

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062118\
 Data File : VD058266.D
 Acq On : 21 Jun 2018 21:43
 Operator : VA/AP
 Sample : J3603-19RE
 Misc : 4.19g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 26KV-TP-7RE

Quant Time: Jun 22 06:17:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.54	168	506484	50.00	ug/l	-0.10
34) 1,4-Difluorobenzene	6.66	114	552160	50.00	ug/l	-0.03
63) Chlorobenzene-d5	10.70	117	260032	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	30433	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	48024	9.39	ug/l	0.01
Spiked Amount	50.000		Recovery	=	18.78%	
35) Dibromofluoromethane	5.59	113	55799	12.42	ug/l	0.04
Spiked Amount	50.000		Recovery	=	24.84%	
50) Toluene-d8	8.70	98	434788	39.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.98%	
62) 4-Bromofluorobenzene	11.84	95	9941	2.24	ug/l	-0.09
Spiked Amount	50.000		Recovery	=	4.48%	

Target Compounds

					Qvalue	
3) Chloromethane	1.44	50	35334	12.739	ug/l	97
5) Bromomethane	1.75	94	13230	12.816	ug/l	100
6) Chloroethane	1.93	64	197	1.577	ug/l #	41
11) Tert butyl alcohol	3.20	59	267	1.582	ug/l #	78
13) Acrolein	2.49	56	1184	12.292	ug/l	88
16) Acetone	2.58	43	3558	5.086	ug/l #	62
18) Methyl Acetate	2.89	43	2491	1.669	ug/l #	88
20) Methylene Chloride	3.00	84	210	Below Cal	#	63
25) 2-Butanone	4.73	43	3882	2.546	ug/l #	1
29) Tetrahydrofuran	5.11	42	1675	2.064	ug/l #	51
31) Cyclohexane	5.53	56	4376	Below Cal	#	61
39) Methylcyclohexane	7.15	83	78569	14.768	ug/l #	87
40) Benzene	5.90	78	34521	2.653	ug/l #	89
43) Isopropyl Acetate	7.55	43	15405	3.713	ug/l #	48
49) 1,4-Dioxane	7.37	88	272	11.949	ug/l #	1
52) Toluene	8.80	92	135030	18.225	ug/l	97
56) Ethyl methacrylate	9.33	69	4156	1.326	ug/l #	1
59) 2-Hexanone	9.71	43	23053	11.788	ug/l #	39
67) Ethyl Benzene	10.86	91	34413	4.007	ug/l	98
68) m/p-Xylenes	11.01	106	103371	36.098	ug/l	94
69) o-Xylene	11.41	106	11036	4.035	ug/l	88
73) Isopropylbenzene	11.77	105	16828	9.244	ug/l	88
74) N-amyl acetate	11.59	43	14220	20.203	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.09	83	8202	19.362	ug/l #	45
78) n-propylbenzene	12.16	91	15422	6.560	ug/l	99
79) 2-Chlorotoluene	12.25	91	4206	3.127	ug/l #	45
80) 1,3,5-Trimethylbenzene	12.32	105	27549	19.403	ug/l	88
81) trans-1,4-Dichloro-2-buten	11.93	75	17741	163.709	ug/l #	11
82) 4-Chlorotoluene	12.32	91	6264	Below Cal	#	45
83) tert-Butylbenzene	12.63	119	3916	2.399	ug/l #	58
84) 1,2,4-Trimethylbenzene	12.63	105	20652	13.381	ug/l	87
85) sec-Butylbenzene	12.77	105	3405	1.780	ug/l #	71
86) p-Isopropyltoluene	12.89	119	8048	5.191	ug/l	84
89) n-Butylbenzene	13.20	91	7195	4.415	ug/l #	63

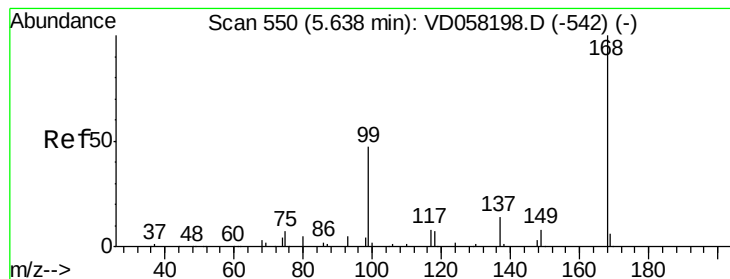
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062118\
Data File : VD058266.D
Acq On : 21 Jun 2018 21:43
Operator : VA/AP
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QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.10 min

Lab File: VD058266.D

Acq: 21 Jun 2018 21:43

Instrument :

MSVOA_D

ClientSampleId :

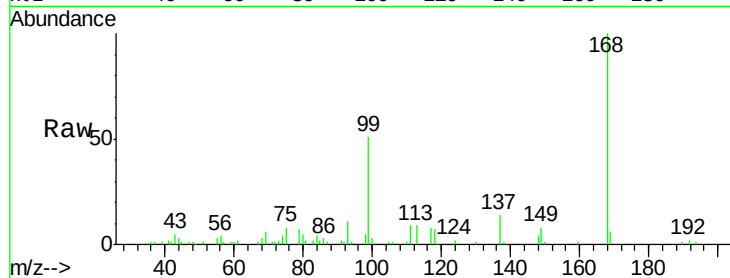
26KV-TP-7RE

Tot Ion:168 Resp: 506484

Ion Ratio Lower Upper

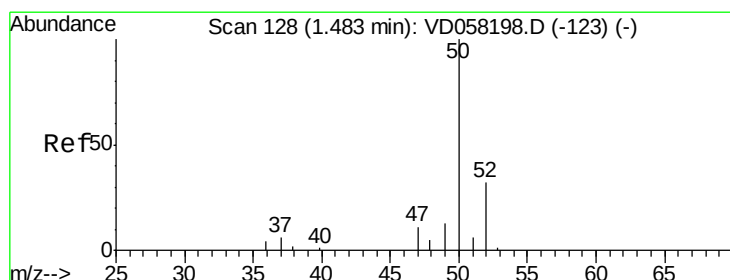
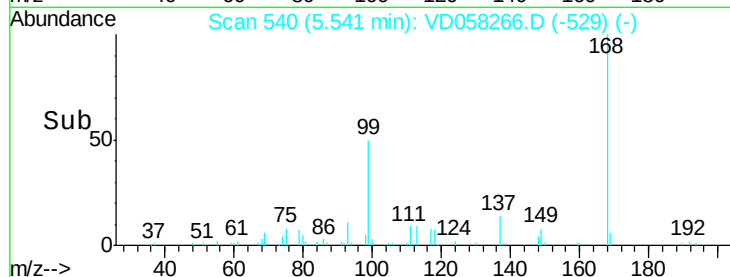
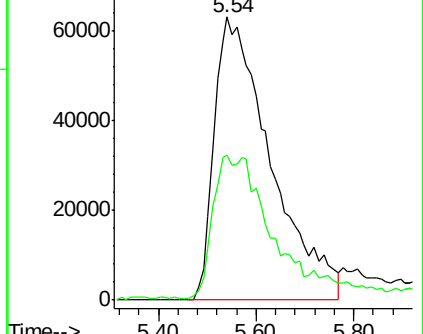
168 100

99 51.4 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#3

Chloromethane

Concen: 12.739 ug/l

RT: 1.44 min Scan# 123

Delta R.T. -0.05 min

Lab File: VD058266.D

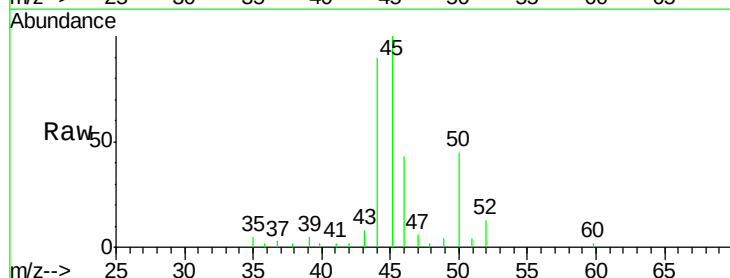
Acq: 21 Jun 2018 21:43

Tgt Ion: 50 Resp: 35334

Ion Ratio Lower Upper

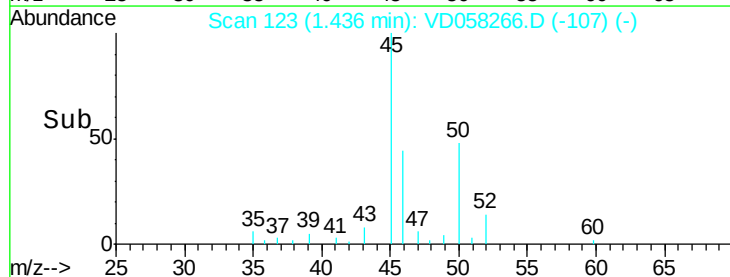
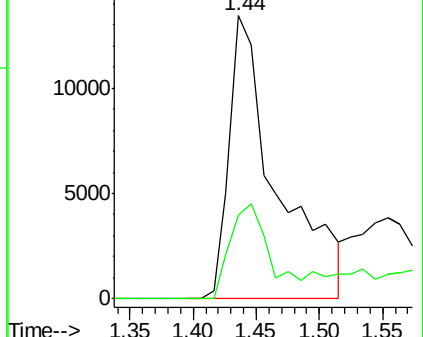
50 100

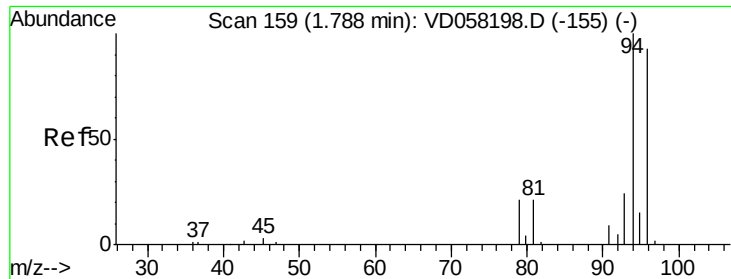
52 29.5 25.0 37.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#5

Bromomethane

Concen: 12.816 ug/l

RT: 1.75 min Scan# 155

Delta R.T. -0.04 min

Lab File: VD058266.D

Acq: 21 Jun 2018 21:43

Instrument :

MSVOA_D

ClientSampleId :

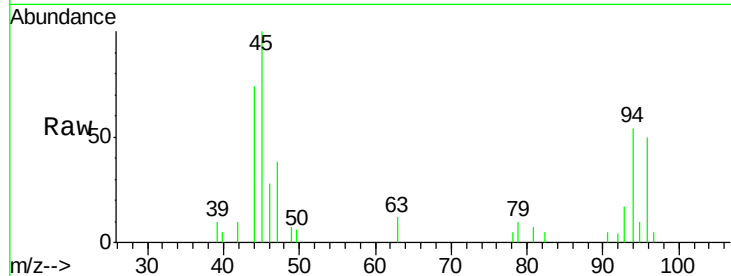
26KV-TP-7RE

Tot Ion: 94 Resp: 13230

Ion Ratio Lower Upper

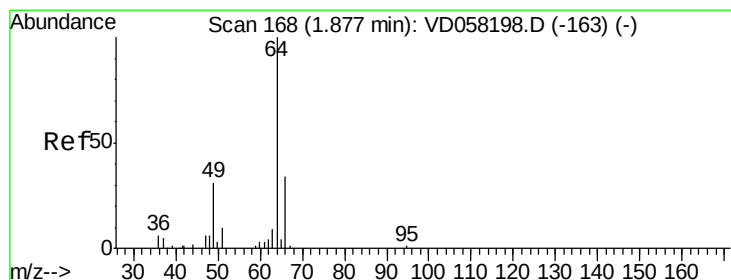
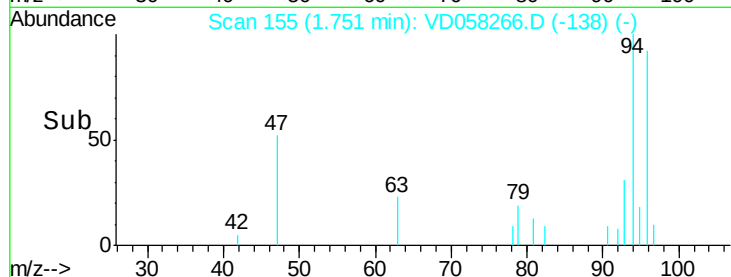
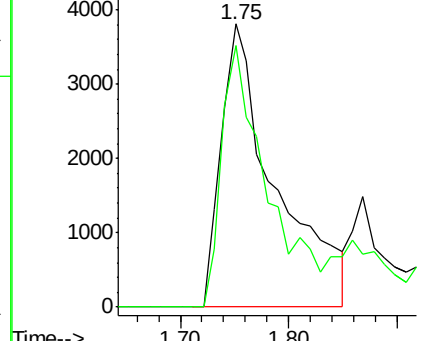
94 100

96 92.3 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 1.577 ug/l

RT: 1.93 min Scan# 173

Delta R.T. 0.05 min

Lab File: VD058266.D

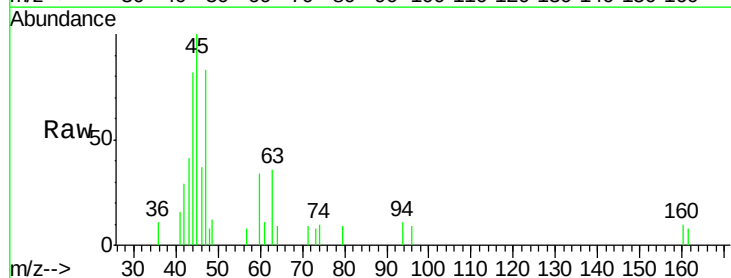
Acq: 21 Jun 2018 21:43

Tgt Ion: 64 Resp: 197

Ion Ratio Lower Upper

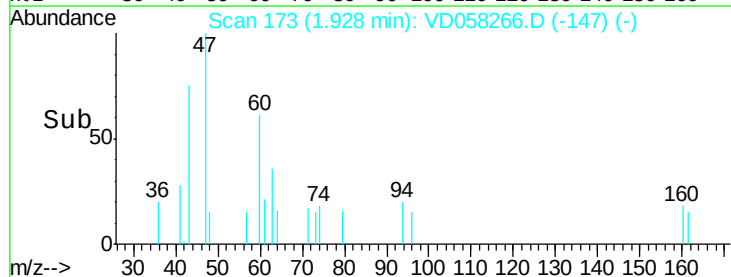
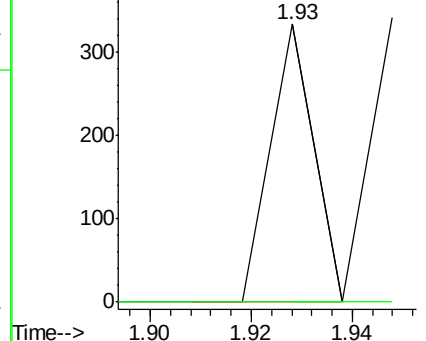
64 100

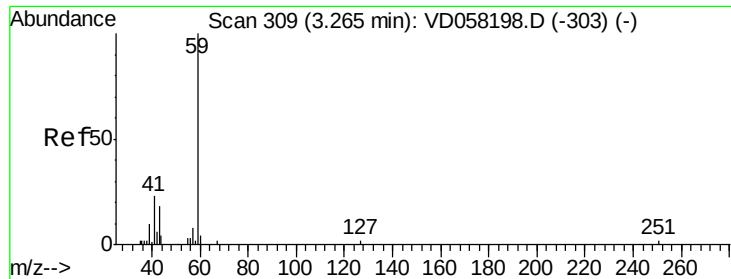
66 0.0 27.3 40.9#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



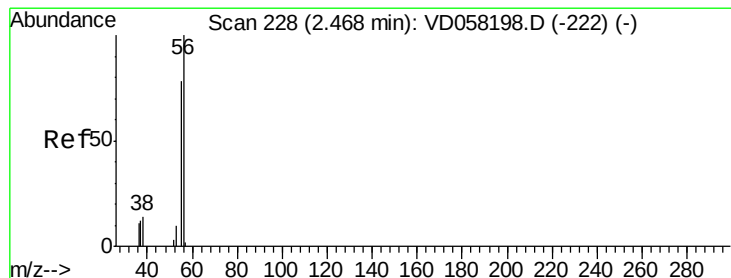
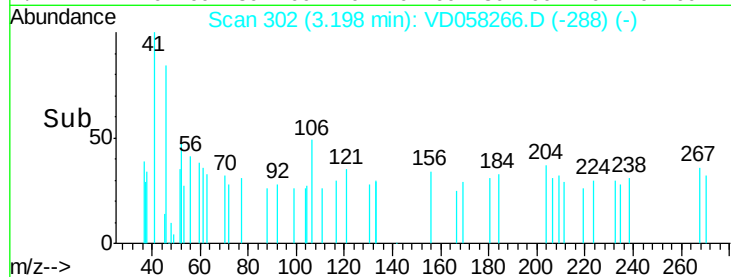
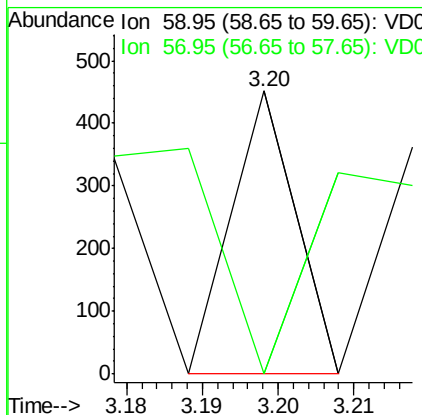
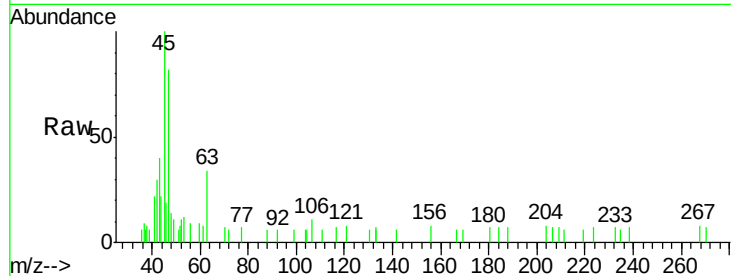


#11

Tert butyl alcohol
 Concen: 1.582 ug/l
 RT: 3.20 min Scan# 302
 Delta R.T. -0.07 min
 Lab File: VD058266.D
 Acq: 21 Jun 2018 21:43

Instrument :
 MSVOA_D
 ClientSampleId :
 26KV-TP-7RE

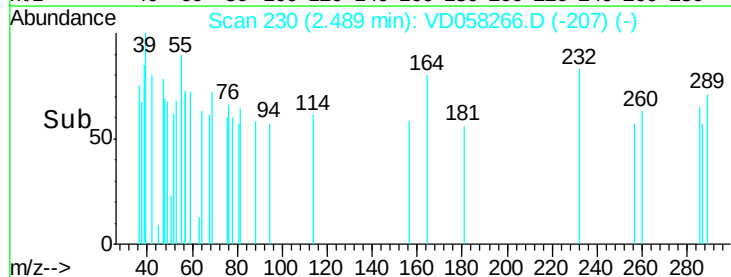
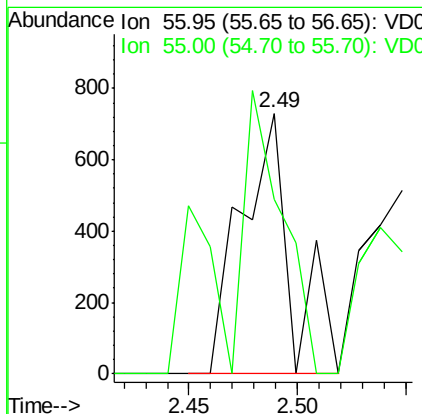
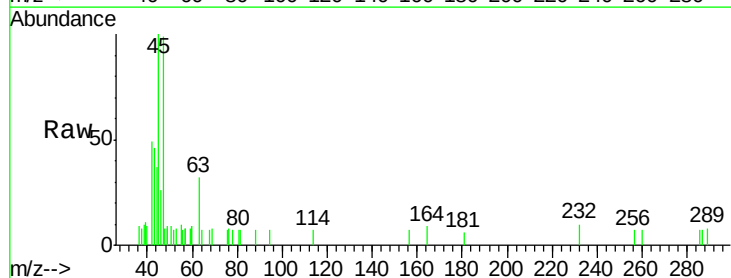
Tot Ion: 59 Resp: 267
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.2 9.4#

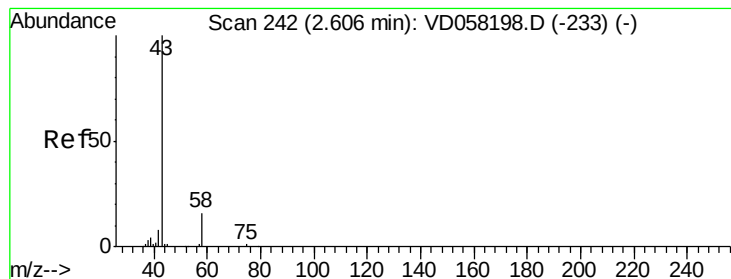


#13

Acrolein
 Concen: 12.292 ug/l
 RT: 2.49 min Scan# 230
 Delta R.T. 0.02 min
 Lab File: VD058266.D
 Acq: 21 Jun 2018 21:43

Tgt Ion: 56 Resp: 1184
 Ion Ratio Lower Upper
 56 100
 55 67.3 62.1 93.1





#16

Acetone

Concen: 5.086 ug/l

RT: 2.58 min Scan# 239

Delta R.T. -0.03 min

Lab File: VD058266.D

Acq: 21 Jun 2018 21:43

Instrument :

MSVOA_D

ClientSampleId :

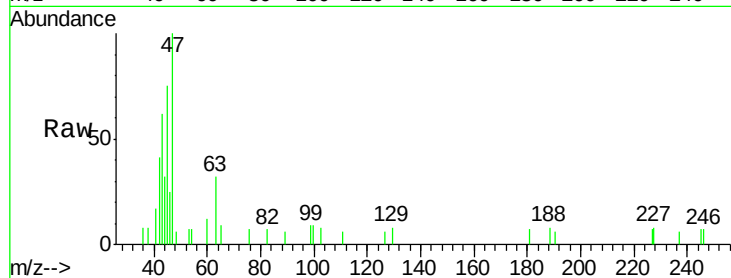
26KV-TP-7RE

Tot Ion: 43 Resp: 3558

Ion Ratio Lower Upper

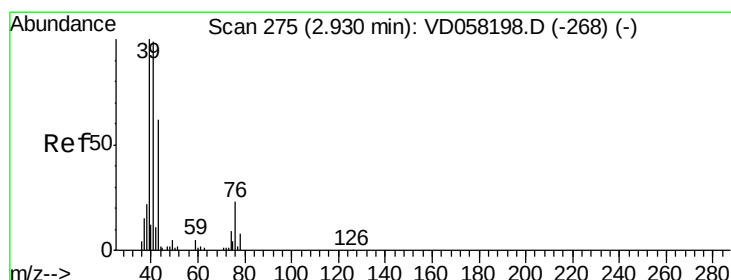
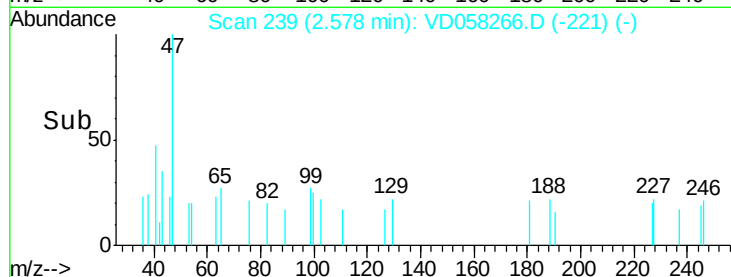
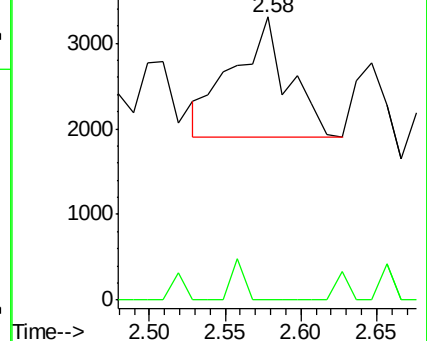
43 100

58 0.0 12.7 19.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#18

Methyl Acetate

Concen: 1.669 ug/l

RT: 2.89 min Scan# 271

Delta R.T. -0.04 min

Lab File: VD058266.D

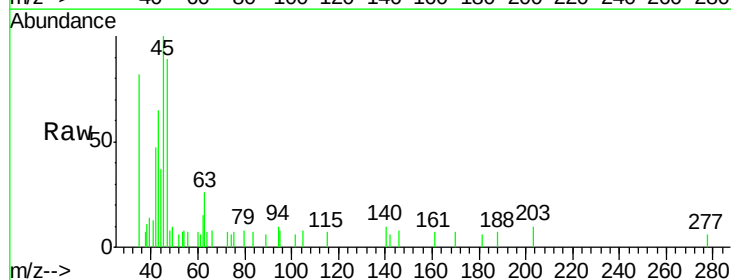
Acq: 21 Jun 2018 21:43

Tgt Ion: 43 Resp: 2491

Ion Ratio Lower Upper

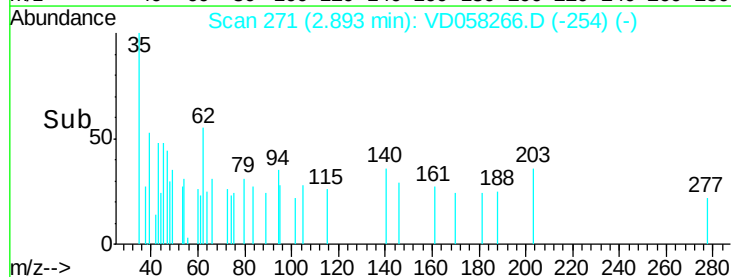
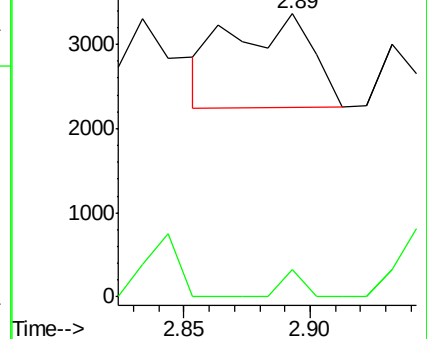
43 100

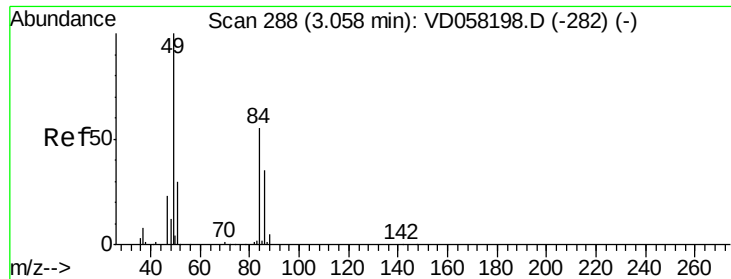
74 9.6 11.7 17.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC



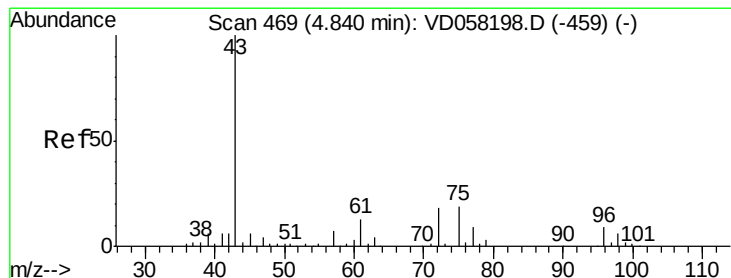
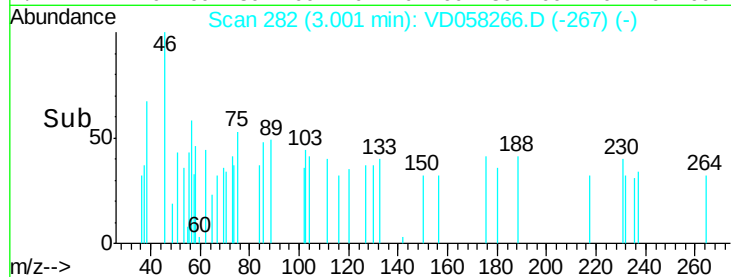
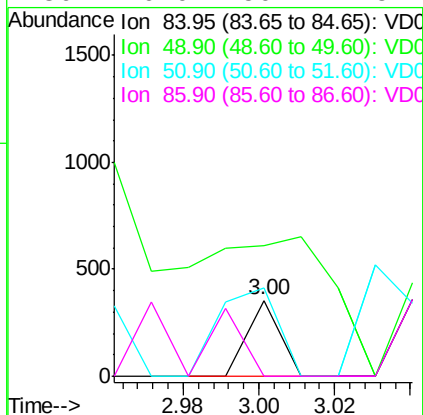
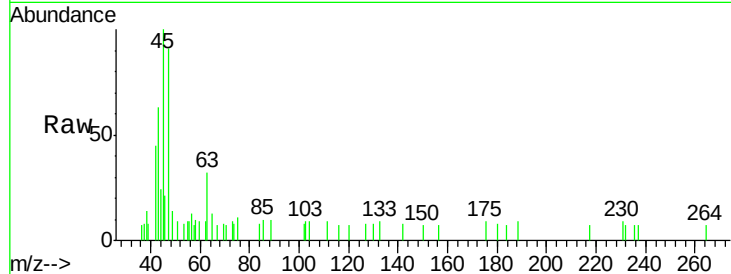


#20

Methylene Chloride
 Concen: Below Cal
 RT: 3.00 min Scan# 282
 Delta R.T. -0.06 min
 Lab File: VD058266.D
 Acq: 21 Jun 2018 21:43

Instrument :
 MSVOA_D
 ClientSampleId :
 26KV-TP-7RE

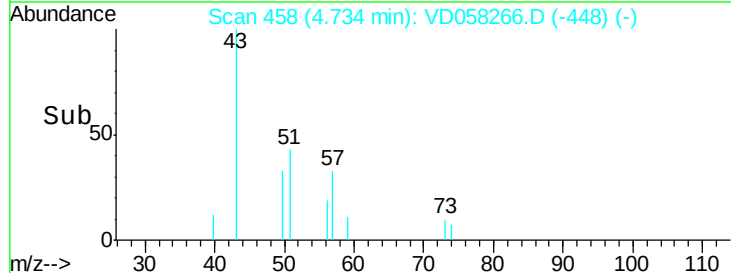
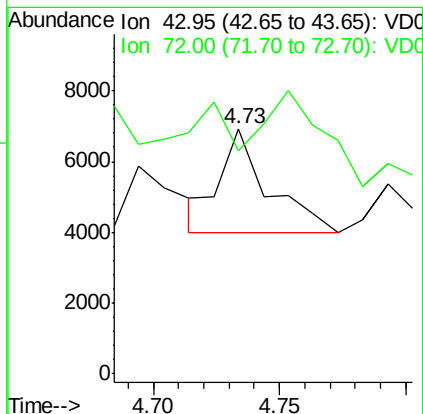
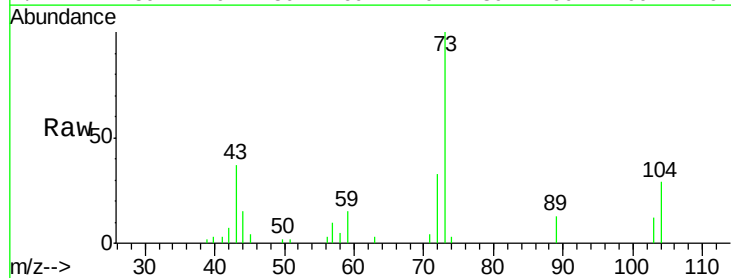
Tot Ion:	84	Resp:	210
Ion	Ratio	Lower	Upper
84	100		
49	171.9	145.0	217.6
51	116.3	42.9	64.3#
86	0.0	50.1	75.1#

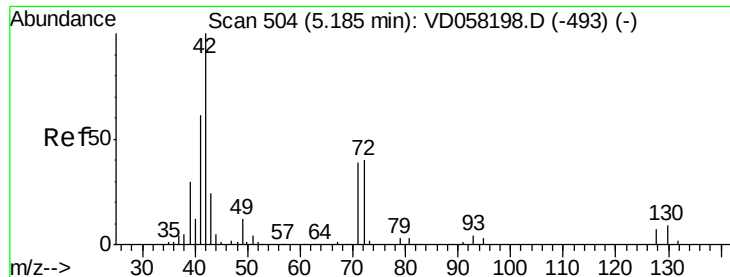


#25

2-Butanone
 Concen: 2.546 ug/l
 RT: 4.73 min Scan# 458
 Delta R.T. -0.11 min
 Lab File: VD058266.D
 Acq: 21 Jun 2018 21:43

Tgt Ion:	43	Resp:	3882
Ion	Ratio	Lower	Upper
43	100		
72	91.0	14.1	21.1#

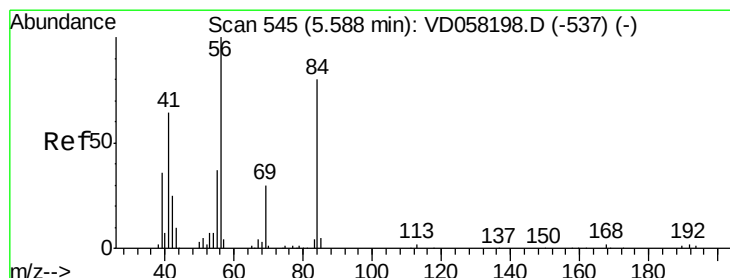
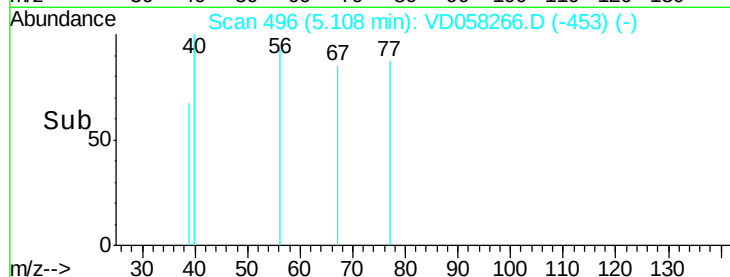
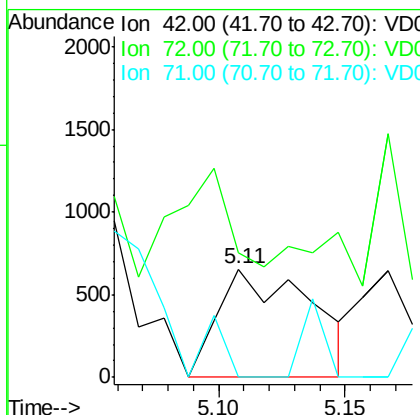
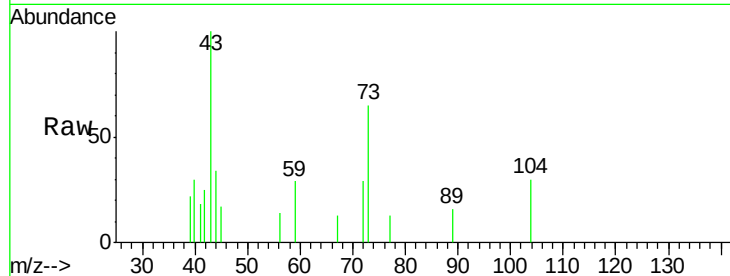




#29
Tetrahydrofuran
Concen: 2.064 ug/l
RT: 5.11 min Scan# 496
Delta R.T. -0.08 min
Lab File: VD058266.D
Acq: 21 Jun 2018 21:43

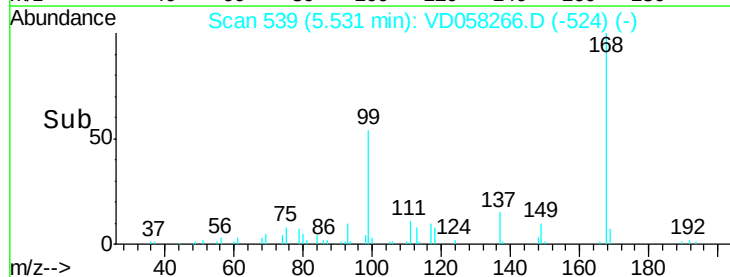
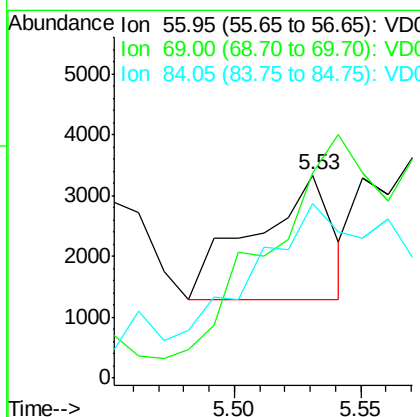
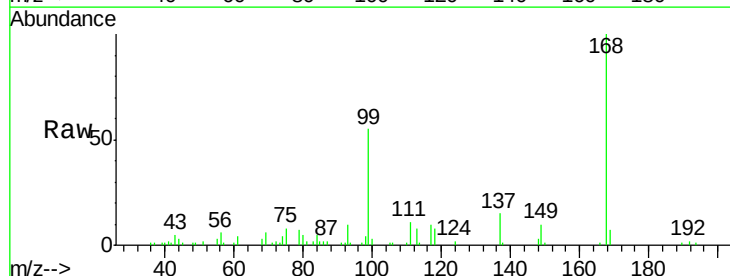
Instrument :
MSVOA_D
ClientSampleId :
26KV-TP-7RE

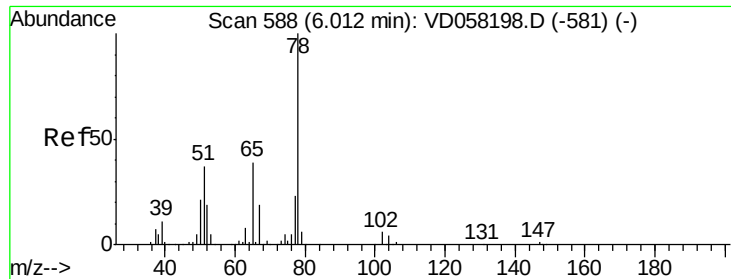
Tot Ion: 42 Resp: 1675
Ion Ratio Lower Upper
42 100
72 59.1 30.2 45.2#
71 0.0 30.1 45.1#



#31
Cyclohexane
Concen: Below Cal
RT: 5.53 min Scan# 539
Delta R.T. -0.06 min
Lab File: VD058266.D
Acq: 21 Jun 2018 21:43

Tgt Ion: 56 Resp: 4376
Ion Ratio Lower Upper
56 100
69 101.1 23.6 35.4#
84 85.8 65.2 97.8

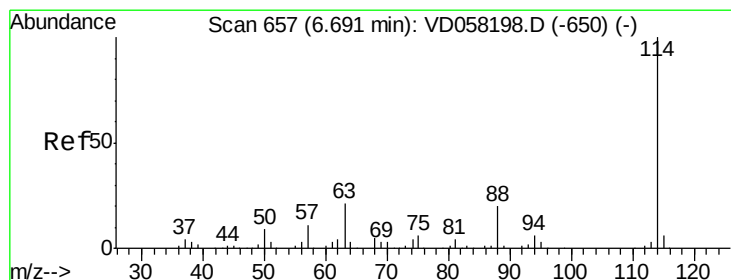
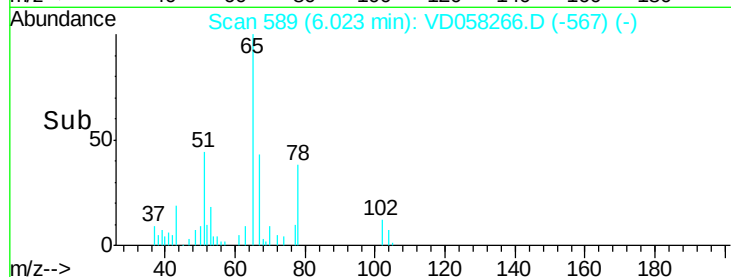
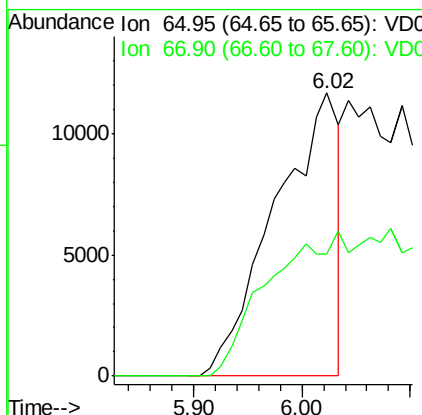
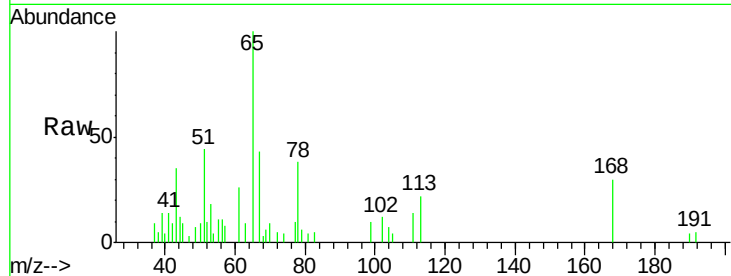




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 6.02 min Scan# 589
 Delta R.T. 0.01 min
 Lab File: VD058266.D
 Acq: 21 Jun 2018 21:43

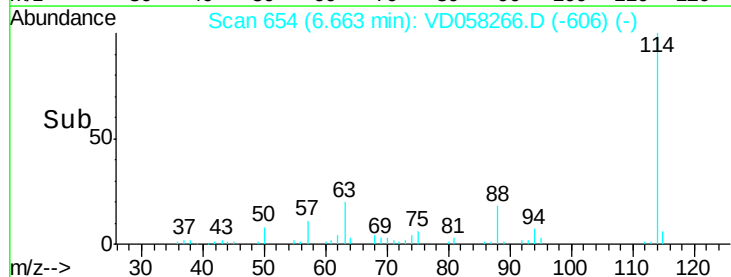
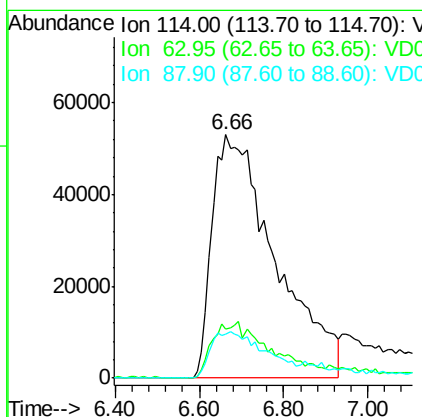
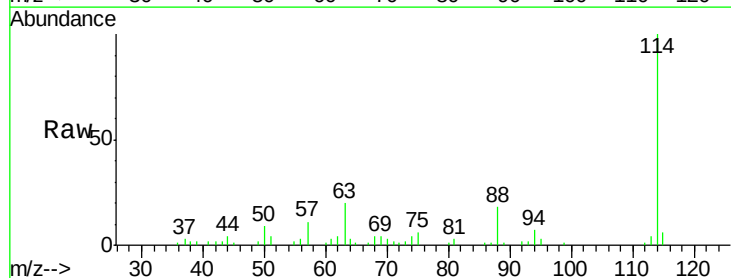
Instrument :
 MSVOA_D
 ClientSampleId :
 26KV-TP-7RE

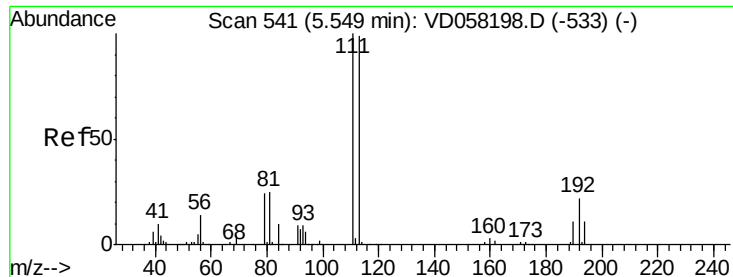
Tot Ion: 65 Resp: 48024
 Ion Ratio Lower Upper
 65 100
 67 42.9 0.0 97.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.66 min Scan# 654
 Delta R.T. -0.03 min
 Lab File: VD058266.D
 Acq: 21 Jun 2018 21:43

Tgt Ion: 114 Resp: 552160
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.6
 88 18.1 0.0 40.6





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.59 min Scan# 545

Delta R.T. 0.04 min

Lab File: VD058266.D

Acq: 21 Jun 2018 21:43

Instrument :

MSVOA_D

ClientSampleId :

26KV-TP-7RE

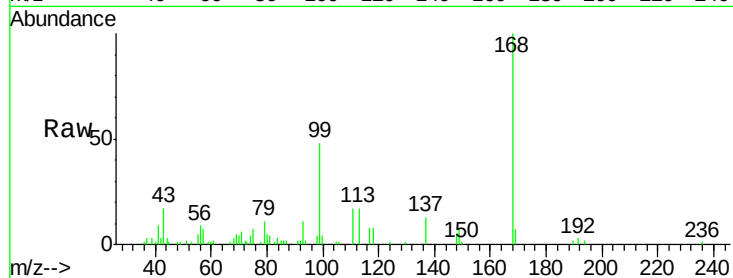
Tot Ion:113 Resp: 55799

Ion Ratio Lower Upper

113 100

111 98.1 80.6 121.0

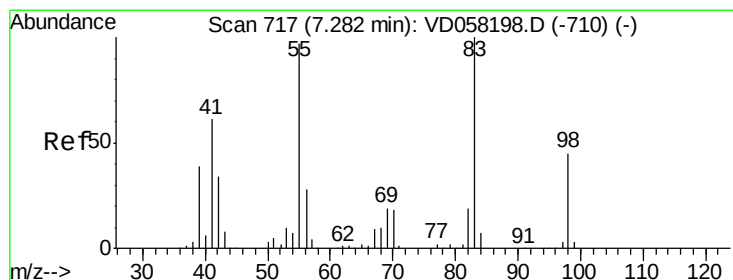
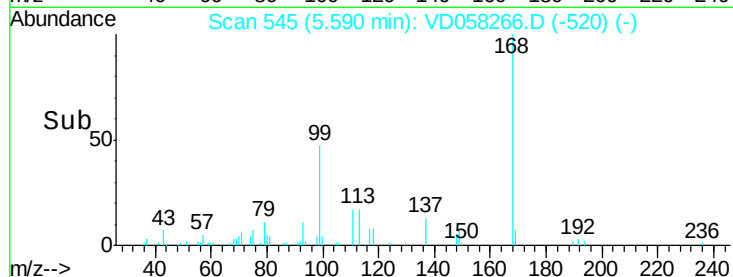
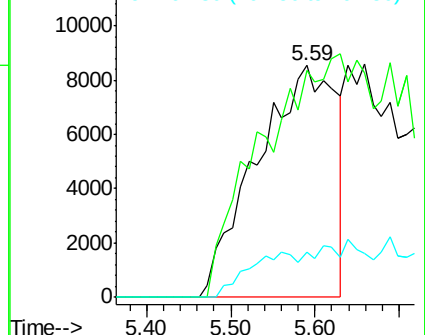
192 19.5 17.8 26.6



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



#39

Methylcyclohexane

Concen: 14.768 ug/l

RT: 7.15 min Scan# 703

Delta R.T. -0.14 min

Lab File: VD058266.D

Acq: 21 Jun 2018 21:43

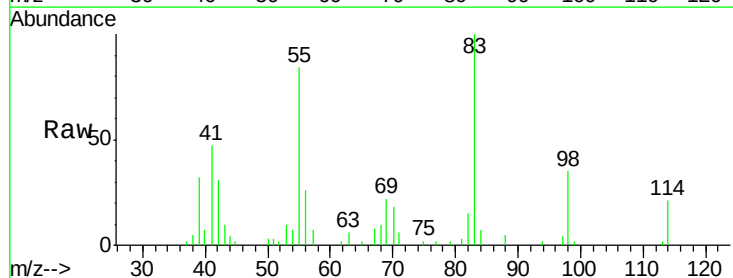
Tgt Ion: 83 Resp: 78569

Ion Ratio Lower Upper

83 100

55 84.2 77.4 116.2

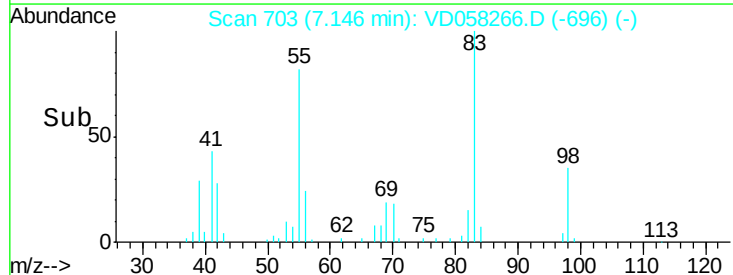
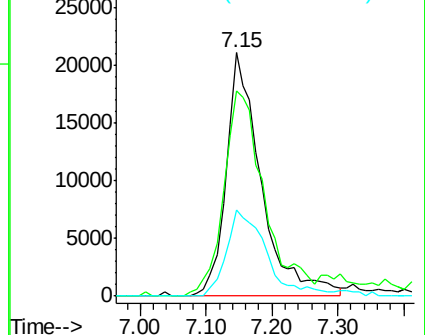
98 35.5 35.9 53.9#

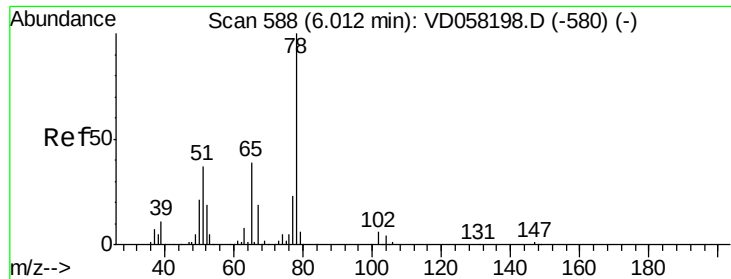


Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC





#40

Benzene

Concen: 2.653 ug/l

RT: 5.90 min Scan# 576

Delta R.T. -0.12 min

Lab File: VD058266.D

Acq: 21 Jun 2018 21:43

Instrument :

MSVOA_D

ClientSampleId :

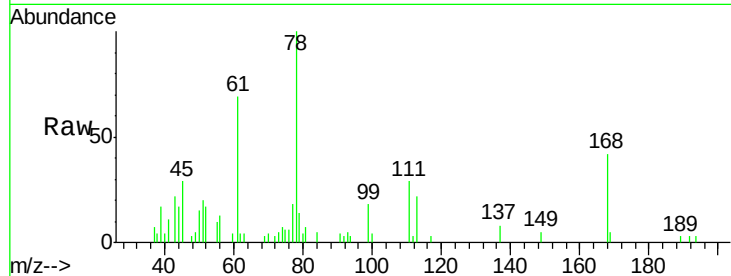
26KV-TP-7RE

Tot Ion: 78 Resp: 34521

Ion Ratio Lower Upper

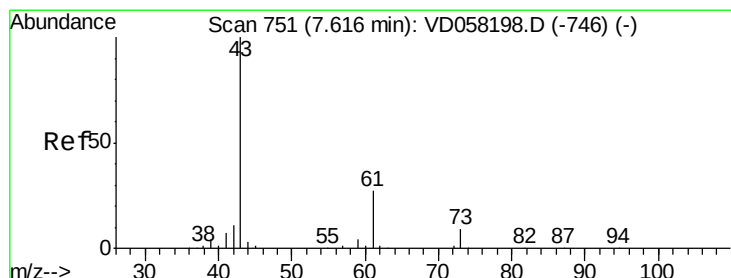
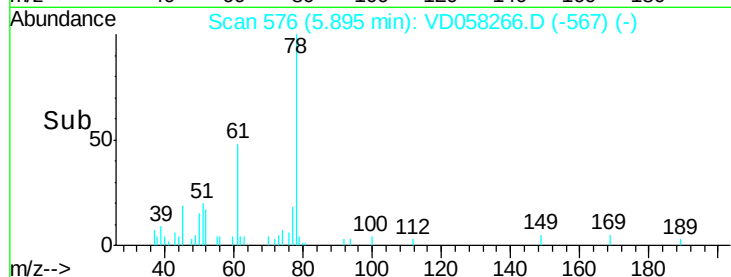
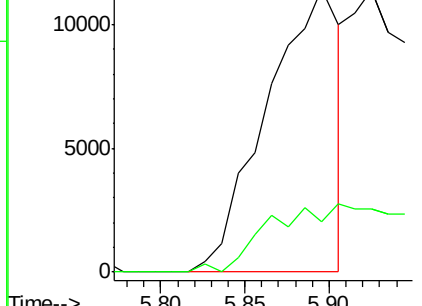
78 100

77 17.8 18.5 27.7#



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC



#43

Isopropyl Acetate

Concen: 3.713 ug/l

RT: 7.55 min Scan# 744

Delta R.T. -0.07 min

Lab File: VD058266.D

Acq: 21 Jun 2018 21:43

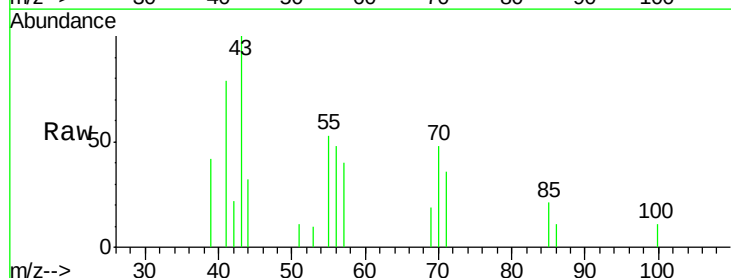
Tgt Ion: 43 Resp: 15405

Ion Ratio Lower Upper

43 100

61 0.0 21.8 32.6#

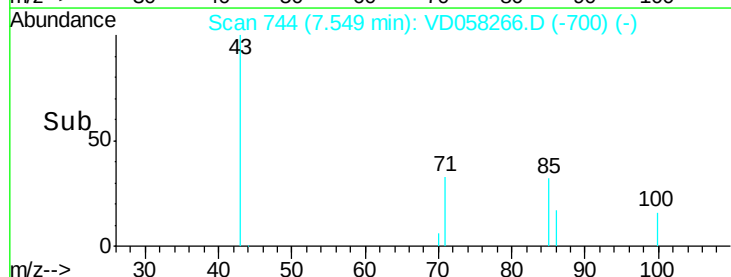
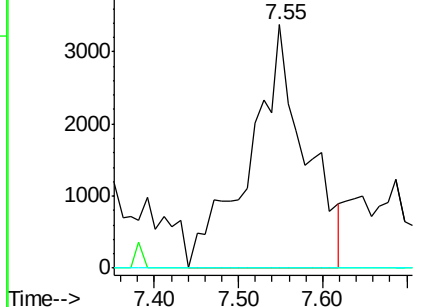
87 0.0 0.3 0.5#

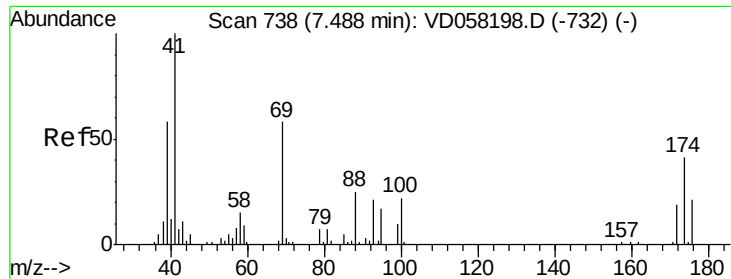


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC





#49

1,4-Dioxane

Concen: 11.949 ug/l

RT: 7.37 min Scan# 726

Delta R.T. -0.12 min

Lab File: VD058266.D

Acq: 21 Jun 2018 21:43

Instrument :

MSVOA_D

ClientSampleId :

26KV-TP-7RE

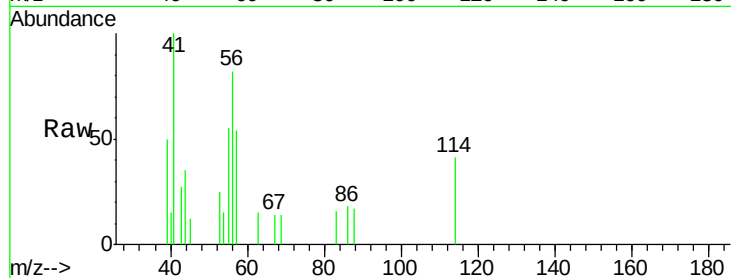
Tot Ion: 88 Resp: 272

Ion Ratio Lower Upper

88 100

43 156.5 34.2 51.2#

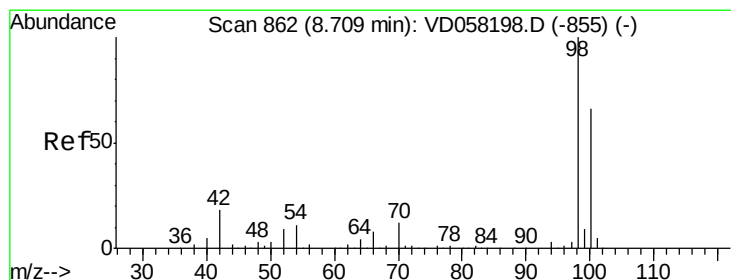
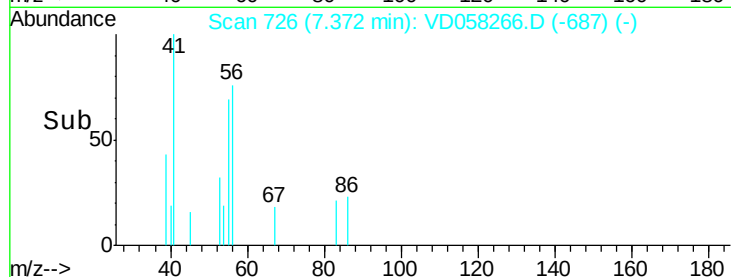
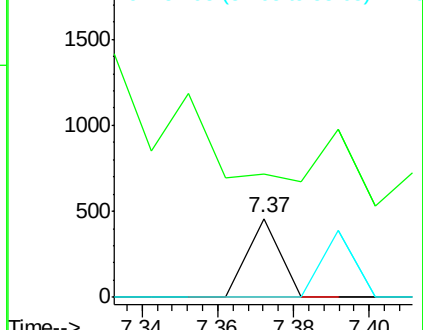
58 0.0 47.9 71.9#



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC



#50

Toluene-d8

Concen: 11.949 ug/l

RT: 8.70 min Scan# 861

Delta R.T. -0.01 min

Lab File: VD058266.D

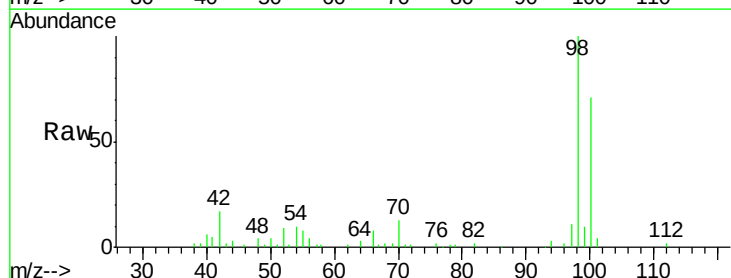
Acq: 21 Jun 2018 21:43

Tgt Ion: 98 Resp: 434788

Ion Ratio Lower Upper

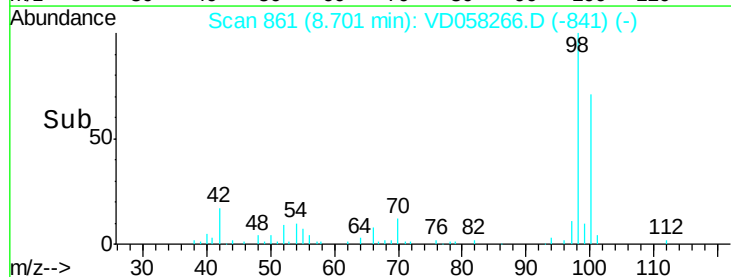
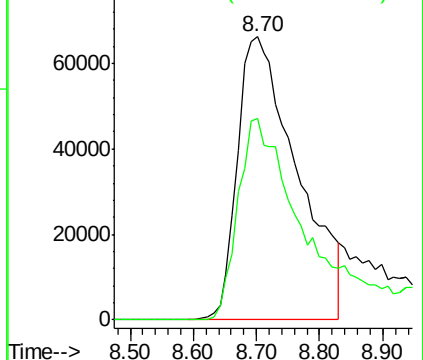
98 100

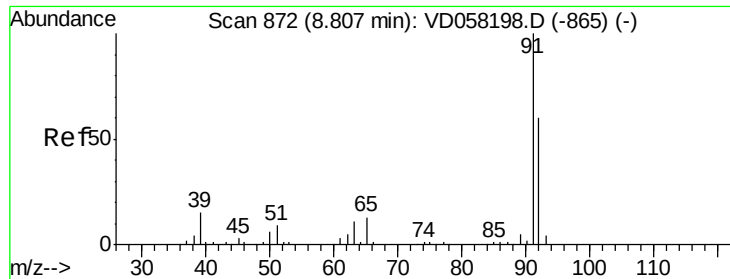
100 71.3 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#52

Toluene

Concen: 18.225 ug/l

RT: 8.80 min Scan# 871

Delta R.T. -0.01 min

Lab File: VD058266.D

Acq: 21 Jun 2018 21:43

Instrument :

MSVOA_D

ClientSampleId :

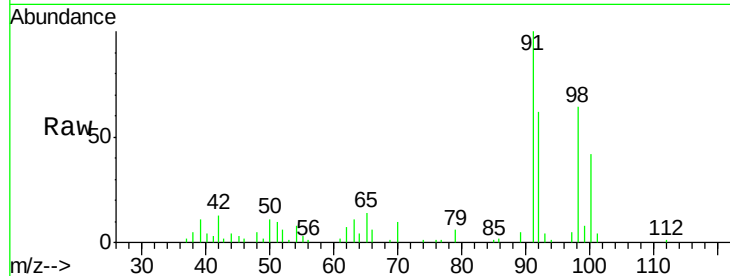
26KV-TP-7RE

Tot Ion: 92 Resp: 135030

Ion Ratio Lower Upper

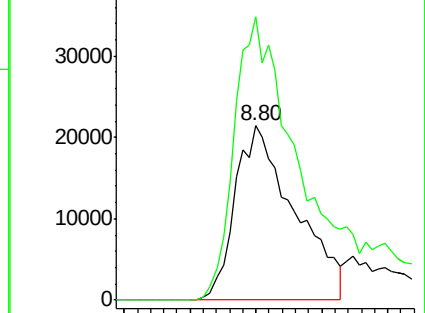
92 100

91 162.4 133.2 199.8

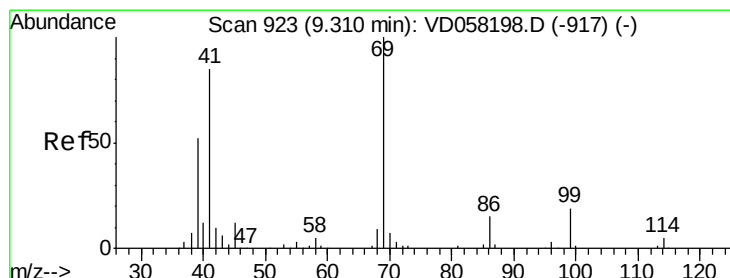
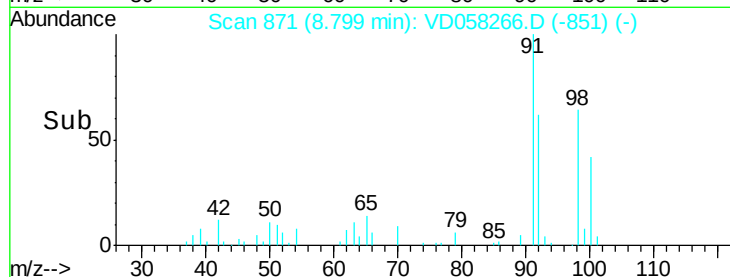


Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



Time--> 8.60 8.70 8.80 8.90 9.00



#56

Ethyl methacrylate

Concen: 1.326 ug/l

RT: 9.33 min Scan# 925

Delta R.T. 0.02 min

Lab File: VD058266.D

Acq: 21 Jun 2018 21:43

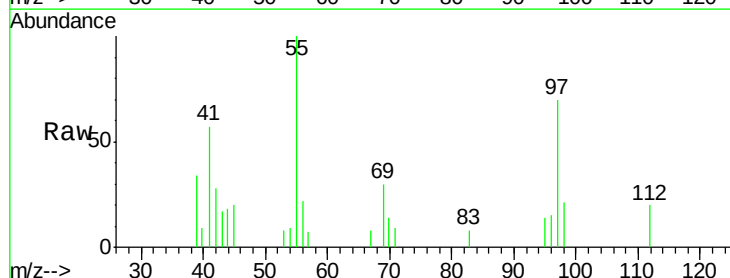
Tgt Ion: 69 Resp: 4156

Ion Ratio Lower Upper

69 100

41 189.8 67.6 101.4#

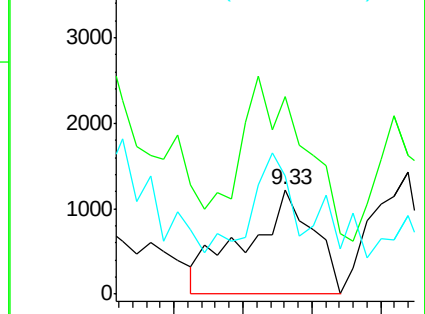
39 113.2 42.2 63.2#



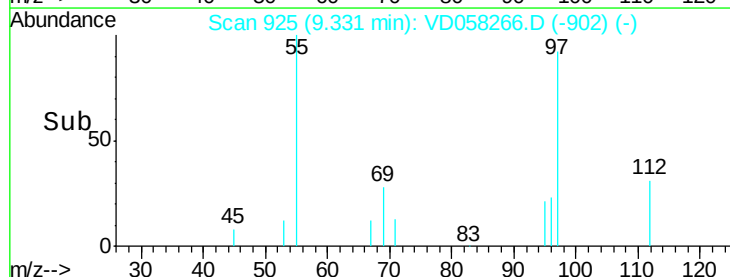
Abundance Ion 69.00 (68.70 to 69.70): VDC

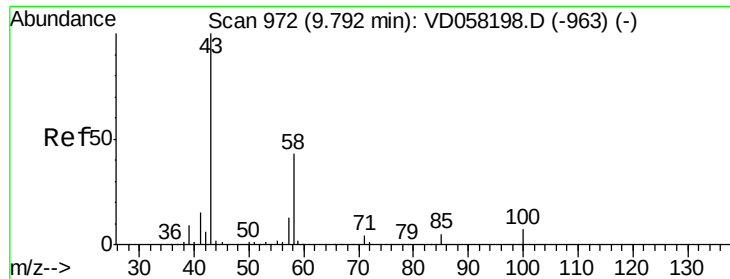
Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC



Time--> 9.25 9.30 9.35 9.40

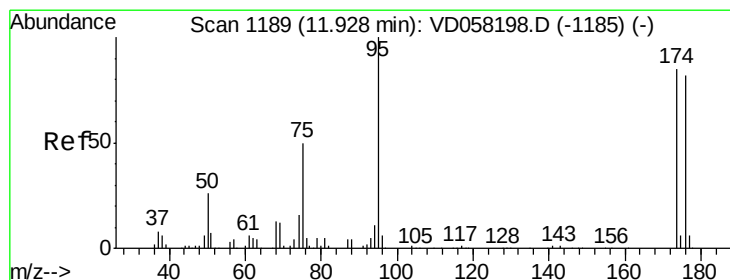
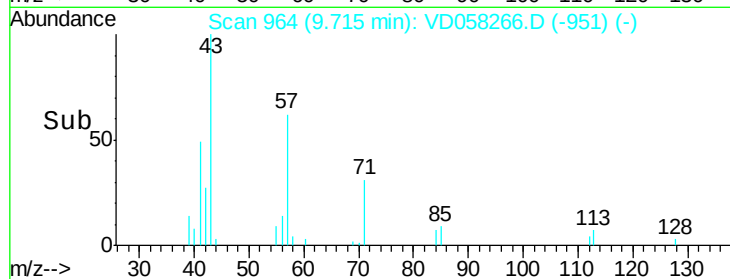
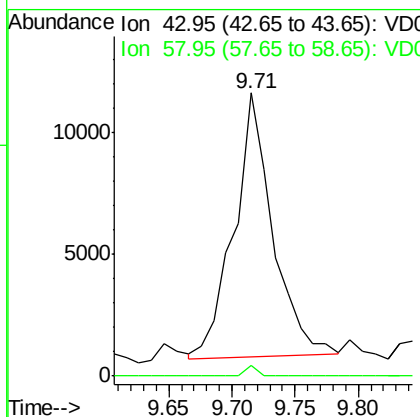
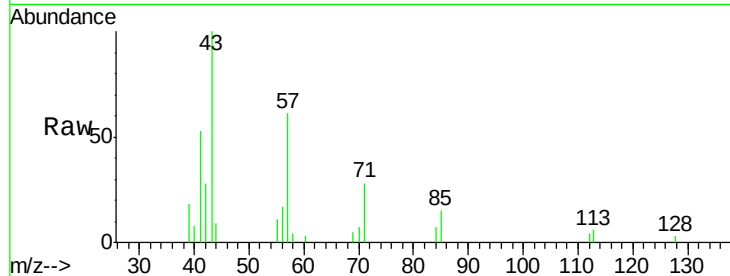




#59
2-Hexanone
Concen: 11.788 ug/l
RT: 9.71 min Scan# 964
Delta R.T. -0.08 min
Lab File: VD058266.D
Acq: 21 Jun 2018 21:43

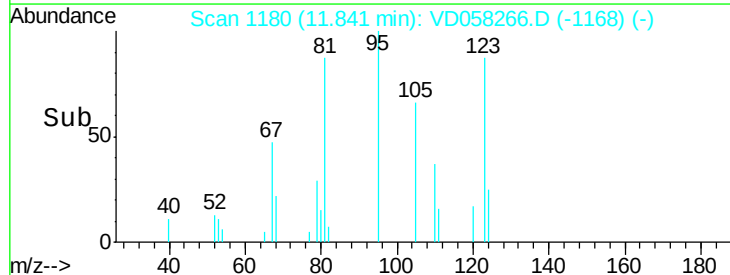
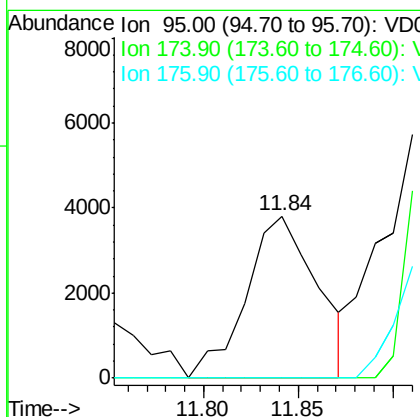
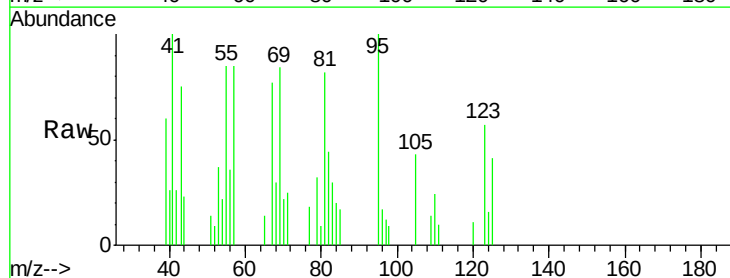
Instrument :
MSVOA_D
ClientSampleId :
26KV-TP-7RE

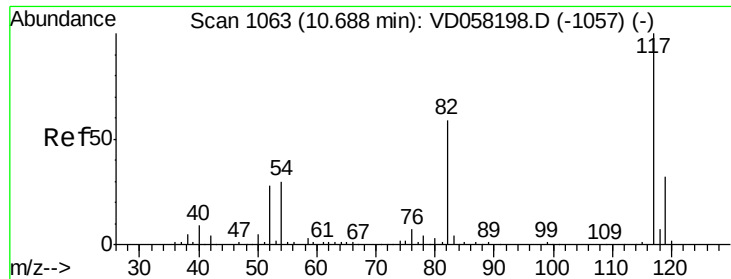
Tot Ion: 43 Resp: 23053
Ion Ratio Lower Upper
43 100
58 4.0 21.7 65.1#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.84 min Scan# 1180
Delta R.T. -0.09 min
Lab File: VD058266.D
Acq: 21 Jun 2018 21:43

Tgt Ion: 95 Resp: 9941
Ion Ratio Lower Upper
95 100
174 0.0 0.0 170.2
176 0.0 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.70 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VD058266.D

Acq: 21 Jun 2018 21:43

Instrument :

MSVOA_D

ClientSampleId :

26KV-TP-7RE

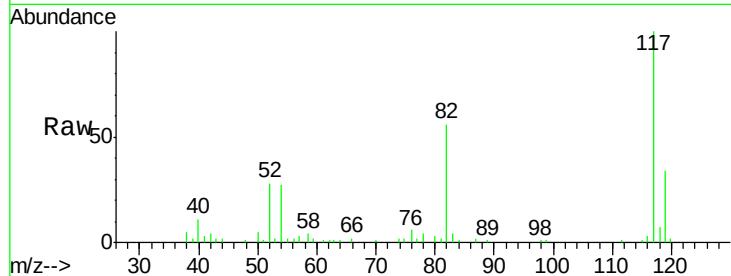
Tot Ion:117 Resp: 260032

Ion Ratio Lower Upper

117 100

82 55.6 47.0 70.6

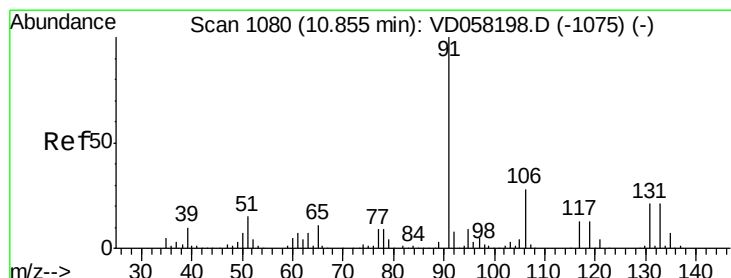
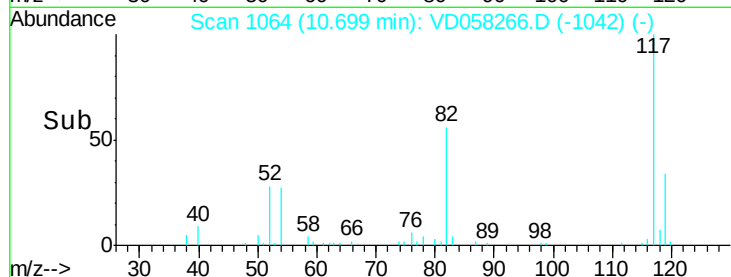
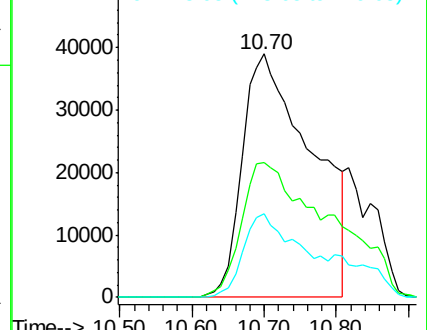
119 34.2 25.3 37.9



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



#67

Ethyl Benzene

Concen: 4.007 ug/l

RT: 10.86 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VD058266.D

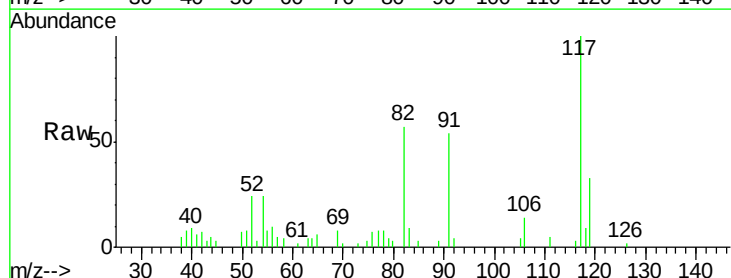
Acq: 21 Jun 2018 21:43

Tgt Ion: 91 Resp: 34413

Ion Ratio Lower Upper

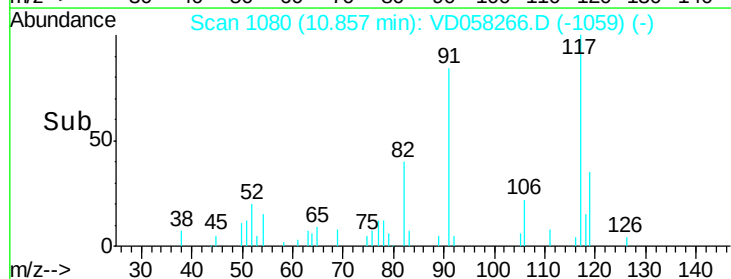
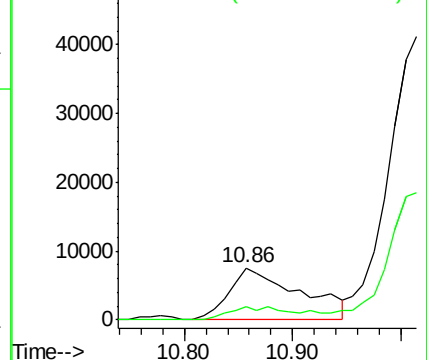
91 100

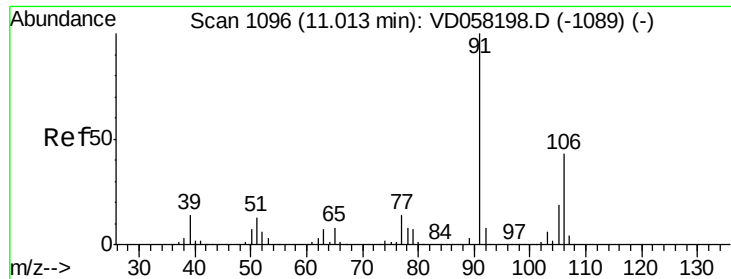
106 26.4 22.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.05 (105.75 to 106.75): V





#68

m/p-Xylenes

Concen: 36.098 ug/l

RT: 11.01 min Scan# 1096

Delta R.T. 0.00 min

Lab File: VD058266.D

Acq: 21 Jun 2018 21:43

Instrument :

MSVOA_D

ClientSampleId :

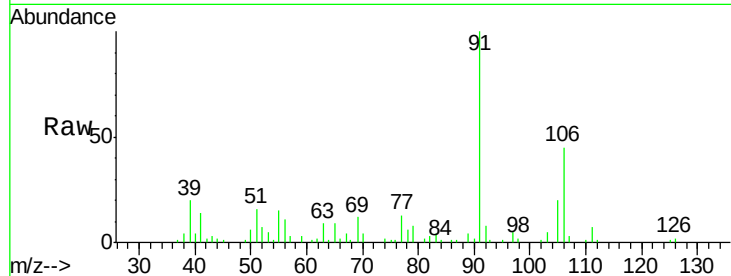
26KV-TP-7RE

Tot Ion:106 Resp: 103371

Ion Ratio Lower Upper

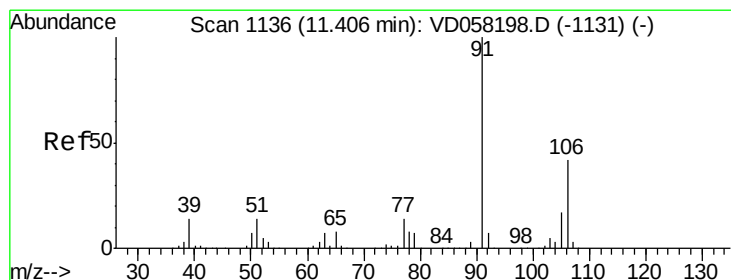
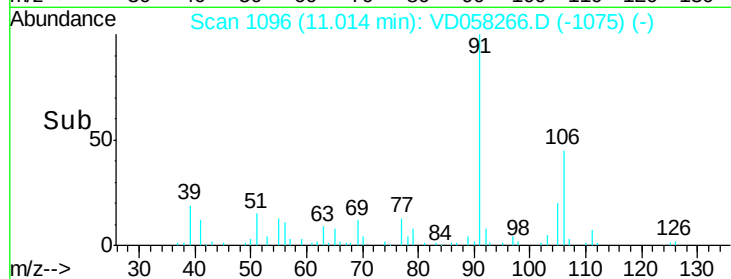
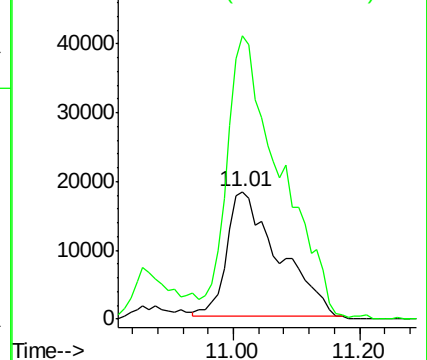
106 100

91 221.6 185.0 277.6



Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): VDC



#69

o-Xylene

Concen: 4.035 ug/l

RT: 11.41 min Scan# 1136

Delta R.T. 0.00 min

Lab File: VD058266.D

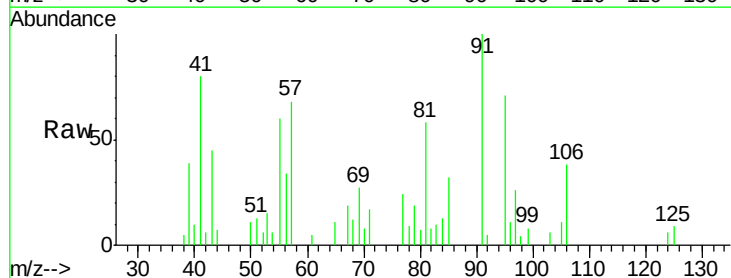
Acq: 21 Jun 2018 21:43

Tgt Ion:106 Resp: 11036

Ion Ratio Lower Upper

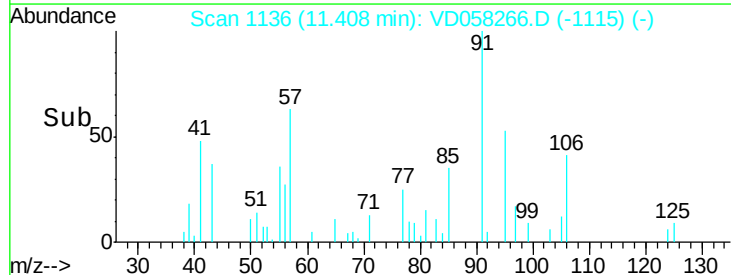
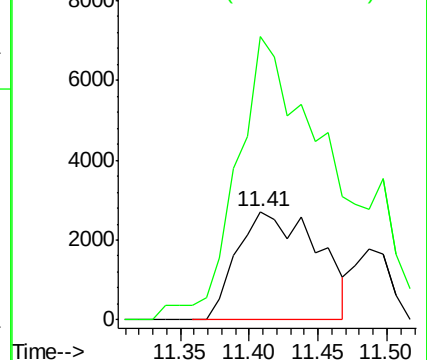
106 100

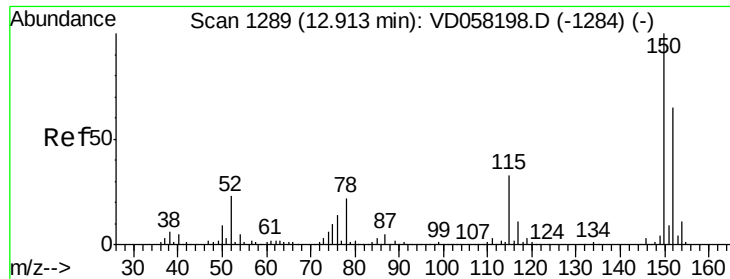
91 260.9 120.2 360.6



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: 12.90 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD058266.D

Acq: 21 Jun 2018 21:43

Instrument :

MSVOA_D

ClientSampleId :

26KV-TP-7RE

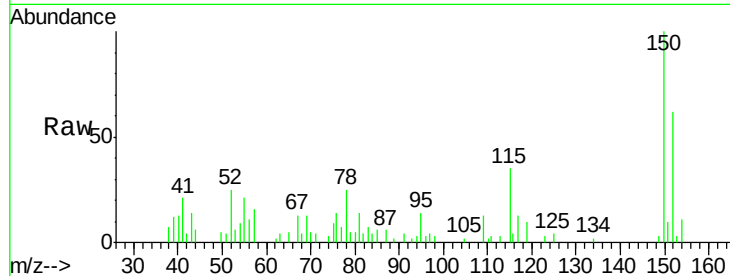
Tot Ion:152 Resp: 30433

Ion Ratio Lower Upper

152 100

115 56.6 25.1 75.3

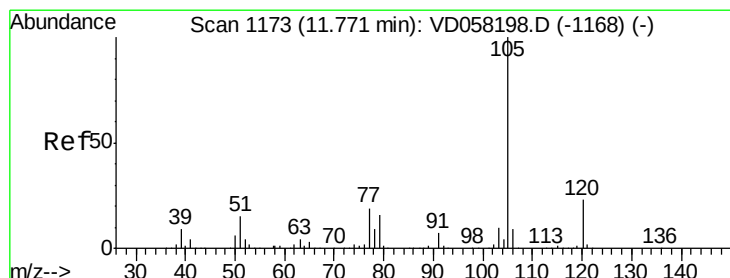
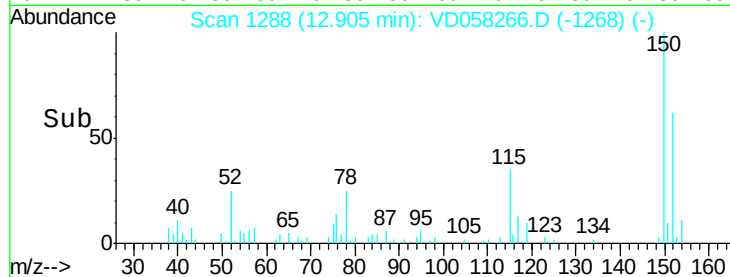
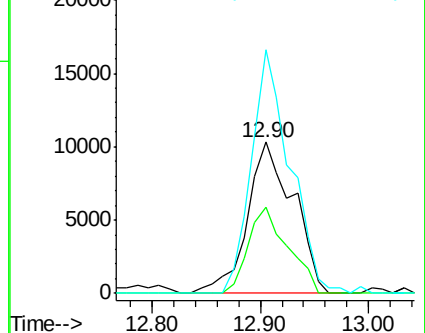
150 160.9 0.0 308.8



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: 9.244 ug/l

RT: 11.77 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VD058266.D

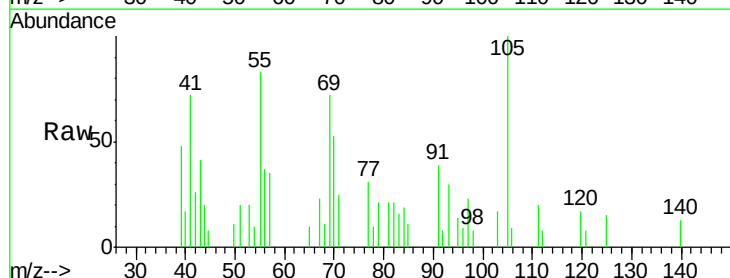
Acq: 21 Jun 2018 21:43

Tgt Ion:105 Resp: 16828

Ion Ratio Lower Upper

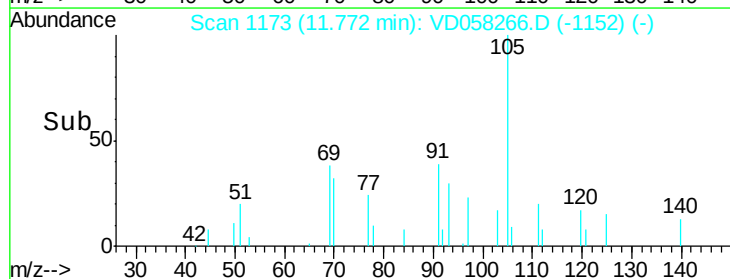
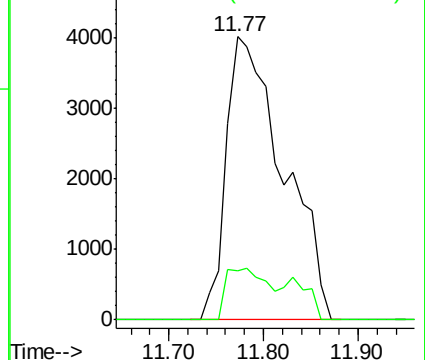
105 100

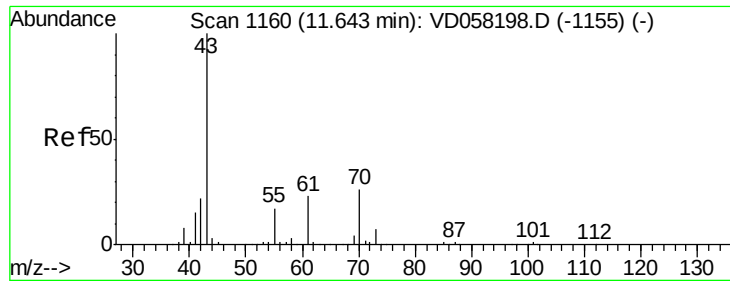
120 17.3 11.6 34.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#74

N-amvl acetate

Concen: 20.203 ug/l

RT: 11.59 min Scan# 1154

Delta R.T. -0.06 min

Lab File: VD058266.D

Acq: 21 Jun 2018 21:43

Instrument :

MSVOA_D

ClientSampleId :

26KV-TP-7RE

Tot Ion: 43 Resp: 14220

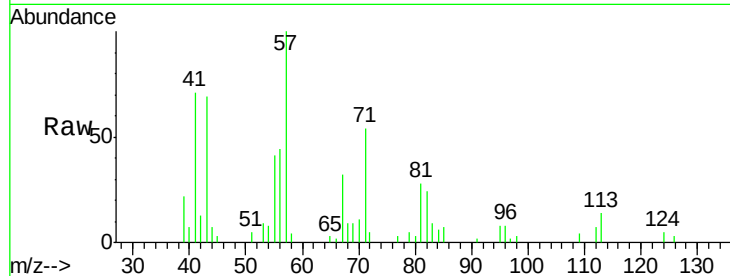
Ion Ratio Lower Upper

43 100

70 16.8 20.9 31.3#

55 59.3 13.5 20.3#

61 0.0 18.2 27.2#

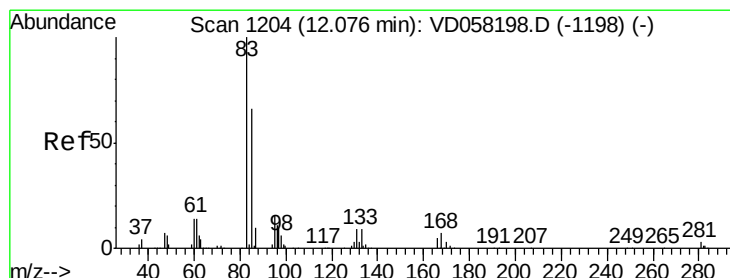
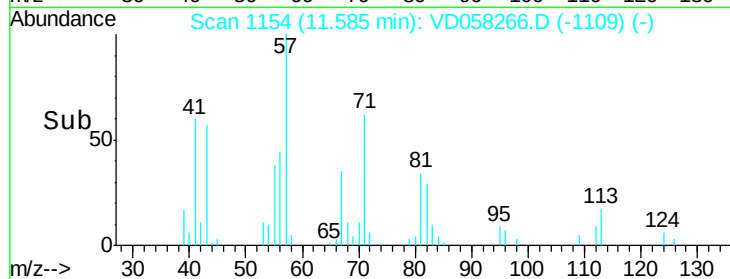
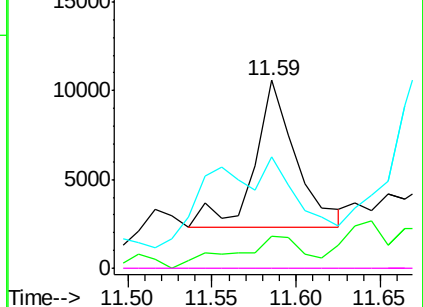


Abundance Ion 42.95 (42.65 to 43.65): VDC

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: 19.362 ug/l

RT: 12.09 min Scan# 1205

Delta R.T. 0.01 min

Lab File: VD058266.D

Acq: 21 Jun 2018 21:43

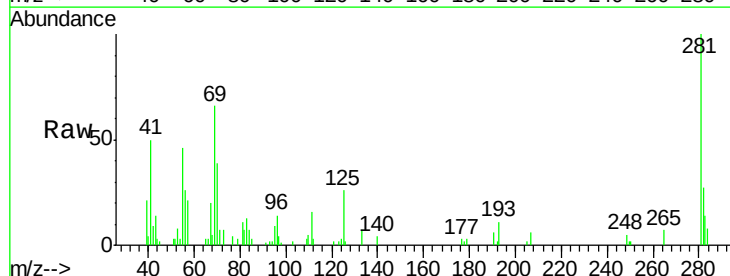
Tgt Ion: 83 Resp: 8202

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

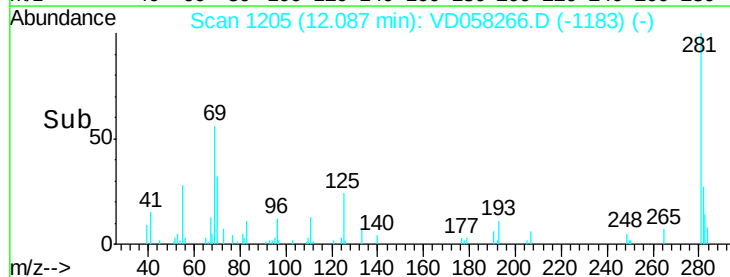
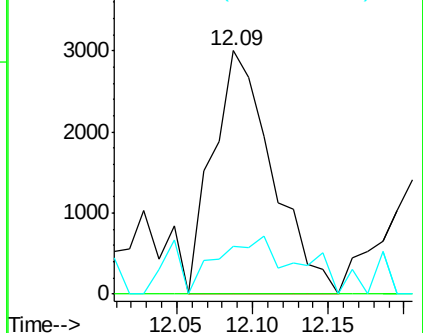
85 19.5 33.1 99.5#

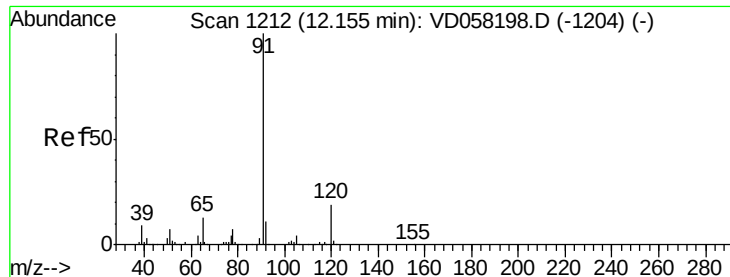


Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): V

Ion 84.95 (84.65 to 85.65): VDC





#78

n-propylbenzene

Concen: 6.560 ug/l

RT: 12.16 min Scan# 1212

Delta R.T. 0.00 min

Lab File: VD058266.D

Acq: 21 Jun 2018 21:43

Instrument :

MSVOA_D

ClientSampleId :

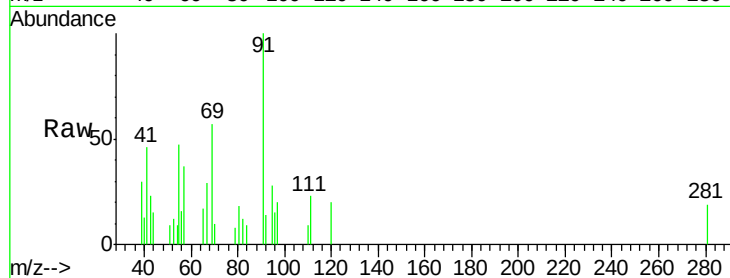
26KV-TP-7RE

Tot Ion: 91 Resp: 15422

Ion Ratio Lower Upper

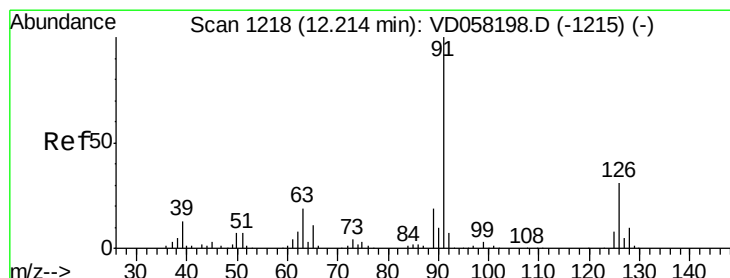
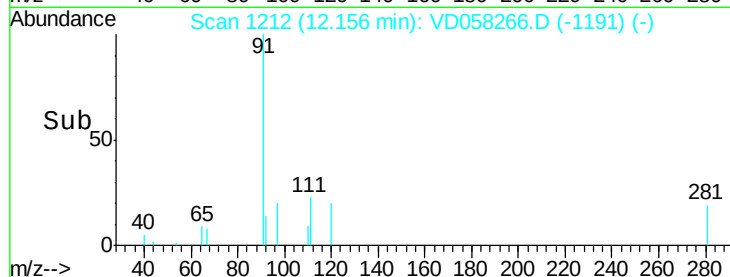
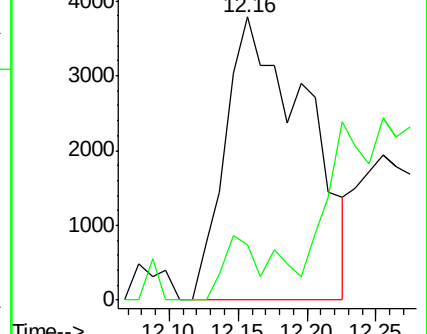
91 100

120 19.8 9.7 29.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): VDC



#79

2-Chlorotoluene

Concen: 3.127 ug/l

RT: 12.25 min Scan# 1222

Delta R.T. 0.04 min

Lab File: VD058266.D

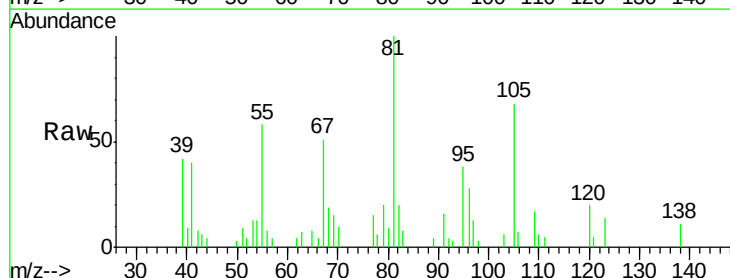
Acq: 21 Jun 2018 21:43

Tgt Ion: 91 Resp: 4206

Ion Ratio Lower Upper

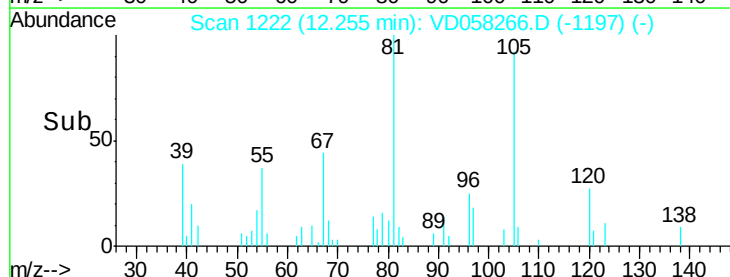
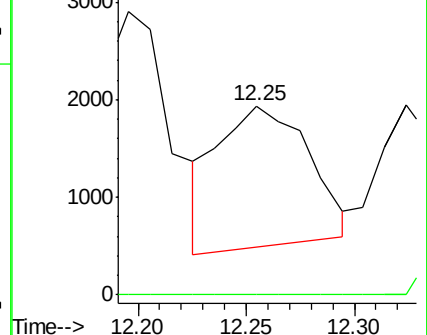
91 100

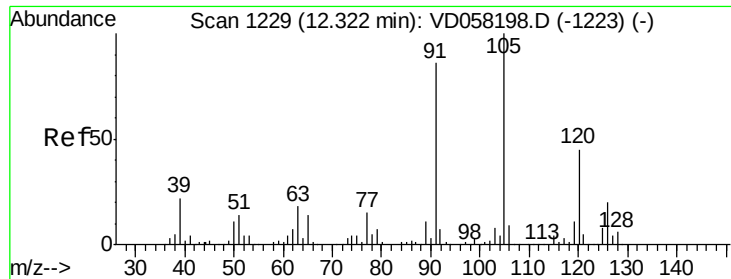
126 0.0 14.9 44.5#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): VDC

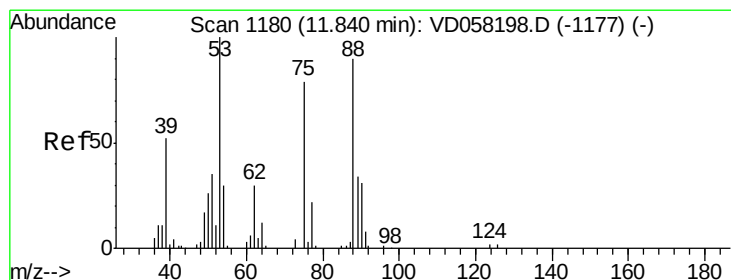
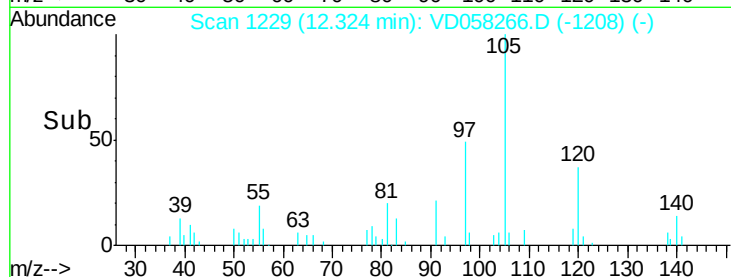
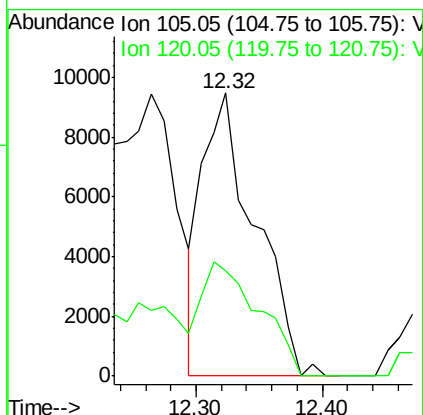
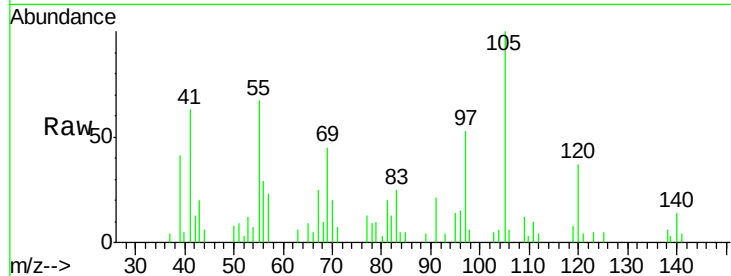




#80
 1,3,5-Trimethylbenzene
 Concen: 19.403 ug/l
 RT: 12.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VD058266.D
 Acq: 21 Jun 2018 21:43

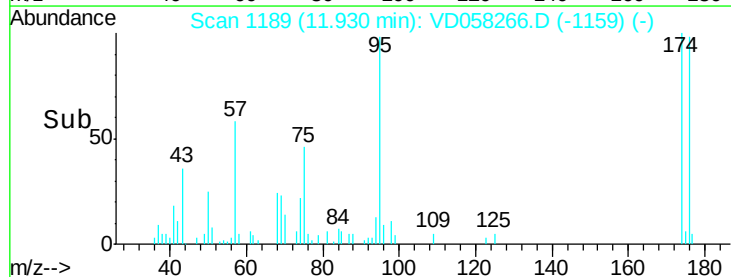
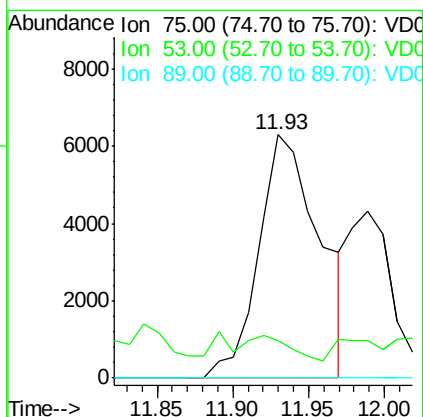
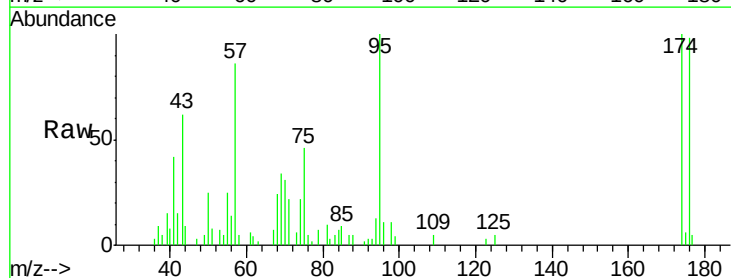
Instrument :
 MSVOA_D
 ClientSampleId :
 26KV-TP-7RE

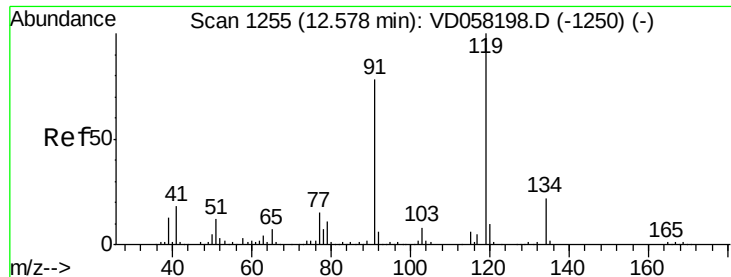
Tot Ion:105 Resp: 27549
 Ion Ratio Lower Upper
 105 100
 120 37.4 22.5 67.5



#81
 trans-1,4-Dichloro-2-butene
 Concen: 163.709 ug/l
 RT: 11.93 min Scan# 1189
 Delta R.T. 0.09 min
 Lab File: VD058266.D
 Acq: 21 Jun 2018 21:43

Tgt Ion: 75 Resp: 17741
 Ion Ratio Lower Upper
 75 100
 53 15.4 100.8 151.2#
 89 0.0 34.6 52.0#

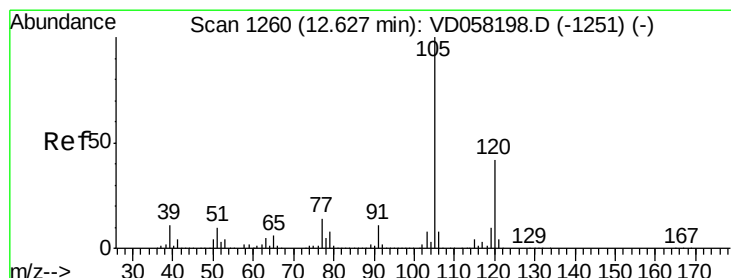
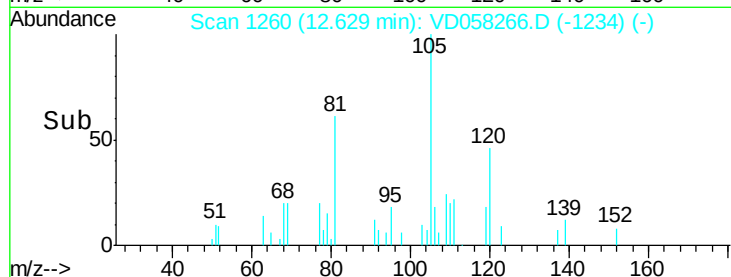
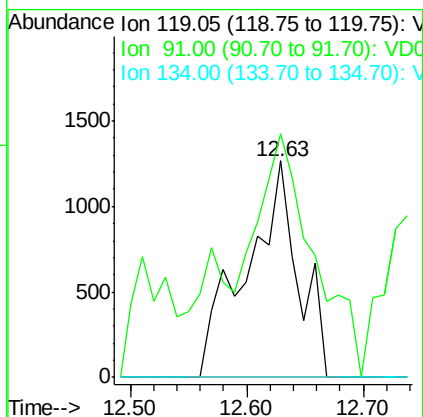
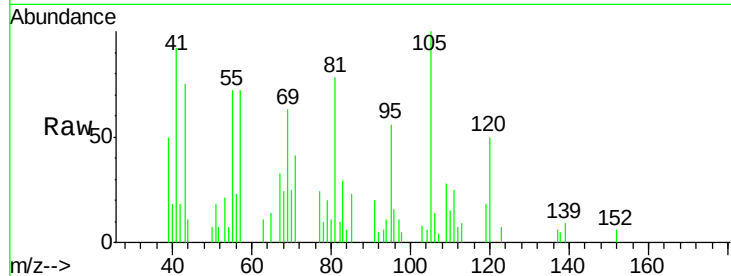




#83
 tert-Butylbenzene
 Concen: 2.399 ug/l
 RT: 12.63 min Scan# 1260
 Delta R.T. 0.05 min
 Lab File: VD058266.D
 Acq: 21 Jun 2018 21:43

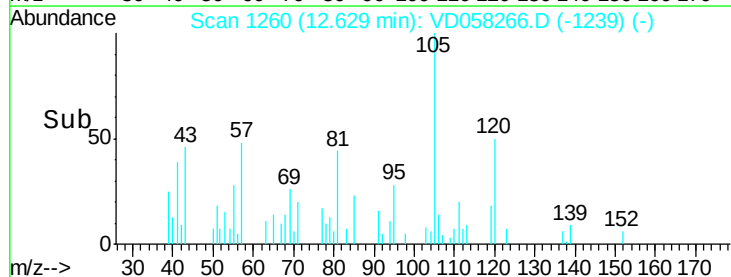
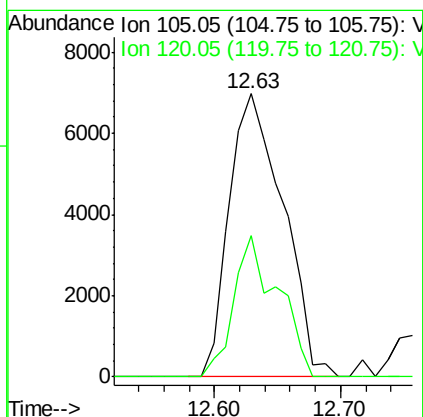
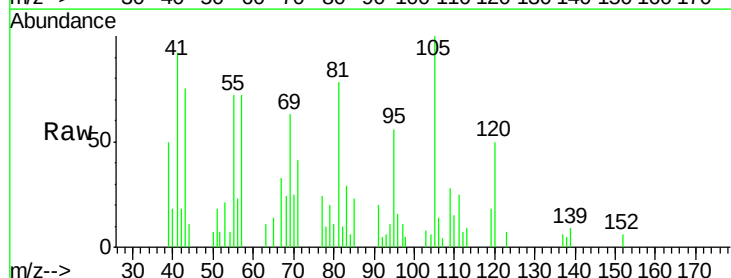
Instrument :
 MSVOA_D
 ClientSampleId :
 26KV-TP-7RE

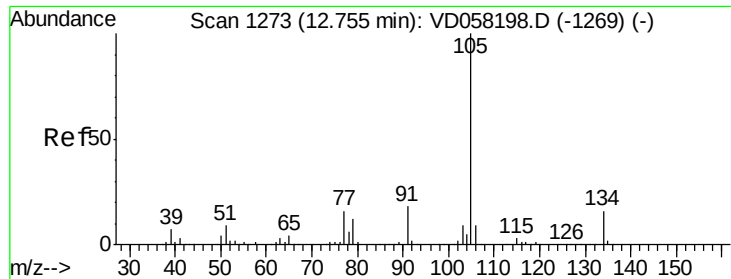
Tot Ion:119 Resp: 3916
 Ion Ratio Lower Upper
 119 100
 91 112.6 38.9 116.6
 134 0.0 11.2 33.5#



#84
 1,2,4-Trimethylbenzene
 Concen: 13.381 ug/l
 RT: 12.63 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VD058266.D
 Acq: 21 Jun 2018 21:43

Tgt Ion:105 Resp: 20652
 Ion Ratio Lower Upper
 105 100
 120 49.9 20.8 62.4





#85

sec-Butylbenzene

Concen: 1.780 ug/l

RT: 12.77 min Scan# 1274

Delta R.T. 0.01 min

Lab File: VD058266.D

Acq: 21 Jun 2018 21:43

Instrument :

MSVOA_D

ClientSampleId :

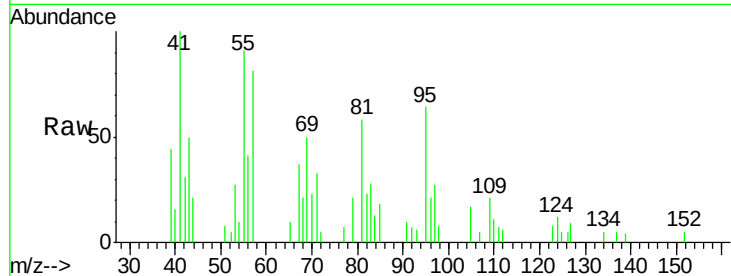
26KV-TP-7RE

Tot Ion:105 Resp: 3405

Ion Ratio Lower Upper

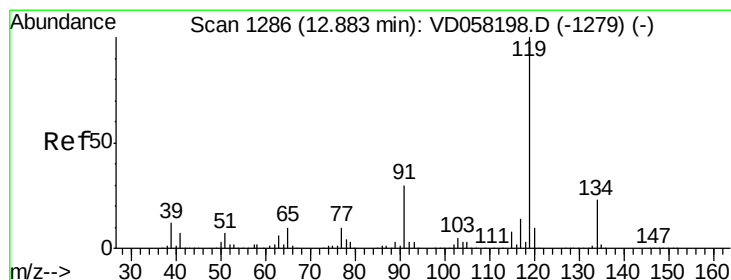
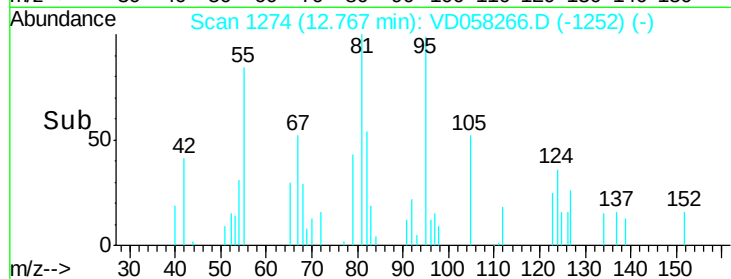
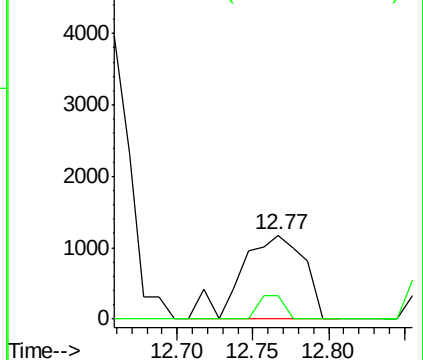
105 100

134 28.8 8.1 24.3#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 5.191 ug/l

RT: 12.89 min Scan# 1287

Delta R.T. 0.01 min

Lab File: VD058266.D

Acq: 21 Jun 2018 21:43

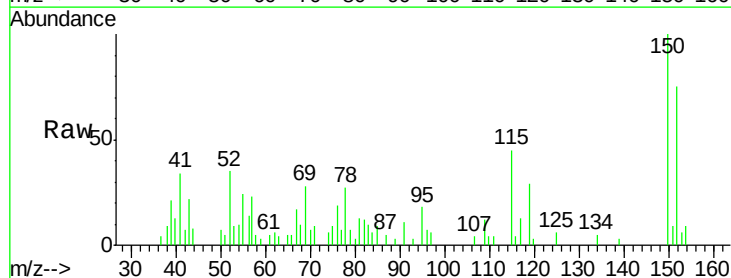
Tgt Ion:119 Resp: 8048

Ion Ratio Lower Upper

119 100

134 16.2 11.6 34.8

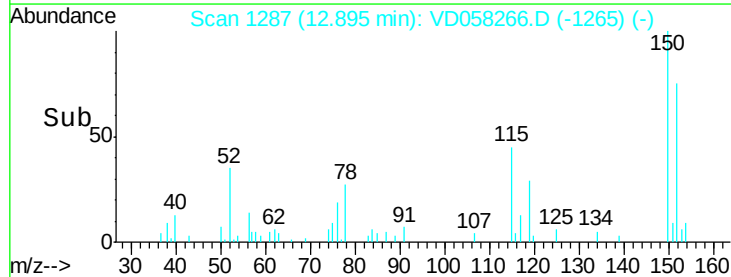
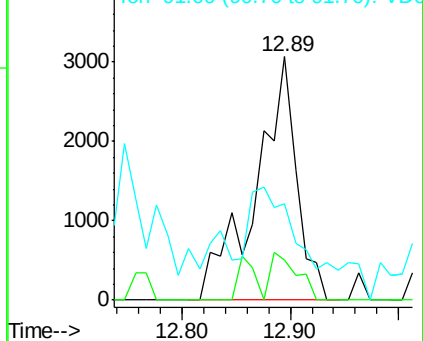
91 39.7 15.0 45.1

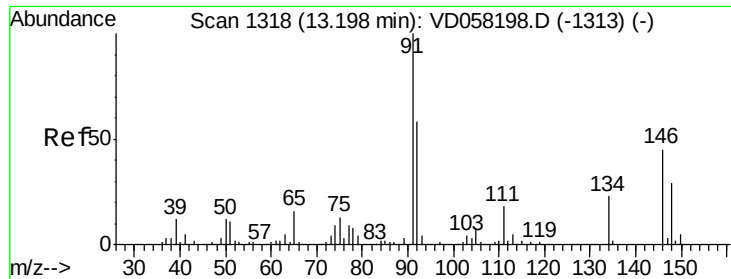


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 4.415 ug/l

RT: 13.20 min Scan# 1318

Delta R.T. 0.00 min

Lab File: VD058266.D

Acq: 21 Jun 2018 21:43

Instrument :

MSVOA_D

ClientSampleId :

26KV-TP-7RE

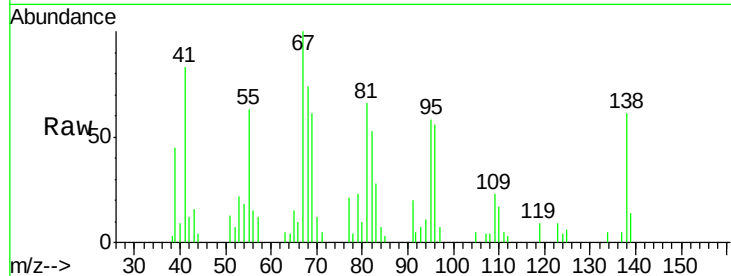
Tot Ion: 91 Resp: 7195

Ion Ratio Lower Upper

91 100

92 22.7 29.2 87.6#

134 27.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.10 (133.80 to 134.80): V

