

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054217.D
 Acq On : 13 Mar 2019 17:26
 Operator : JC/SP
 Sample : K1842-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 14 05:19:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1404941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2346219	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2427552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1146482	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	753159	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	
35) Dibromofluoromethane	7.59	113	730918	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
50) Toluene-d8	10.09	98	2881883	51.57	ug/l	0.00
Spiked Amount			Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.40	95	1115947	57.07	ug/l	0.00
Spiked Amount			Recovery	=	114.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.95	142	32	1.498	ug/l #	1
11) Tert butyl alcohol	4.82	59	317	0.310	ug/l #	70
14) Allyl chloride	4.52	41	47546	2.539	ug/l #	57
15) Acrylonitrile	5.04	53	8699	2.070	ug/l #	41
16) Acetone	3.81	43	18681	4.373	ug/l #	67
18) Methyl Acetate	4.53	43	111688	12.922	ug/l #	49
30) Chloroform	7.32	83	29740	1.188	ug/l #	17
31) Cyclohexane	7.66	56	105752	3.573	ug/l #	77
36) 1,1-Dichloropropene	7.66	75	82625	3.824	ug/l #	49
38) Carbon Tetrachloride	7.66	117	113738	5.020	ug/l #	16
39) Methylcyclohexane	9.08	83	116672	4.389	ug/l	97
40) Benzene	8.04	78	22006	0.356	ug/l	92
41) Methacrylonitrile	7.19	41	2540	0.358	ug/l #	36
43) Isopropyl Acetate	8.15	43	15021	0.689	ug/l #	60
47) Bromodichloromethane	9.38	83	11786	0.567	ug/l #	24
48) Methyl methacrylate	9.22	41	2399	0.217	ug/l #	11
52) Toluene	10.16	92	19707	0.503	ug/l	89
53) t-1,3-Dichloropropene	10.38	75	160	1.992	ug/l #	1
55) 1,1,2-Trichloroethane	10.53	97	34155	2.386	ug/l #	18
56) Ethyl methacrylate	10.43	69	4695	0.275	ug/l #	21
58) 2-Chloroethyl Vinyl ether	9.68	63	248	16.859	ug/l #	44
67) Ethyl Benzene	11.51	91	95822	1.084	ug/l	100
71) Bromoform	12.40	173	6653	2.780	ug/l #	1
73) Isopropylbenzene	12.25	105	4307660	46.962	ug/l	100
76) 1,2,3-Trichloropropane	12.40	75	545192	32.337	ug/l #	100
78) n-propylbenzene	12.59	91	1788267	17.967	ug/l	99
79) 2-Chlorotoluene	12.59	91	1788267	29.882	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.89	105	126806	1.662	ug/l	73
81) trans-1,4-Dichloro-2-buten	12.25	75	46721	9.473	ug/l #	69
82) 4-Chlorotoluene	12.59	91	1788267	29.926	ug/l #	39
83) tert-Butylbenzene	12.99	119	51492	0.733	ug/l	98
84) 1,2,4-Trimethylbenzene	12.89	105	126806	1.694	ug/l	77
85) sec-Butylbenzene	13.17	105	380794	4.181	ug/l	85
86) p-Isopropyltoluene	13.44	119	99638	1.247	ug/l	93

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MSVOA_N
ClientSampleId :

Quant Time: Mar 14 05:19:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

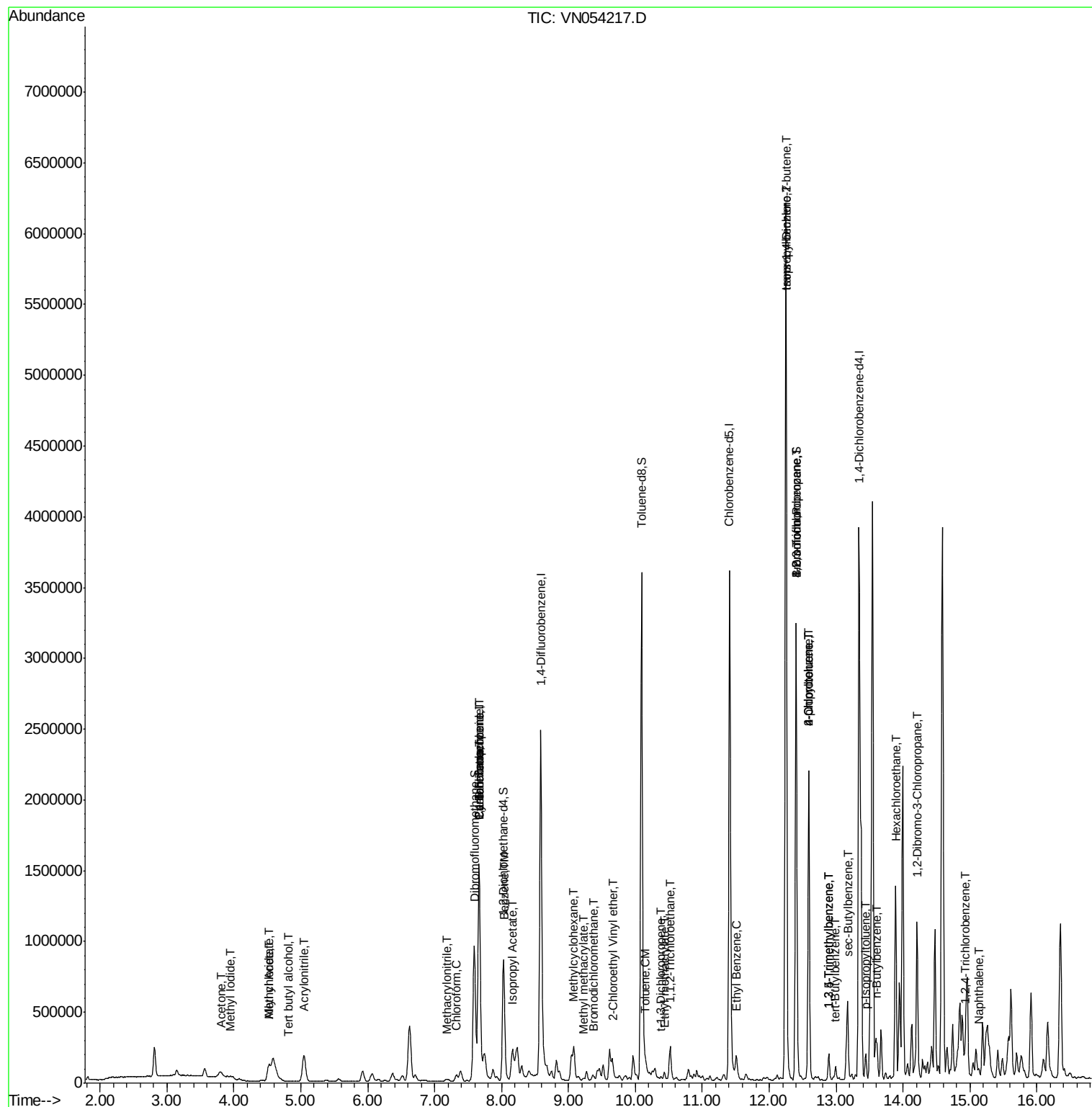
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.61	91	151434	2.494	ug/l #	76
90) Hexachloroethane	13.89	117	72184	5.456	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.21	75	4765	1.576	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	1765	2.586	ug/l #	1
95) Naphthalene	15.13	128	51706	4.427	ug/l #	93

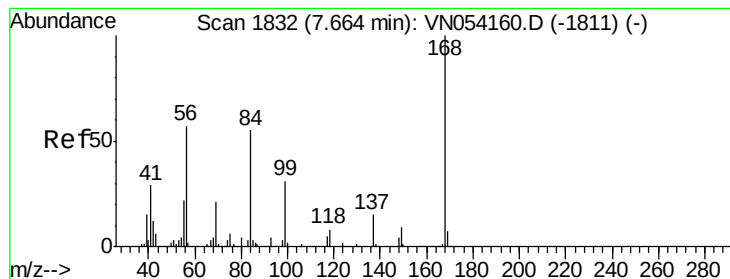
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054217.D

Acq: 13 Mar 2019 17:26

Instrument :

MSVOA_N

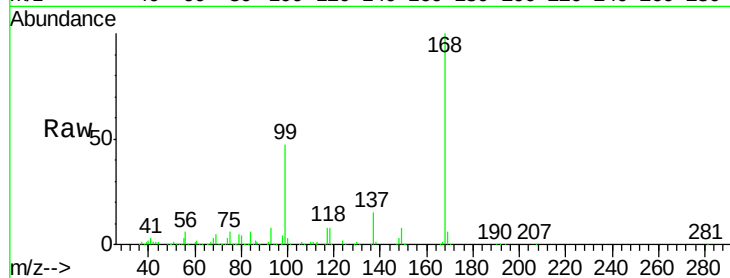
ClientSampleId :

Tot Ion:168 Resp: 1404941

Ion Ratio Lower Upper

168 100

99 46.9 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

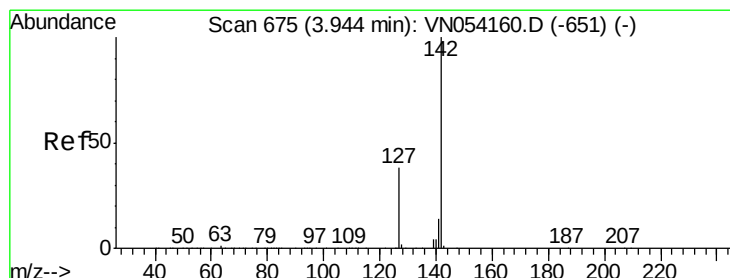
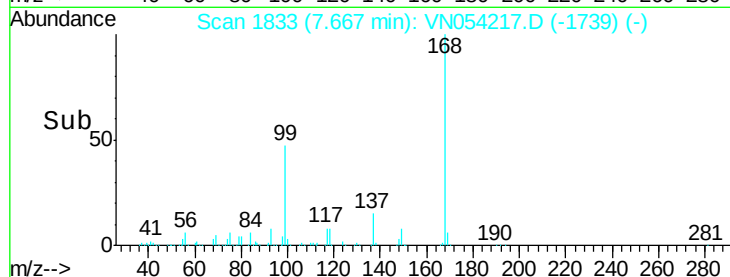
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 1.498 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.01 min

Lab File: VN054217.D

Acq: 13 Mar 2019 17:26

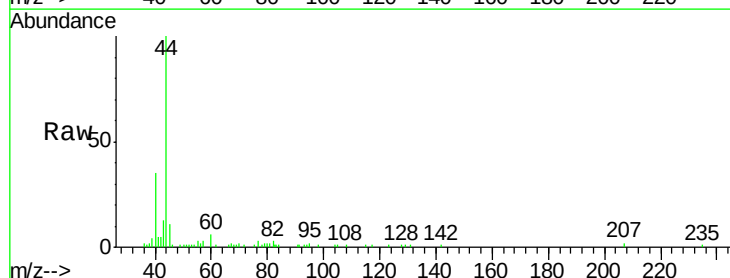
Tgt Ion:142 Resp: 32

Ion Ratio Lower Upper

142 100

127 0.0 30.3 45.5#

141 196.9 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

3.95

200

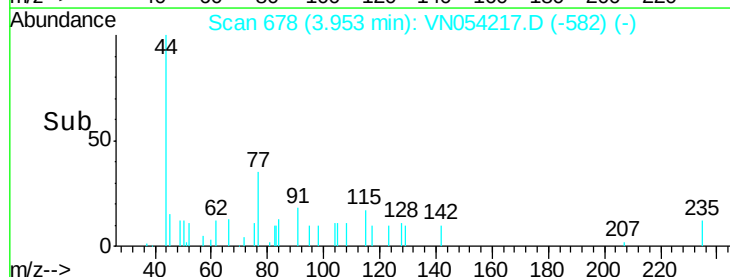
150

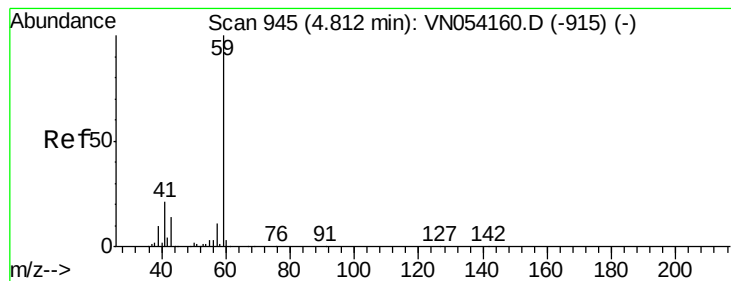
100

50

0

Time-->



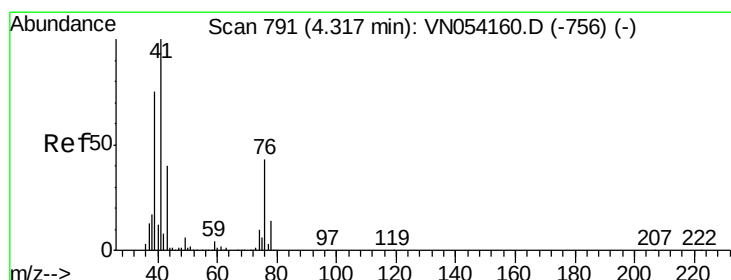
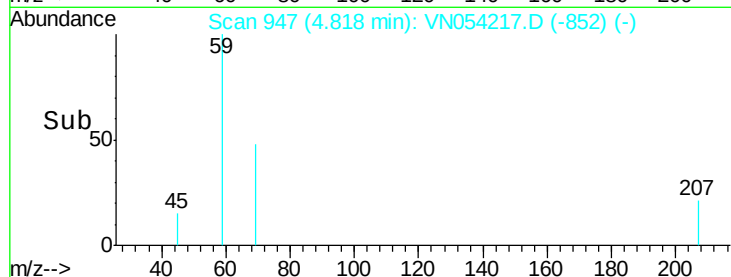
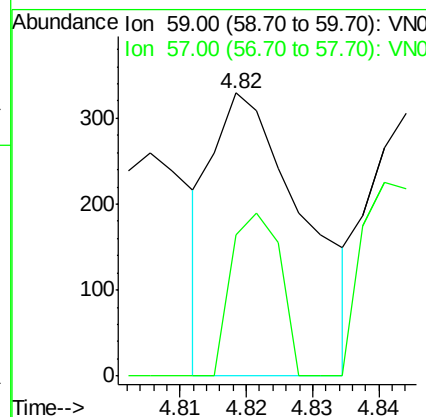
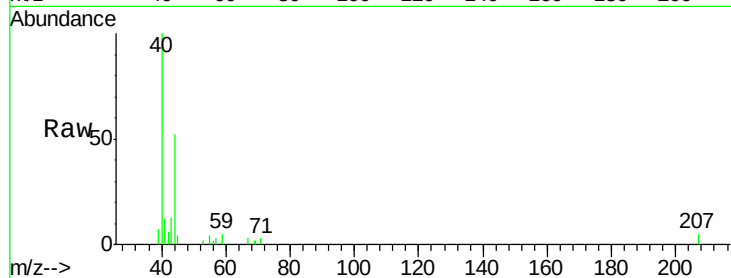


#11

Tert butyl alcohol
Concen: 0.310 ug/l
RT: 4.82 min Scan# 947
Delta R.T. 0.01 min
Lab File: VN054217.D
Acq: 13 Mar 2019 17:26

Instrument :
MSVOA_N
ClientSampled :

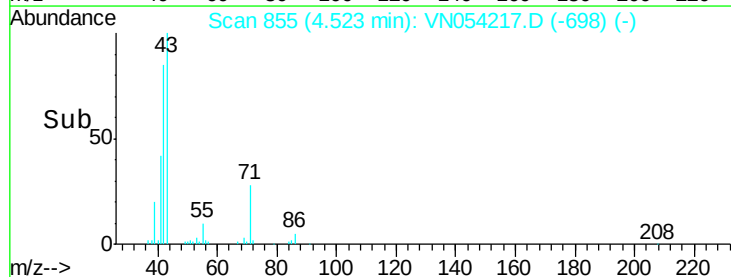
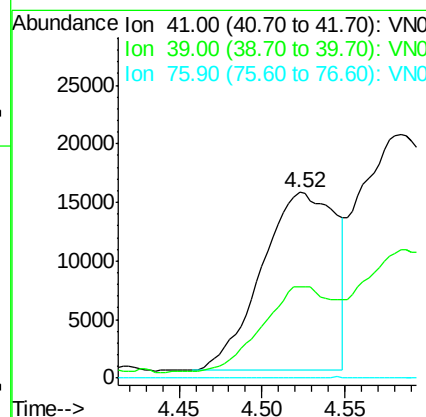
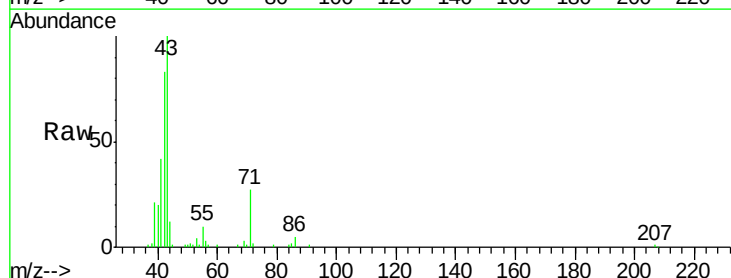
Tot Ion: 59 Resp: 317
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.6#

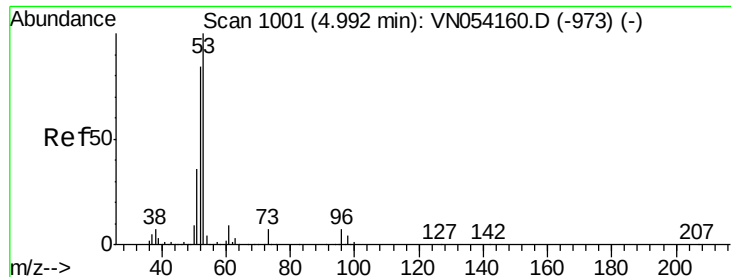


#14

Allyl chloride
Concen: 2.539 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.21 min
Lab File: VN054217.D
Acq: 13 Mar 2019 17:26

Tgt Ion: 41 Resp: 47546
Ion Ratio Lower Upper
41 100
39 46.1 58.2 87.4#
76 0.0 31.7 47.5#





#15

Acrylonitrile

Concen: 2.070 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. 0.05 min

Lab File: VN054217.D

Acq: 13 Mar 2019 17:26

Instrument :

MSVOA_N

ClientSampled :

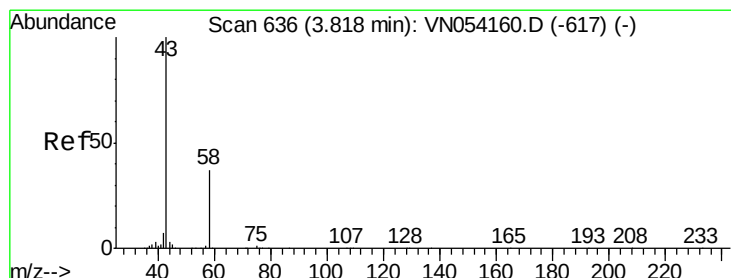
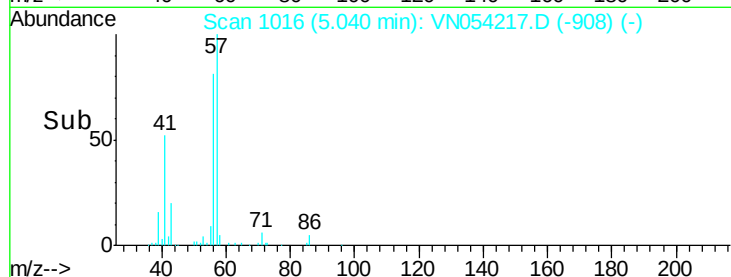
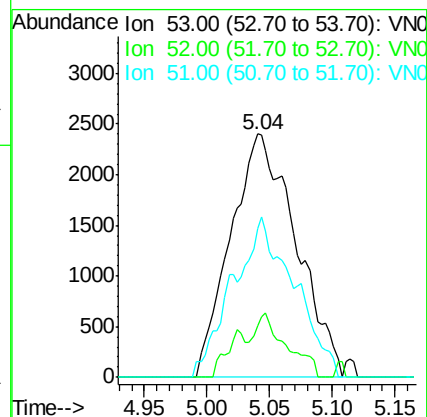
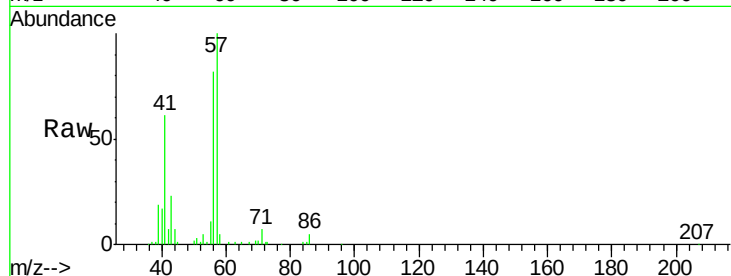
Tot Ion: 53 Resp: 8699

Ion Ratio Lower Upper

53 100

52 12.6 66.4 99.6#

51 46.0 29.6 44.4#



#16

Acetone

Concen: 4.373 ug/l

RT: 3.81 min Scan# 632

Delta R.T. -0.01 min

Lab File: VN054217.D

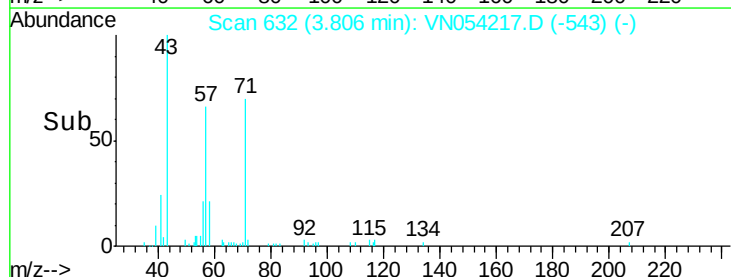
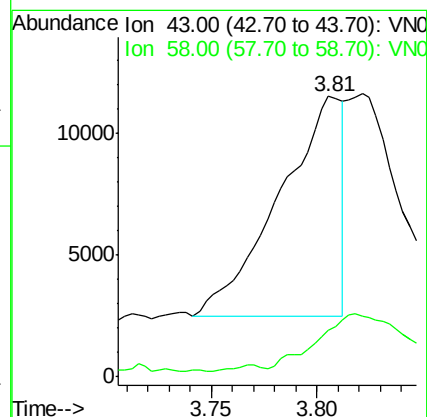
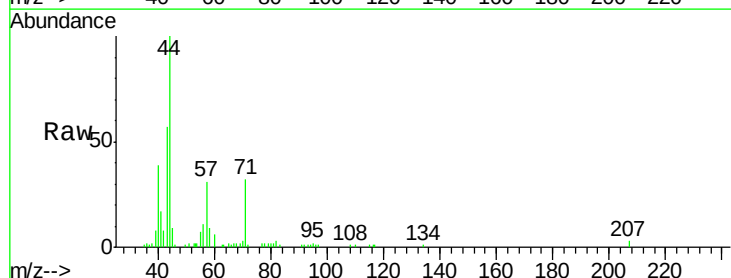
Acq: 13 Mar 2019 17:26

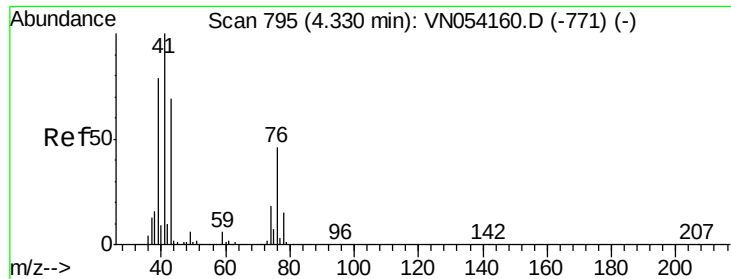
Tgt Ion: 43 Resp: 18681

Ion Ratio Lower Upper

43 100

58 17.6 29.9 44.9#

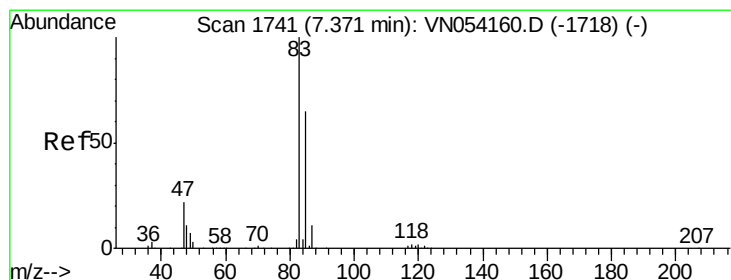
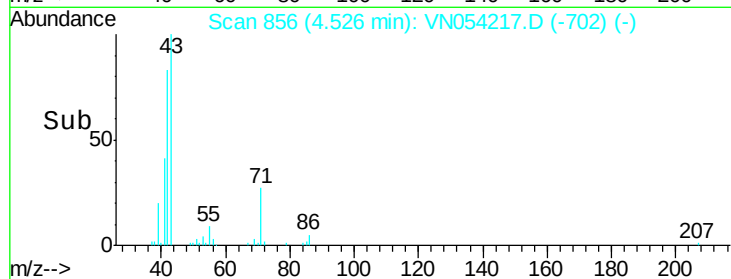
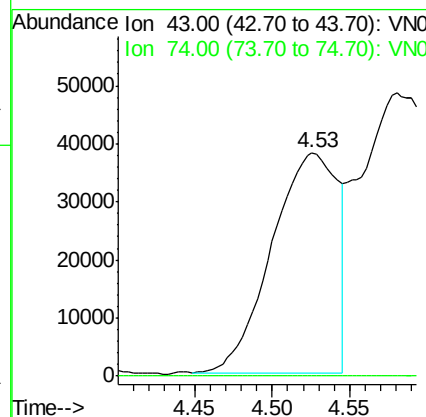
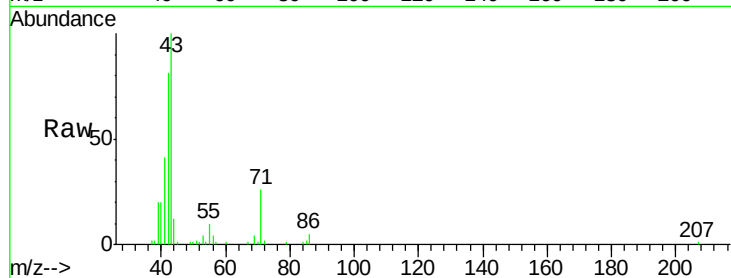




#18
Methvl Acetate
Concen: 12.922 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.20 min
Lab File: VN054217.D
Acq: 13 Mar 2019 17:26

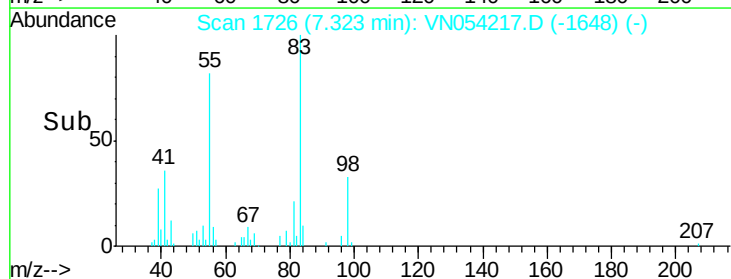
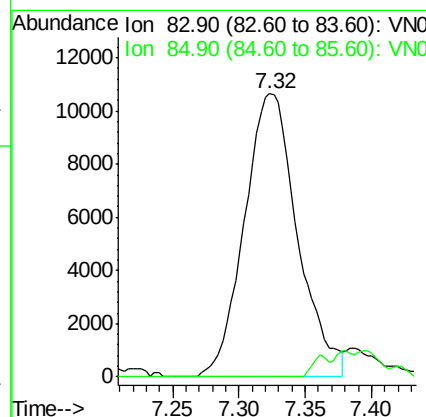
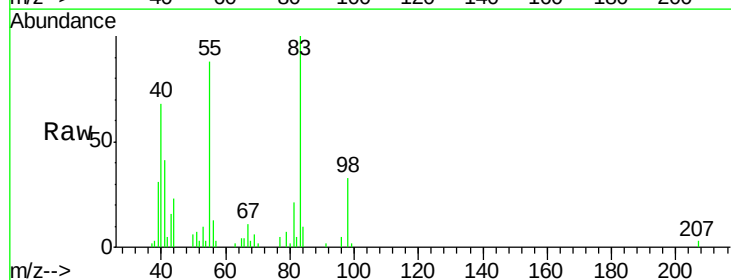
Instrument :
MSVOA_N
ClientSampled :

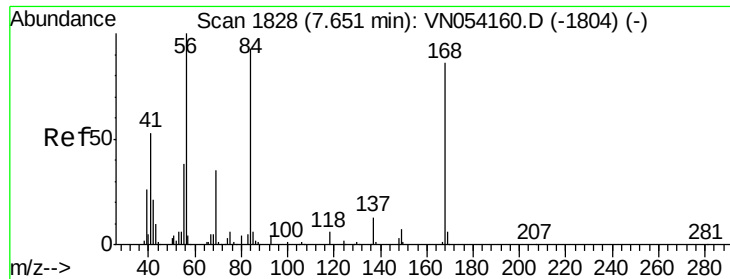
Tot Ion: 43 Resp: 111688
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#



#30
Chloroform
Concen: 1.188 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.05 min
Lab File: VN054217.D
Acq: 13 Mar 2019 17:26

Tgt Ion: 83 Resp: 29740
Ion Ratio Lower Upper
83 100
85 0.0 52.2 78.4#





#31

Cyclohexane

Concen: 3.573 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

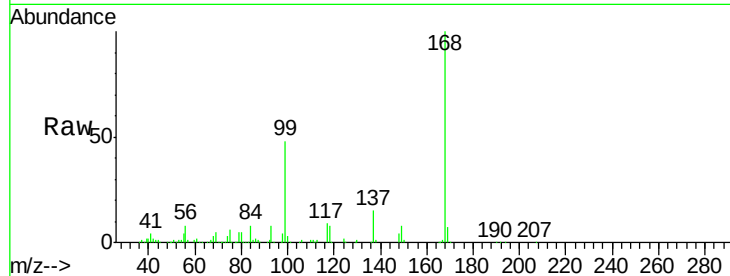
Lab File: VN054217.D

Acq: 13 Mar 2019 17:26

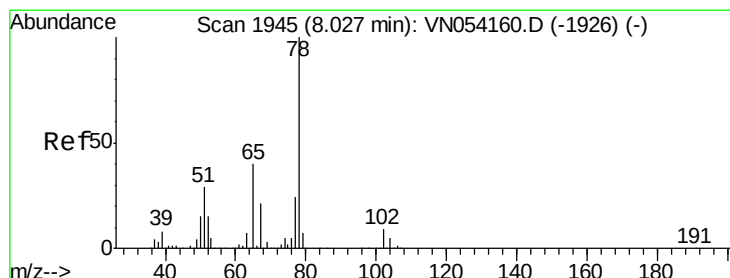
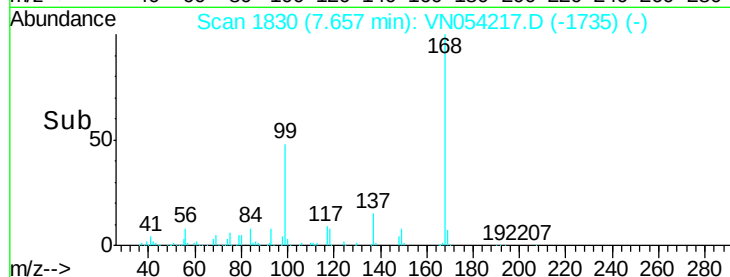
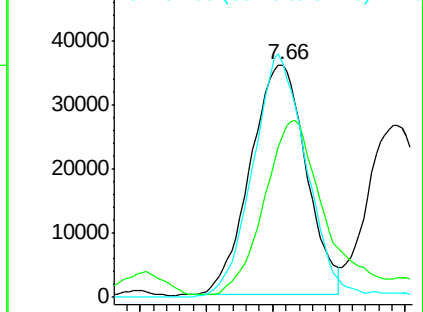
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 105752

Ion	Ratio	Lower	Upper
56	100		
69	69.5	27.8	41.6#
84	101.6	74.6	111.8



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.478 ug/l

RT: 8.03 min Scan# 1945

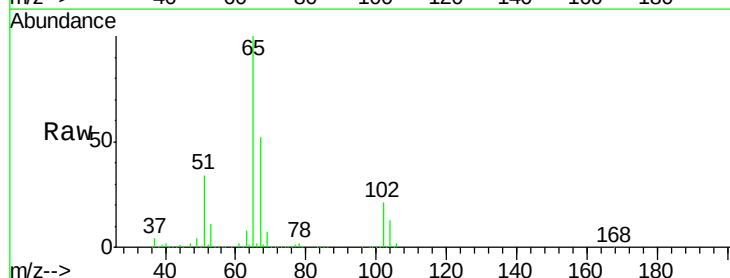
Delta R.T. 0.00 min

Lab File: VN054217.D

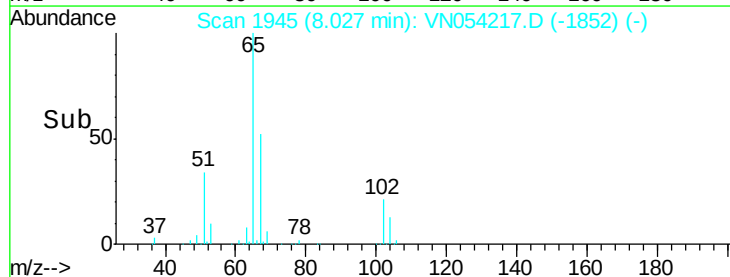
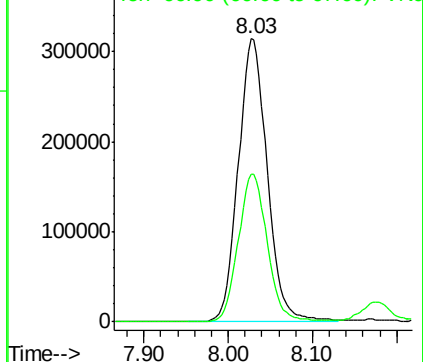
Acq: 13 Mar 2019 17:26

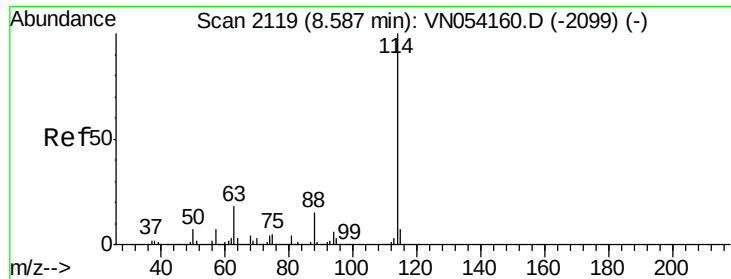
Tgt Ion: 65 Resp: 753159

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

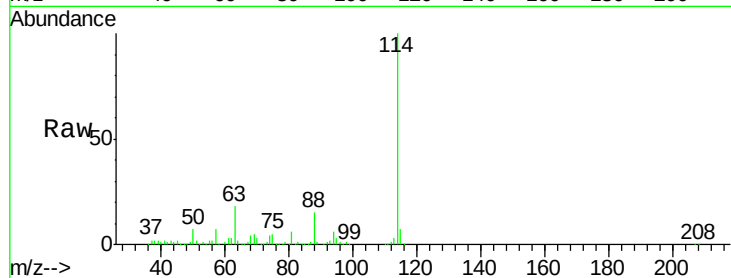




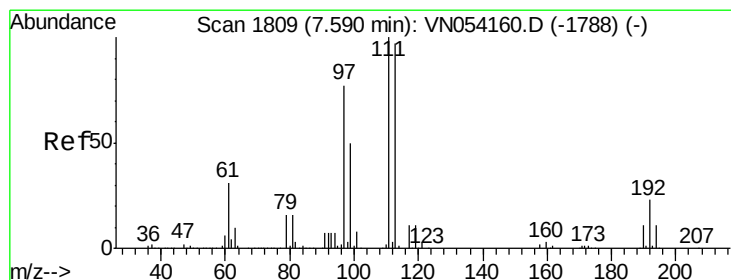
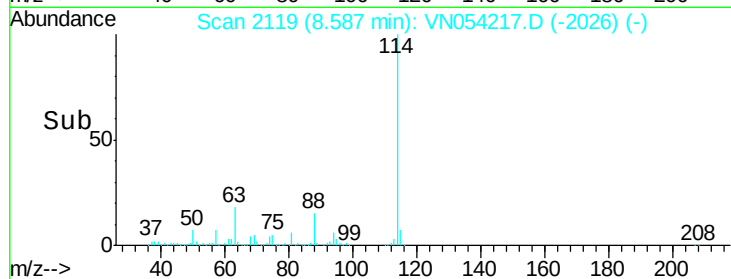
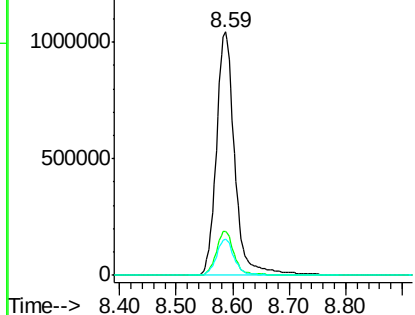
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054217.D
 Acq: 13 Mar 2019 17:26

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:114 Resp: 2346219
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 35.2
 88 14.7 0.0 30.2

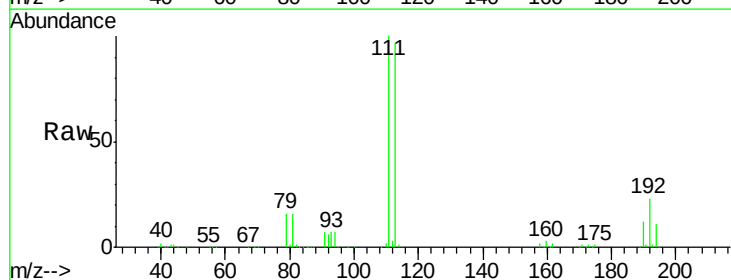


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

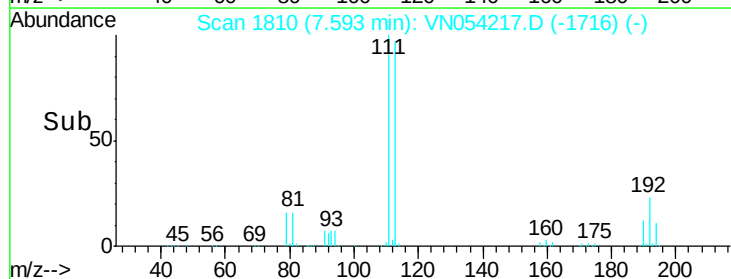
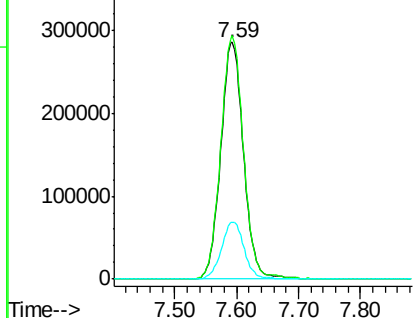


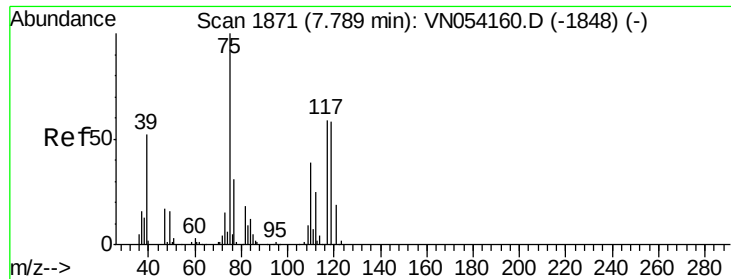
#35
 Dibromofluoromethane
 Concen: 48.302 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054217.D
 Acq: 13 Mar 2019 17:26

Tgt Ion:113 Resp: 730918
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.4
 192 24.0 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

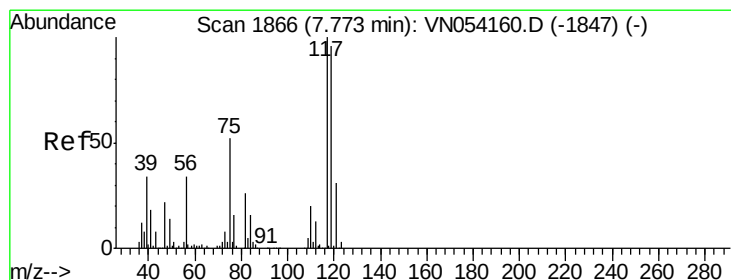
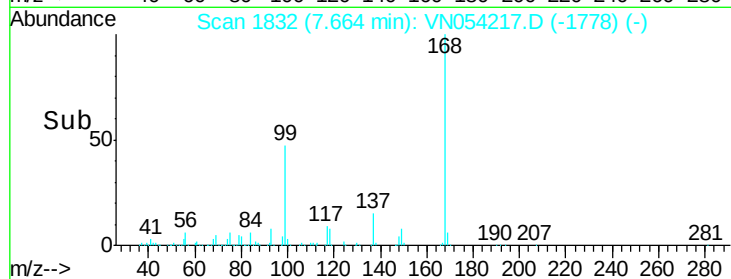
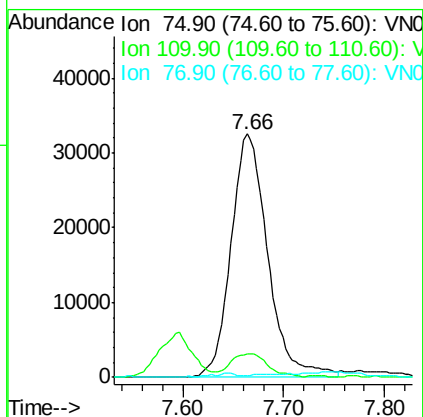
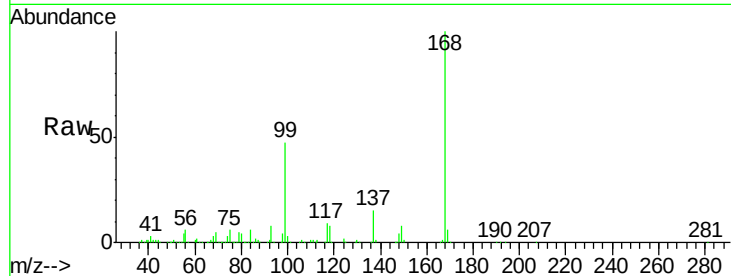




#36
 1,1-Dichloropropene
 Concen: 3.824 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054217.D
 Acq: 13 Mar 2019 17:26

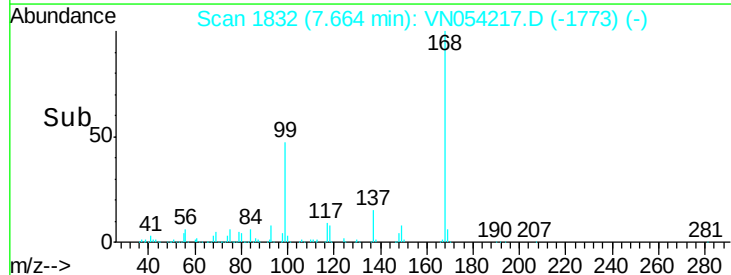
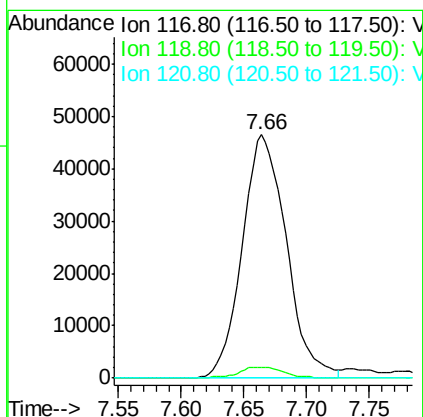
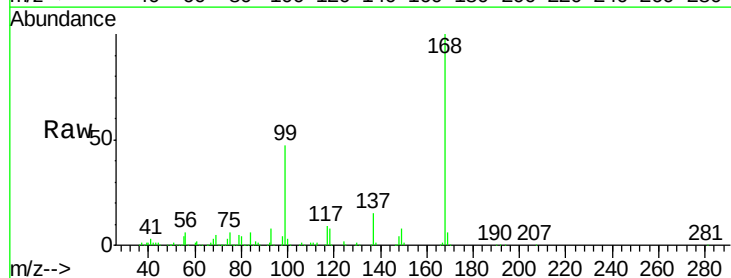
Instrument :
 MSVOA_N
 ClientSampleId :

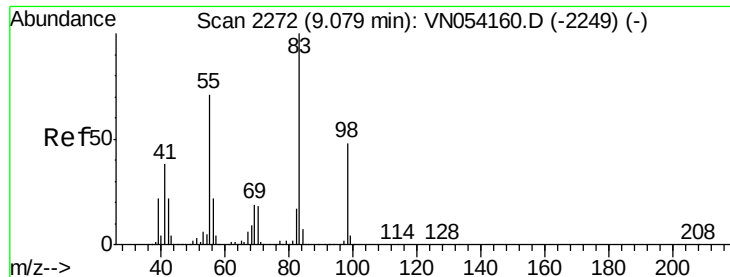
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.0	19.1	57.5#
77	0.2	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.020 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054217.D
 Acq: 13 Mar 2019 17:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.3	76.3	114.5#
121	0.0	24.6	36.8#

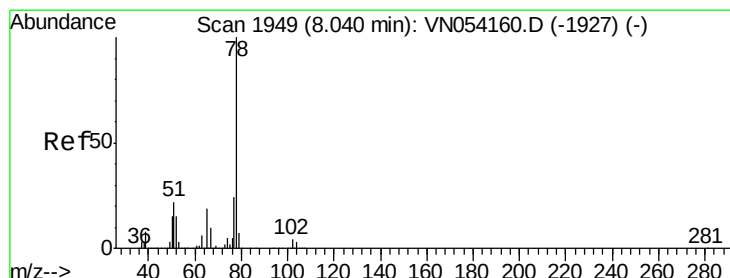
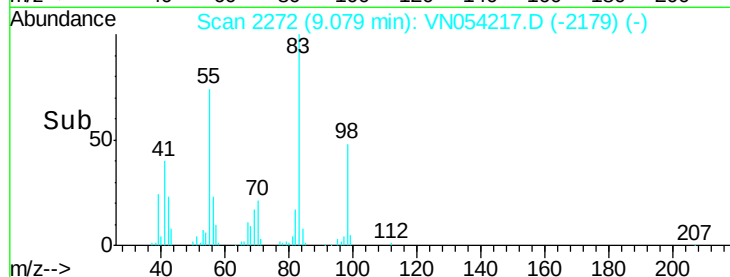
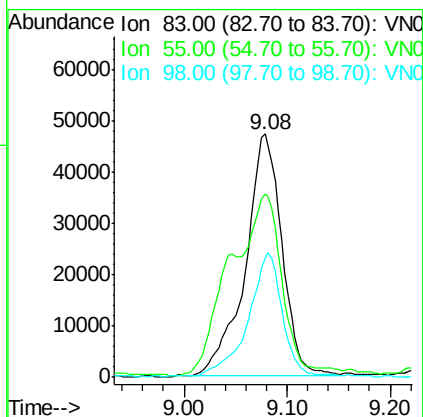
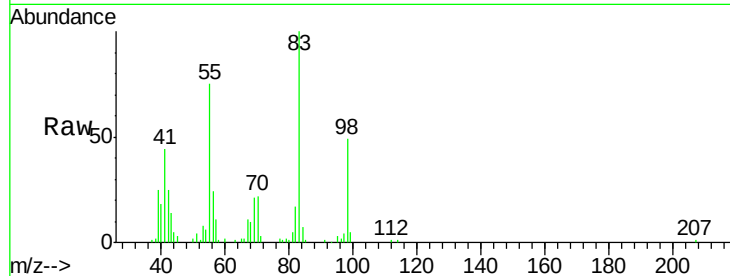




#39
Methylvlcyclohexane
Concen: 4.389 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN054217.D
Acq: 13 Mar 2019 17:26

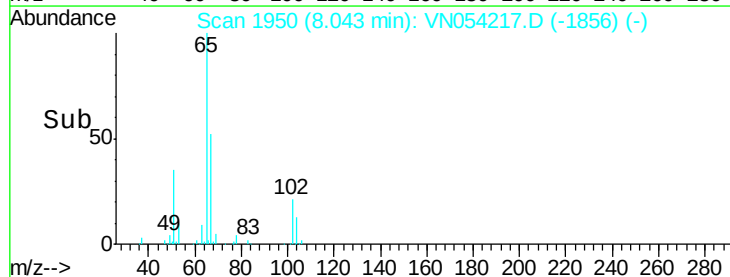
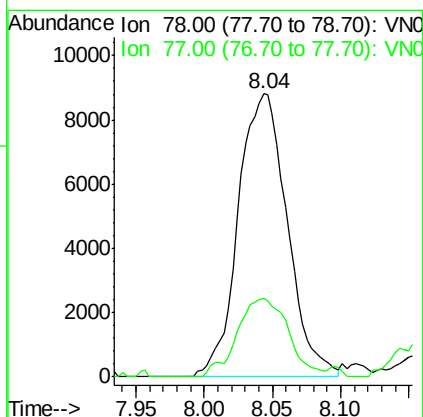
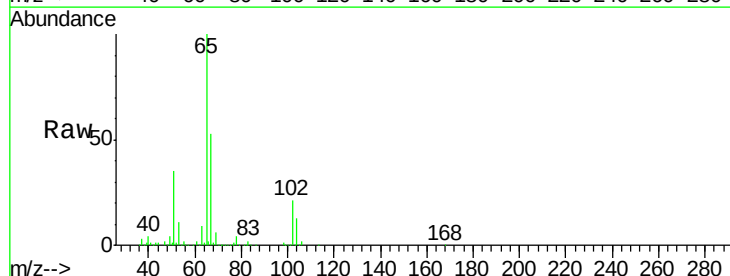
Instrument :
MSVOA_N
ClientSampled :

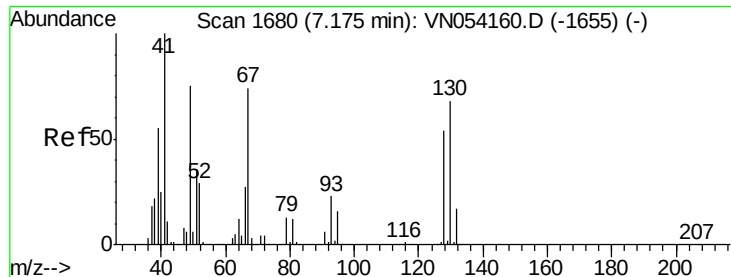
Tot Ion: 83 Resp: 116672
Ion Ratio Lower Upper
83 100
55 73.7 56.6 84.8
98 49.0 38.4 57.6



#40
Benzene
Concen: 0.356 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN054217.D
Acq: 13 Mar 2019 17:26

Tgt Ion: 78 Resp: 22006
Ion Ratio Lower Upper
78 100
77 27.8 19.1 28.7

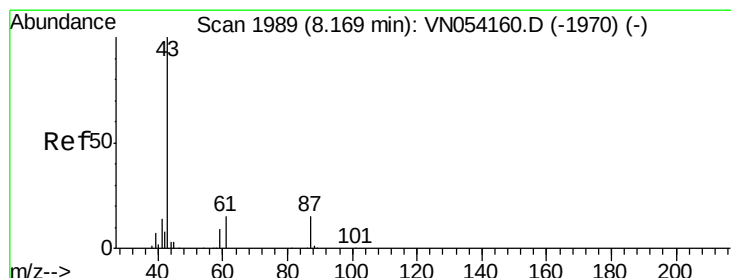
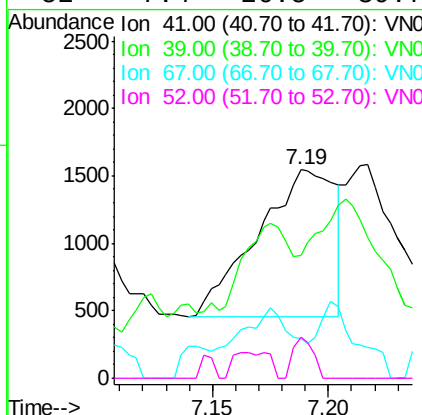
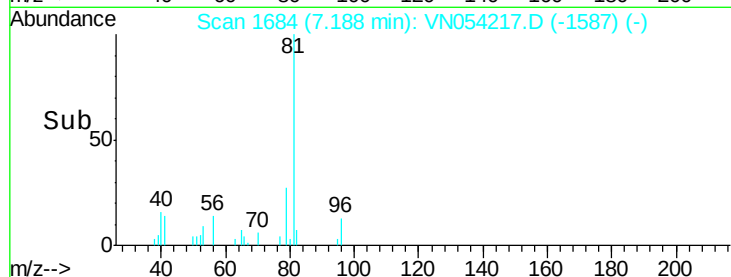
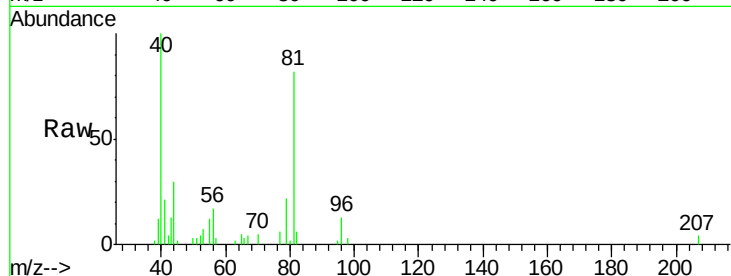




#41
Methacrylonitrile
Concen: 0.358 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VN054217.D
Acq: 13 Mar 2019 17:26

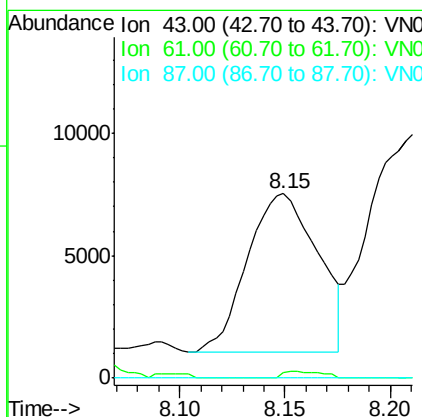
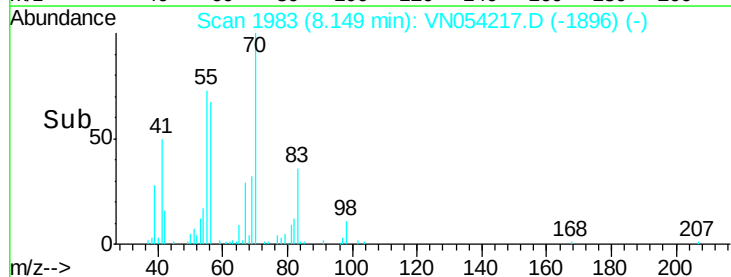
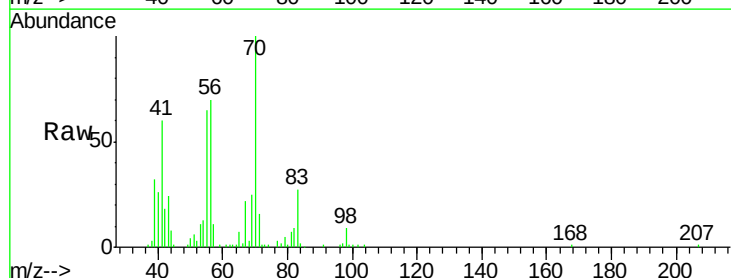
Instrument :
MSVOA_N
ClientSampled :

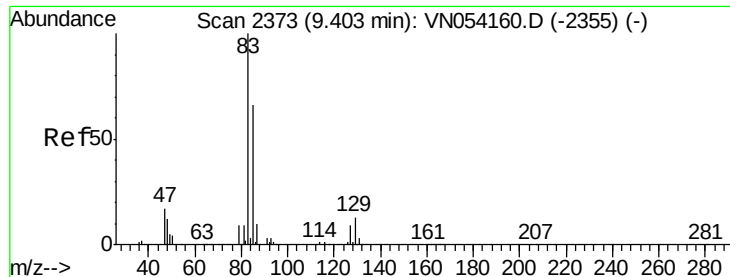
Tot Ion: 41 Resp: 2540
Ion Ratio Lower Upper
41 100
39 33.3 46.8 70.2#
67 0.0 67.0 100.4#
52 7.4 26.5 39.7#



#43
Isopropyl Acetate
Concen: 0.689 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. -0.02 min
Lab File: VN054217.D
Acq: 13 Mar 2019 17:26

Tgt Ion: 43 Resp: 15021
Ion Ratio Lower Upper
43 100
61 0.0 15.8 23.8#
87 0.0 12.0 18.0#





#47

Bromodichloromethane

Concen: 0.567 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.02 min

Lab File: VN054217.D

Acq: 13 Mar 2019 17:26

Instrument :

MSVOA_N

ClientSampled :

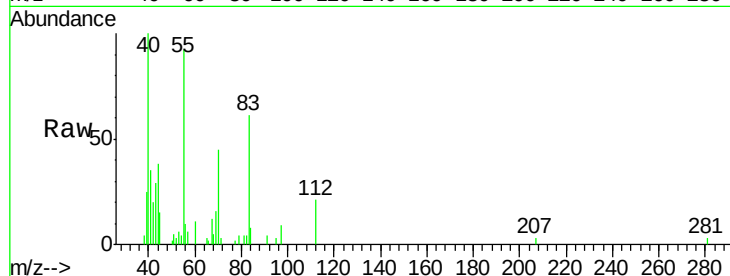
Tot Ion: 83 Resp: 11786

Ion Ratio Lower Upper

83 100

85 0.0 52.8 79.2#

127 0.0 7.4 11.2#

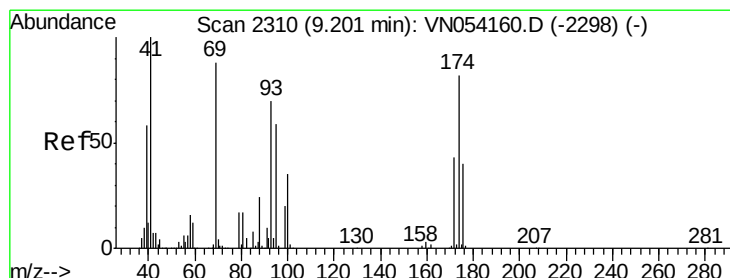
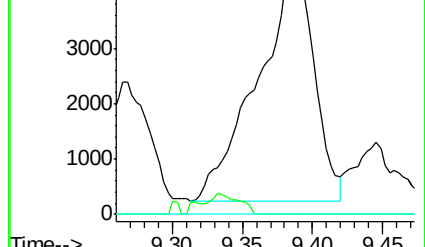
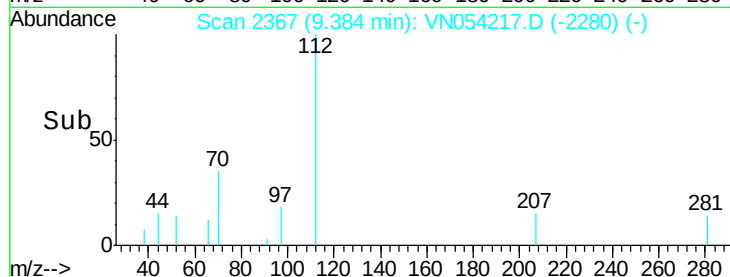


Abundance Ion 82.90 (82.60 to 83.60): VN054217.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN054217.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN054217.D (-2280) (-)

Time-->



#48

Methyl methacrylate

Concen: 0.217 ug/l

RT: 9.22 min Scan# 2317

Delta R.T. 0.02 min

Lab File: VN054217.D

Acq: 13 Mar 2019 17:26

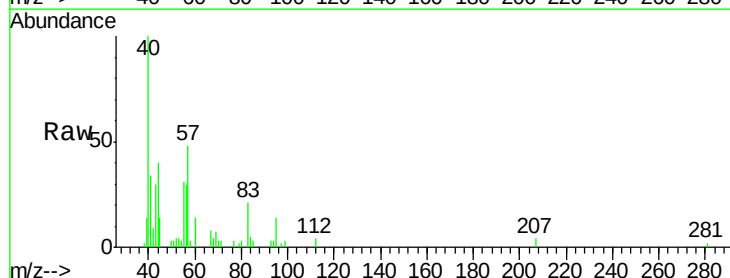
Tgt Ion: 41 Resp: 2399

Ion Ratio Lower Upper

41 100

69 0.0 72.6 108.8#

39 0.0 47.5 71.3#

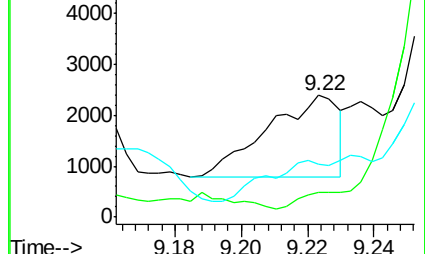
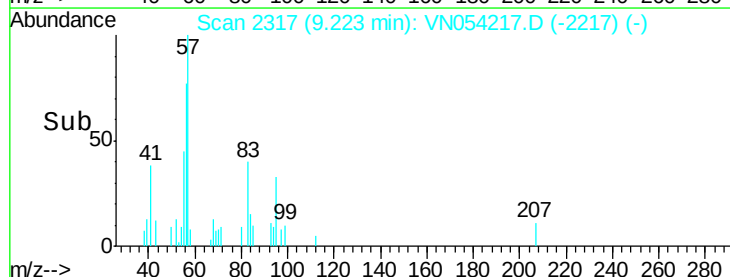


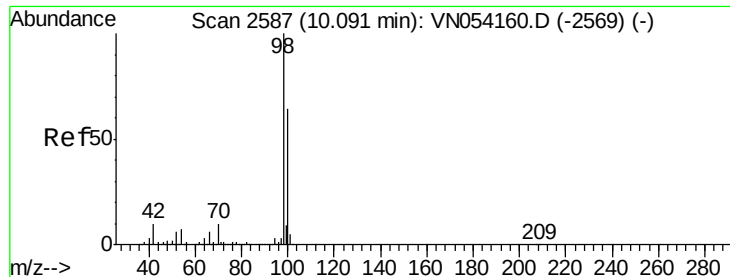
Abundance Ion 41.00 (40.70 to 41.70): VN054217.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN054217.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN054217.D (-2217) (-)

Time-->

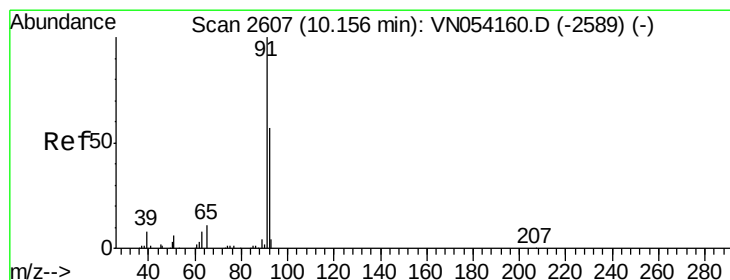
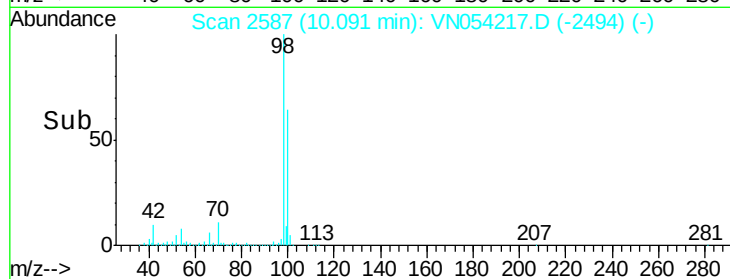
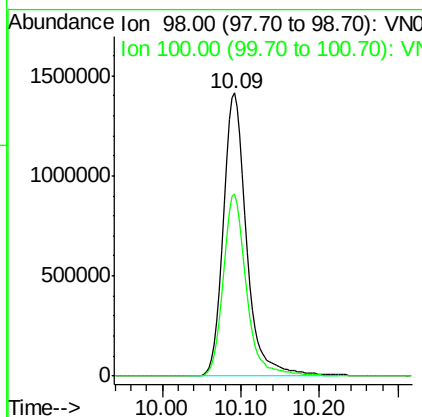
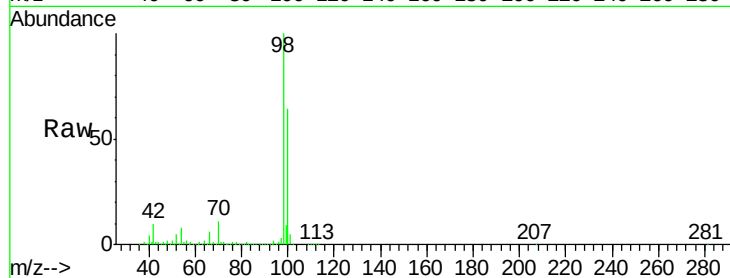




#50
Toluene-d8
Concen: 51.568 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054217.D
Acq: 13 Mar 2019 17:26

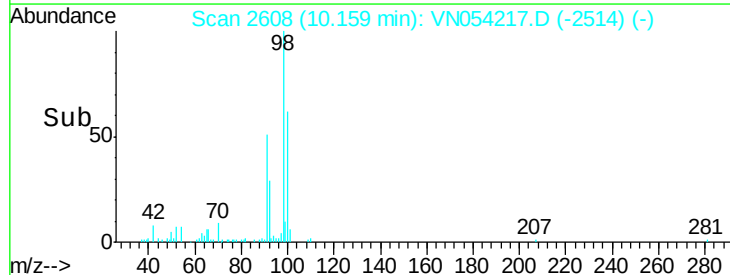
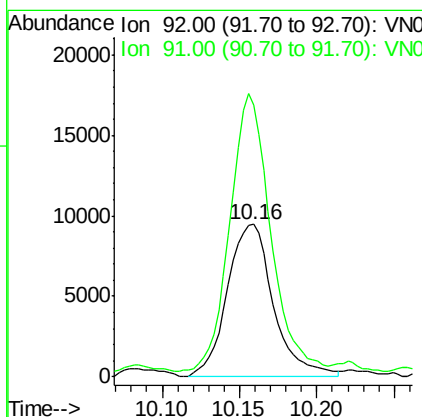
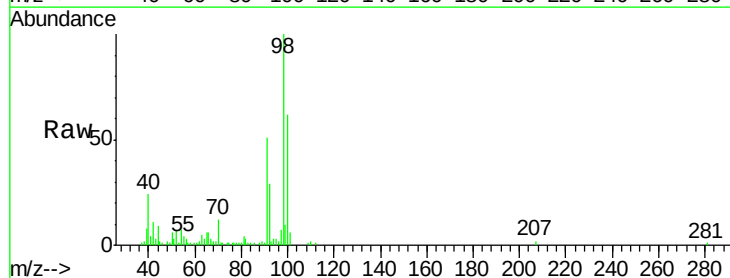
Instrument :
MSVOA_N
ClientSampleId :

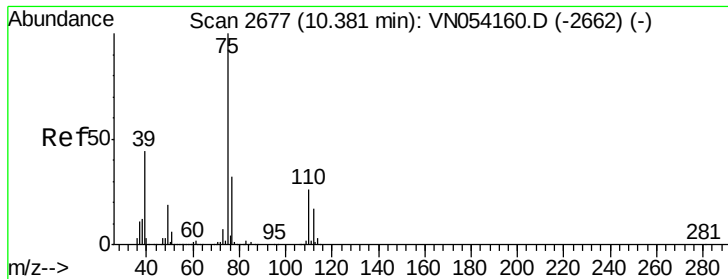
Tot Ion: 98 Resp: 2881883
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8



#52
Toluene
Concen: 0.503 ug/l
RT: 10.16 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN054217.D
Acq: 13 Mar 2019 17:26

Tgt Ion: 92 Resp: 19707
Ion Ratio Lower Upper
92 100
91 161.0 140.7 211.1

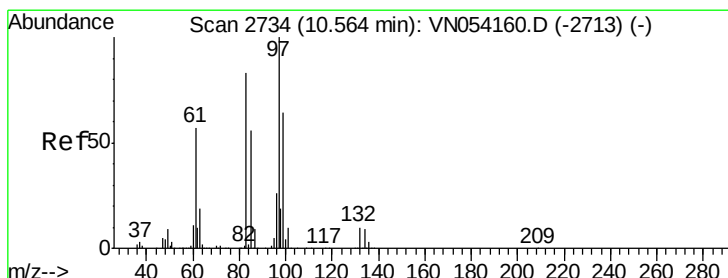
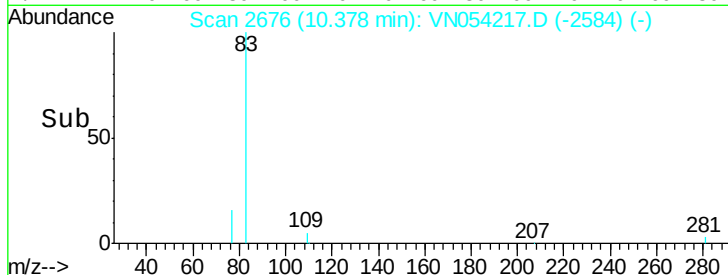
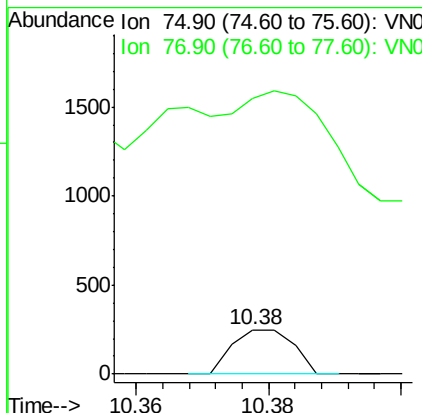
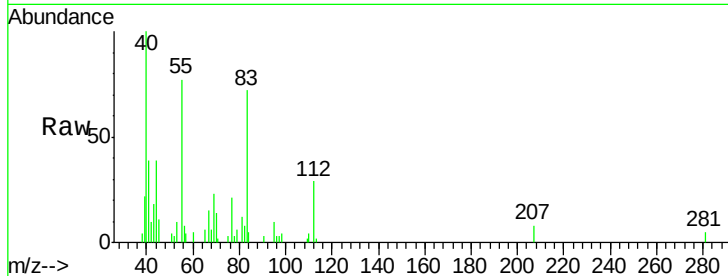




#53
t-1,3-Dichloropropene
Concen: 1.992 ug/l
RT: 10.38 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VN054217.D
Acq: 13 Mar 2019 17:26

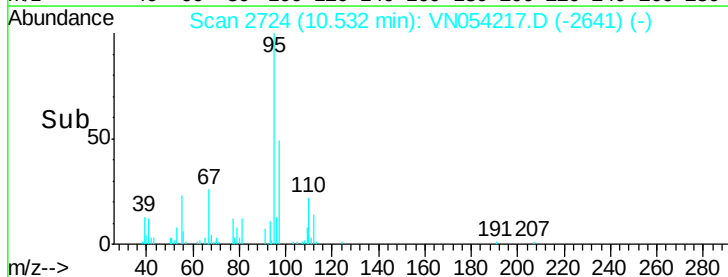
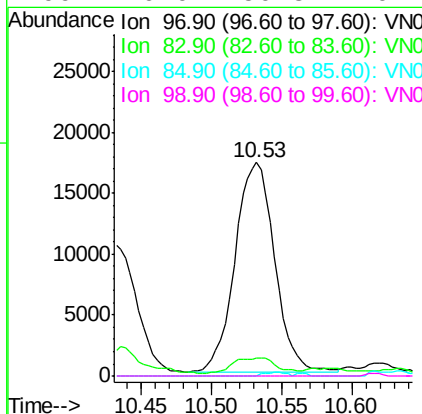
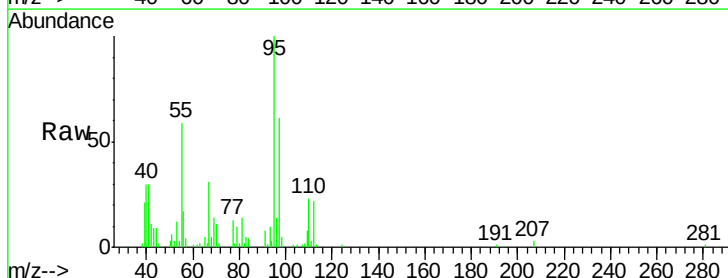
Instrument :
MSVOA_N
ClientSampleId :

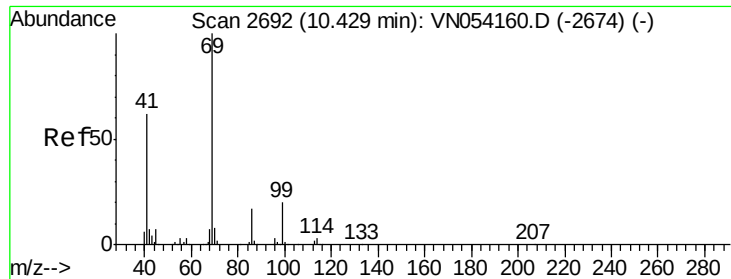
Tot Ion: 75 Resp: 160
Ion Ratio Lower Upper
75 100
77 108.8 25.8 38.8#



#55
1,1,2-Trichloroethane
Concen: 2.386 ug/l
RT: 10.53 min Scan# 2724
Delta R.T. -0.03 min
Lab File: VN054217.D
Acq: 13 Mar 2019 17:26

Tgt Ion: 97 Resp: 34155
Ion Ratio Lower Upper
97 100
83 6.6 66.6 100.0#
85 0.0 44.4 66.6#
99 0.0 50.8 76.2#





#56

Ethyl methacrylate

Concen: 0.275 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN054217.D

Acq: 13 Mar 2019 17:26

Instrument :

MSVOA_N

ClientSampled :

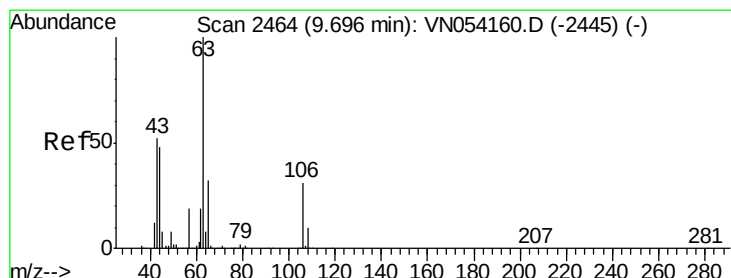
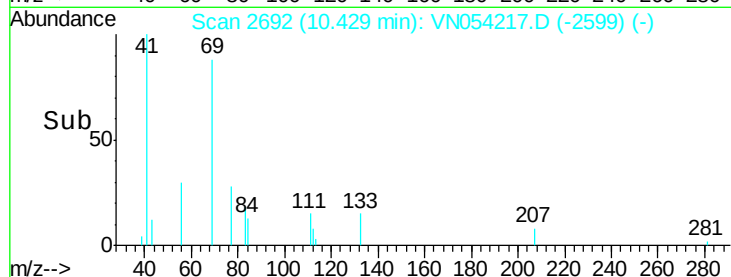
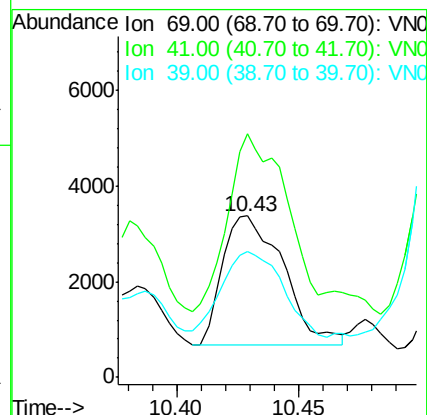
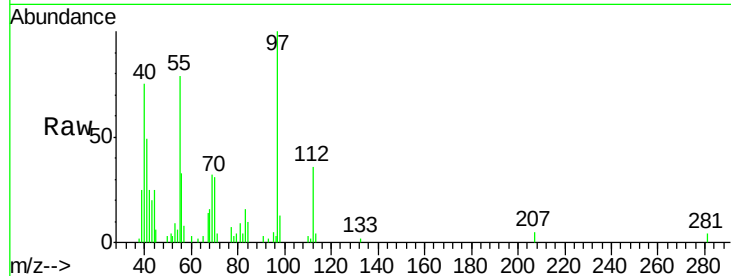
Tot Ion: 69 Resp: 4695

Ion Ratio Lower Upper

69 100

41 132.6 49.4 74.2#

39 67.8 28.3 42.5#



#58

2-Chloroethyl Vinyl ether

Concen: 16.859 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.02 min

Lab File: VN054217.D

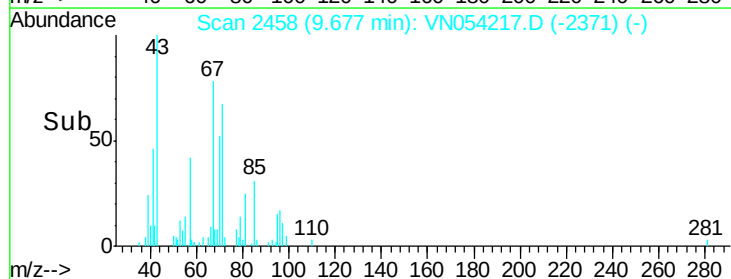
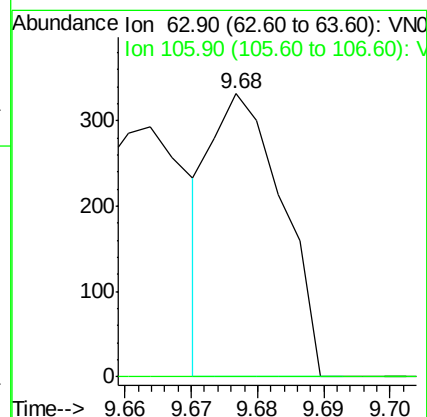
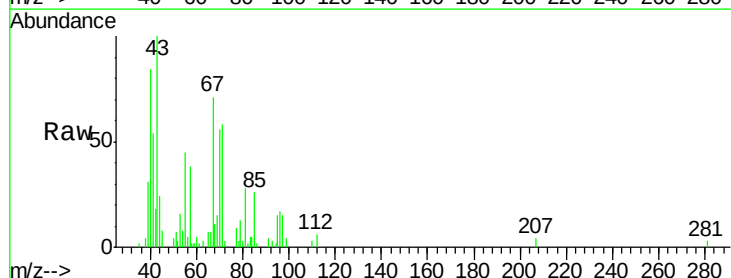
Acq: 13 Mar 2019 17:26

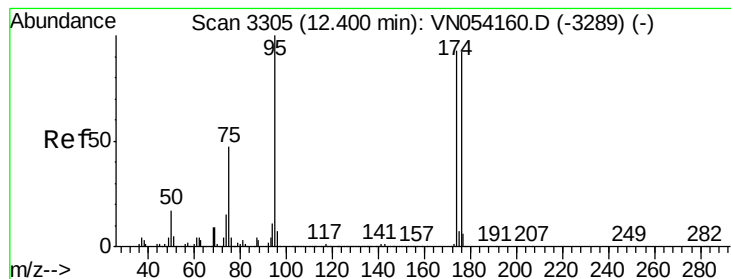
Tgt Ion: 63 Resp: 248

Ion Ratio Lower Upper

63 100

106 0.0 24.4 36.6#





#62

4-Bromofluorobenzene

Concen: 57.069 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054217.D

Acq: 13 Mar 2019 17:26

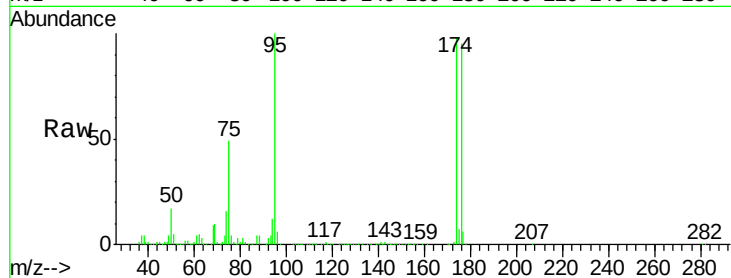
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 95 Resp: 1115947

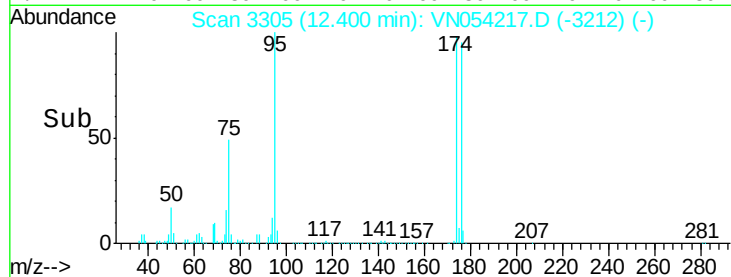
Ion	Ratio	Lower	Upper
95	100		
174	98.3	0.0	191.0
176	95.4	0.0	187.4



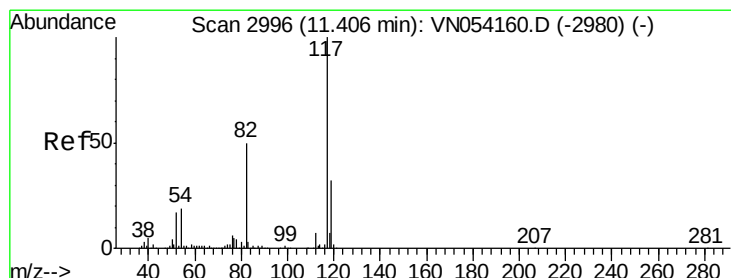
Abundance Ion 94.90 (94.60 to 95.60): VN054217.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN054217.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN054217.D (-3212) (-)



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

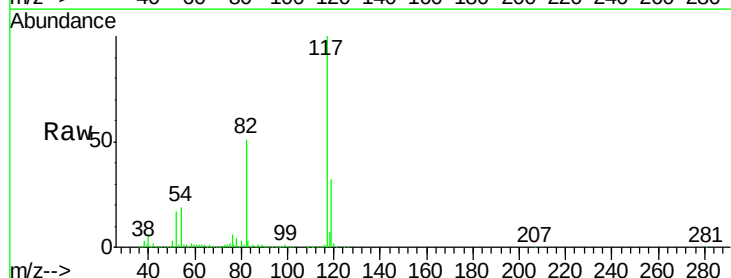
Delta R.T. 0.00 min

Lab File: VN054217.D

Acq: 13 Mar 2019 17:26

Tgt Ion: 117 Resp: 2427552

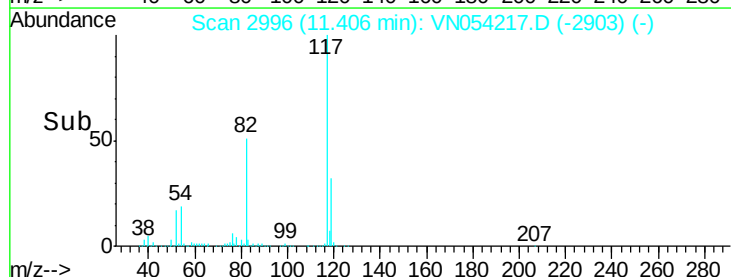
Ion	Ratio	Lower	Upper
117	100		
82	50.6	40.0	60.0
119	32.0	25.8	38.6



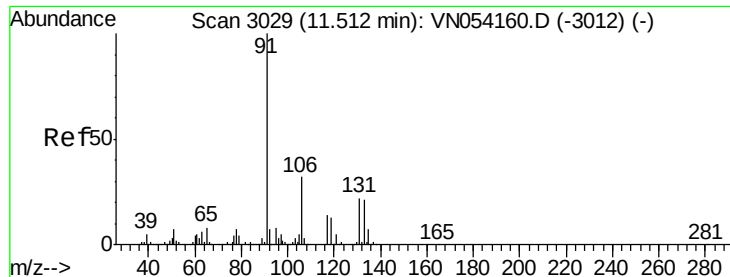
Abundance Ion 116.90 (116.60 to 117.60): VN054217.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054217.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054217.D (-2903) (-)



Time-->



#67

Ethyl Benzene

Concen: 1.084 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN054217.D

Acq: 13 Mar 2019 17:26

Instrument :

MSVOA_N

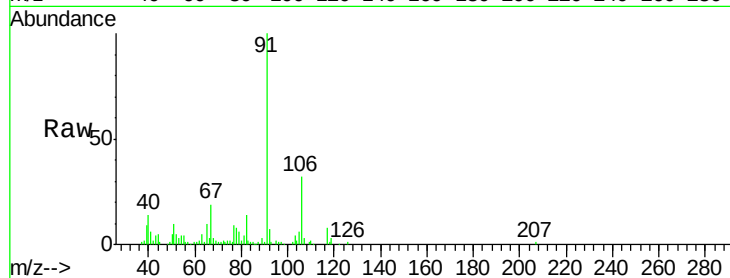
ClientSampleId :

Tot Ion: 91 Resp: 95822

Ion Ratio Lower Upper

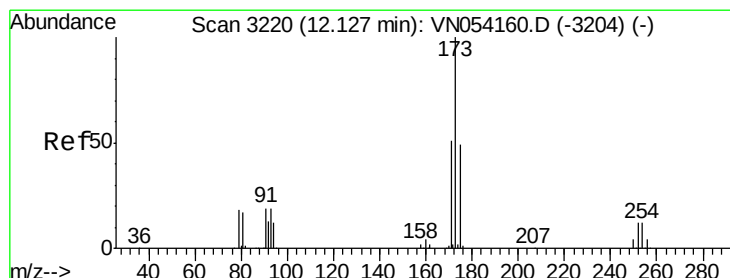
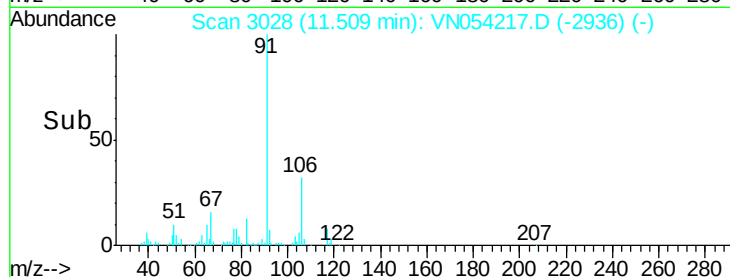
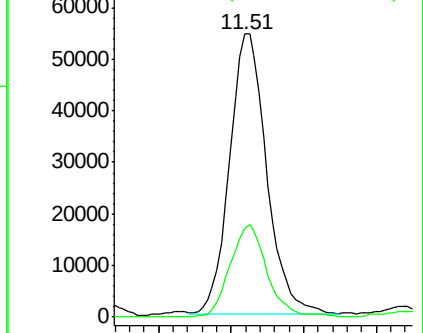
91 100

106 32.0 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VN054160.D (-3012) (-)

Ion 106.00 (105.70 to 106.70): VN054160.D (-3012) (-)



#71

Bromoform

Concen: 2.780 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN054217.D

Acq: 13 Mar 2019 17:26

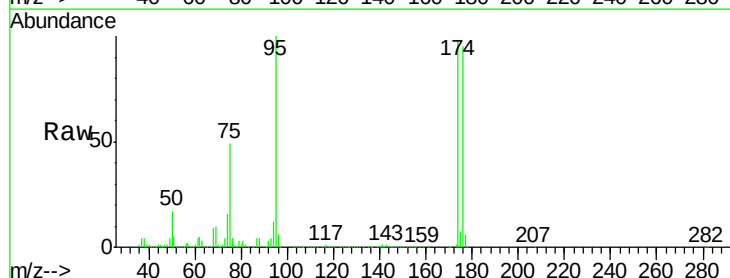
Tgt Ion: 173 Resp: 6653

Ion Ratio Lower Upper

173 100

175 993.7 24.4 73.2#

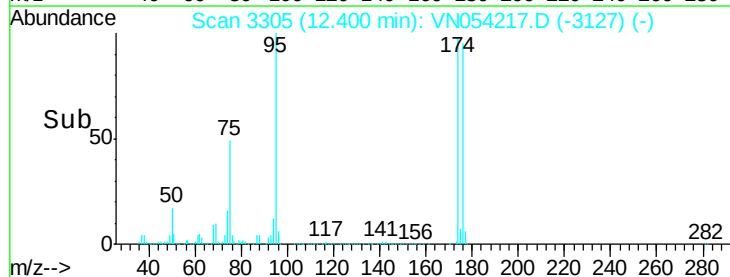
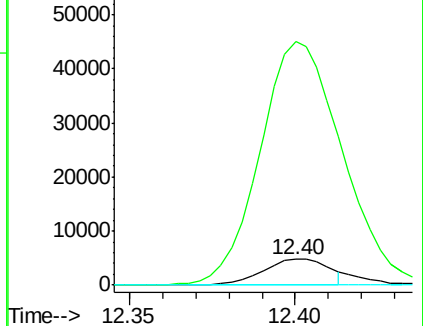
254 0.0 0.1 0.1#

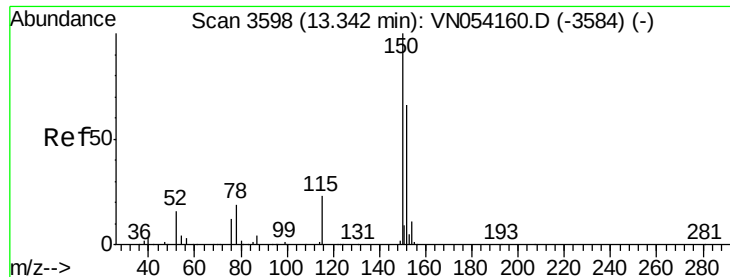


Abundance Ion 172.70 (172.40 to 173.40): VN054160.D (-3204) (-)

Ion 174.70 (174.40 to 175.40): VN054160.D (-3204) (-)

Ion 254.40 (254.10 to 255.10): VN054160.D (-3204) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054217.D

Acq: 13 Mar 2019 17:26

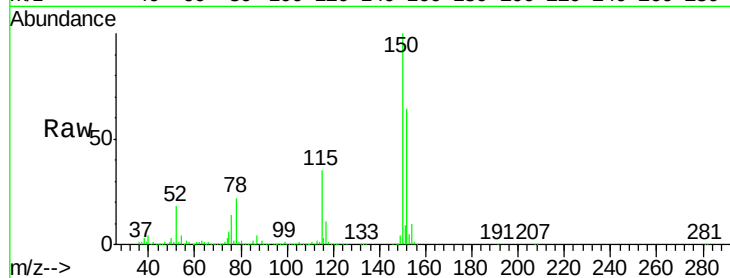
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:152 Resp: 1146482

Ion	Ratio	Lower	Upper
152	100		
115	58.4	27.2	81.6
150	156.5	0.0	349.2

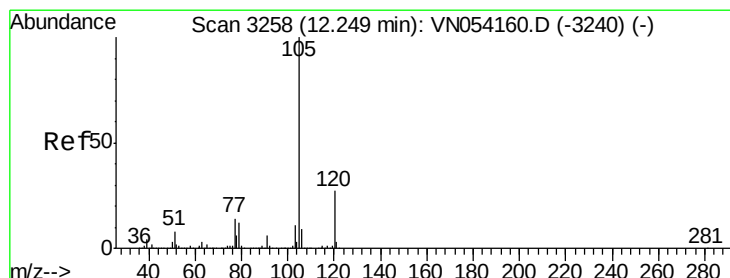
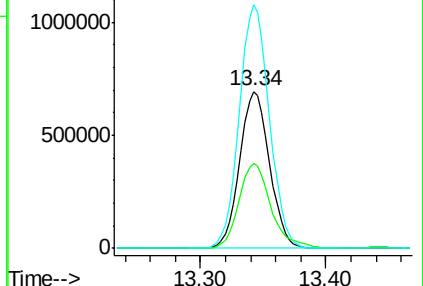
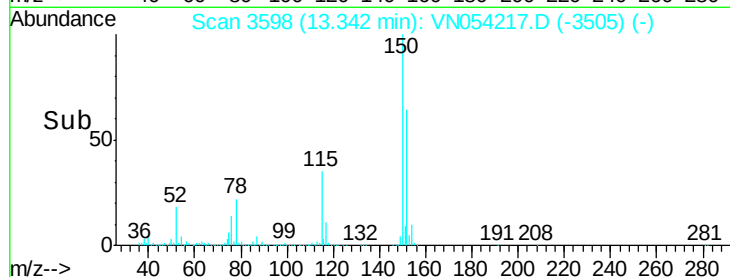


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 46.962 ug/l

RT: 12.25 min Scan# 3258

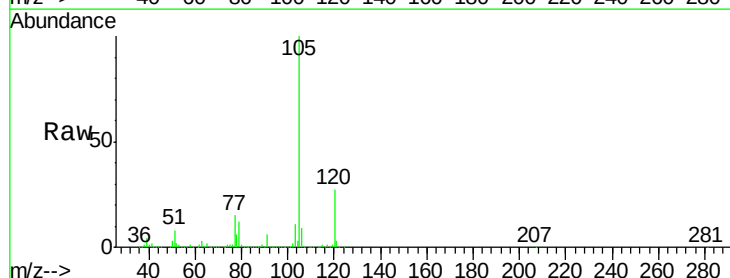
Delta R.T. 0.00 min

Lab File: VN054217.D

Acq: 13 Mar 2019 17:26

Tgt Ion:105 Resp: 4307660

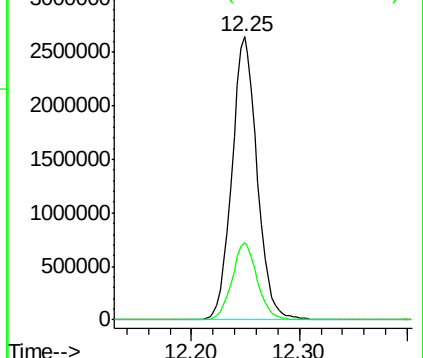
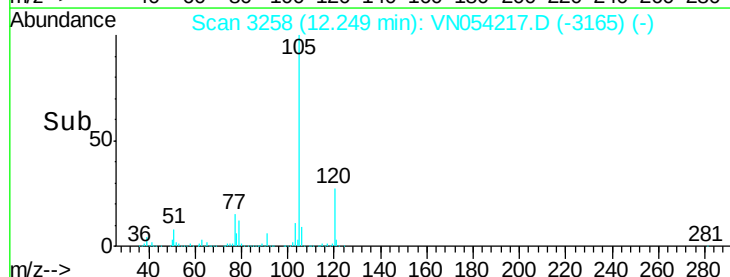
Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.8	41.3

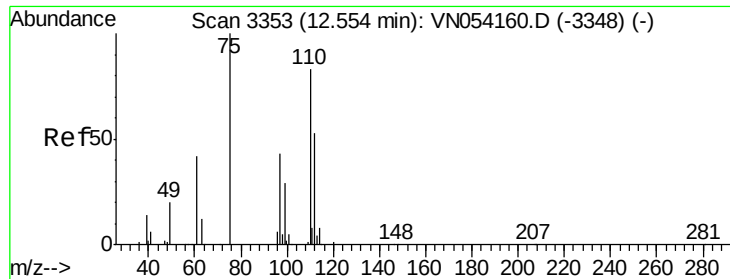


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 32.337 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054217.D

Acq: 13 Mar 2019 17:26

Instrument :

MSVOA_N

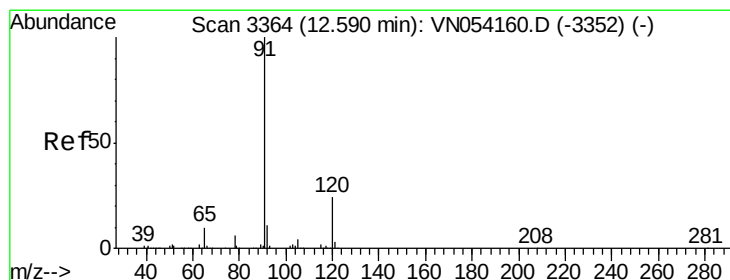
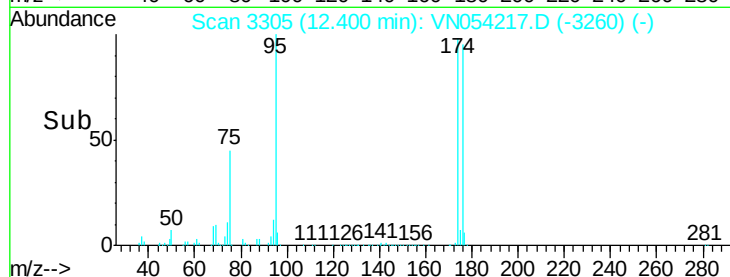
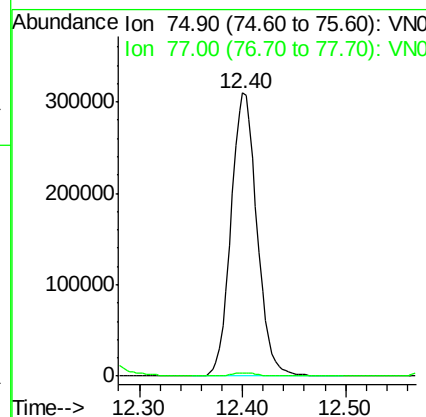
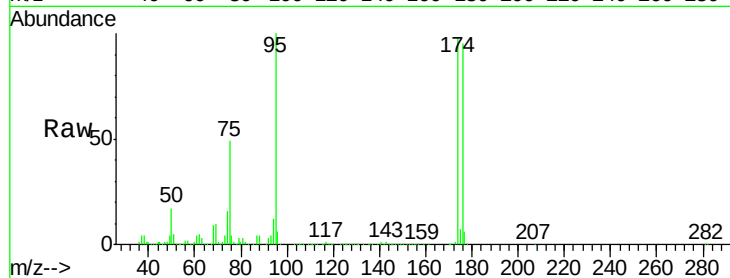
ClientSampled :

Tot Ion: 75 Resp: 545192

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#78

n-propylbenzene

Concen: 17.967 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054217.D

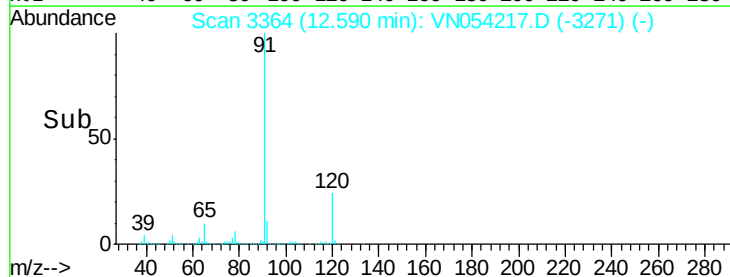
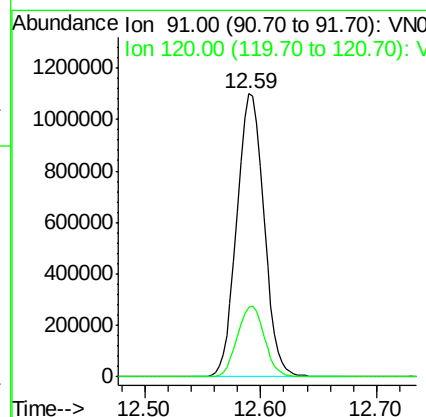
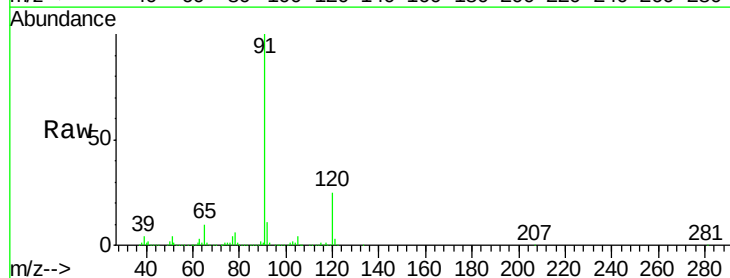
Acq: 13 Mar 2019 17:26

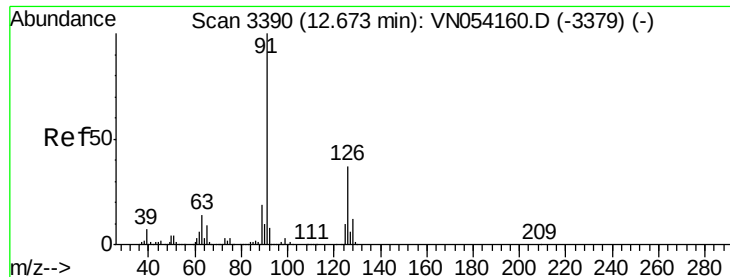
Tgt Ion: 91 Resp: 1788267

Ion Ratio Lower Upper

91 100

120 25.0 12.3 36.9





#79

2-Chlorotoluene

Concen: 29.882 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.08 min

Lab File: VN054217.D

Acq: 13 Mar 2019 17:26

Instrument :

MSVOA_N

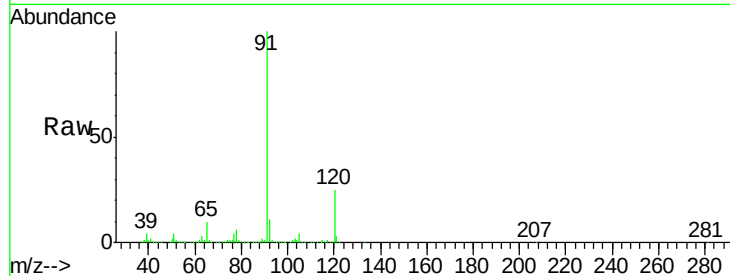
ClientSampleId :

Tot Ion: 91 Resp: 1788267

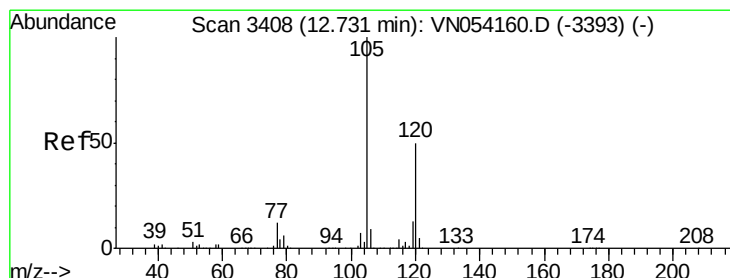
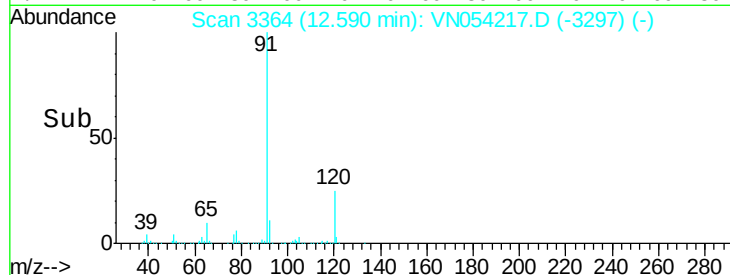
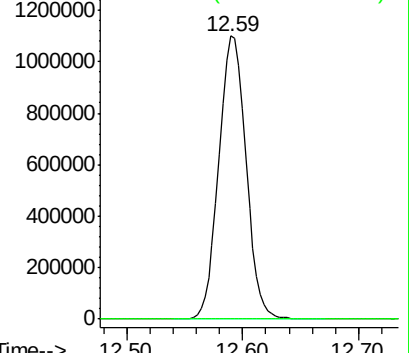
Ion Ratio Lower Upper

91 100

126 0.0 18.7 56.1#



Abundance Ion 91.00 (90.70 to 91.70): VN054217.D (-3364) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.662 ug/l

RT: 12.89 min Scan# 3457

Delta R.T. 0.16 min

Lab File: VN054217.D

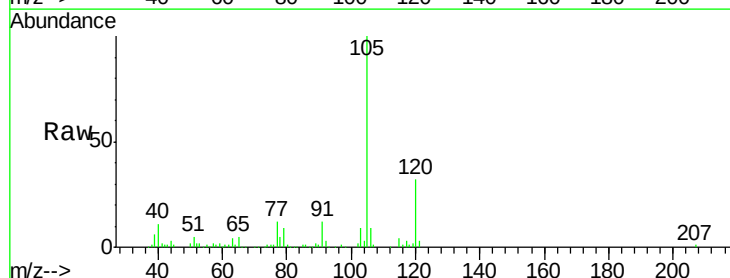
Acq: 13 Mar 2019 17:26

Tgt Ion:105 Resp: 126806

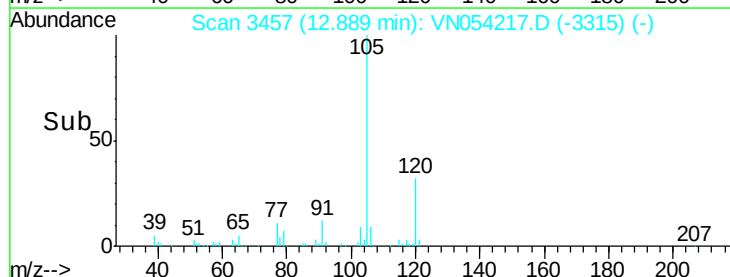
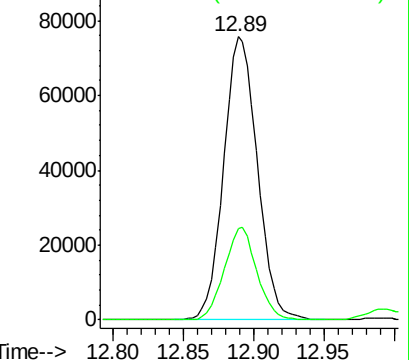
Ion Ratio Lower Upper

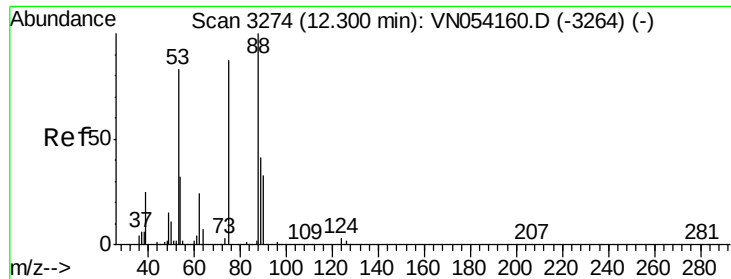
105 100

120 31.5 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054217.D (-3408) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 9.473 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.05 min

Lab File: VN054217.D

Acq: 13 Mar 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

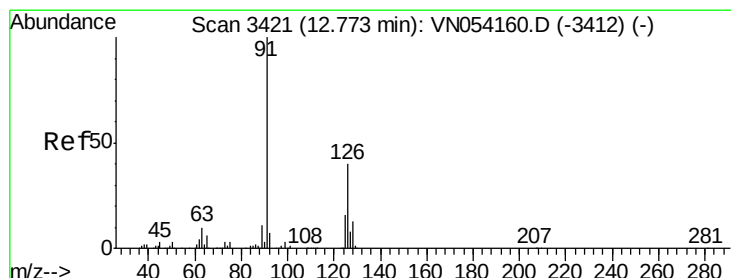
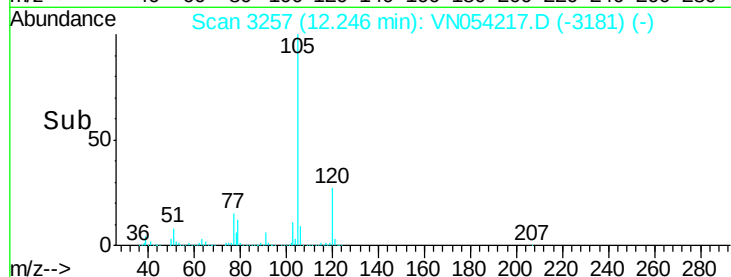
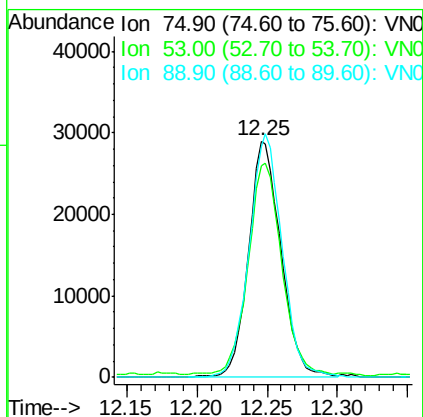
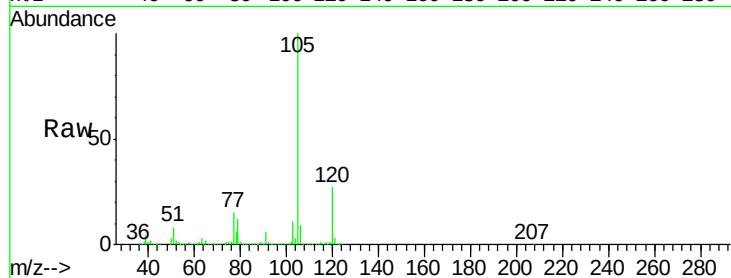
Tot Ion: 75 Resp: 46721

Ion Ratio Lower Upper

75 100

53 90.8 76.2 114.2

89 104.7 39.2 58.8#



#82

4-Chlorotoluene

Concen: 29.926 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.18 min

Lab File: VN054217.D

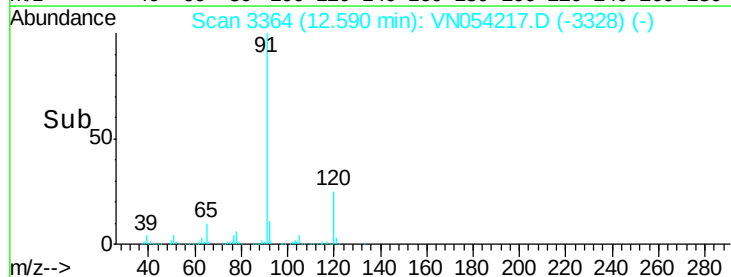
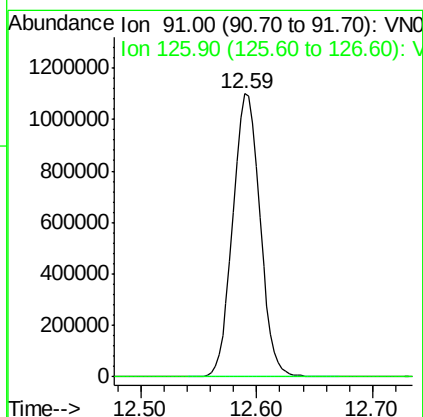
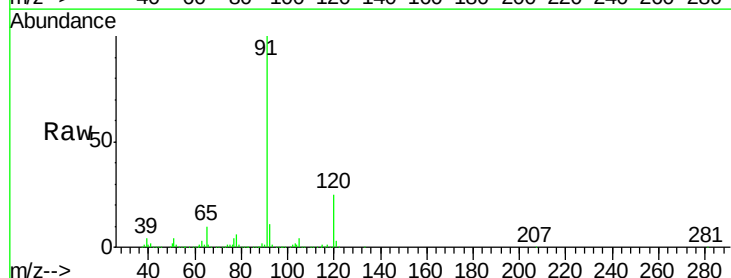
Acq: 13 Mar 2019 17:26

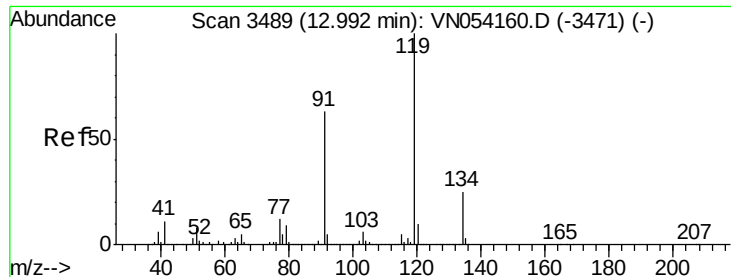
Tgt Ion: 91 Resp: 1788267

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.1#

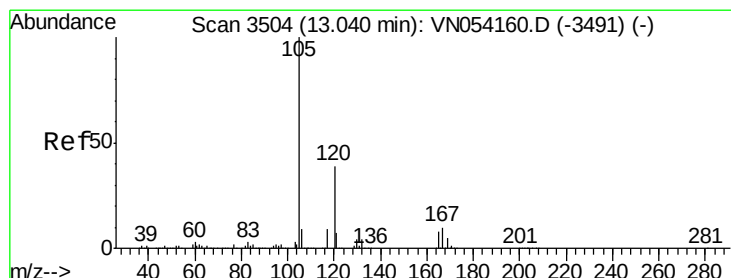
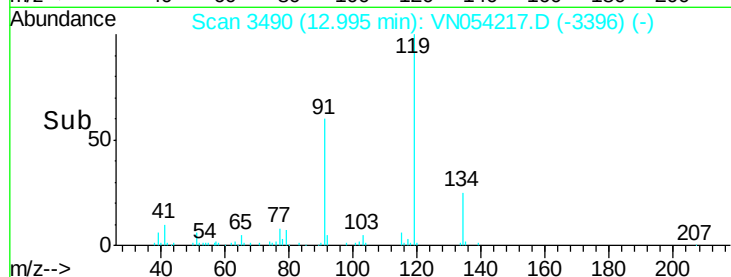
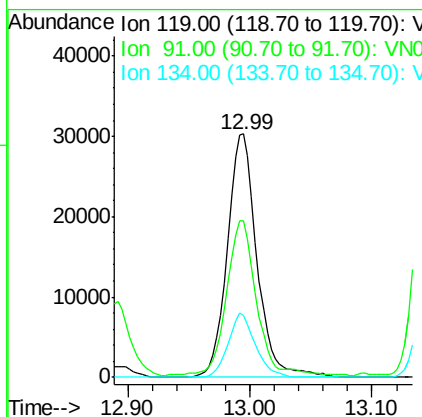
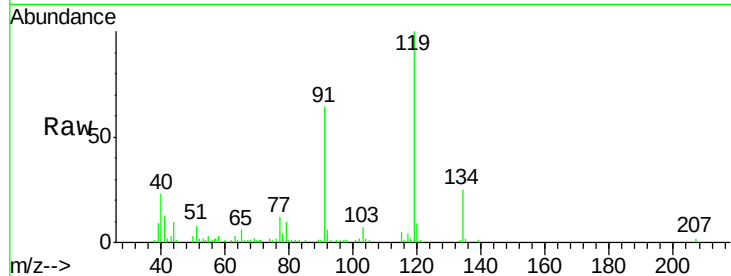




#83
 tert-Butylbenzene
 Concen: 0.733 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN054217.D
 Acq: 13 Mar 2019 17:26

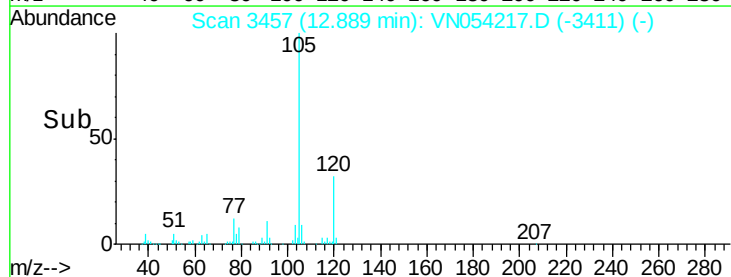
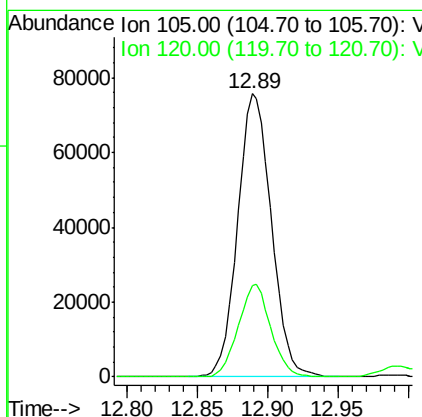
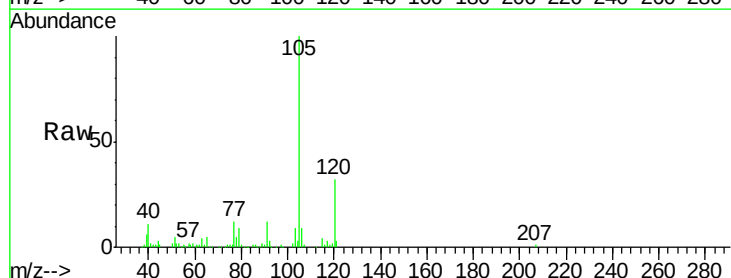
Instrument :
 MSVOA_N
 ClientSampled :

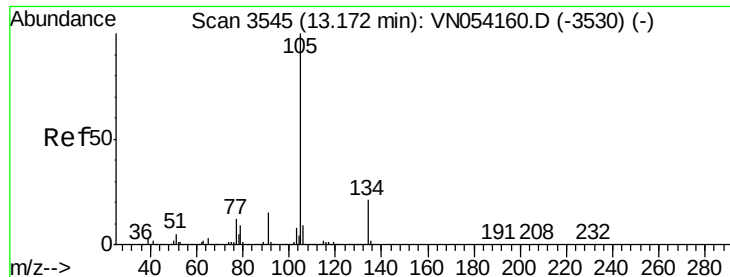
Tot Ion:119 Resp: 51492
 Ion Ratio Lower Upper
 119 100
 91 61.1 30.9 92.8
 134 24.1 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 1.694 ug/l
 RT: 12.89 min Scan# 3457
 Delta R.T. -0.15 min
 Lab File: VN054217.D
 Acq: 13 Mar 2019 17:26

Tgt Ion:105 Resp: 126806
 Ion Ratio Lower Upper
 105 100
 120 31.5 23.4 70.3





#85

sec-Butylbenzene

Concen: 4.181 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054217.D

Acq: 13 Mar 2019 17:26

Instrument :

MSVOA_N

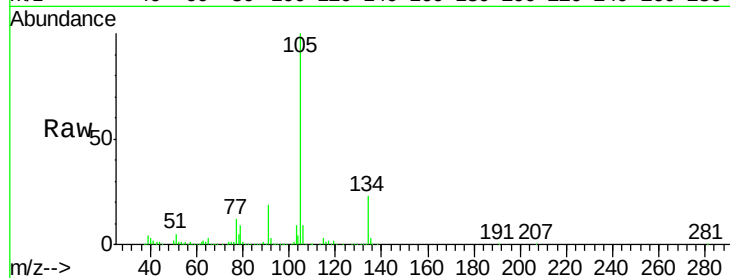
ClientSampled :

Tot Ion:105 Resp: 380794

Ion Ratio Lower Upper

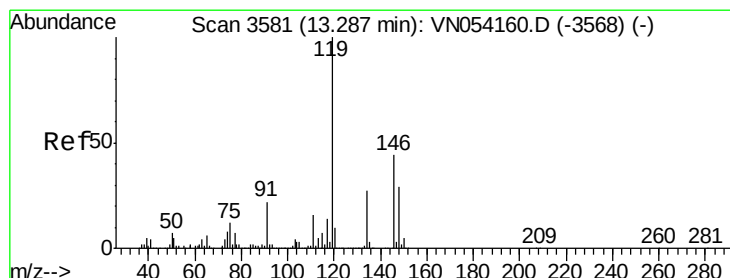
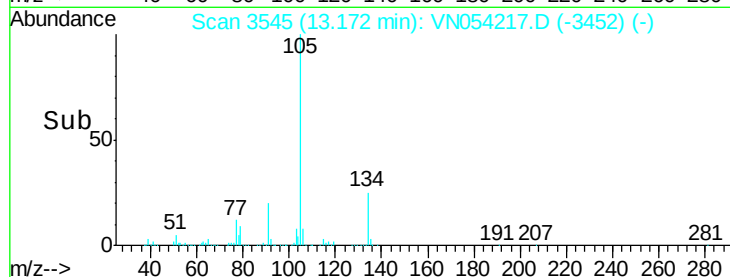
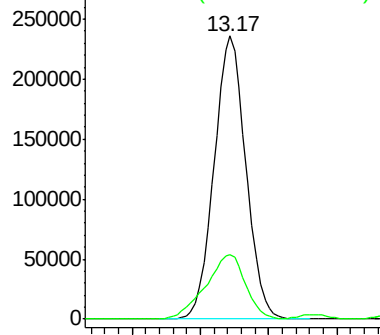
105 100

134 28.5 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.247 ug/l

RT: 13.44 min Scan# 3629

Delta R.T. 0.15 min

Lab File: VN054217.D

Acq: 13 Mar 2019 17:26

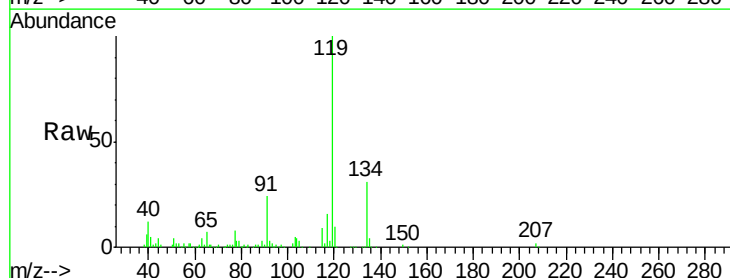
Tgt Ion:119 Resp: 99638

Ion Ratio Lower Upper

119 100

134 31.0 13.6 40.8

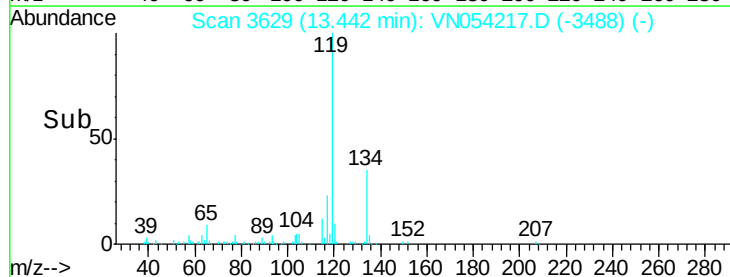
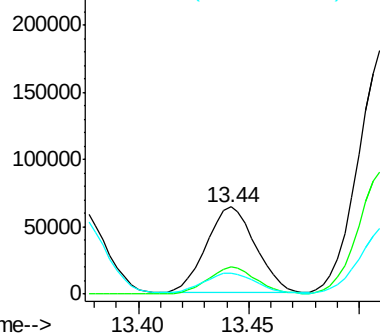
91 25.4 11.1 33.3

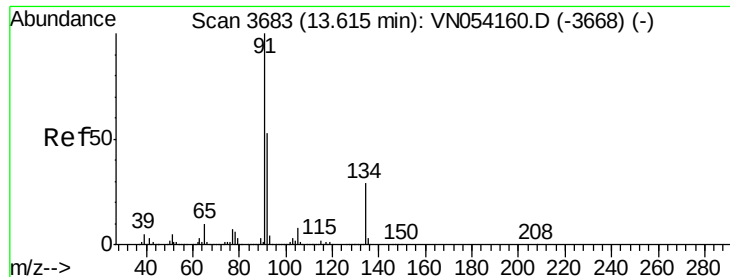


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 2.494 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN054217.D

Acq: 13 Mar 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

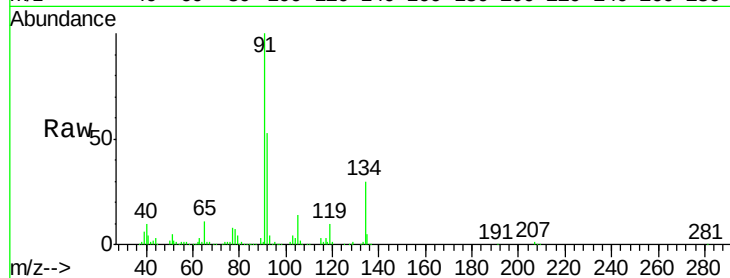
Tot Ion: 91 Resp: 151434

Ion Ratio Lower Upper

91 100

92 43.6 26.2 78.6

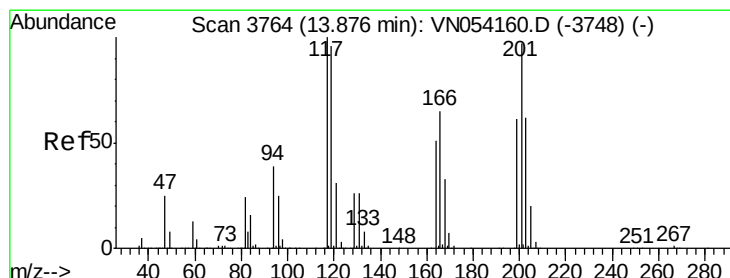
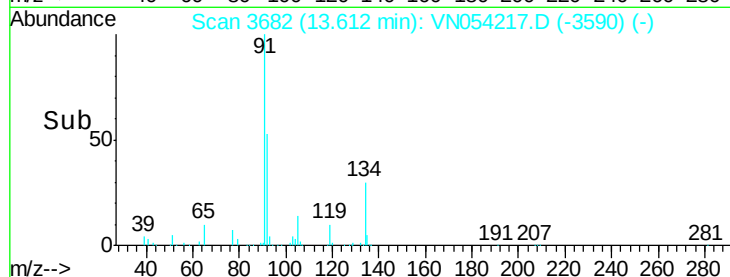
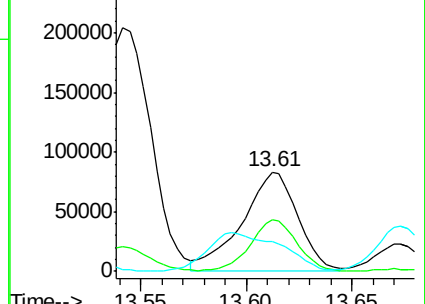
134 52.0 14.3 42.9#



Abundance Ion 91.00 (90.70 to 91.70): VN054160.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN054160.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN054160.D (-3668) (-)



#90

Hexachloroethane

Concen: 5.456 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN054217.D

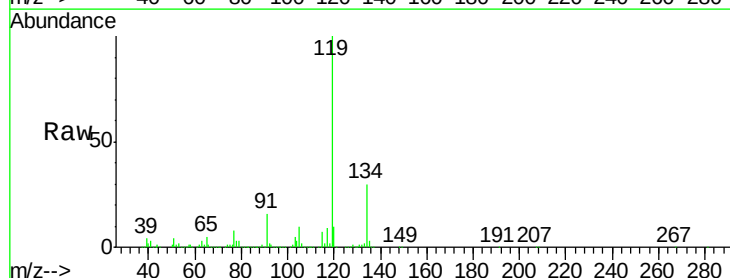
Acq: 13 Mar 2019 17:26

Tgt Ion: 117 Resp: 72184

Ion Ratio Lower Upper

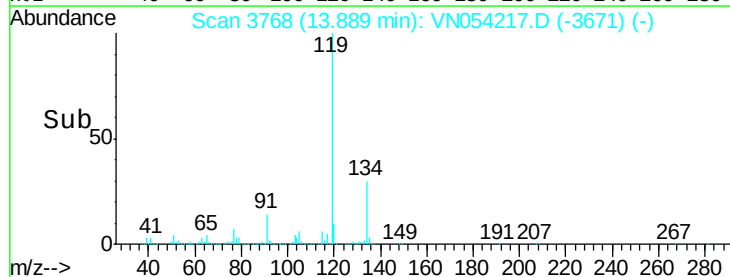
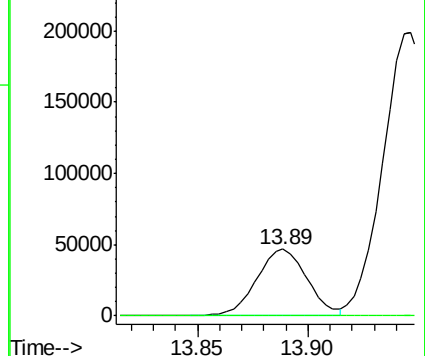
117 100

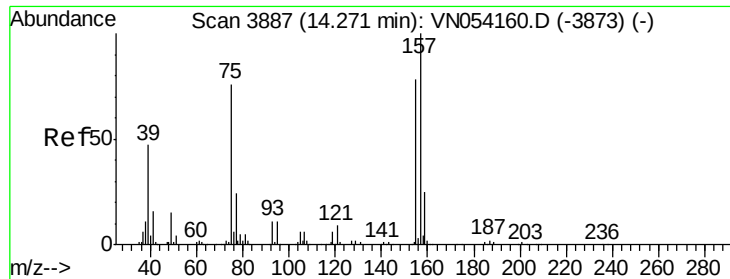
201 0.0 48.1 144.4#



Abundance Ion 116.80 (116.50 to 117.50): VN054160.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN054160.D (-3748) (-)

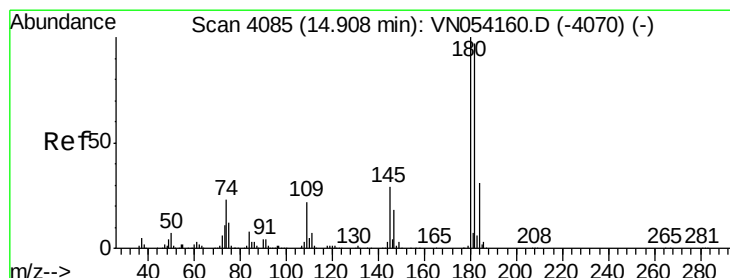
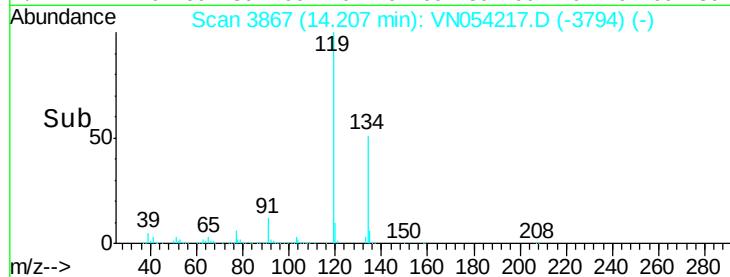
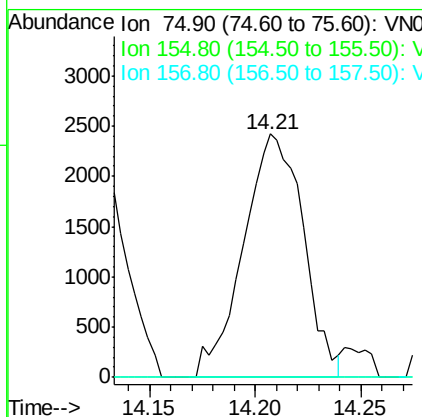
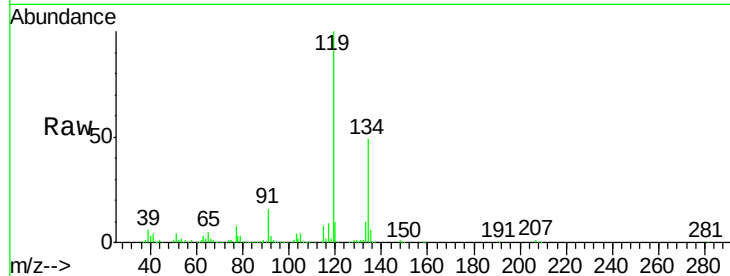




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.576 ug/l
 RT: 14.21 min Scan# 3867
 Delta R.T. -0.06 min
 Lab File: VN054217.D
 Acq: 13 Mar 2019 17:26

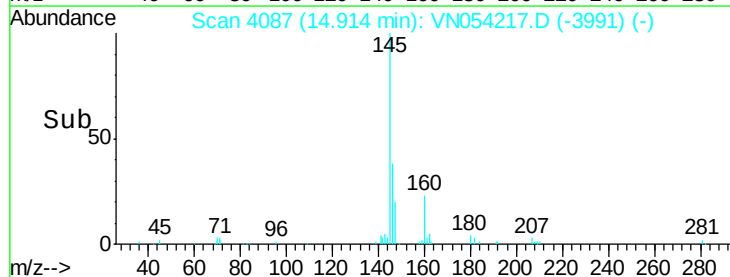
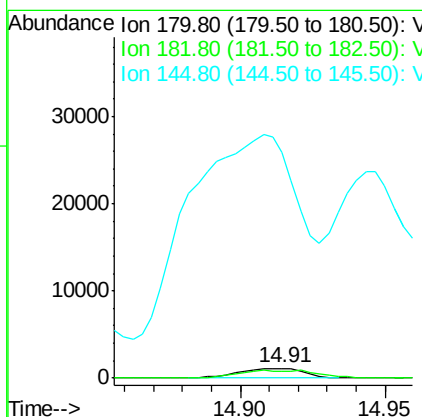
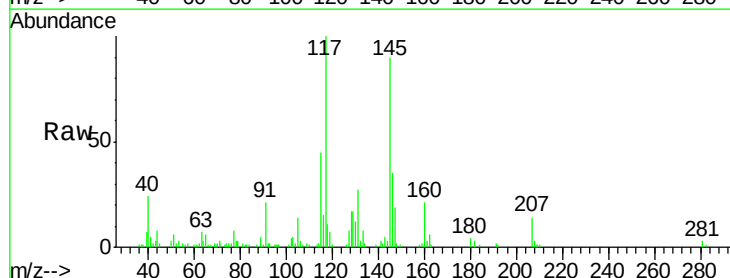
Instrument :
 MSVOA_N
 ClientSampled :

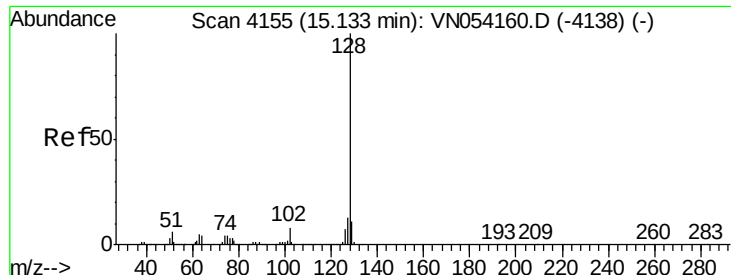
Tot Ion: 75 Resp: 4765
 Ion Ratio Lower Upper
 75 100
 155 0.0 50.1 150.3#
 157 0.0 63.1 189.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.586 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.01 min
 Lab File: VN054217.D
 Acq: 13 Mar 2019 17:26

Tgt Ion: 180 Resp: 1765
 Ion Ratio Lower Upper
 180 100
 182 53.7 48.0 144.2
 145 4096.1 14.2 42.8#





#95
 Naphthalene
 Concen: 4.427 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN054217.D
 Acq: 13 Mar 2019 17:26

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.0	10.1	15.1
129	8.2	8.7	13.1

