

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090718\
 Data File : VN051051.D
 Acq On : 7 Sep 2018 14:11
 Operator : MD\SY
 Sample : J4693-10
 Misc : 5.91µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)

Quant Time: Sep 07 23:11:40 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	7.66	168	582816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	875116	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	882229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	549524	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	343027	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
35) Dibromofluoromethane	7.59	113	326095	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	
50) Toluene-d8	10.09	98	1431088	54.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.96%	
62) 4-Bromofluorobenzene	12.40	95	897383	103.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.50%	

Target Compounds

						Qvalue
3) Chloromethane	2.05	50	3804	0.40	ug/l	97
5) Bromomethane	2.51	94	2392	Below	Cal	90
10) Methyl Iodide	3.93	142	2302	6.65	ug/l #	48
11) Tert butyl alcohol	4.74	59	7450	16.67	ug/l #	72
13) Acrolein	3.61	56	33	18.03	ug/l #	14
16) Acetone	3.82	43	867	Below	Cal #	88
17) Carbon Disulfide	4.02	76	5823	0.27	ug/l	100
18) Methyl Acetate	4.33	43	5697	0.86	ug/l	94
20) Methylene Chloride	4.54	84	1899	0.24	ug/l #	82
25) 2-Butanone	6.85	43	4053	1.43	ug/l	100
29) Tetrahydrofuran	7.21	42	341	0.21	ug/l #	56
31) Cyclohexane	7.66	56	30374	3.00	ug/l #	57
36) 1,1-Dichloropropene	7.66	75	37177	3.60	ug/l #	51
38) Carbon Tetrachloride	7.66	117	50706	4.86	ug/l #	17
39) Methylcyclohexane	9.08	83	252801	22.63	ug/l	99
43) Isopropyl Acetate	8.15	43	2798	0.27	ug/l #	58
45) 1,2-Dichloropropane	9.08	63	2560	0.31	ug/l #	1
47) Bromodichloromethane	9.36	83	2636	0.26	ug/l #	52
48) Methyl methacrylate	9.14	41	7493	1.44	ug/l #	31
51) 4-Methyl-2-Pentanone	10.01	43	2560	0.42	ug/l	90
55) 1,1,2-Trichloroethane	10.53	97	258071	37.69	ug/l #	19
56) Ethyl methacrylate	10.43	69	120624	15.26	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.85	63	261	12.28	ug/l #	47
59) 2-Hexanone	10.72	43	834010	205.83	ug/l #	28
60) Dibromochloromethane	10.82	129	1932	0.25	ug/l	74
65) Chlorobenzene	11.33	112	7039	0.31	ug/l #	43
67) Ethyl Benzene	11.50	91	13305	0.35	ug/l #	76
68) m/p-Xylenes	11.63	106	7582	0.53	ug/l #	1
70) Styrene	11.97	104	2505	1.37	ug/l #	26
73) Isopropylbenzene	12.25	105	2787686	61.26	ug/l	100
74) N-amyl acetate	12.05	43	4368729	382.11	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.47	83	441538	40.39	ug/l #	26
76) 1,2,3-Trichloropropane	12.59	75	47019	4.89	ug/l #	100
77) Bromobenzene	12.50	156	7542	0.61	ug/l #	1

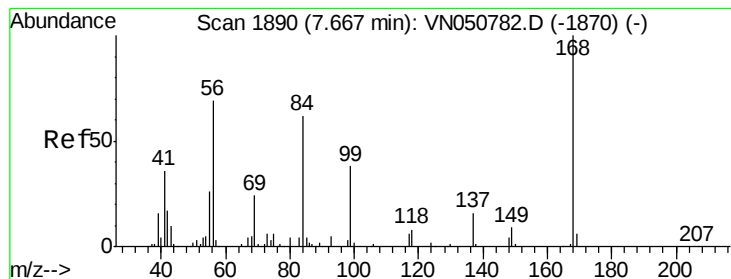
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090718\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	12.59	91	8366497	164.59	ug/l	99
79) 2-Chlorotoluene	12.59	91	8366497	264.24	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	49042	1.34	ug/l #	28
81) trans-1,4-Dichloro-2-buten	12.25	75	28089	9.87	ug/l #	2
82) 4-Chlorotoluene	12.59	91	8402676	268.82	ug/l #	40
83) tert-Butylbenzene	12.99	119	458006	14.40	ug/l	90
84) 1,2,4-Trimethylbenzene	13.04	105	310635	8.41	ug/l	99
85) sec-Butylbenzene	13.17	105	3440695	82.58	ug/l #	67
86) p-Isopropyltoluene	13.44	119	910746	25.65	ug/l	94
88) 1,4-Dichlorobenzene	13.36	146	4264	0.21	ug/l #	1
89) n-Butylbenzene	13.62	91	2333141	82.17	ug/l	90
90) Hexachloroethane	13.89	117	541033	79.85	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.29	75	4560	2.79	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	9645	4.92	ug/l #	1
94) Hexachlorobutadiene	15.01	225	3897	Below	Cal	94
95) Naphthalene	15.13	128	23854	6.37	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.31	180	10556	4.29	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN051051.D

Acq: 7 Sep 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

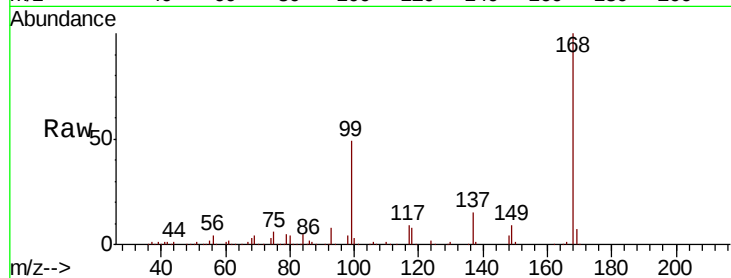
EP1-MW-C(15-20)

Tot Ion:168 Resp: 582816

Ion Ratio Lower Upper

168 100

99 49.3 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

250000

200000

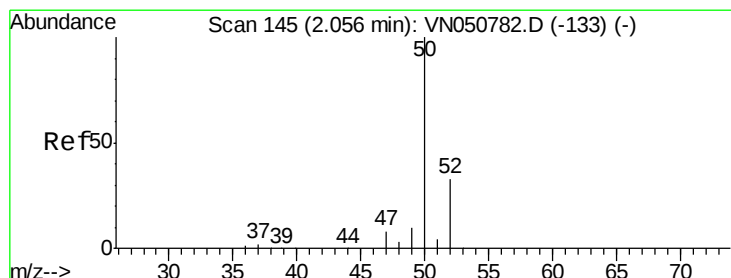
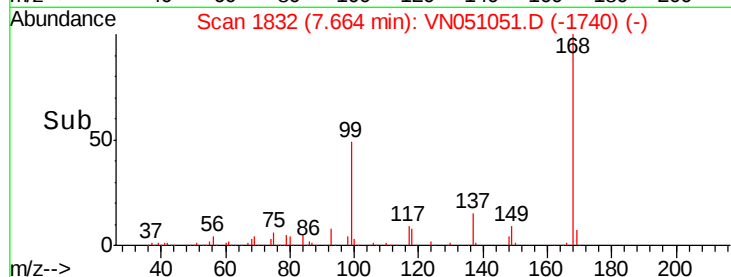
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.40 ug/l

RT: 2.05 min Scan# 87

Delta R.T. -0.00 min

Lab File: VN051051.D

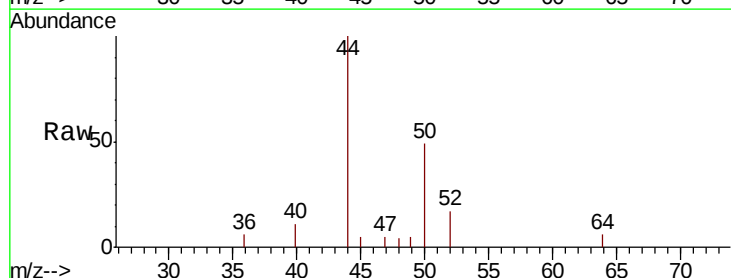
Acq: 7 Sep 2018 14:11

Tgt Ion: 50 Resp: 3804

Ion Ratio Lower Upper

50 100

52 34.5 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.05

2500

2000

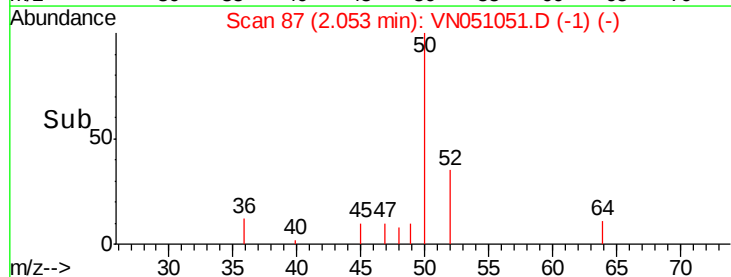
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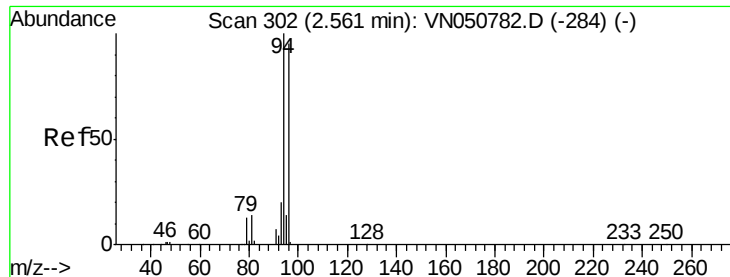
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.51 min Scan# 229

Delta R.T. -0.05 min

Lab File: VN051051.D

Acq: 7 Sep 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

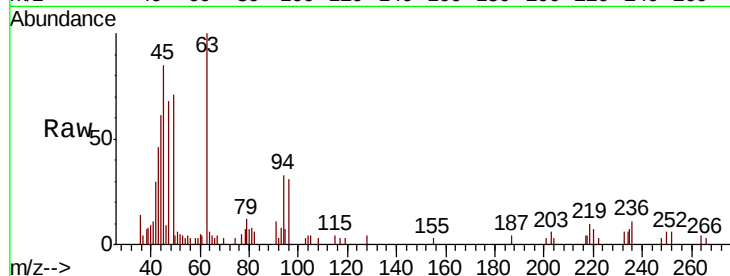
EP1-MW-C(15-20)

Tot Ion: 94 Resp: 2392

Ion Ratio Lower Upper

94 100

96 105.1 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.51

2000

1500

1000

500

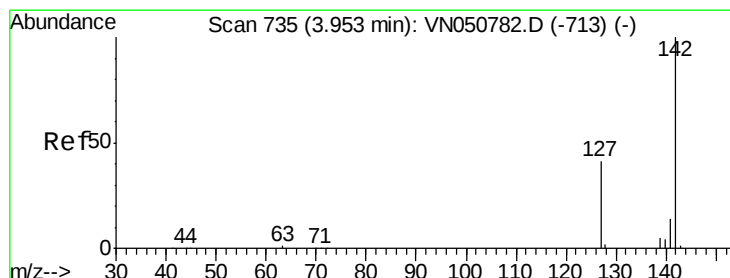
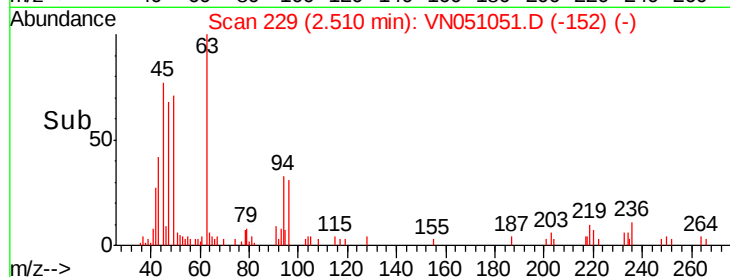
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Time-->

2.45

2.50

2.55



#10

Methyl Iodide

Concen: 6.65 ug/l

RT: 3.93 min Scan# 671

Delta R.T. -0.02 min

Lab File: VN051051.D

Acq: 7 Sep 2018 14:11

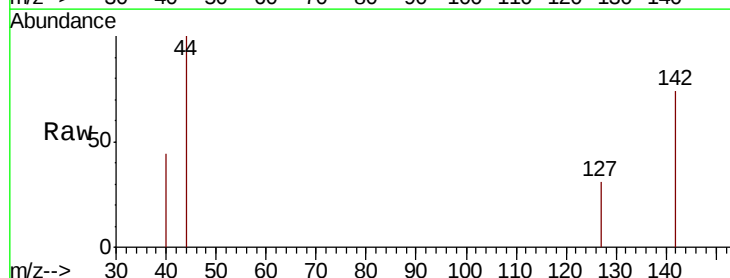
Tgt Ion: 142 Resp: 2302

Ion Ratio Lower Upper

142 100

127 4.0 31.7 47.5#

141 0.0 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

1200

1000

800

600

400

200

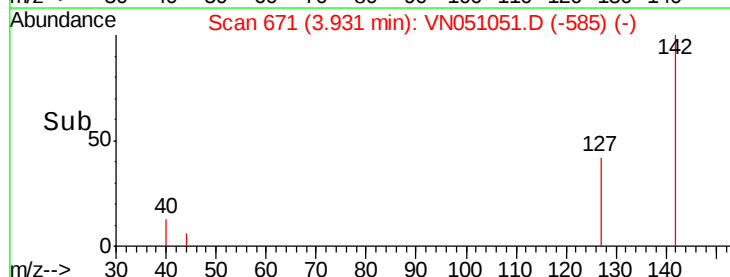
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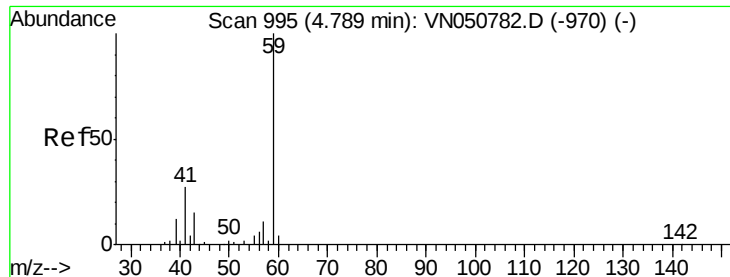
Time-->

3.90

3.95

4.00

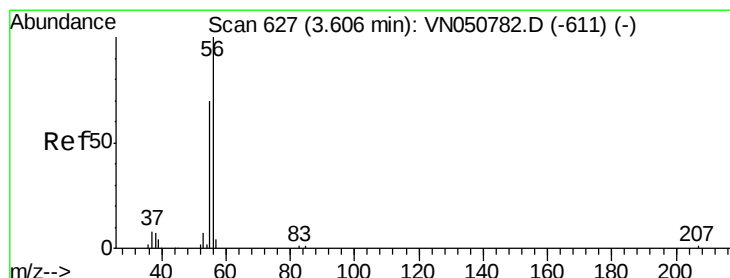
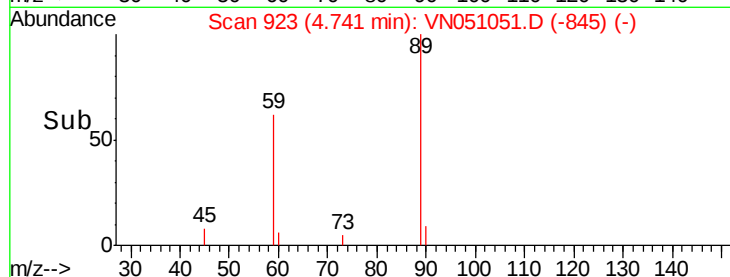
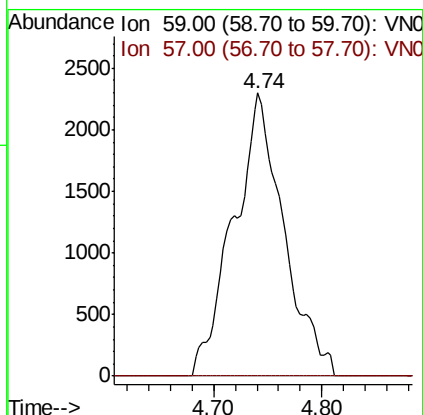
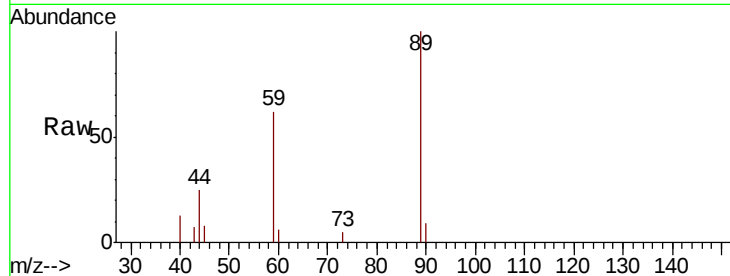




#11
Tert butyl alcohol
Concen: 16.67 ug/l
RT: 4.74 min Scan# 923
Delta R.T. -0.05 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

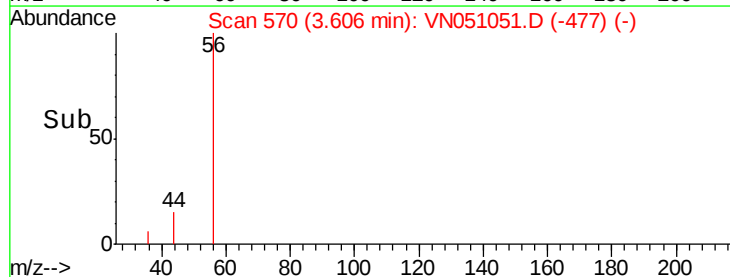
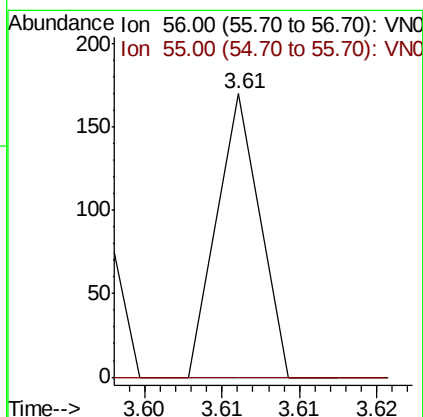
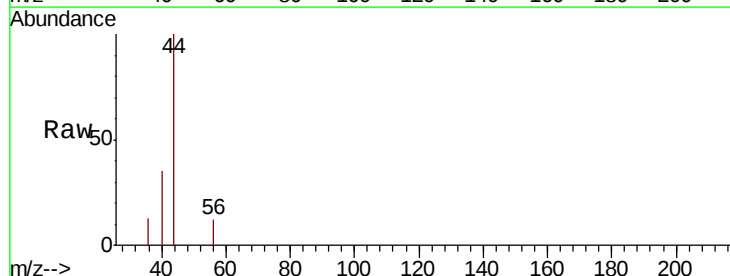
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)

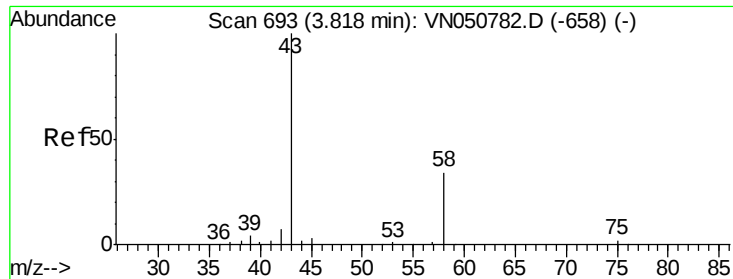
Tot Ion: 59 Resp: 7450
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 18.03 ug/l
RT: 3.61 min Scan# 570
Delta R.T. 0.00 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

Tgt Ion: 56 Resp: 33
Ion Ratio Lower Upper
56 100
55 0.0 57.7 86.5#





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051051.D

Acq: 7 Sep 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

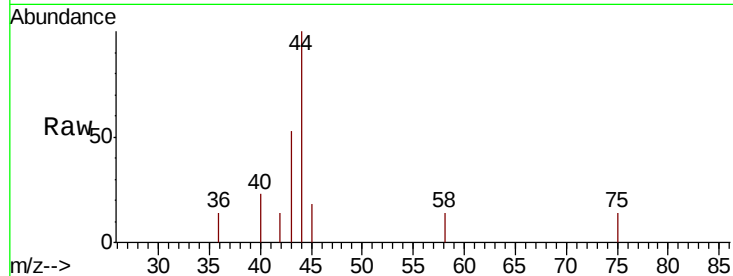
EP1-MW-C(15-20)

Tot Ion: 43 Resp: 867

Ion Ratio Lower Upper

43 100

58 26.9 27.2 40.8#



Abundance Ion 43.00 (42.70 to 43.70): VN050782.D (-658) (-)

Ion 58.00 (57.70 to 58.70): VN050782.D (-658) (-)

3.82

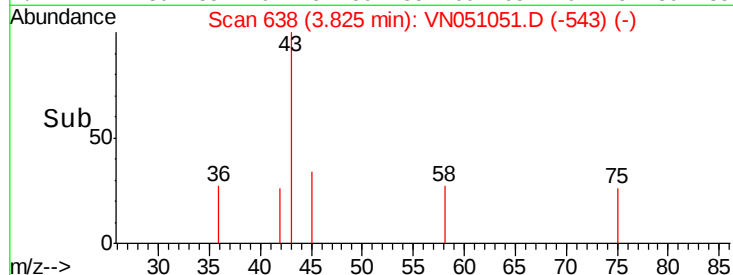
600

400

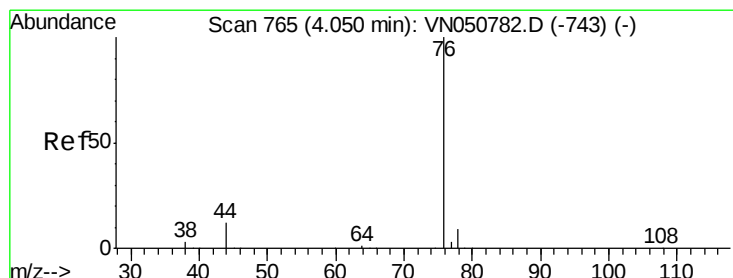
200

0

3.78 3.80 3.82 3.84



Time-->



#17

Carbon Disulfide

Concen: 0.27 ug/l

RT: 4.02 min Scan# 700

Delta R.T. -0.03 min

Lab File: VN051051.D

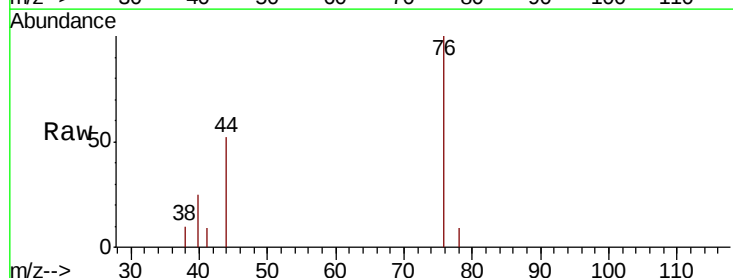
Acq: 7 Sep 2018 14:11

Tgt Ion: 76 Resp: 5823

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN050782.D (-743) (-)

Ion 77.90 (77.60 to 78.60): VN050782.D (-743) (-)

4.02

2000

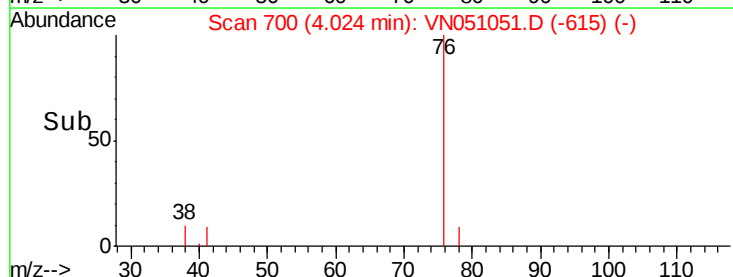
1500

1000

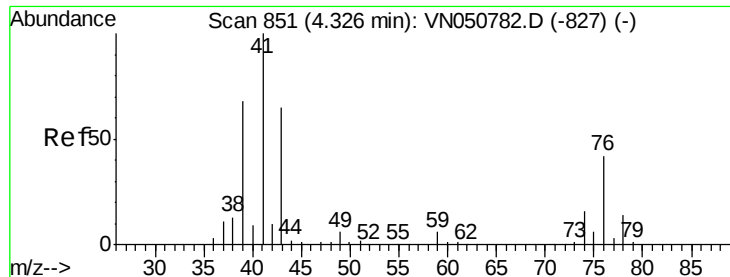
500

0

3.95 4.00 4.05 4.10



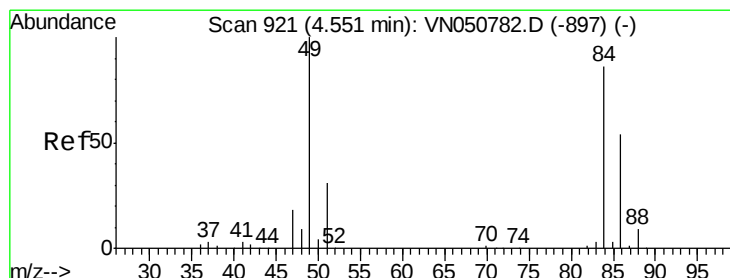
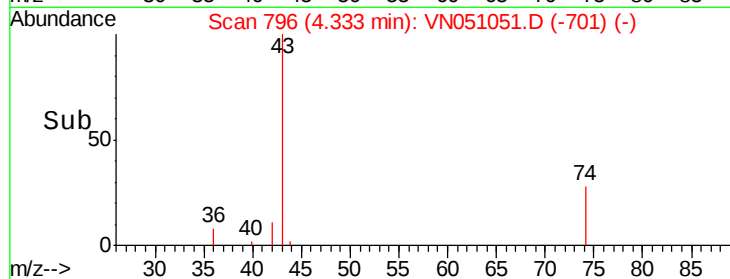
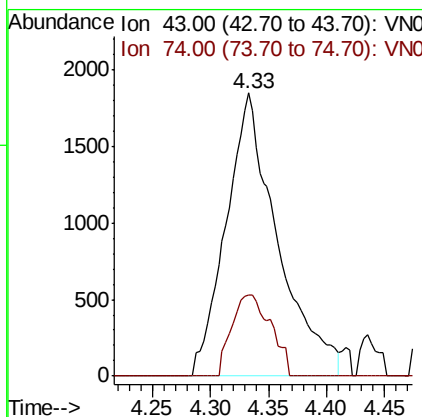
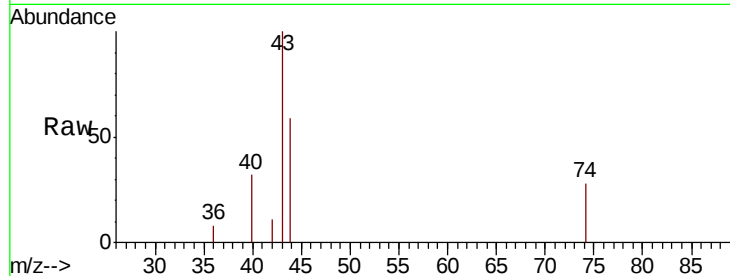
Time-->



#18
Methvl Acetate
Concen: 0.86 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

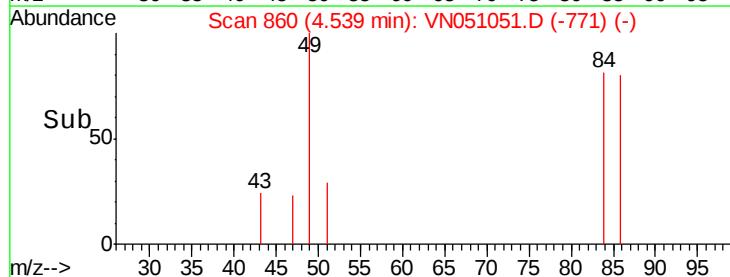
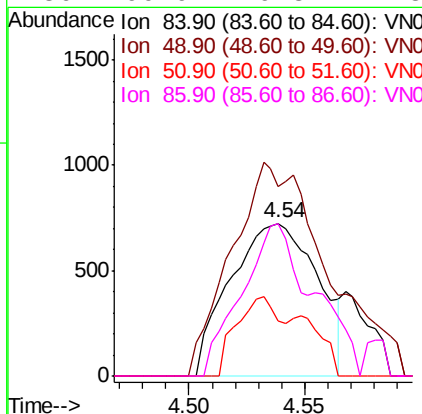
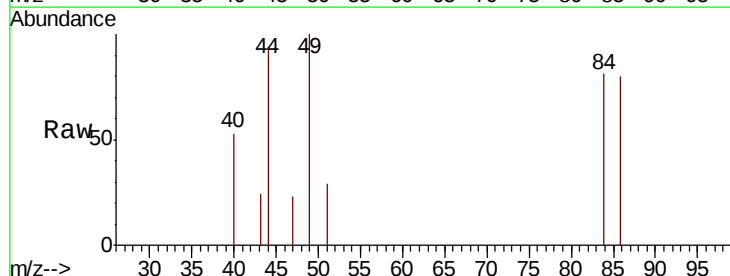
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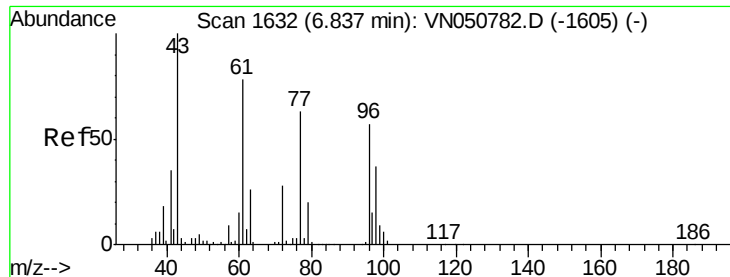
Tot Ion: 43 Resp: 5697
Ion Ratio Lower Upper
43 100
74 21.7 19.8 29.8



#20
Methylene Chloride
Concen: 0.24 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.01 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

Tgt Ion: 84 Resp: 1899
Ion Ratio Lower Upper
84 100
49 124.1 93.2 139.8
51 36.1 29.0 43.6
86 99.9 49.8 74.8#

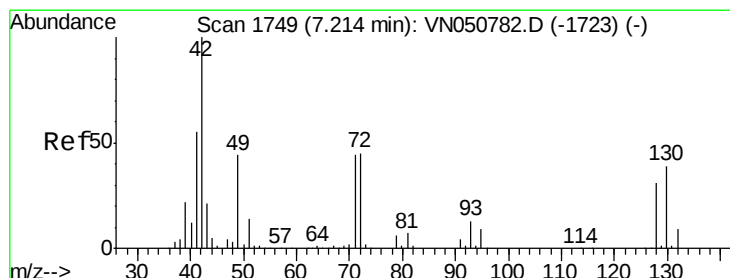
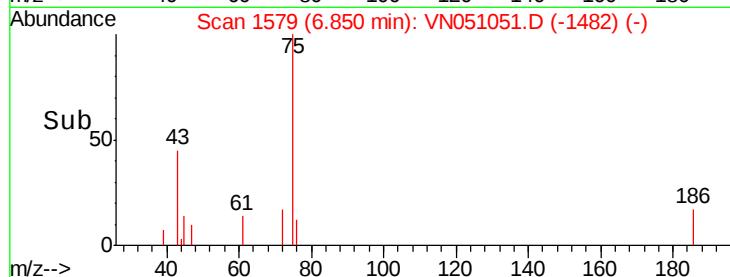
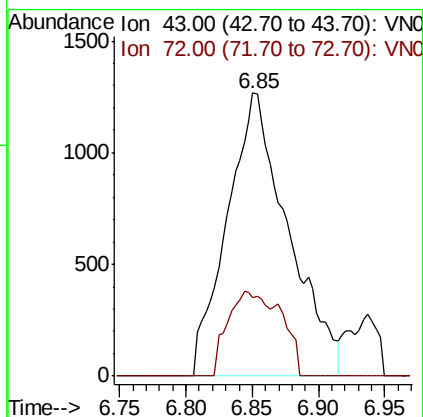
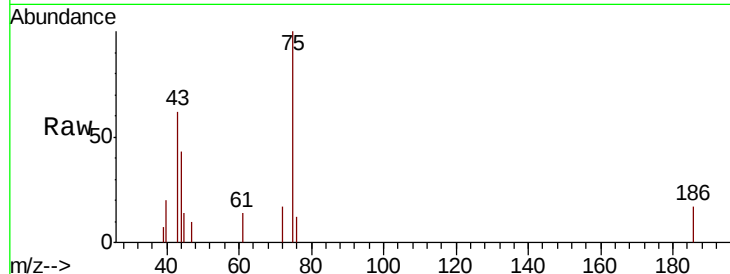




#25
2-Butanone
Concen: 1.43 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

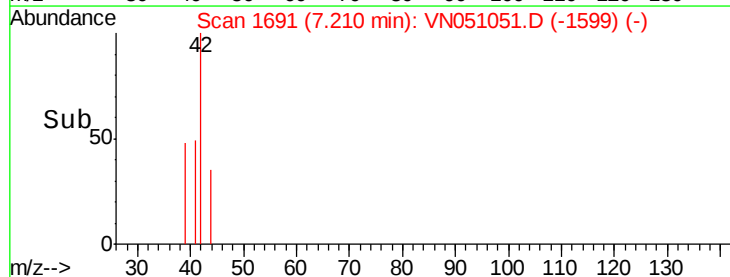
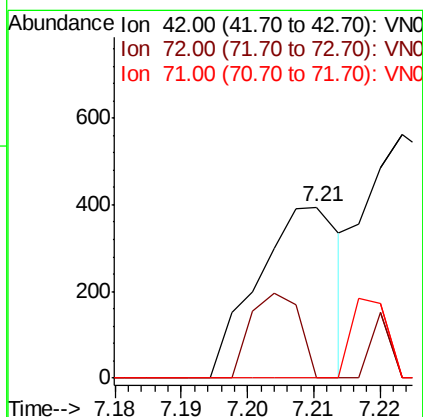
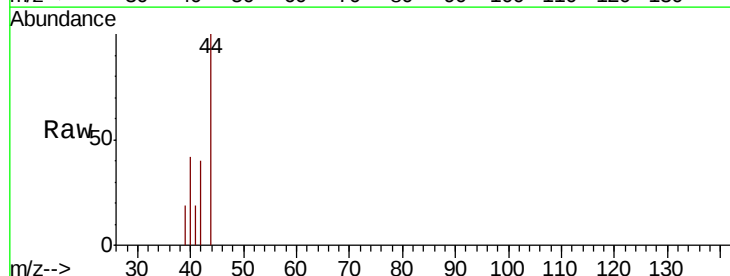
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)

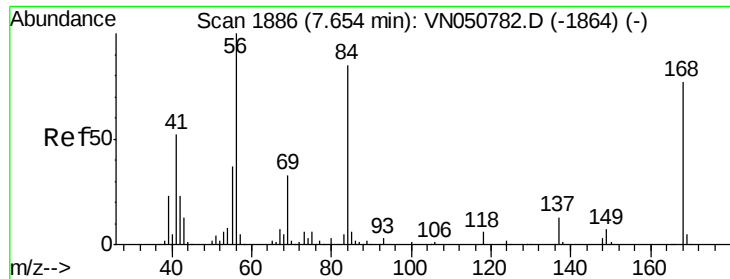
Tot Ion: 43 Resp: 4053
Ion Ratio Lower Upper
43 100
72 27.9 22.3 33.5



#29
Tetrahydrofuran
Concen: 0.21 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

Tgt Ion: 42 Resp: 341
Ion Ratio Lower Upper
42 100
72 29.6 35.5 53.3#
71 0.0 33.7 50.5#

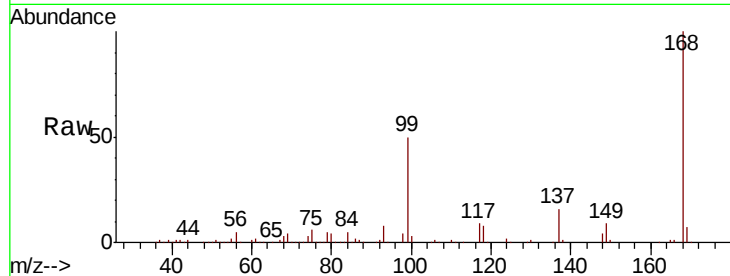




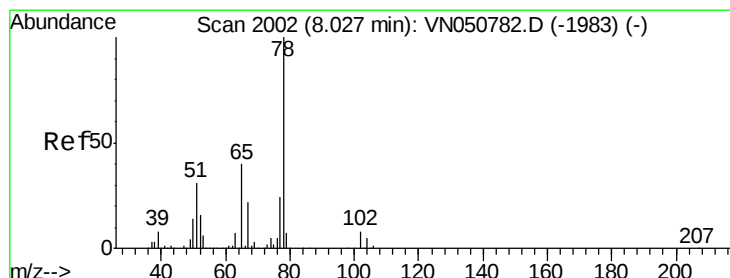
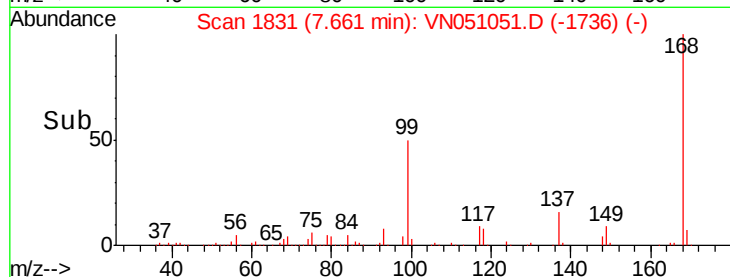
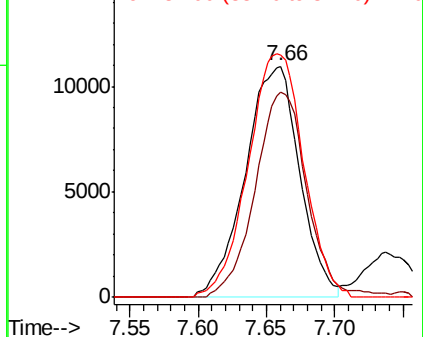
#31
Cyclohexane
Concen: 3.00 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)

Tot Ion: 56 Resp: 30374
Ion Ratio Lower Upper
56 100
69 88.9 26.2 39.4#
84 104.9 68.3 102.5#

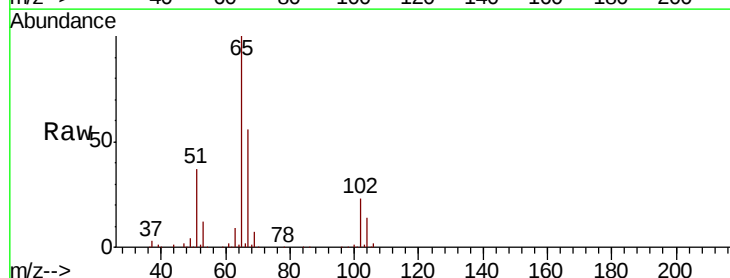


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

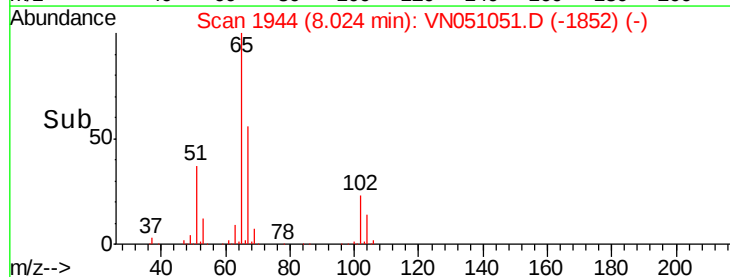
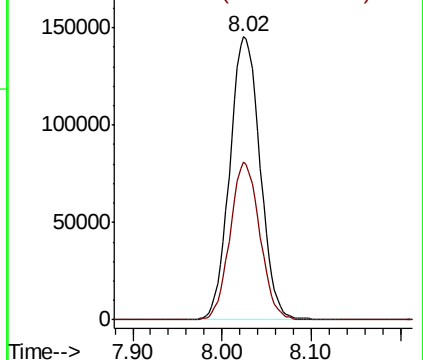


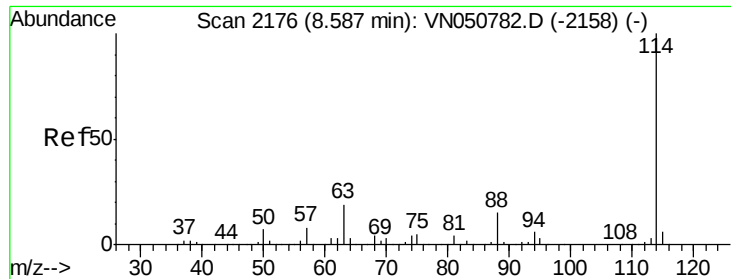
#33
1,2-Dichloroethane-d4
Concen: 48.89 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

Tgt Ion: 65 Resp: 343027
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.4



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

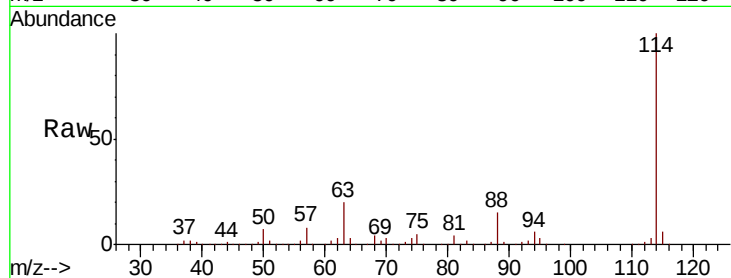




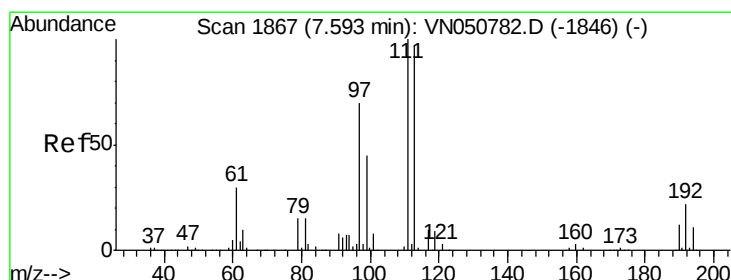
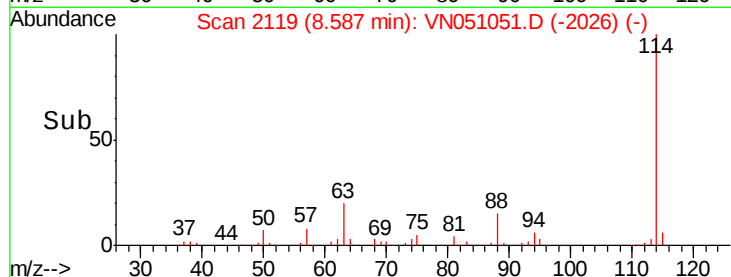
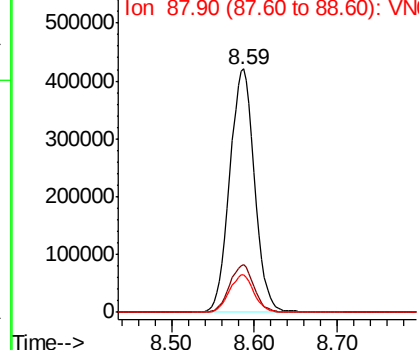
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051051.D
 Acq: 7 Sep 2018 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)

Tot Ion:114 Resp: 875116
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.5 0.0 30.6

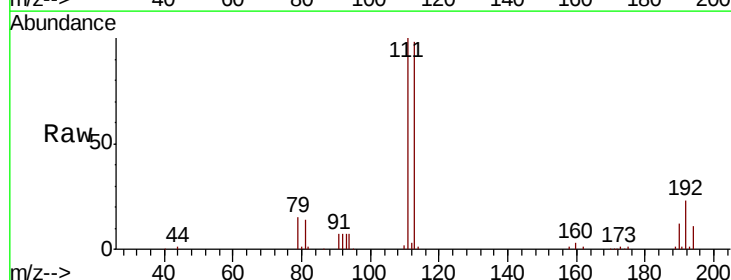


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

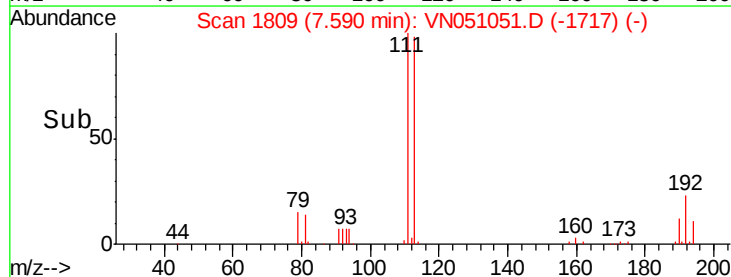
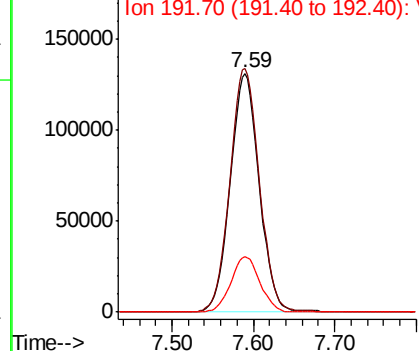


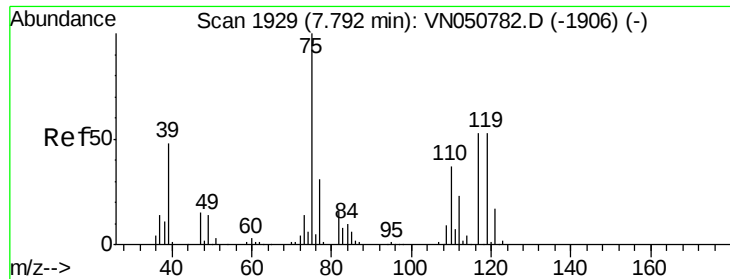
#35
 Dibromofluoromethane
 Concen: 46.84 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051051.D
 Acq: 7 Sep 2018 14:11

Tgt Ion:113 Resp: 326095
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.6 123.8
 192 23.3 18.0 27.0



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: 3.60 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN051051.D

Acq: 7 Sep 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)

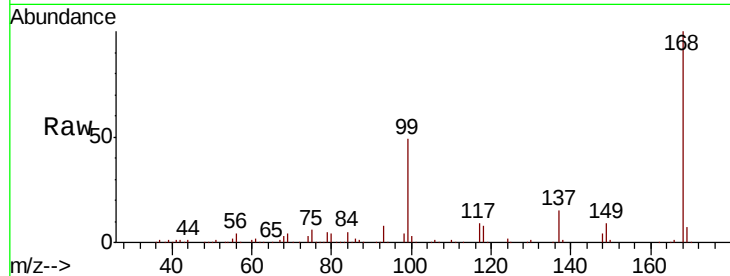
Tot Ion: 75 Resp: 37177

Ion Ratio Lower Upper

75 100

110 9.3 18.1 54.4#

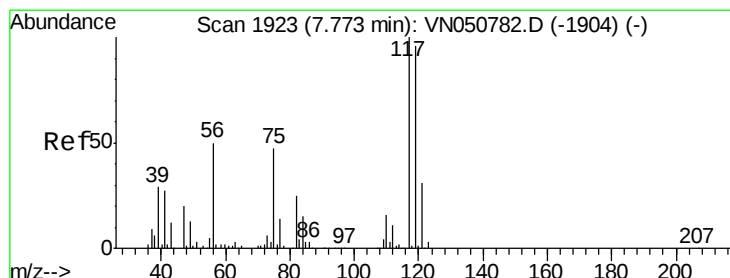
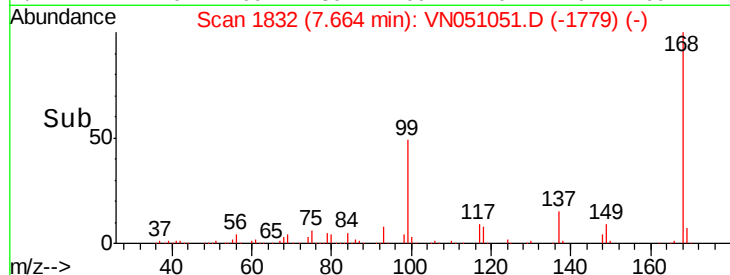
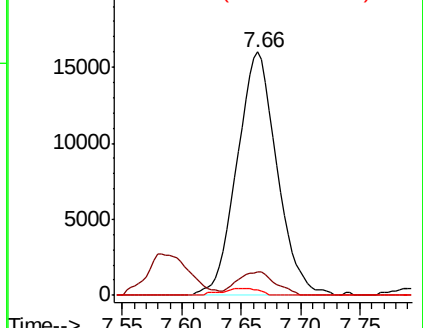
77 2.1 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VN051051.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN051051.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN051051.D (-1779) (-)



#38

Carbon Tetrachloride

Concen: 4.86 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN051051.D

Acq: 7 Sep 2018 14:11

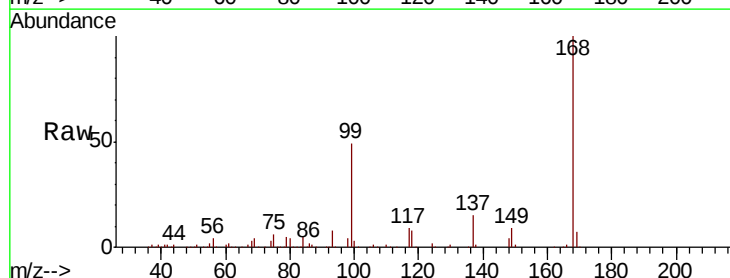
Tgt Ion: 117 Resp: 50706

Ion Ratio Lower Upper

117 100

119 5.7 76.3 114.5#

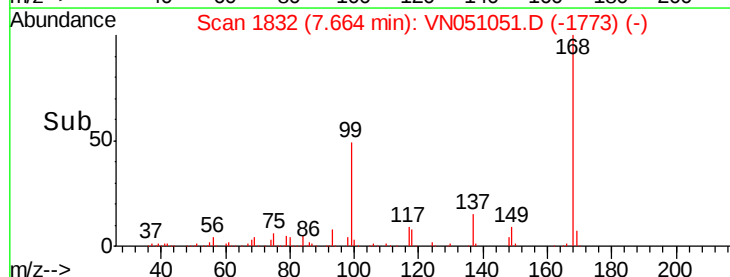
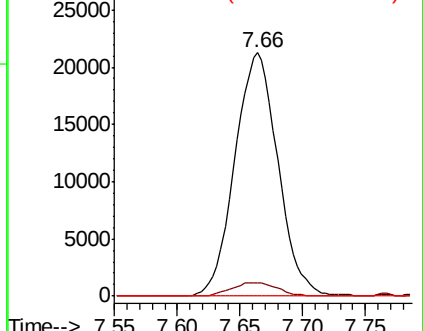
121 0.0 24.6 36.8#

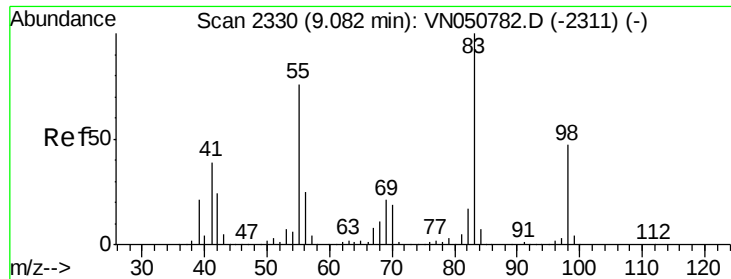


Abundance Ion 116.80 (116.50 to 117.50): VN051051.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN051051.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN051051.D (-1773) (-)

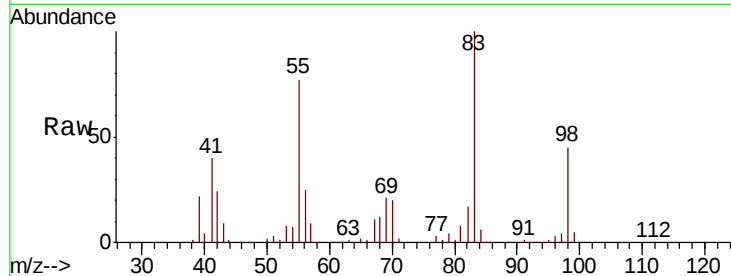




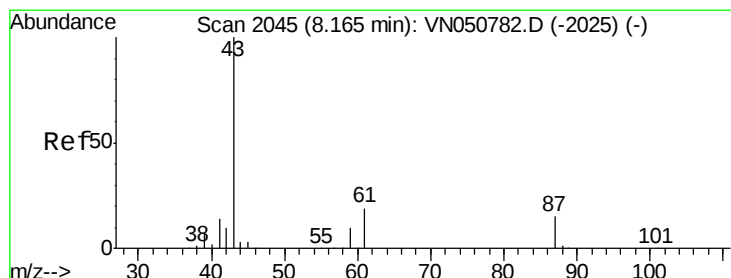
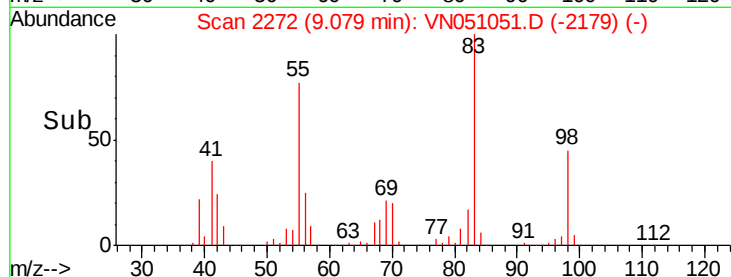
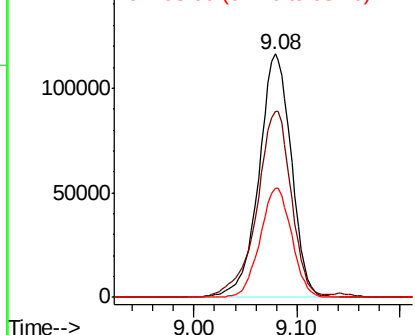
#39
Methvlcvclohexane
Concen: 22.63 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)

Tot Ion: 83 Resp: 252801
Ion Ratio Lower Upper
83 100
55 76.7 61.0 91.4
98 45.1 37.5 56.3

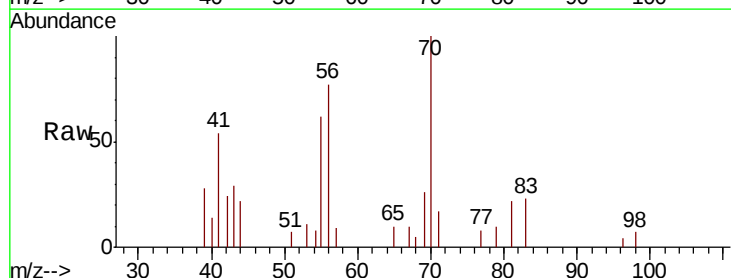


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

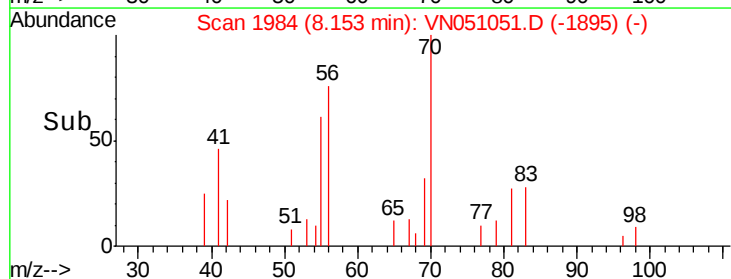
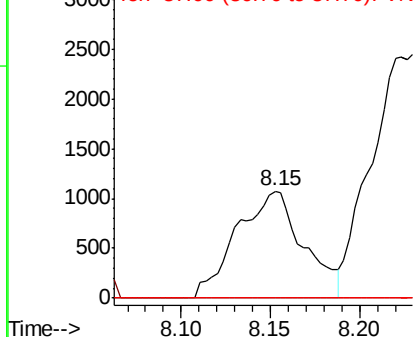


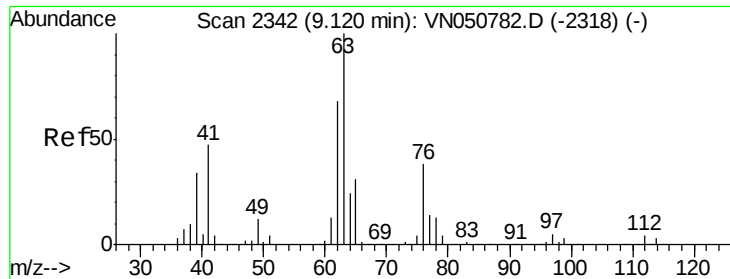
#43
Isopropyl Acetate
Concen: 0.27 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. -0.01 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

Tgt Ion: 43 Resp: 2798
Ion Ratio Lower Upper
43 100
61 0.0 17.5 26.3#
87 0.0 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

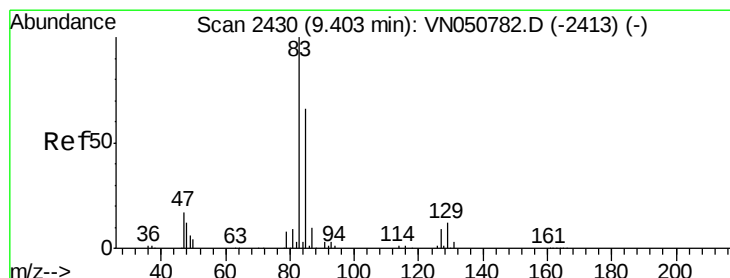
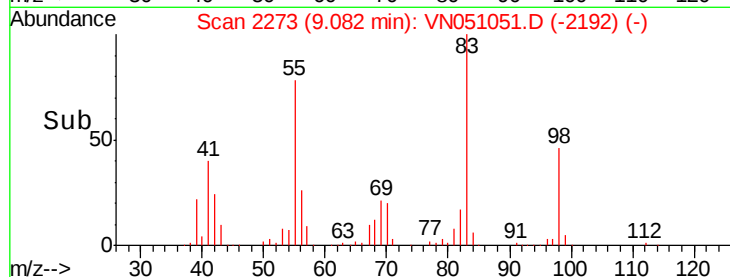
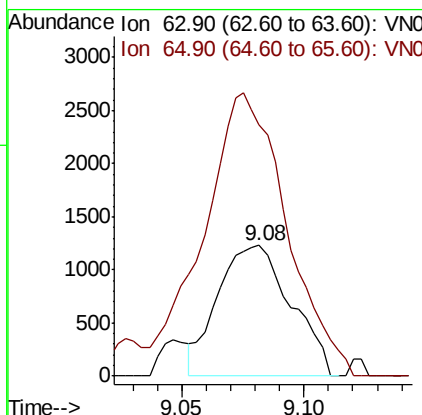
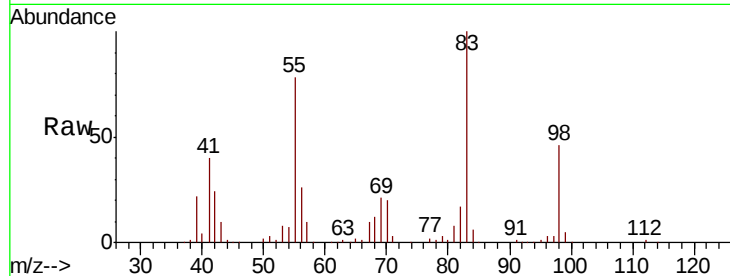




#45
 1,2-Dichloropropane
 Concen: 0.31 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.04 min
 Lab File: VN051051.D
 Acq: 7 Sep 2018 14:11

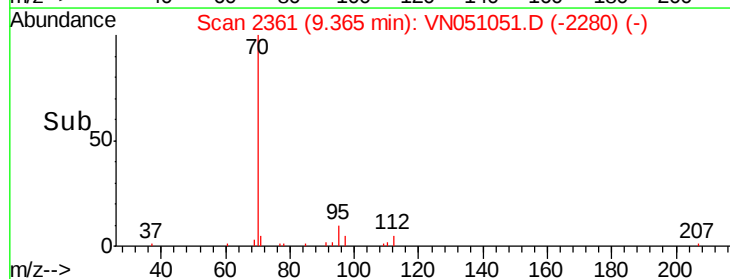
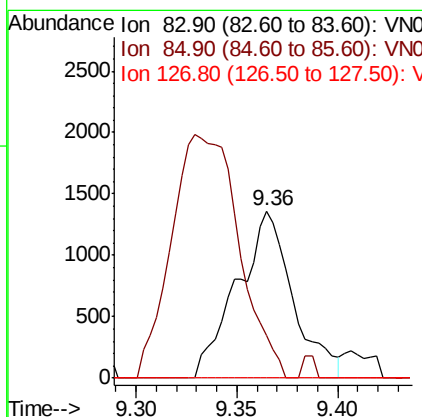
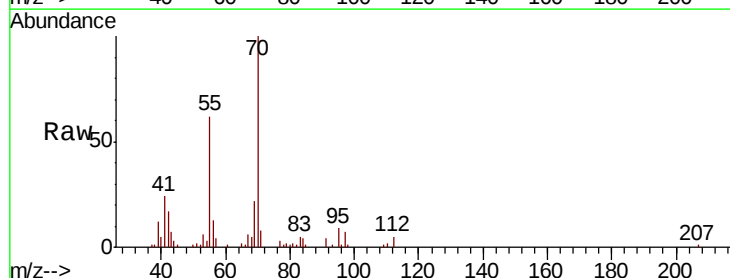
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)

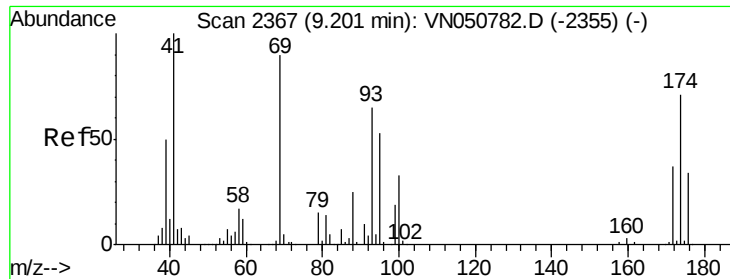
Tot Ion: 63 Resp: 2560
 Ion Ratio Lower Upper
 63 100
 65 171.9 25.0 37.6#



#47
 Bromodichloromethane
 Concen: 0.26 ug/l
 RT: 9.36 min Scan# 2361
 Delta R.T. -0.04 min
 Lab File: VN051051.D
 Acq: 7 Sep 2018 14:11

Tgt Ion: 83 Resp: 2636
 Ion Ratio Lower Upper
 83 100
 85 25.4 52.6 78.8#
 127 0.0 7.2 10.8#

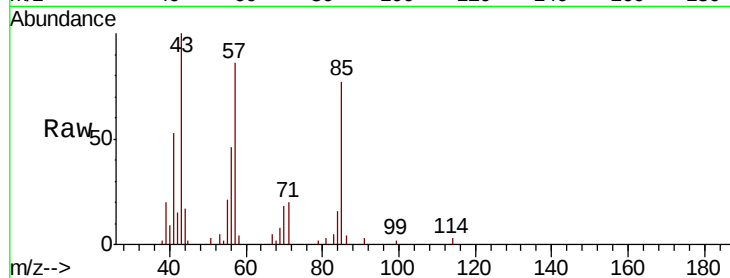




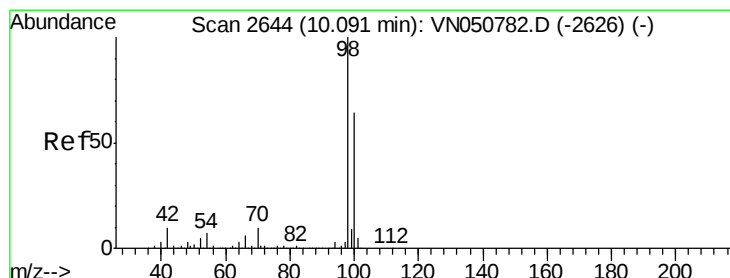
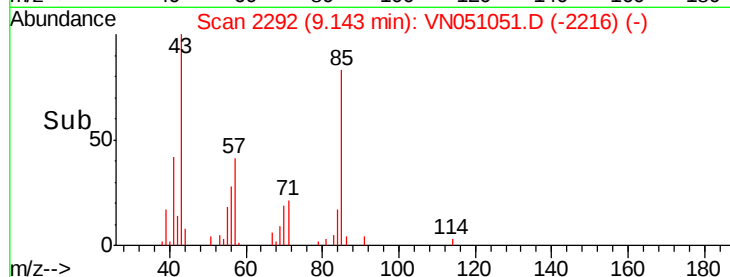
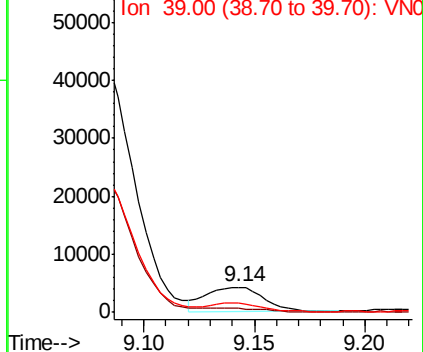
#48
Methvl methacrylate
Concen: 1.44 ug/l
RT: 9.14 min Scan# 2292
Delta R.T. -0.06 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)

Tot Ion: 41 Resp: 7493
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 38.3 42.2 63.2#

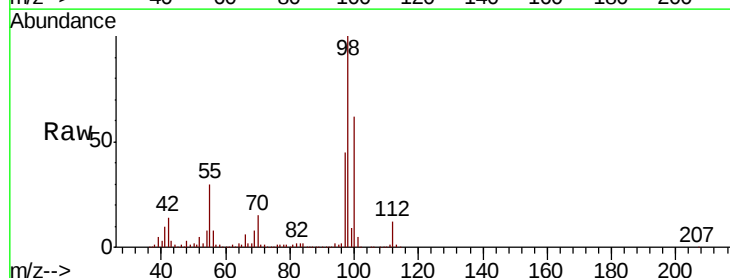


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

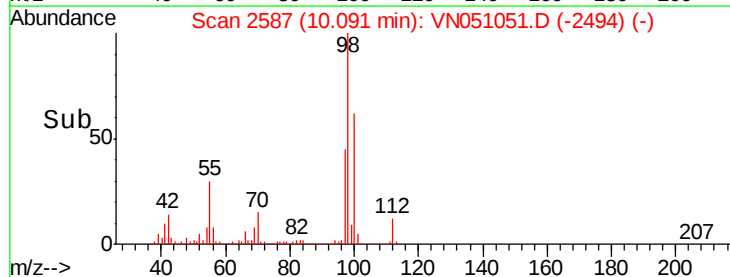
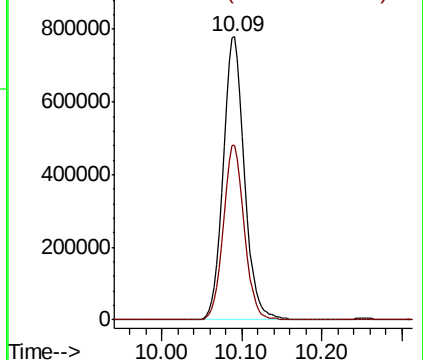


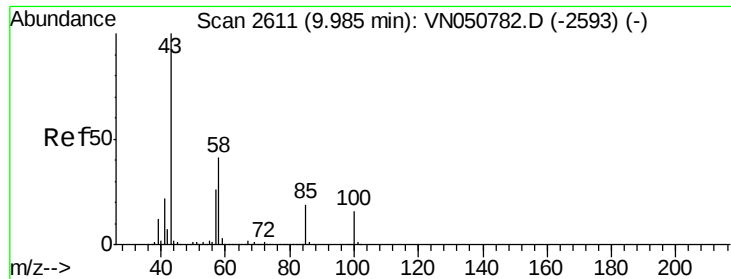
#50
Toluene-d8
Concen: 54.98 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

Tgt Ion: 98 Resp: 1431088
Ion Ratio Lower Upper
98 100
100 60.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.42 ug/l

RT: 10.01 min Scan# 2563

Delta R.T. 0.03 min

Lab File: VN051051.D

Acq: 7 Sep 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

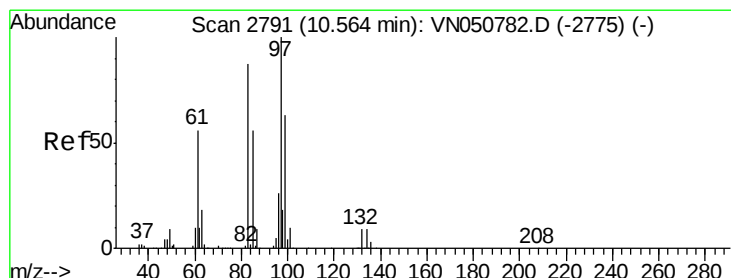
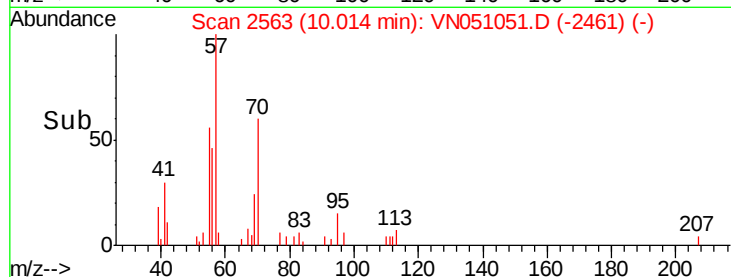
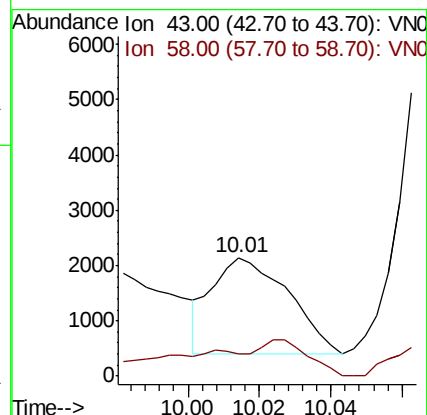
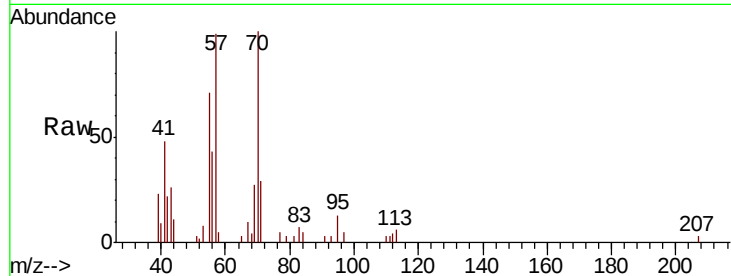
EP1-MW-C(15-20)

Tot Ion: 43 Resp: 2560

Ion Ratio Lower Upper

43 100

58 34.3 32.4 48.6



#55

1,1,2-Trichloroethane

Concen: 37.69 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. -0.04 min

Lab File: VN051051.D

Acq: 7 Sep 2018 14:11

Tgt Ion: 97 Resp: 258071

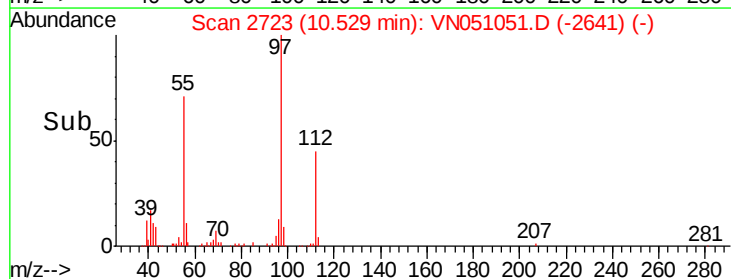
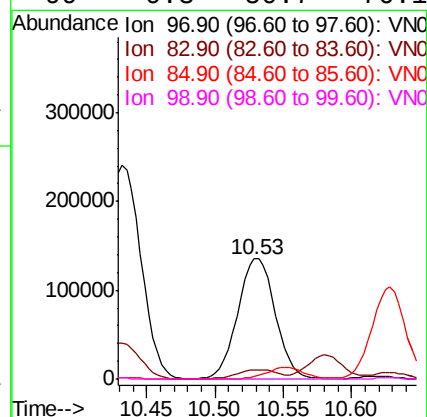
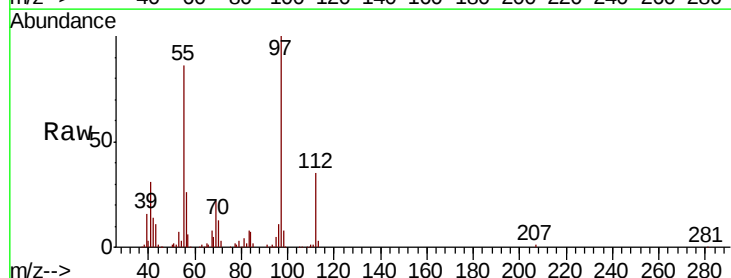
Ion Ratio Lower Upper

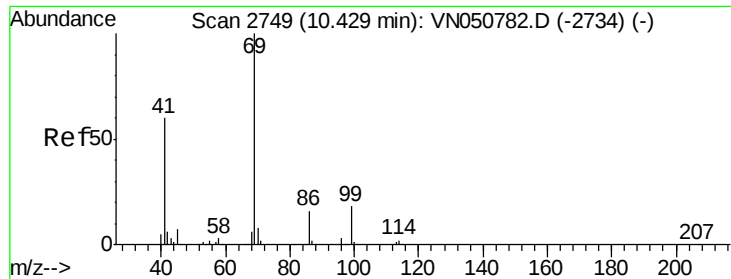
97 100

83 7.9 69.7 104.5#

85 1.7 44.5 66.7#

99 0.3 50.7 76.1#





#56

Ethyl methacrylate

Concen: 15.26 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN051051.D

Acq: 7 Sep 2018 14:11

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-C(15-20)

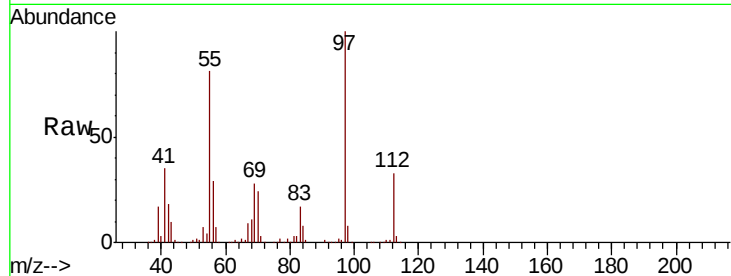
Tot Ion: 69 Resp: 120624

Ion Ratio Lower Upper

69 100

41 157.9 48.3 72.5#

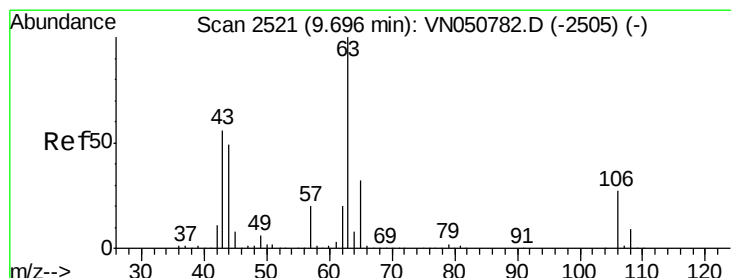
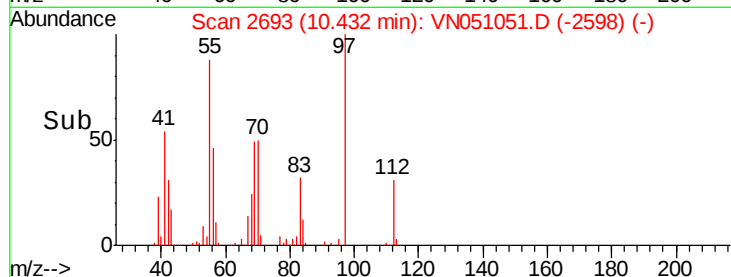
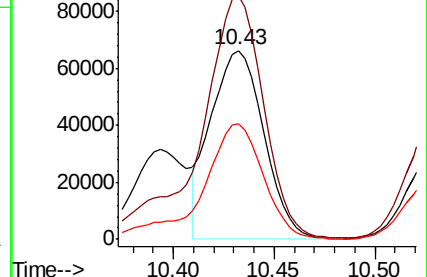
39 73.1 24.0 36.0#



Abundance Ion 69.00 (68.70 to 69.70): VN050782.D (-2734) (-)

Ion 41.00 (40.70 to 41.70): VN050782.D (-2734) (-)

Ion 39.00 (38.70 to 39.70): VN050782.D (-2734) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 12.28 ug/l

RT: 9.85 min Scan# 2511

Delta R.T. 0.15 min

Lab File: VN051051.D

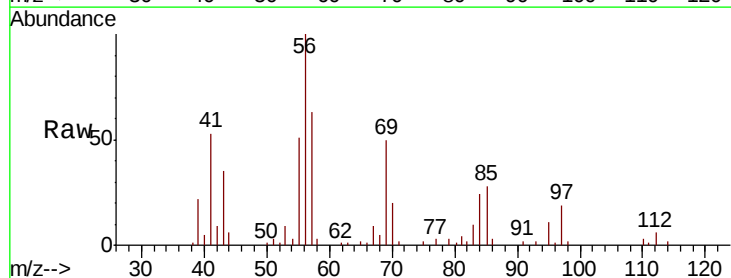
Acq: 7 Sep 2018 14:11

Tgt Ion: 63 Resp: 261

Ion Ratio Lower Upper

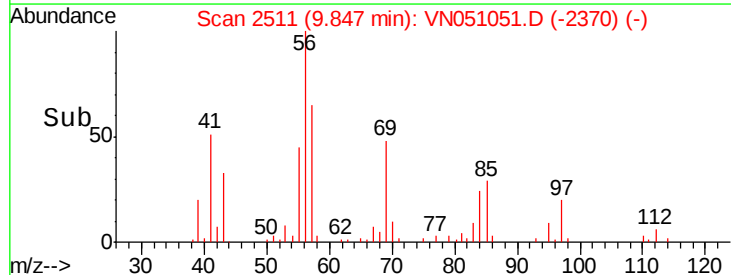
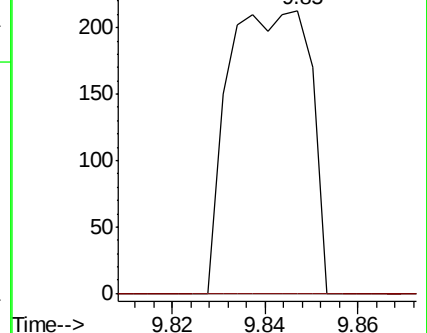
63 100

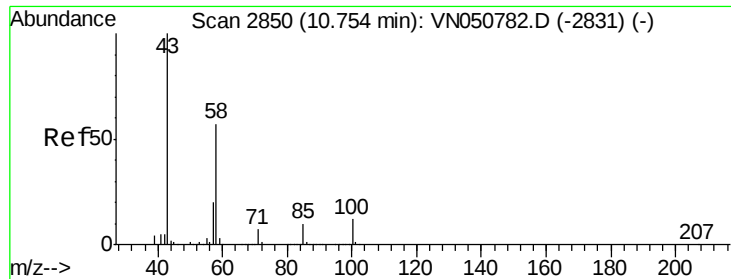
106 0.0 21.9 32.9#



Abundance Ion 62.90 (62.60 to 63.60): VN050782.D (-2505) (-)

Ion 105.90 (105.60 to 106.60): VN050782.D (-2505) (-)

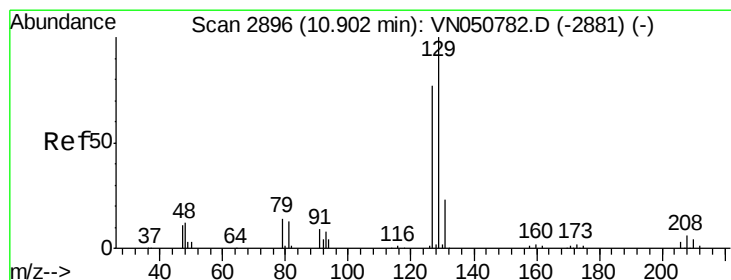
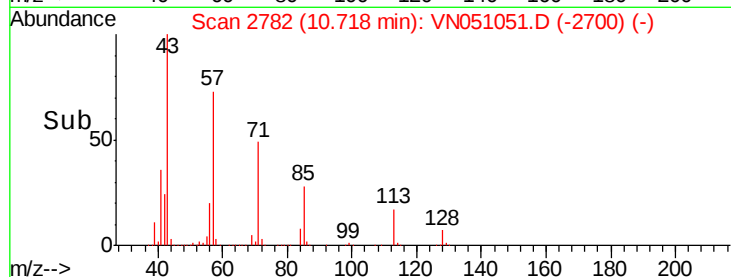
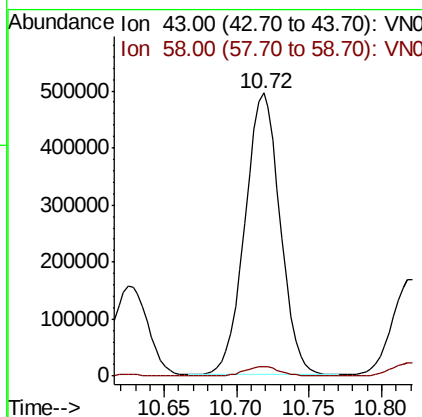
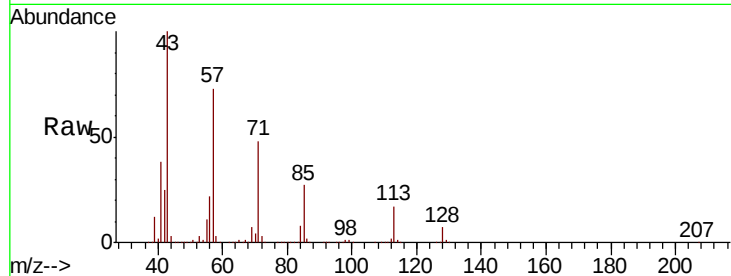




#59
2-Hexanone
Concen: 205.83 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.04 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

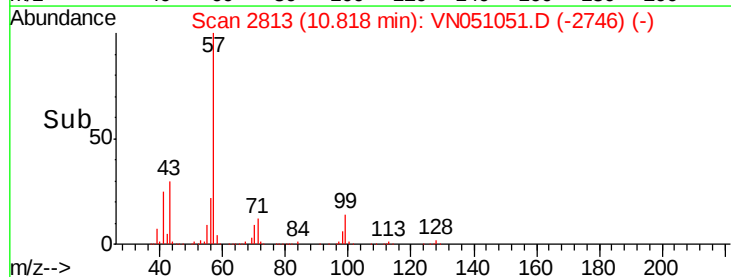
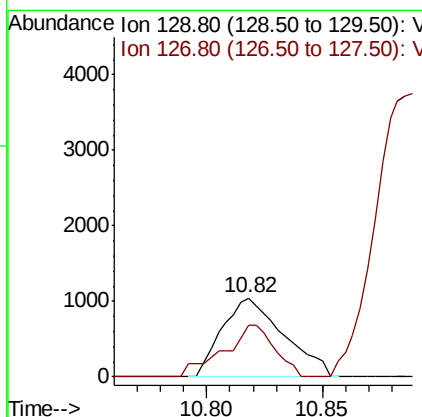
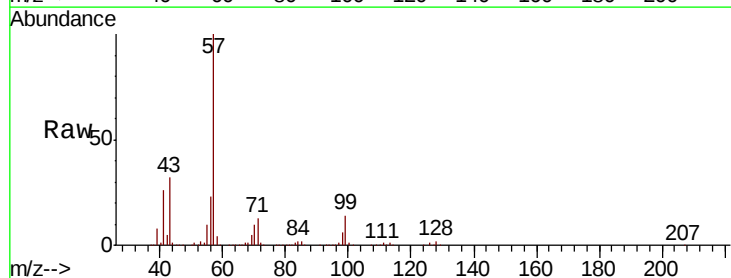
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)

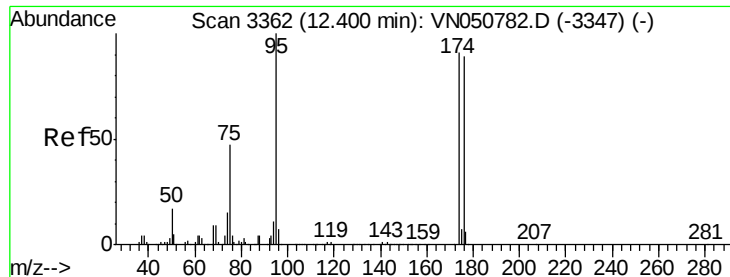
Tot Ion: 43 Resp: 834010
Ion Ratio Lower Upper
43 100
58 3.6 28.3 85.0#



#60
Dibromochloromethane
Concen: 0.25 ug/l
RT: 10.82 min Scan# 2813
Delta R.T. -0.08 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

Tgt Ion:129 Resp: 1932
Ion Ratio Lower Upper
129 100
127 54.1 38.3 114.9

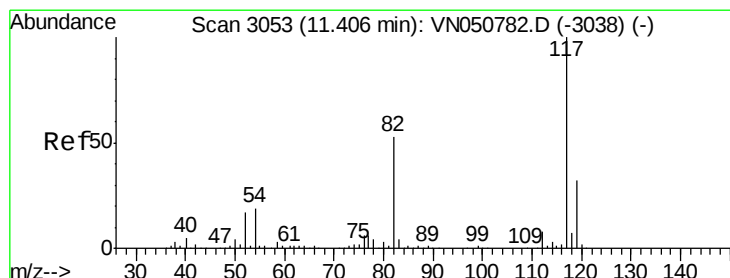
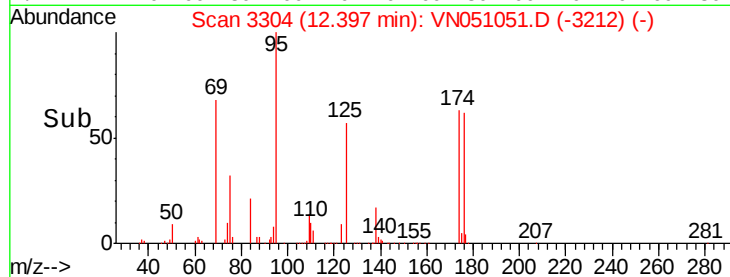
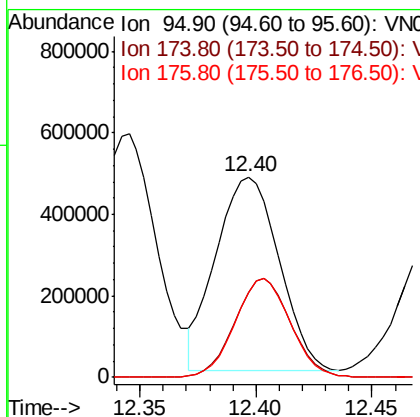
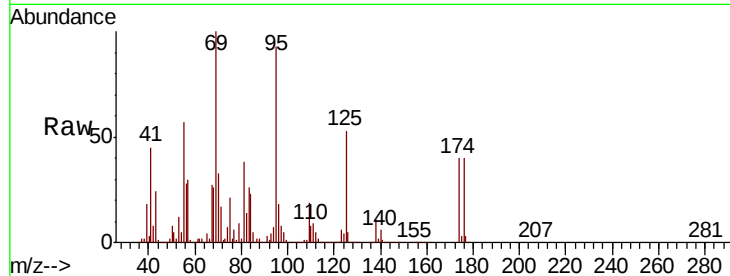




#62
4-Bromofluorobenzene
Concen: 103.75 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

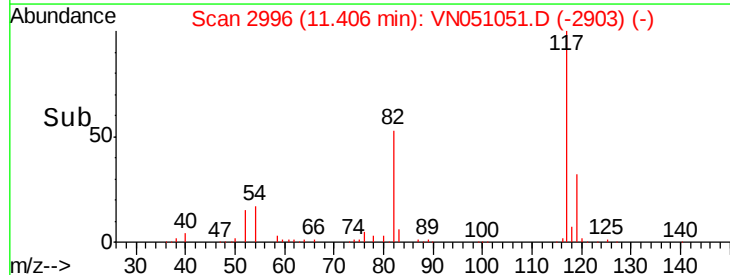
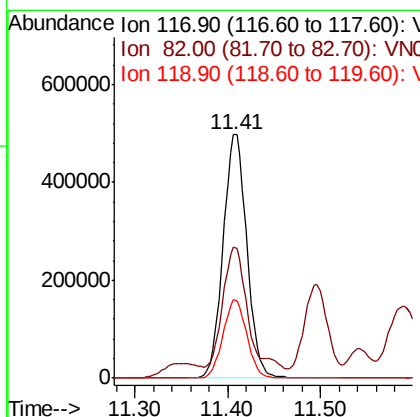
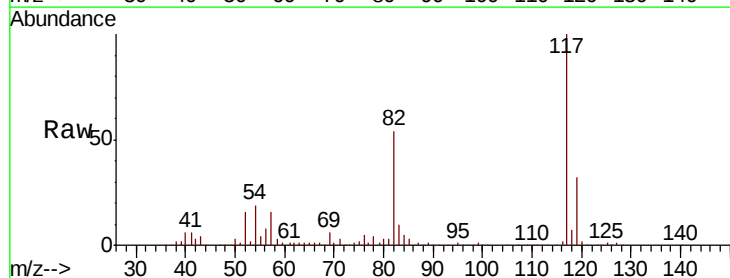
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)

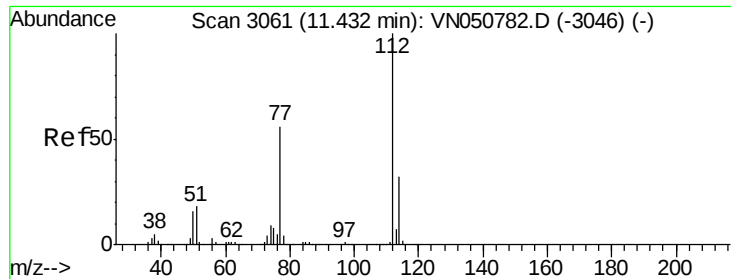
Tot Ion: 95 Resp: 897383
Ion Ratio Lower Upper
95 100
174 45.4 0.0 183.0
176 44.9 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

Tgt Ion: 117 Resp: 882229
Ion Ratio Lower Upper
117 100
82 48.2 42.6 64.0
119 32.0 25.8 38.6

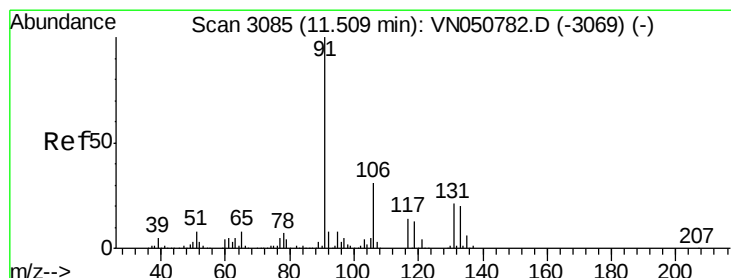
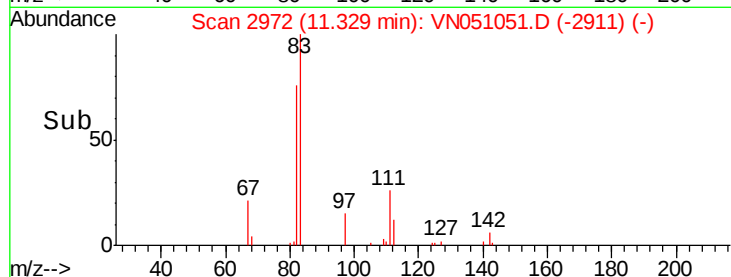
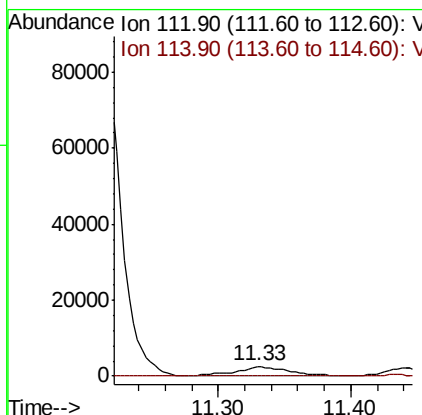
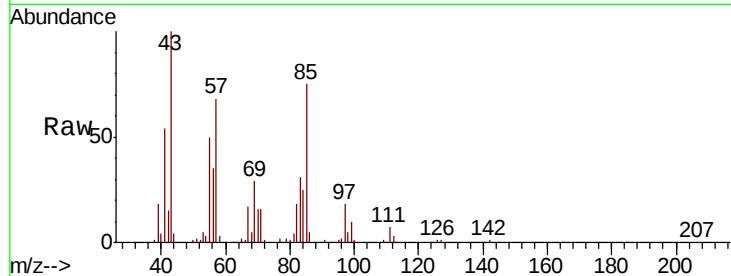




#65
Chlorobenzene
Concen: 0.31 ug/l
RT: 11.33 min Scan# 2972
Delta R.T. -0.10 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

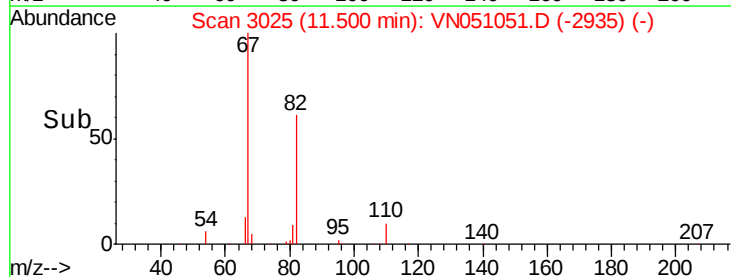
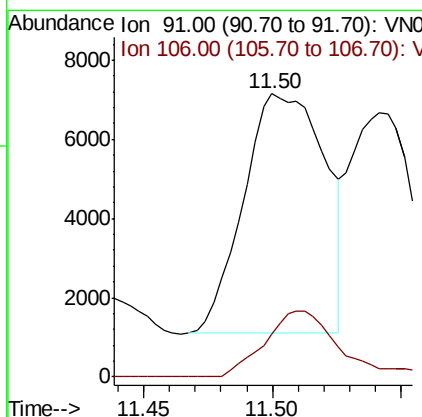
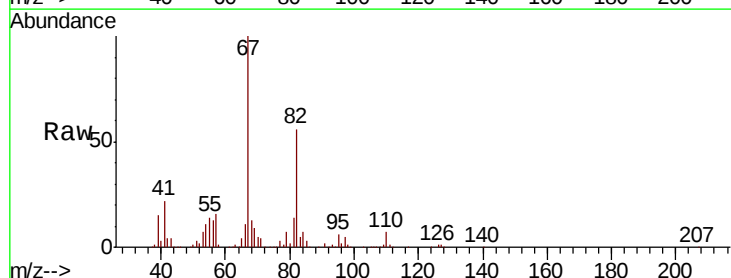
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)

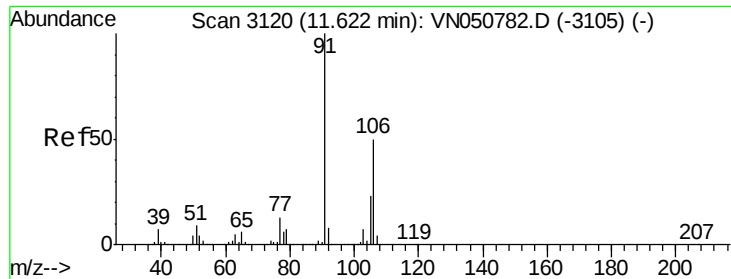
Tot Ion:112 Resp: 7039
Ion Ratio Lower Upper
112 100
114 0.0 25.6 38.4#



#67
Ethyl Benzene
Concen: 0.35 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.01 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

Tgt Ion: 91 Resp: 13305
Ion Ratio Lower Upper
91 100
106 17.7 25.0 37.4#

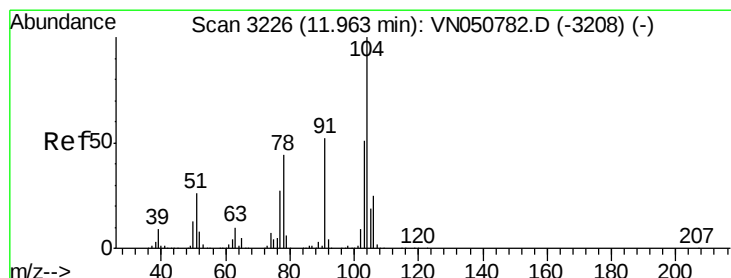
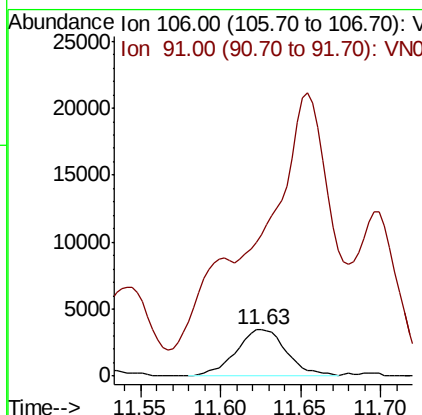
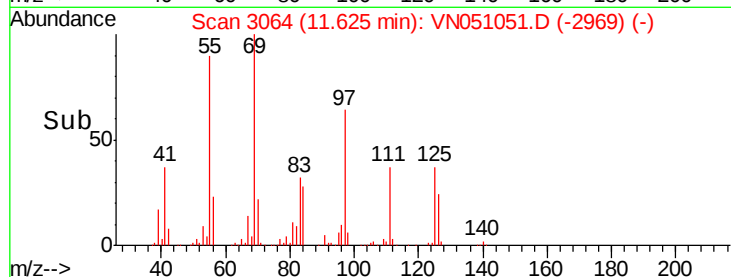
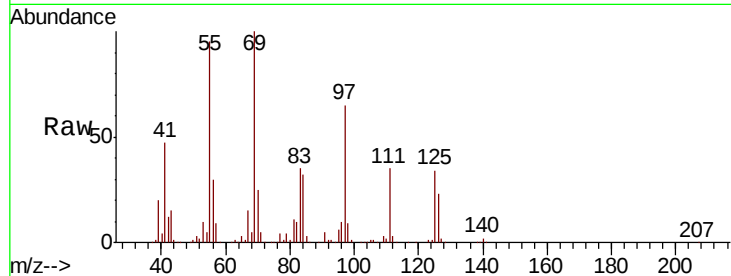




#68
m/p-Xvlenes
Concen: 0.53 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

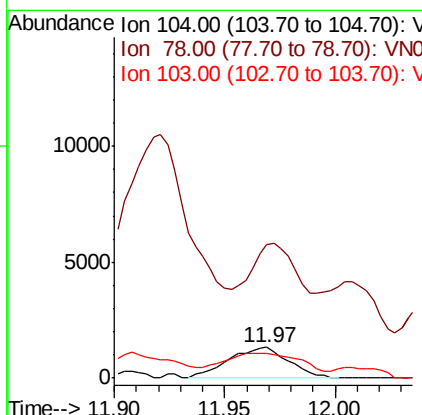
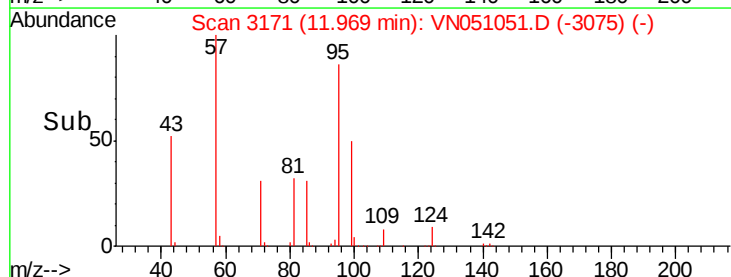
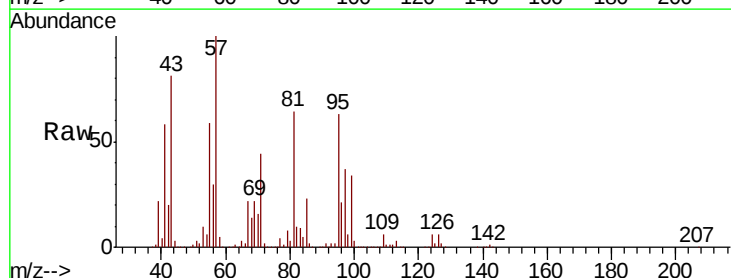
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)

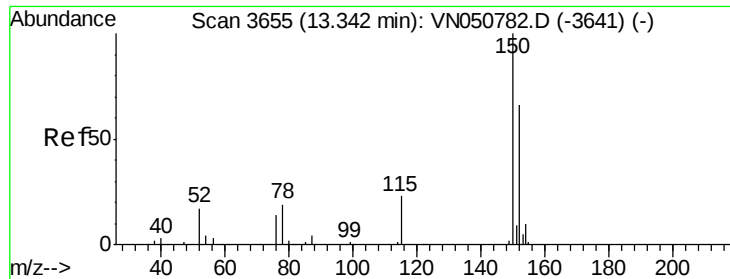
Tot Ion:106 Resp: 7582
Ion Ratio Lower Upper
106 100
91 0.0 161.0 241.6#



#70
Styrene
Concen: 1.37 ug/l
RT: 11.97 min Scan# 3171
Delta R.T. 0.01 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

Tgt Ion:104 Resp: 2505
Ion Ratio Lower Upper
104 100
78 0.0 38.2 57.4#
103 0.0 44.4 66.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051051.D

Acq: 7 Sep 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)

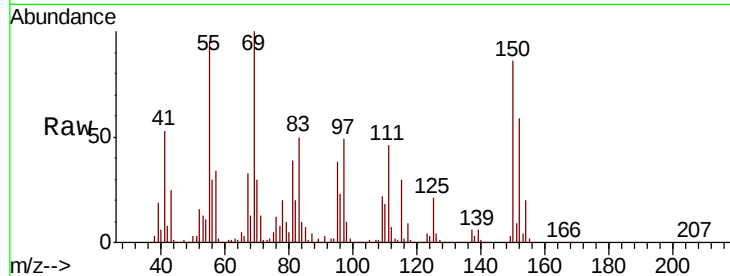
Tot Ion:152 Resp: 549524

Ion Ratio Lower Upper

152 100

115 42.3 27.8 83.4

150 117.7 0.0 351.4

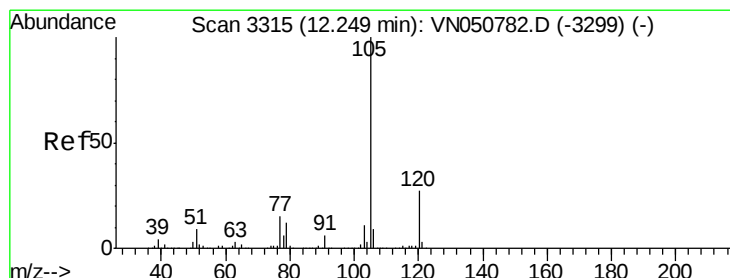
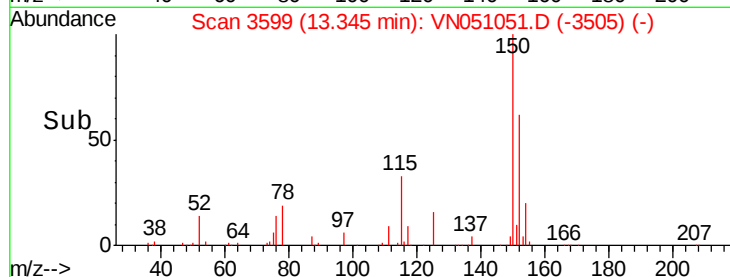
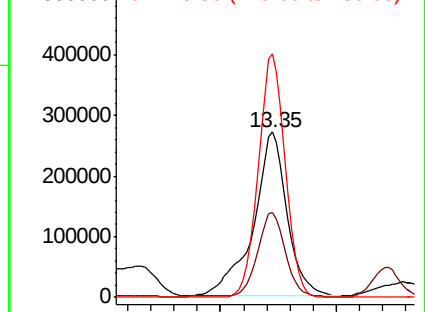


Abundance

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: 61.26 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN051051.D

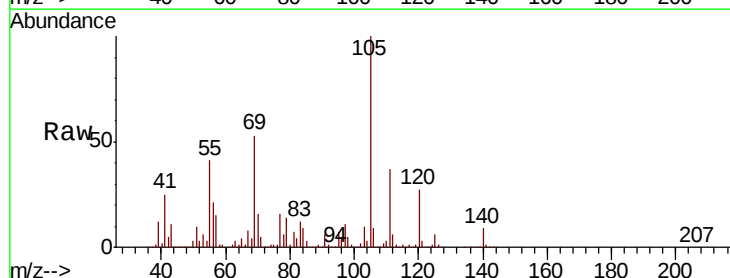
Acq: 7 Sep 2018 14:11

Tgt Ion:105 Resp: 2787686

Ion Ratio Lower Upper

105 100

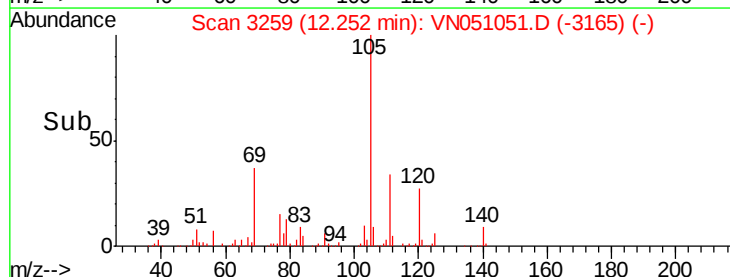
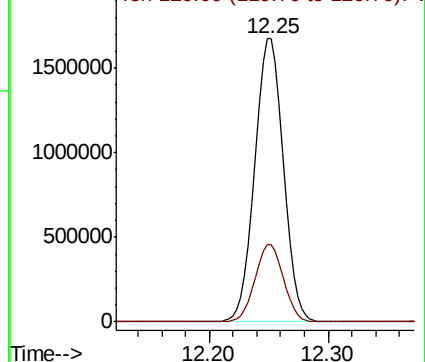
120 27.1 13.5 40.4

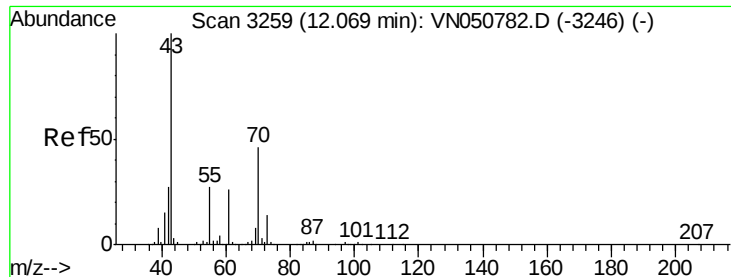


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 382.11 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN051051.D

Acq: 7 Sep 2018 14:11

Instrument :

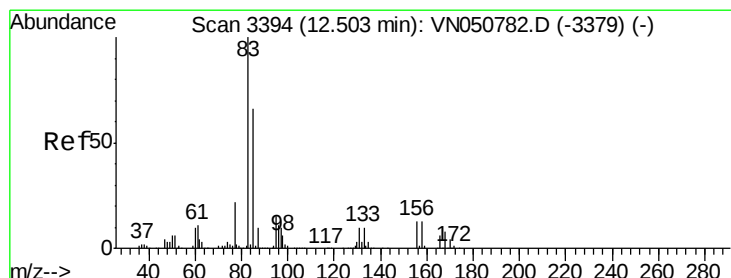
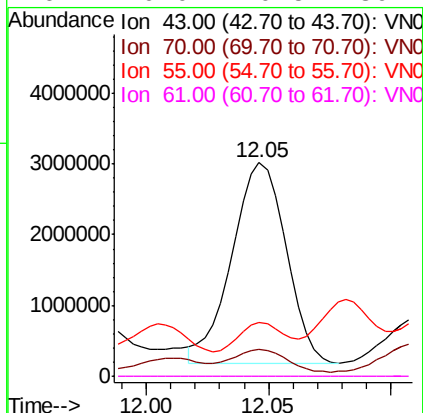
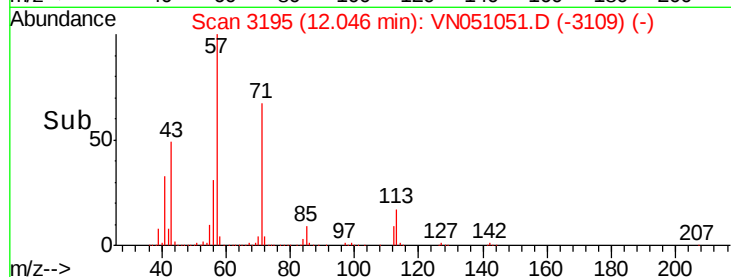
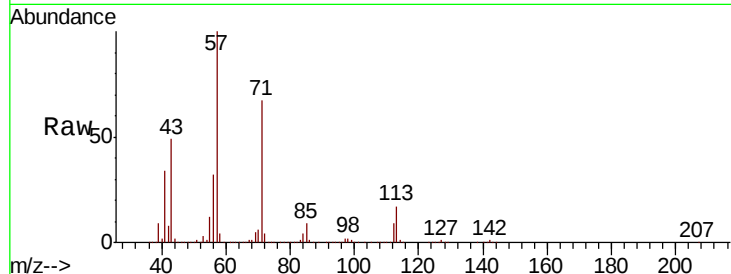
MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)

Tot Ion: 43 Resp: 4368729

Ion	Ratio	Lower	Upper
43	100		
70	10.8	36.2	54.2#
55	22.9	21.8	32.8
61	0.0	20.5	30.7#



#75

1,1,2,2-Tetrachloroethane

Concen: 40.39 ug/l

RT: 12.47 min Scan# 3328

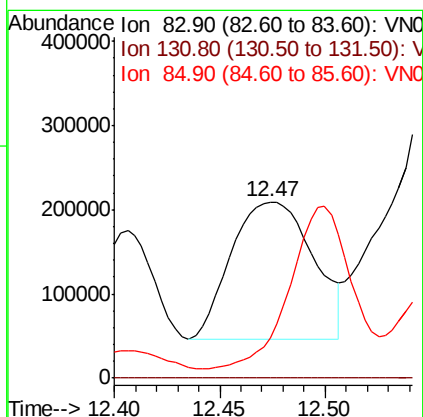
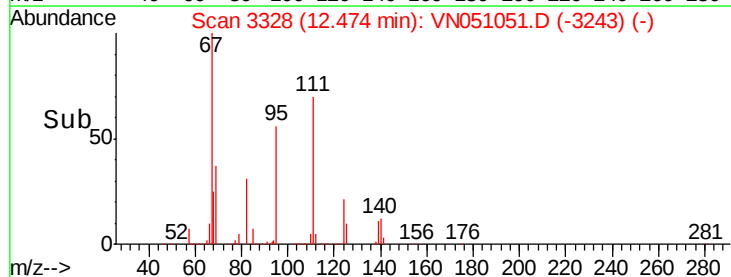
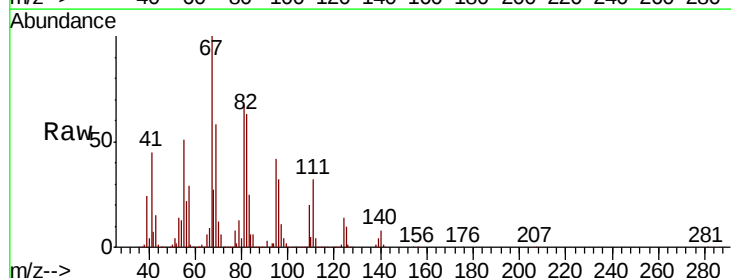
Delta R.T. -0.03 min

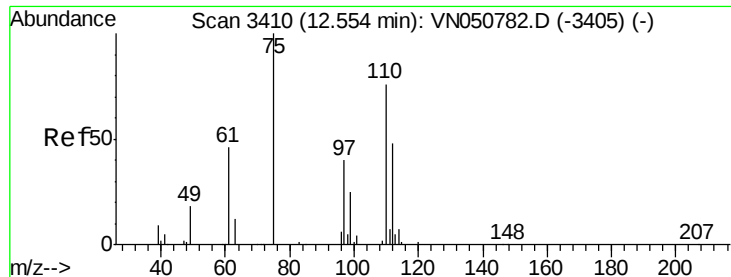
Lab File: VN051051.D

Acq: 7 Sep 2018 14:11

Tgt Ion: 83 Resp: 441538

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.3	15.9#
85	0.0	31.9	95.7#





#76

1,2,3-Trichloropropane

Concen: 4.89 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.04 min

Lab File: VN051051.D

Acq: 7 Sep 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

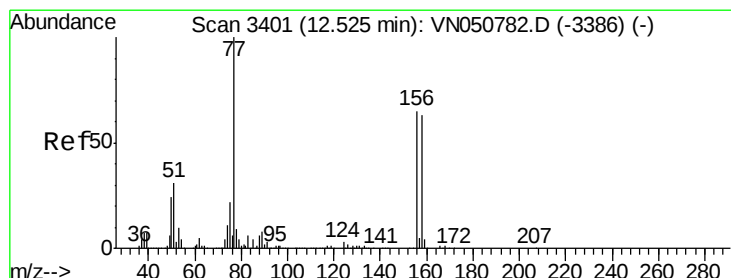
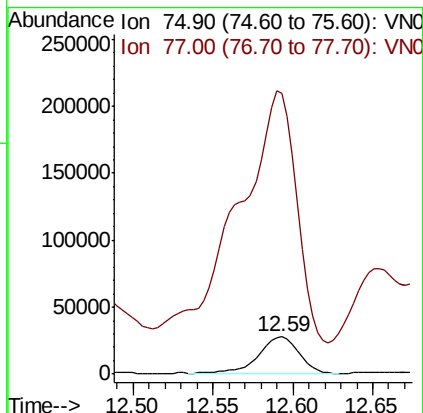
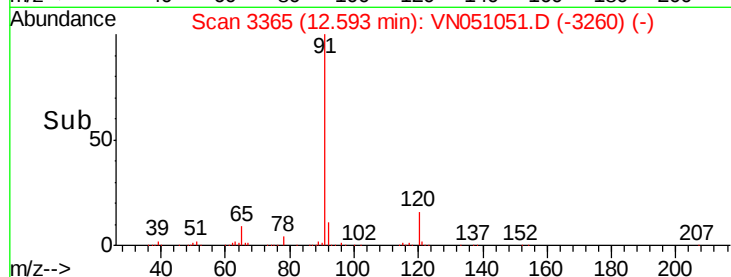
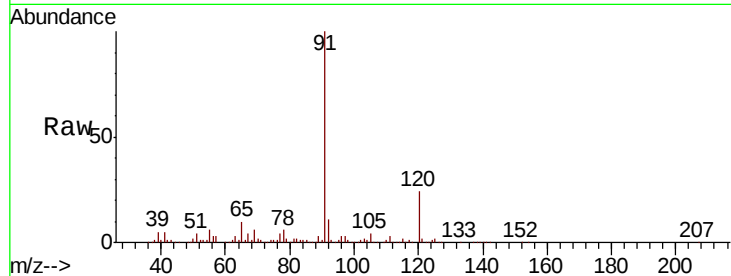
EP1-MW-C(15-20)

Tot Ion: 75 Resp: 47019

Ion Ratio Lower Upper

75 100

77 1018.6 0.0 0.0#



#77

Bromobenzene

Concen: 0.61 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.02 min

Lab File: VN051051.D

Acq: 7 Sep 2018 14:11

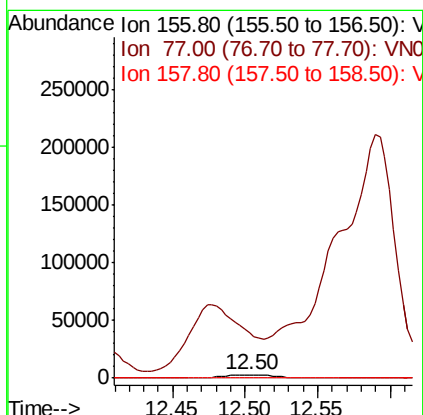
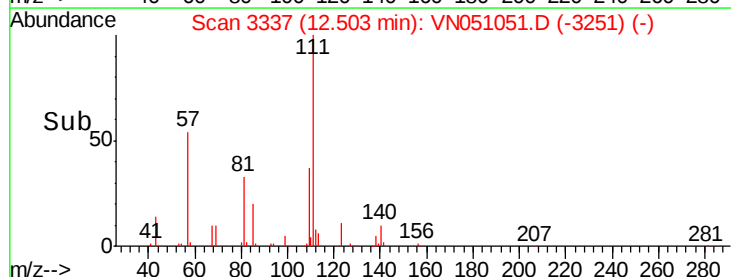
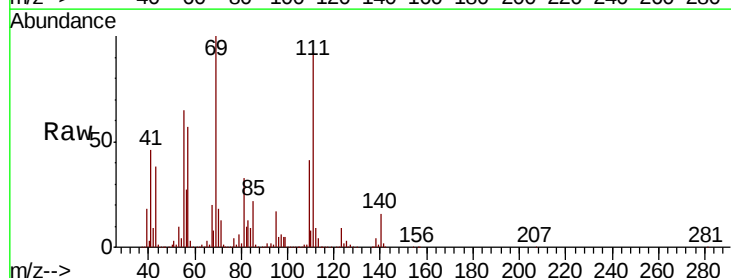
Tgt Ion: 156 Resp: 7542

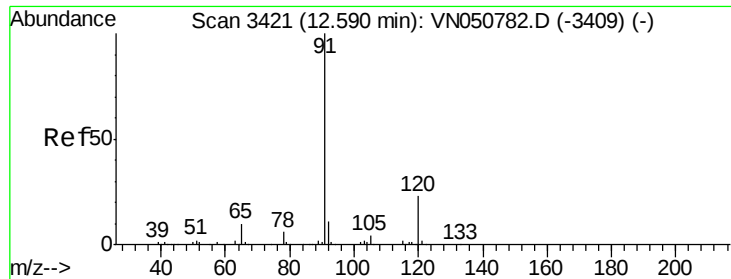
Ion Ratio Lower Upper

156 100

77 0.0 89.9 269.7#

158 0.0 49.3 147.9#





#78

n-propylbenzene

Concen: 164.59 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051051.D

Acq: 7 Sep 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

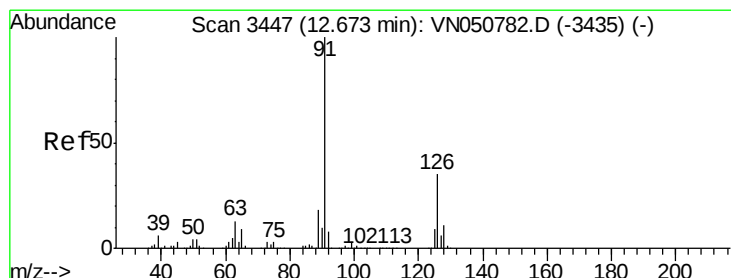
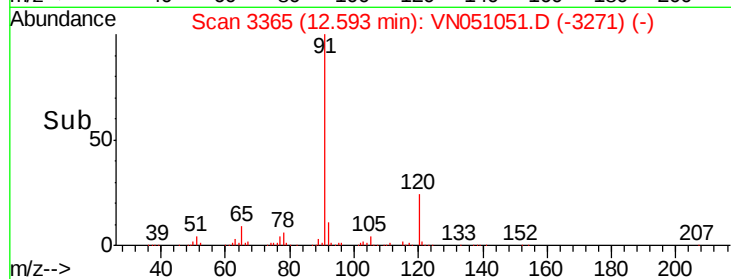
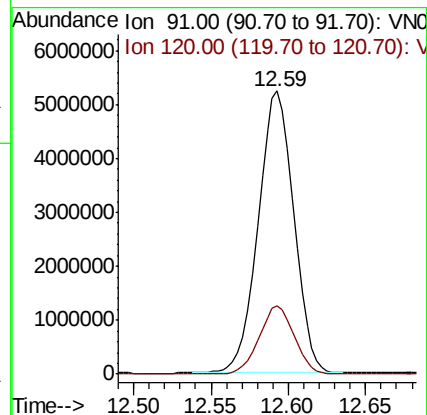
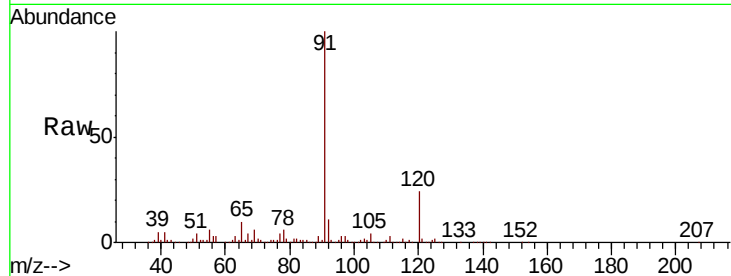
EP1-MW-C(15-20)

Tot Ion: 91 Resp: 8366497

Ion Ratio Lower Upper

91 100

120 23.9 11.7 35.0



#79

2-Chlorotoluene

Concen: 264.24 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.08 min

Lab File: VN051051.D

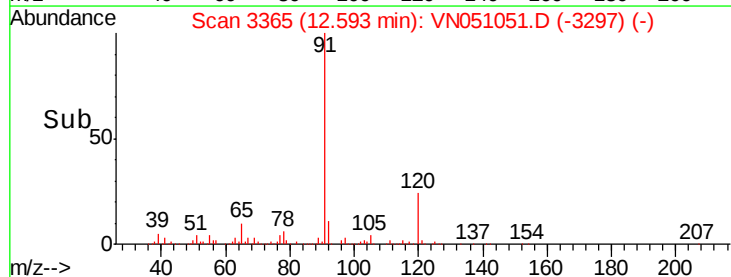
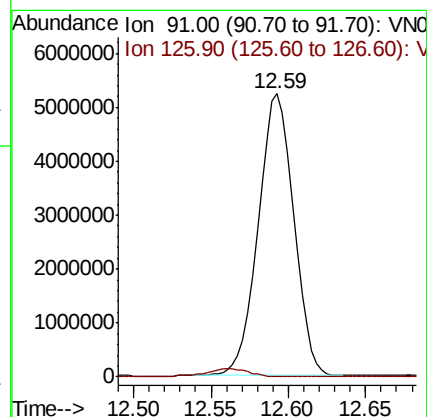
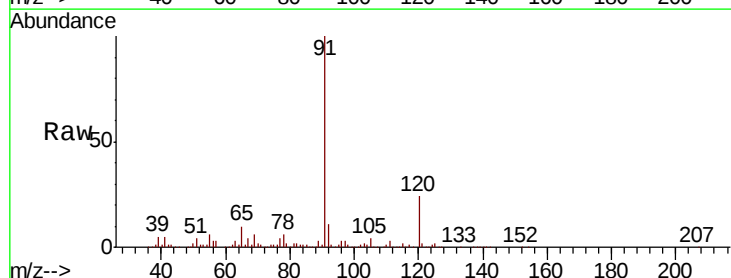
Acq: 7 Sep 2018 14:11

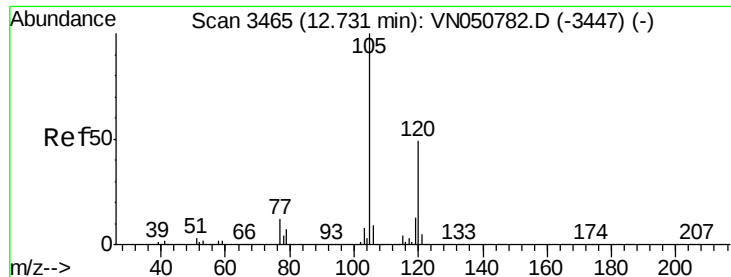
Tgt Ion: 91 Resp: 8366497

Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.3#





#80

1,3,5-Trimethylbenzene

Concen: 1.34 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051051.D

Acq: 7 Sep 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

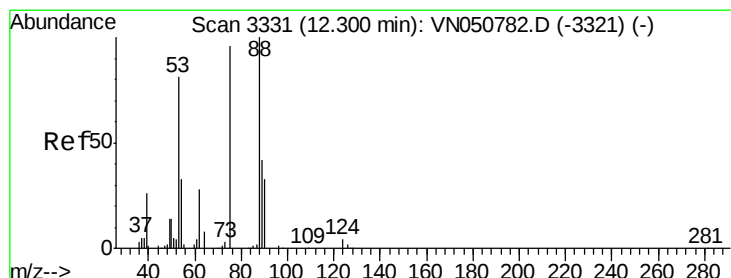
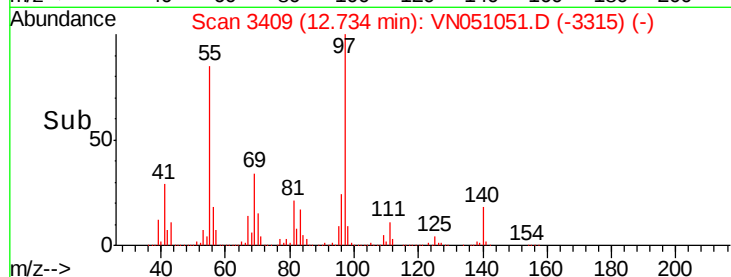
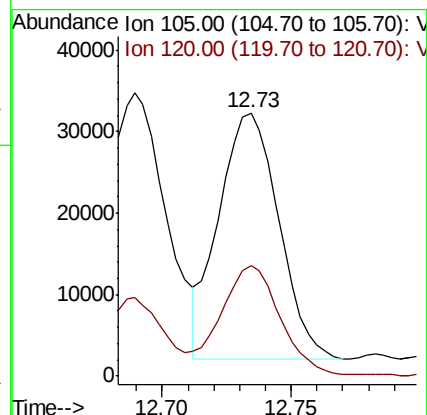
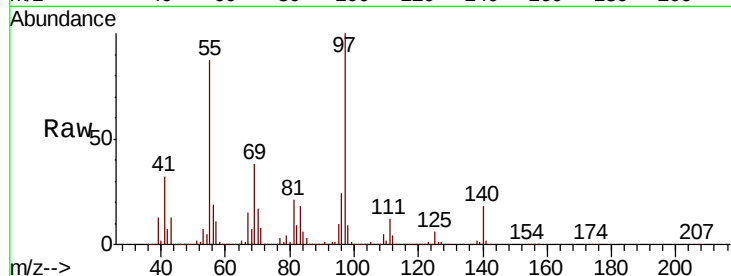
EP1-MW-C(15-20)

Tot Ion:105 Resp: 49042

Ion Ratio Lower Upper

105 100

120 0.0 24.6 74.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 9.87 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.05 min

Lab File: VN051051.D

Acq: 7 Sep 2018 14:11

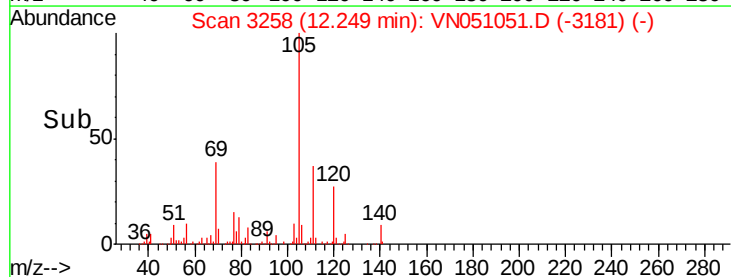
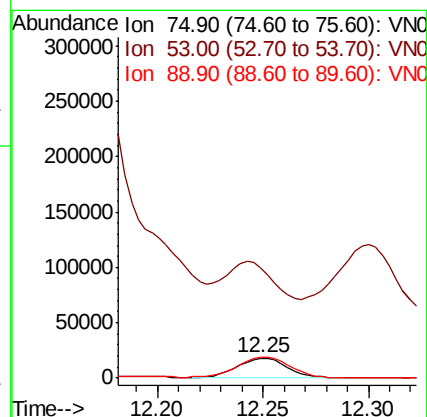
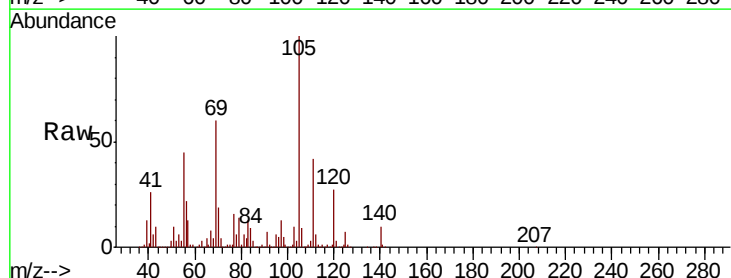
Tgt Ion: 75 Resp: 28089

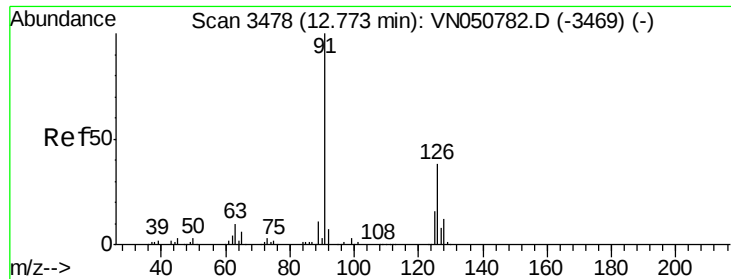
Ion Ratio Lower Upper

75 100

53 0.0 68.9 103.3#

89 114.8 36.1 54.1#

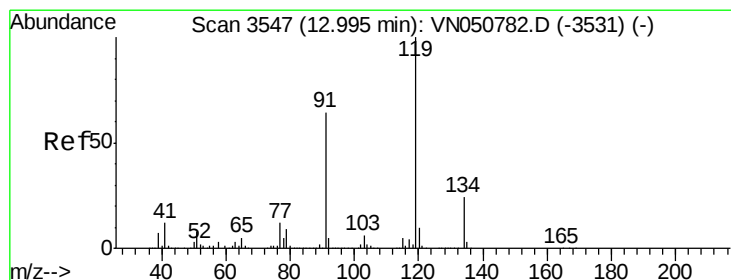
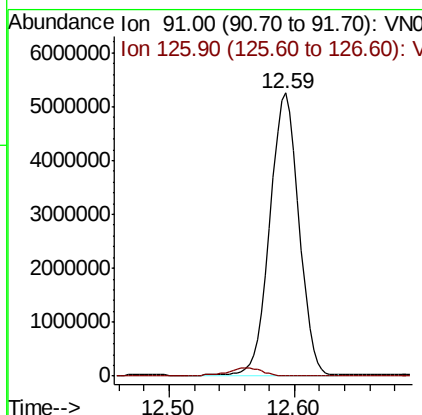
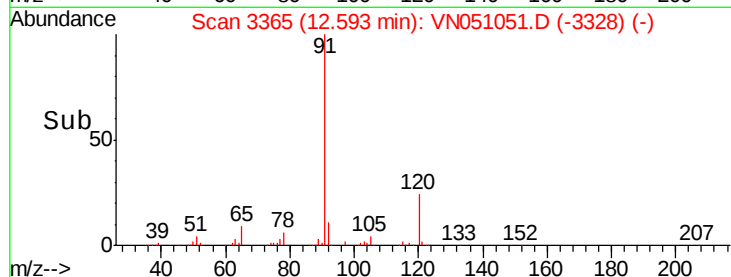
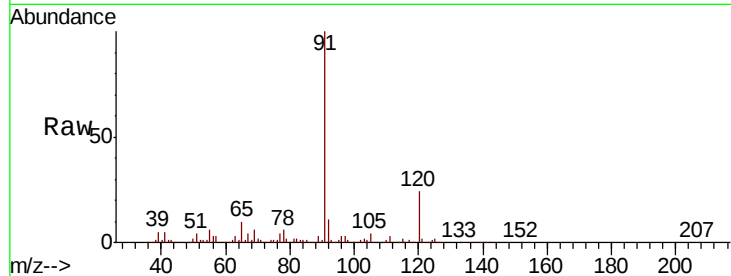




#82
4-Chlorotoluene
Concen: 268.82 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. -0.18 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

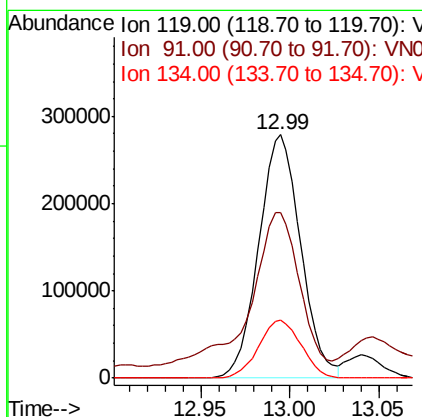
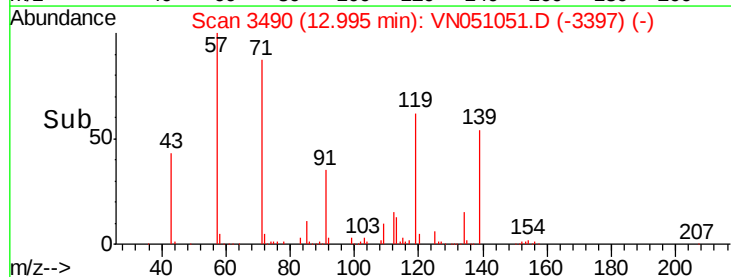
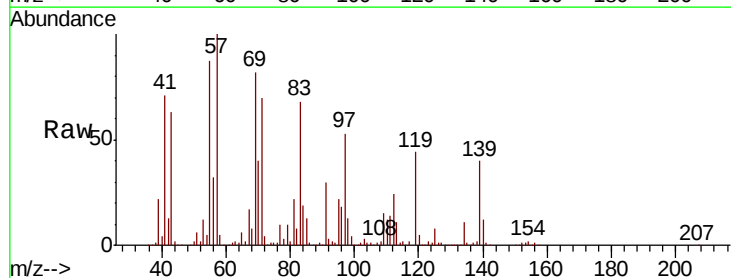
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)

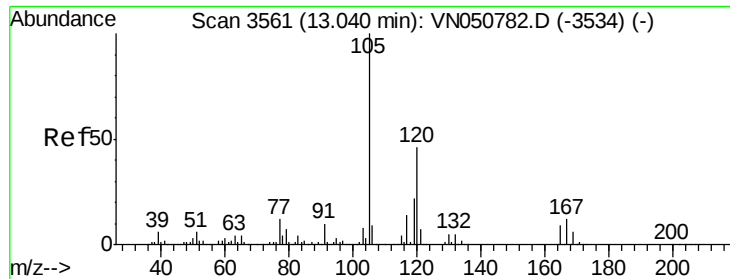
Tot Ion: 91 Resp: 8402676
Ion Ratio Lower Upper
91 100
126 0.0 17.5 52.5#



#83
tert-Butylbenzene
Concen: 14.40 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

Tgt Ion: 119 Resp: 458006
Ion Ratio Lower Upper
119 100
91 72.2 31.6 94.7
134 24.1 13.4 40.1

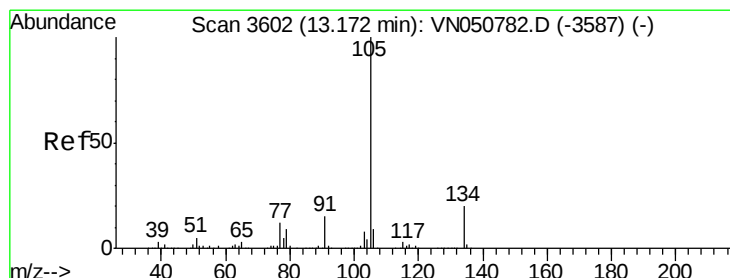
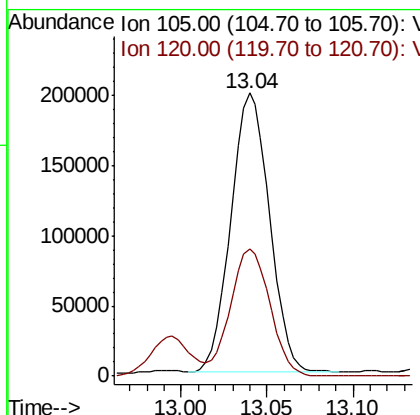
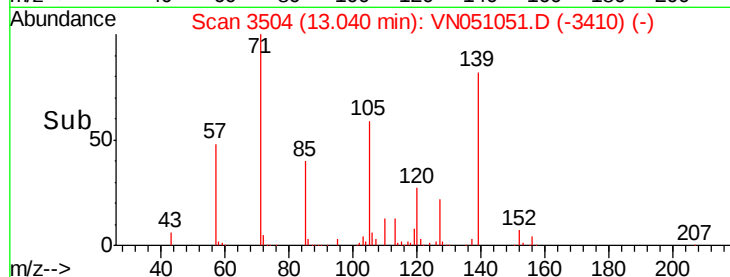
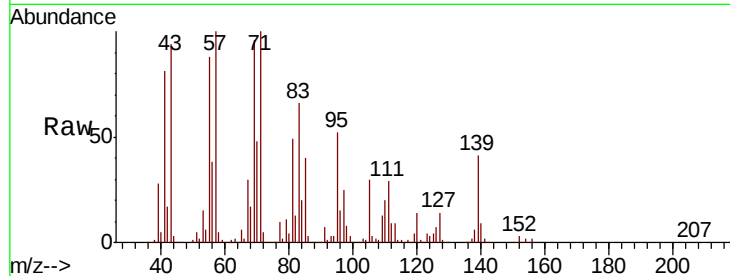




#84
1,2,4-Trimethylbenzene
Concen: 8.41 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

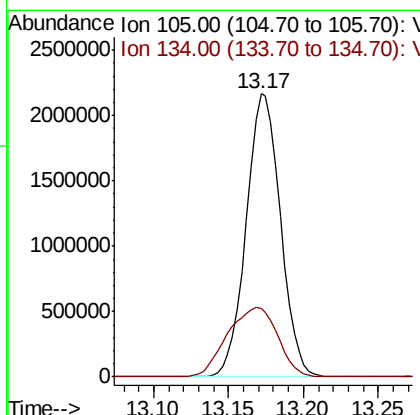
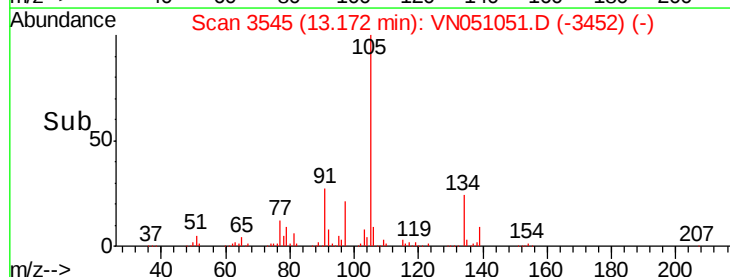
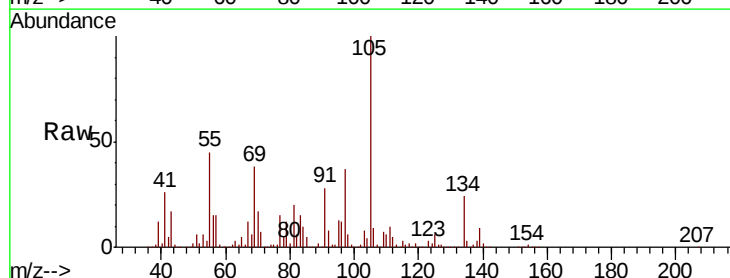
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)

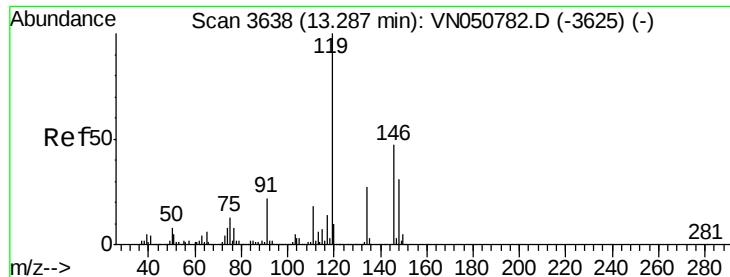
Tot Ion:105 Resp: 310635
Ion Ratio Lower Upper
105 100
120 46.5 22.9 68.8



#85
sec-Butylbenzene
Concen: 82.58 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

Tgt Ion:105 Resp: 3440695
Ion Ratio Lower Upper
105 100
134 36.0 10.3 30.8#





#86

p-Isopropyltoluene

Concen: 25.65 ug/l

RT: 13.44 min Scan# 3629

Delta R.T. 0.15 min

Lab File: VN051051.D

Acq: 7 Sep 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)

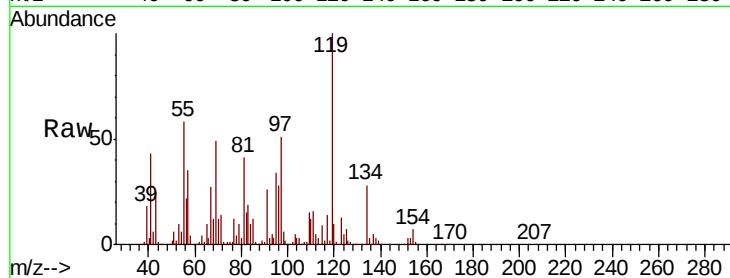
Tot Ion:119 Resp: 910746

Ion Ratio Lower Upper

119 100

134 28.4 13.7 41.0

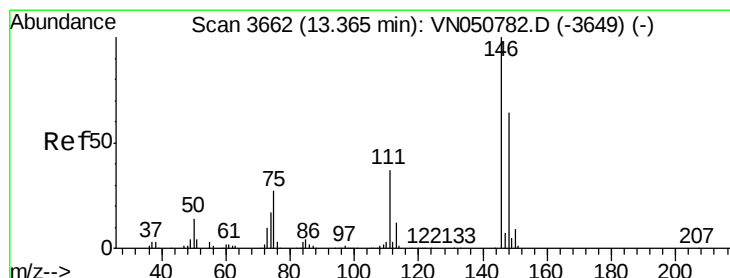
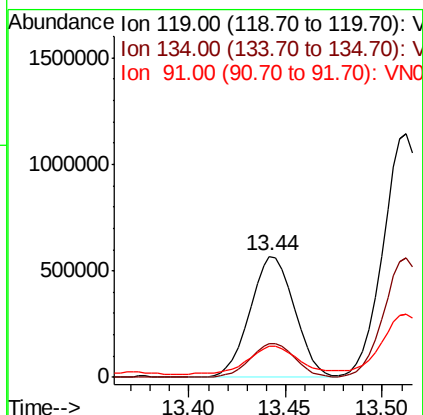
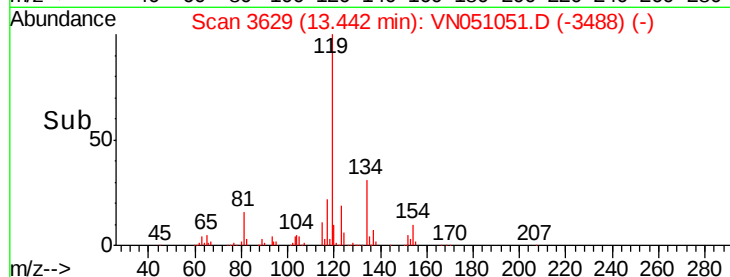
91 27.2 11.2 33.5



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



#88

1,4-Dichlorobenzene

Concen: 0.21 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN051051.D

Acq: 7 Sep 2018 14:11

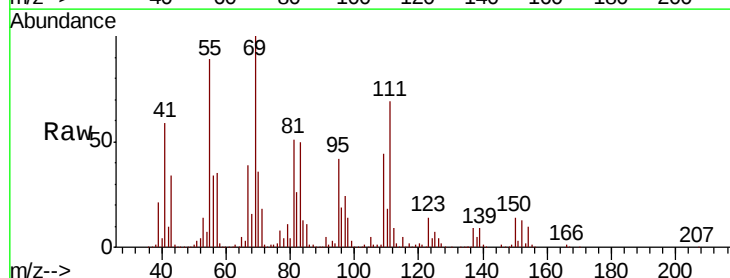
Tgt Ion:146 Resp: 4264

Ion Ratio Lower Upper

146 100

111 14305.3 18.8 56.3#

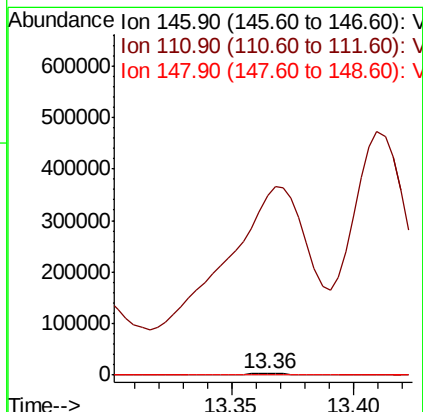
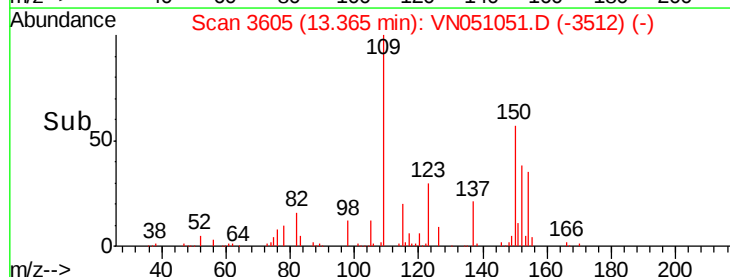
148 93.1 32.2 96.6

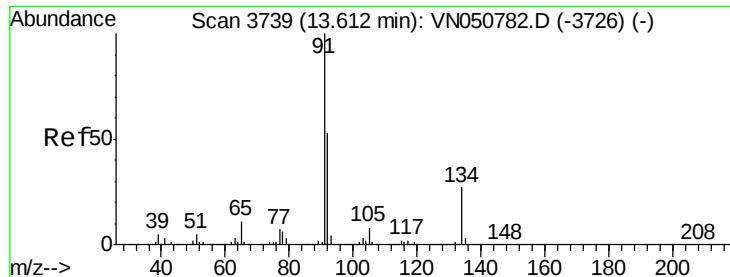


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 82.17 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051051.D

Acq: 7 Sep 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)

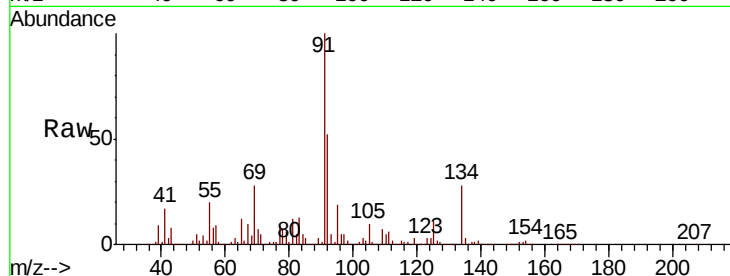
Tot Ion: 91 Resp: 2333141

Ion Ratio Lower Upper

91 100

92 50.1 26.1 78.2

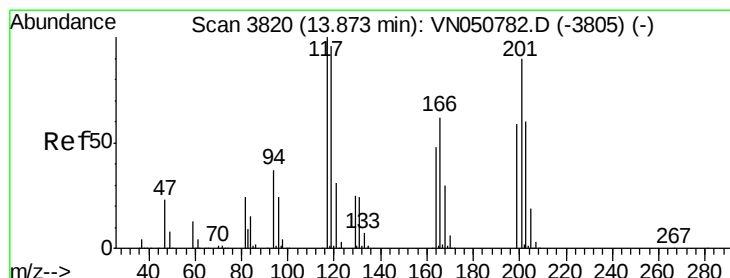
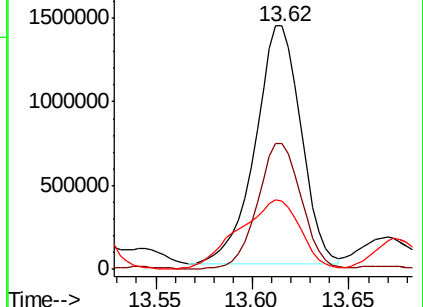
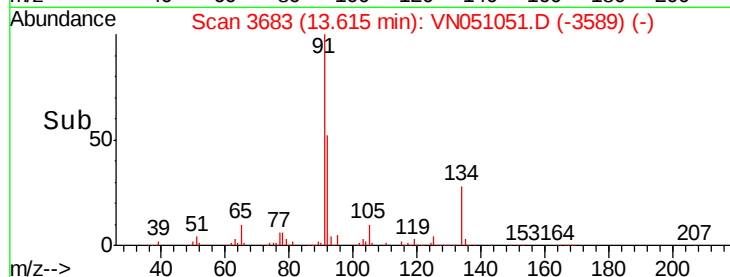
134 39.5 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VN050782.D (-3726) (-)

Ion 92.00 (91.70 to 92.70): VN050782.D (-3726) (-)

Ion 134.00 (133.70 to 134.70): VN050782.D (-3726) (-)



#90

Hexachloroethane

Concen: 79.85 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN051051.D

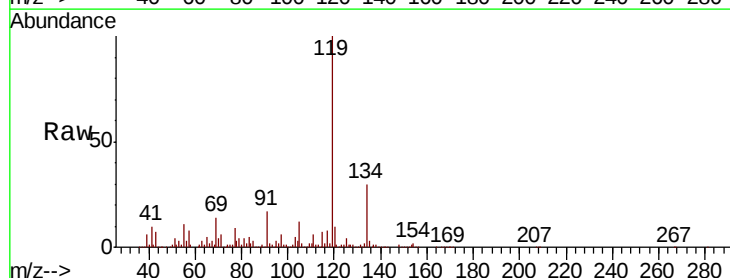
Acq: 7 Sep 2018 14:11

Tgt Ion: 117 Resp: 541033

Ion Ratio Lower Upper

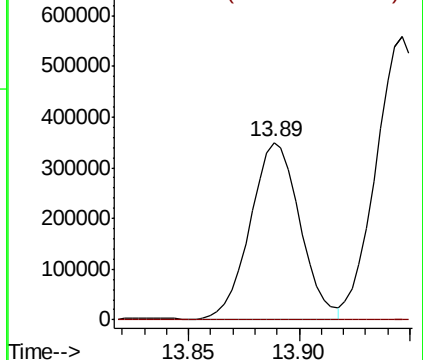
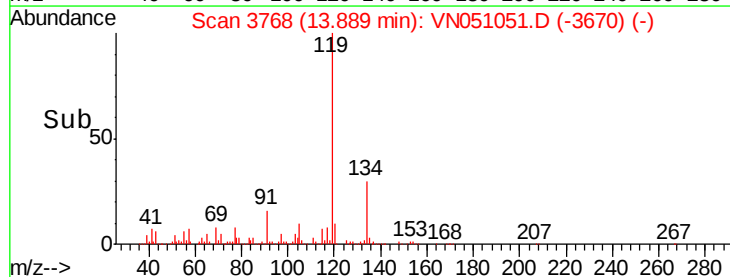
117 100

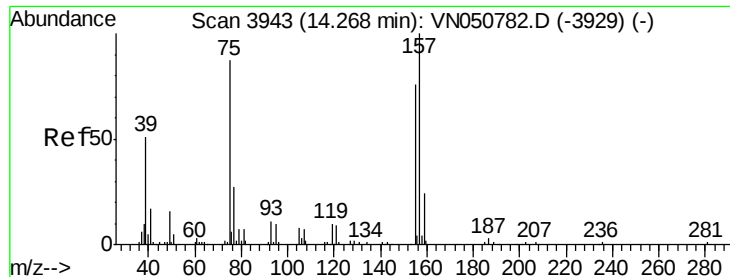
201 0.0 46.0 137.8#



Abundance Ion 116.80 (116.50 to 117.50): VN050782.D (-3805) (-)

Ion 200.70 (200.40 to 201.40): VN050782.D (-3805) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.79 ug/l

RT: 14.29 min Scan# 3894

Delta R.T. 0.03 min

Lab File: VN051051.D

Acq: 7 Sep 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)

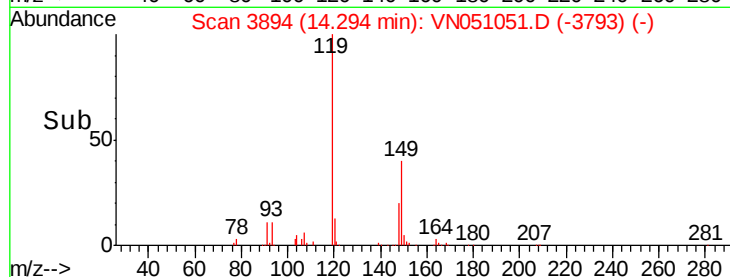
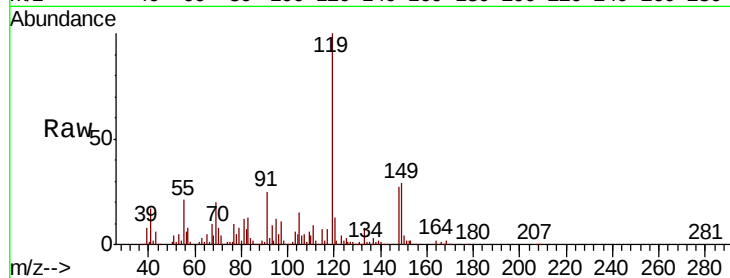
Tot Ion: 75 Resp: 4560

Ion Ratio Lower Upper

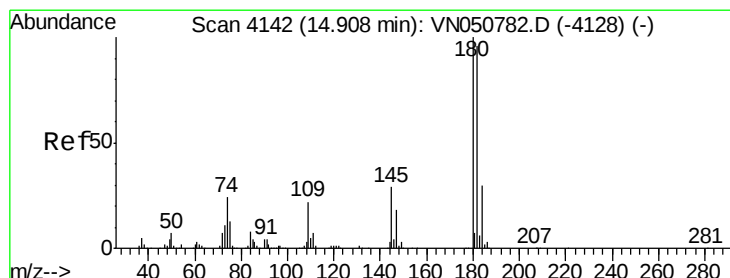
75 100

155 0.0 46.4 139.1#

157 0.0 60.7 182.0#



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 4.92 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN051051.D

Acq: 7 Sep 2018 14:11

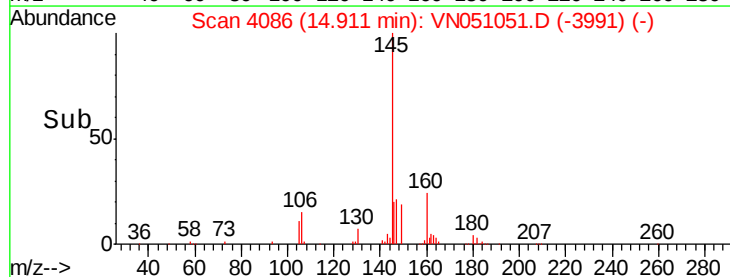
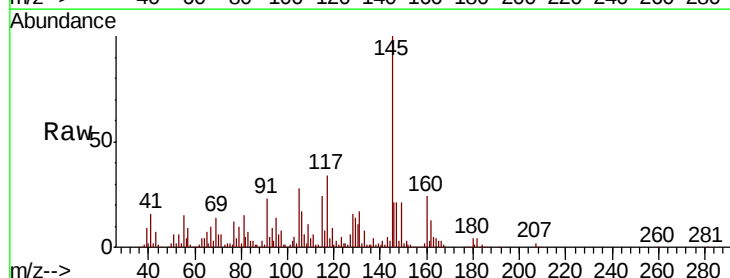
Tgt Ion: 180 Resp: 9645

Ion Ratio Lower Upper

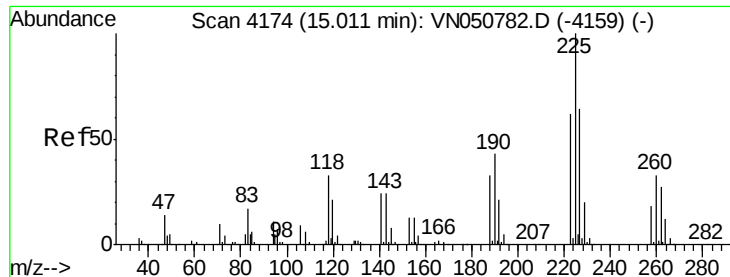
180 100

182 90.9 48.2 144.6

145 3185.3 14.1 42.2#



Time-->



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. -0.00 min

Lab File: VN051051.D

Acq: 7 Sep 2018 14:11

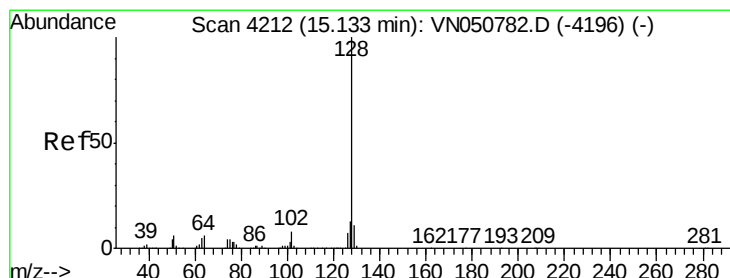
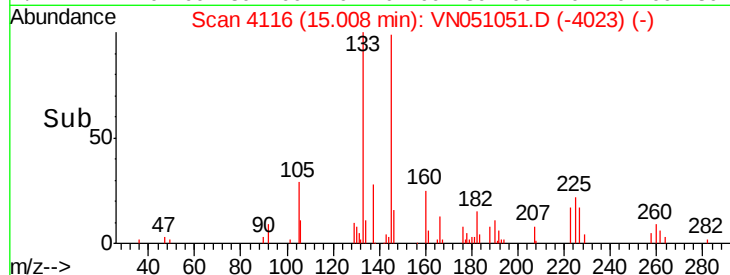
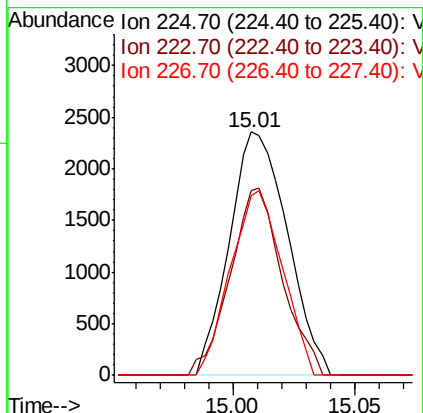
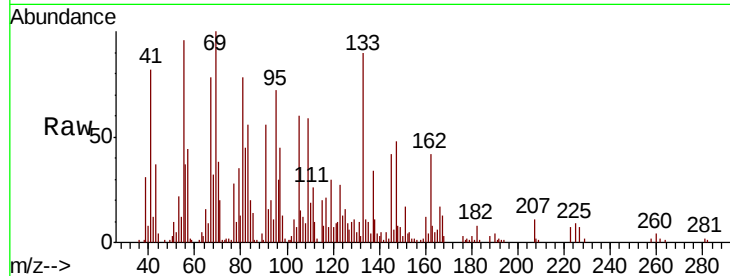
Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)

Tot Ion:	225	Resp:	3897
Ion	Ratio	Lower	Upper
225	100		
223	68.9	31.3	93.8
227	67.8	32.0	96.2



#95

Naphthalene

Concen: 6.37 ug/l

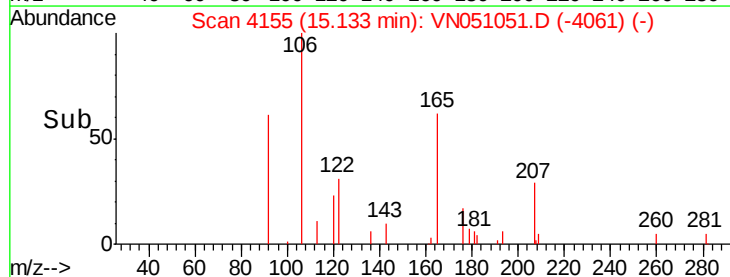
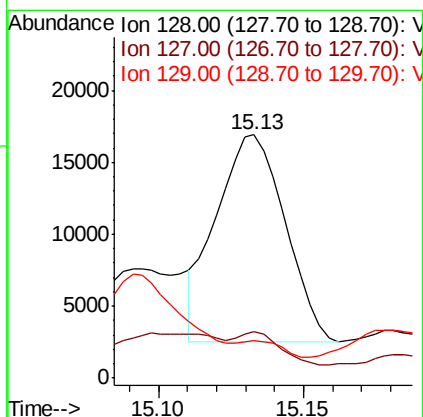
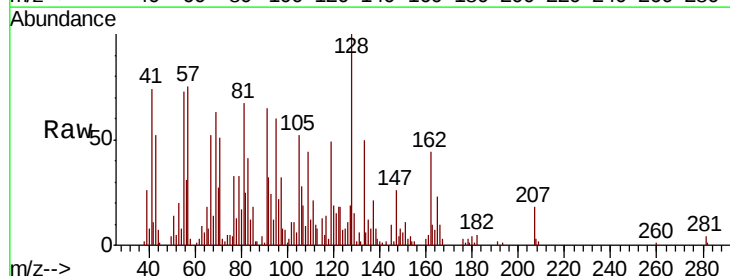
RT: 15.13 min Scan# 4155

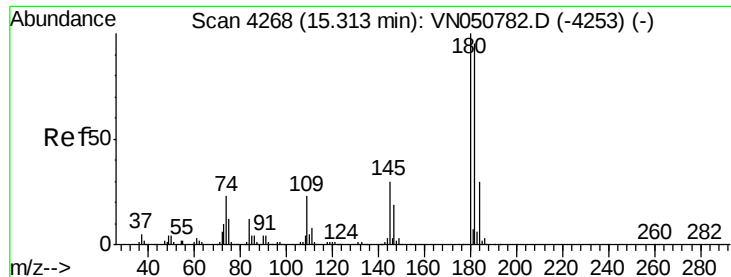
Delta R.T. 0.00 min

Lab File: VN051051.D

Acq: 7 Sep 2018 14:11

Tgt Ion:	128	Resp:	23854
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.7	13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 4.29 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN051051.D
 Acq: 7 Sep 2018 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)

Tot Ion	Ratio	Lower	Upper
180	100		
182	84.6	48.0	144.2
145	407.8	15.2	45.6#

