

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082218\
 Data File : VN050814.D
 Acq On : 22 Aug 2018 12:59
 Operator : MD\SY
 Sample : J4510-01
 Misc : 6.99g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-WC4-UST-0818

Quant Time: Aug 23 01:02:57 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	602467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	921426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	898829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	686432	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	372231	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
35) Dibromofluoromethane	7.59	113	350419	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
50) Toluene-d8	10.09	98	1521251	55.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.02%	
62) 4-Bromofluorobenzene	12.40	95	1239659	136.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	272.24%	

Target Compounds

						Qvalue
3) Chloromethane	2.05	50	4625	0.47	ug/l	91
5) Bromomethane	2.57	94	291	Below	Cal #	2
10) Methyl Iodide	3.95	142	3823	6.85	ug/l #	90
11) Tert butyl alcohol	4.74	59	6878	14.89	ug/l #	72
16) Acetone	3.84	43	3128	Below	Cal #	83
17) Carbon Disulfide	4.03	76	6240	0.28	ug/l #	90
18) Methyl Acetate	4.33	43	13668	2.00	ug/l	91
25) 2-Butanone	6.85	43	4848	1.66	ug/l	94
29) Tetrahydrofuran	7.22	42	946	0.56	ug/l #	45
31) Cyclohexane	7.66	56	13983	1.59	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	41224	3.79	ug/l #	49
38) Carbon Tetrachloride	7.66	117	54571	4.97	ug/l #	17
39) Methylcyclohexane	9.08	83	69364	5.90	ug/l	95
48) Methyl methacrylate	9.15	41	6295	1.15	ug/l #	47
51) 4-Methyl-2-Pentanone	10.08	43	63378	9.89	ug/l #	69
52) Toluene	10.16	92	59316	3.05	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	517499	71.78	ug/l #	20
56) Ethyl methacrylate	10.43	69	207048	23.39	ug/l #	12
58) 2-Chloroethyl Vinyl ether	9.72	63	1723	12.62	ug/l #	47
59) 2-Hexanone	10.72	43	2932634	687.39	ug/l #	27
60) Dibromochloromethane	10.82	129	5091	0.63	ug/l	78
61) 1,2-Dibromoethane	11.01	107	3662	0.53	ug/l #	1
64) Tetrachloroethene	10.63	164	27033	3.17	ug/l	96
65) Chlorobenzene	11.54	112	164498	7.00	ug/l #	43
67) Ethyl Benzene	11.51	91	2306069	60.38	ug/l	100
68) m/p-Xylenes	11.62	106	12494222	861.82	ug/l #	1
69) o-Xylene	11.95	106	7736307	555.07	ug/l	94
70) Styrene	11.95	104	374110	16.11	ug/l #	1
73) Isopropylbenzene	12.25	105	5224253	91.91	ug/l	100
74) N-amyl acetate	12.05	43	6803137	476.36	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.46	83	830215	61.65	ug/l #	95
76) 1,2,3-Trichloropropane	12.59	75	82575	6.87	ug/l #	100
77) Bromobenzene	12.51	156	7613	0.49	ug/l #	1
78) n-propylbenzene	12.59	91	13795713	217.27	ug/l	99

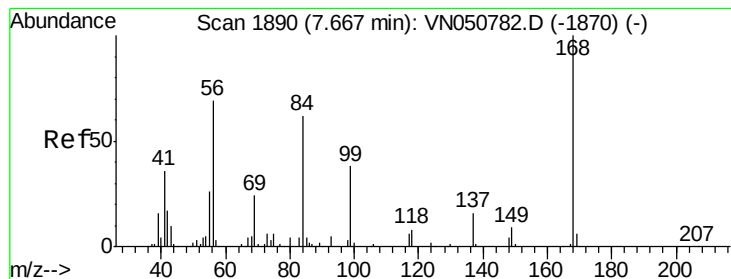
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	12.66	91	6132320	155.05	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.72	105	990383	21.59	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.25	75	53601	15.07	ug/l #	4
82) 4-Chlorotoluene	12.74	91	3816800	97.75	ug/l #	47
83) tert-Butylbenzene	13.00	119	1221848	30.76	ug/l	95
84) 1,2,4-Trimethylbenzene	13.18	105	10694890	231.83	ug/l #	30
85) sec-Butylbenzene	13.18	105	10694890	205.49	ug/l #	75
86) p-Isopropyltoluene	13.29	119	7092004	159.92	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	9346	0.36	ug/l #	1
89) n-Butylbenzene	13.62	91	9199506	259.36	ug/l #	73
90) Hexachloroethane	13.89	117	1781629	210.20	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.25	75	88877	43.54	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	13045	4.99	ug/l #	1
94) Hexachlorobutadiene	15.01	225	4542	Below Cal		97
95) Naphthalene	15.13	128	4310270	145.59	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	12806	4.27	ug/l #	82

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

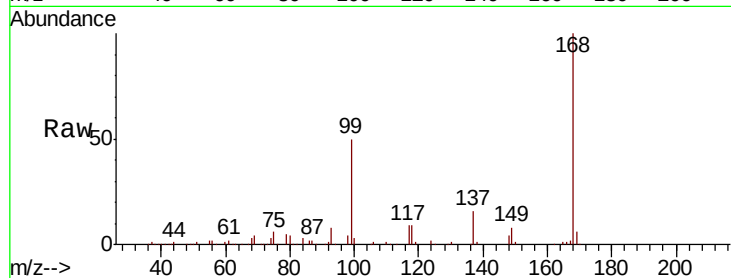
EP1-WC4-UST-0818

Tot Ion:168 Resp: 602467

Ion Ratio Lower Upper

168 100

99 49.7 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050814.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050814.D (-1797) (-)

7.67

250000

200000

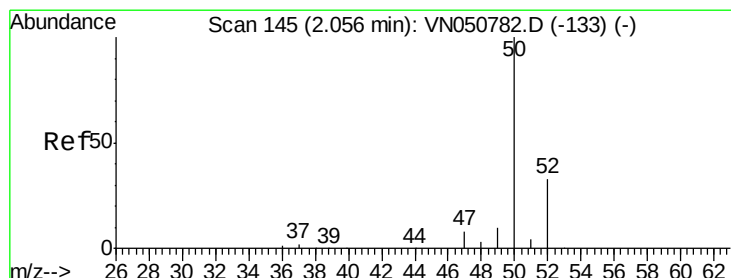
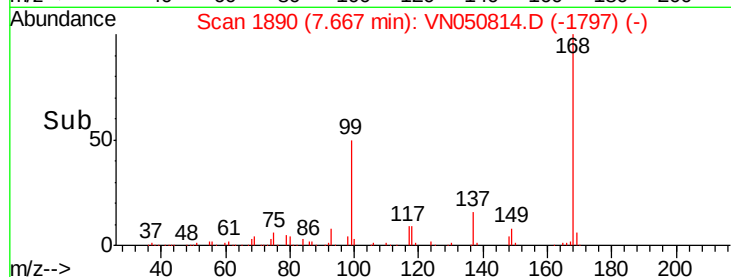
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.47 ug/l

RT: 2.05 min Scan# 144

Delta R.T. -0.00 min

Lab File: VN050814.D

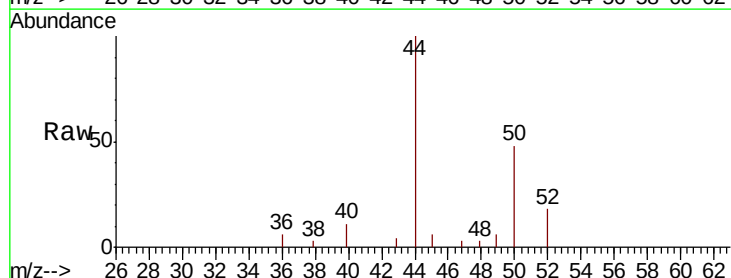
Acq: 22 Aug 2018 12:59

Tgt Ion: 50 Resp: 4625

Ion Ratio Lower Upper

50 100

52 37.9 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN050814.D (-52) (-)

Ion 51.90 (51.60 to 52.60): VN050814.D (-52) (-)

2.05

3000

2500

2000

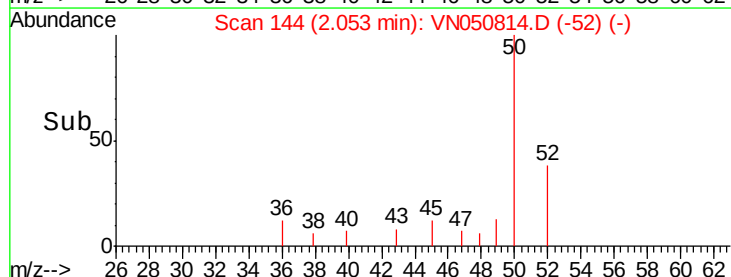
1500

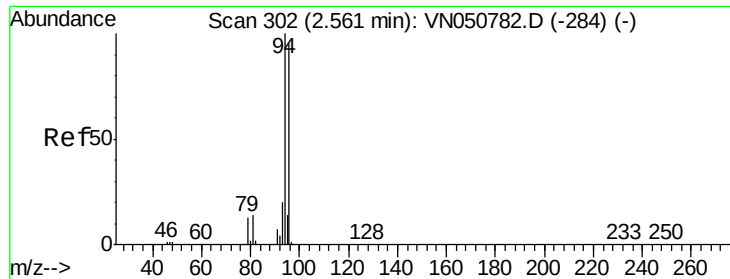
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

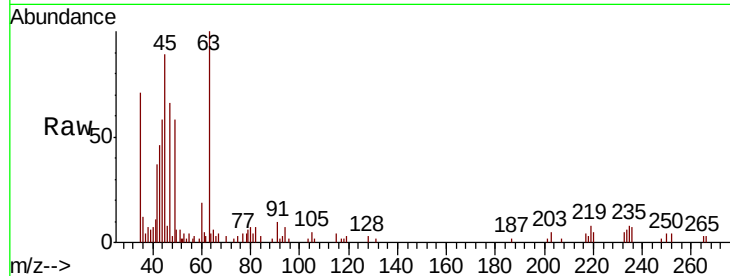
EP1-WC4-UST-0818

Tot Ion: 94 Resp: 291

Ion Ratio Lower Upper

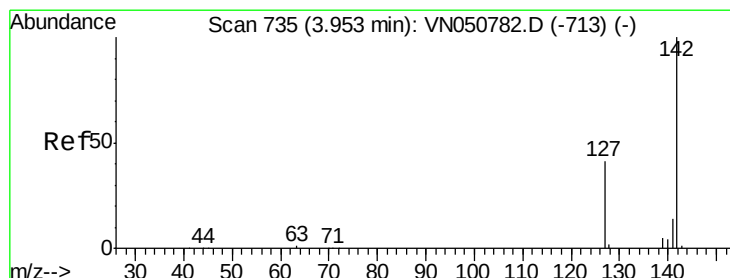
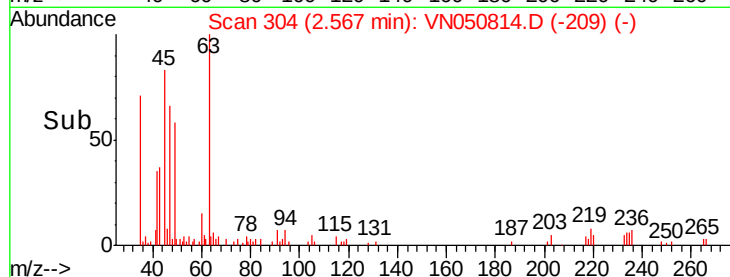
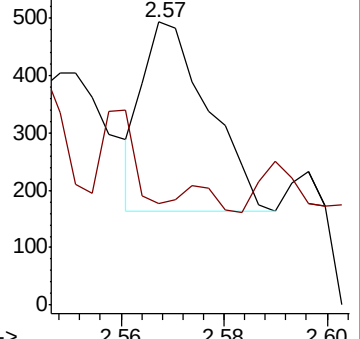
94 100

96 0.0 76.2 114.2#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#10

Methyl Iodide

Concen: 6.85 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.01 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

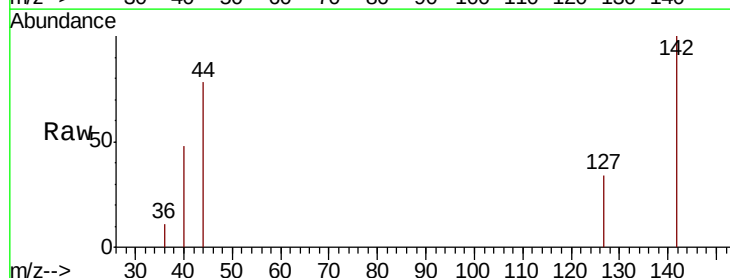
Tgt Ion: 142 Resp: 3823

Ion Ratio Lower Upper

142 100

127 35.7 31.7 47.5

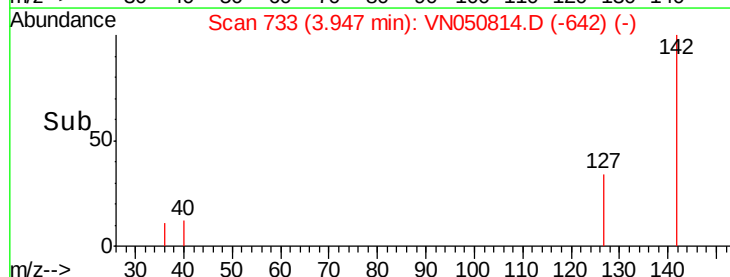
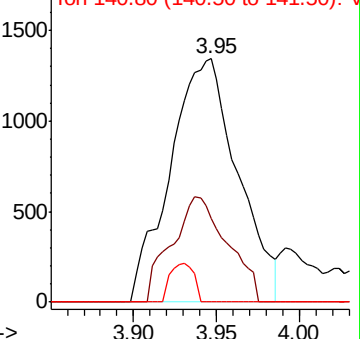
141 5.6 11.4 17.0#

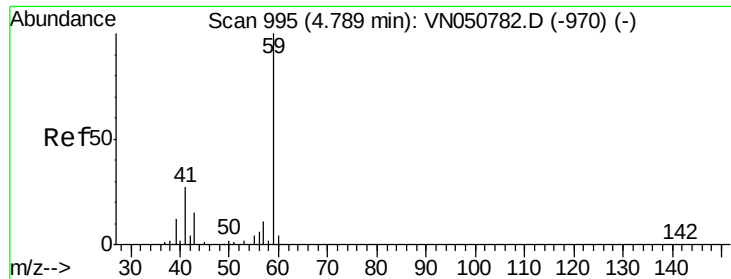


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

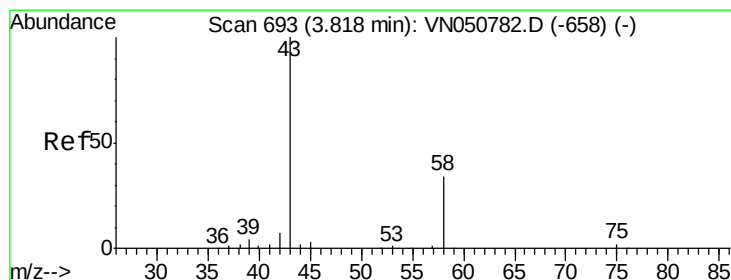
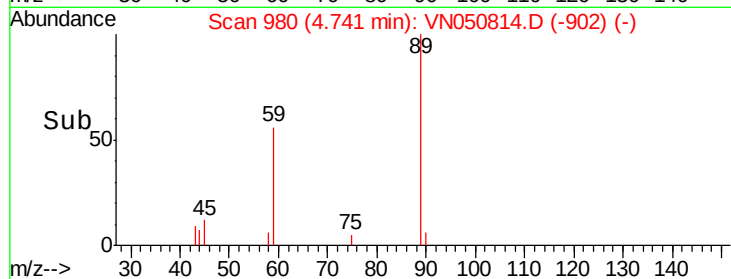
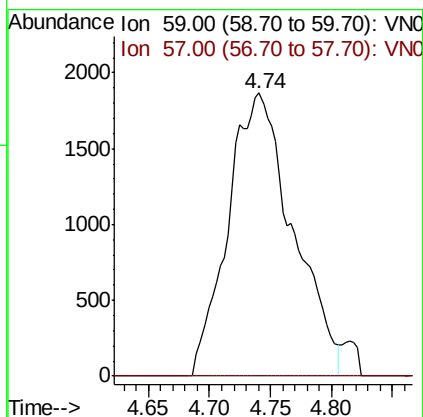
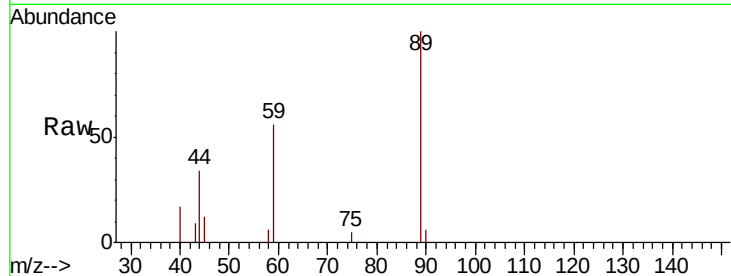




#11
Tert butyl alcohol
Concen: 14.89 ug/l
RT: 4.74 min Scan# 980
Delta R.T. -0.05 min
Lab File: VN050814.D
Acq: 22 Aug 2018 12:59

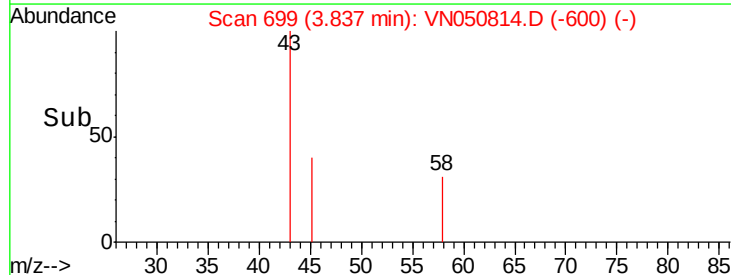
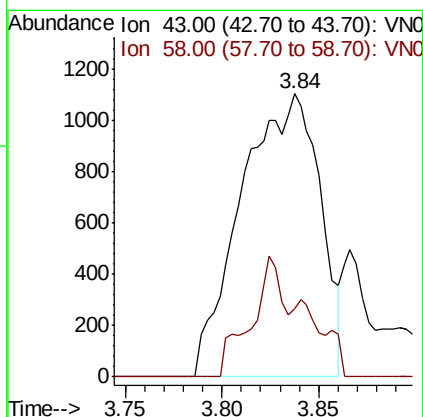
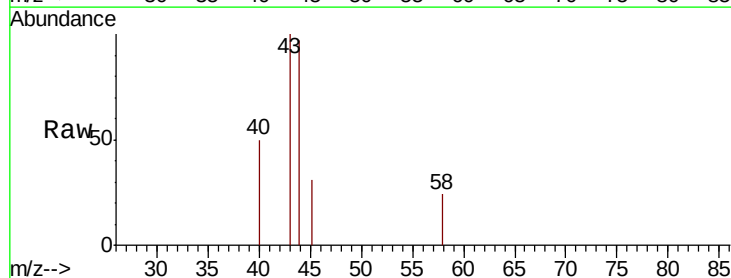
Instrument :
MSVOA_N
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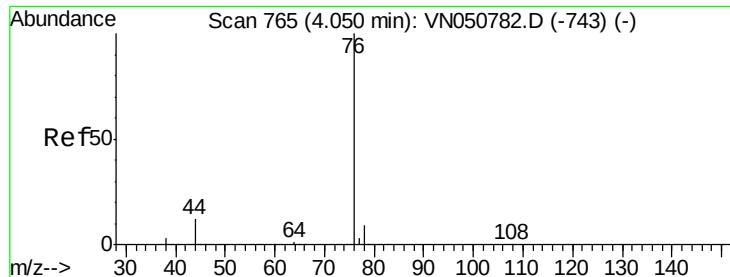
Tot Ion: 59 Resp: 6878
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: Below Cal
RT: 3.84 min Scan# 699
Delta R.T. 0.02 min
Lab File: VN050814.D
Acq: 22 Aug 2018 12:59

Tgt Ion: 43 Resp: 3128
Ion Ratio Lower Upper
43 100
58 24.3 27.2 40.8#





#17

Carbon Disulfide

Concen: 0.28 ug/l

RT: 4.03 min Scan# 760

Delta R.T. -0.02 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

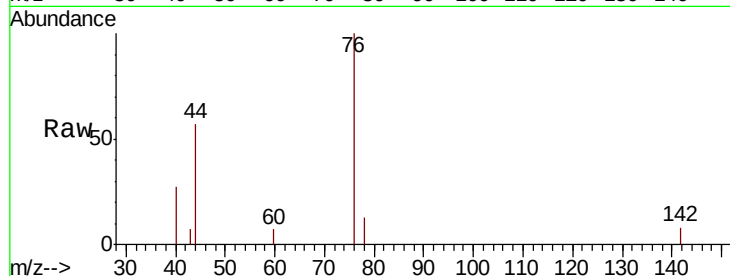
EP1-WC4-UST-0818

Tot Ion: 76 Resp: 6240

Ion Ratio Lower Upper

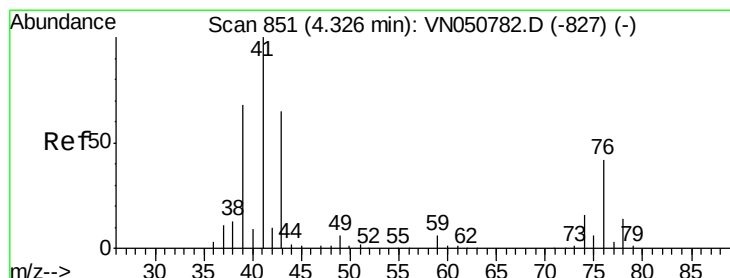
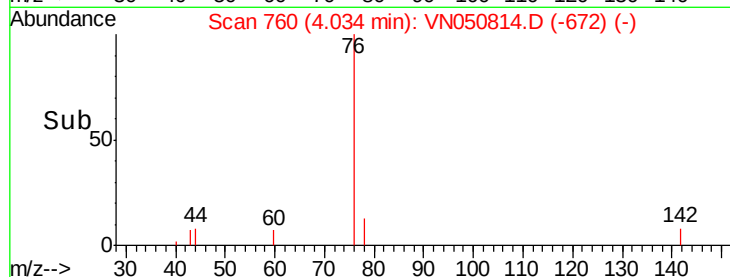
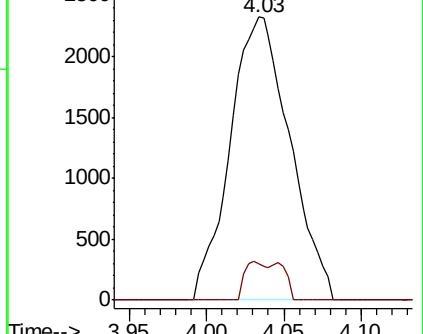
76 100

78 12.9 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 2.00 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN050814.D

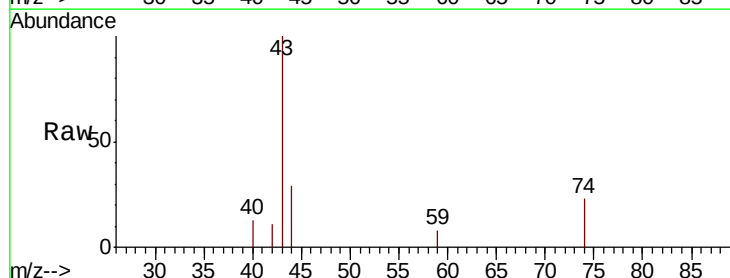
Acq: 22 Aug 2018 12:59

Tgt Ion: 43 Resp: 13668

Ion Ratio Lower Upper

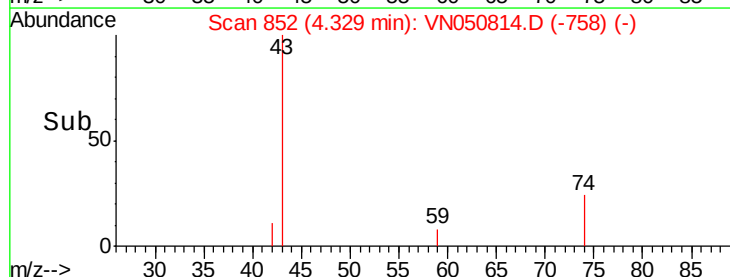
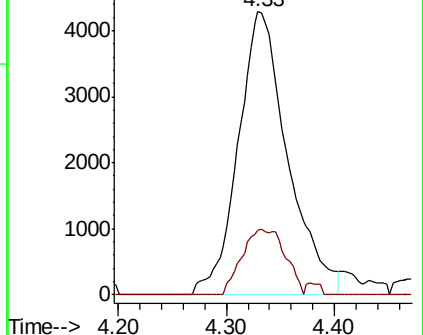
43 100

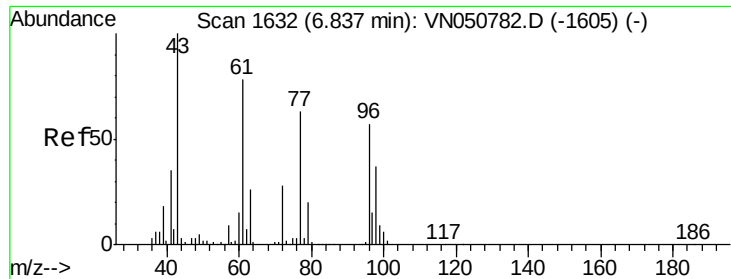
74 20.1 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

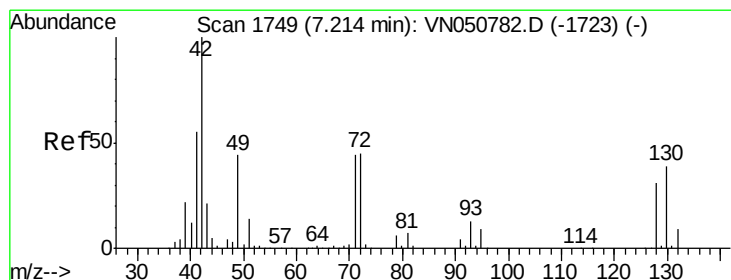
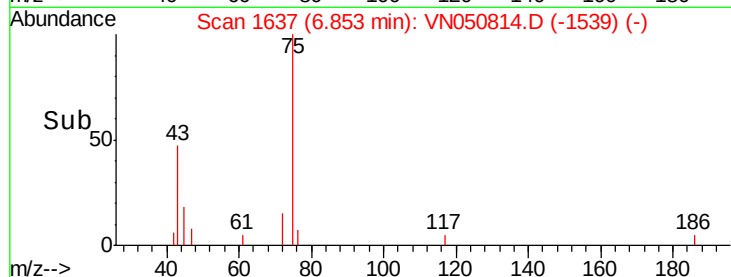
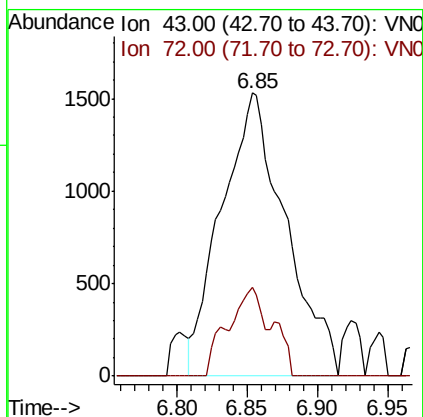
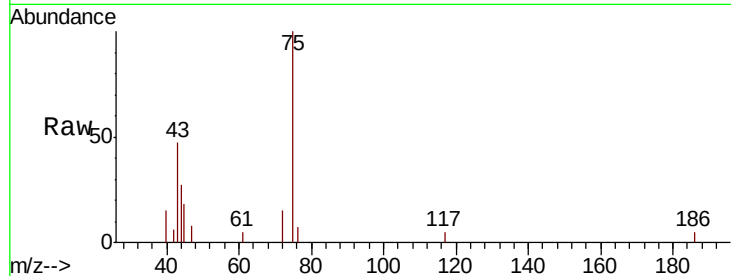




#25
 2-Butanone
 Concen: 1.66 ug/l
 RT: 6.85 min Scan# 1637
 Delta R.T. 0.02 min
 Lab File: VN050814.D
 Acq: 22 Aug 2018 12:59

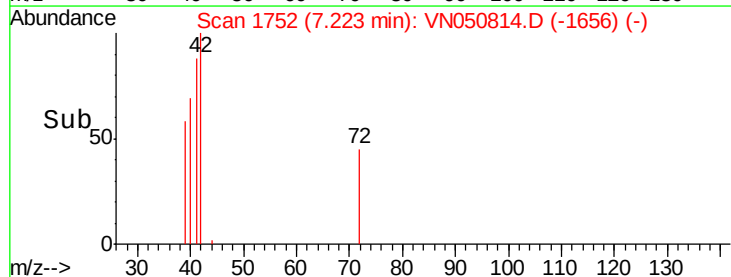
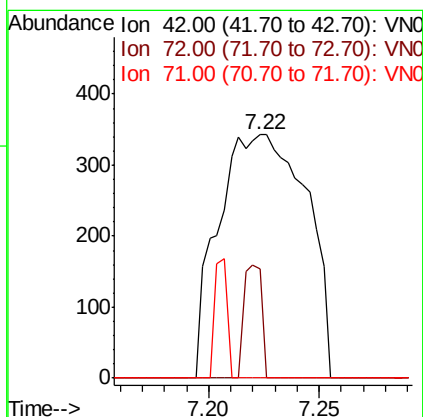
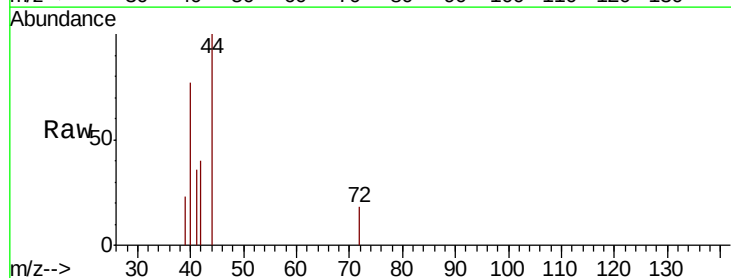
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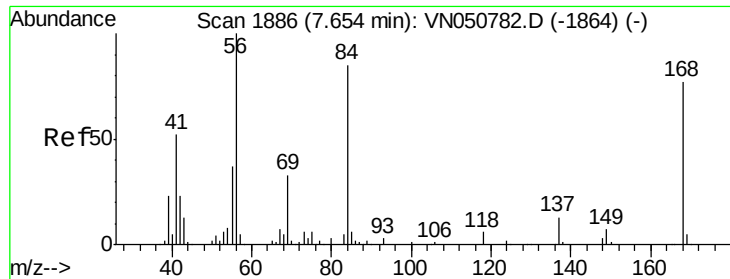
Tot Ion: 43 Resp: 4848
 Ion Ratio Lower Upper
 43 100
 72 31.2 22.3 33.5



#29
 Tetrahydrofuran
 Concen: 0.56 ug/l
 RT: 7.22 min Scan# 1752
 Delta R.T. 0.01 min
 Lab File: VN050814.D
 Acq: 22 Aug 2018 12:59

Tgt Ion: 42 Resp: 946
 Ion Ratio Lower Upper
 42 100
 72 9.4 35.5 53.3#
 71 6.8 33.7 50.5#

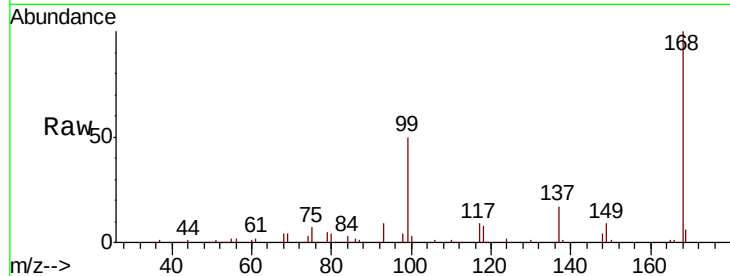




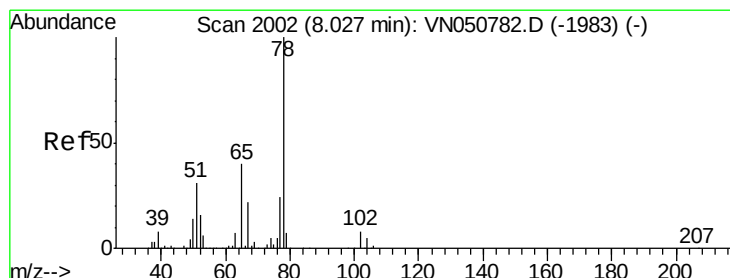
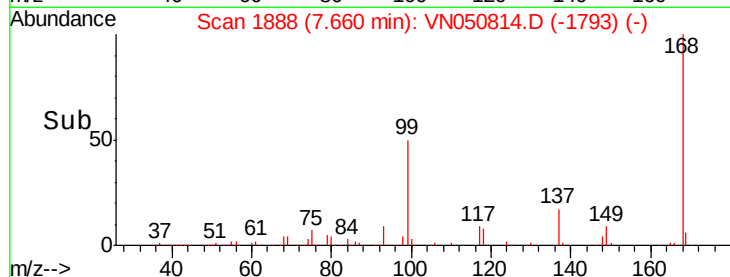
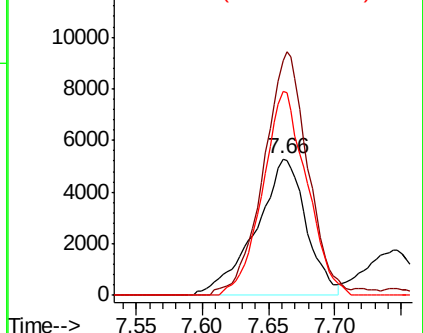
#31
Cyclohexane
Concen: 1.59 ug/l
RT: 7.66 min Scan# 1888
Delta R.T. 0.01 min
Lab File: VN050814.D
Acq: 22 Aug 2018 12:59

Instrument :
MSVOA_N
ClientSampleId :
EP1-WC4-UST-0818

Tot Ion: 56 Resp: 13983
Ion Ratio Lower Upper
56 100
69 171.9 26.2 39.4#
84 149.5 68.3 102.5#

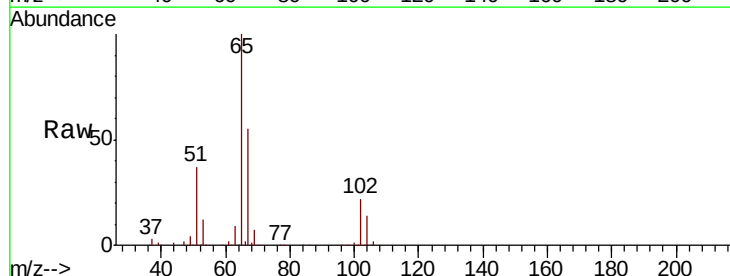


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

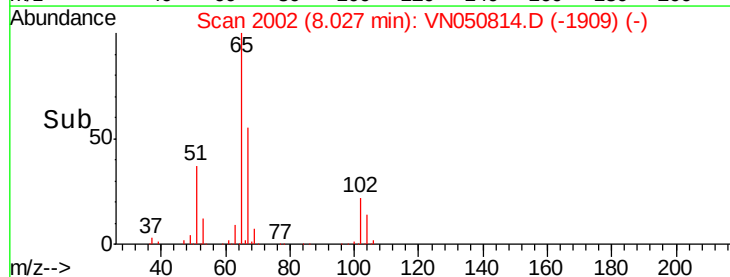
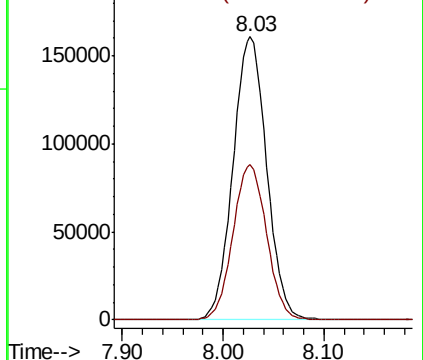


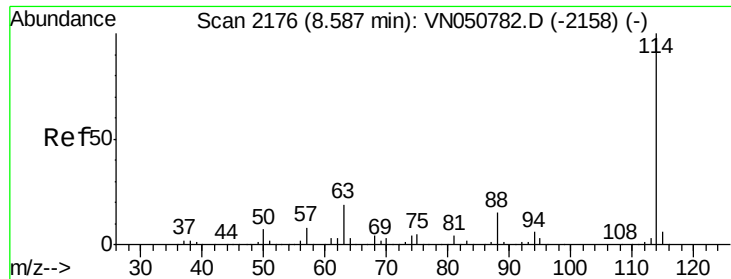
#33
1,2-Dichloroethane-d4
Concen: 51.32 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. -0.00 min
Lab File: VN050814.D
Acq: 22 Aug 2018 12:59

Tgt Ion: 65 Resp: 372231
Ion Ratio Lower Upper
65 100
67 54.8 0.0 110.4



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

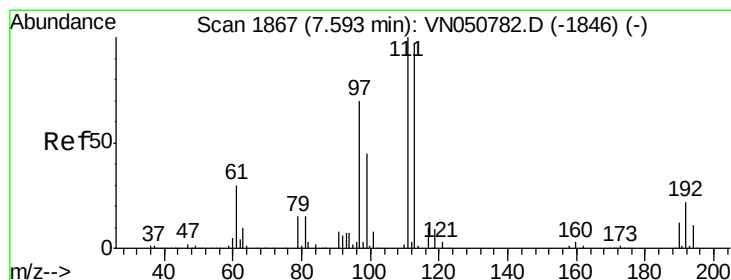
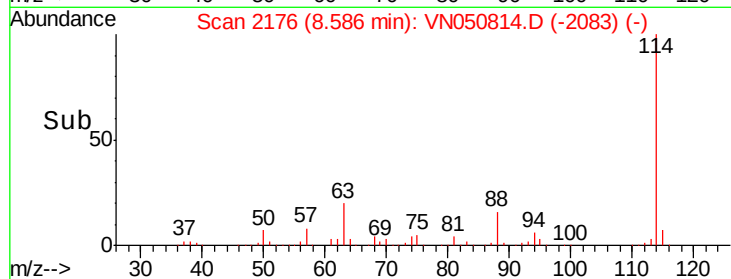
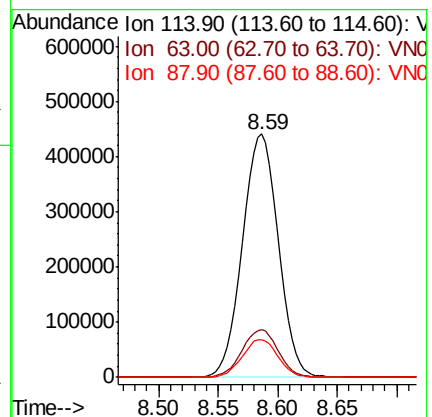
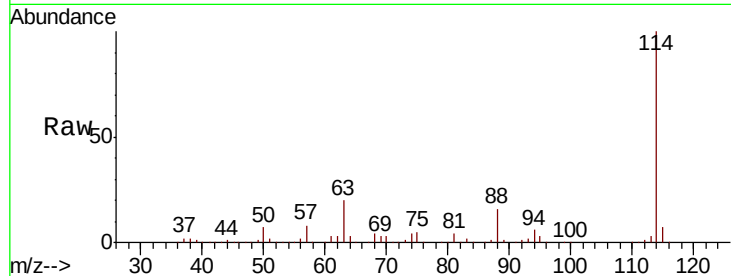




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050814.D
 Acq: 22 Aug 2018 12:59

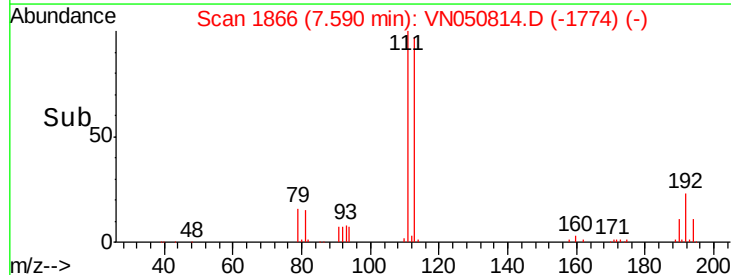
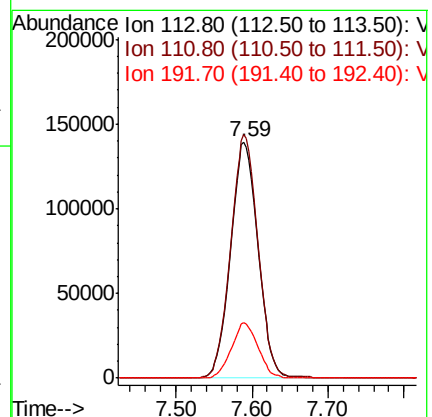
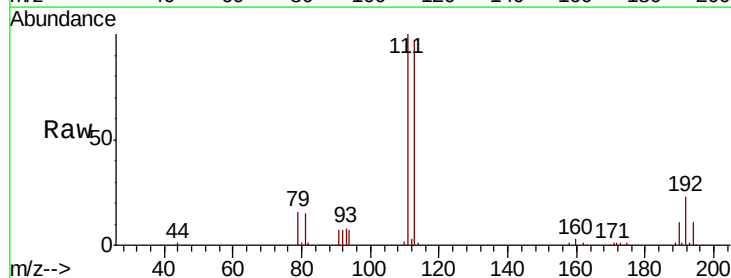
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-WC4-UST-0818

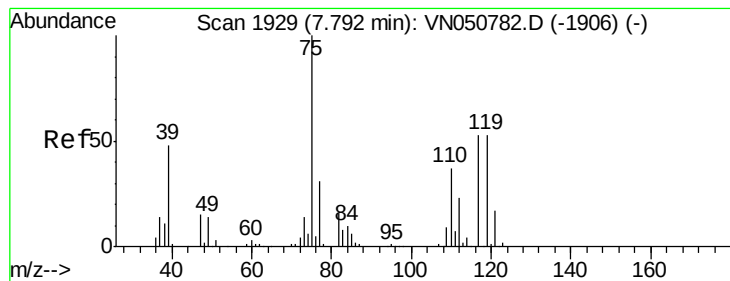
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.6
88	15.6	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 47.80 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN050814.D
 Acq: 22 Aug 2018 12:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	22.8	18.0	27.0





#36

1,1-Dichloropropene

Concen: 3.79 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.13 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

EP1-WC4-UST-0818

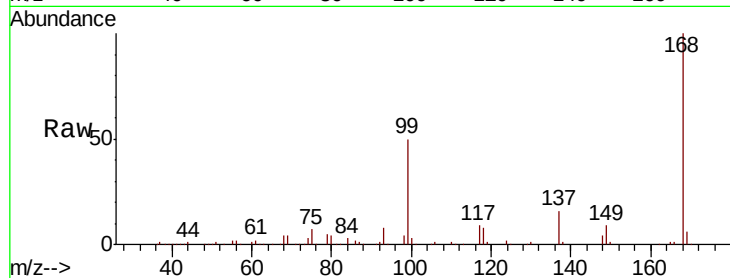
Tot Ion: 75 Resp: 41224

Ion Ratio Lower Upper

75 100

110 8.5 18.1 54.4#

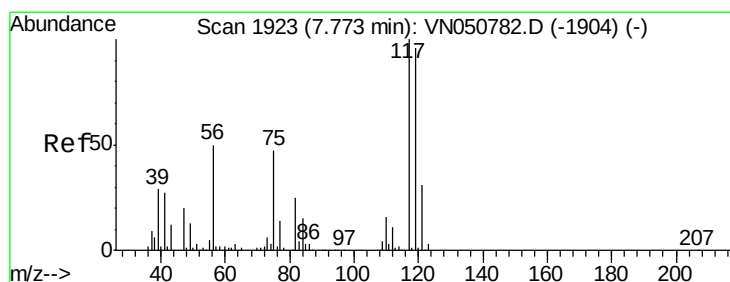
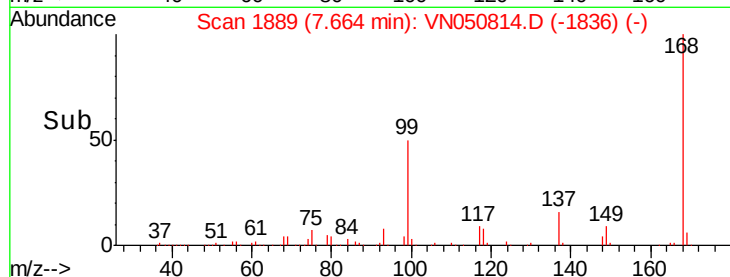
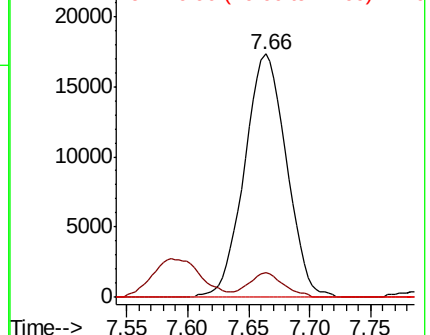
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VN050814.D (-1836) (-)

Ion 109.90 (109.60 to 110.60): VN050814.D (-1836) (-)

Ion 76.90 (76.60 to 77.60): VN050814.D (-1836) (-)



#38

Carbon Tetrachloride

Concen: 4.97 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.11 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

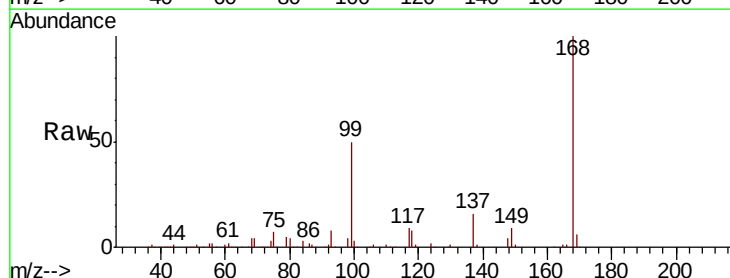
Tgt Ion: 117 Resp: 54571

Ion Ratio Lower Upper

117 100

119 5.7 76.3 114.5#

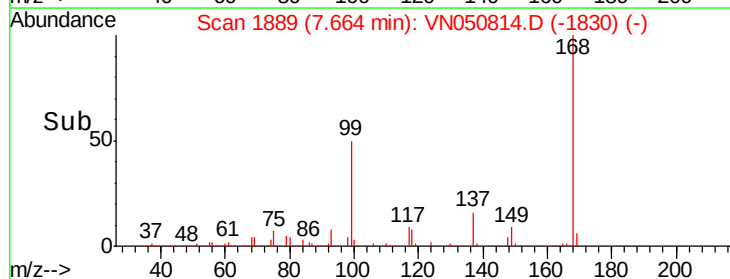
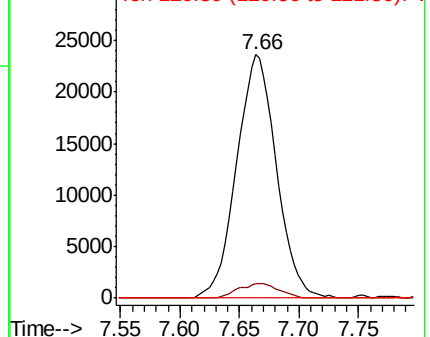
121 0.0 24.6 36.8#

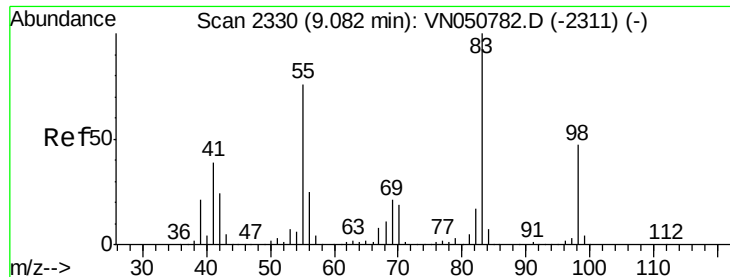


Abundance Ion 116.80 (116.50 to 117.50): VN050814.D (-1830) (-)

Ion 118.80 (118.50 to 119.50): VN050814.D (-1830) (-)

Ion 120.80 (120.50 to 121.50): VN050814.D (-1830) (-)

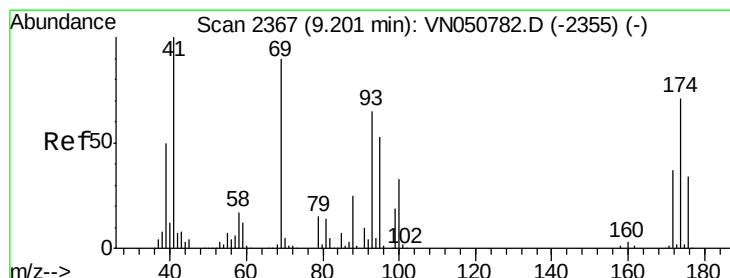
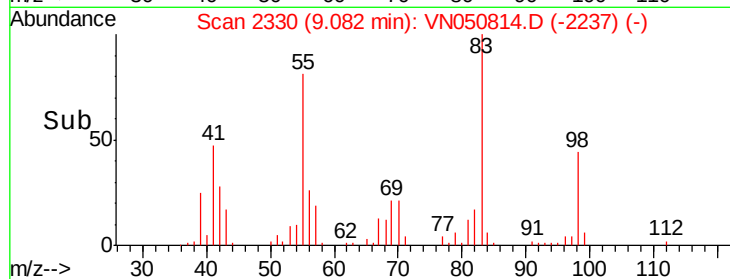
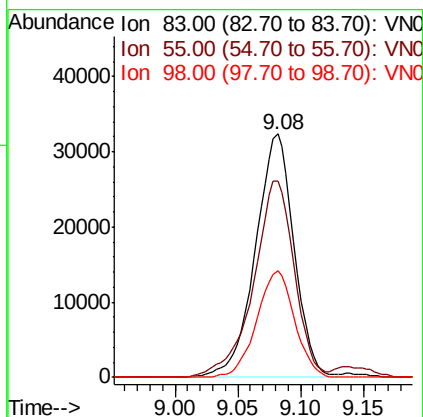
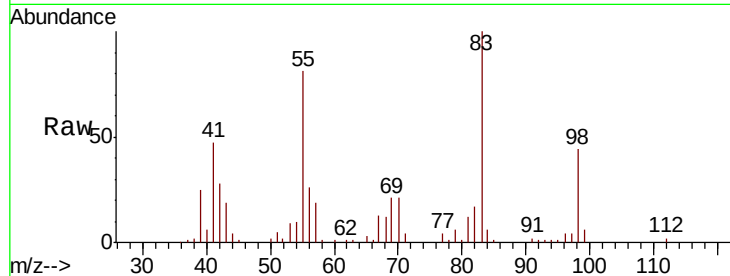




#39
Methylcyclohexane
Concen: 5.90 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN050814.D
Acq: 22 Aug 2018 12:59

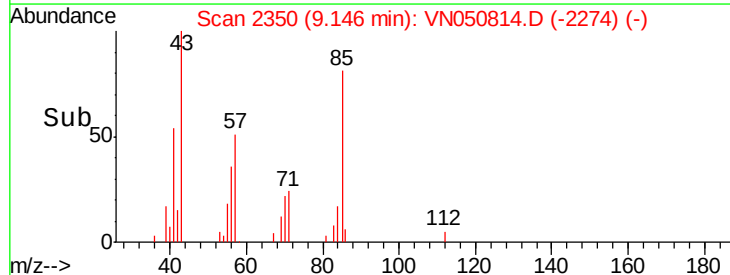
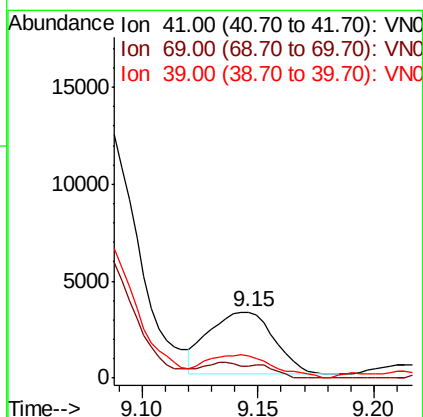
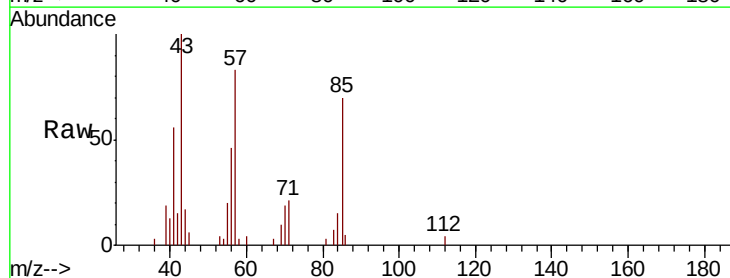
Instrument :
MSVOA_N
ClientSampleId :
EP1-WC4-UST-0818

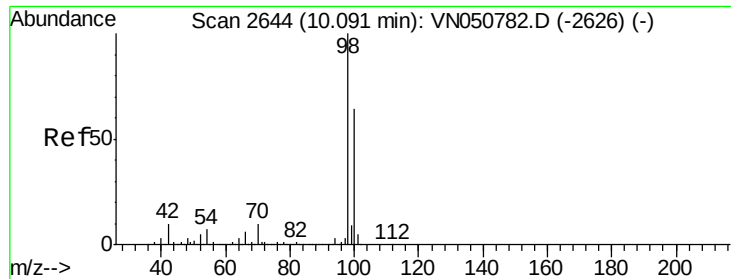
Tot Ion: 83 Resp: 69364
Ion Ratio Lower Upper
83 100
55 80.7 61.0 91.4
98 43.7 37.5 56.3



#48
Methyl methacrylate
Concen: 1.15 ug/l
RT: 9.15 min Scan# 2350
Delta R.T. -0.05 min
Lab File: VN050814.D
Acq: 22 Aug 2018 12:59

Tgt Ion: 41 Resp: 6295
Ion Ratio Lower Upper
41 100
69 23.8 74.7 112.1#
39 39.1 42.2 63.2#





#50

Toluene-d8

Concen: 55.51 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

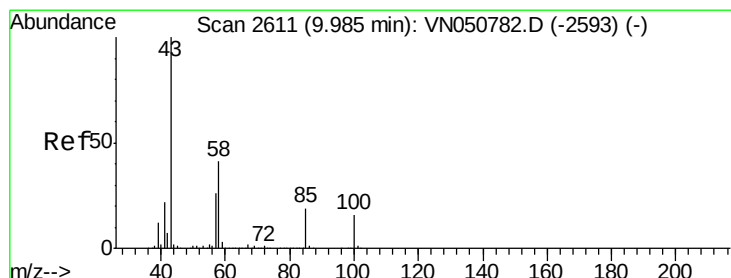
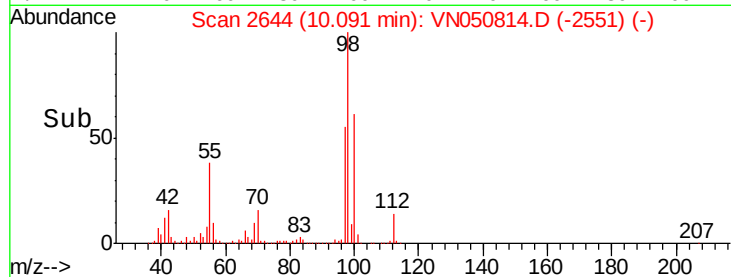
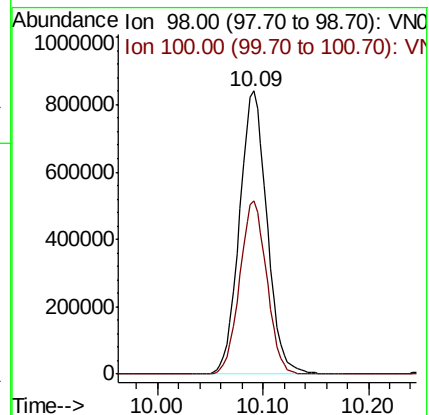
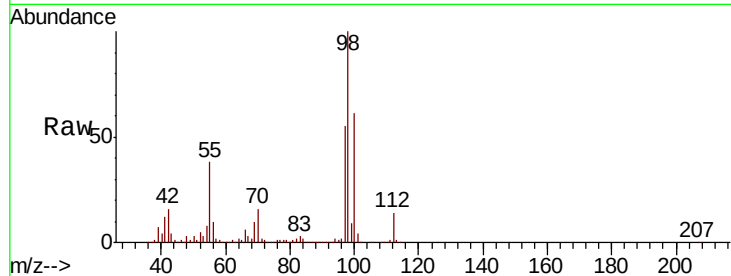
EP1-WC4-UST-0818

Tot Ion: 98 Resp: 1521251

Ion Ratio Lower Upper

98 100

100 59.9 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 9.89 ug/l

RT: 10.08 min Scan# 2642

Delta R.T. 0.10 min

Lab File: VN050814.D

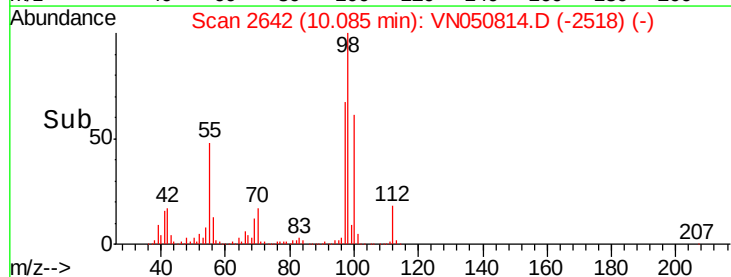
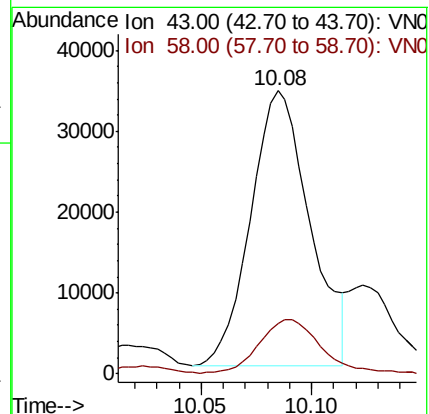
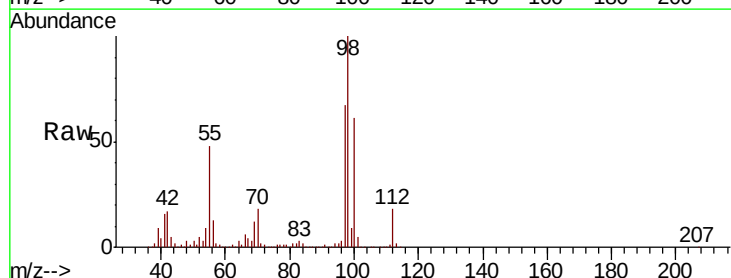
Acq: 22 Aug 2018 12:59

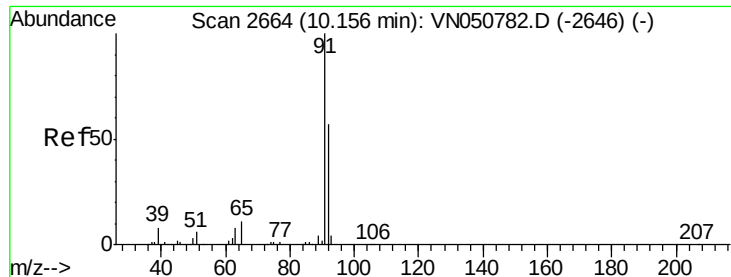
Tgt Ion: 43 Resp: 63378

Ion Ratio Lower Upper

43 100

58 21.0 32.4 48.6#





#52

Toluene

Concen: 3.05 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

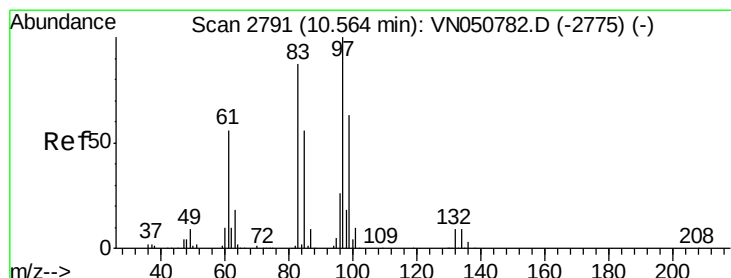
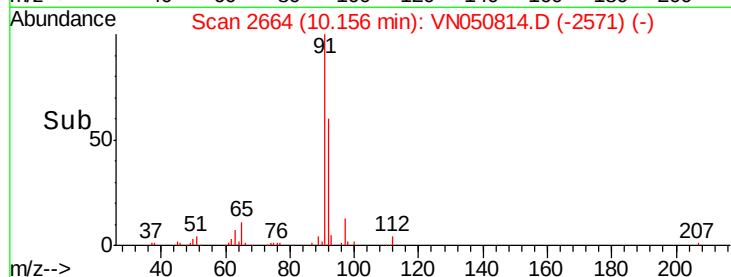
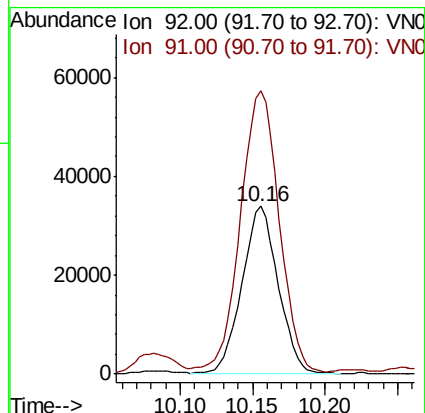
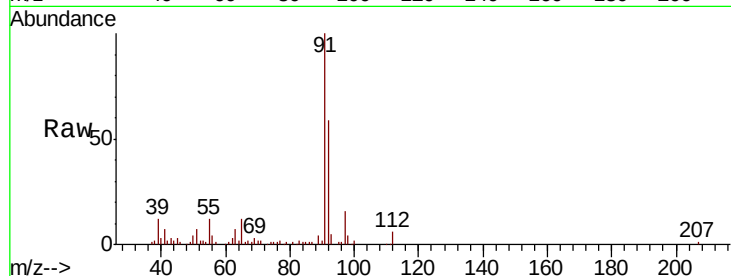
EP1-WC4-UST-0818

Tot Ion: 92 Resp: 59316

Ion Ratio Lower Upper

92 100

91 178.5 140.6 211.0



#55

1,1,2-Trichloroethane

Concen: 71.78 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. -0.03 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

Tgt Ion: 97 Resp: 517499

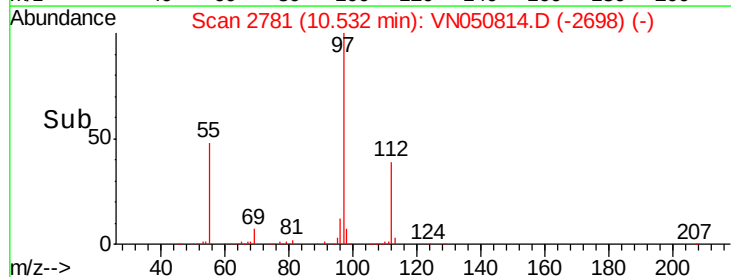
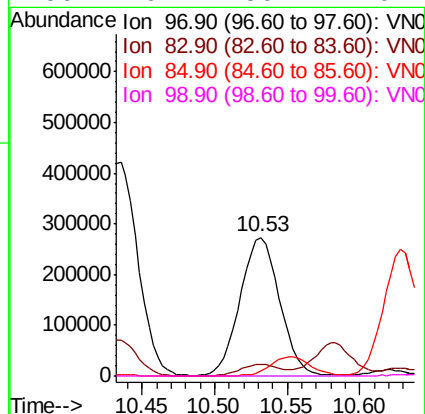
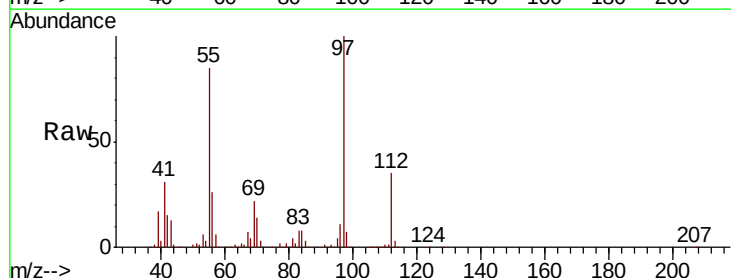
Ion Ratio Lower Upper

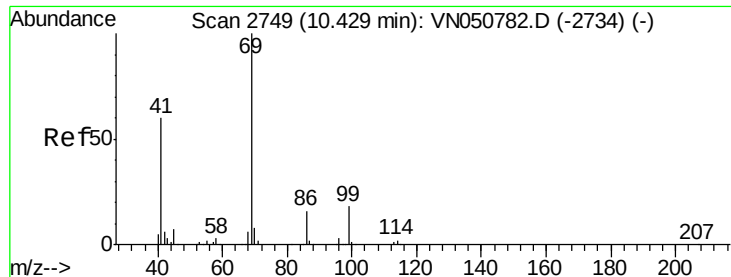
97 100

83 8.0 69.7 104.5#

85 3.4 44.5 66.7#

99 0.2 50.7 76.1#





#56

Ethyl methacrylate

Concen: 23.39 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

EP1-WC4-UST-0818

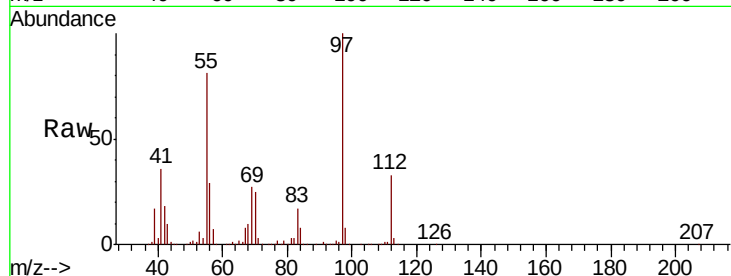
Tot Ion: 69 Resp: 207048

Ion Ratio Lower Upper

69 100

41 136.5 48.3 72.5#

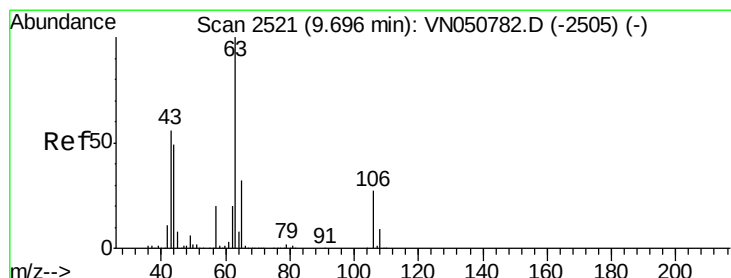
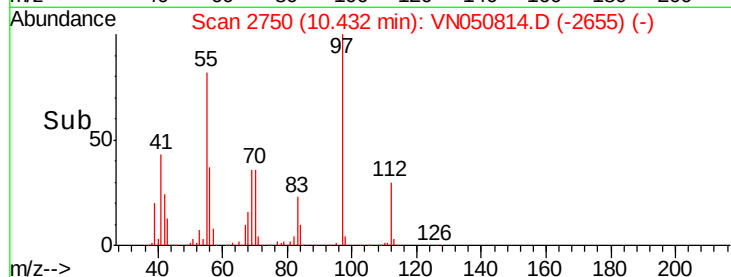
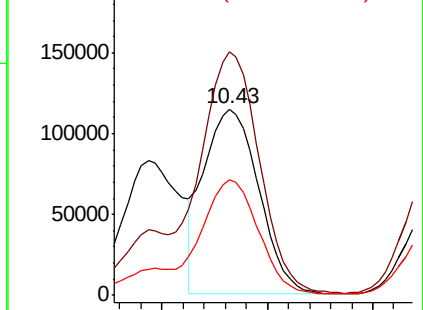
39 64.9 24.0 36.0#



Abundance Ion 69.00 (68.70 to 69.70): VN050814.D (-2655) (-)

Ion 41.00 (40.70 to 41.70): VN050814.D (-2655) (-)

Ion 39.00 (38.70 to 39.70): VN050814.D (-2655) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 12.62 ug/l

RT: 9.72 min Scan# 2529

Delta R.T. 0.03 min

Lab File: VN050814.D

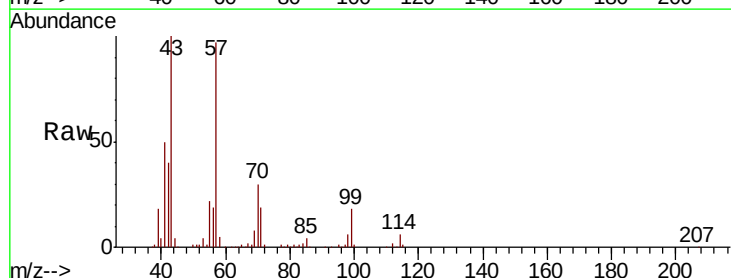
Acq: 22 Aug 2018 12:59

Tgt Ion: 63 Resp: 1723

Ion Ratio Lower Upper

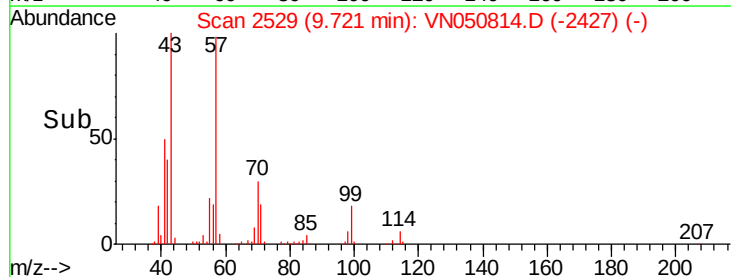
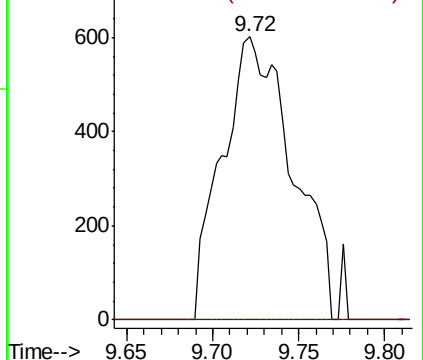
63 100

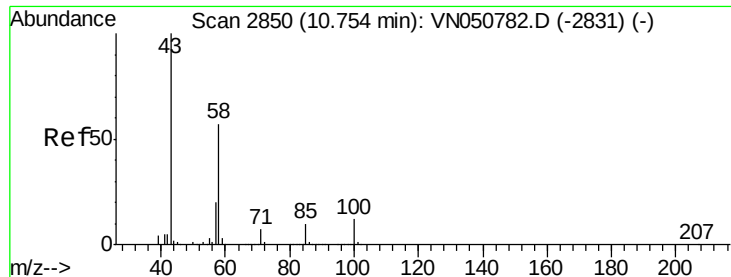
106 0.0 21.9 32.9#



Abundance Ion 62.90 (62.60 to 63.60): VN050814.D (-2427) (-)

Ion 105.90 (105.60 to 106.60): VN050814.D (-2427) (-)

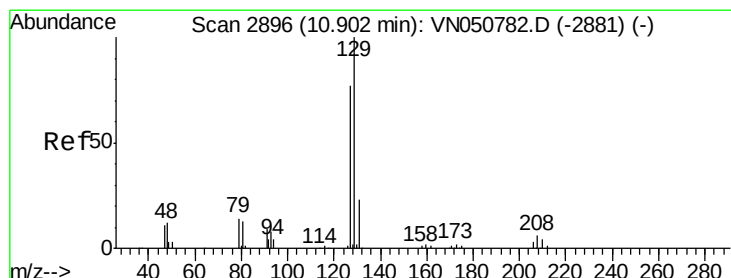
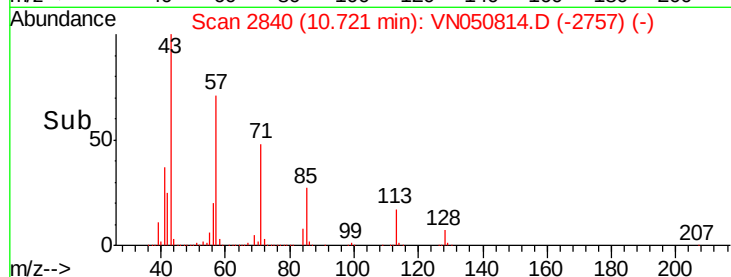
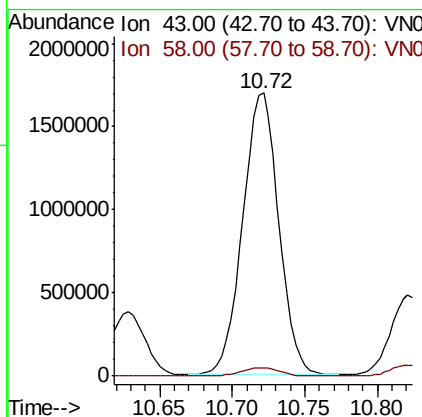
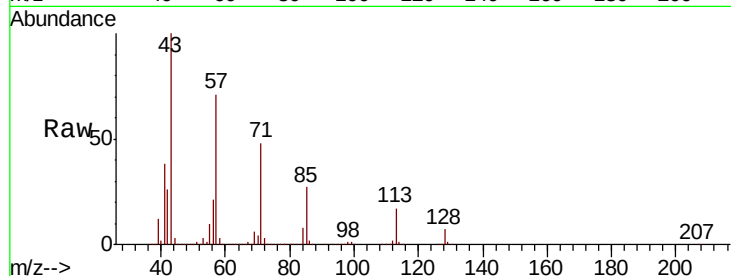




#59
2-Hexanone
Concen: 687.39 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. -0.03 min
Lab File: VN050814.D
Acq: 22 Aug 2018 12:59

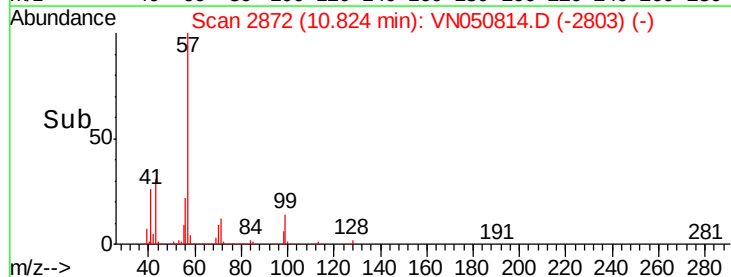
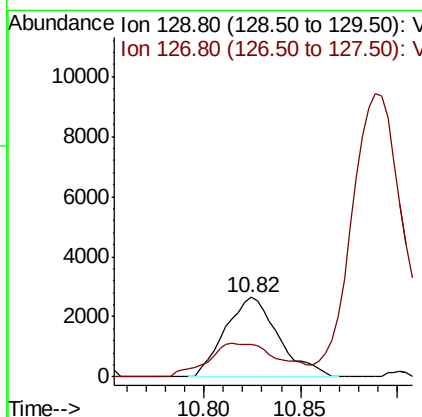
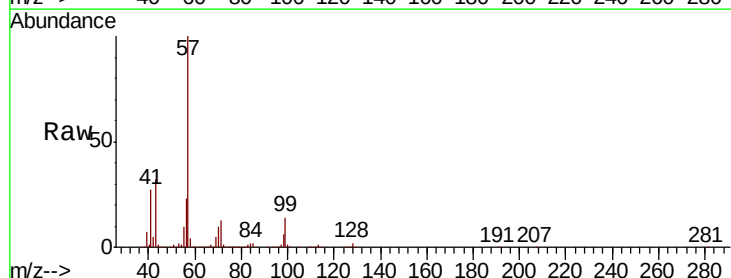
Instrument :
MSVOA_N
ClientSampleId :
EP1-WC4-UST-0818

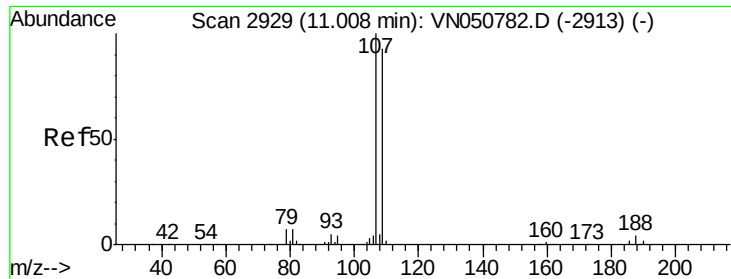
Tot Ion: 43 Resp: 2932634
Ion Ratio Lower Upper
43 100
58 3.1 28.3 85.0#



#60
Dibromochloromethane
Concen: 0.63 ug/l
RT: 10.82 min Scan# 2872
Delta R.T. -0.08 min
Lab File: VN050814.D
Acq: 22 Aug 2018 12:59

Tgt Ion: 129 Resp: 5091
Ion Ratio Lower Upper
129 100
127 57.7 38.3 114.9





#61

1,2-Dibromoethane

Concen: 0.53 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. -0.00 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

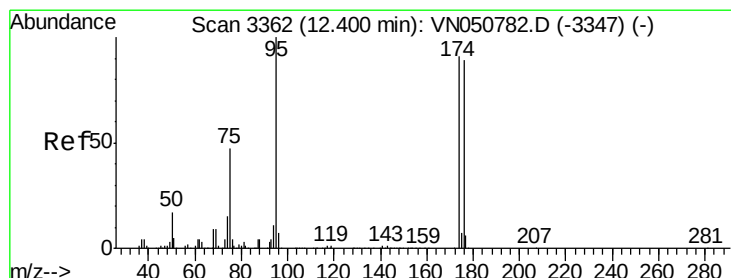
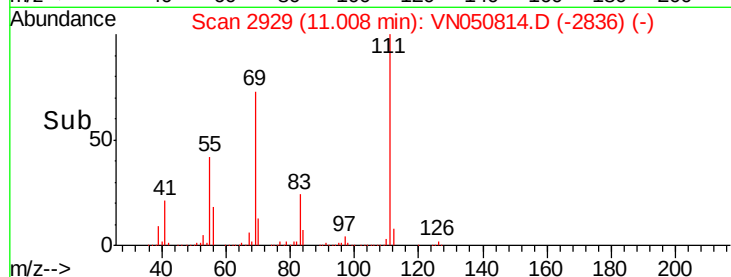
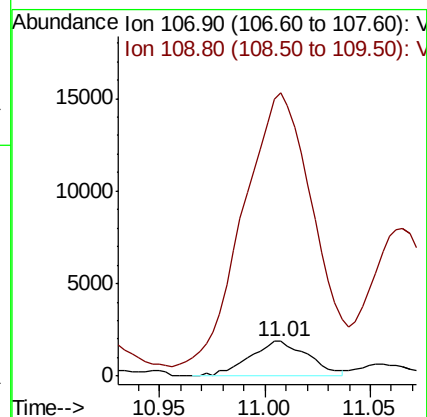
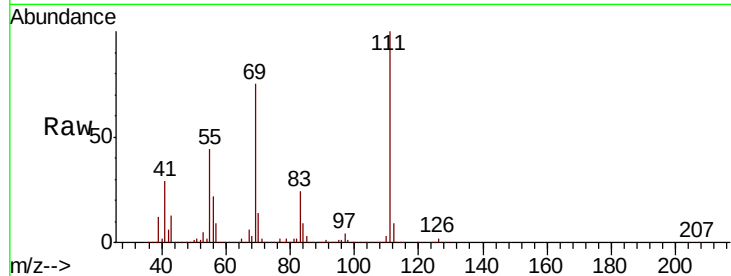
EP1-WC4-UST-0818

Tot Ion:107 Resp: 3662

Ion Ratio Lower Upper

107 100

109 923.2 75.4 113.2#



#62

4-Bromofluorobenzene

Concen: 136.12 ug/l

RT: 12.40 min Scan# 3361

Delta R.T. -0.00 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

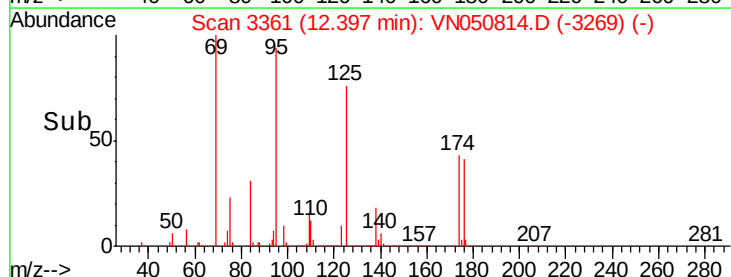
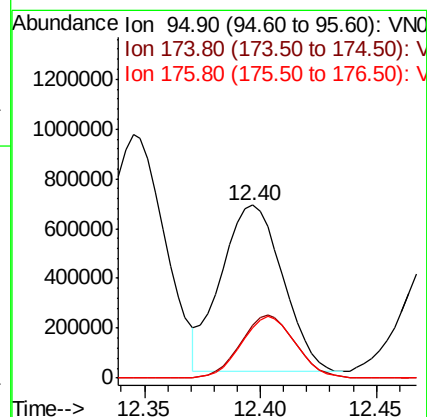
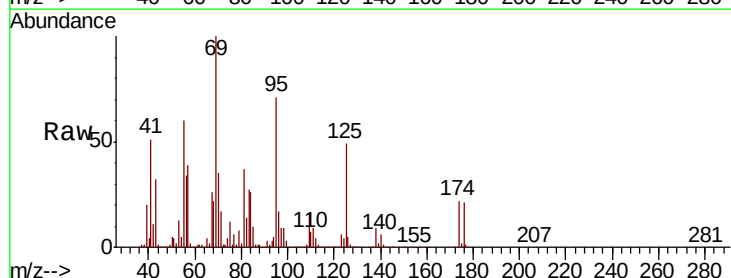
Tgt Ion: 95 Resp: 1239659

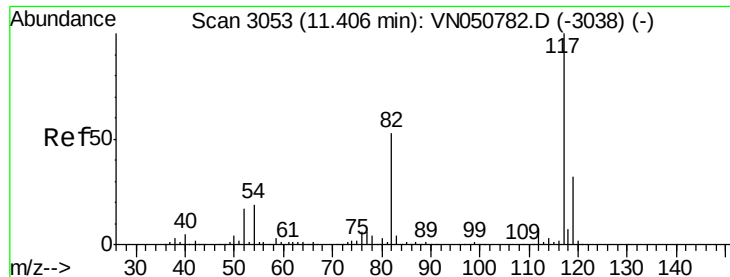
Ion Ratio Lower Upper

95 100

174 33.4 0.0 183.0

176 32.6 0.0 178.8

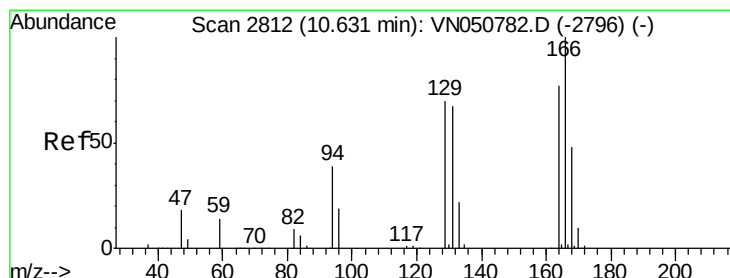
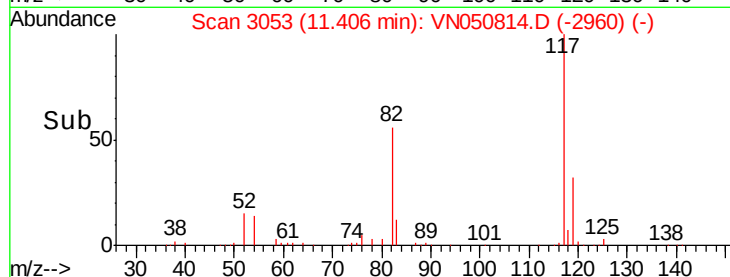
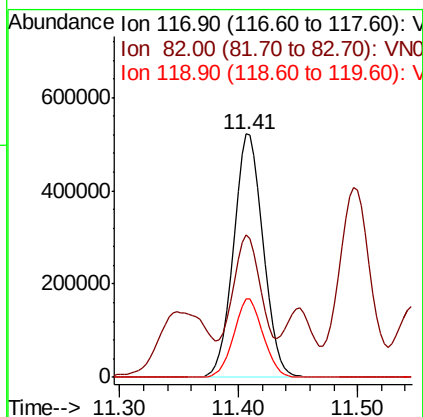
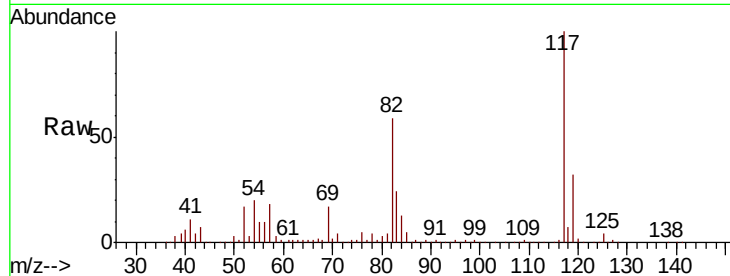




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN050814.D
Acq: 22 Aug 2018 12:59

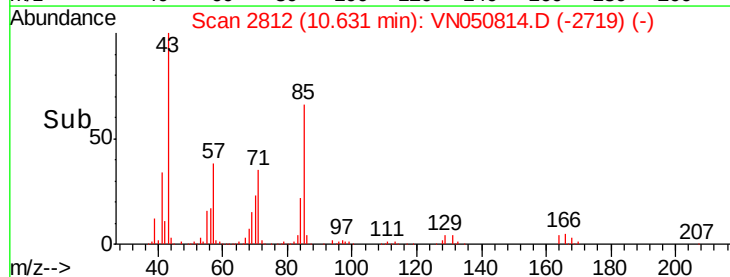
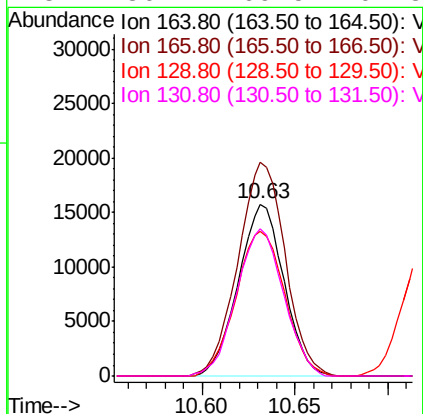
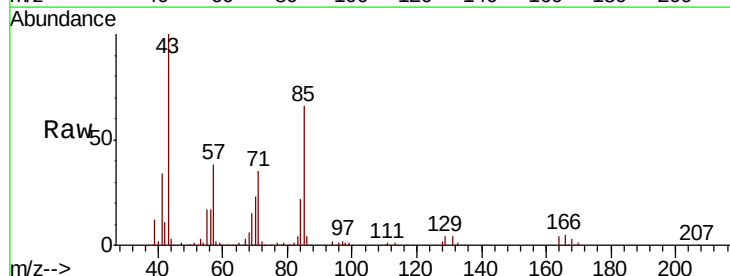
Instrument :
MSVOA_N
ClientSampleId :
EP1-WC4-UST-0818

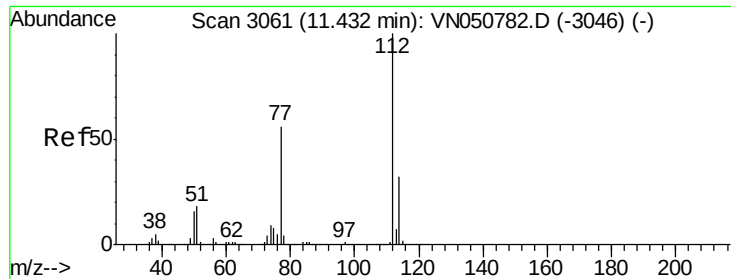
Tot Ion:117 Resp: 898829
Ion Ratio Lower Upper
117 100
82 32.8 42.6 64.0#
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 3.17 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN050814.D
Acq: 22 Aug 2018 12:59

Tgt Ion:164 Resp: 27033
Ion Ratio Lower Upper
164 100
166 124.5 103.5 155.3
129 84.2 72.7 109.1
131 86.1 69.5 104.3

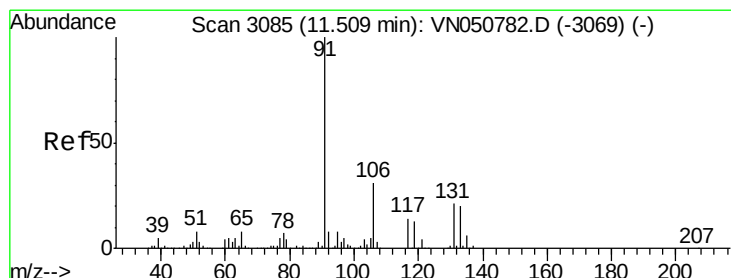
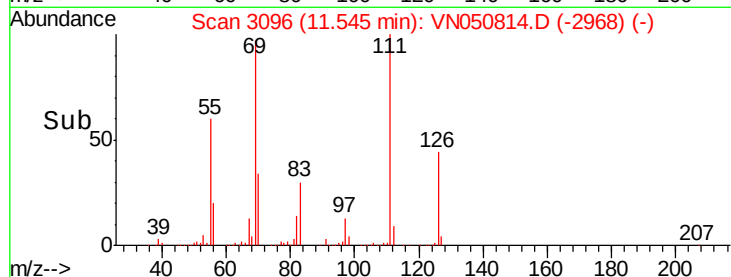
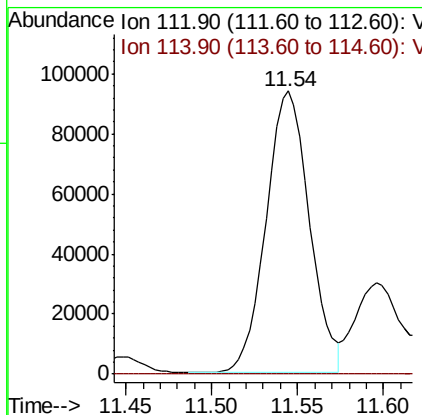
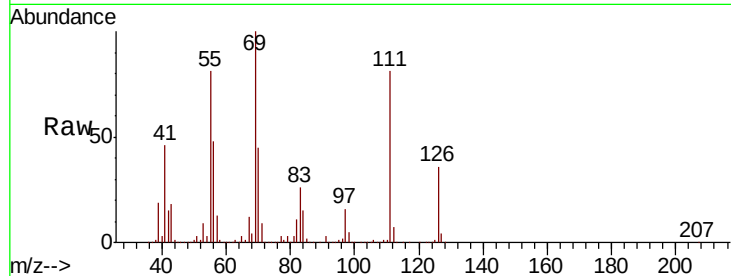




#65
Chlorobenzene
Concen: 7.00 ug/l
RT: 11.54 min Scan# 3096
Delta R.T. 0.11 min
Lab File: VN050814.D
Acq: 22 Aug 2018 12:59

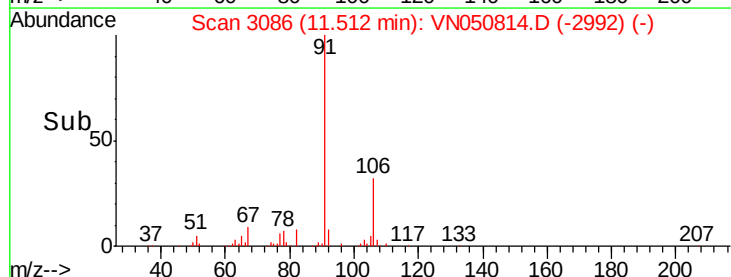
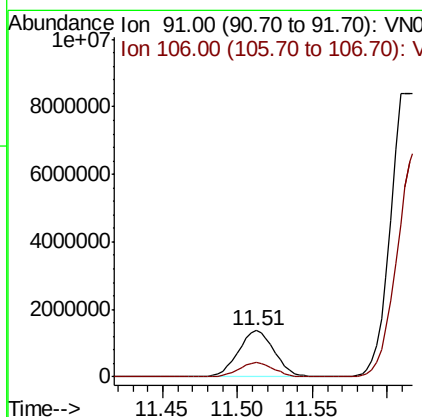
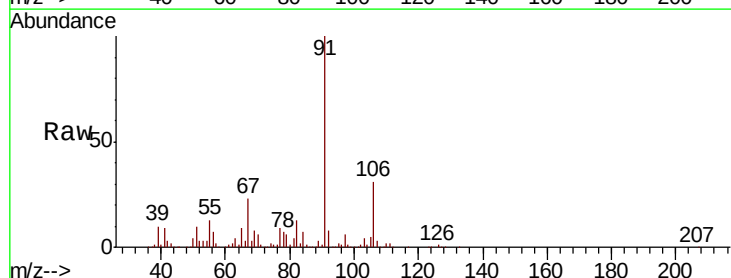
Instrument :
MSVOA_N
ClientSampleId :
EP1-WC4-UST-0818

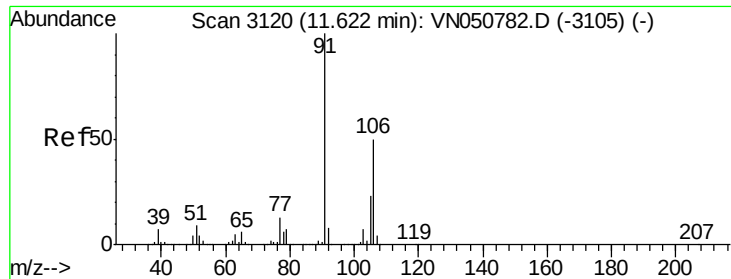
Tot Ion:112 Resp: 164498
Ion Ratio Lower Upper
112 100
114 0.0 25.6 38.4#



#67
Ethyl Benzene
Concen: 60.38 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050814.D
Acq: 22 Aug 2018 12:59

Tgt Ion: 91 Resp: 2306069
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.4

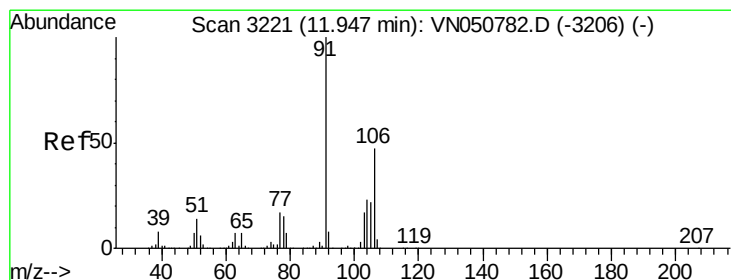
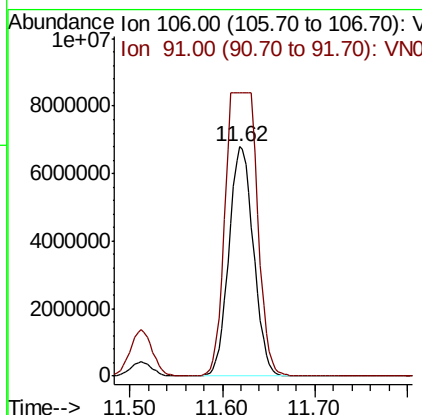
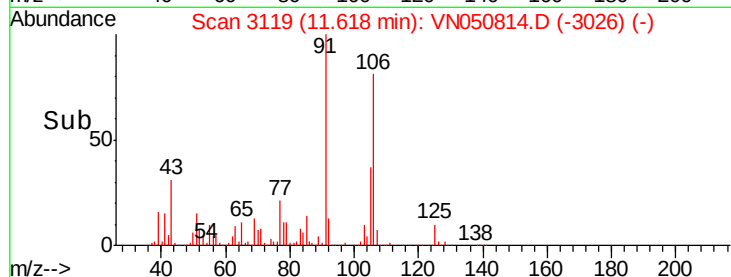
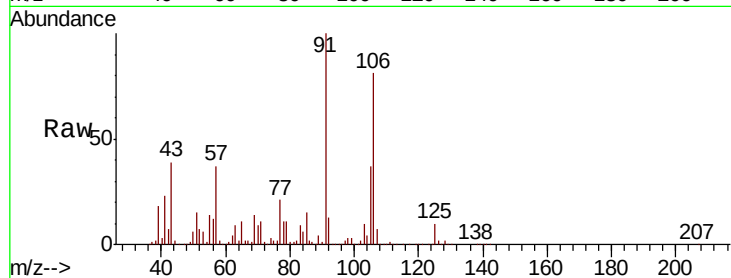




#68
m/p-Xylenes
Concen: 861.82 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN050814.D
Acq: 22 Aug 2018 12:59

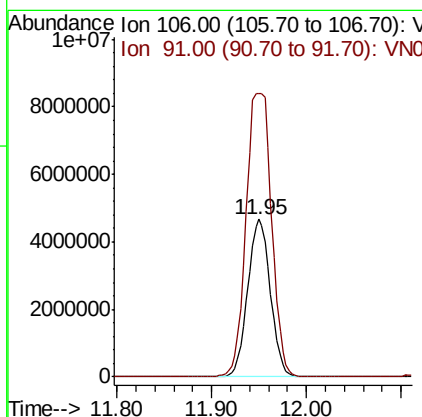
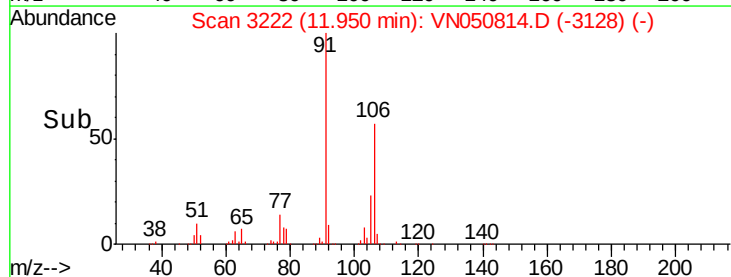
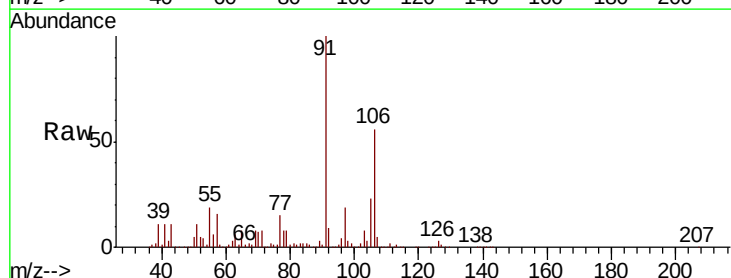
Instrument :
MSVOA_N
ClientSampleId :
EP1-WC4-UST-0818

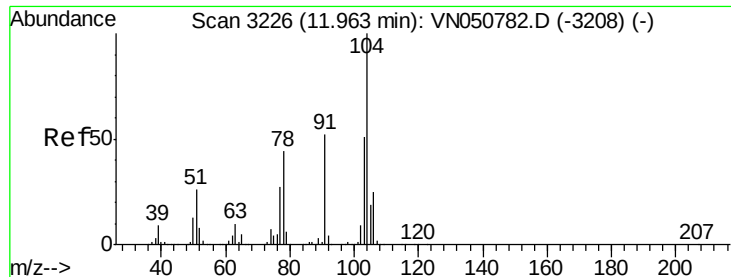
Tot Ion:106 Resp:12494222
Ion Ratio Lower Upper
106 100
91 0.0 161.0 241.6#



#69
o-Xylene
Concen: 555.07 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050814.D
Acq: 22 Aug 2018 12:59

Tgt Ion:106 Resp: 7736307
Ion Ratio Lower Upper
106 100
91 203.3 106.5 319.5





#70

Stvrene

Concen: 16.11 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. -0.01 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

EP1-WC4-UST-0818

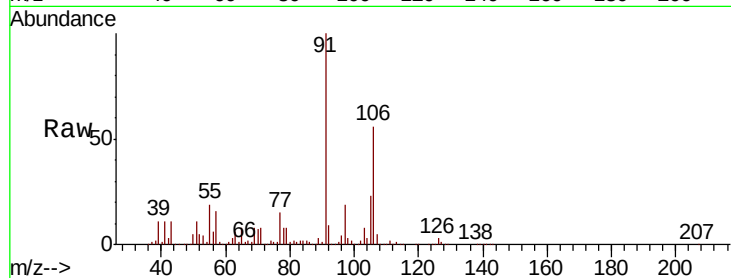
Tot Ion:104 Resp: 374110

Ion Ratio Lower Upper

104 100

78 302.8 38.2 57.4#

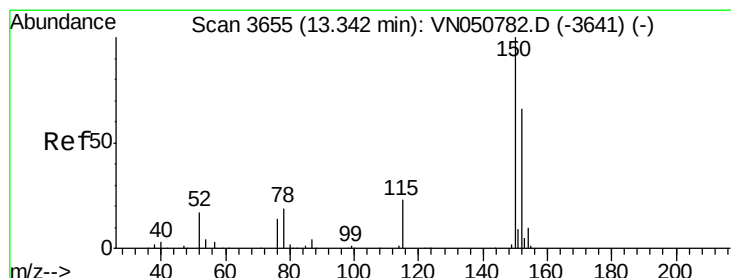
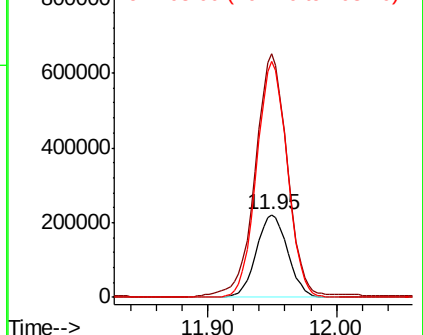
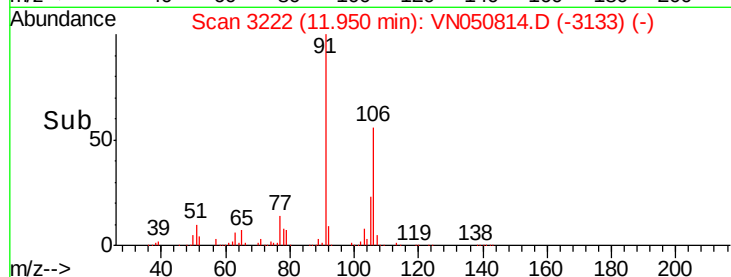
103 281.3 44.4 66.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

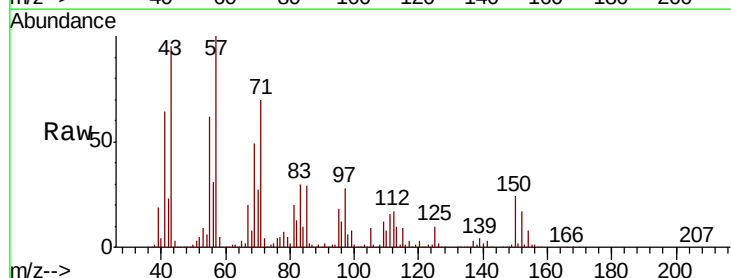
Tgt Ion:152 Resp: 686432

Ion Ratio Lower Upper

152 100

115 0.0 27.8 83.4#

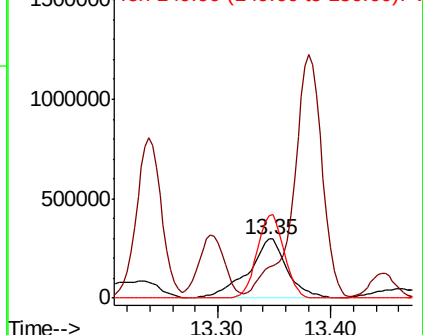
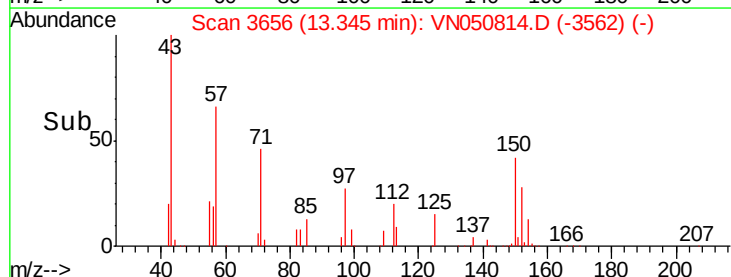
150 101.0 0.0 351.4

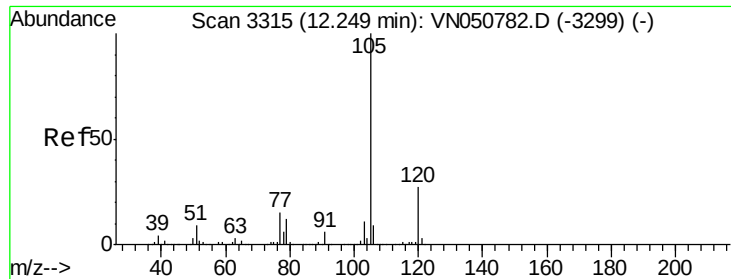


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 91.91 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

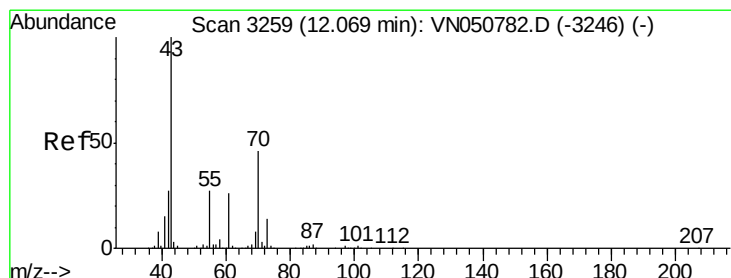
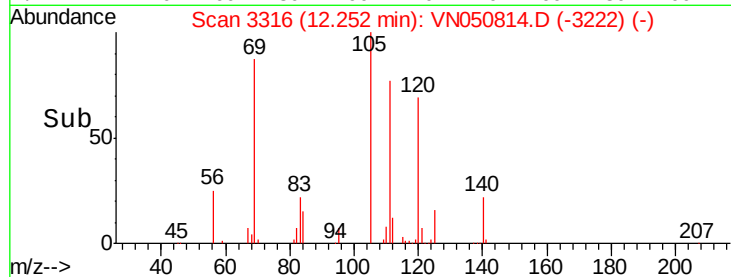
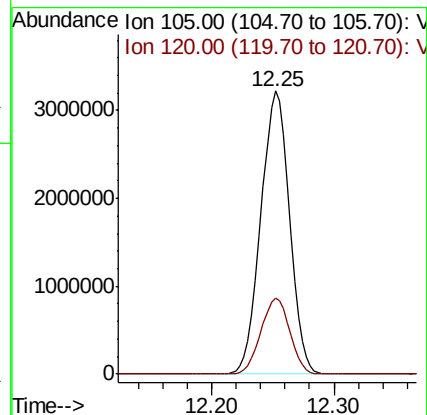
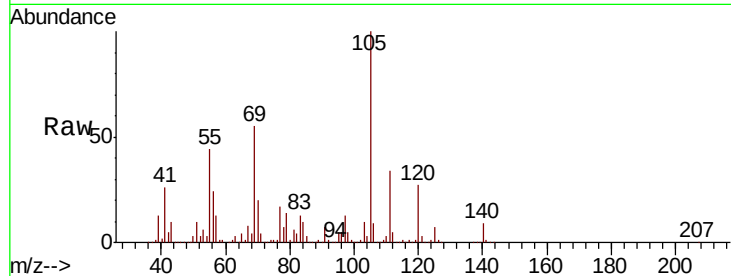
EP1-WC4-UST-0818

Tot Ion:105 Resp: 5224253

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4



#74

N-ethyl acetate

Concen: 476.36 ug/l

RT: 12.05 min Scan# 3253

Delta R.T. -0.02 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

Tgt Ion: 43 Resp: 6803137

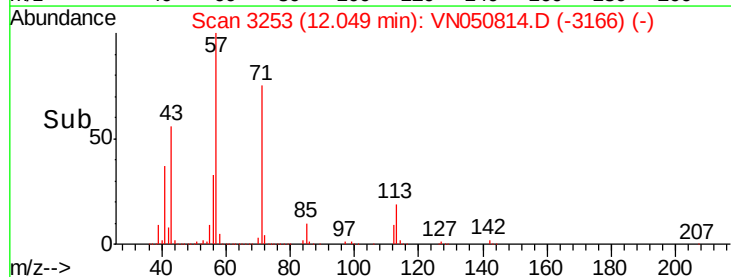
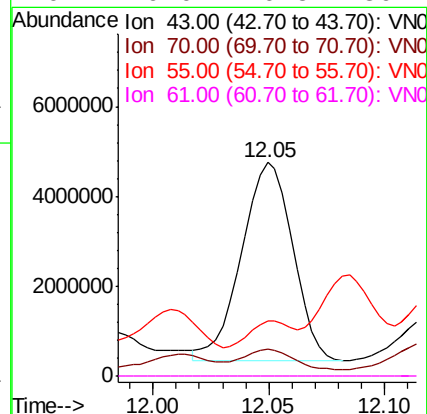
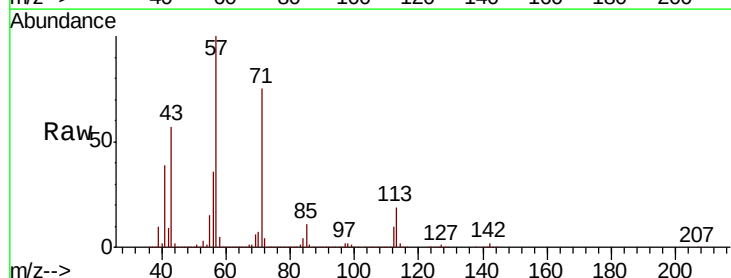
Ion Ratio Lower Upper

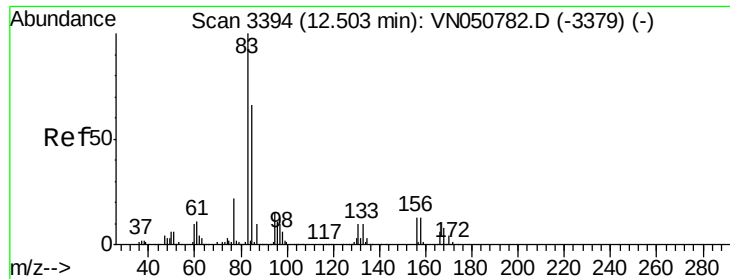
43 100

70 9.6 36.2 54.2#

55 10.9 21.8 32.8#

61 0.0 20.5 30.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 61.65 ug/l

RT: 12.46 min Scan# 3381

Delta R.T. -0.04 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

EP1-WC4-UST-0818

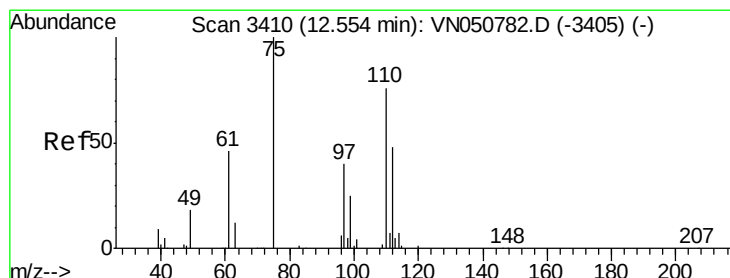
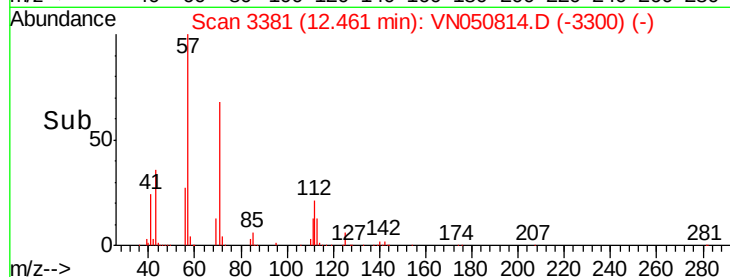
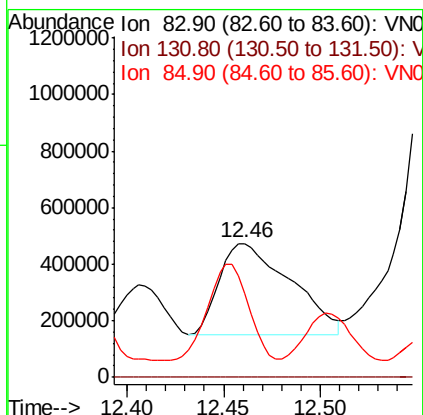
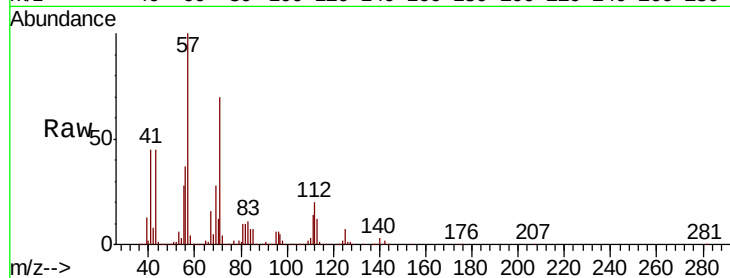
Tot Ion: 83 Resp: 830215

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

85 64.5 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 6.87 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.04 min

Lab File: VN050814.D

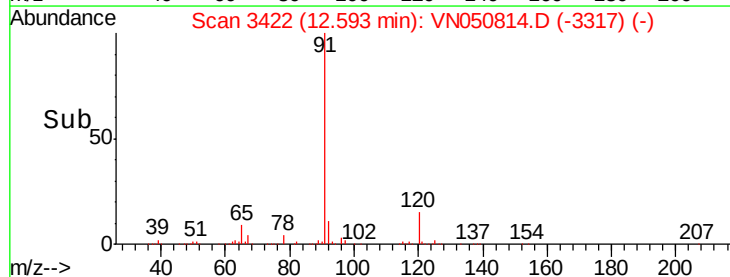
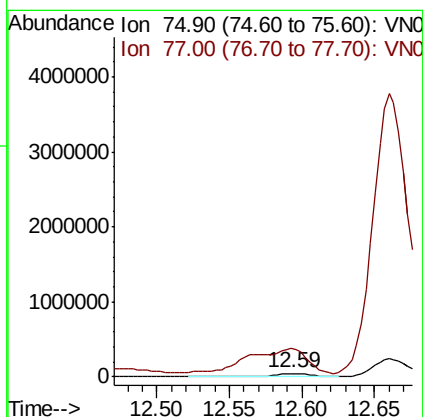
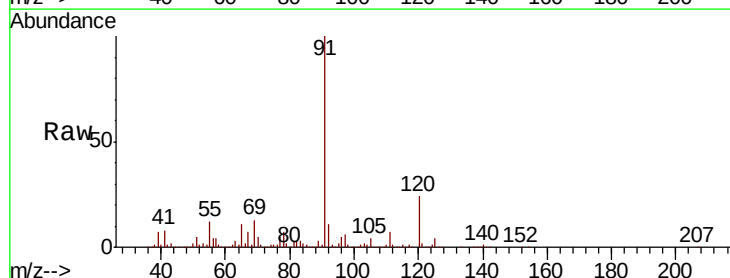
Acq: 22 Aug 2018 12:59

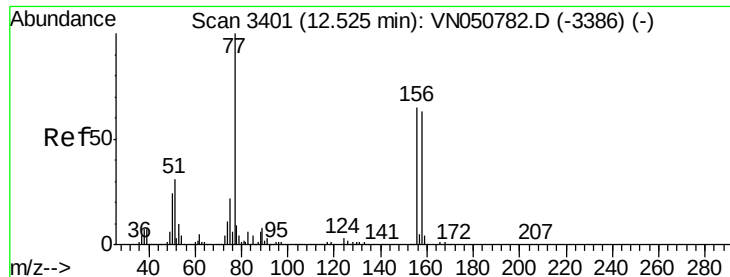
Tgt Ion: 75 Resp: 82575

Ion Ratio Lower Upper

75 100

77 485.6 0.0 0.0#





#77

Bromobenzene

Concen: 0.49 ug/l

RT: 12.51 min Scan# 3397

Delta R.T. -0.01 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

EP1-WC4-UST-0818

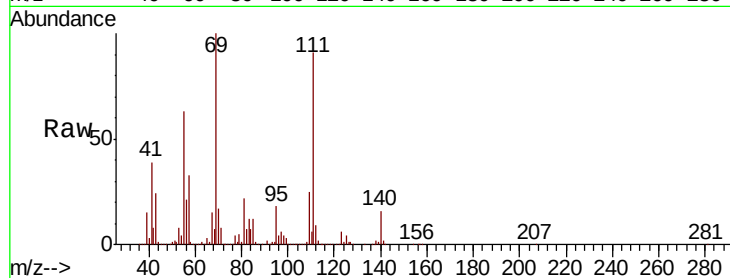
Tot Ion:156 Resp: 7613

Ion Ratio Lower Upper

156 100

77 0.0 89.9 269.7#

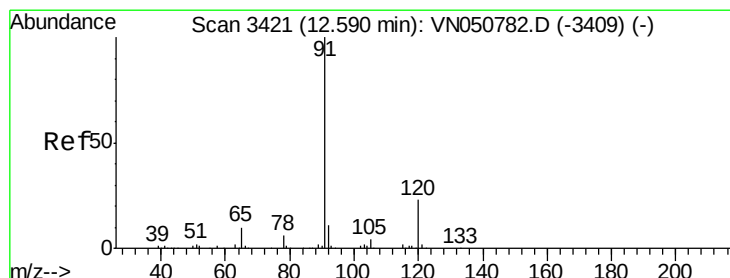
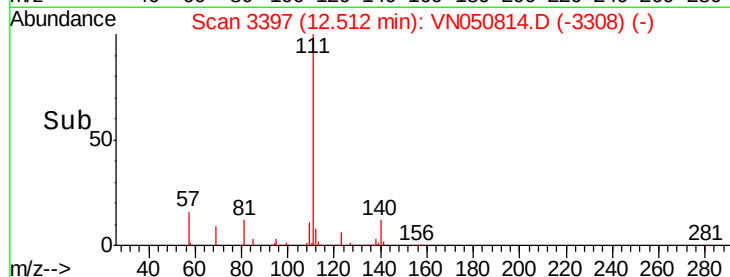
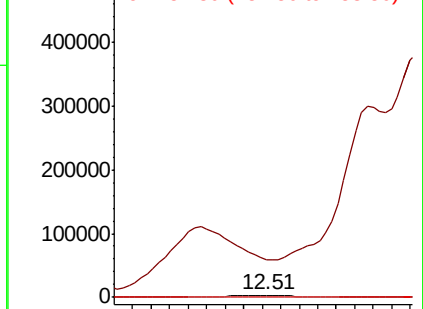
158 15.7 49.3 147.9#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VNO

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 217.27 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050814.D

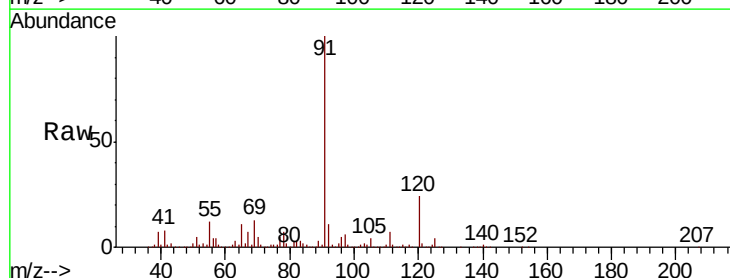
Acq: 22 Aug 2018 12:59

Tgt Ion: 91 Resp:13795713

Ion Ratio Lower Upper

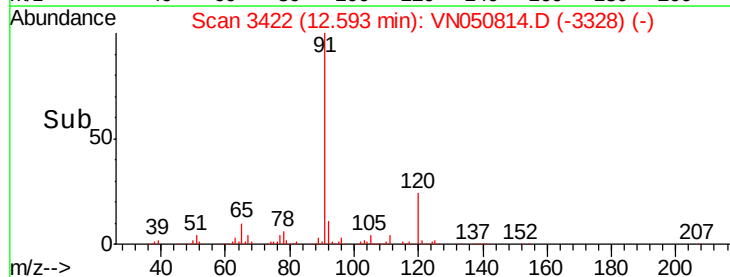
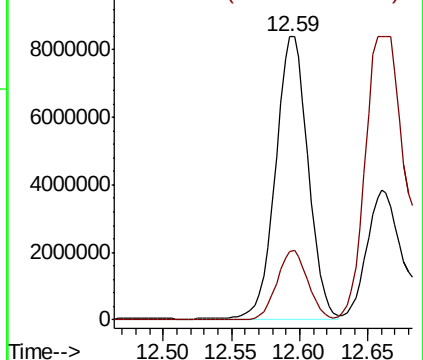
91 100

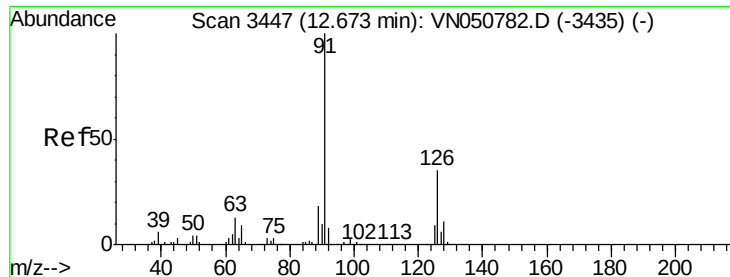
120 23.7 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 155.05 ug/l

RT: 12.66 min Scan# 3443

Delta R.T. -0.01 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

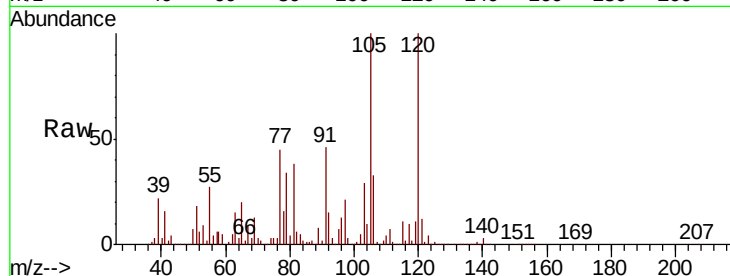
EP1-WC4-UST-0818

Tot Ion: 91 Resp: 6132320

Ion Ratio Lower Upper

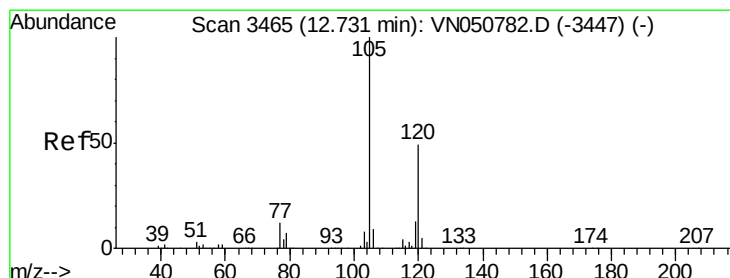
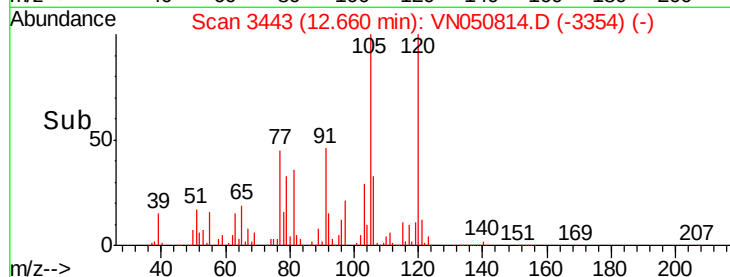
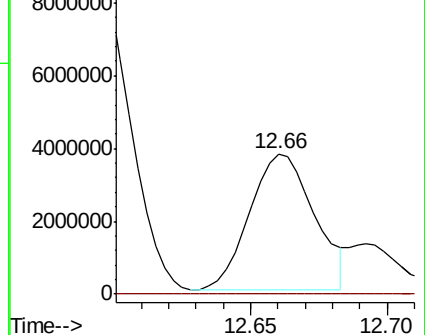
91 100

126 0.0 17.8 53.3#



Abundance Ion 91.00 (90.70 to 91.70): VN050814.D (-3354) (-)

Ion 125.90 (125.60 to 126.60): VN050814.D (-3354) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.59 ug/l

RT: 12.72 min Scan# 3463

Delta R.T. -0.01 min

Lab File: VN050814.D

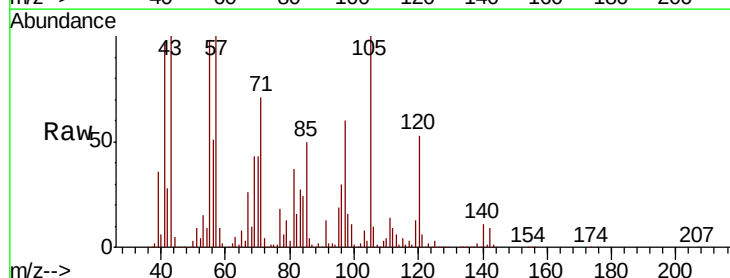
Acq: 22 Aug 2018 12:59

Tgt Ion:105 Resp: 990383

Ion Ratio Lower Upper

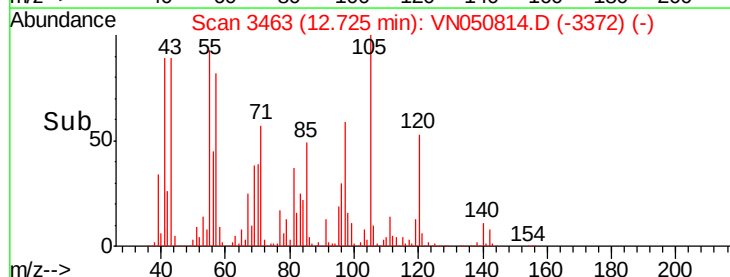
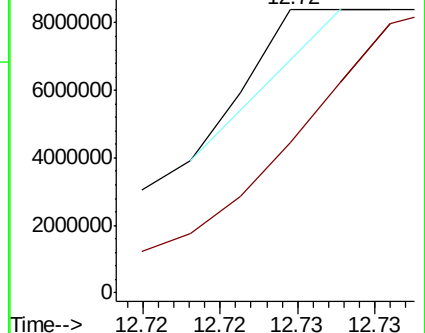
105 100

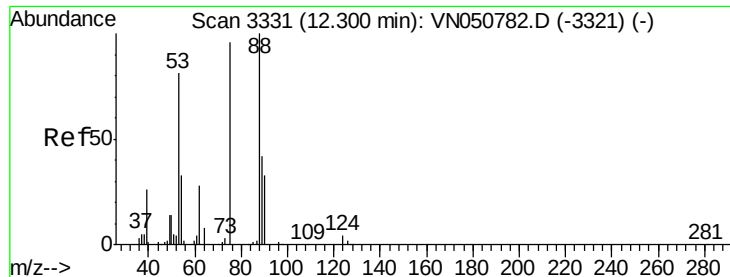
120 175.5 24.6 74.0#



Abundance Ion 105.00 (104.70 to 105.70): VN050814.D (-3372) (-)

Ion 120.00 (119.70 to 120.70): VN050814.D (-3372) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 15.07 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. -0.05 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

EP1-WC4-UST-0818

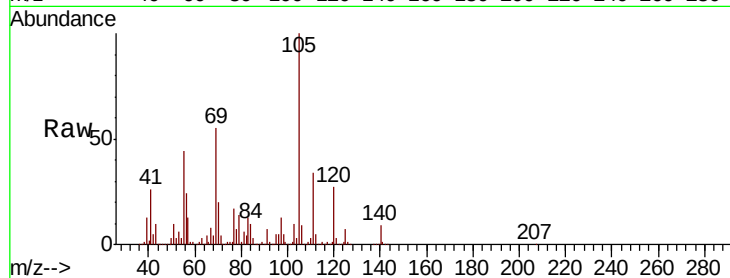
Tot Ion: 75 Resp: 53601

Ion Ratio Lower Upper

75 100

53 0.0 68.9 103.3#

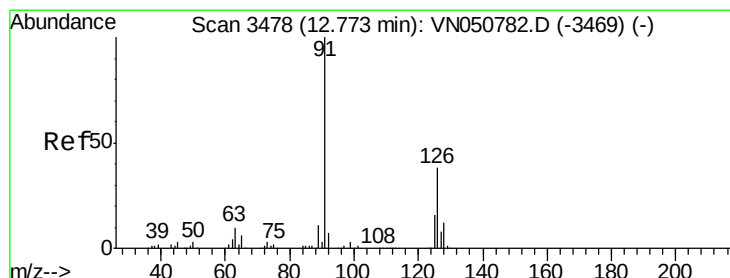
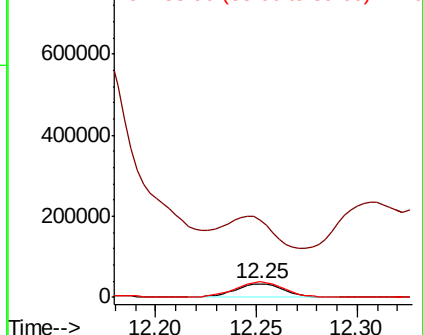
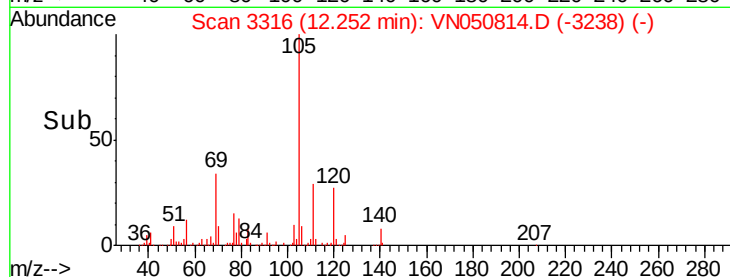
89 111.7 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 97.75 ug/l

RT: 12.74 min Scan# 3468

Delta R.T. -0.03 min

Lab File: VN050814.D

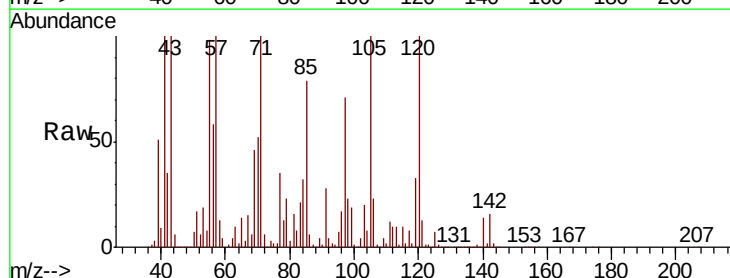
Acq: 22 Aug 2018 12:59

Tgt Ion: 91 Resp: 3816800

Ion Ratio Lower Upper

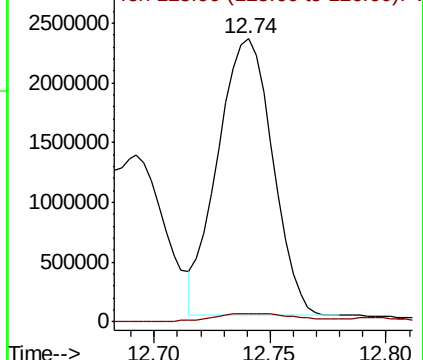
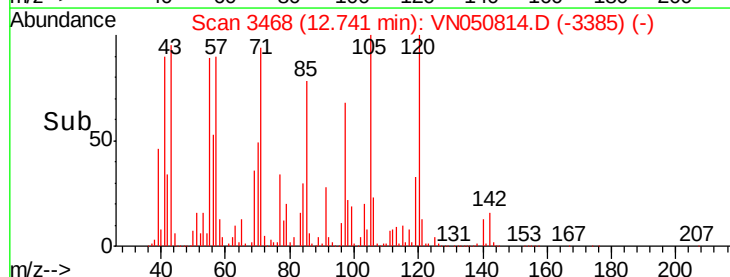
91 100

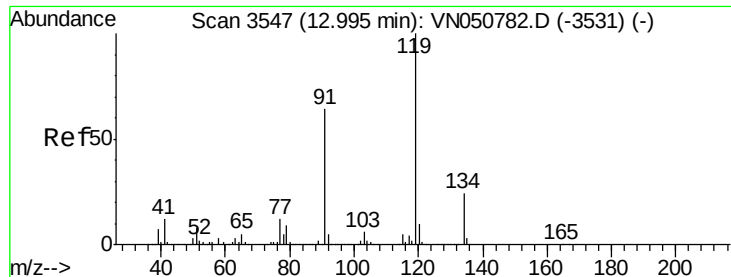
126 4.1 17.5 52.5#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

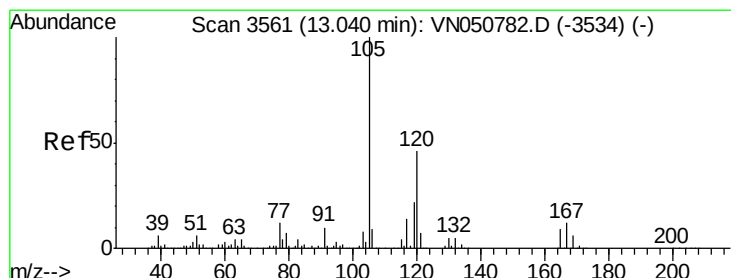
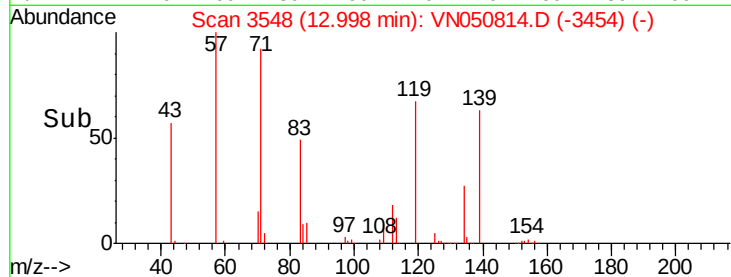
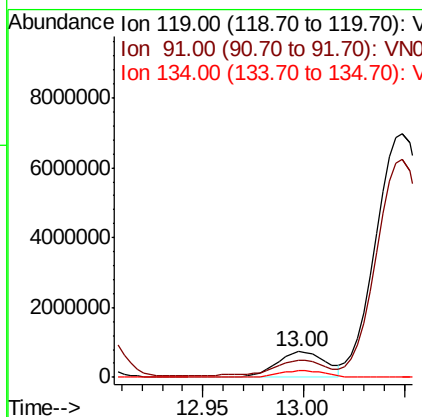
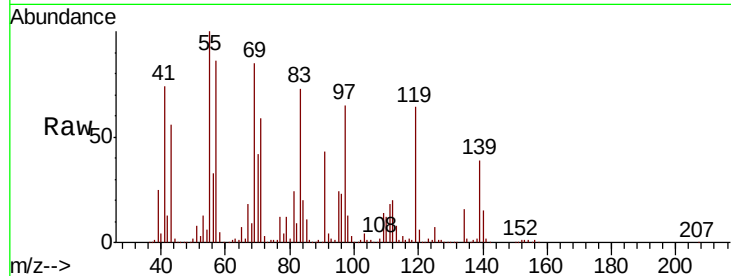




#83
 tert-Butylbenzene
 Concen: 30.76 ug/l
 RT: 13.00 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN050814.D
 Acq: 22 Aug 2018 12:59

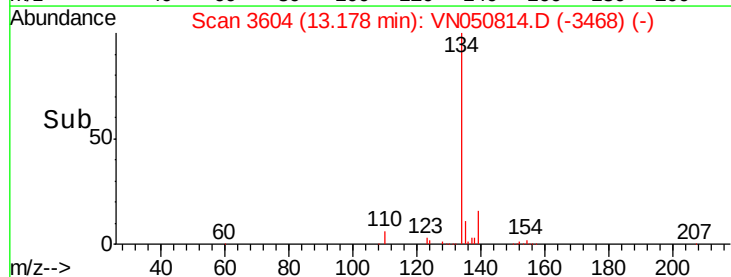
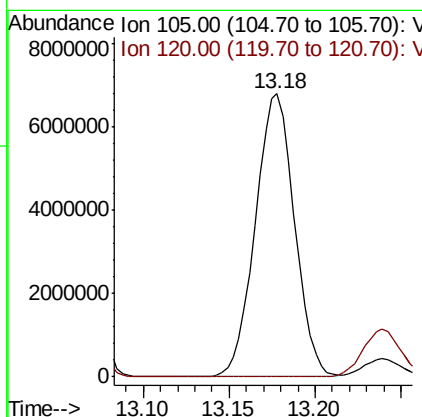
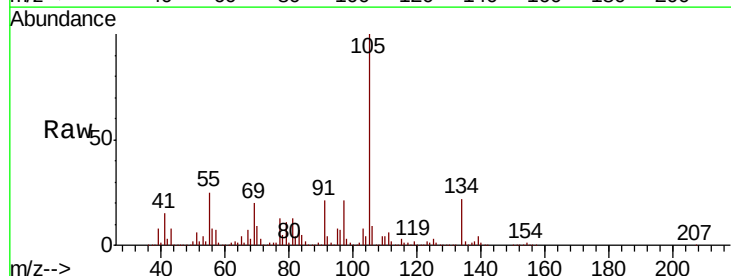
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-WC4-UST-0818

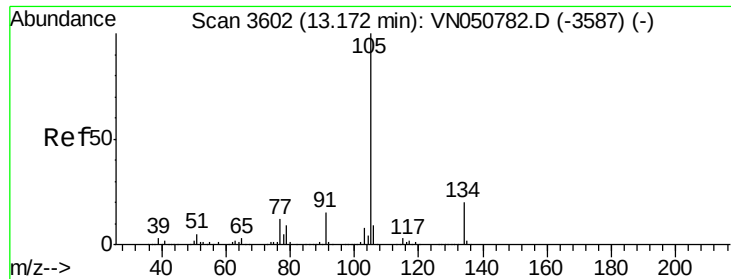
Tot Ion:119 Resp: 1221848
 Ion Ratio Lower Upper
 119 100
 91 67.9 31.6 94.7
 134 24.9 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 231.83 ug/l
 RT: 13.18 min Scan# 3604
 Delta R.T. 0.14 min
 Lab File: VN050814.D
 Acq: 22 Aug 2018 12:59

Tgt Ion:105 Resp:10694890
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.9 68.8#





#85

sec-Butylbenzene

Concen: 205.49 ug/l

RT: 13.18 min Scan# 3604

Delta R.T. 0.01 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

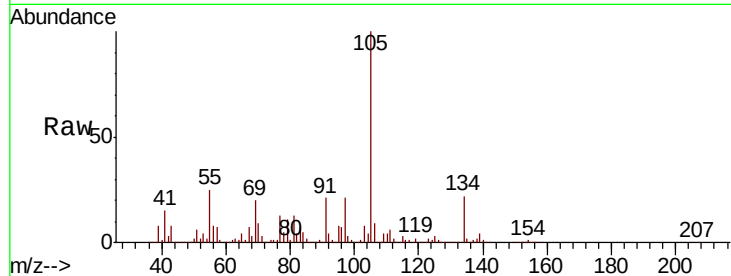
EP1-WC4-UST-0818

Tot Ion:105 Resp:10694890

Ion Ratio Lower Upper

105 100

134 32.1 10.3 30.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

8000000

6000000

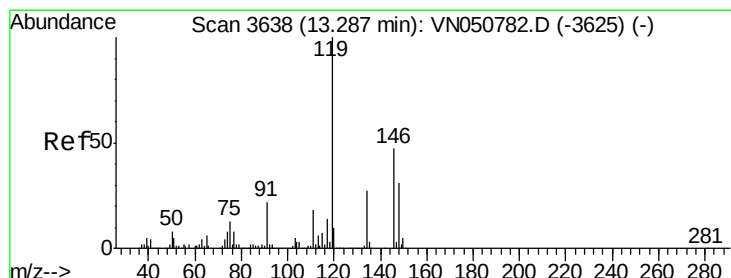
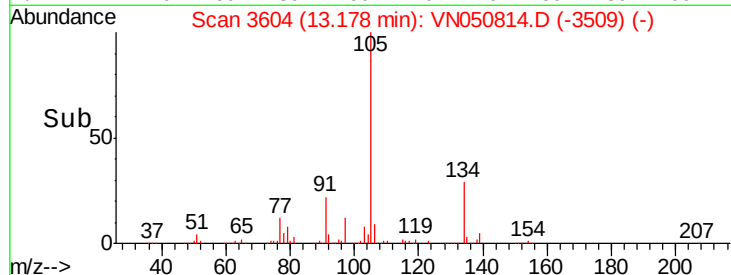
4000000

2000000

0

13.10 13.15 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 159.92 ug/l

RT: 13.29 min Scan# 3640

Delta R.T. 0.01 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

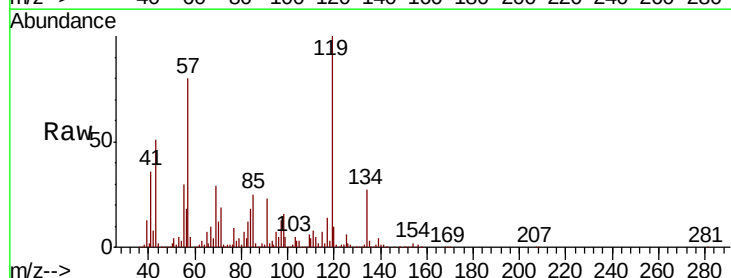
Tgt Ion:119 Resp: 7092004

Ion Ratio Lower Upper

119 100

134 26.9 13.7 41.0

91 22.5 11.2 33.5



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

1e+07

8000000

6000000

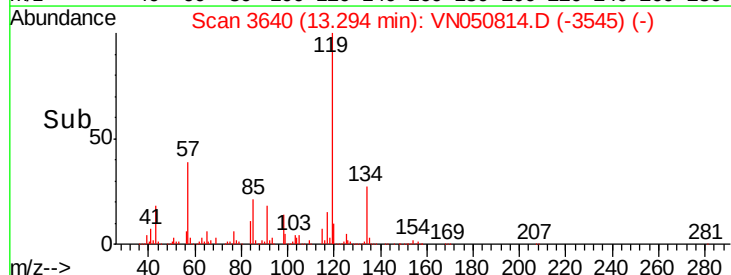
4000000

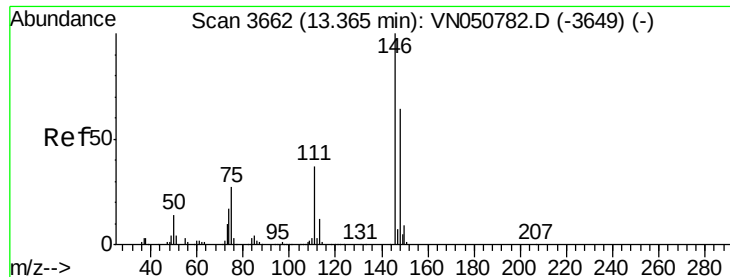
2000000

0

13.25 13.30 13.35

Time-->





#88

1,4-Dichlorobenzene

Concen: 0.36 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. -0.00 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

EP1-WC4-UST-0818

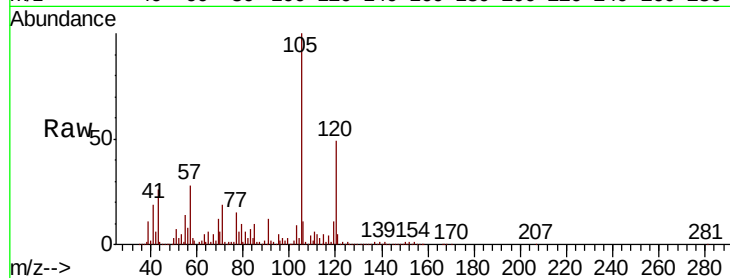
Tot Ion:146 Resp: 9346

Ion Ratio Lower Upper

146 100

111 9647.9 18.8 56.3#

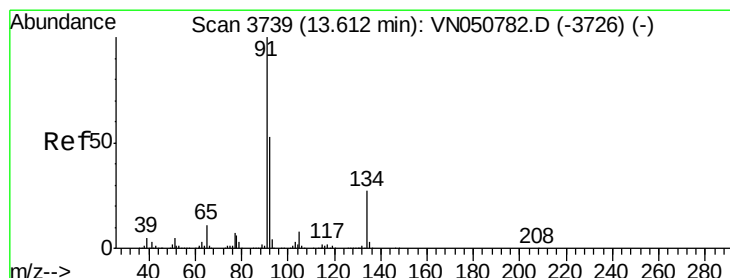
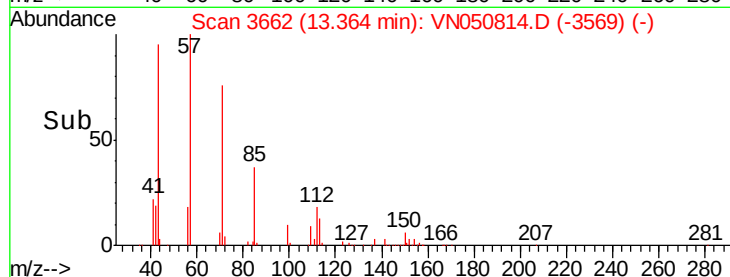
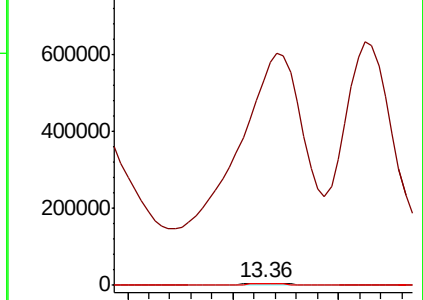
148 81.3 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 259.36 ug/l

RT: 13.62 min Scan# 3741

Delta R.T. 0.01 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

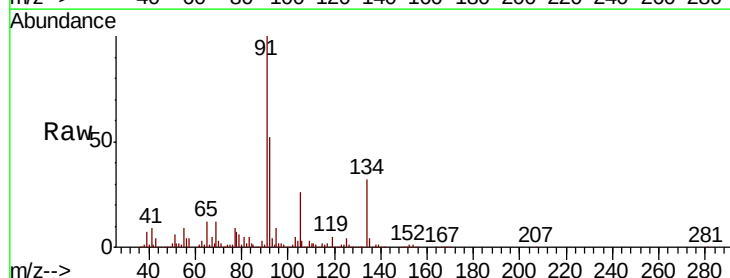
Tgt Ion: 91 Resp: 9199506

Ion Ratio Lower Upper

91 100

92 62.7 26.1 78.2

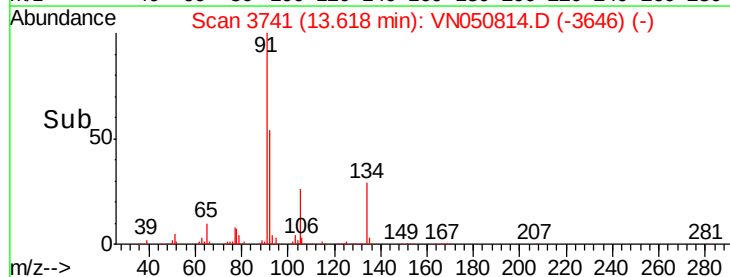
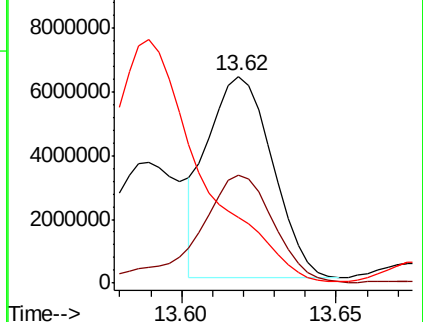
134 0.0 13.2 39.6#

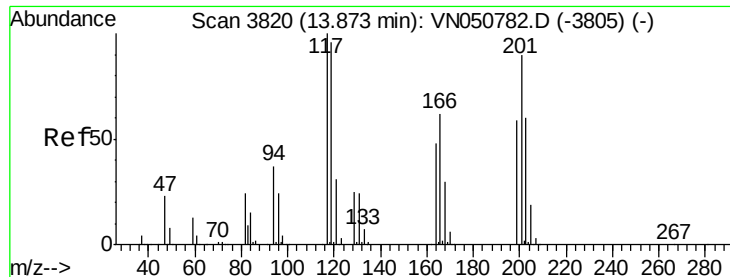


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 210.20 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

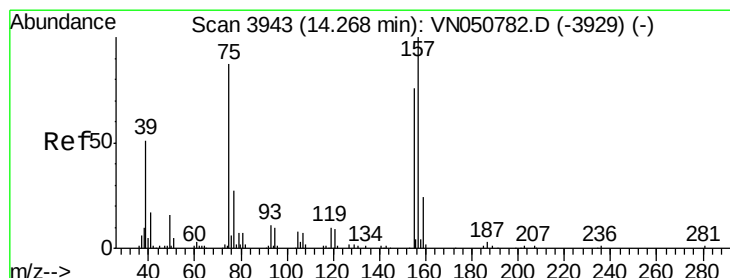
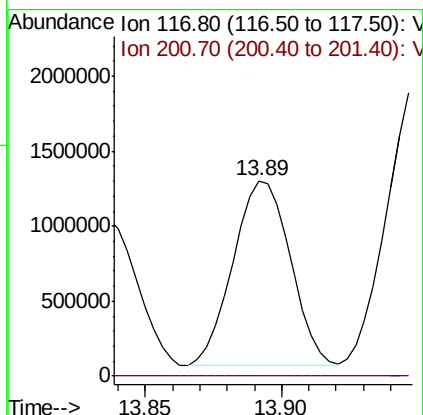
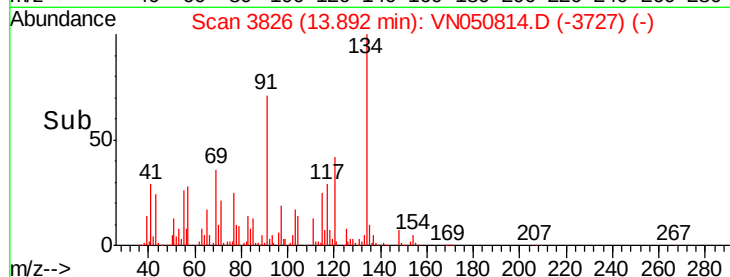
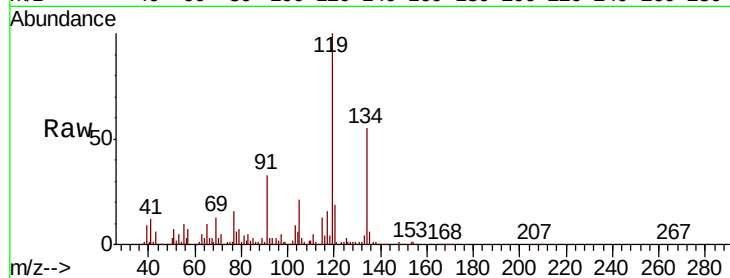
EP1-WC4-UST-0818

Tot Ion:117 Resp: 1781629

Ion Ratio Lower Upper

117 100

201 0.0 46.0 137.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.54 ug/l

RT: 14.25 min Scan# 3938

Delta R.T. -0.02 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

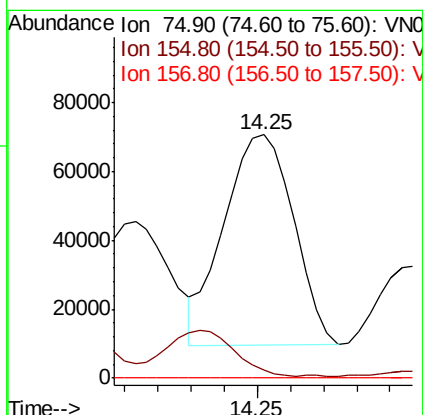
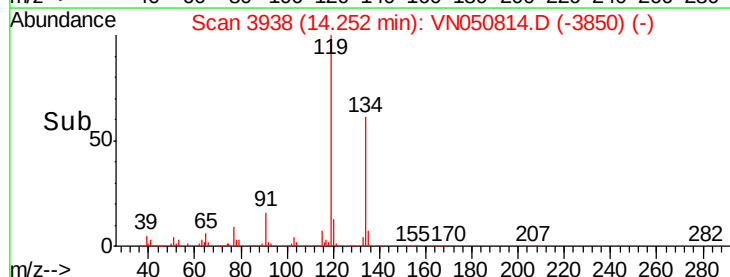
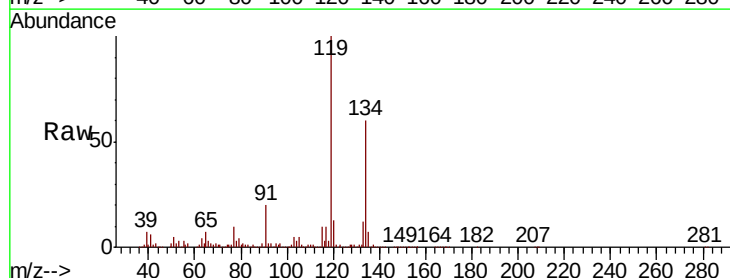
Tgt Ion: 75 Resp: 88877

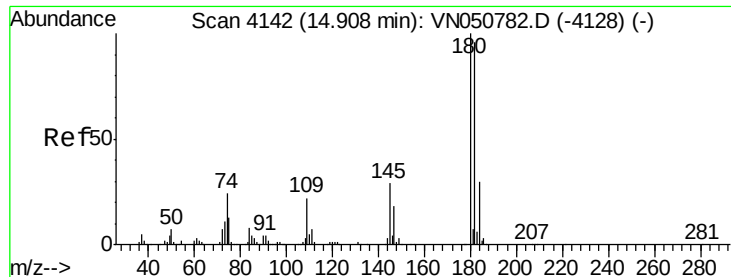
Ion Ratio Lower Upper

75 100

155 0.0 46.4 139.1#

157 0.4 60.7 182.0#

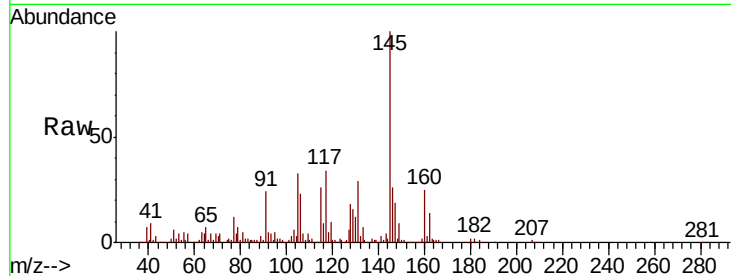




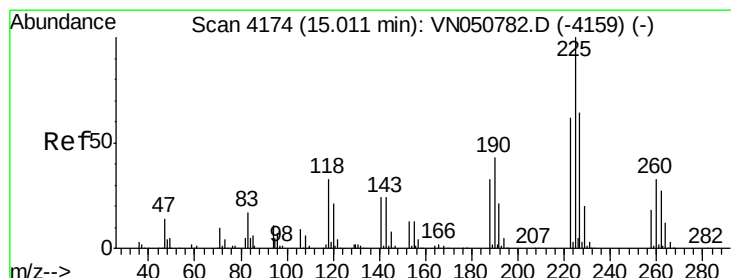
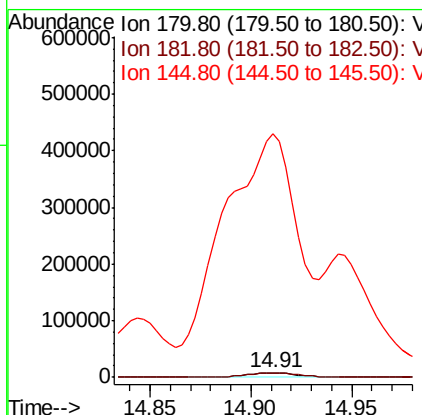
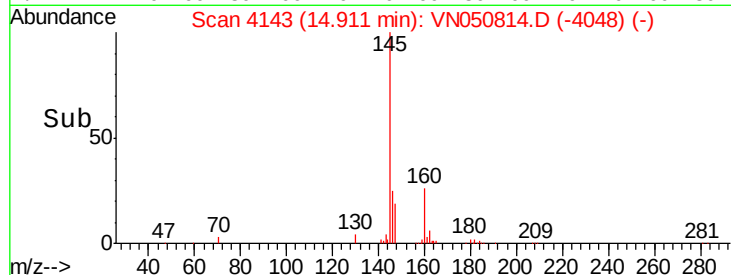
#93
 1,2,4-Trichlorobenzene
 Concen: 4.99 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050814.D
 Acq: 22 Aug 2018 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-WC4-UST-0818

Tot Ion:180 Resp: 13045
 Ion Ratio Lower Upper
 180 100
 182 99.2 48.2 144.6
 145 7039.9 14.1 42.2#

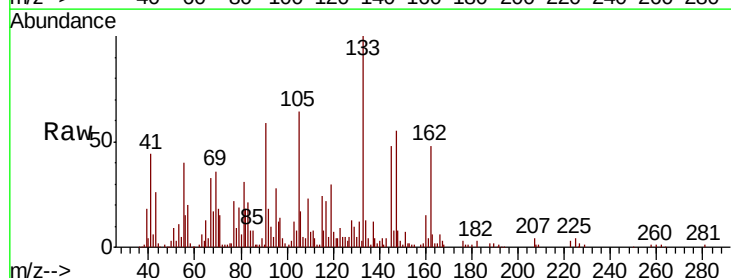


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

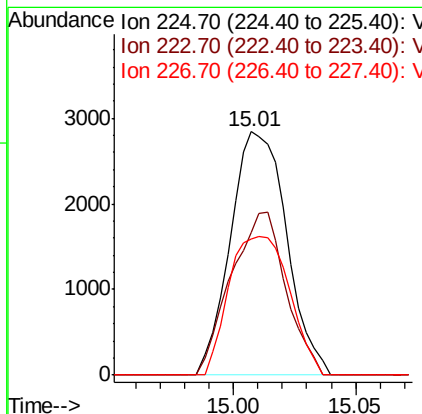
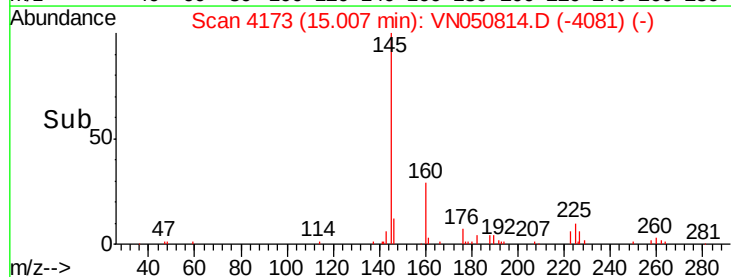


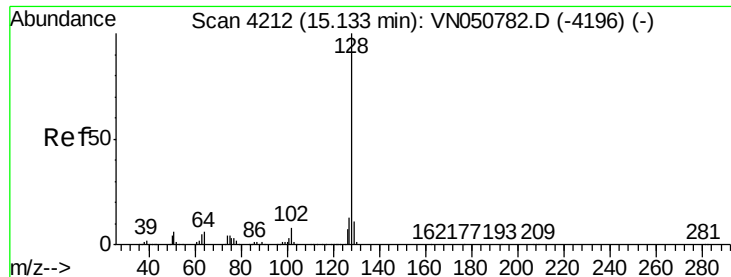
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4173
 Delta R.T. -0.00 min
 Lab File: VN050814.D
 Acq: 22 Aug 2018 12:59

Tgt Ion:225 Resp: 4542
 Ion Ratio Lower Upper
 225 100
 223 65.4 31.3 93.8
 227 61.6 32.0 96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

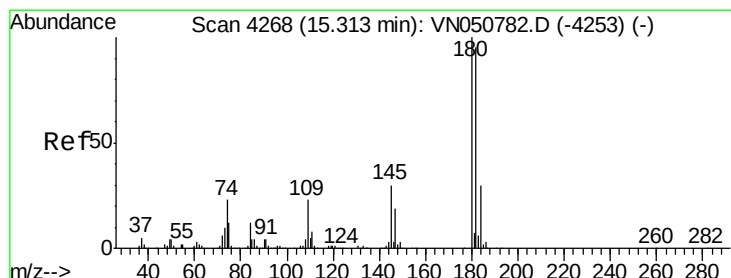
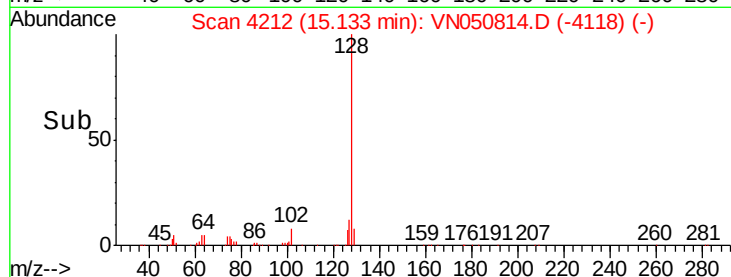
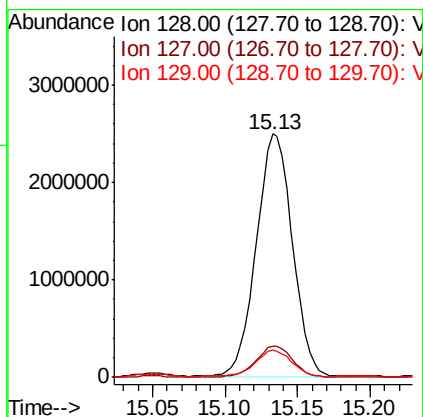
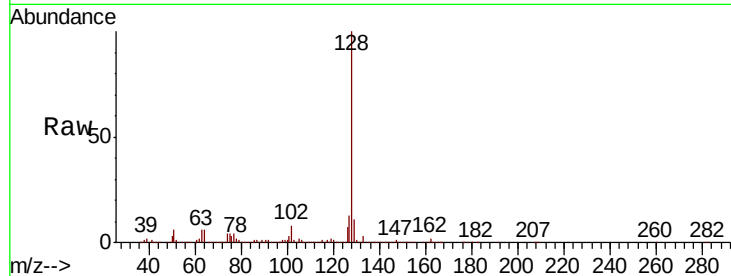




#95
Naphthalene
Concen: 145.59 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN050814.D
Acq: 22 Aug 2018 12:59

Instrument :
MSVOA_N
ClientSampleId :
EP1-WC4-UST-0818

Tot Ion:128 Resp: 4310270
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.27 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. 0.00 min
Lab File: VN050814.D
Acq: 22 Aug 2018 12:59

Tgt Ion:180 Resp: 12806
Ion Ratio Lower Upper
180 100
182 101.6 48.0 144.2
145 0.0 15.2 45.6#

