

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD092418\
 Data File : VD060081.D
 Acq On : 24 Sep 2018 14:47
 Operator : VA/AP
 Sample : J5017-06RE
 Misc : 5.01g/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-S-NW-060RE

Quant Time: Sep 25 00:59:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1509083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.42	114	2190312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	1630742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	629092	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.76	65	367315	31.21	ug/l	0.00
Spiked Amount			Recovery	=	62.42%	
35) Dibromofluoromethane	6.30	113	505937	29.57	ug/l	0.00
Spiked Amount			Recovery	=	59.14%	
50) Toluene-d8	9.43	98	1227647	25.89	ug/l	-0.01
Spiked Amount			Recovery	=	51.78%	
62) 4-Bromofluorobenzene	12.41	95	453438	25.03	ug/l	0.00
Spiked Amount			Recovery	=	50.06%	

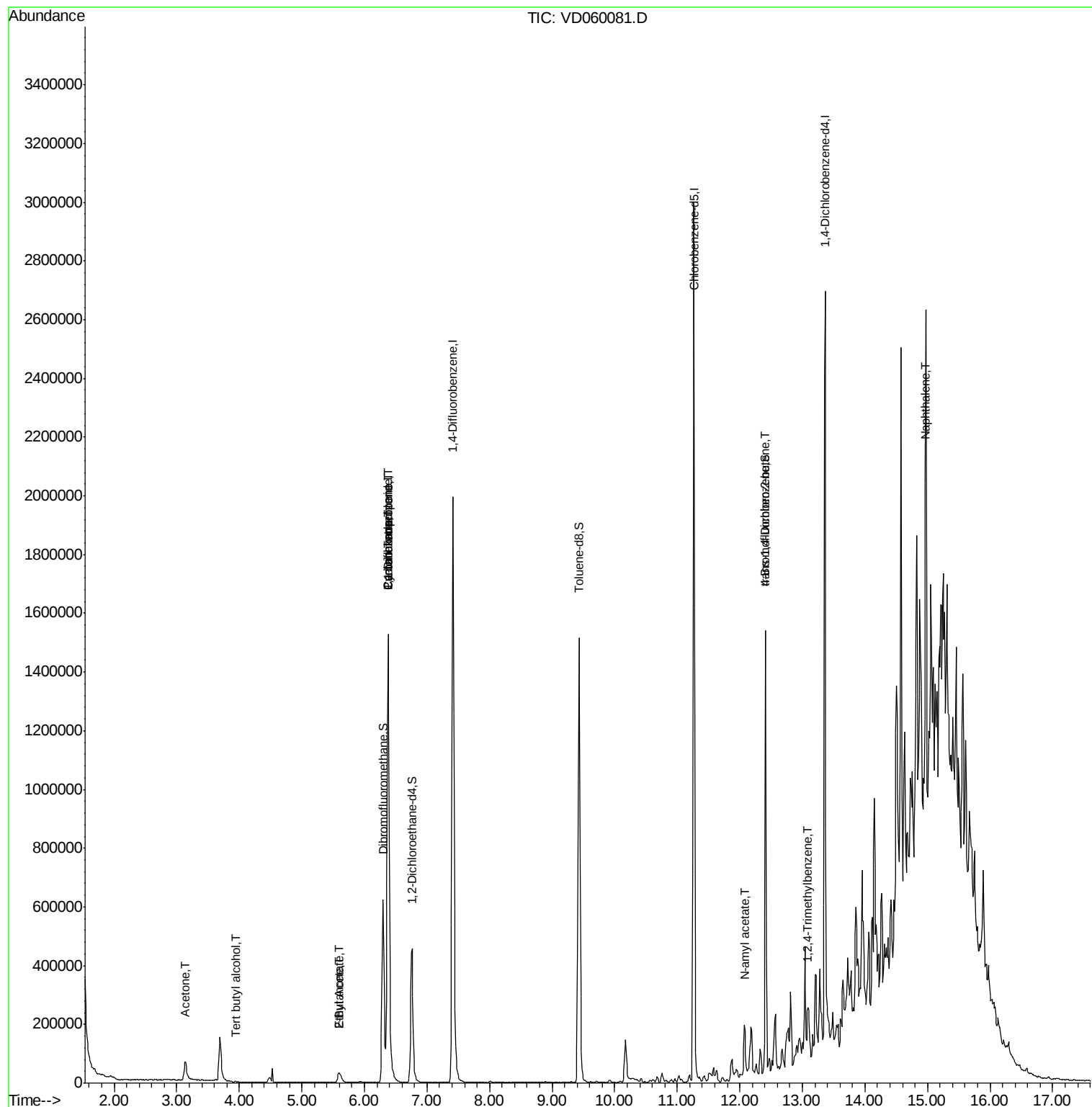
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.95	59	1792	1.887	ug/l #	74
16) Acetone	3.13	43	138455	60.937	ug/l	94
20) Methylene Chloride	3.69	84	91922	Below Cal		97
25) 2-Butanone	5.59	43	60536	9.873	ug/l	99
31) Cyclohexane	6.38	56	28212	1.079	ug/l #	1
36) 1,1-Dichloropropene	6.38	75	104213	4.790	ug/l #	46
37) Ethyl Acetate	5.59	43	60532	4.046	ug/l #	72
38) Carbon Tetrachloride	6.38	117	116790	5.750	ug/l #	16
51) 4-Methyl-2-Pentanone	9.32	43	4028	Below Cal	#	42
59) 2-Hexanone	10.42	43	9623	Below Cal	#	30
74) N-amyl acetate	12.07	43	40856	2.500	ug/l #	61
81) trans-1,4-Dichloro-2-buten	12.41	75	180457	62.220	ug/l #	16
84) 1,2,4-Trimethylbenzene	13.08	105	54998	1.630	ug/l	99
89) n-Butylbenzene	13.64	91	16608	Below Cal		85
91) 1,2-Dichlorobenzene	13.65	146	1340	Below Cal	#	1
95) Naphthalene	14.96	128	29540	1.299	ug/l #	59

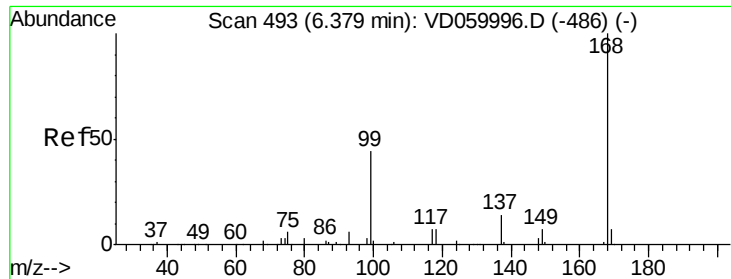
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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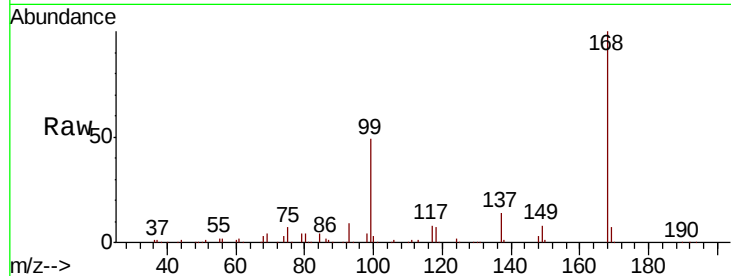


#1

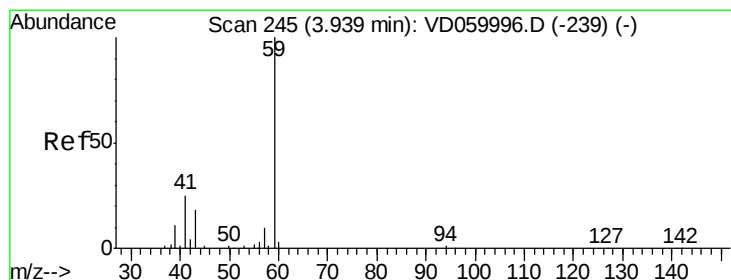
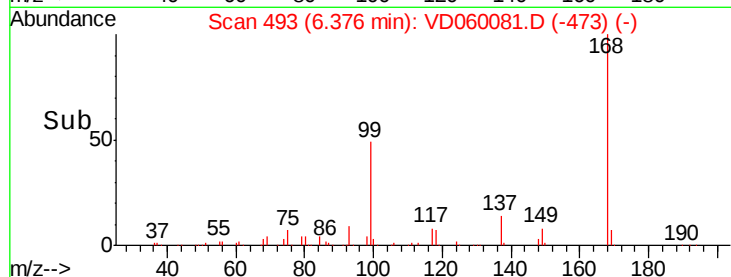
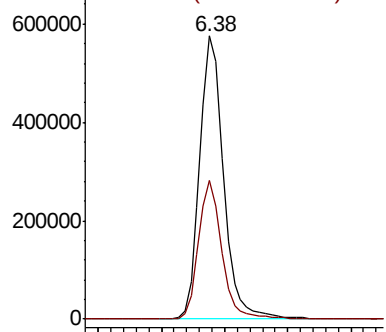
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 6.38 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: VD060081.D
 Acq: 24 Sep 2018 14:47

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-S-NW-060RE

Tgt Ion: 168 Resp: 1509083
 Ion Ratio Lower Upper
 168 100
 99 49.2 38.5 57.7



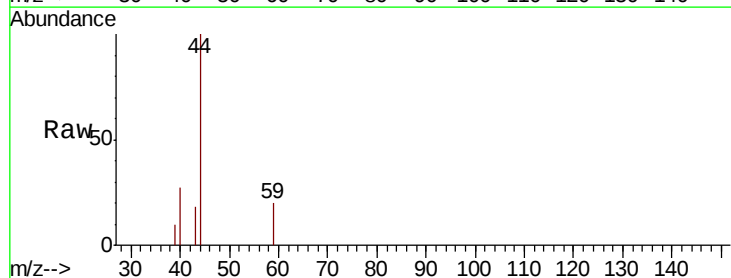
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.95 (98.65 to 99.65): VDC



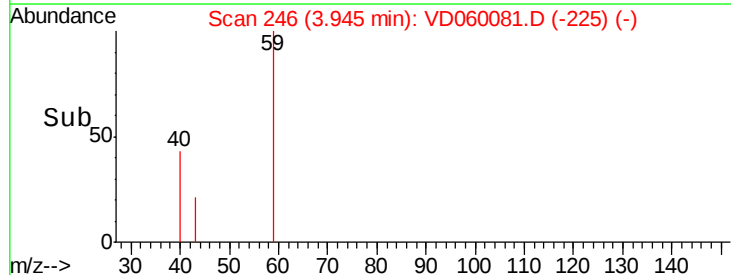
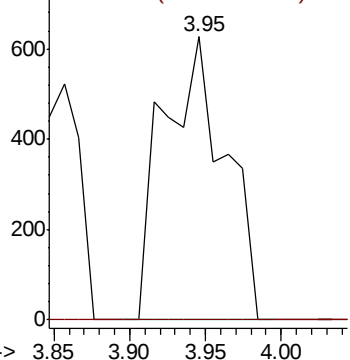
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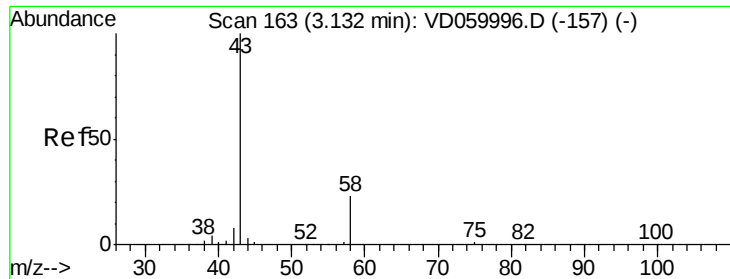
Tert butyl alcohol
 Concen: 1.887 ug/l
 RT: 3.95 min Scan# 246
 Delta R.T. 0.01 min
 Lab File: VD060081.D
 Acq: 24 Sep 2018 14:47

Tgt Ion: 59 Resp: 1792
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#



Abundance Ion 58.95 (58.65 to 59.65): VDC
 Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: 60.937 ug/l

RT: 3.13 min Scan# 163

Delta R.T. -0.00 min

Lab File: VD060081.D

Acq: 24 Sep 2018 14:47

Instrument :

MSVOA_D

ClientSampleId :

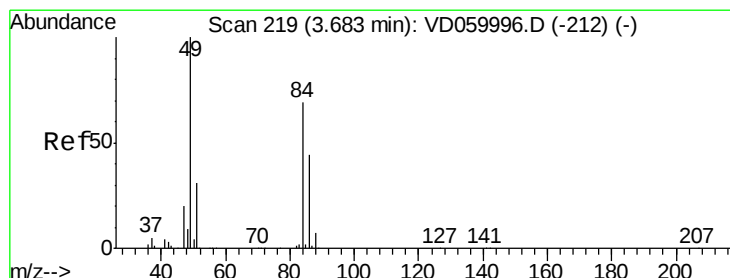
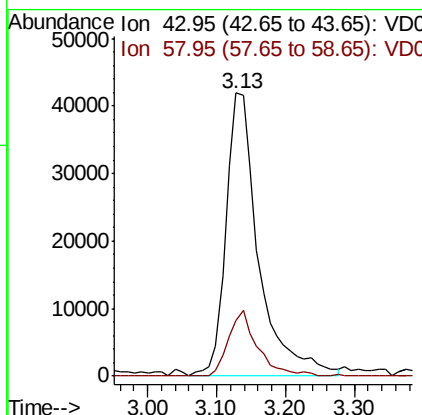
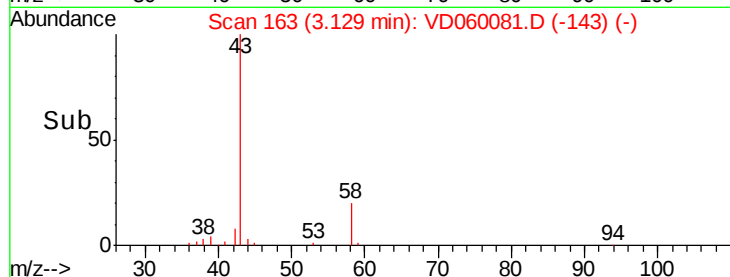
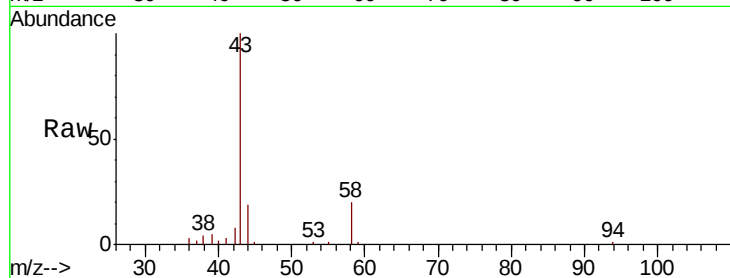
RA-091918-S-NW-060RE

Tgt Ion: 43 Resp: 138455

Ion Ratio Lower Upper

43 100

58 19.8 18.1 27.1



#20

Methylene Chloride

Concen: Below Cal

RT: 3.69 min Scan# 220

Delta R.T. 0.01 min

Lab File: VD060081.D

Acq: 24 Sep 2018 14:47

Tgt Ion: 84 Resp: 91922

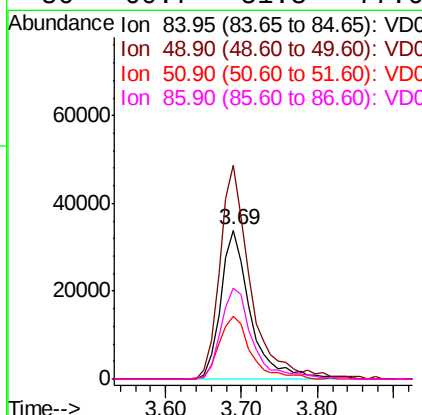
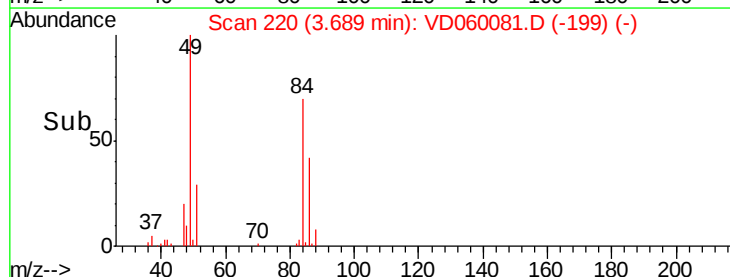
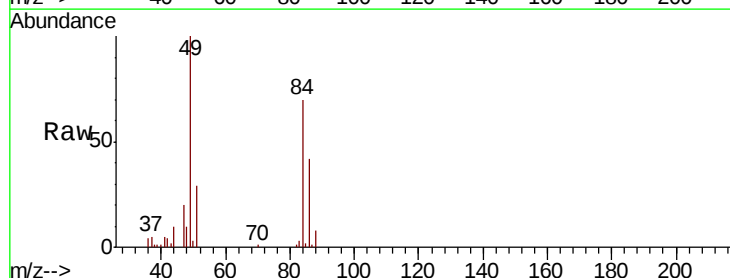
Ion Ratio Lower Upper

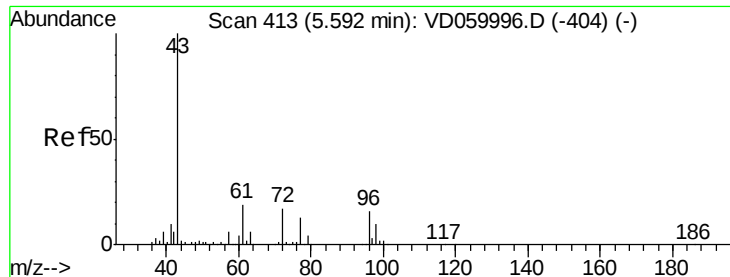
84 100

49 143.4 116.6 175.0

51 41.9 35.9 53.9

86 60.7 51.8 77.6





#25

2-Butanone

Concen: 9.873 ug/l

RT: 5.59 min Scan# 413

Delta R.T. -0.00 min

Lab File: VD060081.D

Acq: 24 Sep 2018 14:47

Instrument :

MSVOA_D

ClientSampleId :

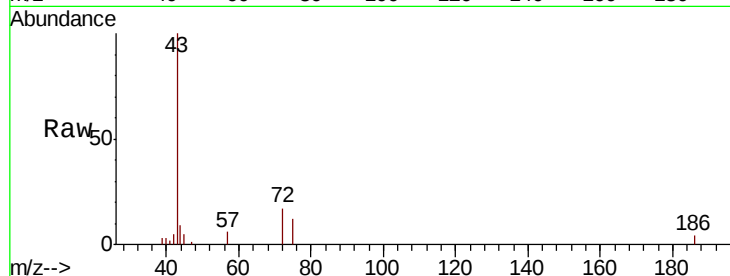
RA-091918-S-NW-060RE

Tgt Ion: 43 Resp: 60536

Ion Ratio Lower Upper

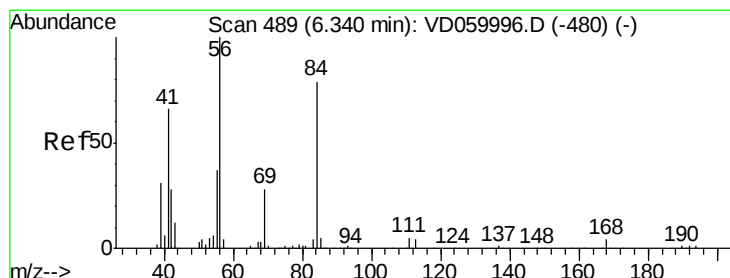
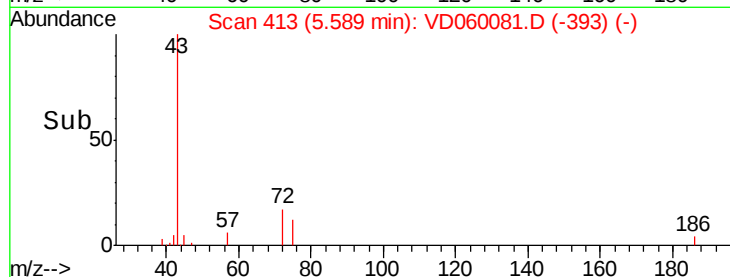
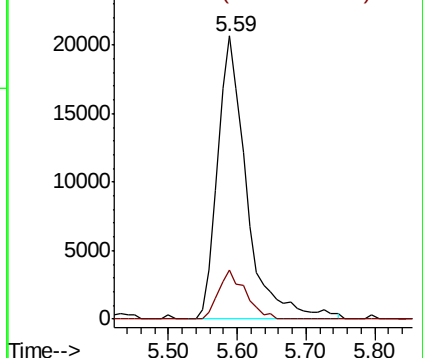
43 100

72 17.4 13.6 20.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 1.079 ug/l

RT: 6.38 min Scan# 493

Delta R.T. 0.04 min

Lab File: VD060081.D

Acq: 24 Sep 2018 14:47

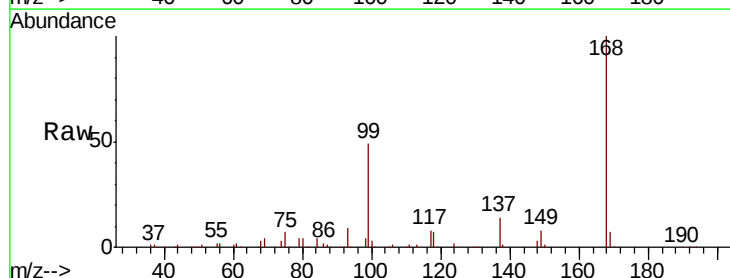
Tgt Ion: 56 Resp: 28212

Ion Ratio Lower Upper

56 100

69 242.9 22.7 34.1#

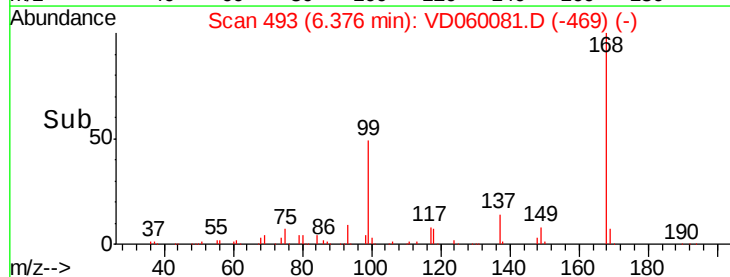
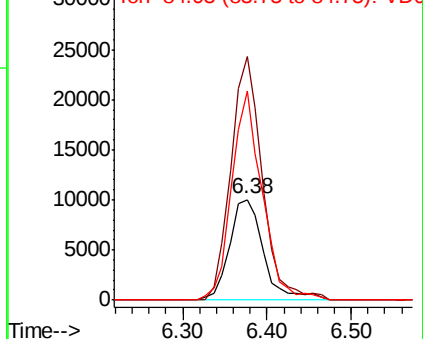
84 208.2 64.0 96.0#

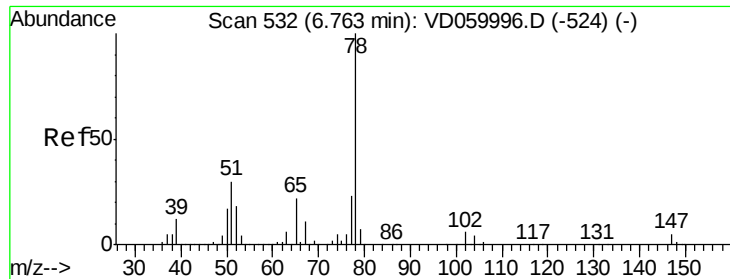


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

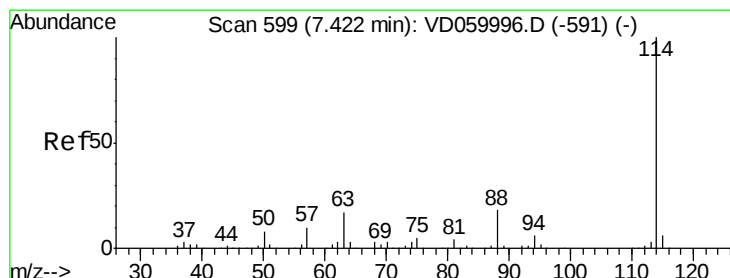
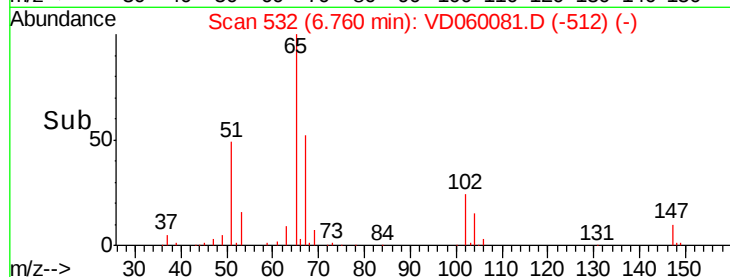
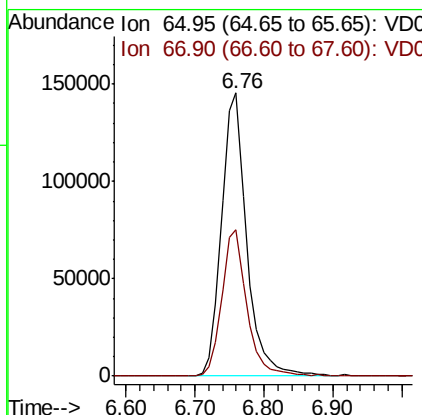
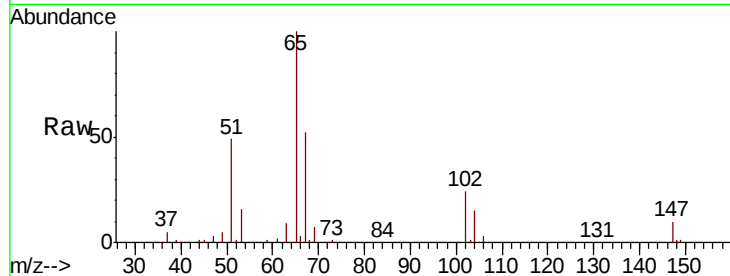




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.76 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VD060081.D
 Acq: 24 Sep 2018 14:47

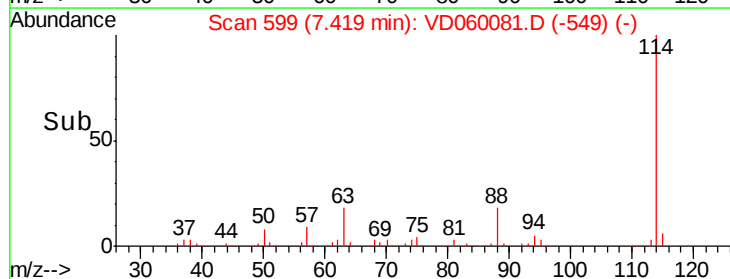
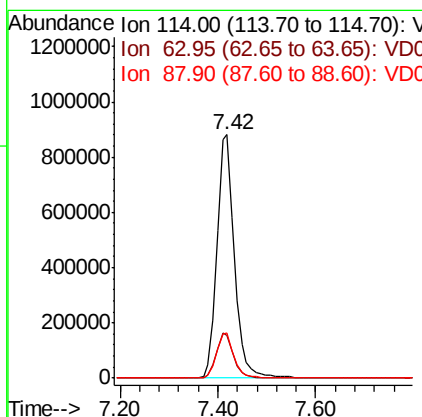
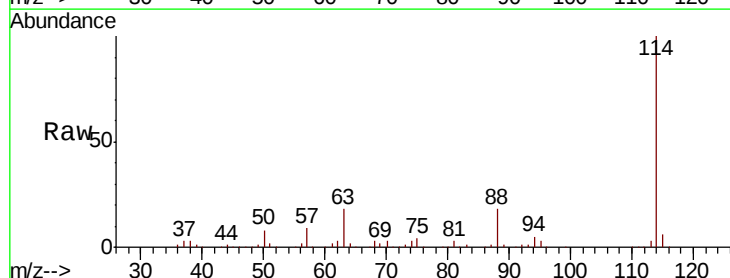
Instrument :
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 RA-091918-S-NW-060RE

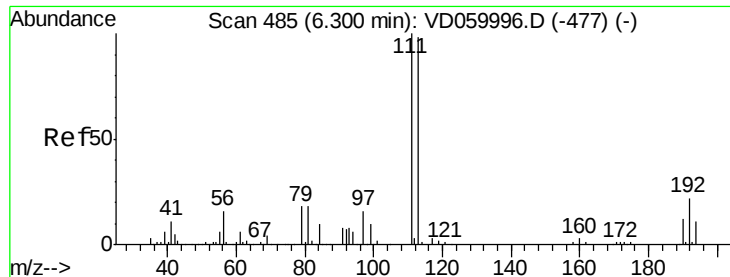
Tgt Ion: 65 Resp: 367315
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: VD060081.D
 Acq: 24 Sep 2018 14:47

Tgt Ion: 114 Resp: 2190312
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 34.4
 88 18.3 0.0 35.8

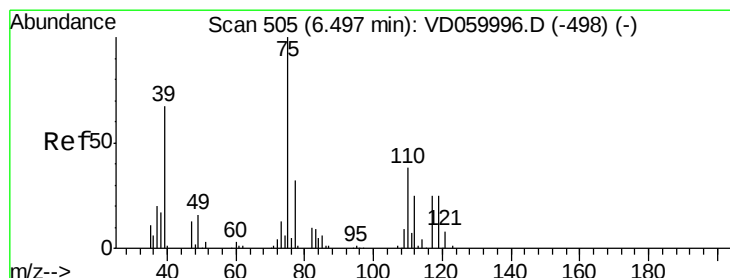
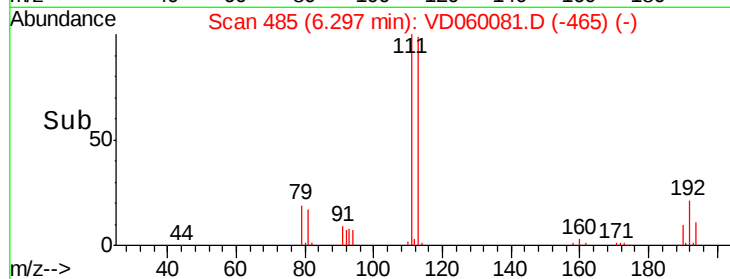
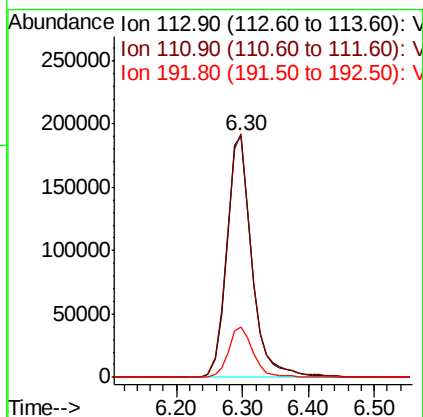
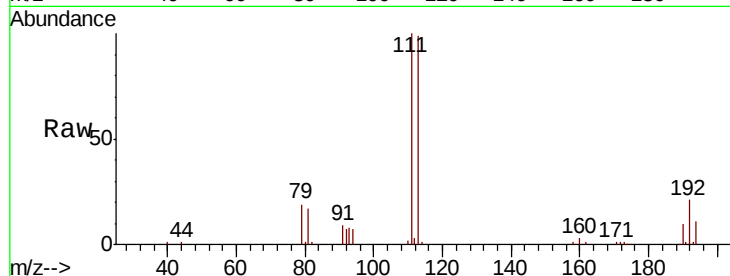




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.30 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: VD060081.D
 Acq: 24 Sep 2018 14:47

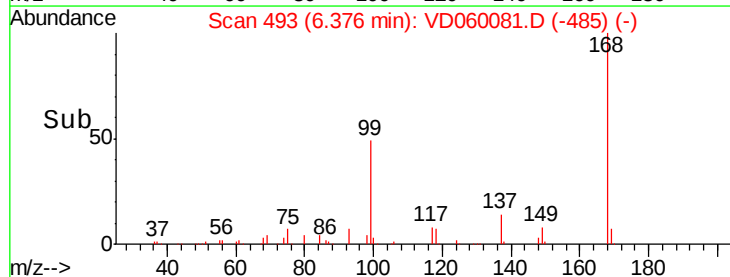
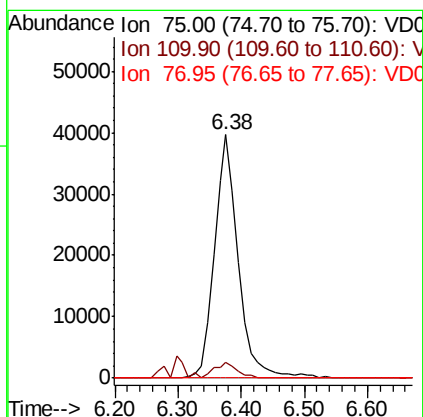
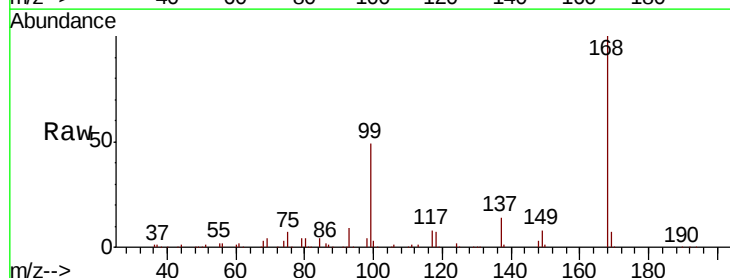
Instrument :
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 ClientSampleId :
 RA-091918-S-NW-060RE

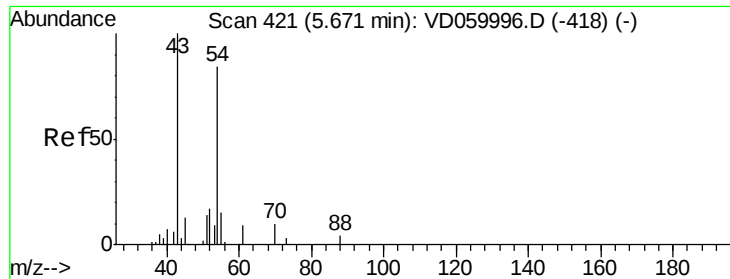
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.3	121.9
192	20.9	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 4.790 ug/l
 RT: 6.38 min Scan# 493
 Delta R.T. -0.12 min
 Lab File: VD060081.D
 Acq: 24 Sep 2018 14:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.5	18.9	56.9#
77	0.0	25.3	37.9#





#37

Ethyl Acetate

Concen: 4.046 ug/l

RT: 5.59 min Scan# 413

Delta R.T. -0.08 min

Lab File: VD060081.D

Acq: 24 Sep 2018 14:47

Instrument :

MSVOA_D

ClientSampleId :

RA-091918-S-NW-060RE

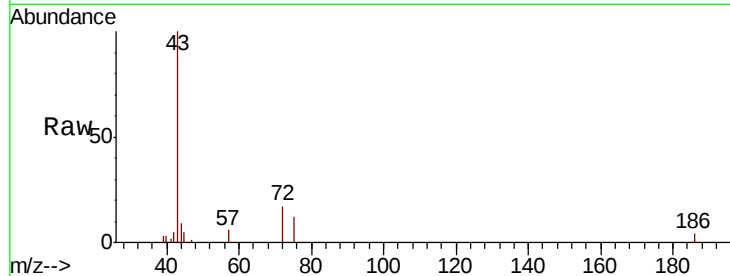
Tgt Ion: 43 Resp: 60532

Ion Ratio Lower Upper

43 100

61 0.0 10.2 15.2#

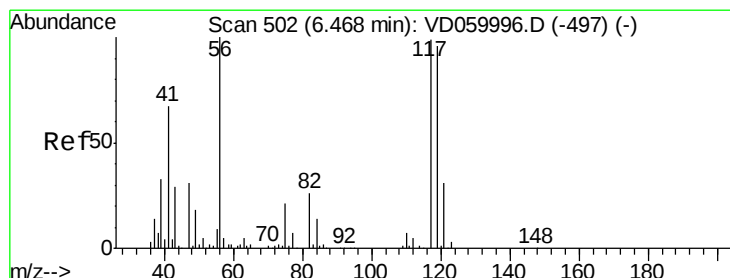
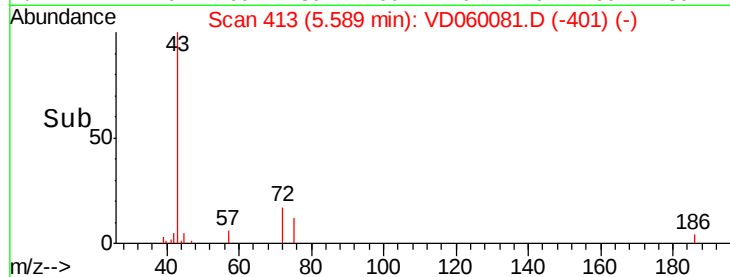
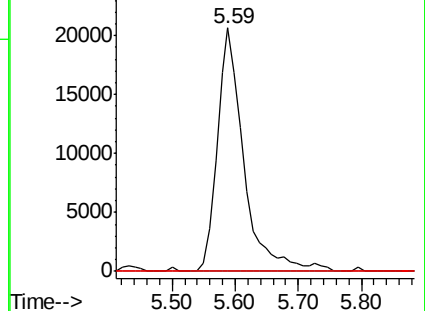
70 0.0 6.1 9.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 5.750 ug/l

RT: 6.38 min Scan# 493

Delta R.T. -0.09 min

Lab File: VD060081.D

Acq: 24 Sep 2018 14:47

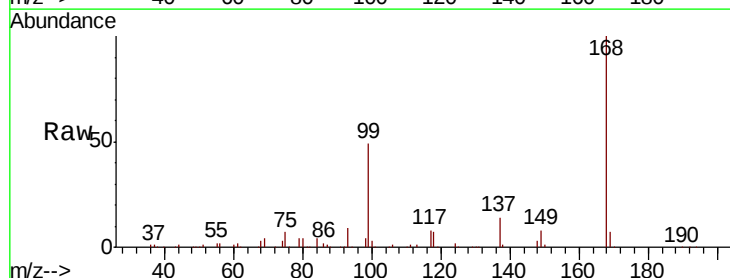
Tgt Ion: 117 Resp: 116790

Ion Ratio Lower Upper

117 100

119 5.0 76.7 115.1#

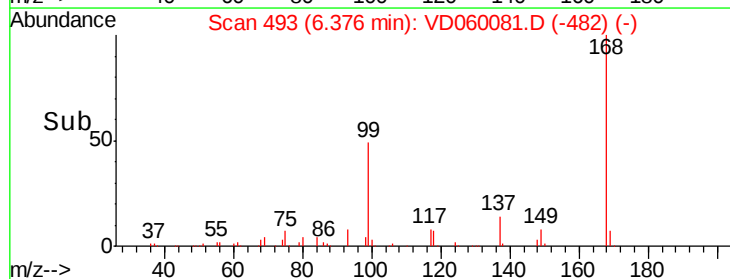
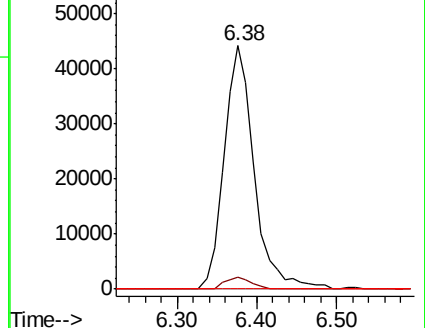
121 0.0 24.9 37.3#

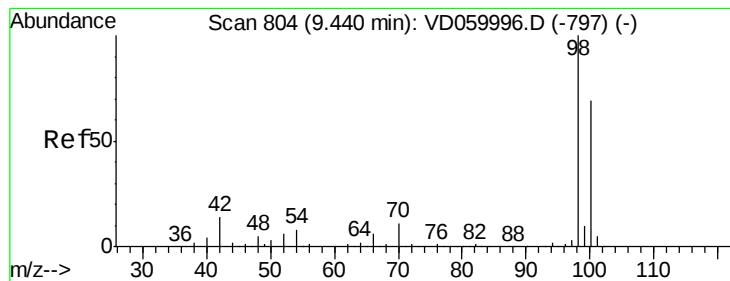


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.43 min Scan# 803

Delta R.T. -0.01 min

Lab File: VD060081.D

Acq: 24 Sep 2018 14:47

Instrument :

MSVOA_D

ClientSampleId :

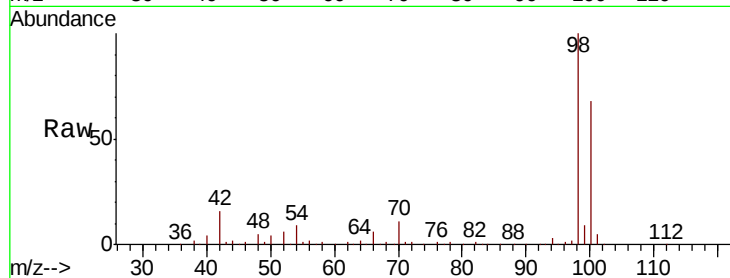
RA-091918-S-NW-060RE

Tgt Ion: 98 Resp: 1227647

Ion Ratio Lower Upper

98 100

100 68.0 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): VD0

Ion 100.05 (99.75 to 100.75): VD

600000

500000

400000

300000

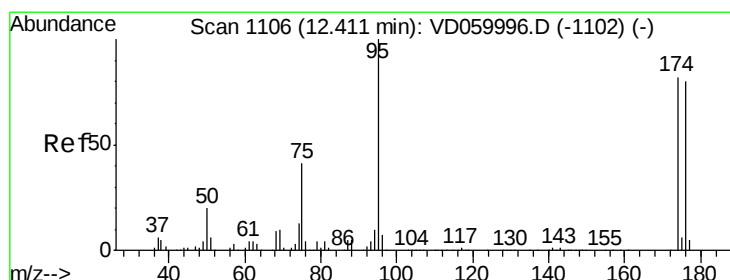
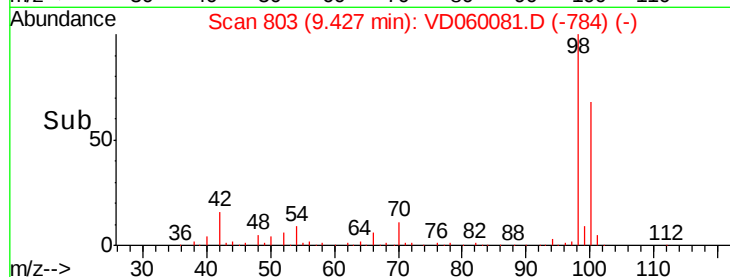
200000

100000

0

9.30 9.40 9.50 9.60

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.41 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VD060081.D

Acq: 24 Sep 2018 14:47

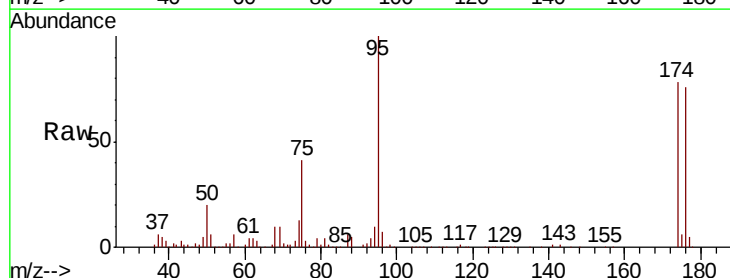
Tgt Ion: 95 Resp: 453438

Ion Ratio Lower Upper

95 100

174 78.5 0.0 165.0

176 76.1 0.0 160.2



Abundance Ion 95.00 (94.70 to 95.70): VD0

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

400000

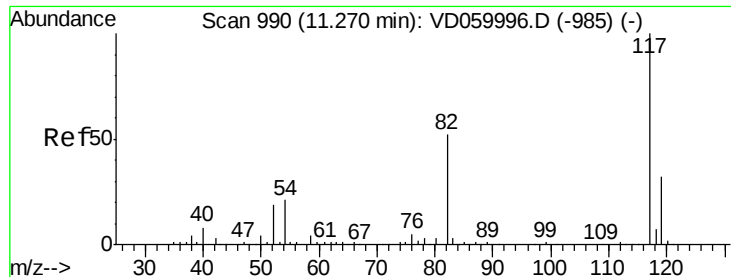
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200000

100000

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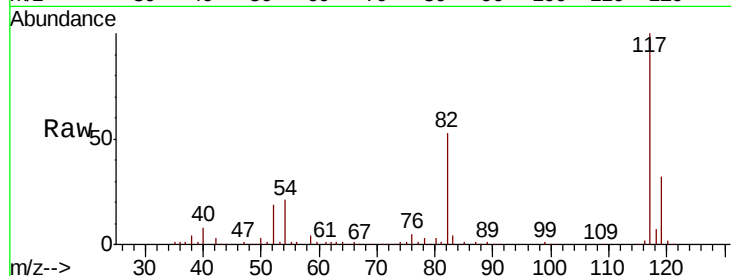
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14.06 14.07 14.08 14.09 14.10 14.11 14.12 14.13 14.14 14.15 14.16 14.17 14.18 14.19 14.20 14.21 14.22 14.23 14.24 14.25 14.26 14.27 14.28 14.29 14.30 14.31 14.32 14.33 14.34 14.35 14.36 14.37 14.38 14.39 14.40 14.41 14.42 14.43 14.44 14.45 14.46 14.47 14.48 14.49 14.50 14.51 14.52 14.53 14.54 14.55 14.56 14.57 14.58 14.59 14.60 14.61 14.62 14.63 14.64 14.65 14.66 14.67 14.68 14.69 14.70 14.71 14.72 14.73 14.74 14.75 14.76 14.77 14.78 14.79 14.80 14.81 14.82 14.83 14.84 14.85 14.86 14.87 14.88 14.89 14.90 14.91 14.92 14.93 14.94 14.95 14.96 14.97 14.98 14.99 15.00 15.01 15.02 15.03 15.04 15.05 15.06 15.07 15.08 15.09 15.10 15.11 15.12 15.13 15.14 15.15 15.16 15.17 15.18 15.19 15.20 15.21 15.22 15.23 15.24 15.25 15.26 15.27 15.28 15.29 15.30 15.31 15.32 15.33 15.34 15.35 15.36 15.37 15.38 15.39 15.40 15.41 15.42 15.43 15.44 15.45 15.46 15.47 15.48 15.49 15.50 15.51 15.52 15.53 15.54 15.55 15.56 15.57 15.58 15.59 15.60 15.61 15.62 15.63 15.64 15.65 15.66 15.67 15.68 15.69 15.70 15.71 15.72 15.73 15.74 15.75 15.76 15.77 15.78 15.79 15.80 15.81 15.82 15.83 15.84 15.85 15.86 15.87 15.88 15.89 15.90 15.91 15.92 15.93 15.94 15.95 15.96 15.97 15.98 15.99 16.00 16.01 16.02 16.03 16.04 16.05 16.06 16.07 16.08 16.09 16.10 16.11 16.12 16.13 16.14 16.15 16.16 16.17 16.18 16.19 16.20 16.21 16.22 16.23 16.24 16.25 16.26 16.27 16.28 16.29 16.30 16.31 16.32 16.33 16.34 16.35 16.36 16.37 16.38 16.39 16.40 16.41 16.42 16.43 16.44 16.45 16.46 16.47 16.48 16.49 16.50 16.51 16.52 16.53 16.54 16.55 16.56 16.57 16.58 16.59 16.60 16.61 16.62 16.63 16.64 16.65 16.66 16.67 16.68 16.69 16.70 16.71 16.72 16.73 16.74 16.75 16.76 16.77 16.78 16.79 16.80 16.81 16.82 16.83 16.84 16.85 16.86 16.87 16.88 16.89 16.90 16.91 16.92 16.93 16.94 16.95 16.96 16.97 16.98 16.99 17.00 17.01 17.02 17.03 17.04 17.05 17.06 17.07 17.08 17.09 17.10 17.11 17.12 17.13 17.14 17.15 17.16 17.17 17.18 17.19 17.20 17.21 17.22 17.23 17.24 17.25 17.26 17.27 17.28 17.29 17.30 17.31 17.32 17.33 17.34 17.35 17.36 17.37 17.38 17.39 17.40 17.41 17.42 17.43 17.44 17.45 17.46 17.47 17.48 17.49 17.50 17.51 17.52 17.53 17.54 17.55 17.56 17.57 17.58 17.59 17.60 17.61 17.62 17.63 17.64 17.65 17.66 17.67 17.68 17.69 17.70 17.71 17.72 17.73 17.74 17.75 17.76 17.77 17.78 17.79 17.80 17.81 17.82 17.83 17.84 17.85 17.86 17.87 17.88 17.89 17.90 17.91 17.92 17.93 17.94 17.95 17.96 17.97 17.98 17.99 18.00 18.01 18.02 18.03 18.04 18.05 18.06 18.07 18.08 18.09 18.10 18.11 18.12 18.13 18.14 18.15 18.16 18.17 18.18 18.19 18.20 18.21 18.22 18.23 18.24 18.25 18.26 18.27 18.28 18.29 18.30 18.31 18.32 18.33 18.34 18.35 18.36 18.37 18.38 18.39 18.40 18.41 18.42 18.43 18.44 18.45 18.46 18.47 18.48 18.49 18.50 18.51 18.52 18.53 18.54 18.55 18.56 18.57 18.58 18.59 18.60 18.61 18.62 18.63 18.64 18.65 18.66 18.67 18.68 18.69 18.70 18.71 18.72 18.73 18.74 18.75 18.76 18.77 18.78 18.79 18.80 18.81 18.82 18.83 18.84 18.85 18.86 18.87 18.88 18.89 18.90 18.91 18.92 18.93 18.94 18.95 18.96 18.97 18.98 18.99 19.00 19.01 19.02 19.03 19.04 19.05 19.06 19.07 19.08 19.09 19.10 19.11 19.12 19.13 19.14 19.15 19.16 19.17 19.18 19.19 19.20 19.21 19.22 19.23 19.24 19.25 19.26 19.27 19.28 19.29 19.30 19.31 19.32 19.33 19.34 19.35 19.36 19.37 19.38 19.39 19.40 19.41 19.42 19.43 19.44 19.45 19.46 19.47 19.48 19.49 19.50 19.51 19.52 19.53 19.54 19.55 19.56 19.57 19.58 19.59 19.60 19.61 19.62 19.63 19.64 19.65 19.66 19.67 19.68 19.69 19.70 19.71 19.72 19.73 19.74 19.75 19.76 19.77 19.78 19.79 19.80 19.81 19.82 19.83 19.84 19.85 19.86 19.87 19.88 19.89 19.90 19.91 19.92 19.93 19.94 19.95 19.96 19.97 19.98 19.99 20.00 20.01 20.02 20.03 20.04 20.05 20.06 20.07 20.08 20.09 20.10 20.11 20.12 20.13 20.14 20.15 20.16 20.17 20.18 20.19 20.20 20.21 20.22 20.23 20.24 20.25 20.26 20.27 20.28 20.29 20.30 20.31 20.32 20.33 20.34 20.35 20.36 20.37 20.38 20.39 20.40 20.41 20.42 20.43 20.44 20.45 20.46 20.47 20.48 20.49 20.50 20.51 20.52 20.53 20.54 20.55 20.56 20.57 20.58 20.59 20.60 20.61 20.62 20.63 20.64 20.65 20.66 20.67 20.68 20.69 20.70 20.71 20.72 20.73 20.74 20.75 20.76 20.77 20.78 20.79 20.80 20.81 20.82 20.83 20.84 20.85 20.86 20.87 20.88 20.89 20.90 20.91 20.92 20.93 20.94 20.95 20.96 20.97 20.98 20.99 21.00 21.01 21.02 21.03 21.04 21.05 21.06 21.07 21.08 21.09 21.10 21.11 21.12 21.13 21.14 21.15 21.16 21.17 21.18 21.19 21.20 21.21 21.22 21.23 21.24 21.25 21.26 21.27 21.28 21.29 21.30 21.31 21.32 21.33 21.34 21.35 21.36 21.37 21.38 21.39 21.40 21.41 21.42 21.43 21.44 21.45 21.46 21.47 21.48 21.49 21.50 21.51 21.52 21.53 21.54 21.55 21.56 21.57 21.58 21.59 21.60 21.61 21.62 21.63 21.64 21.65 21.66 21.67 21.68 21.69 21.70 21.71 21.72 21.73 21.74 21.75 21.76 21.77 21.78 21.79 21.80 21.81 21.82 21.83 21.84 21.85 21.86 21.87 21.88 21.89 21.90 21.91 21.92 21.93 21.94 21.95 21.96 21.97 21.98 21.99 22.00 22.01 22.02 22.03 22.04 22.05 22.06 22.07 22.08 22.09 22.10 22.11 22.12 22.13 22.14 22.15 22.16 22.17 22.18 22.19 22.20 22.21 22.22 22.23 22.24 22.25 22.26 22.27 22.28 22.29 22.30 22.31 22.32 22.33 22.34 22.35 22.36 22.37 22.38 22.39 22.40 22.41 22.42 22.43 22.44 22.45 22.46 22.47 22.48 22.49 22.50 22.51 22.52 22.53 22.54 22.55 22.56 22.57 22.58 22.59 22.60 22.61 22.62 22.63 22.64 22.65 22.66 22.67 22.68 22.69 22.70 22.71 22.72 22.73 22.74 22.75 22.76 22.77 22.78 22.79 22.80 22.81 22.82 22.83 22.84 22.85 22.86 22.87 22.88 22.89 22.90 22.91 22.92 22.93 22.94 22.95 22.96 22.97 22.98 22.99 23.00 23.01 23.02 23.03 23.04 23.05 23.06 23.07 23.08 23.09 23.10 23.11 23.12 23.13 23.14 23.15 23.16 23.17 23.18 23.19 23.20 23.21 23.22 23.23 23.24 23.25 23.26 23.27 23.28 23.29 23.30 23.31 23.32 23.33 23.34 23.35 23.36 23.37 23.38 23.39 23.40 23.41 23.42 23.43 23.44 23.45 23.46 23.47 23.48 23.49 23.50 23.51 23.52 23.53 23.54 23.55 23.56 23.57 23.58 23.59 23.60 23.61 23.62 23.63 23.64 23.65 23.66 23.67 23.68 23.69 23.70 23.71 23.72 23.73 23.74 23.75 23.76 23.77 23.78 23.79 23.80 23.81 23.82 23.83 23.84 23.85 23.86 23.87 23.88 23.89 23.90 23.91 23.92 23.93 23.94 23.95 23.96 23.97 23.98 23.99 24.00 24.01 24.02 24.03 24.04 24.05 24.06 24.07 24.08 24.09 24.10 24.11 24.12 24.13 24.14 24.15 24.16 24.17 24.18 24.19 24.20 24.21 24.22 24.23 24.24 24.25 24.26 24.27 24.28 24.29 24.30 24.31 24.32 24.33 24.34 24.35 24.36 24.37 24.38 24.39 24.40 24.41 24.42 24.43 24.44 24.45 24.46 24.47 24.48 24.49 24.50 24.51 24.52 24.53 24.54 24.55 24.56 24.57 24.58 24.59 24.60 24.61 24.62 24.63 24.64 24.65 24.66 24.67 24.68 24.69 24.70 24.71 24.72 24.73 24.74 24.75 24.76 24.77 24.78 24.79 24.80 24.81 24.82 24.83 24.84 24.85 24.86 24.87 24.88 24.89 24.90 24.91 24.92 24.93 24.94 24.95 24.96 24.97 24.98 24.99 25.00 25.01 25.02 25.03 25.04 25.05 25.06 25.07 25.08 25.09 25.10 25.11 25.12 25.13 25.14 25.15 25.16 25.17 25.18 25.19 25.20 25.21 25.22 25.23 25.24 25.25 25.26 25.27 25.28 25.29 25.30 25.31 25.32 25.33 25.34 25.35 25.36 25.37 25.38 25.39 25.40 25.41 25.42 25.43 25.44 25.45 25.46 25.47 25.48 25.49 25.50 25.51 25.52 25.53 25.54 25.55 25.56 25.57 25.58 25.59 25.60 25.61 25.62 25.63 25.64 25.65 25.66 25.67 25.68 25.69 25.70 25.71 25.72 25.73 25.74 25.75 25.76 25.77 25.78 25.79 25.80 25.81 25.82 25.83 25.84 25.85 25.86 25.87 25.88 25.89 25.90 25.91 25.92 25.93 25.94 25.95 25.96 25.97 25.98 25.99 26.00 26.01 26.02 26.03 26.04 26.05 26.06 26.07 26.08 26.09 26.10 26.11 26.12 26.13 26.14 26.15 26.16 26.17 26.18 26.19 26.20 26.21 26.22 26.23 26.24 26.25 26.26 26.27 26.28 26.29 26.30 26.31 26.32 26.33 26.34 26.35 26.36 26.37 26.38 26.39 26.40 26.41 26.42 26.43 26.44 26.45 26.46 26.47 26.48 26.49 26.50 26.51 26.52 26.53 26.54 26.55 26.56 26.57 26.58 26.59 26.60 26.61 26.62 26.63 26.64 26.65 26.66 26.67 26.68 26.69 26.70 26.71 26.72 26.73 26.74 26.75 26.76 26.77 26.78 26.79 26.80 26.81 26.82 26.83 26.84 26.85 26.86 26.87 26.88 26.89 26.90 26.91 26.92 26.93 26.94 26.95 26.96 26.97 26.98 26.99 27.00 27.01 27.02 27.03 27.04 27.05 27.06 27.07 27.08 27.09 27.10 27.11 27.12 27.13 27.14 27.15 27.16 27.17 27.18 27.19 27.20 27.21 27.22 27.23 27.24 27.25 27.26 27.27 27.28 27.29 27.30 27.31 27.32 27.33 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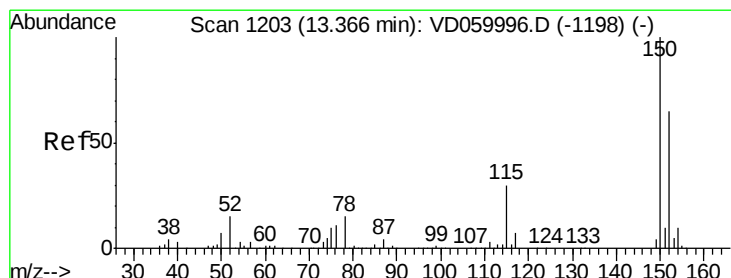
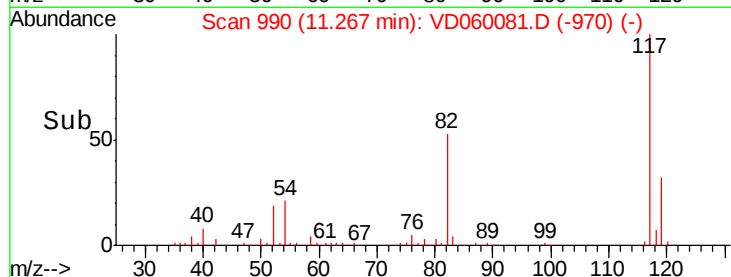
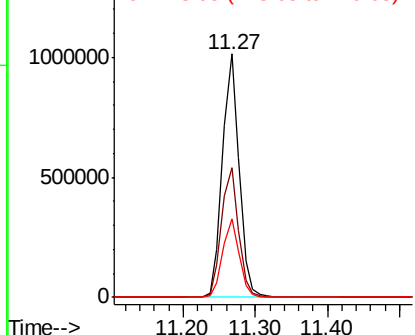
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 990
Delta R.T. -0.00 min
Lab File: VD060081.D
Acq: 24 Sep 2018 14:47

Instrument :
MSVOA_D
ClientSampleId :
RA-091918-S-NW-060RE

Tgt Ion:117 Resp: 1630742
Ion Ratio Lower Upper
117 100
82 53.2 41.7 62.5
119 32.1 26.0 39.0

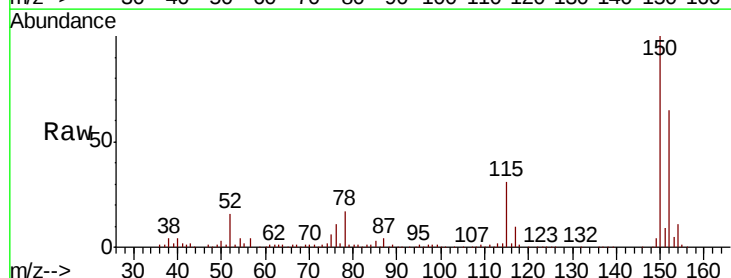


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

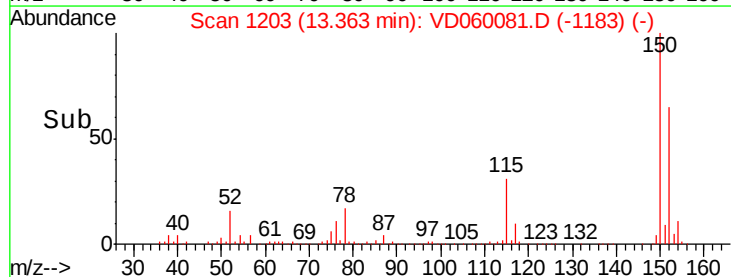
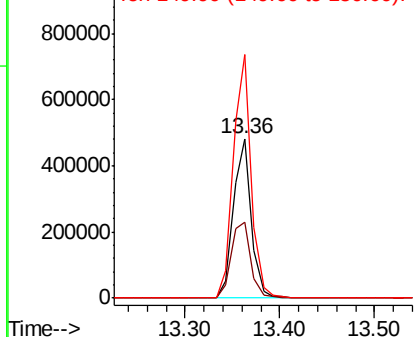


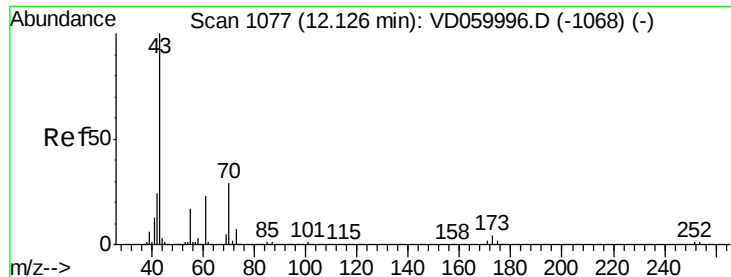
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.00 min
Lab File: VD060081.D
Acq: 24 Sep 2018 14:47

Tgt Ion:152 Resp: 629092
Ion Ratio Lower Upper
152 100
115 48.0 24.6 73.8
150 152.9 0.0 313.4



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





#74

N-amyI acetate

Concen: 2.500 ug/l

RT: 12.07 min Scan# 1072

Delta R.T. -0.05 min

Lab File: VD060081.D

Acq: 24 Sep 2018 14:47

Instrument :

MSVOA_D

ClientSampleId :

RA-091918-S-NW-060RE

Tgt Ion: 43 Resp: 40856

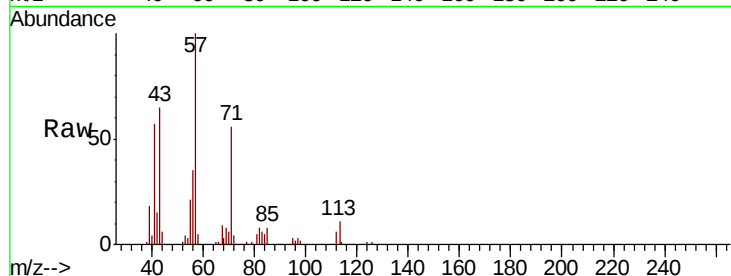
Ion Ratio Lower Upper

43 100

70 9.8 22.9 34.3#

55 31.8 14.0 21.0#

61 0.0 18.7 28.1#

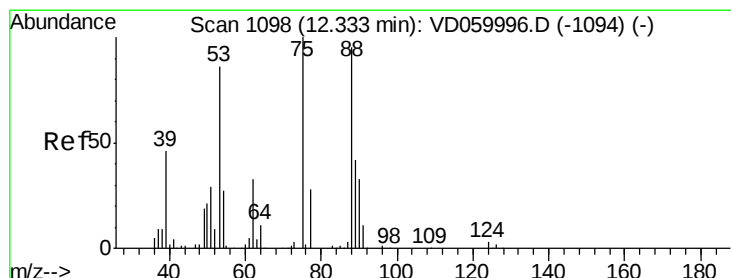
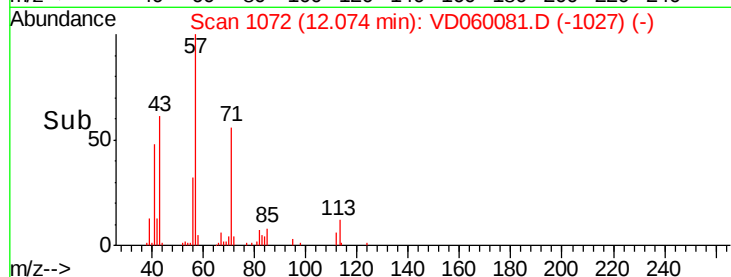
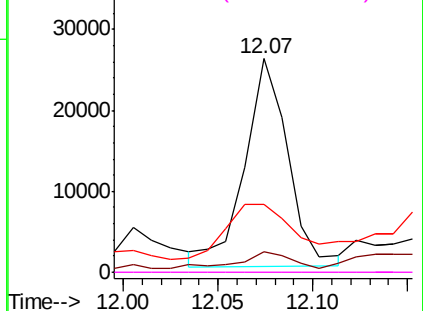


Abundance Ion 42.95 (42.65 to 43.65): VDC

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



#81

trans-1,4-Dichloro-2-butene

Concen: 62.220 ug/l

RT: 12.41 min Scan# 1106

Delta R.T. 0.08 min

Lab File: VD060081.D

Acq: 24 Sep 2018 14:47

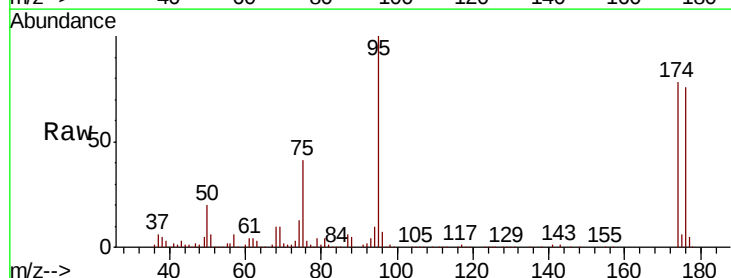
Tgt Ion: 75 Resp: 180457

Ion Ratio Lower Upper

75 100

53 1.0 68.4 102.6#

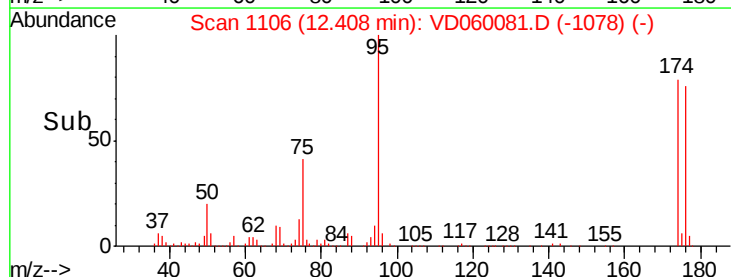
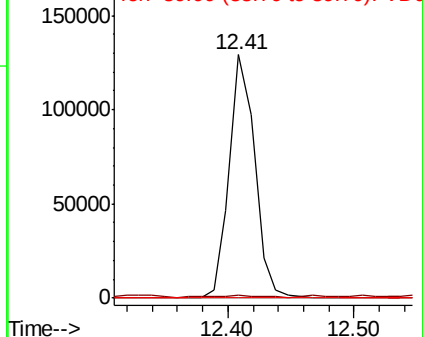
89 0.0 33.8 50.6#

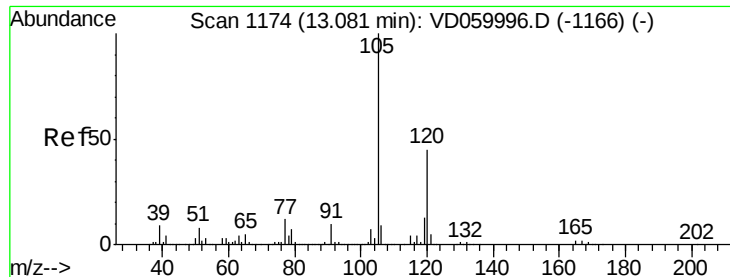


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

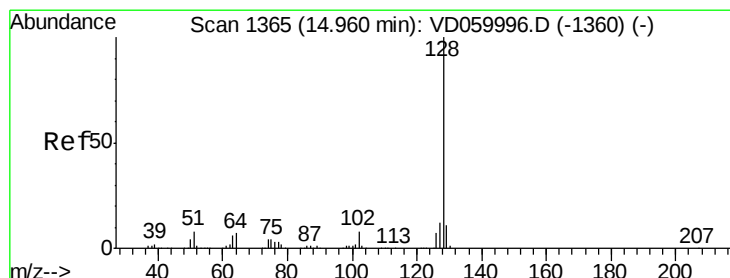
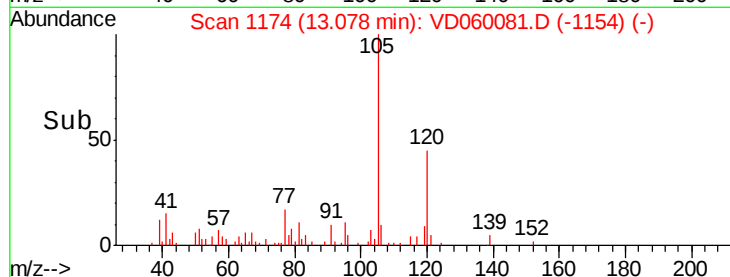
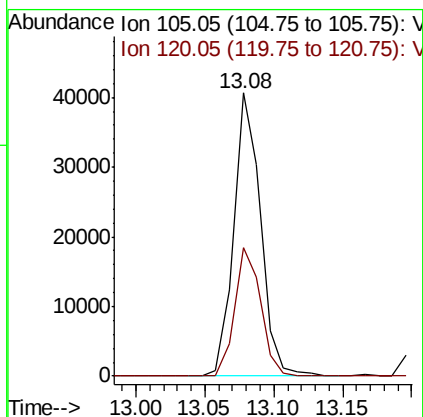
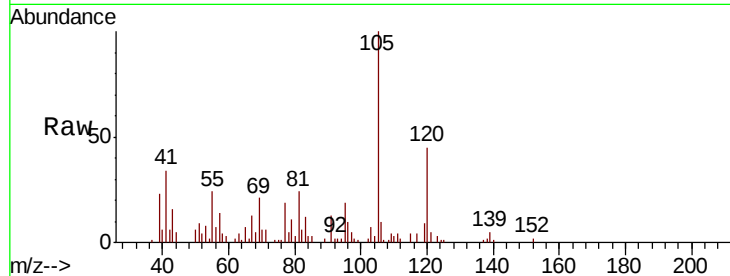




#84
 1,2,4-Trimethylbenzene
 Concen: 1.630 ug/l
 RT: 13.08 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VD060081.D
 Acq: 24 Sep 2018 14:47

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-S-NW-060RE

Tgt Ion:105 Resp: 54998
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.4 67.0



#95
 Naphthalene
 Concen: 1.299 ug/l
 RT: 14.96 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VD060081.D
 Acq: 24 Sep 2018 14:47

Tgt Ion:128 Resp: 29540
 Ion Ratio Lower Upper
 128 100
 127 21.5 9.7 14.5#
 129 33.5 8.9 13.3#

