

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121418\
 Data File : VD060576.D
 Acq On : 14 Dec 2018 16:33
 Operator : VA/AP
 Sample : J6403-21
 Misc : 4.64g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 14 22:23:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	31111	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.42	114	54347	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	42803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	17240	50.00	ug/l	-0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.76	65	31582	143.22	ug/l	-0.03
Spiked Amount						
						Recovery = 286.44%
35) Dibromofluoromethane	6.31	113	27915	69.93	ug/l	-0.02
Spiked Amount						
						Recovery = 139.86%
50) Toluene-d8	9.44	98	50945	44.10	ug/l	-0.02
Spiked Amount						
						Recovery = 88.20%
62) 4-Bromofluorobenzene	12.41	95	18318	44.32	ug/l	-0.02
Spiked Amount						
						Recovery = 88.64%

Target Compounds

						Qvalue
3) Chloromethane	1.77	50	670	2.096	ug/l #	43
5) Bromomethane	2.20	94	767	12.018	ug/l #	4
14) Allyl chloride	3.58	41	2162	7.328	ug/l #	61
16) Acetone	3.15	43	22542	637.744	ug/l #	87
18) Methyl Acetate	3.54	43	3202	38.116	ug/l #	64
20) Methylene Chloride	3.71	84	3061	5.446	ug/l	87
25) 2-Butanone	5.60	43	4241	60.986	ug/l #	59
31) Cyclohexane	6.38	56	399	Below Cal	#	39
36) 1,1-Dichloropropene	6.39	75	1384	2.605	ug/l #	41
37) Ethyl Acetate	5.60	43	4241	18.408	ug/l #	68
38) Carbon Tetrachloride	6.39	117	1590	3.334	ug/l #	12
40) Benzene	6.78	78	8927	6.575	ug/l #	89
52) Toluene	9.53	92	9464	11.153	ug/l	100
67) Ethyl Benzene	11.42	91	85232	55.182	ug/l	94
68) m/p-Xylenes	11.56	106	12278	21.487	ug/l	77
69) o-Xylene	11.92	106	26075	47.882	ug/l	79
70) Styrene	11.94	104	7513	8.595	ug/l #	90
73) Isopropylbenzene	12.27	105	42795	35.079	ug/l	96
74) N-amyl acetate	12.19	43	1703	5.776	ug/l #	28
75) 1,1,2,2-Tetrachloroethane	12.57	83	1023	5.238	ug/l #	24
76) 1,2,3-Trichloropropane	12.73	75	1628	8.334	ug/l #	1
78) n-propylbenzene	12.63	91	10634	6.896	ug/l	95
79) 2-Chlorotoluene	12.73	91	33617	40.172	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.78	105	173095	185.685	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.41	75	7004	128.558	ug/l #	14
82) 4-Chlorotoluene	12.78	91	19417	20.659	ug/l #	39
83) tert-Butylbenzene	13.08	119	75166	71.915	ug/l #	72
84) 1,2,4-Trimethylbenzene	13.08	105	646770	670.064	ug/l	99
85) sec-Butylbenzene	13.08	105	643613	494.051	ug/l #	63
86) p-Isopropyltoluene	13.33	119	112050	108.504	ug/l	96
89) n-Butylbenzene	13.61	91	114845	Below Cal	#	1
90) Hexachloroethane	13.84	117	46851	180.947	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	14.21	75	5966	252.102	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.77	180	690	1.860	ug/l #	1

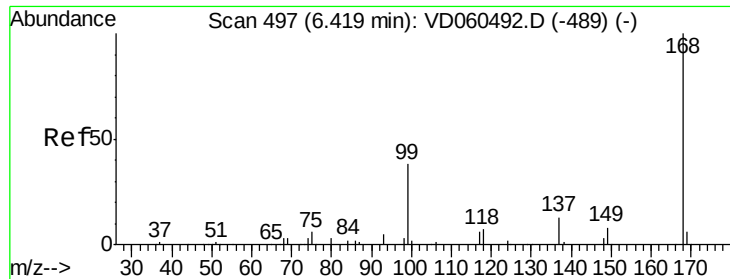
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121418\
Data File : VD060576.D
Acq On : 14 Dec 2018 16:33
Operator : VA/AP
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	14.96	128	8305120	18820.999	ug/l	98
96) 1,2,3-Trichlorobenzene	15.11	180	3218	10.888	ug/l #	1

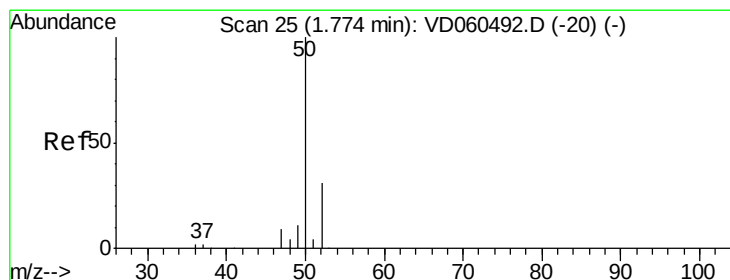
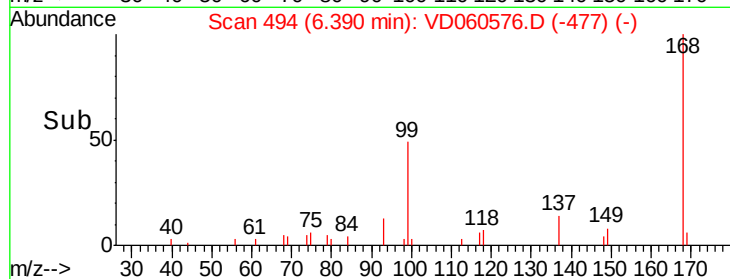
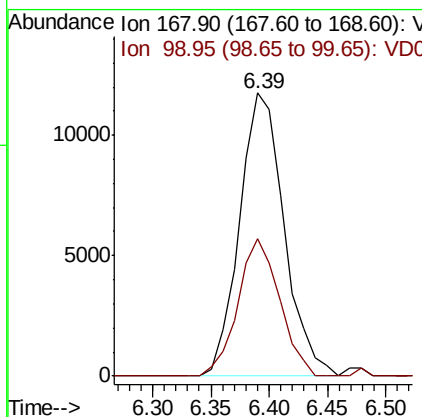
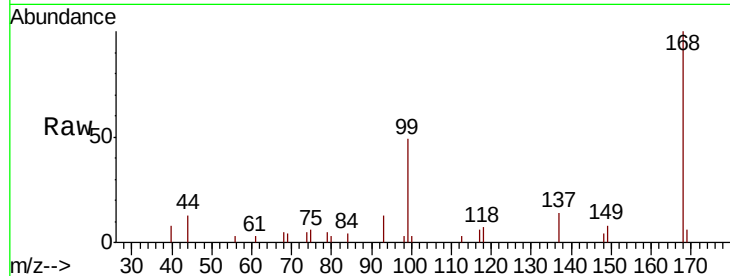
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.39 min Scan# 494
Delta R.T. -0.03 min
Lab File: VD060576.D
Acq: 14 Dec 2018 16:33

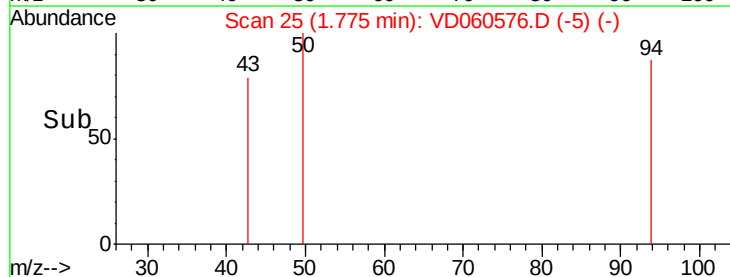
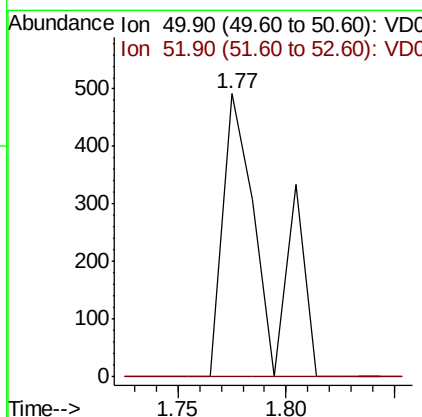
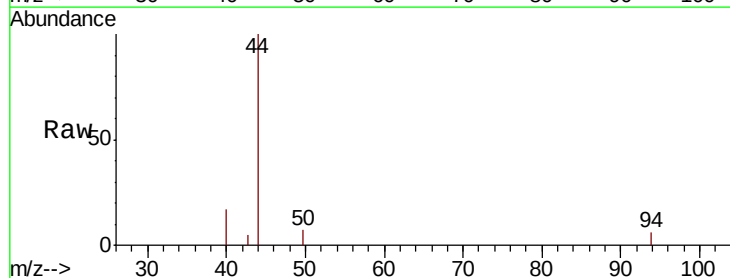
Instrument :
MSVOA_D
ClientSampleId :

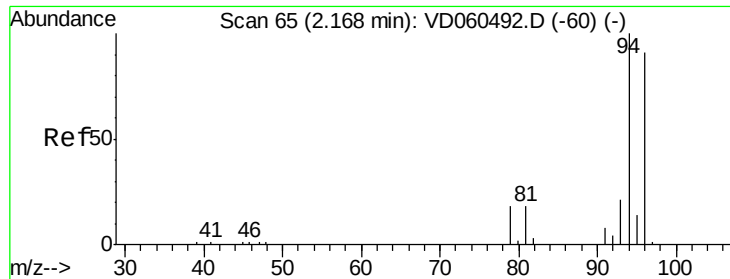
Tot Ion:168 Resp: 31111
Ion Ratio Lower Upper
168 100
99 48.6 35.6 53.4



#3
Chloromethane
Concen: 2.096 ug/l
RT: 1.77 min Scan# 25
Delta R.T. 0.00 min
Lab File: VD060576.D
Acq: 14 Dec 2018 16:33

Tgt Ion: 50 Resp: 670
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#





#5

Bromomethane

Concen: 12.018 ug/l

RT: 2.20 min Scan# 68

Delta R.T. 0.03 min

Lab File: VD060576.D

Acq: 14 Dec 2018 16:33

Instrument :

MSVOA_D

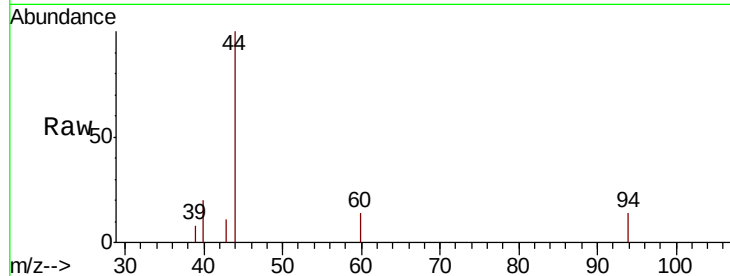
ClientSampleId :

Tot Ion: 94 Resp: 767

Ion Ratio Lower Upper

94 100

96 0.0 72.6 108.8#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.20

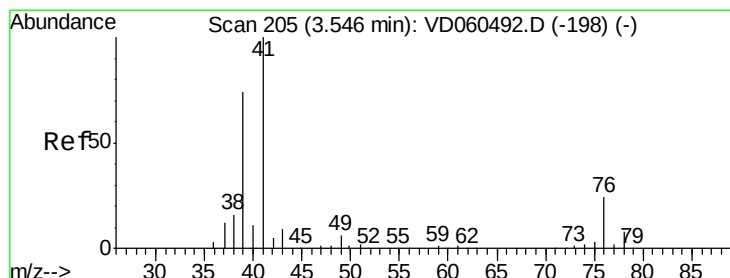
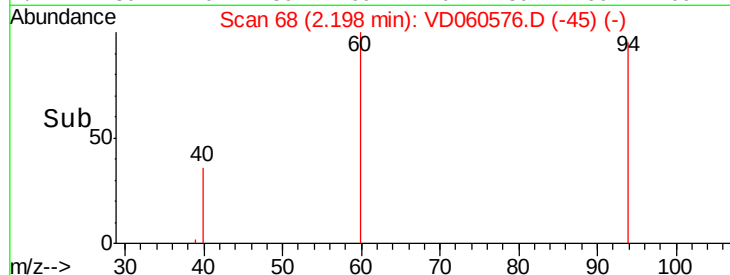
600

400

200

0

Time-->



#14

Allyl chloride

Concen: 7.328 ug/l

RT: 3.58 min Scan# 208

Delta R.T. 0.03 min

Lab File: VD060576.D

Acq: 14 Dec 2018 16:33

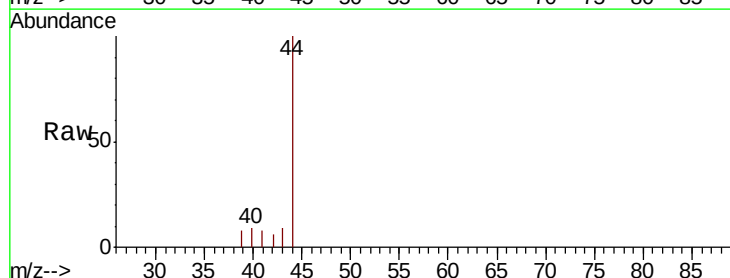
Tgt Ion: 41 Resp: 2162

Ion Ratio Lower Upper

41 100

39 103.4 59.3 88.9#

76 0.0 21.0 31.6#



Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC

1000

800

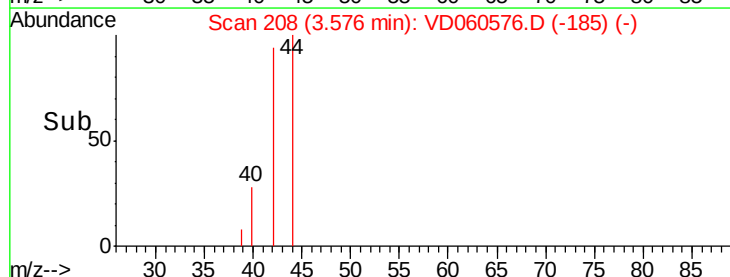
600

400

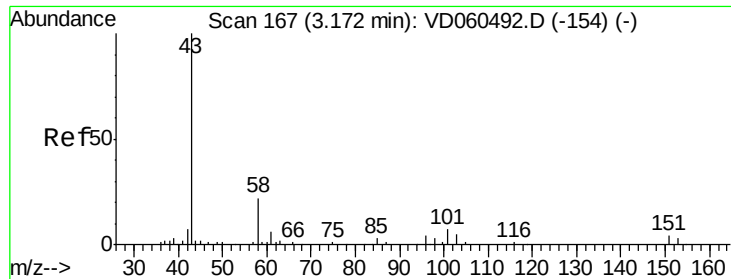
200

0

Time-->



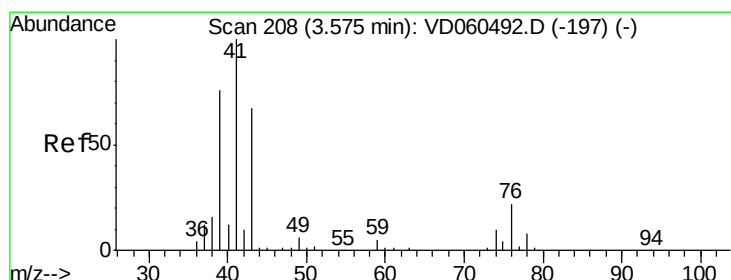
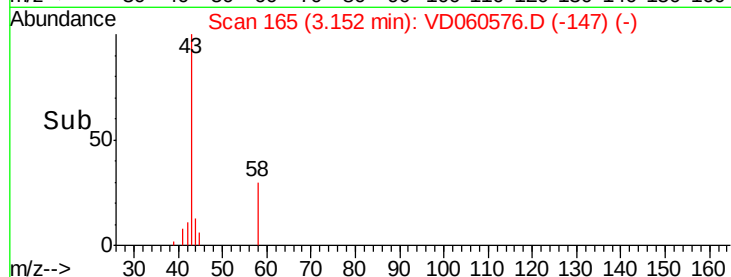
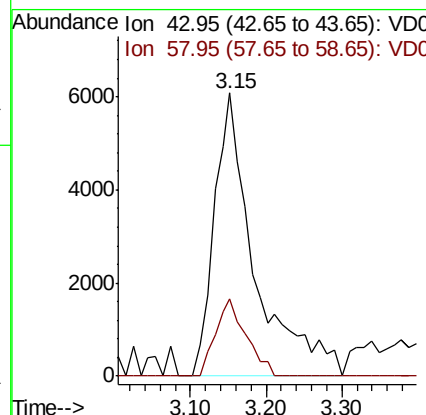
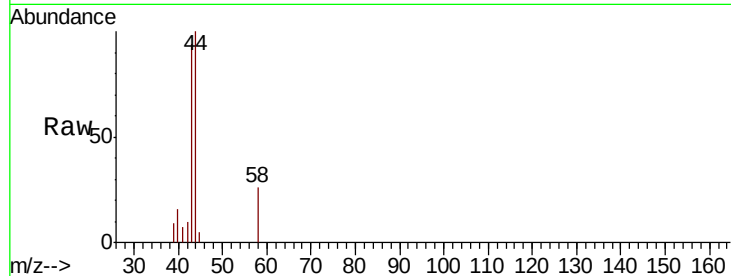
Time-->



#16
Acetone
Concen: 637.744 ug/l
RT: 3.15 min Scan# 165
Delta R.T. -0.02 min
Lab File: VD060576.D
Acq: 14 Dec 2018 16:33

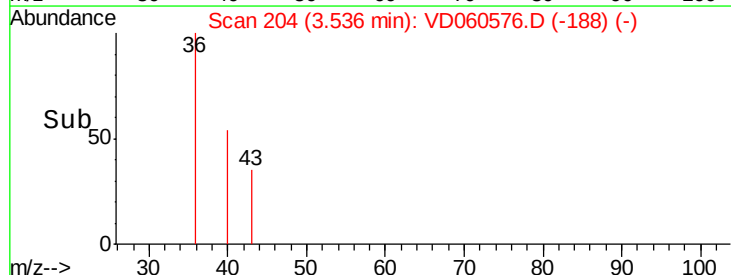
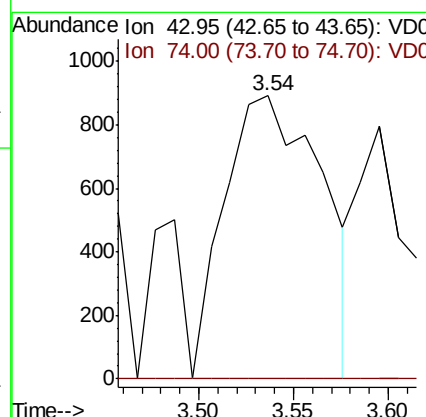
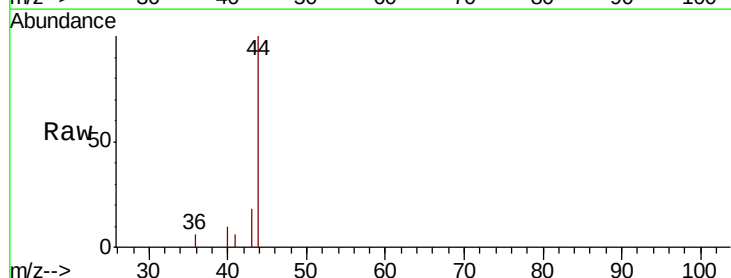
Instrument :
MSVOA_D
ClientSampleId :

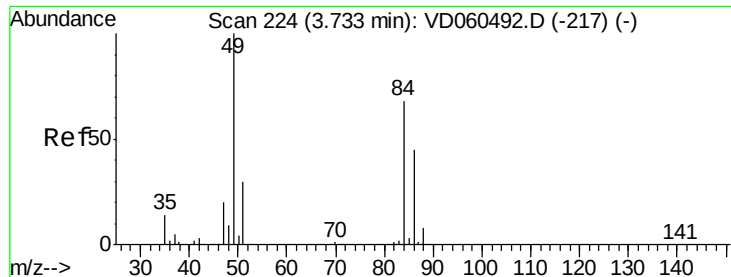
Tot Ion: 43 Resp: 22542
Ion Ratio Lower Upper
43 100
58 27.5 17.3 25.9#



#18
Methyl Acetate
Concen: 38.116 ug/l
RT: 3.54 min Scan# 204
Delta R.T. -0.04 min
Lab File: VD060576.D
Acq: 14 Dec 2018 16:33

Tgt Ion: 43 Resp: 3202
Ion Ratio Lower Upper
43 100
74 0.0 12.0 18.0#

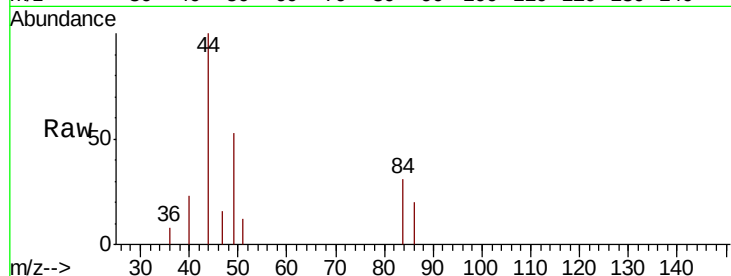




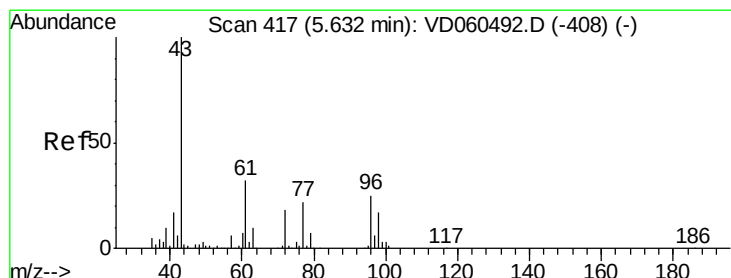
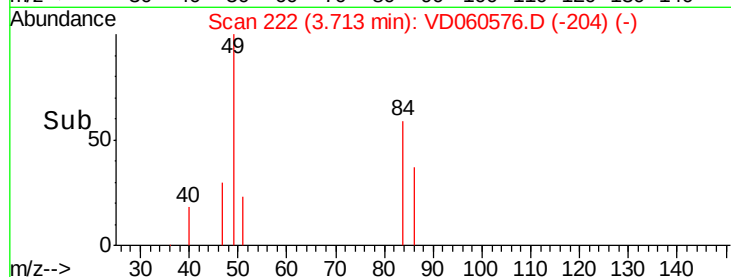
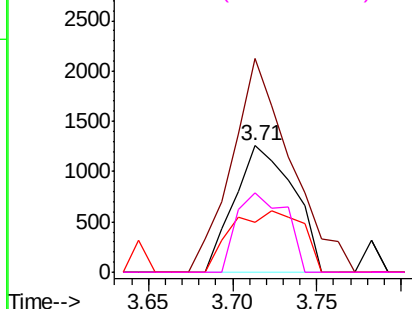
#20
Methvlene Chloride
Concen: 5.446 ug/l
RT: 3.71 min Scan# 222
Delta R.T. -0.02 min
Lab File: VD060576.D
Acq: 14 Dec 2018 16:33

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	84	Resp:	3061
Ion	Ratio	Lower	Upper
84	100		
49	169.2	117.2	175.8
51	39.4	35.3	52.9
86	62.6	53.2	79.8

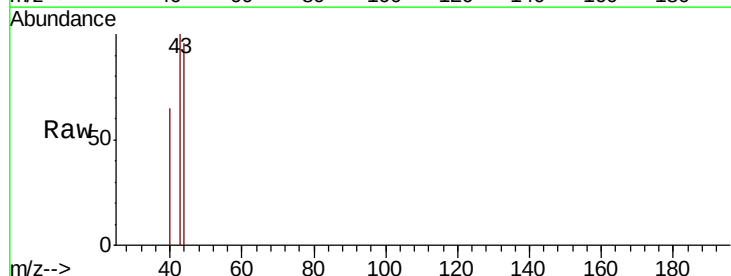


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

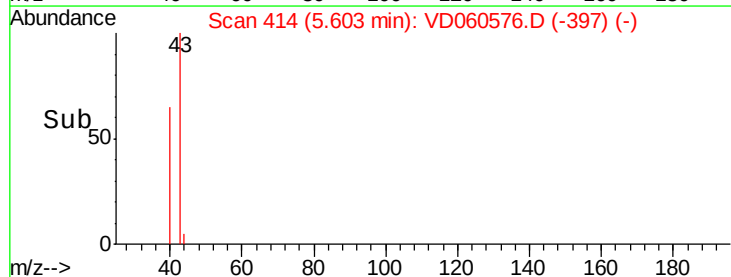
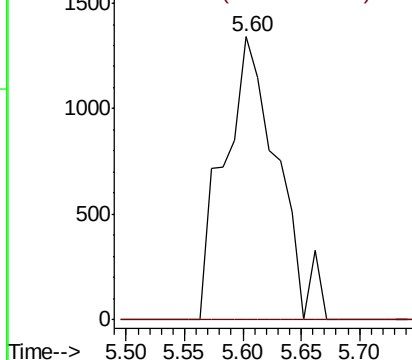


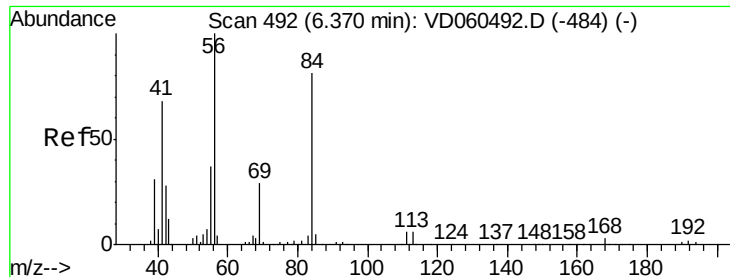
#25
2-Butanone
Concen: 60.986 ug/l
RT: 5.60 min Scan# 414
Delta R.T. -0.03 min
Lab File: VD060576.D
Acq: 14 Dec 2018 16:33

Tgt Ion:	43	Resp:	4241
Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.6	21.8#



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





#31

Cyclohexane

Concen: Below Cal

RT: 6.38 min Scan# 493

Delta R.T. 0.01 min

Lab File: VD060576.D

Acq: 14 Dec 2018 16:33

Instrument :

MSVOA_D

ClientSampled :

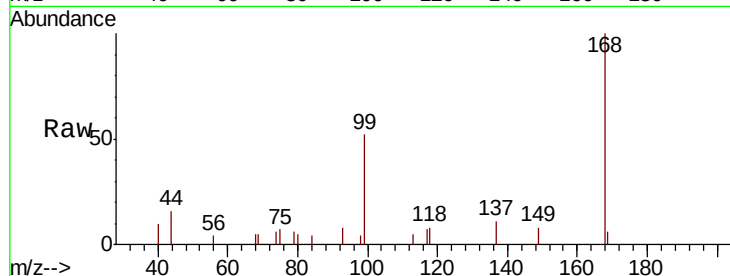
Tot Ion: 56 Resp: 399

Ion Ratio Lower Upper

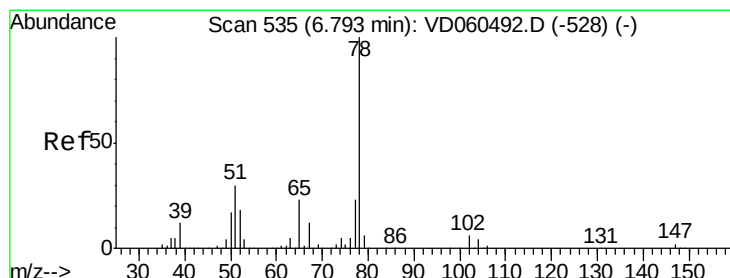
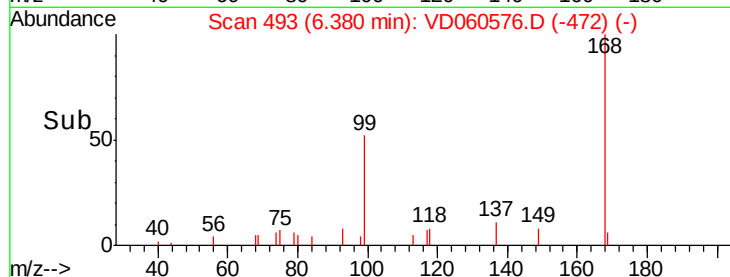
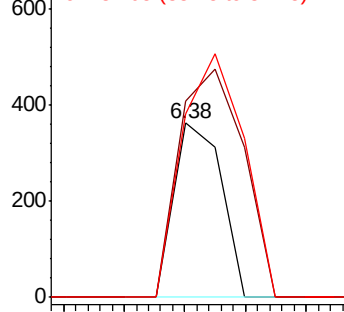
56 100

69 112.9 22.8 34.2#

84 105.5 65.1 97.7#



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: 6.76 min Scan# 532

Delta R.T. -0.03 min

Lab File: VD060576.D

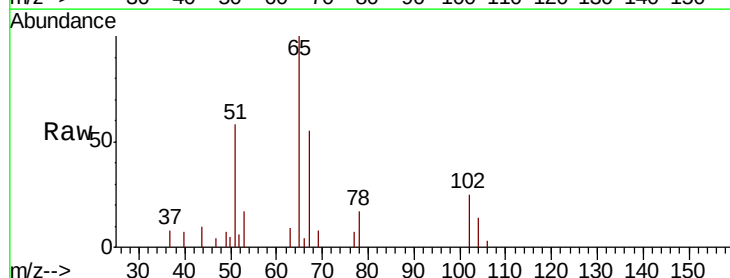
Acq: 14 Dec 2018 16:33

Tgt Ion: 65 Resp: 31582

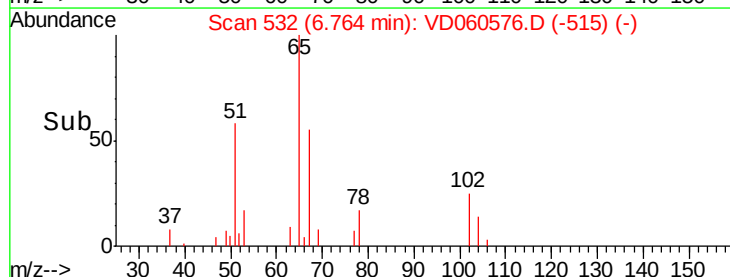
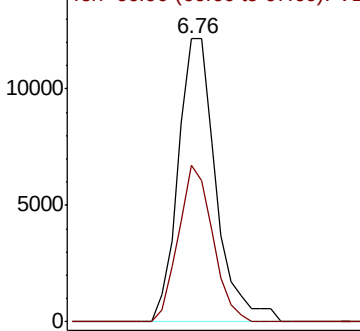
Ion Ratio Lower Upper

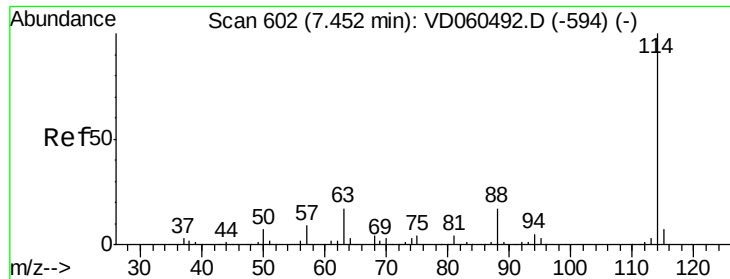
65 100

67 55.2 0.0 106.8



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: 7.42 min Scan# 599

Delta R.T. -0.03 min

Lab File: VD060576.D

Acq: 14 Dec 2018 16:33

Instrument :

MSVOA_D

ClientSampleId :

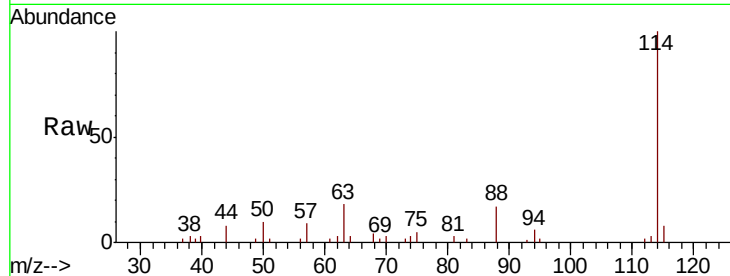
Tot Ion:114 Resp: 54347

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.2

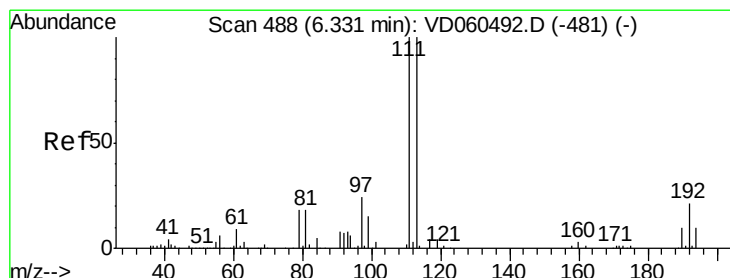
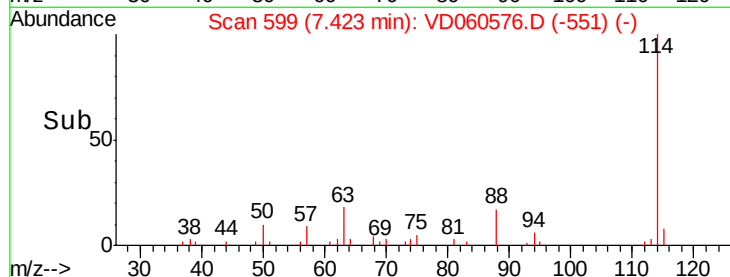
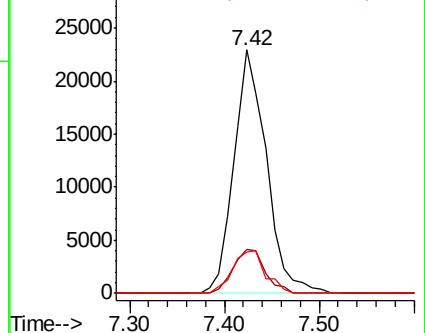
88 17.2 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.31 min Scan# 486

Delta R.T. -0.02 min

Lab File: VD060576.D

Acq: 14 Dec 2018 16:33

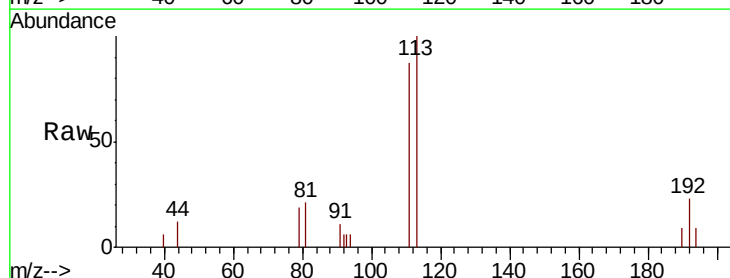
Tgt Ion:113 Resp: 27915

Ion Ratio Lower Upper

113 100

111 87.3 80.2 120.4

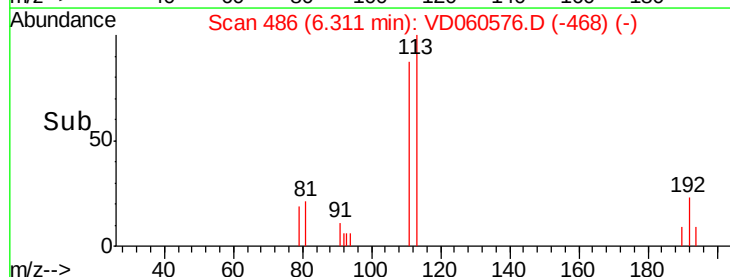
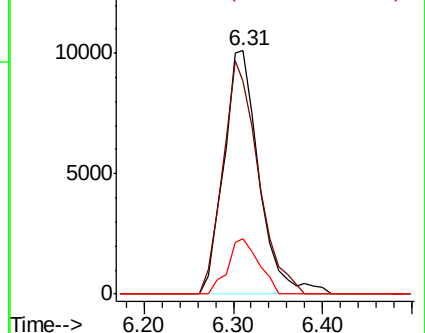
192 22.5 16.6 24.8

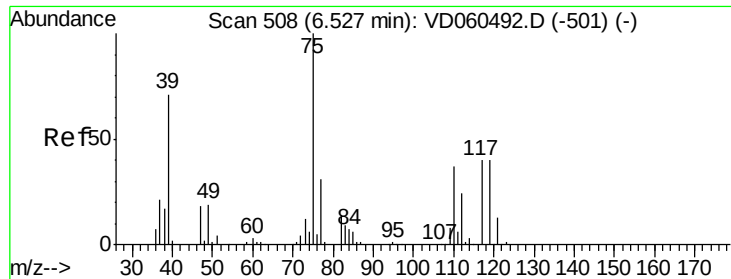


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

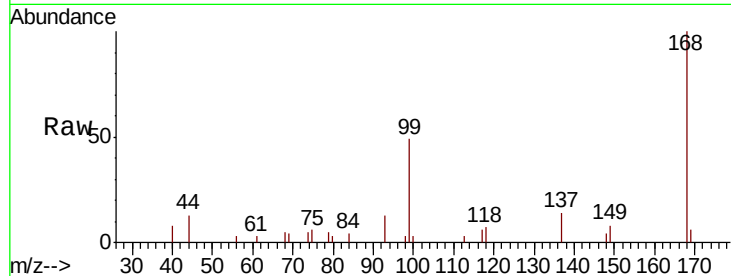




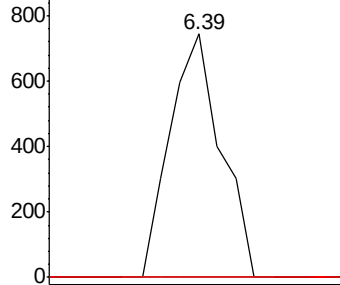
#36
 1,1-Dichloropropene
 Concen: 2.605 ug/l
 RT: 6.39 min Scan# 494
 Delta R.T. -0.14 min
 Lab File: VD060576.D
 Acq: 14 Dec 2018 16:33

Instrument :
 MSVOA_D
 ClientSampled :

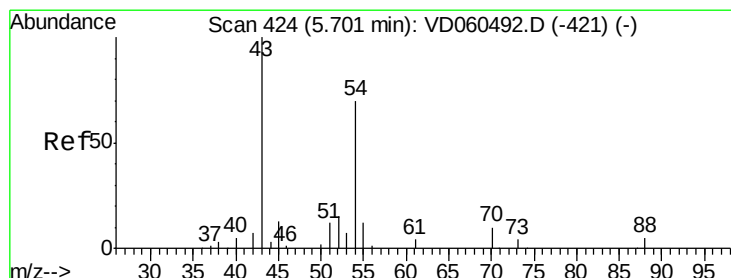
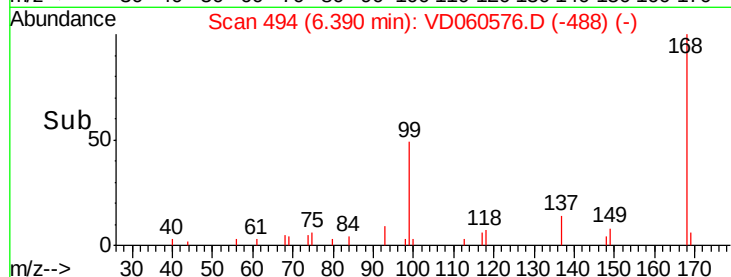
Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.3	54.8#
77	0.0	24.6	37.0#



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

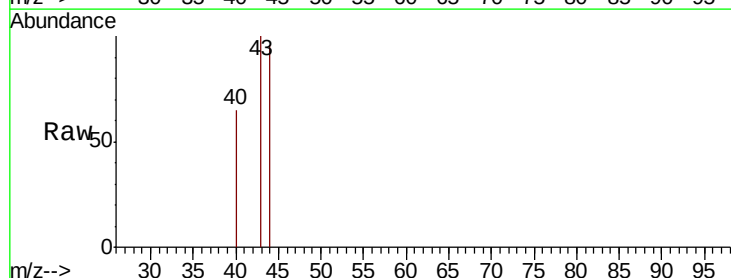


Time-->

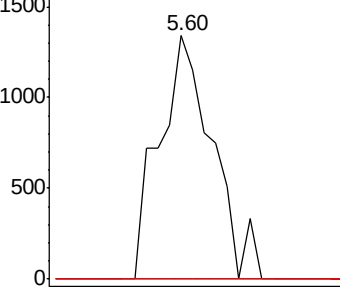


#37
 Ethyl Acetate
 Concen: 18.408 ug/l
 RT: 5.60 min Scan# 414
 Delta R.T. -0.10 min
 Lab File: VD060576.D
 Acq: 14 Dec 2018 16:33

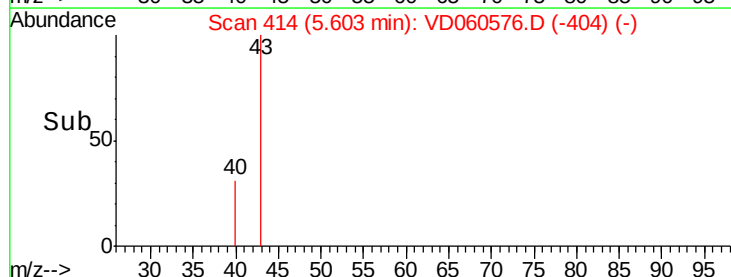
Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.4	18.6#
70	0.0	5.4	8.0#

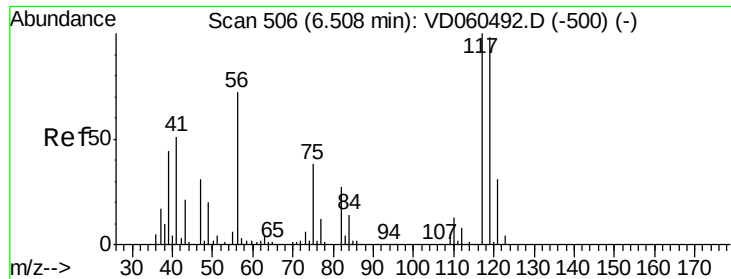


Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 70.00 (69.70 to 70.70): VDC



Time-->





#38

Carbon Tetrachloride

Concen: 3.334 ug/l

RT: 6.39 min Scan# 494

Delta R.T. -0.12 min

Lab File: VD060576.D

Acq: 14 Dec 2018 16:33

Instrument :

MSVOA_D

ClientSampleId :

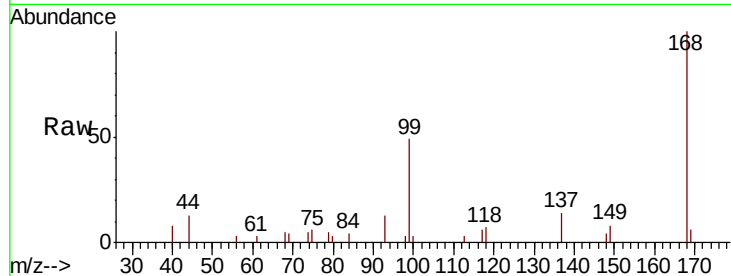
Tot Ion:117 Resp: 1590

Ion Ratio Lower Upper

117 100

119 0.0 76.8 115.2#

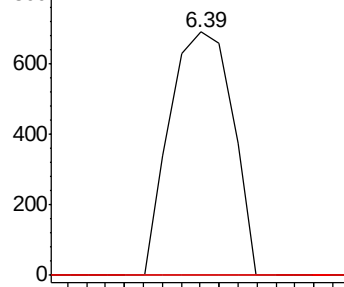
121 0.0 24.4 36.6#



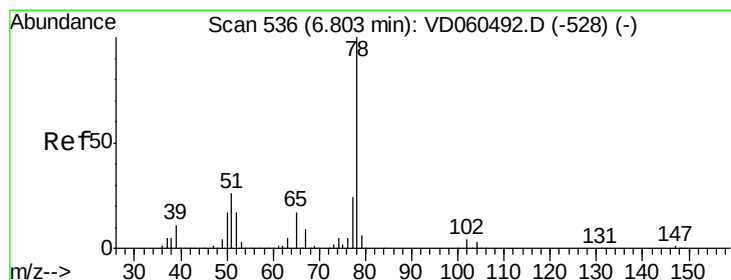
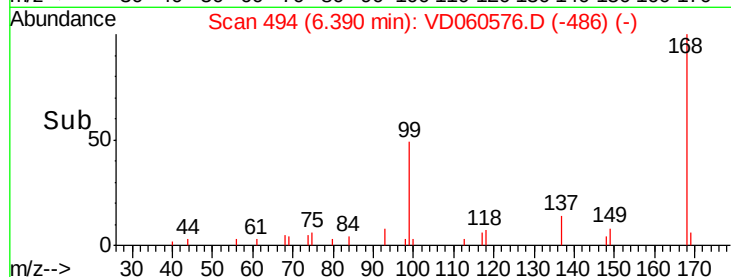
Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



Time-->



#40

Benzene

Concen: 6.575 ug/l

RT: 6.78 min Scan# 534

Delta R.T. -0.02 min

Lab File: VD060576.D

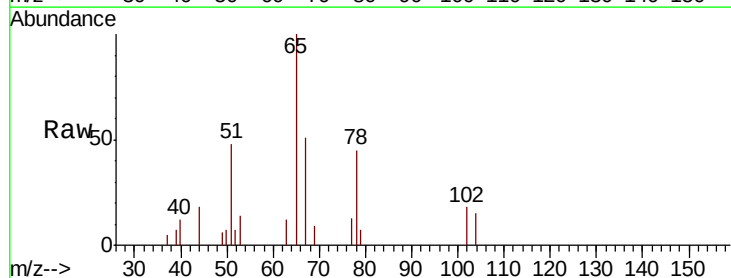
Acq: 14 Dec 2018 16:33

Tgt Ion: 78 Resp: 8927

Ion Ratio Lower Upper

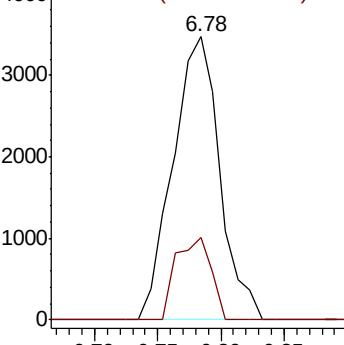
78 100

77 29.1 18.9 28.3#

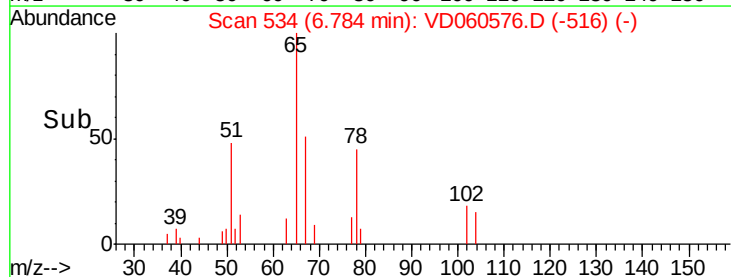


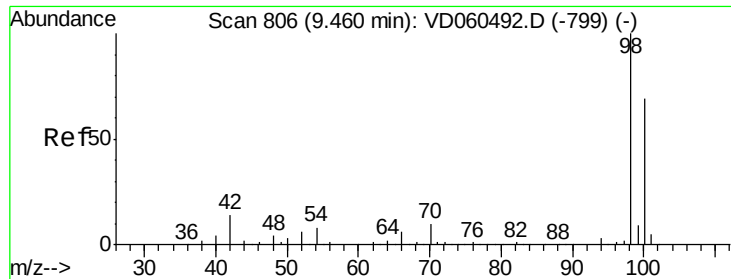
Abundance Ion 77.95 (77.65 to 78.65): V

Ion 76.95 (76.65 to 77.65): V



Time-->

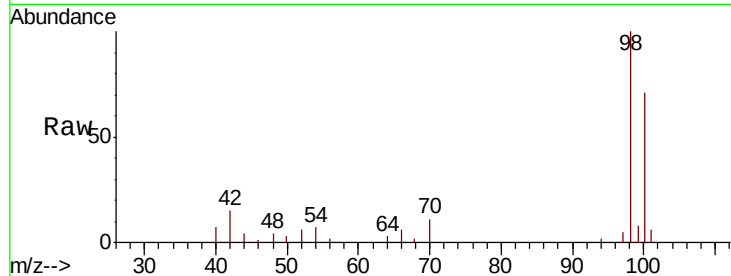




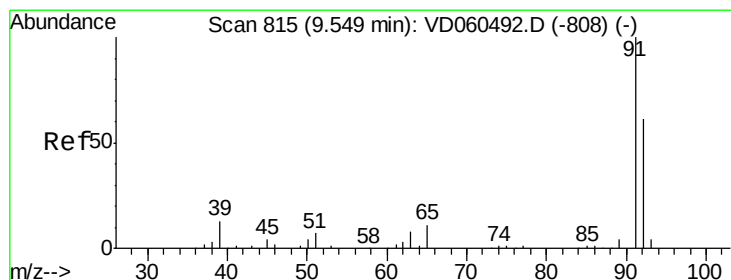
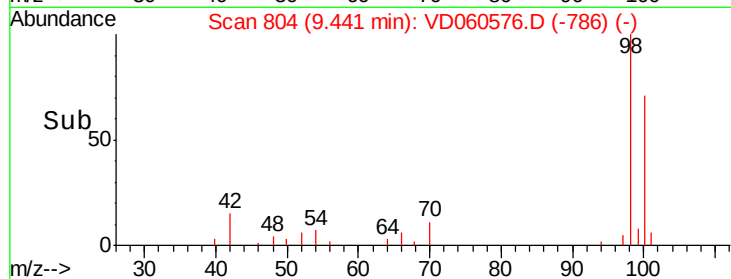
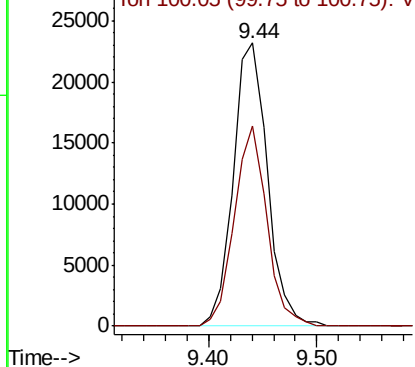
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 804
Delta R.T. -0.02 min
Lab File: VD060576.D
Acq: 14 Dec 2018 16:33

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 50945
Ion Ratio Lower Upper
98 100
100 70.7 55.7 83.5

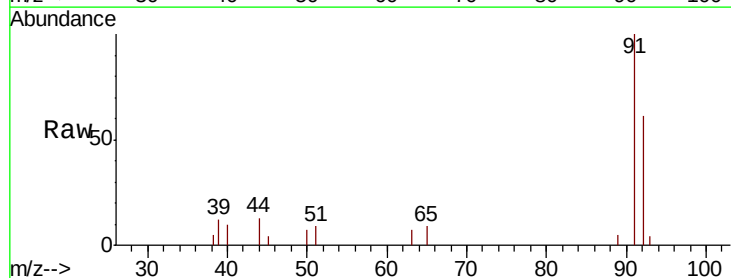


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

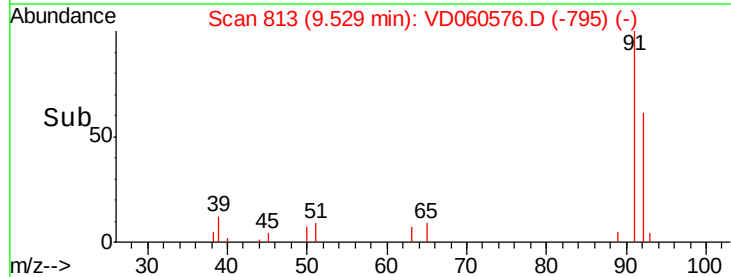
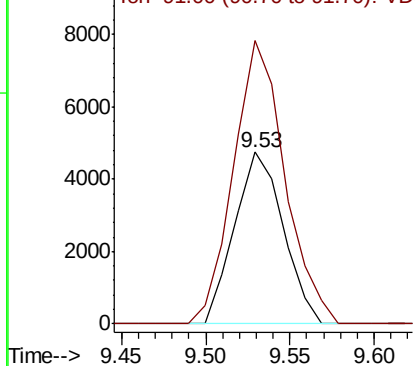


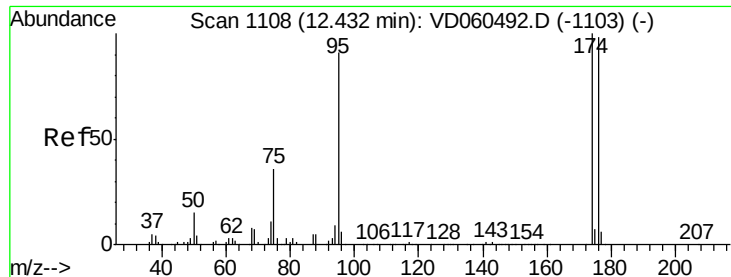
#52
Toluene
Concen: 11.153 ug/l
RT: 9.53 min Scan# 813
Delta R.T. -0.02 min
Lab File: VD060576.D
Acq: 14 Dec 2018 16:33

Tgt Ion: 92 Resp: 9464
Ion Ratio Lower Upper
92 100
91 164.9 131.7 197.5



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

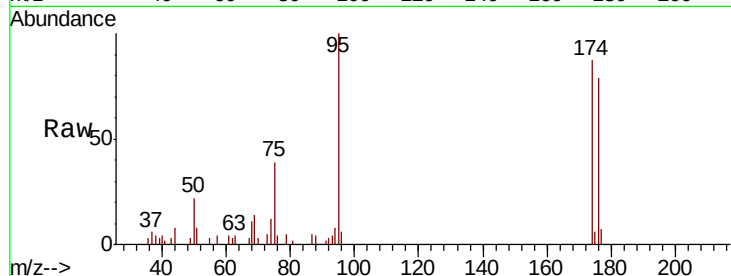




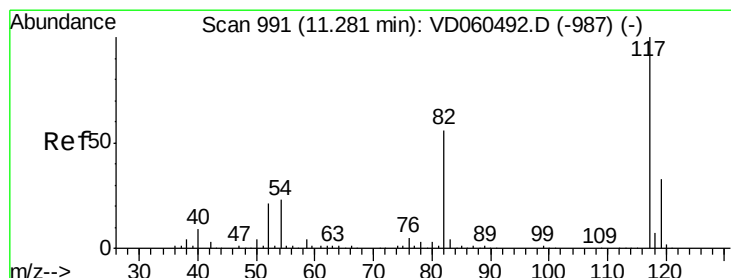
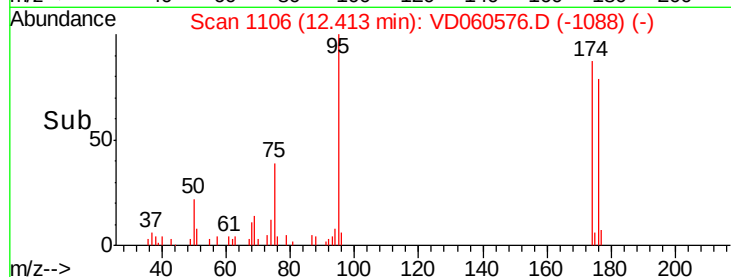
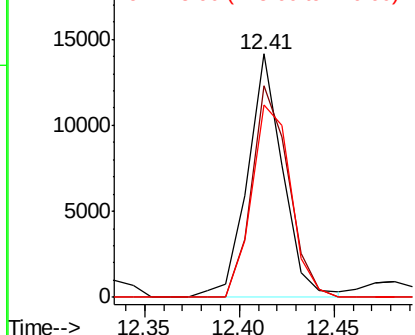
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.41 min Scan# 1106
Delta R.T. -0.02 min
Lab File: VD060576.D
Acq: 14 Dec 2018 16:33

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 95 Resp: 18318
Ion Ratio Lower Upper
95 100
174 86.7 0.0 219.4
176 78.9 0.0 214.6

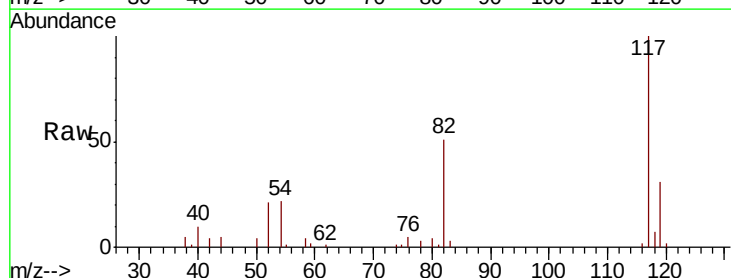


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

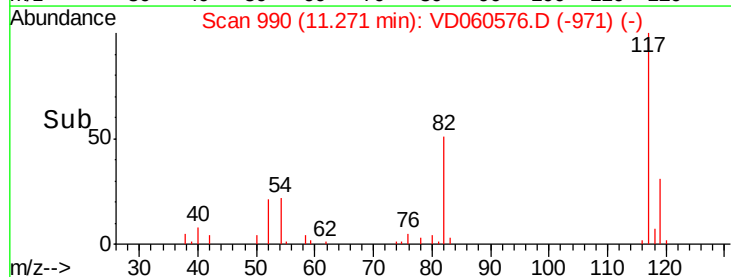
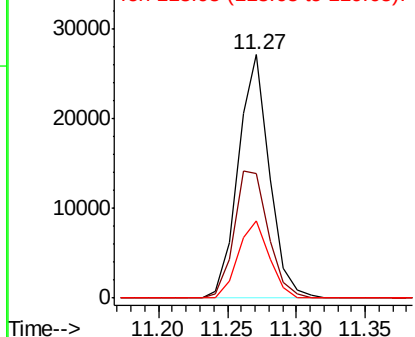


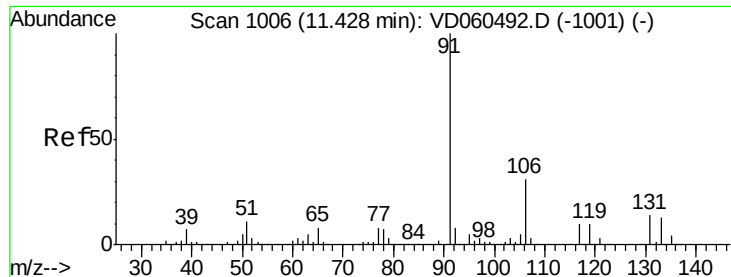
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 990
Delta R.T. -0.01 min
Lab File: VD060576.D
Acq: 14 Dec 2018 16:33

Tgt Ion: 117 Resp: 42803
Ion Ratio Lower Upper
117 100
82 51.0 45.2 67.8
119 31.5 26.1 39.1



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





#67

Ethyl Benzene

Concen: 55.182 ug/l

RT: 11.42 min Scan# 1005

Delta R.T. -0.01 min

Lab File: VD060576.D

Acq: 14 Dec 2018 16:33

Instrument :

MSVOA_D

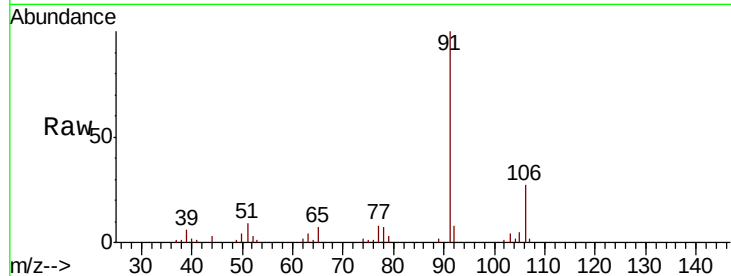
ClientSampled :

Tot Ion: 91 Resp: 85232

Ion Ratio Lower Upper

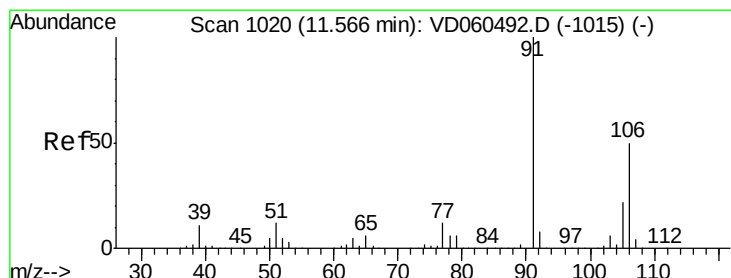
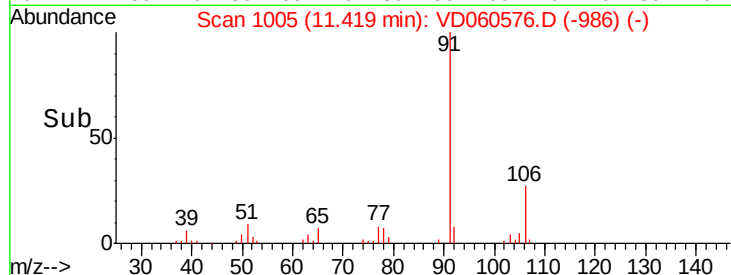
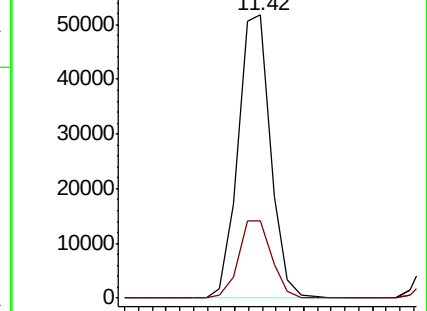
91 100

106 27.4 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.05 (105.75 to 106.75): VDC



#68

m/p-Xylenes

Concen: 21.487 ug/l

RT: 11.56 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD060576.D

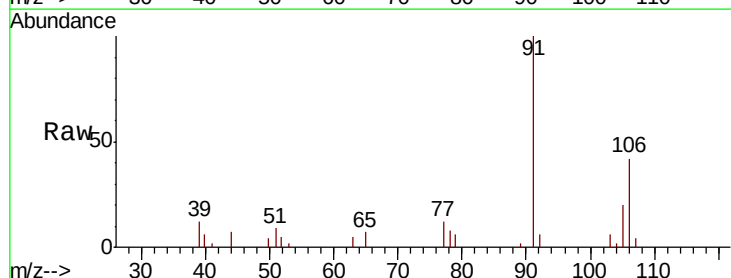
Acq: 14 Dec 2018 16:33

Tgt Ion: 106 Resp: 12278

Ion Ratio Lower Upper

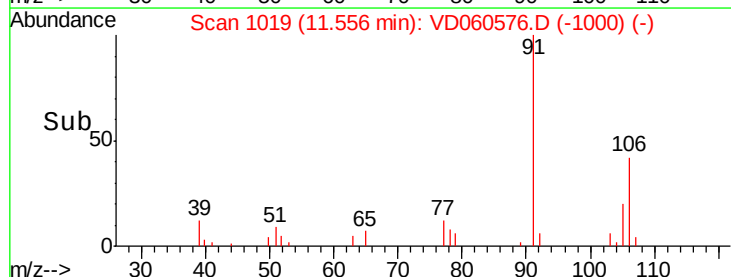
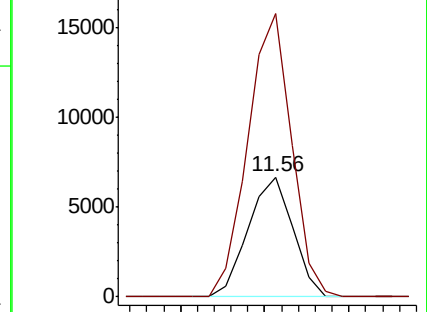
106 100

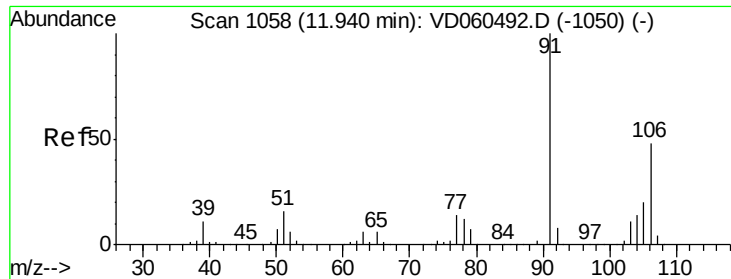
91 235.6 160.5 240.7



Abundance Ion 106.05 (105.75 to 106.75): VDC

Ion 91.00 (90.70 to 91.70): VDC

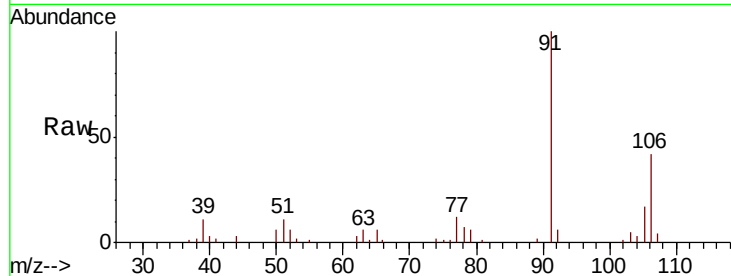




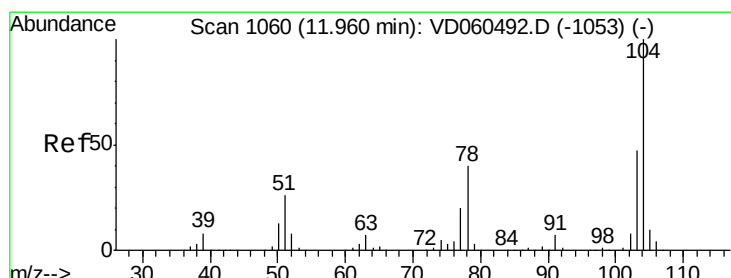
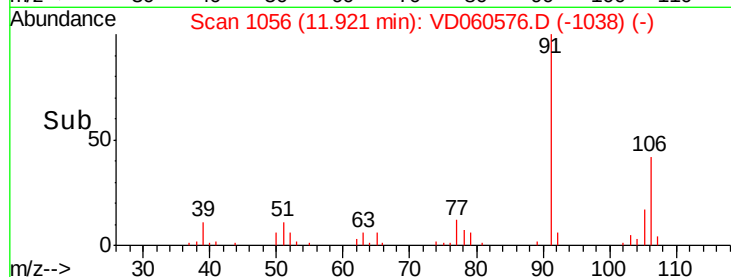
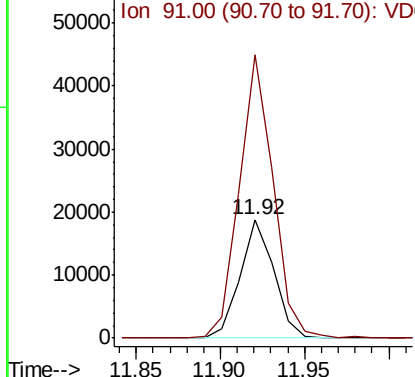
#69
o-Xylene
Concen: 47.882 ug/l
RT: 11.92 min Scan# 1056
Delta R.T. -0.02 min
Lab File: VD060576.D
Acq: 14 Dec 2018 16:33

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:106 Resp: 26075
Ion Ratio Lower Upper
106 100
91 238.6 103.4 310.1

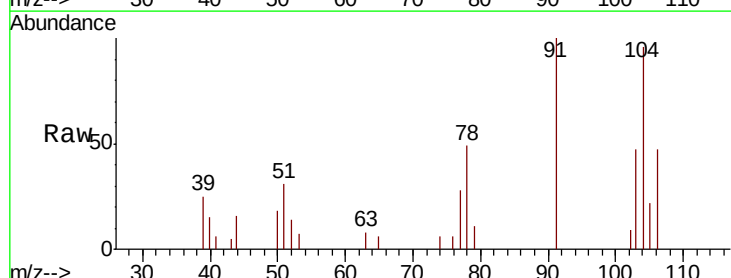


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

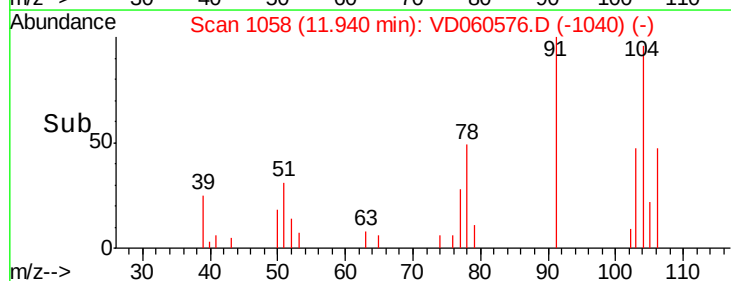
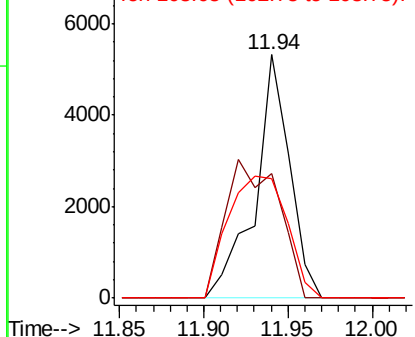


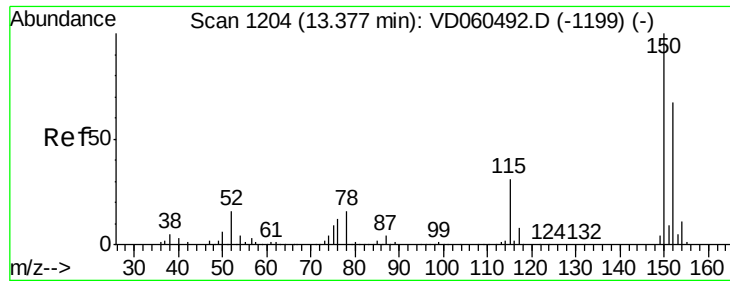
#70
Styrene
Concen: 8.595 ug/l
RT: 11.94 min Scan# 1058
Delta R.T. -0.02 min
Lab File: VD060576.D
Acq: 14 Dec 2018 16:33

Tgt Ion:104 Resp: 7513
Ion Ratio Lower Upper
104 100
78 51.1 32.1 48.1#
103 49.2 37.2 55.8



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): V
Ion 103.05 (102.75 to 103.75): V



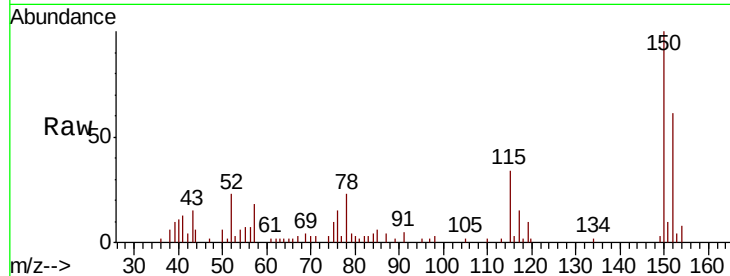


#72

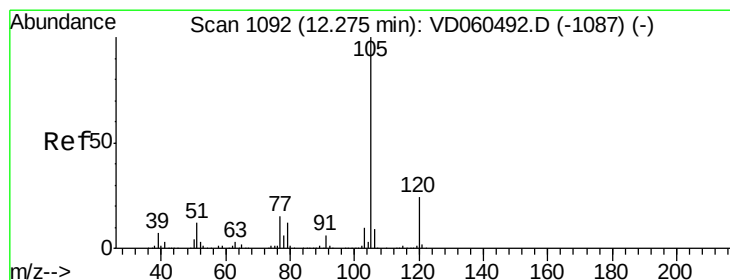
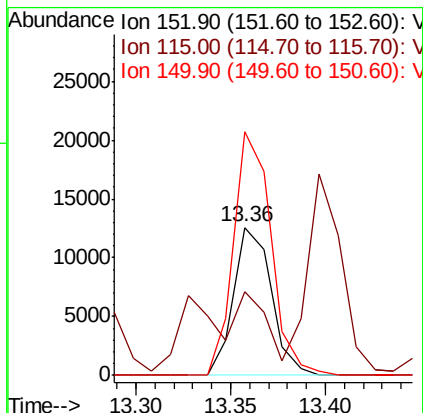
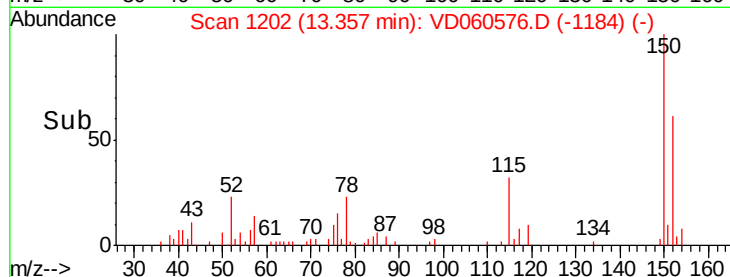
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1202
Delta R.T. -0.02 min
Lab File: VD060576.D
Acq: 14 Dec 2018 16:33

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:152 Resp: 17240
Ion Ratio Lower Upper
152 100
115 56.6 24.6 74.0
150 164.4 0.0 309.0



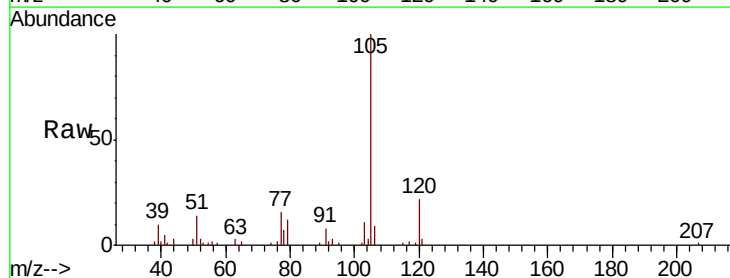
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



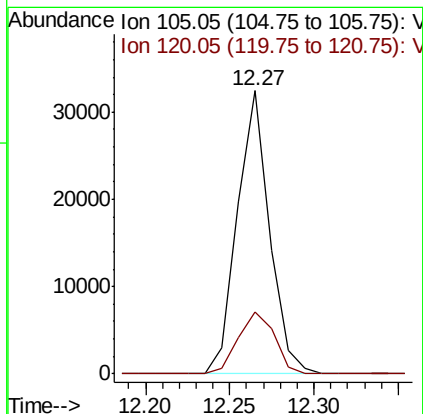
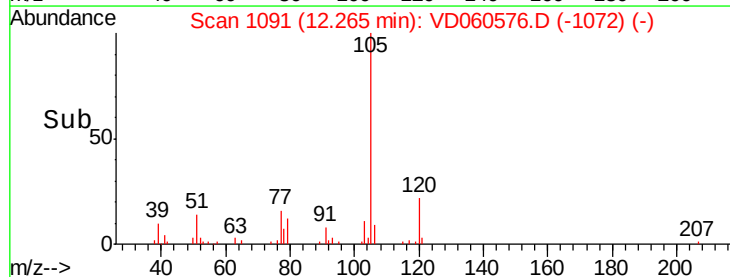
#73

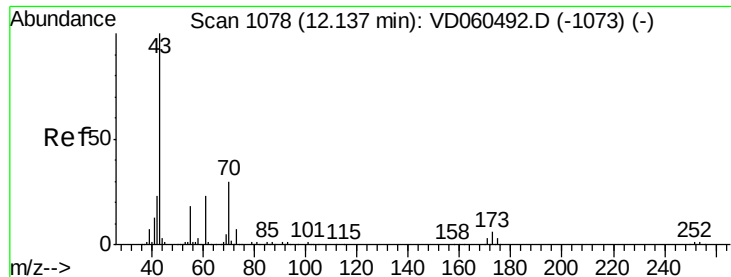
Isopropylbenzene
Concen: 35.079 ug/l
RT: 12.27 min Scan# 1091
Delta R.T. -0.01 min
Lab File: VD060576.D
Acq: 14 Dec 2018 16:33

Tgt Ion:105 Resp: 42795
Ion Ratio Lower Upper
105 100
120 21.8 11.9 35.9



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





#74

N-amvl acetate

Concen: 5.776 ug/l

RT: 12.19 min Scan# 1083

Delta R.T. 0.05 min

Lab File: VD060576.D

Acq: 14 Dec 2018 16:33

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 43 Resp: 1703

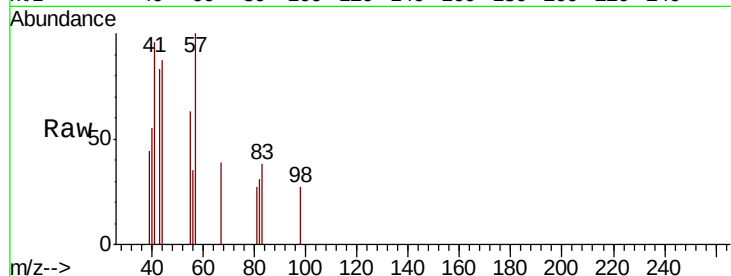
Ion Ratio Lower Upper

43 100

70 0.0 23.8 35.8#

55 76.0 14.2 21.2#

61 0.0 18.1 27.1#

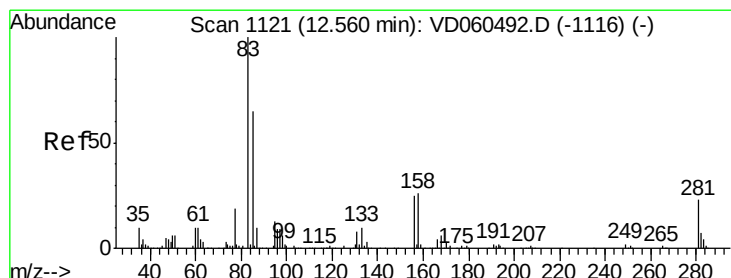
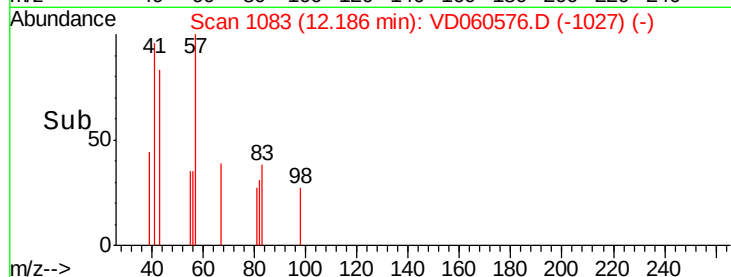
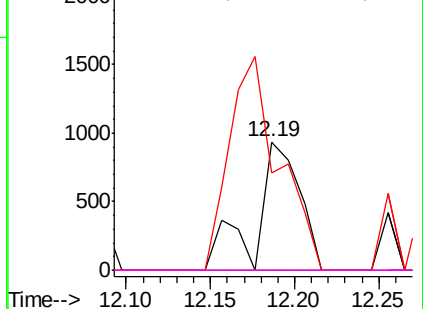


Abundance Ion 42.95 (42.65 to 43.65): VDC

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: 5.238 ug/l

RT: 12.57 min Scan# 1122

Delta R.T. 0.01 min

Lab File: VD060576.D

Acq: 14 Dec 2018 16:33

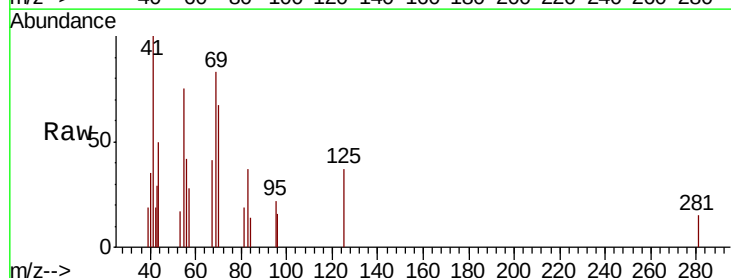
Tgt Ion: 83 Resp: 1023

Ion Ratio Lower Upper

83 100

131 0.0 3.8 11.4#

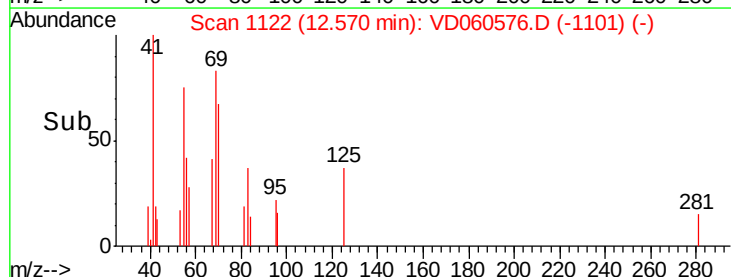
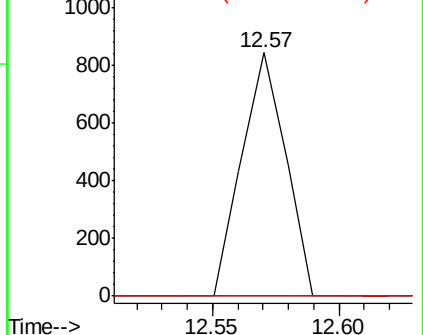
85 0.0 32.3 96.9#

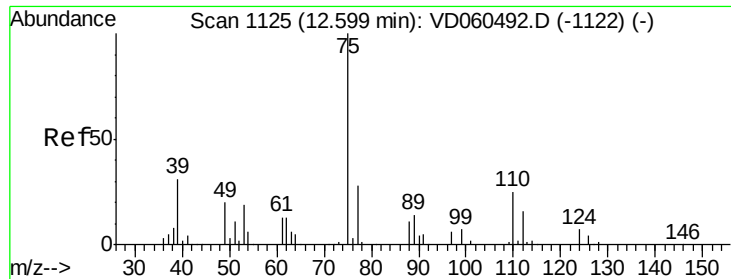


Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): V

Ion 84.95 (84.65 to 85.65): VDC

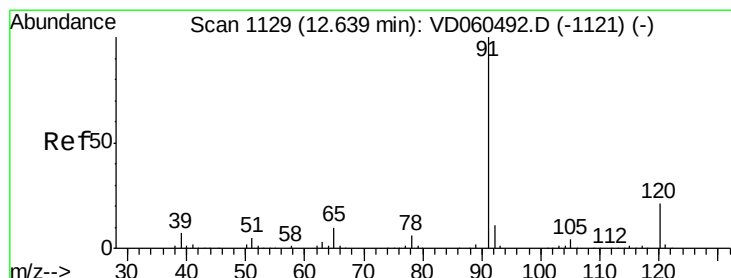
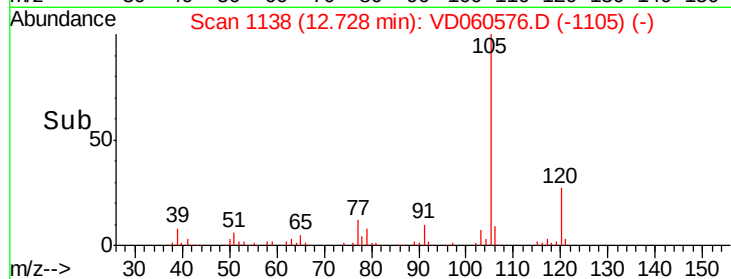
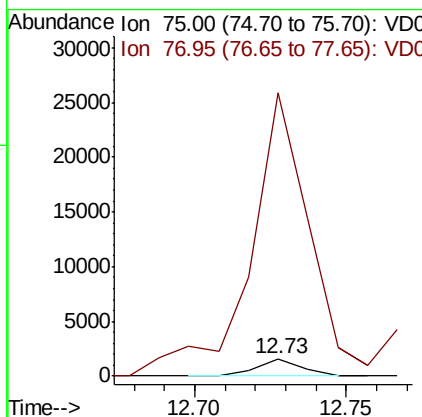
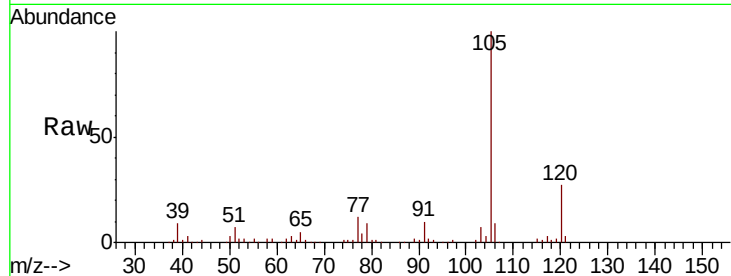




#76
 1,2,3-Trichloropropane
 Concen: 8.334 ug/l
 RT: 12.73 min Scan# 1138
 Delta R.T. 0.13 min
 Lab File: VD060576.D
 Acq: 14 Dec 2018 16:33

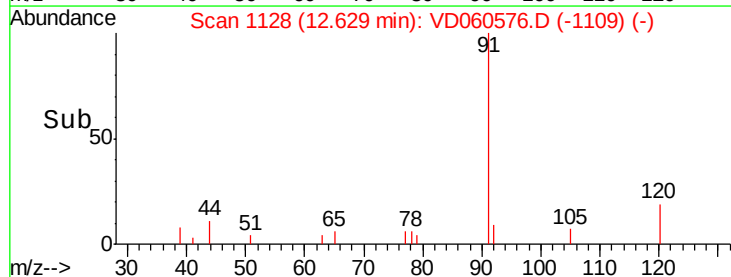
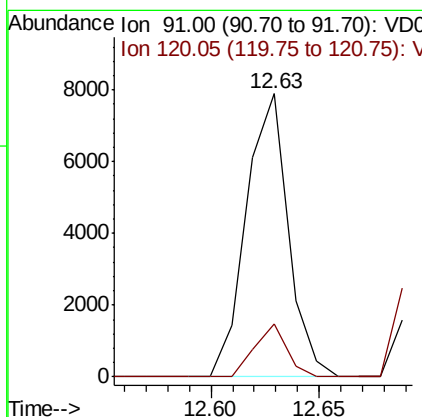
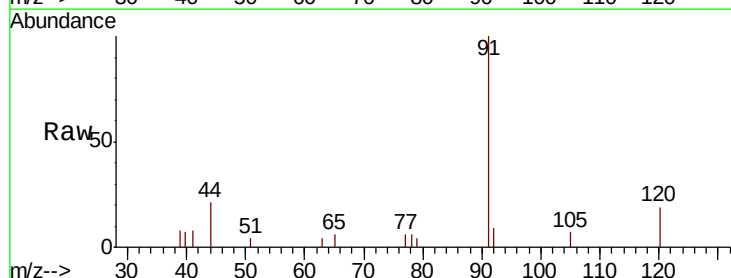
Instrument :
 MSVOA_D
 ClientSampled :

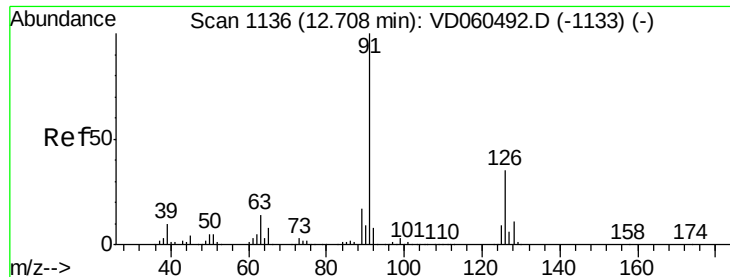
Tot Ion: 75 Resp: 1628
 Ion Ratio Lower Upper
 75 100
 77 1629.2 16.4 49.4#



#78
 n-propylbenzene
 Concen: 6.896 ug/l
 RT: 12.63 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: VD060576.D
 Acq: 14 Dec 2018 16:33

Tgt Ion: 91 Resp: 10634
 Ion Ratio Lower Upper
 91 100
 120 18.6 10.4 31.1

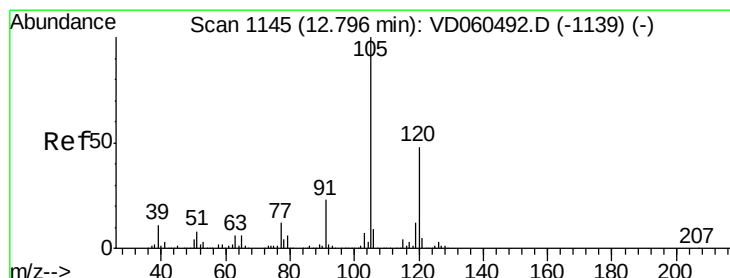
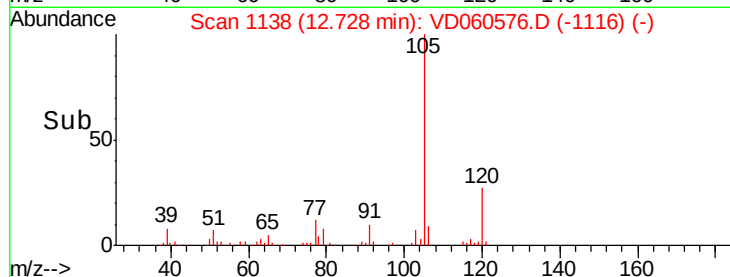
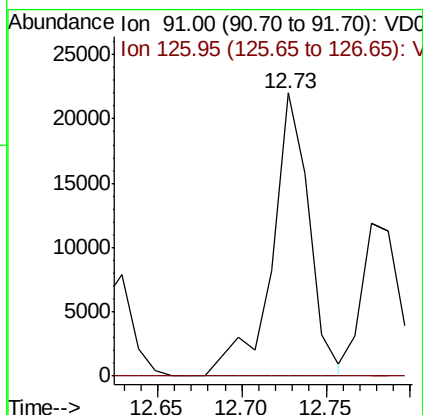
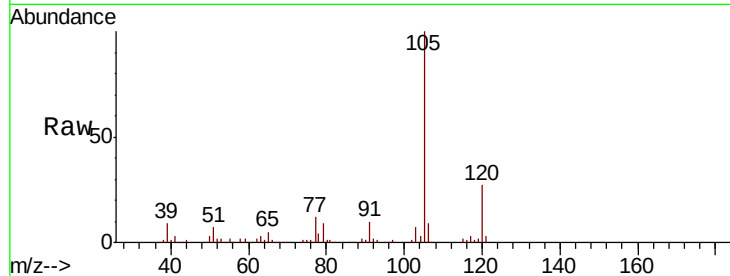




#79
 2-Chlorotoluene
 Concen: 40.172 ug/l
 RT: 12.73 min Scan# 1138
 Delta R.T. 0.02 min
 Lab File: VD060576.D
 Acq: 14 Dec 2018 16:33

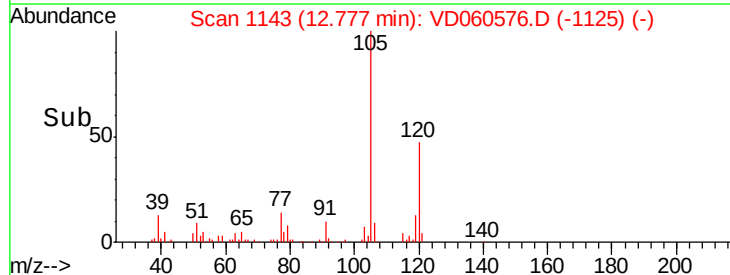
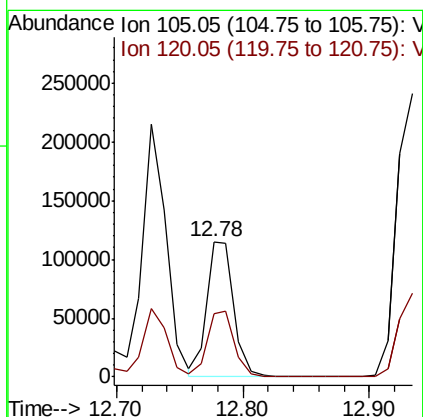
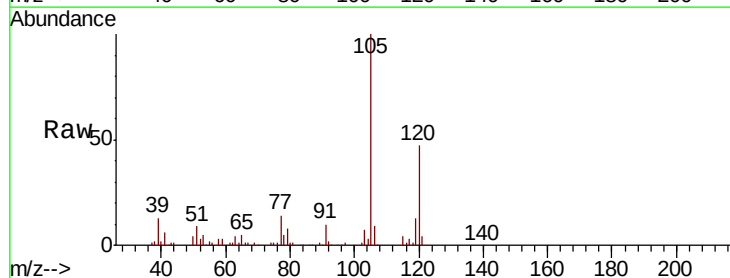
Instrument :
 MSVOA_D
 ClientSampleId :

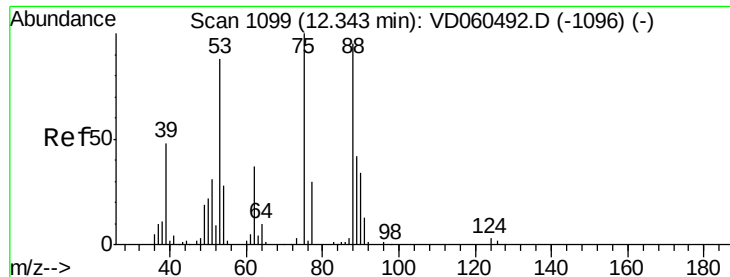
Tot Ion: 91 Resp: 33617
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.3 52.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 185.685 ug/l
 RT: 12.78 min Scan# 1143
 Delta R.T. -0.02 min
 Lab File: VD060576.D
 Acq: 14 Dec 2018 16:33

Tgt Ion: 105 Resp: 173095
 Ion Ratio Lower Upper
 105 100
 120 46.9 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 128.558 ug/l

RT: 12.41 min Scan# 1106

Delta R.T. 0.07 min

Lab File: VD060576.D

Acq: 14 Dec 2018 16:33

Instrument :

MSVOA_D

ClientSampleId :

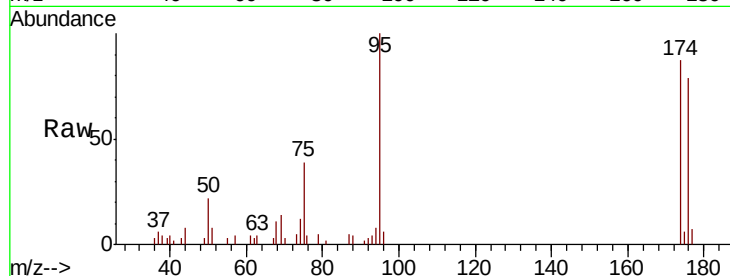
Tot Ion: 75 Resp: 7004

Ion Ratio Lower Upper

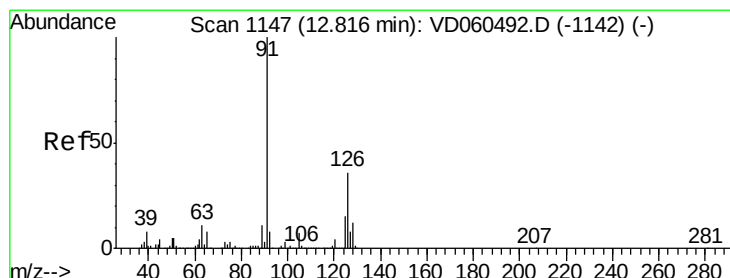
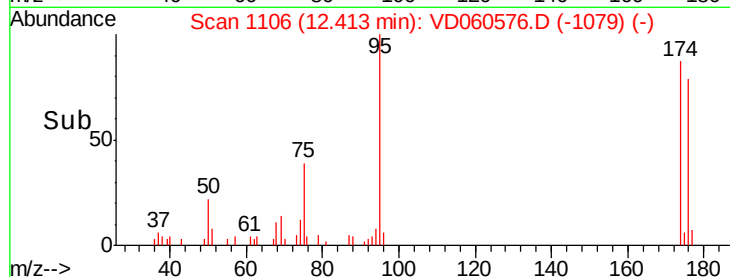
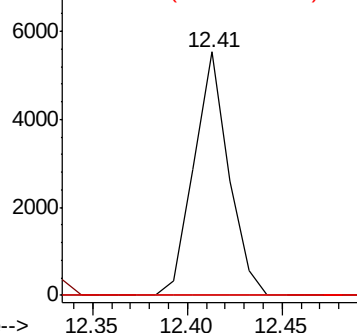
75 100

53 0.0 70.5 105.7#

89 0.0 33.6 50.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 20.659 ug/l

RT: 12.78 min Scan# 1143

Delta R.T. -0.04 min

Lab File: VD060576.D

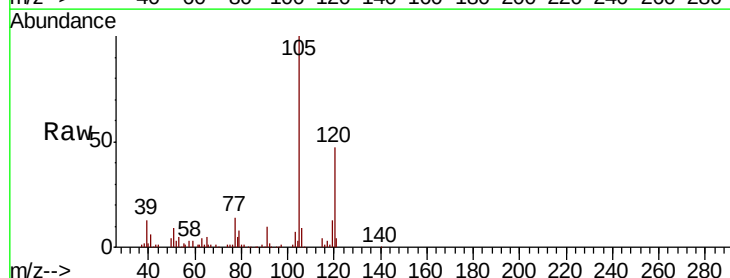
Acq: 14 Dec 2018 16:33

Tgt Ion: 91 Resp: 19417

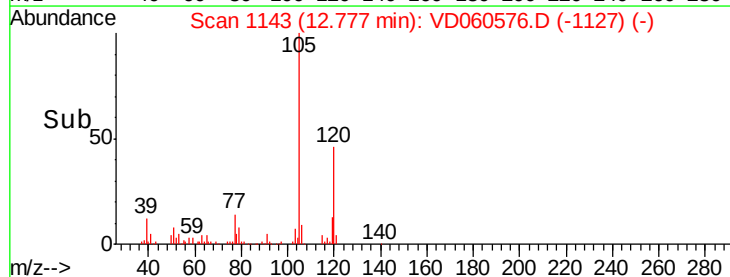
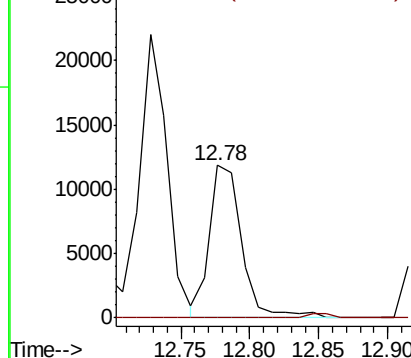
Ion Ratio Lower Upper

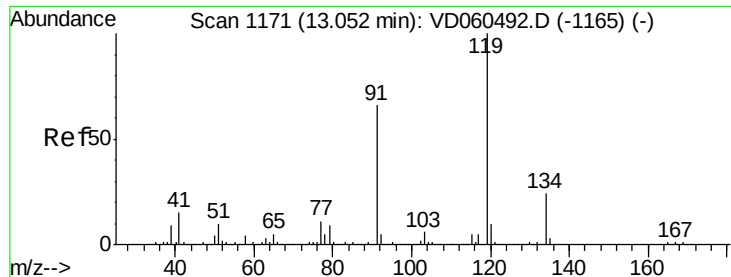
91 100

126 0.0 17.8 53.4#



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





#83

tert-Butylbenzene

Concen: 71.915 ug/l

RT: 13.08 min Scan# 1174

Delta R.T. 0.03 min

Lab File: VD060576.D

Acq: 14 Dec 2018 16:33

Instrument :

MSVOA_D

ClientSampleId :

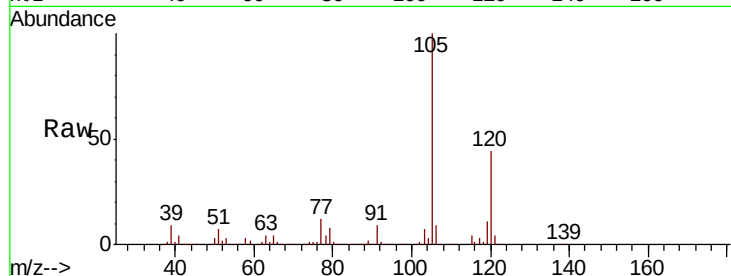
Tot Ion:119 Resp: 75166

Ion Ratio Lower Upper

119 100

91 82.0 33.1 99.2

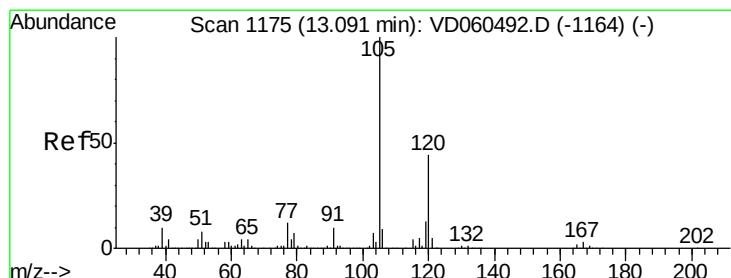
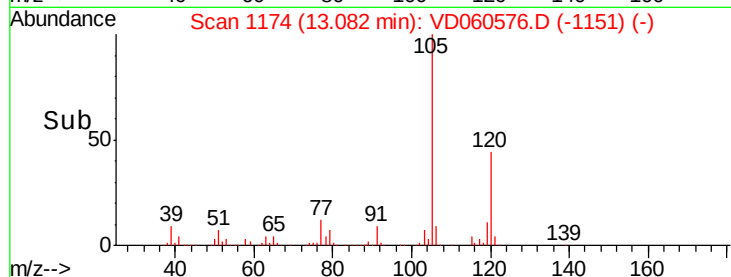
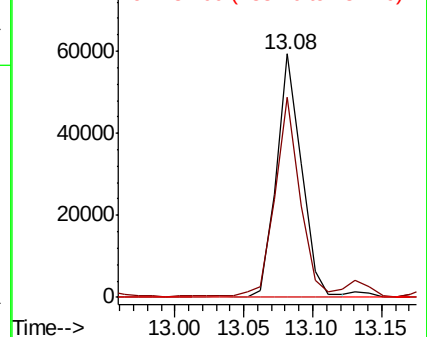
134 0.0 12.0 36.0#



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 670.064 ug/l

RT: 13.08 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VD060576.D

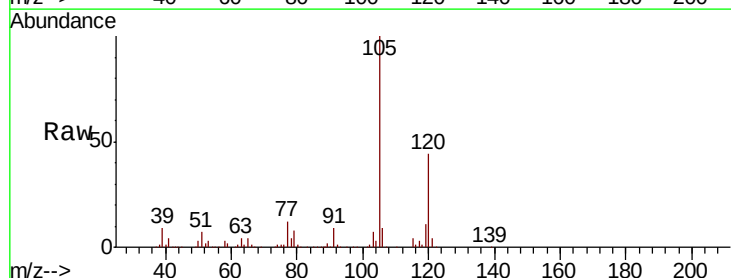
Acq: 14 Dec 2018 16:33

Tgt Ion:105 Resp: 646770

Ion Ratio Lower Upper

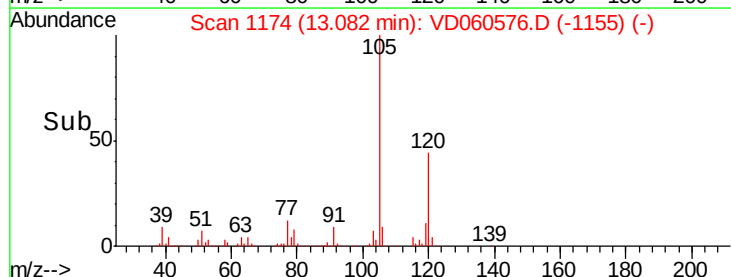
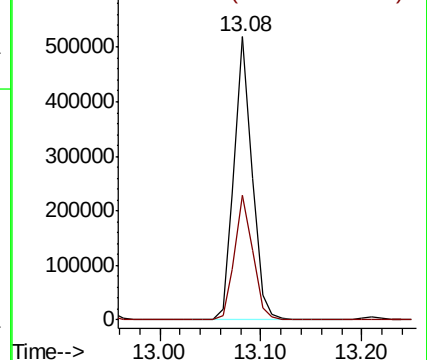
105 100

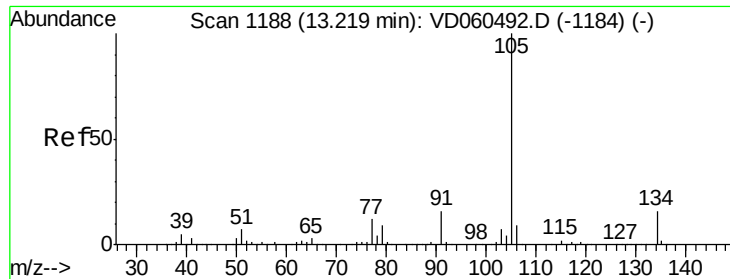
120 44.1 22.3 66.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

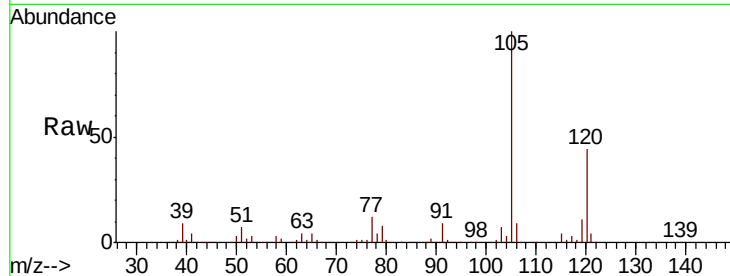




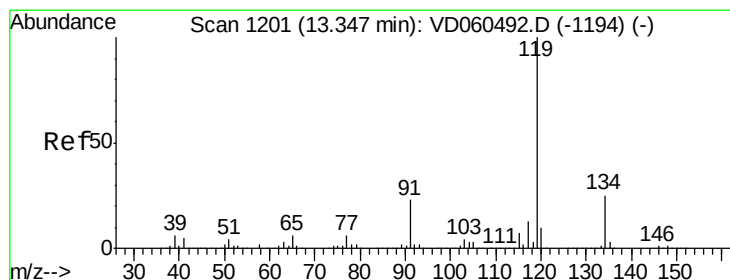
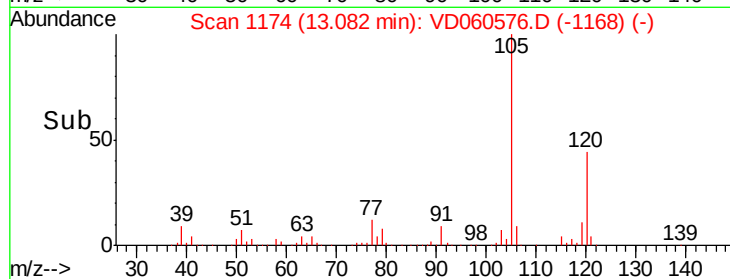
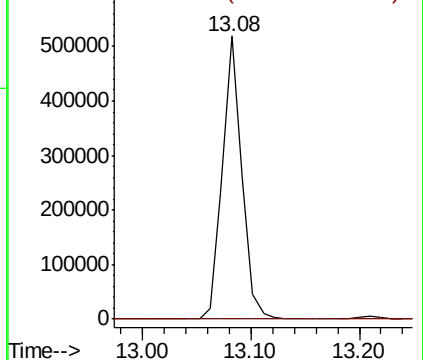
#85
 sec-Butylbenzene
 Concen: 494.051 ug/l
 RT: 13.08 min Scan# 1174
 Delta R.T. -0.14 min
 Lab File: VD060576.D
 Acq: 14 Dec 2018 16:33

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:105 Resp: 643613
 Ion Ratio Lower Upper
 105 100
 134 0.0 7.9 23.7#

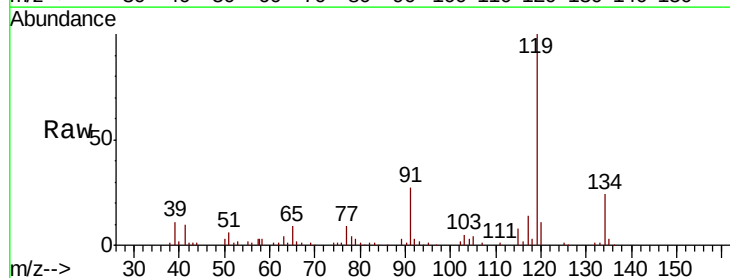


Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 134.10 (133.80 to 134.80): V

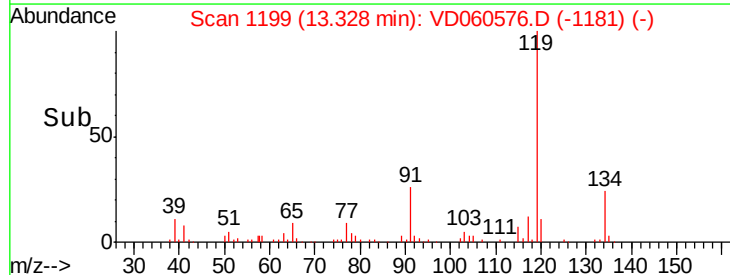
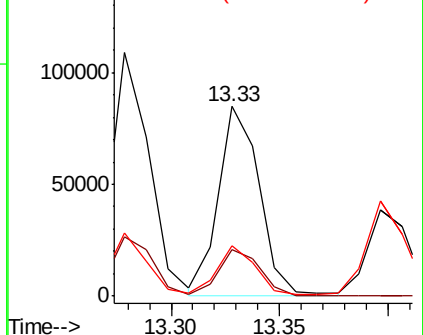


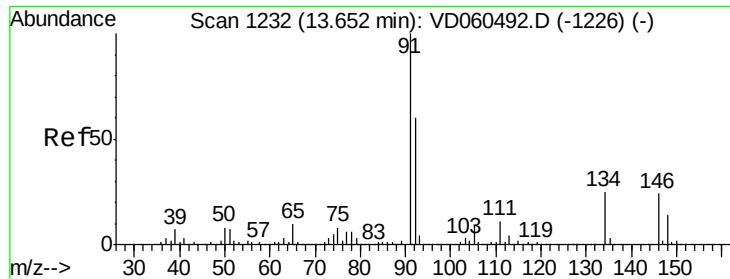
#86
 p-Isopropyltoluene
 Concen: 108.504 ug/l
 RT: 13.33 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: VD060576.D
 Acq: 14 Dec 2018 16:33

Tgt Ion:119 Resp: 112050
 Ion Ratio Lower Upper
 119 100
 134 24.4 12.5 37.5
 91 26.7 11.5 34.4



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

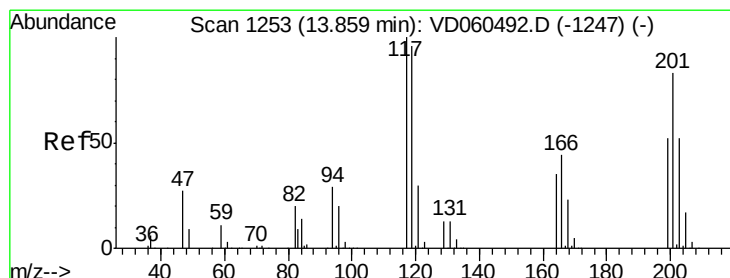
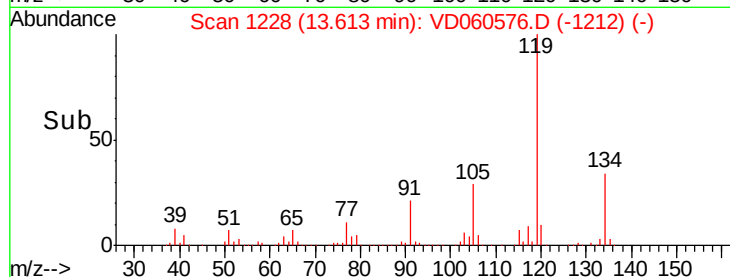
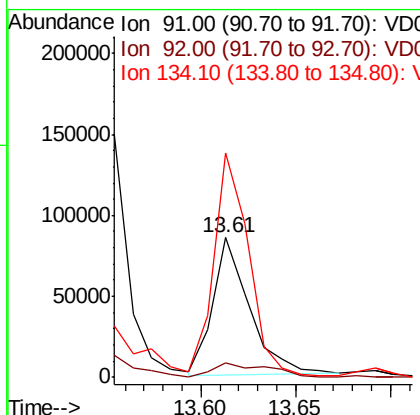
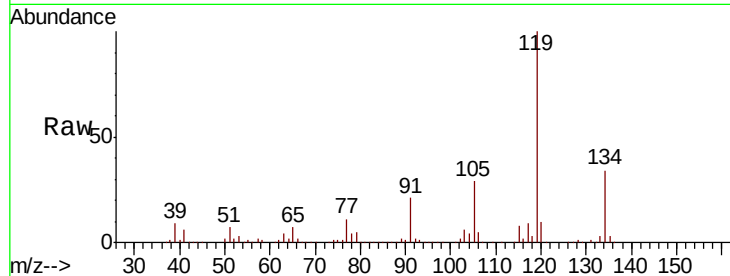




#89
n-Butylbenzene
Concen: Below Cal
RT: 13.61 min Scan# 1228
Delta R.T. -0.04 min
Lab File: VD060576.D
Acq: 14 Dec 2018 16:33

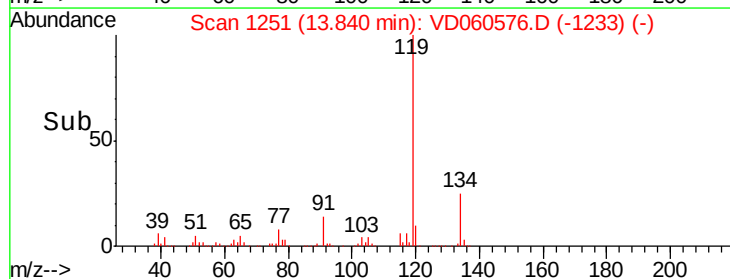
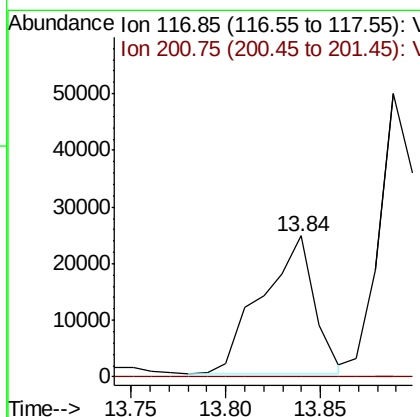
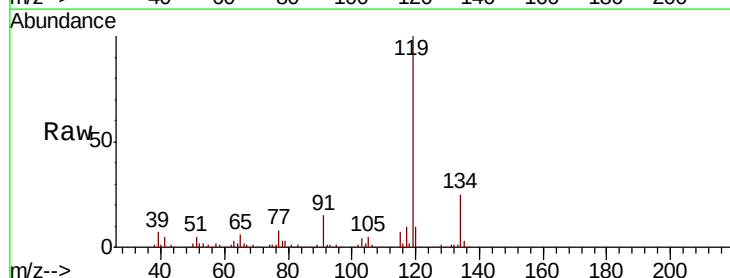
Instrument :
MSVOA_D
ClientSampled :

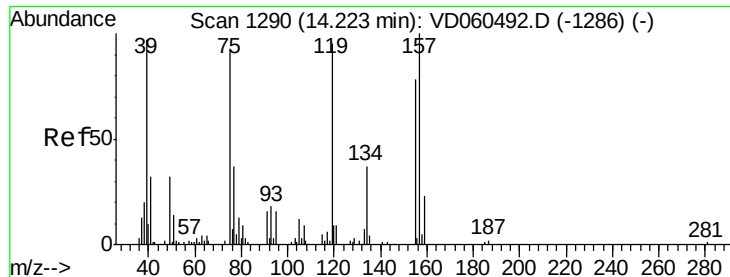
Tot Ion: 91 Resp: 114845
Ion Ratio Lower Upper
91 100
92 10.4 30.0 90.1#
134 160.9 12.5 37.5#



#90
Hexachloroethane
Concen: 180.947 ug/l
RT: 13.84 min Scan# 1251
Delta R.T. -0.02 min
Lab File: VD060576.D
Acq: 14 Dec 2018 16:33

Tgt Ion: 117 Resp: 46851
Ion Ratio Lower Upper
117 100
201 0.0 41.3 123.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 252.102 ug/l

RT: 14.21 min Scan# 1289

Delta R.T. -0.01 min

Lab File: VD060576.D

Acq: 14 Dec 2018 16:33

Instrument :

MSVOA_D

ClientSampleId :

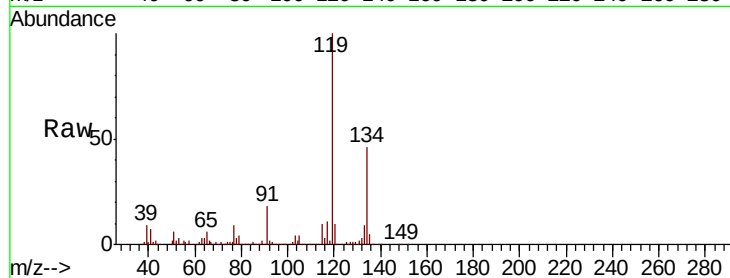
Tot Ion: 75 Resp: 5966

Ion Ratio Lower Upper

75 100

155 0.0 41.6 124.9#

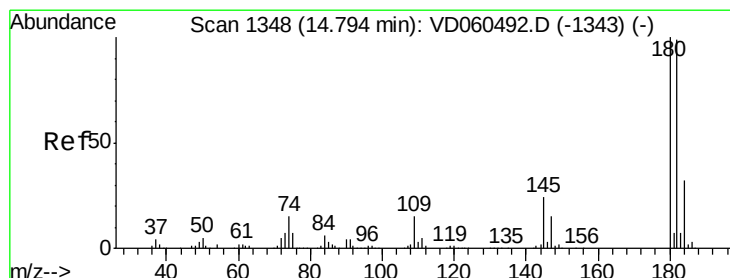
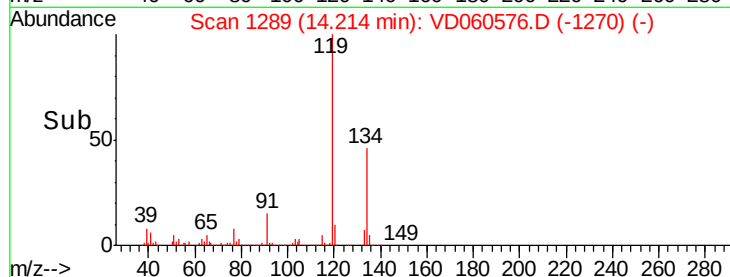
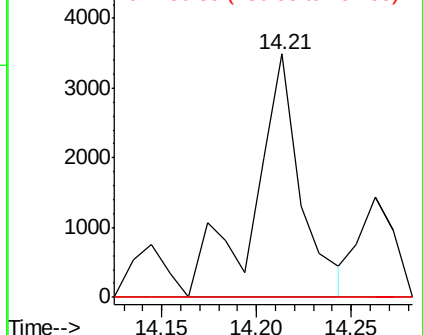
157 0.0 53.6 160.8#



Abundance Ion 75.00 (74.70 to 75.70): VD060576.D (-1270) (-)

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V



#93

1,2,4-Trichlorobenzene

Concen: 1.860 ug/l

RT: 14.77 min Scan# 1346

Delta R.T. -0.02 min

Lab File: VD060576.D

Acq: 14 Dec 2018 16:33

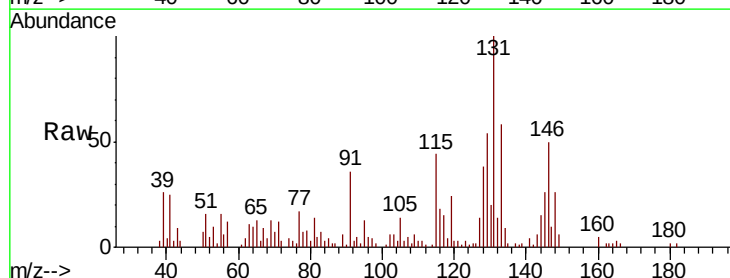
Tgt Ion:180 Resp: 690

Ion Ratio Lower Upper

180 100

182 113.3 49.4 148.0

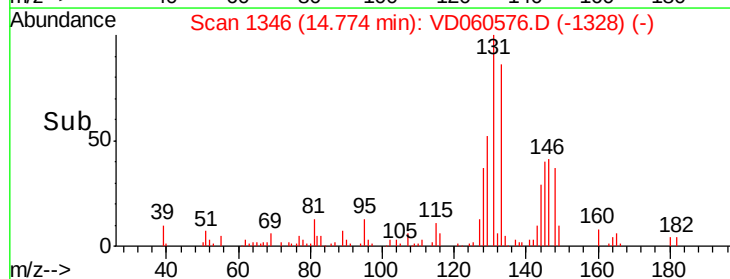
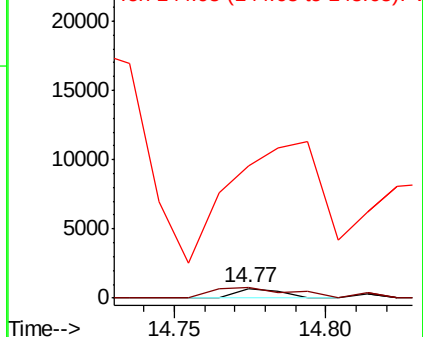
145 1386.2 11.9 35.9#

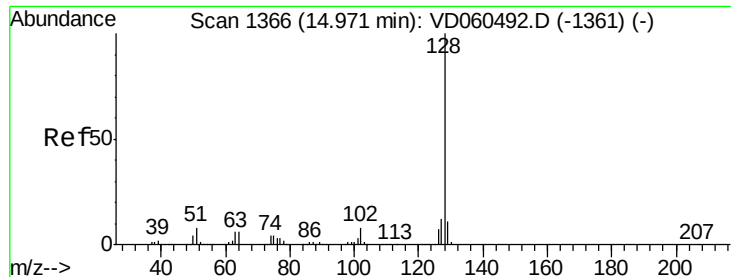


Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

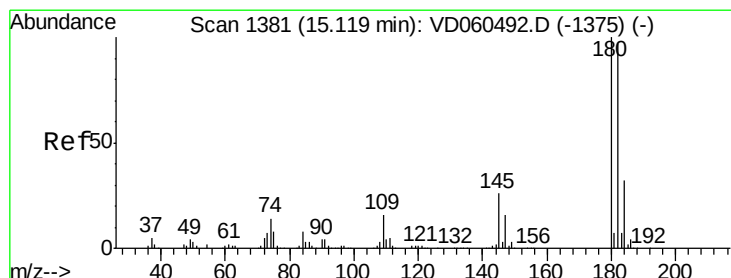
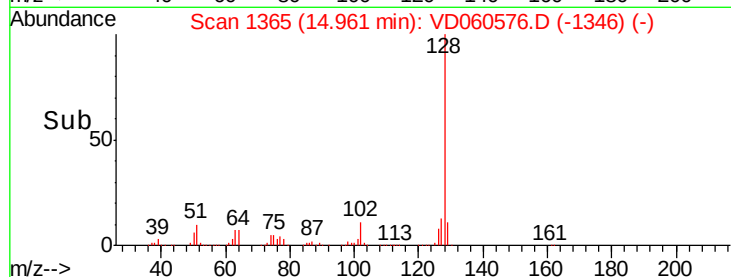
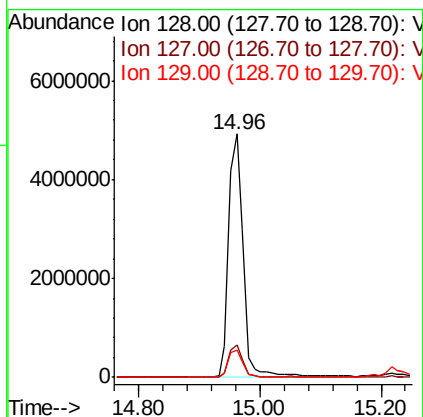
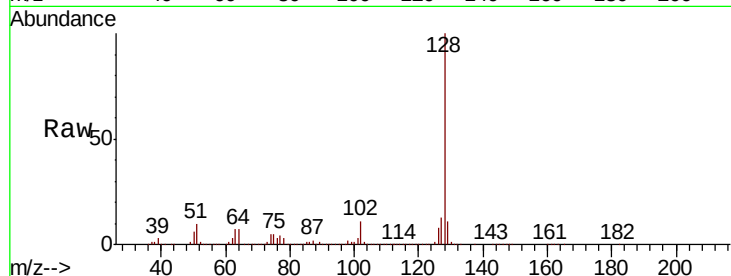




#95
Naphthalene
Concen: 18820.999 ug/l
RT: 14.96 min Scan# 1365
Delta R.T. -0.01 min
Lab File: VD060576.D
Acq: 14 Dec 2018 16:33

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 8305120
Ion Ratio Lower Upper
128 100
127 13.3 9.8 14.8
129 11.4 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 10.888 ug/l
RT: 15.11 min Scan# 1380
Delta R.T. -0.01 min
Lab File: VD060576.D
Acq: 14 Dec 2018 16:33

Tgt Ion:180 Resp: 3218
Ion Ratio Lower Upper
180 100
182 67.0 48.5 145.5
145 714.9 12.9 38.7#

