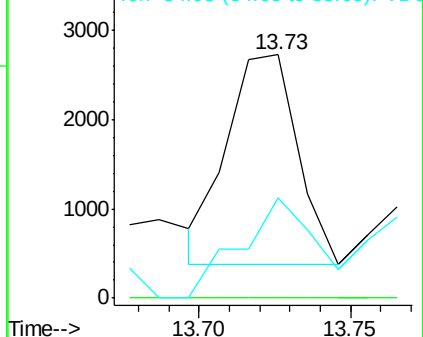
85 41.0 32.0 96.2

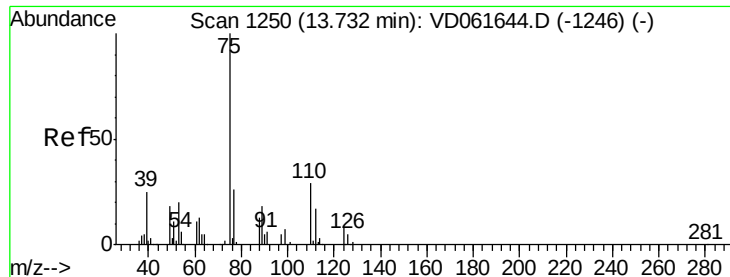


Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC





#76

1,2,3-Trichloropropane

Concen: 2.011 ug/l

RT: 13.84 min Scan# 1262

Delta R.T. 0.11 min

Lab File: VD061715.D

Acq: 10 Apr 2019 16:14

Instrument :

MSVOA_D

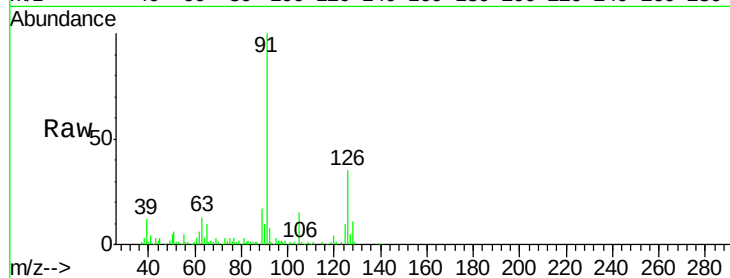
ClientSampled :

Tot Ion: 75 Resp: 5656

Ion Ratio Lower Upper

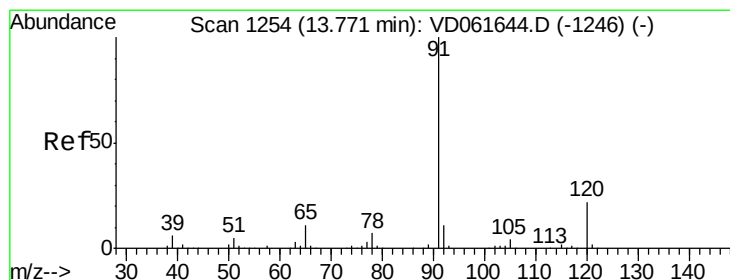
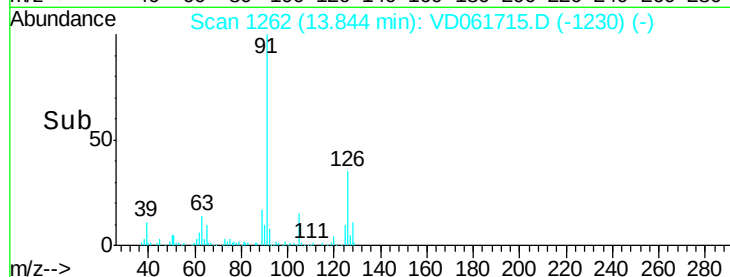
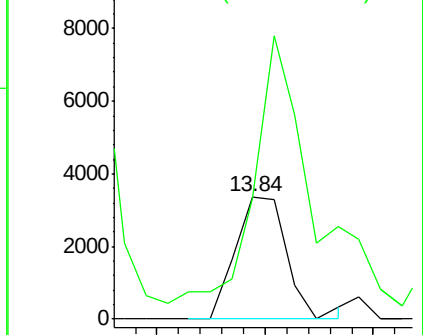
75 100

77 98.9 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: 2.647 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VD061715.D

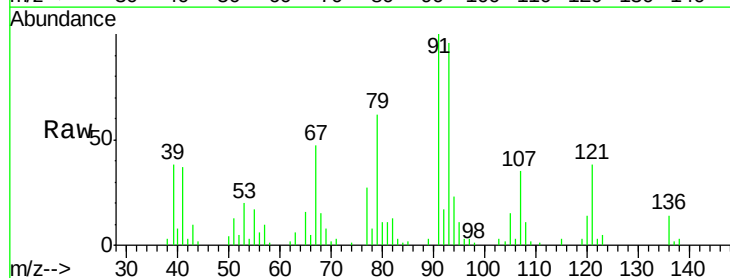
Acq: 10 Apr 2019 16:14

Tgt Ion: 91 Resp: 43624

Ion Ratio Lower Upper

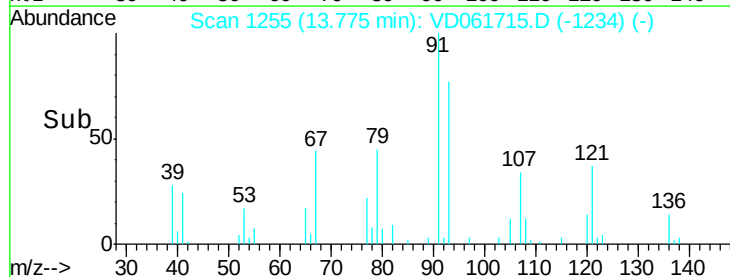
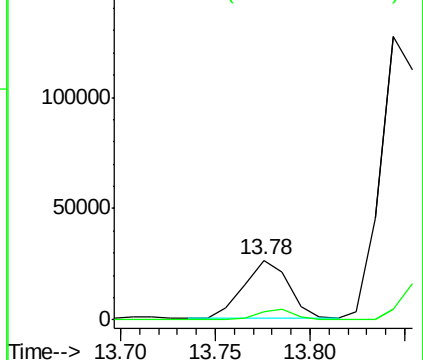
91 100

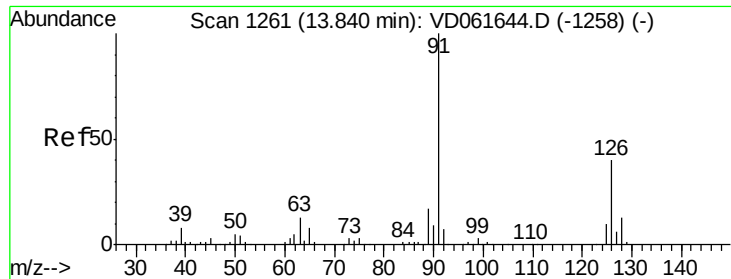
120 14.0 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): VDC

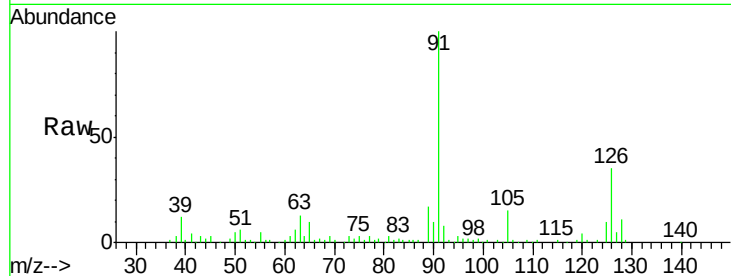




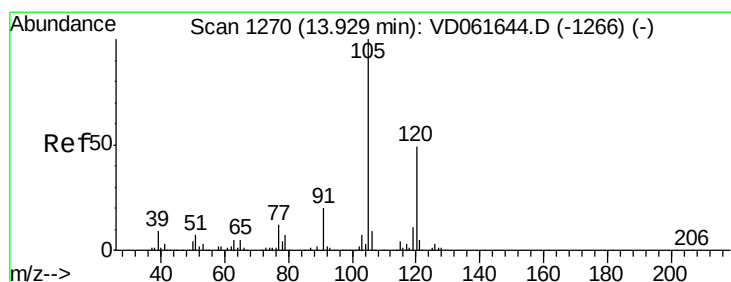
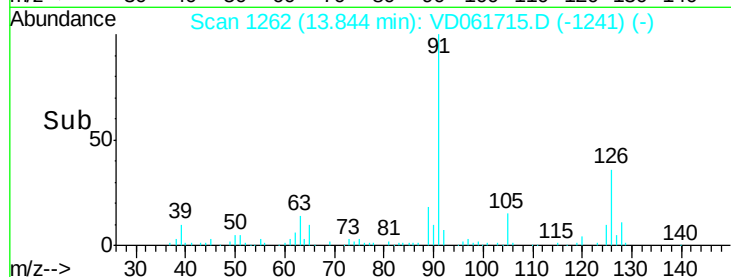
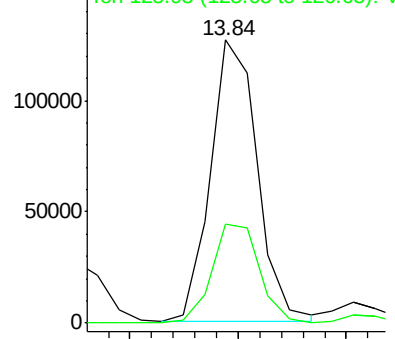
#79
2-Chlorotoluene
Concen: 20.327 ug/l
RT: 13.84 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VD061715.D
Acq: 10 Apr 2019 16:14

Instrument :
MSVOA_D
ClientSampleID :

Tot Ion: 91 Resp: 191569
Ion Ratio Lower Upper
91 100
126 34.9 20.0 59.9

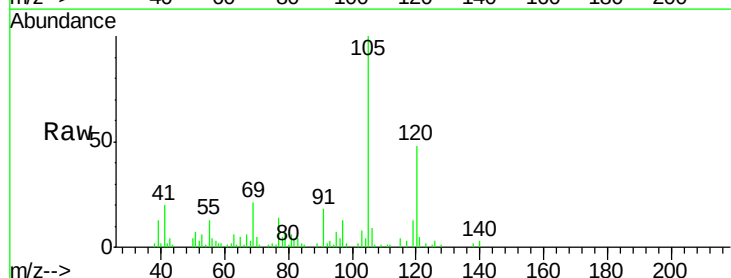


Abundance Ion 91.00 (90.70 to 91.70): V
Ion 125.95 (125.65 to 126.65): V

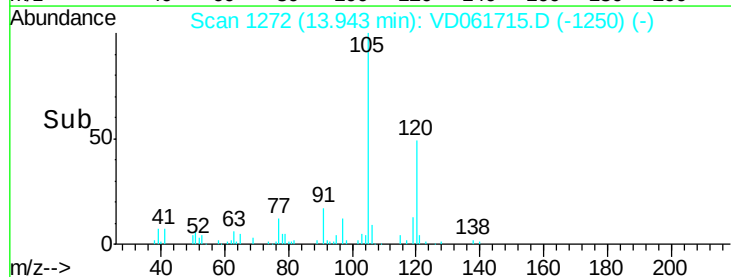
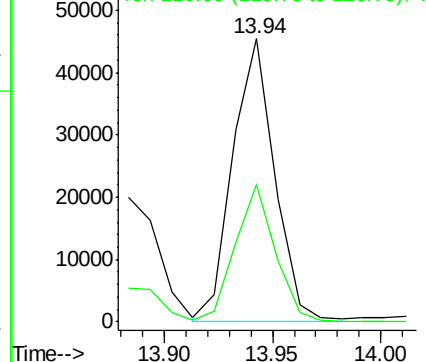


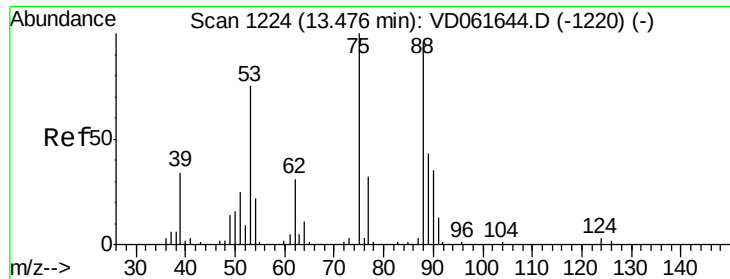
#80
1,3,5-Trimethylbenzene
Concen: 5.627 ug/l
RT: 13.94 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VD061715.D
Acq: 10 Apr 2019 16:14

Tgt Ion:105 Resp: 61530
Ion Ratio Lower Upper
105 100
120 48.3 24.4 73.2



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.05 (119.75 to 120.75): V

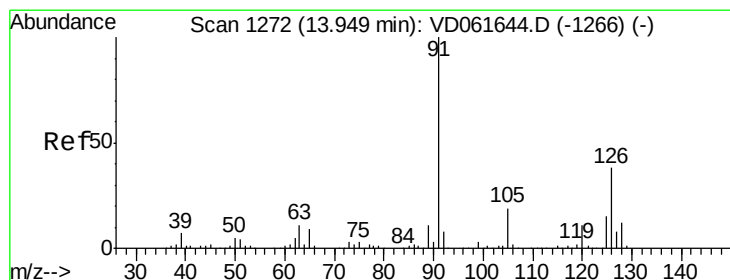
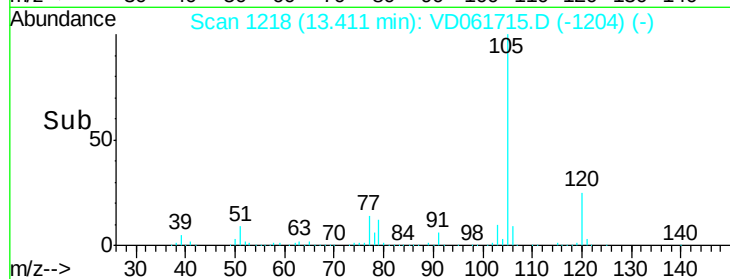
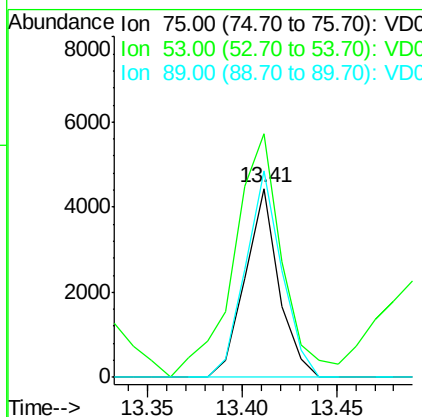
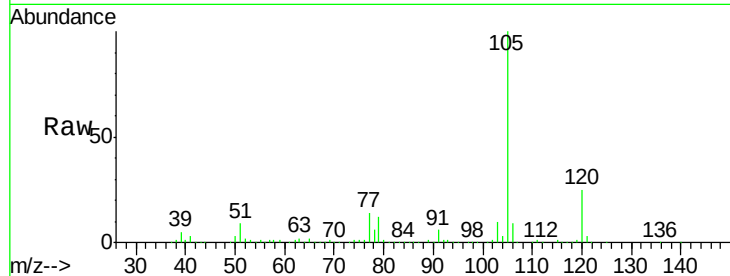




#81
trans-1,4-Dichloro-2-butene
Concen: 6.403 ug/l
RT: 13.41 min Scan# 1218
Delta R.T. -0.06 min
Lab File: VD061715.D
Acq: 10 Apr 2019 16:14

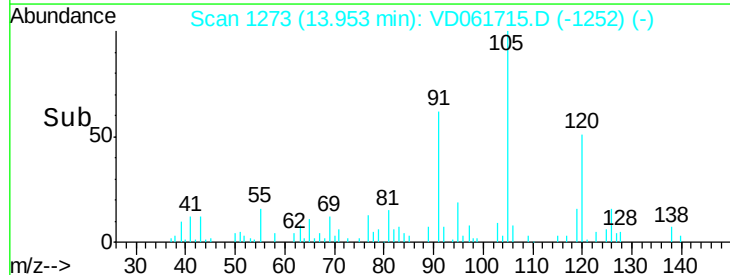
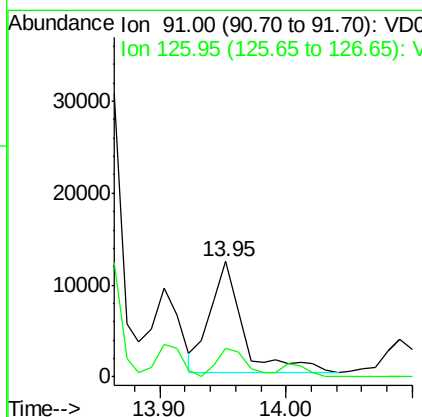
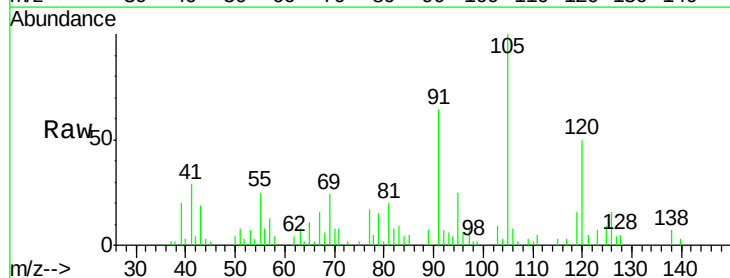
Instrument :
MSVOA_D
ClientSampleId :

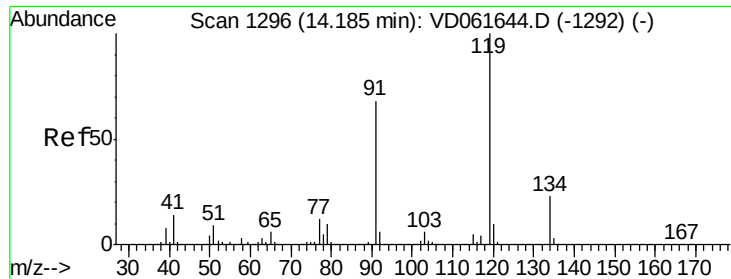
Tot Ion: 75 Resp: 5466
Ion Ratio Lower Upper
75 100
53 129.1 60.2 90.2#
89 109.3 34.2 51.2#



#82
4-Chlorotoluene
Concen: 2.162 ug/l
RT: 13.95 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VD061715.D
Acq: 10 Apr 2019 16:14

Tgt Ion: 91 Resp: 22325
Ion Ratio Lower Upper
91 100
126 25.1 19.0 57.0

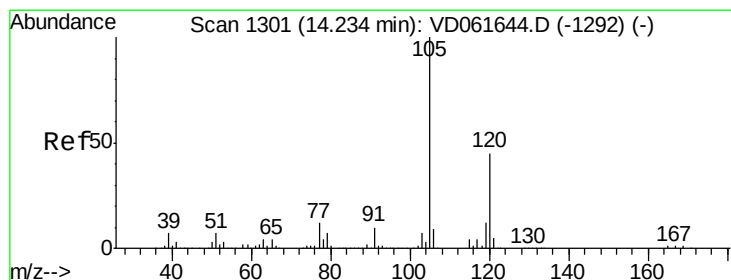
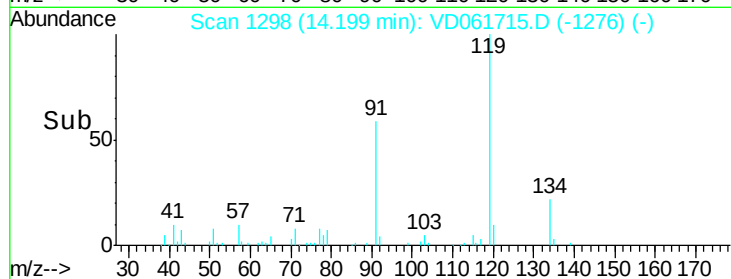
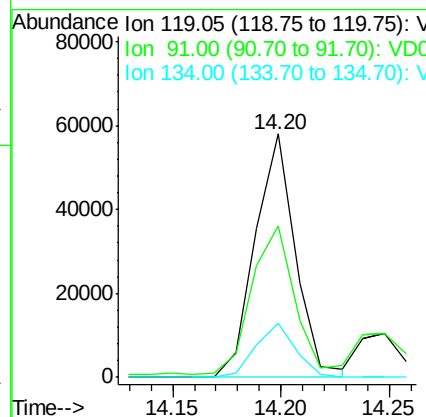
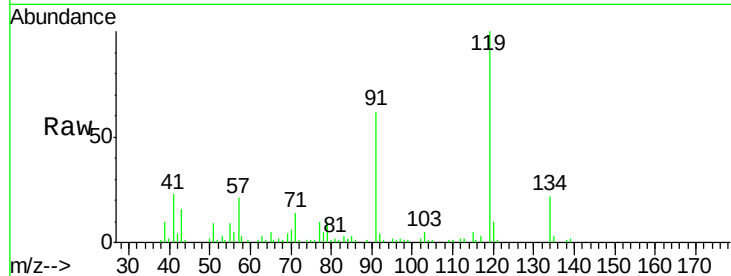




#83
 tert-Butylbenzene
 Concen: 5.666 ug/l
 RT: 14.20 min Scan# 1298
 Delta R.T. 0.01 min
 Lab File: VD061715.D
 Acq: 10 Apr 2019 16:14

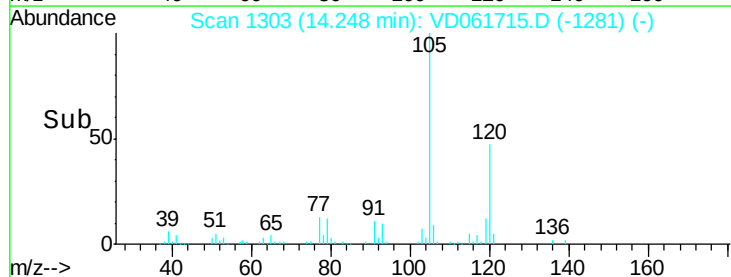
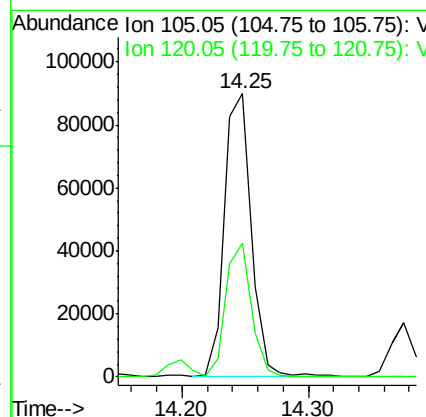
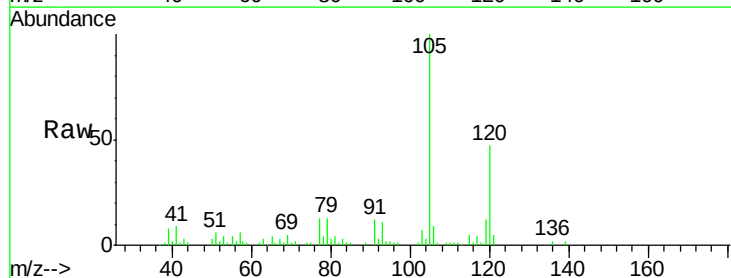
Instrument :
 MSVOA_D
 ClientSampleId :

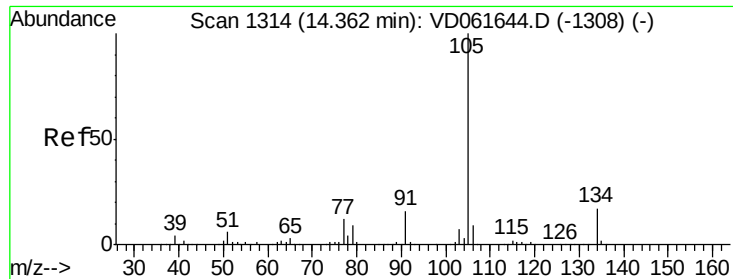
Tot Ion:119 Resp: 74705
 Ion Ratio Lower Upper
 119 100
 91 62.0 33.9 101.6
 134 22.5 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 12.047 ug/l
 RT: 14.25 min Scan# 1303
 Delta R.T. 0.01 min
 Lab File: VD061715.D
 Acq: 10 Apr 2019 16:14

Tgt Ion:105 Resp: 132954
 Ion Ratio Lower Upper
 105 100
 120 47.2 22.6 67.8

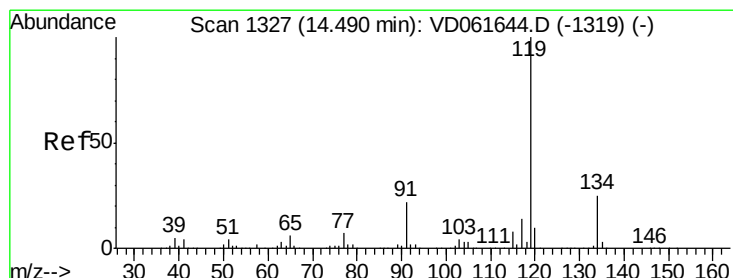
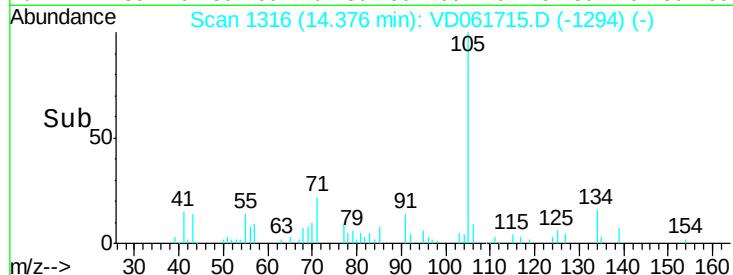
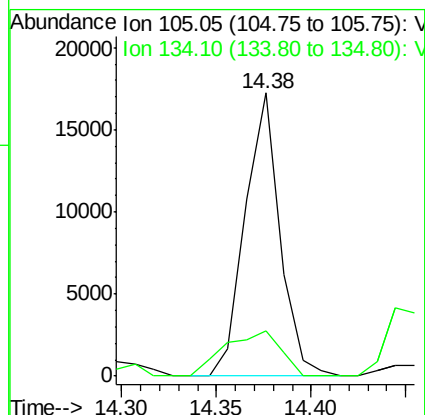
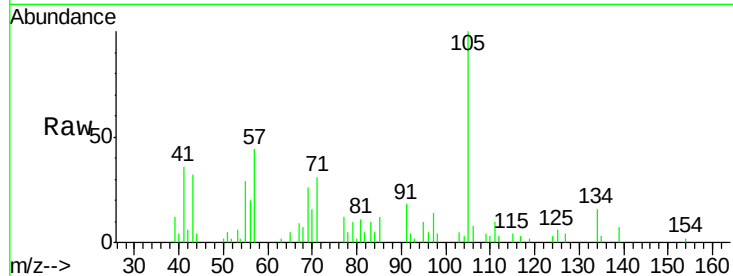




#85
 sec-Butylbenzene
 Concen: 1.539 ug/l
 RT: 14.38 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VD061715.D
 Acq: 10 Apr 2019 16:14

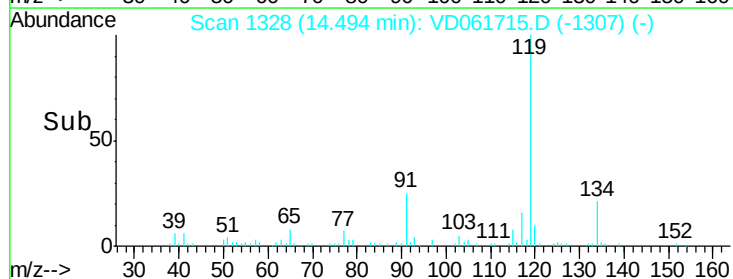
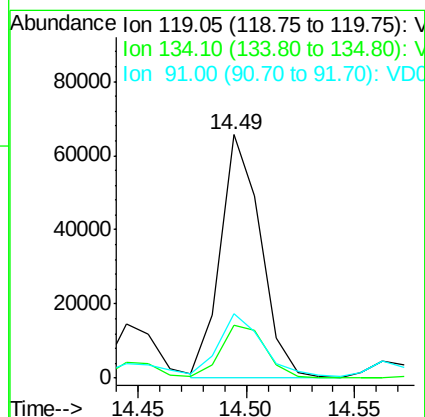
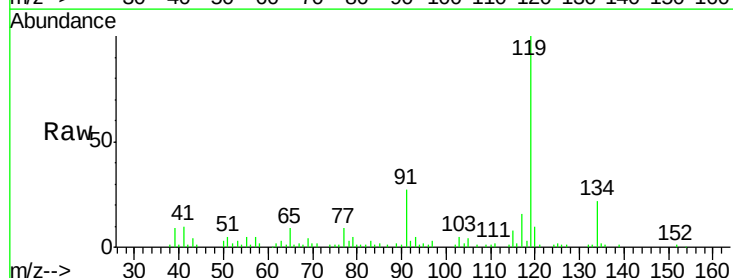
Instrument :
 MSVOA_D
 ClientSampleId :

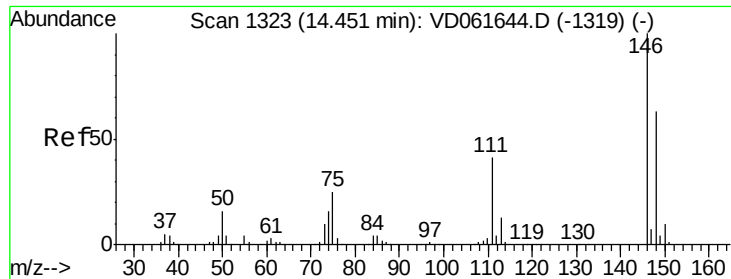
Tot Ion:105 Resp: 21920
 Ion Ratio Lower Upper
 105 100
 134 16.0 8.6 25.7



#86
 p-Isopropyltoluene
 Concen: 6.905 ug/l
 RT: 14.49 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: VD061715.D
 Acq: 10 Apr 2019 16:14

Tgt Ion:119 Resp: 85327
 Ion Ratio Lower Upper
 119 100
 134 21.5 12.5 37.5
 91 26.5 11.0 33.0

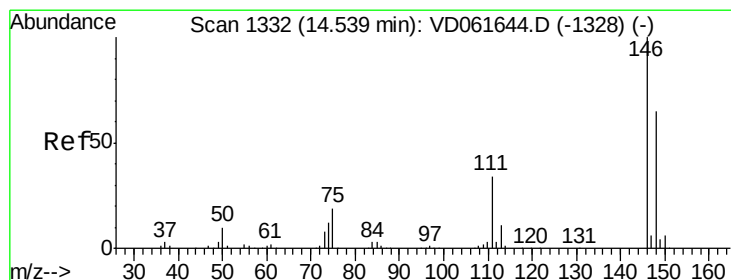
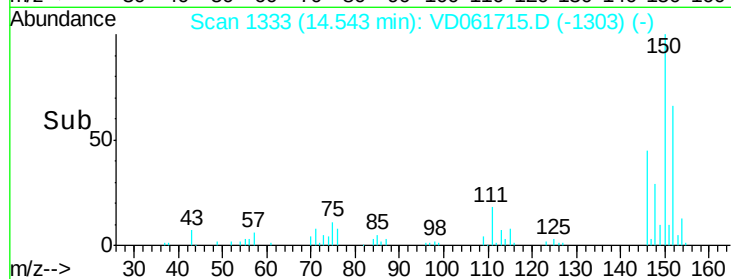
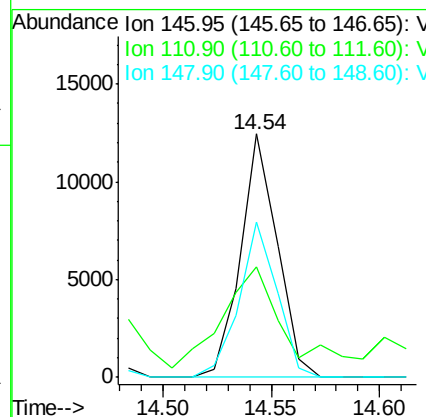
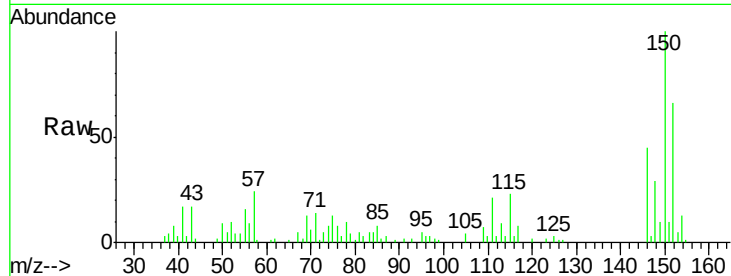




#87
 1,3-Dichlorobenzene
 Concen: 2.142 ug/l
 RT: 14.54 min Scan# 1333
 Delta R.T. 0.09 min
 Lab File: VD061715.D
 Acq: 10 Apr 2019 16:14

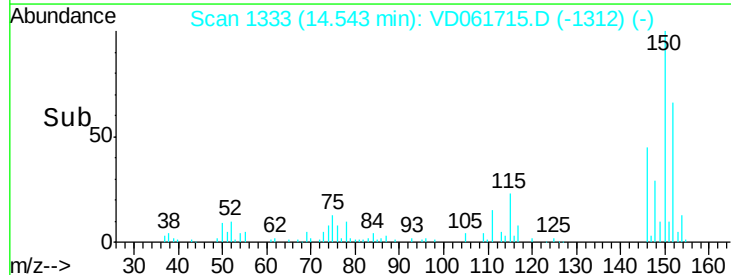
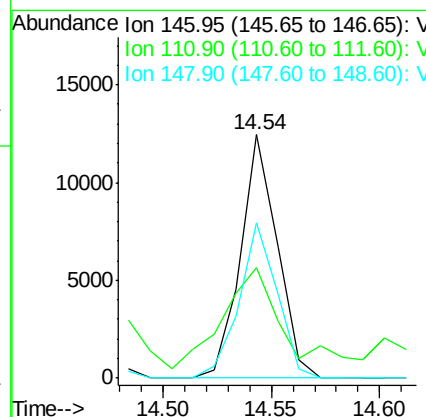
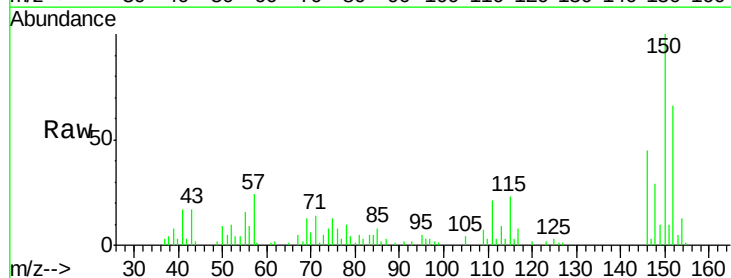
Instrument :
 MSVOA_D
 ClientSampleId :

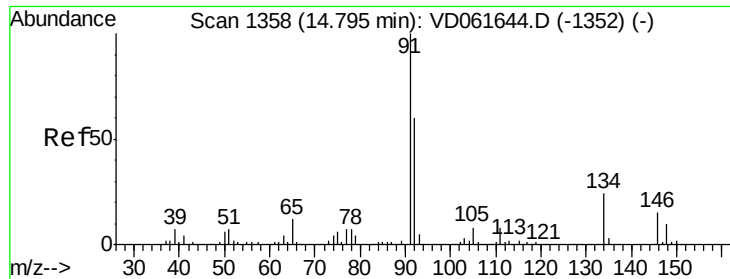
Tot Ion:146 Resp: 14740
 Ion Ratio Lower Upper
 146 100
 111 45.4 20.3 61.0
 148 63.6 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 2.123 ug/l
 RT: 14.54 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: VD061715.D
 Acq: 10 Apr 2019 16:14

Tgt Ion:146 Resp: 14740
 Ion Ratio Lower Upper
 146 100
 111 45.4 17.1 51.2
 148 63.6 32.6 97.7

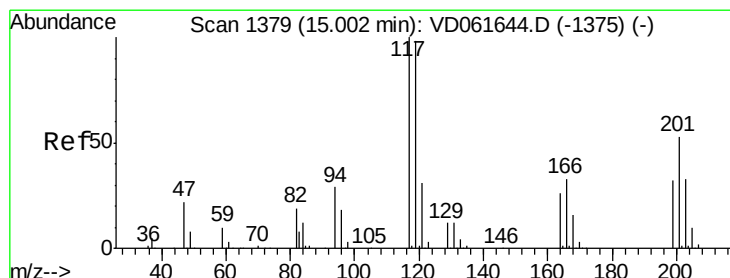
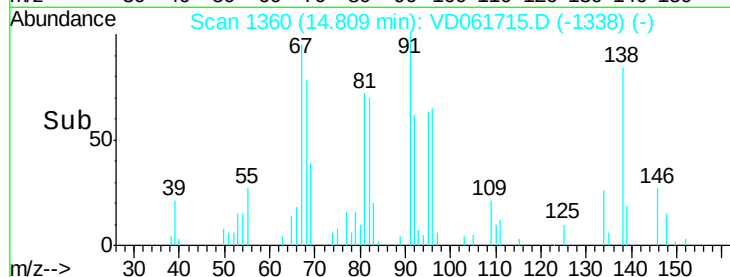
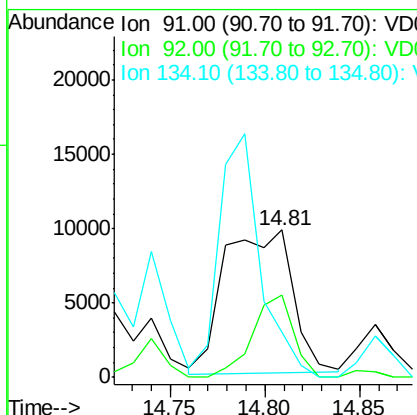
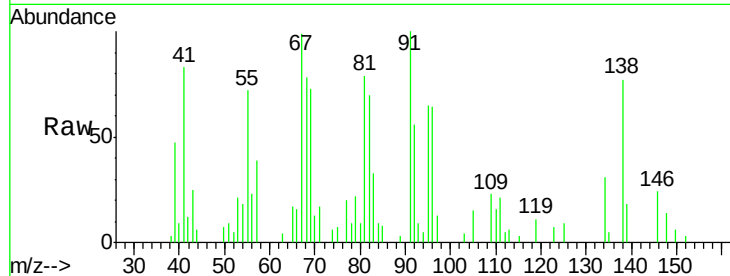




#89
n-Butylbenzene
Concen: 2.252 ug/l
RT: 14.81 min Scan# 1360
Delta R.T. 0.01 min
Lab File: VD061715.D
Acq: 10 Apr 2019 16:14

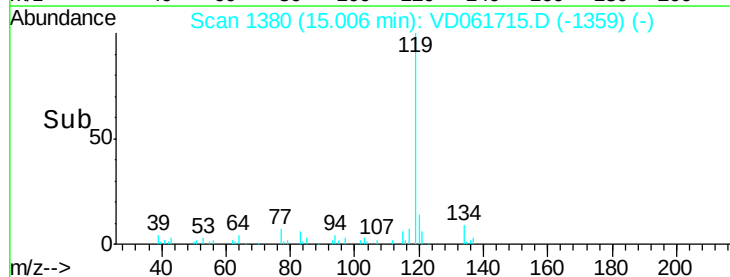
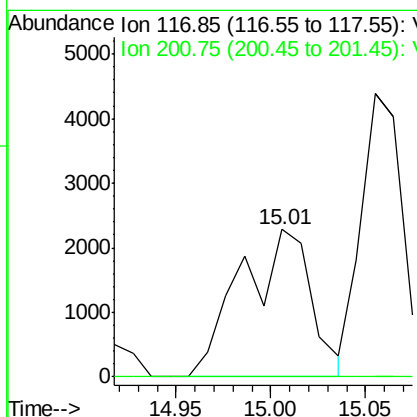
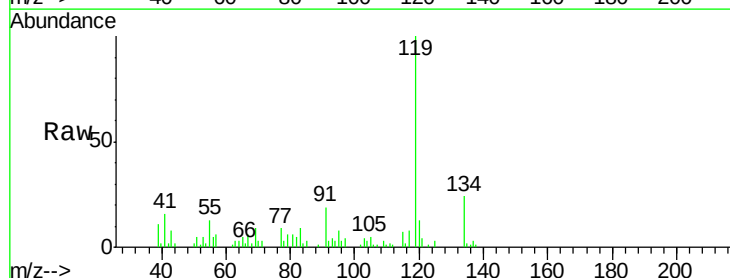
Instrument :
MSVOA_D
ClientSampled :

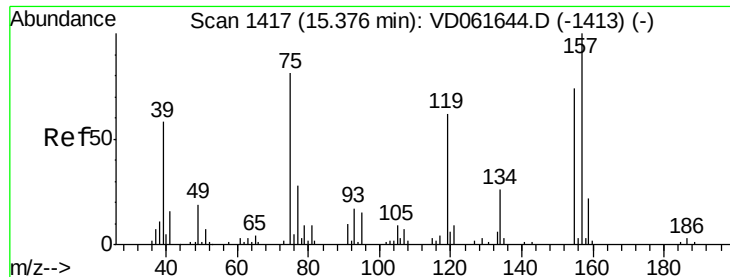
Tot Ion: 91 Resp: 24185
Ion Ratio Lower Upper
91 100
92 56.1 29.8 89.4
134 31.1 12.2 36.4



#90
Hexachloroethane
Concen: 1.744 ug/l
RT: 15.01 min Scan# 1380
Delta R.T. 0.00 min
Lab File: VD061715.D
Acq: 10 Apr 2019 16:14

Tgt Ion: 117 Resp: 5848
Ion Ratio Lower Upper
117 100
201 0.0 26.3 78.8#

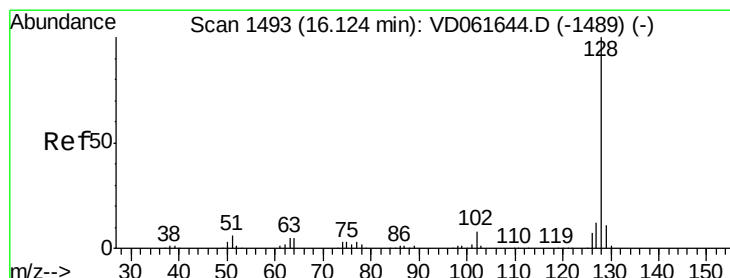
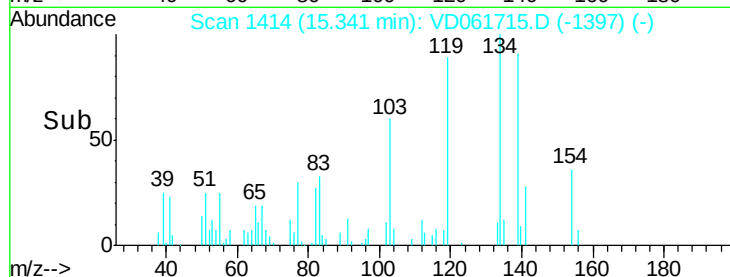
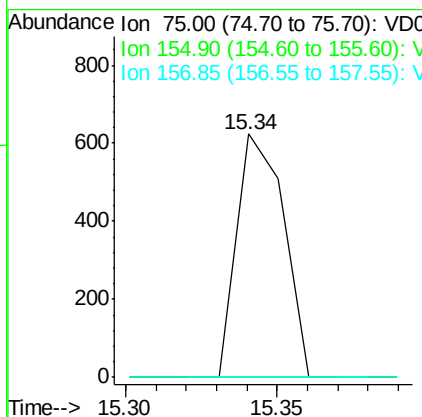
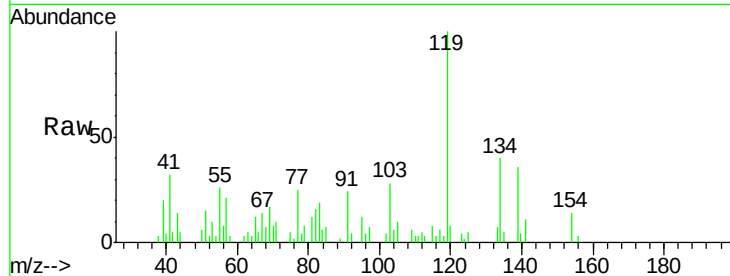




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.949 ug/l
 RT: 15.34 min Scan# 1414
 Delta R.T. -0.03 min
 Lab File: VD061715.D
 Acq: 10 Apr 2019 16:14

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 75 Resp: 670
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.6 136.7#
 157 0.0 61.4 184.2#



#95
 Naphthalene
 Concen: 7.684 ug/l
 RT: 16.13 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: VD061715.D
 Acq: 10 Apr 2019 16:14

Tgt Ion: 128 Resp: 35136
 Ion Ratio Lower Upper
 128 100
 127 14.1 9.4 14.2
 129 13.0 8.8 13.2

