

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090718\
 Data File : VN051053.D
 Acq On : 7 Sep 2018 15:01
 Operator : MD\SY
 Sample : J4693-13
 Misc : 5.92g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(20-25)

Quant Time: Sep 07 23:12:44 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	579706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	862220	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	785889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	332903	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	343215	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	
35) Dibromofluoromethane	7.59	113	326633	47.62	ug/l	0.00
Spiked Amount			Recovery	=	95.24%	
50) Toluene-d8	10.09	98	1205283	47.00	ug/l	0.00
Spiked Amount			Recovery	=	94.00%	
62) 4-Bromofluorobenzene	12.40	95	394779	46.32	ug/l	0.00
Spiked Amount			Recovery	=	92.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.05	50	4045	0.42	ug/l	# 88
5) Bromomethane	2.51	94	2719	Below	Cal	# 80
10) Methyl Iodide	3.93	142	2405	6.67	ug/l	# 89
11) Tert butyl alcohol	4.74	59	5112	11.50	ug/l	# 72
13) Acrolein	3.61	56	223	18.71	ug/l	# 30
16) Acetone	3.83	43	1973	Below	Cal	96
17) Carbon Disulfide	4.02	76	6853	0.31	ug/l	# 91
18) Methyl Acetate	4.33	43	5834	0.89	ug/l	# 82
20) Methylene Chloride	4.54	84	3538	0.45	ug/l	89
25) 2-Butanone	6.83	43	1057	0.38	ug/l	99
29) Tetrahydrofuran	7.21	42	539	0.33	ug/l	# 83
31) Cyclohexane	7.66	56	9076	1.22	ug/l	# 1
36) 1,1-Dichloropropene	7.66	75	37871	3.72	ug/l	# 48
38) Carbon Tetrachloride	7.66	117	49296	4.79	ug/l	# 16
43) Isopropyl Acetate	8.26	43	14056	1.40	ug/l	# 58
49) 1,4-Dioxane	9.20	88	30	0.43	ug/l	# 1
51) 4-Methyl-2-Pentanone	9.98	43	1858	0.31	ug/l	# 35
55) 1,1,2-Trichloroethane	10.53	97	3834	0.57	ug/l	# 18
56) Ethyl methacrylate	10.43	69	2663	2.64	ug/l	# 33
58) 2-Chloroethyl Vinyl ether	9.70	63	59	12.24	ug/l	# 47
59) 2-Hexanone	10.72	43	9903	2.48	ug/l	# 27
70) Styrene	11.97	104	1616	1.34	ug/l	# 63
73) Isopropylbenzene	12.25	105	26560	0.96	ug/l	97
74) N-ethyl acetate	12.04	43	89712	12.95	ug/l	# 67
75) 1,1,2,2-Tetrachloroethane	12.48	83	9101	Below	Cal	# 23
76) 1,2,3-Trichloropropane	12.40	75	179372	30.76	ug/l	# 100
78) n-propylbenzene	12.59	91	63414	2.06	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	179372	104.00	ug/l	# 15
83) tert-Butylbenzene	12.99	119	6481	0.34	ug/l	89
85) sec-Butylbenzene	13.17	105	46055	1.82	ug/l	# 78
87) 1,3-Dichlorobenzene	13.28	146	3430	0.27	ug/l	# 1
88) 1,4-Dichlorobenzene	13.36	146	3697	0.30	ug/l	# 1
89) n-Butylbenzene	13.61	91	18589	1.08	ug/l	# 82
90) Hexachloroethane	13.89	117	10635	2.77	ug/l	# 4

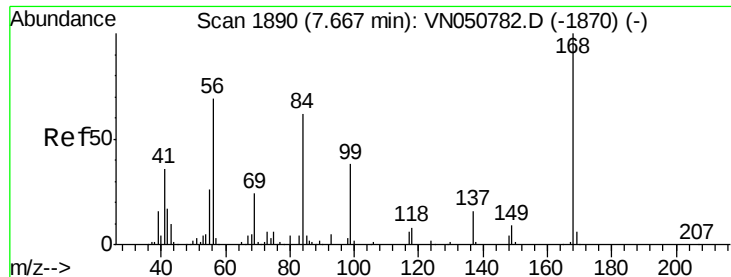
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090718\
Data File : VN051053.D
Acq On : 7 Sep 2018 15:01
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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.65	146	2896	0.24	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	5168	4.83	ug/l #	53
94) Hexachlorobutadiene	15.01	225	2736	Below Cal		96
95) Naphthalene	15.14	128	12374	6.23	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	5149	4.10	ug/l #	87

(#) = 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: VN051053.D

Acq: 7 Sep 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

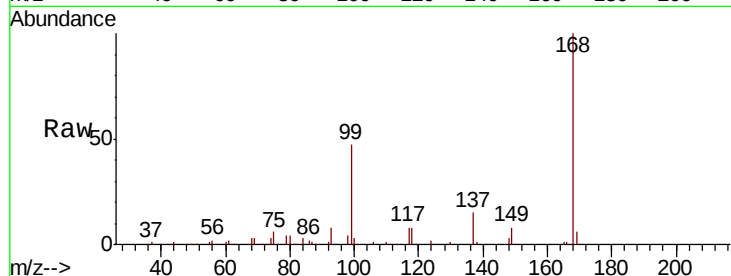
EP1-MW-C(20-25)

Tot Ion:168 Resp: 579706

Ion Ratio Lower Upper

168 100

99 47.4 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

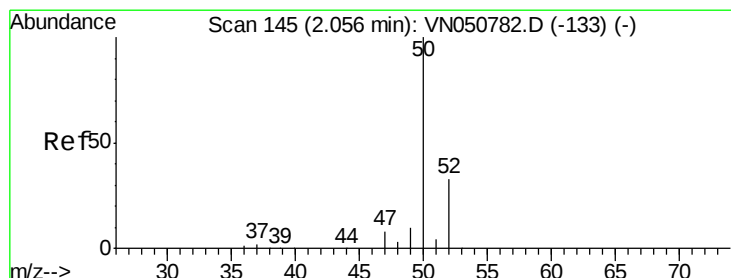
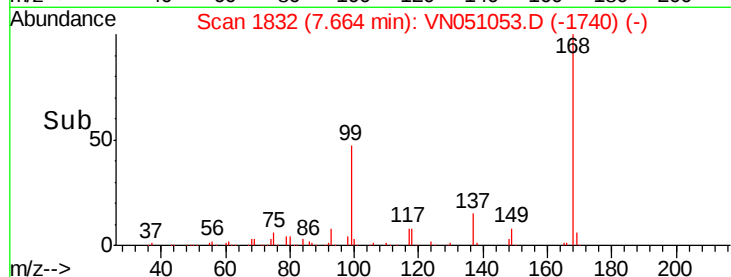
100000

50000

0

Time-->

7.60 7.70 7.80



#3

Chloromethane

Concen: 0.42 ug/l

RT: 2.05 min Scan# 87

Delta R.T. -0.00 min

Lab File: VN051053.D

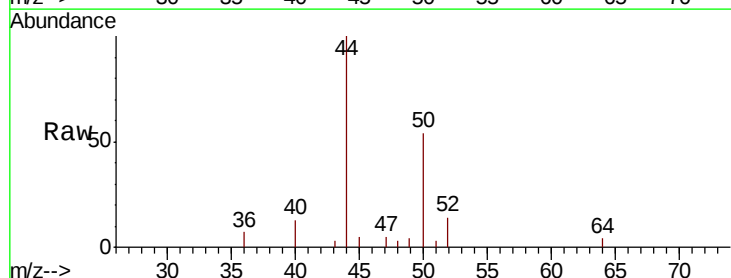
Acq: 7 Sep 2018 15:01

Tgt Ion: 50 Resp: 4045

Ion Ratio Lower Upper

50 100

52 25.9 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

3000

2500

2000

1500

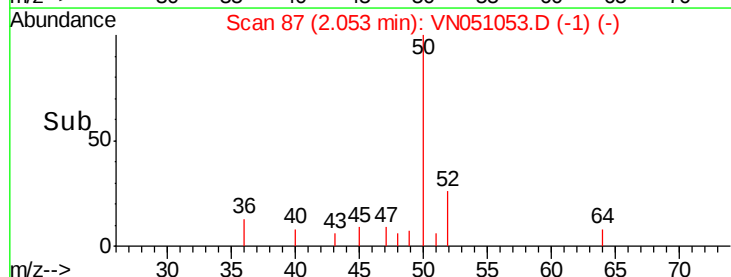
1000

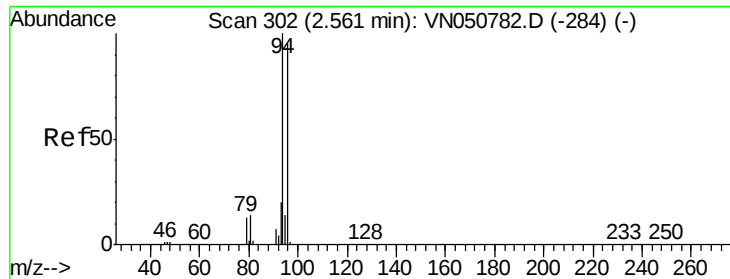
500

0

Time-->

2.00 2.05 2.10





#5

Bromomethane

Concen: Below Cal

RT: 2.51 min Scan# 229

Delta R.T. -0.05 min

Lab File: VN051053.D

Acq: 7 Sep 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

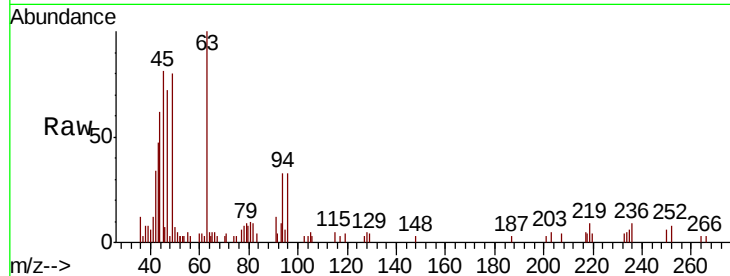
EP1-MW-C(20-25)

Tot Ion: 94 Resp: 2719

Ion Ratio Lower Upper

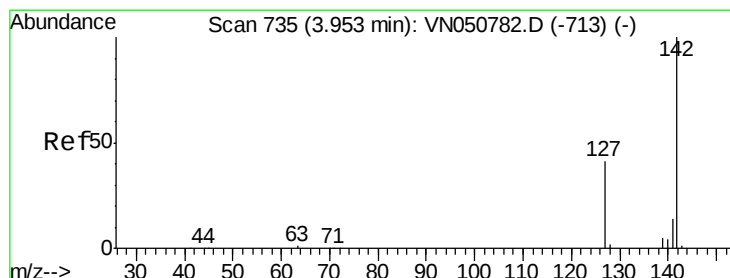
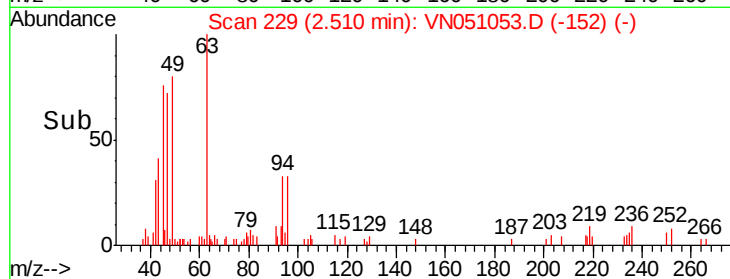
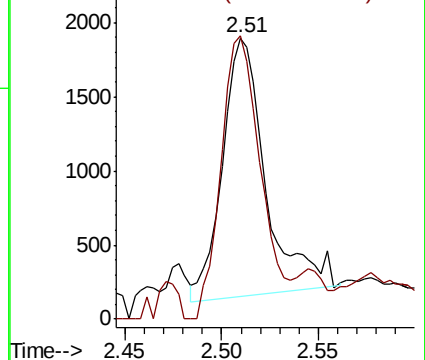
94 100

96 114.4 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: 6.67 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.03 min

Lab File: VN051053.D

Acq: 7 Sep 2018 15:01

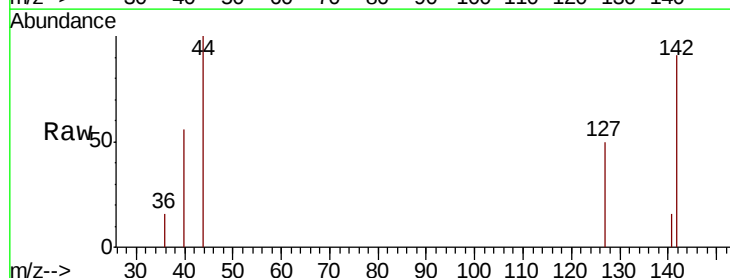
Tgt Ion: 142 Resp: 2405

Ion Ratio Lower Upper

142 100

127 42.7 31.7 47.5

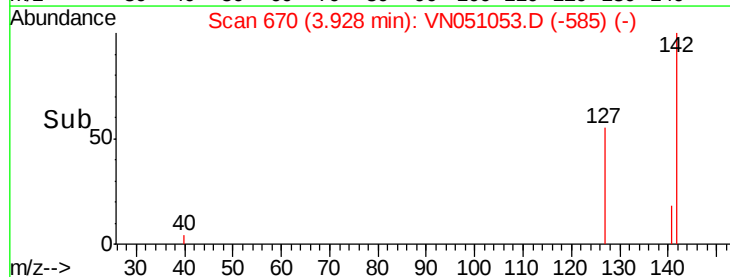
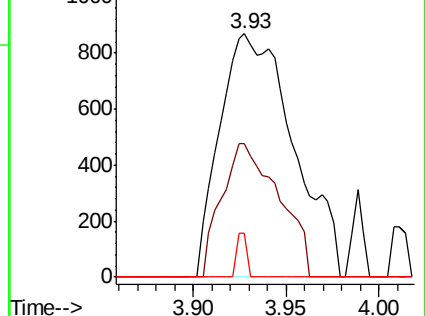
141 2.5 11.4 17.0#

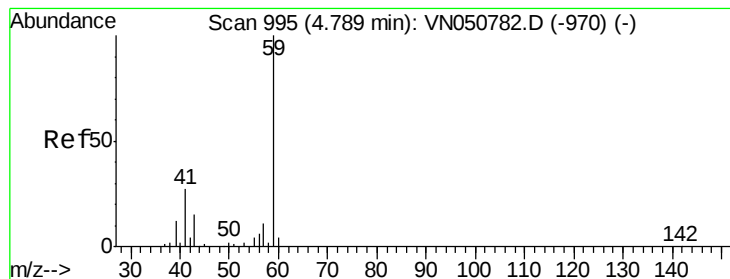


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 11.50 ug/l

RT: 4.74 min Scan# 922

Delta R.T. -0.05 min

Lab File: VN051053.D

Acq: 7 Sep 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

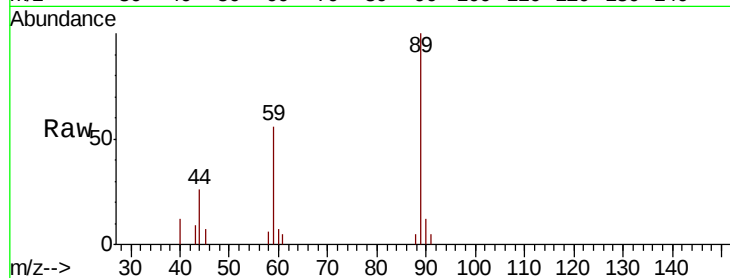
EP1-MW-C(20-25)

Tot Ion: 59 Resp: 5112

Ion Ratio Lower Upper

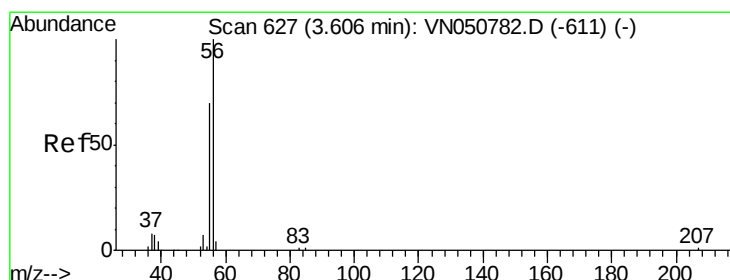
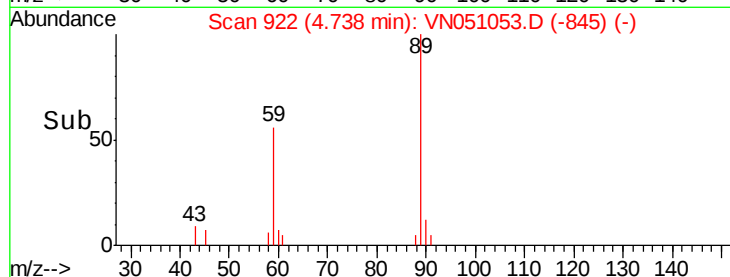
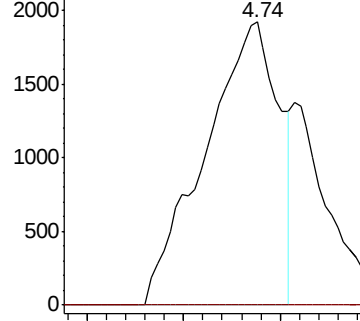
59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#13

Acrolein

Concen: 18.71 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN051053.D

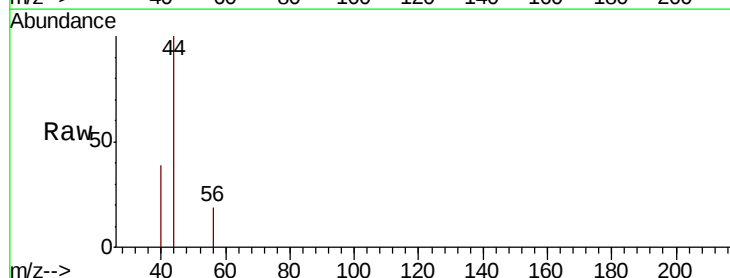
Acq: 7 Sep 2018 15:01

Tgt Ion: 56 Resp: 223

Ion Ratio Lower Upper

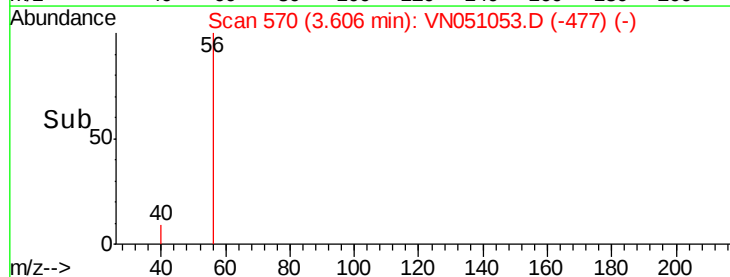
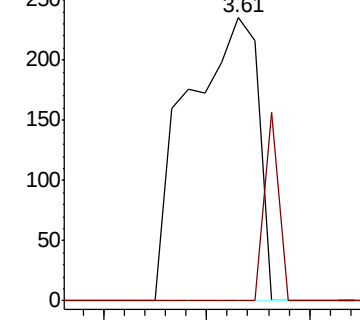
56 100

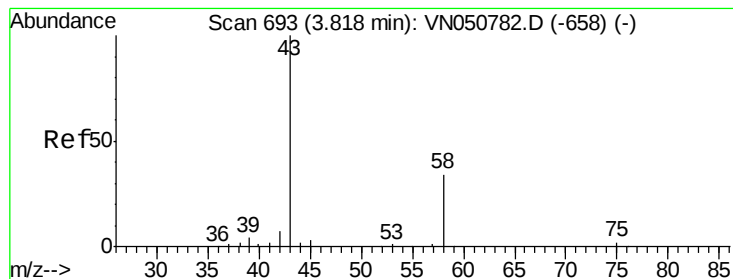
55 13.5 57.7 86.5#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#16

Acetone

Concen: Below Cal

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN051053.D

Acq: 7 Sep 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

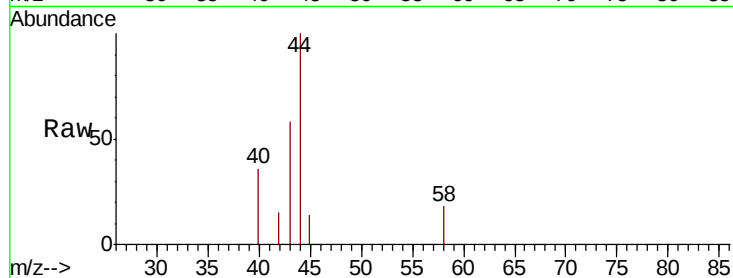
EP1-MW-C(20-25)

Tot Ion: 43 Resp: 1973

Ion Ratio Lower Upper

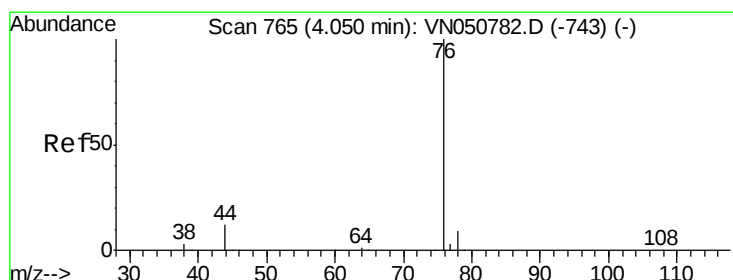
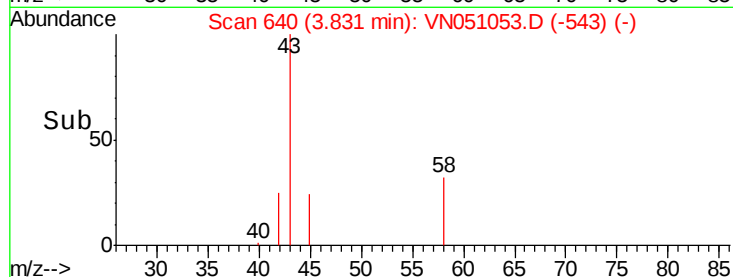
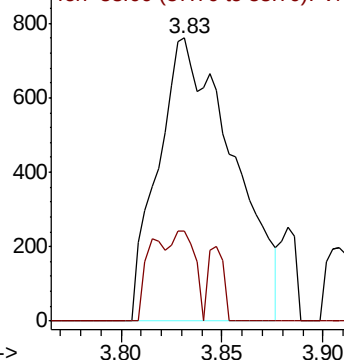
43 100

58 31.7 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.31 ug/l

RT: 4.02 min Scan# 700

Delta R.T. -0.03 min

Lab File: VN051053.D

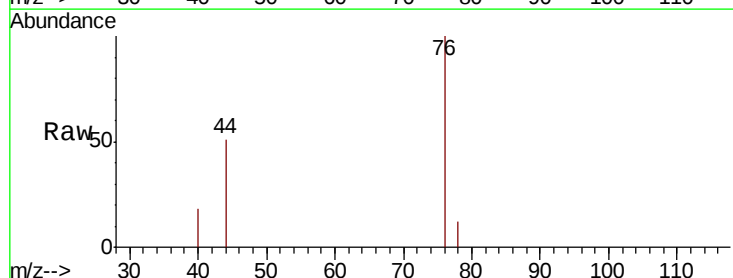
Acq: 7 Sep 2018 15:01

Tgt Ion: 76 Resp: 6853

Ion Ratio Lower Upper

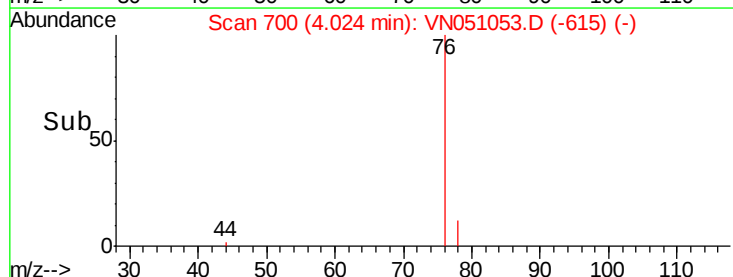
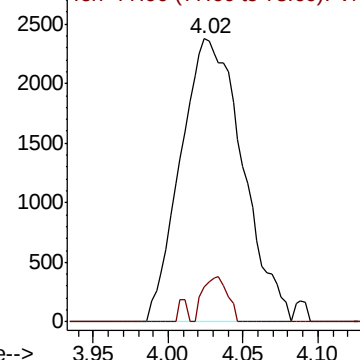
76 100

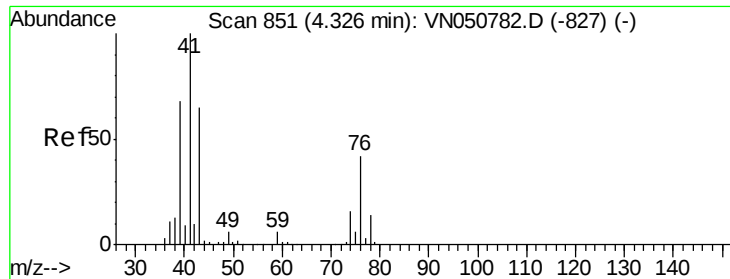
78 12.2 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

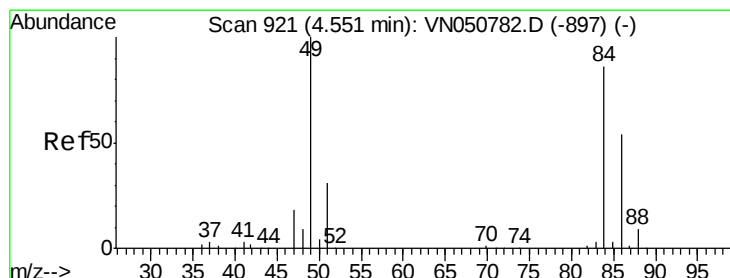
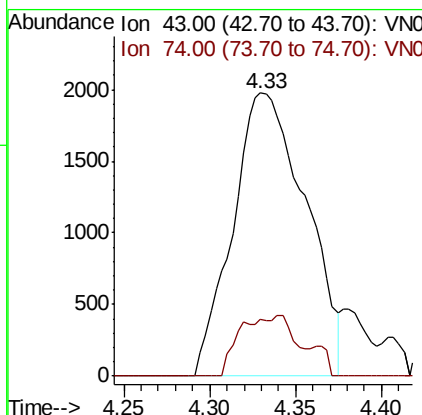
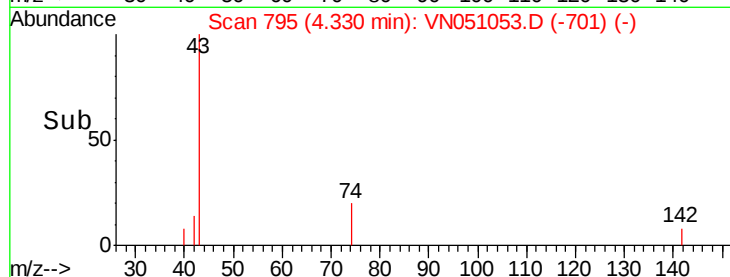
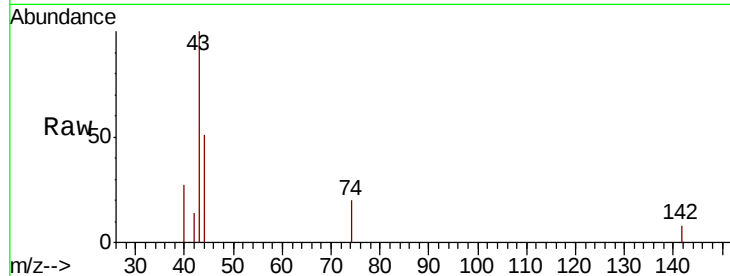




#18
Methyl Acetate
Concen: 0.89 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051053.D
Acq: 7 Sep 2018 15:01

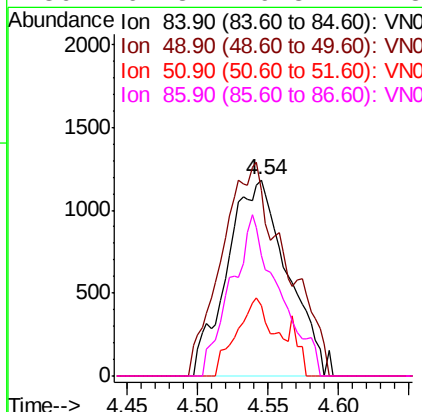
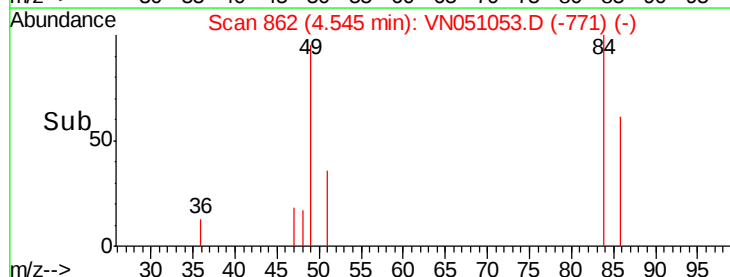
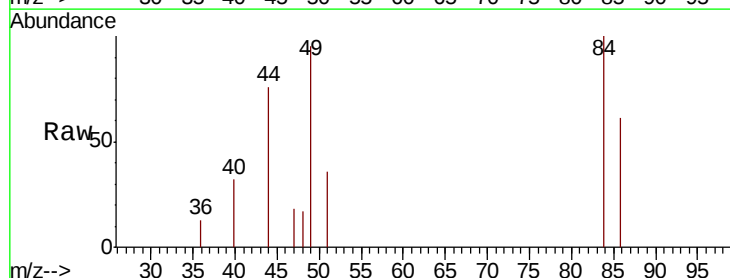
Instrument :
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EP1-MW-C(20-25)

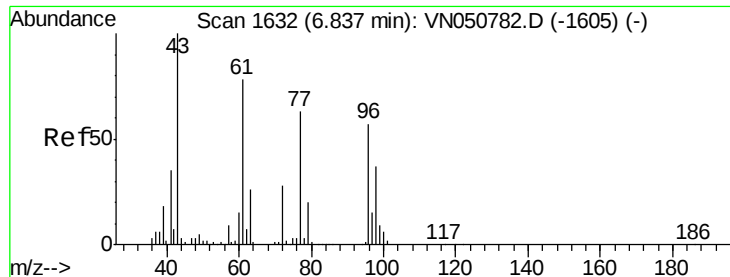
Tot Ion: 43 Resp: 5834
Ion Ratio Lower Upper
43 100
74 15.8 19.8 29.8#



#20
Methylene Chloride
Concen: 0.45 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.01 min
Lab File: VN051053.D
Acq: 7 Sep 2018 15:01

Tgt Ion: 84 Resp: 3538
Ion Ratio Lower Upper
84 100
49 94.7 93.2 139.8
51 35.7 29.0 43.6
86 61.3 49.8 74.8

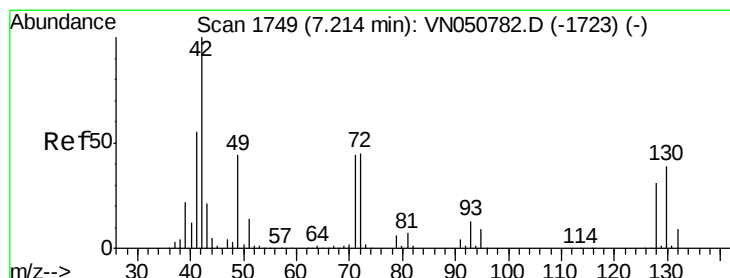
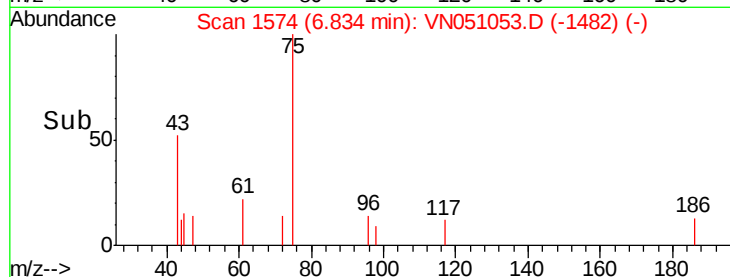
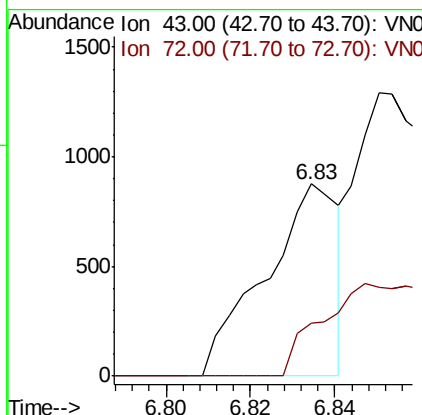
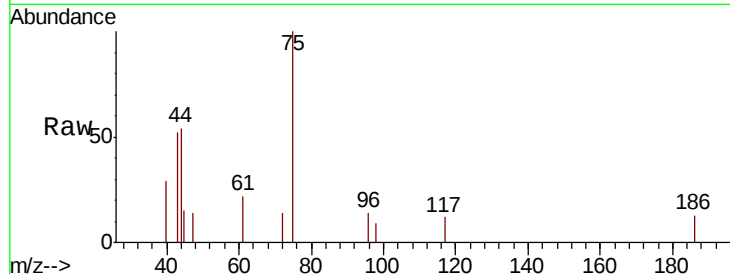




#25
2-Butanone
Concen: 0.38 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN051053.D
Acq: 7 Sep 2018 15:01

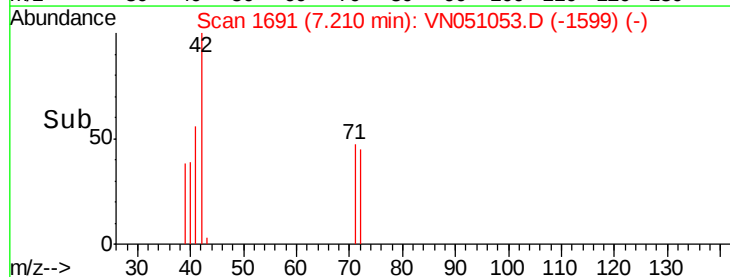
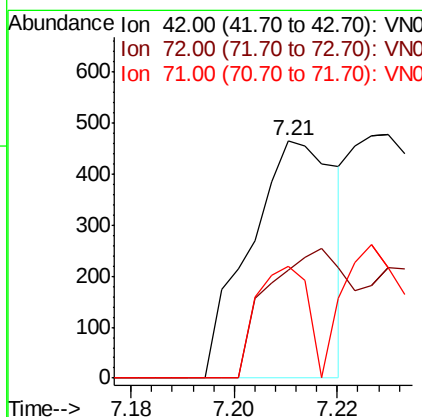
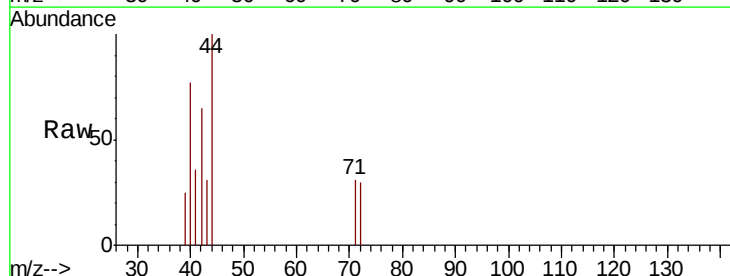
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(20-25)

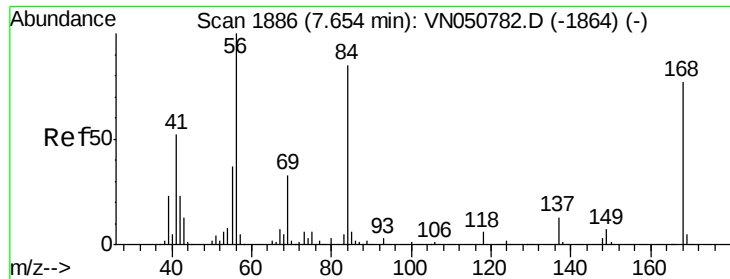
Tot Ion: 43 Resp: 1057
Ion Ratio Lower Upper
43 100
72 27.3 22.3 33.5



#29
Tetrahydrofuran
Concen: 0.33 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN051053.D
Acq: 7 Sep 2018 15:01

Tgt Ion: 42 Resp: 539
Ion Ratio Lower Upper
42 100
72 51.4 35.5 53.3
71 27.6 33.7 50.5#

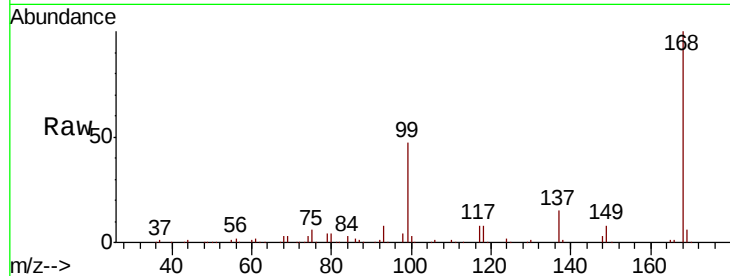




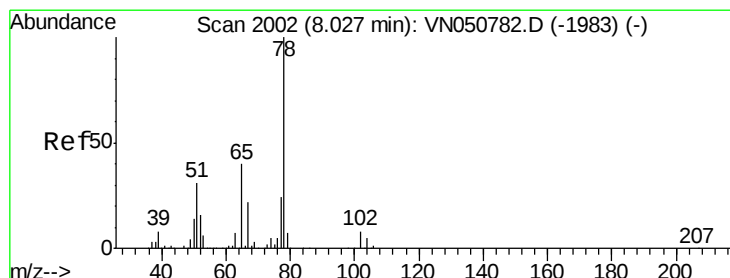
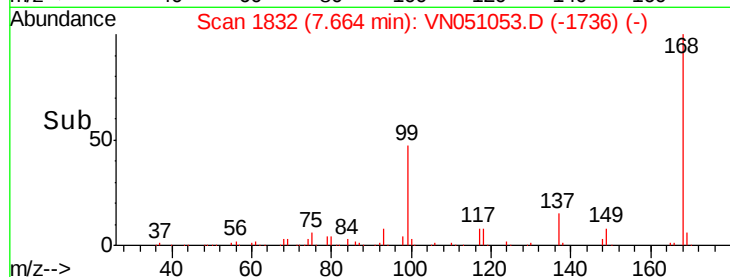
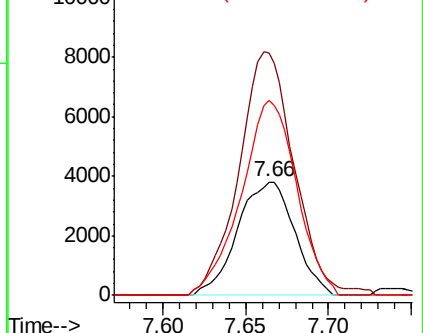
#31
Cyclohexane
Concen: 1.22 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN051053.D
Acq: 7 Sep 2018 15:01

Instrument :
MSVOA_N
ClientSampled :
EP1-MW-C(20-25)

Tot Ion: 56 Resp: 9076
Ion Ratio Lower Upper
56 100
69 213.6 26.2 39.4#
84 172.5 68.3 102.5#

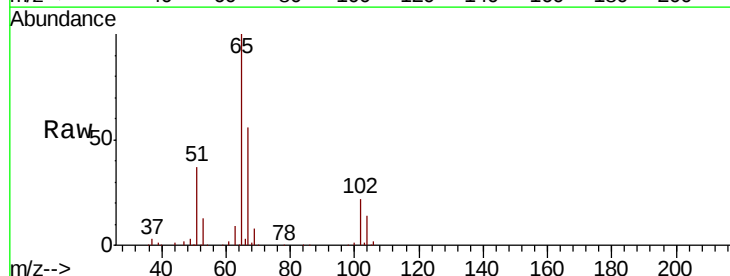


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

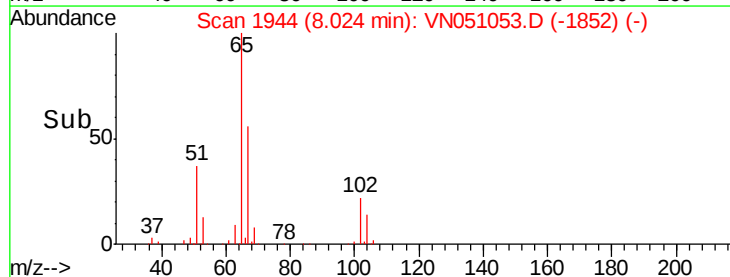
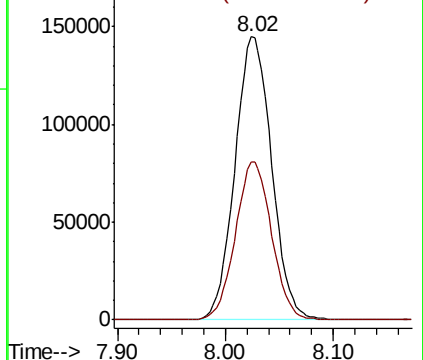


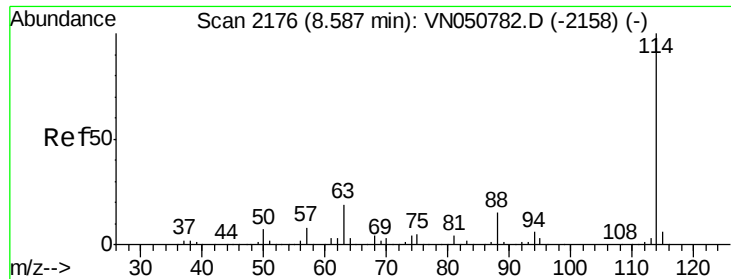
#33
1,2-Dichloroethane-d4
Concen: 49.18 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN051053.D
Acq: 7 Sep 2018 15:01

Tgt Ion: 65 Resp: 343215
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.4



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

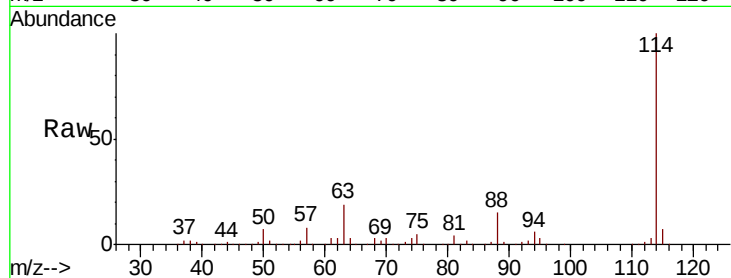




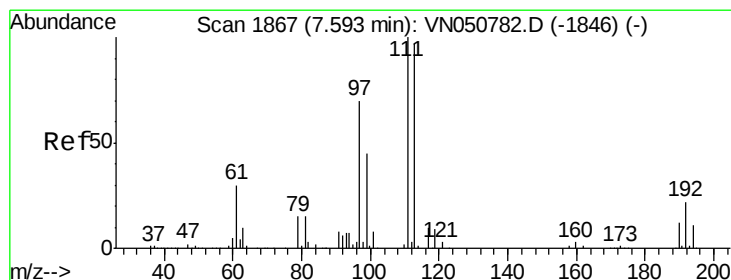
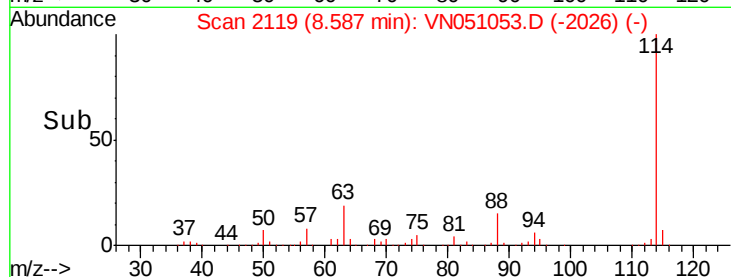
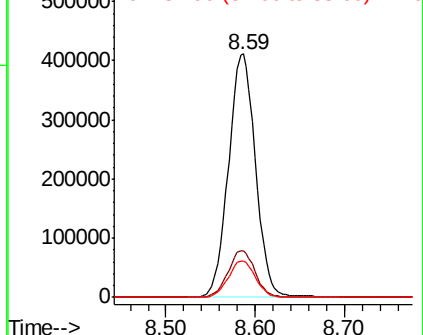
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051053.D
 Acq: 7 Sep 2018 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(20-25)

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	38.6
88	15.0	0.0	30.6

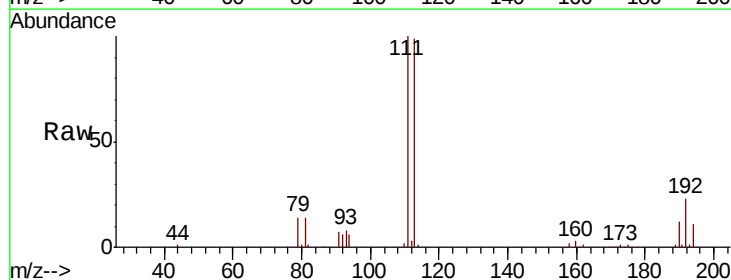


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

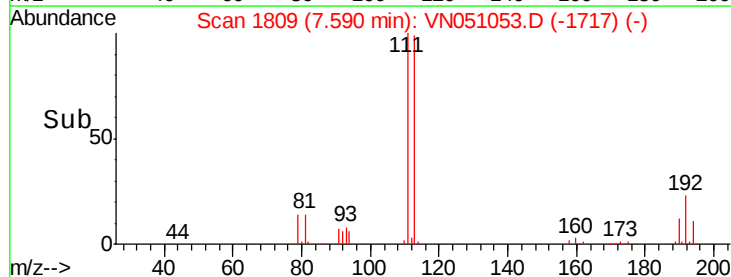
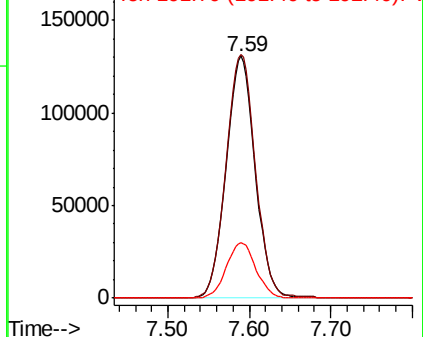


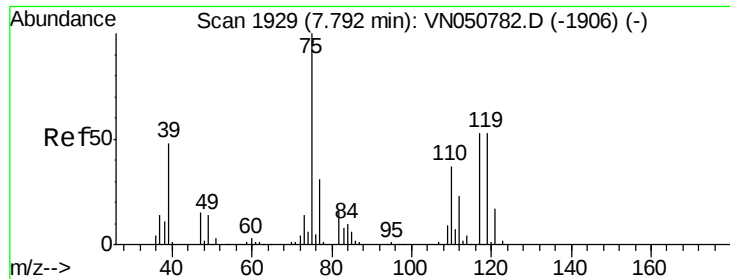
#35
 Dibromofluoromethane
 Concen: 47.62 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051053.D
 Acq: 7 Sep 2018 15:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	123.8
192	23.2	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

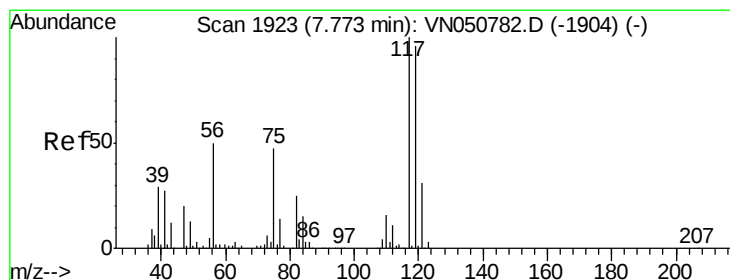
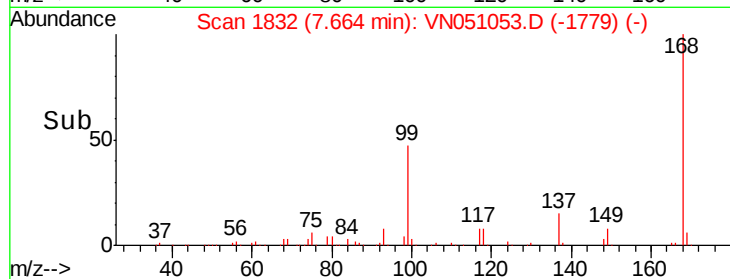
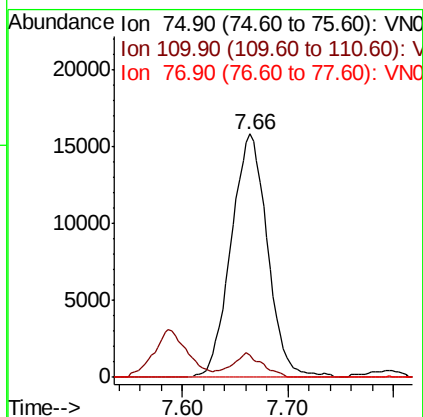
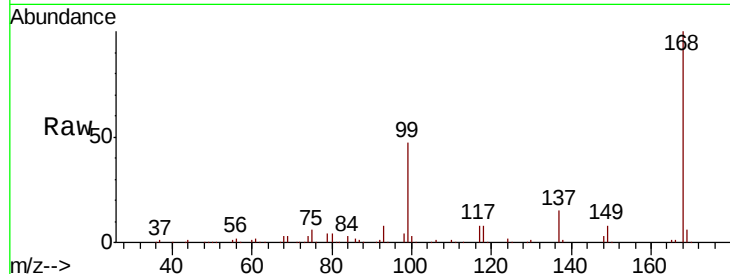




#36
 1,1-Dichloropropene
 Concen: 3.72 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN051053.D
 Acq: 7 Sep 2018 15:01

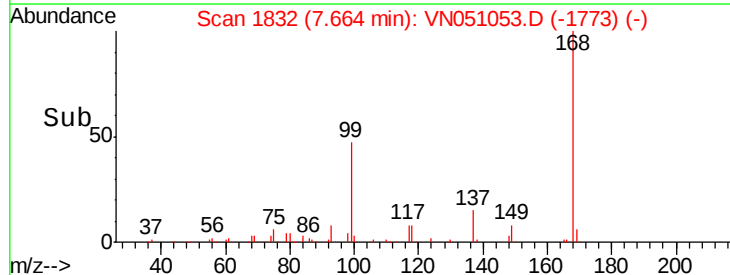
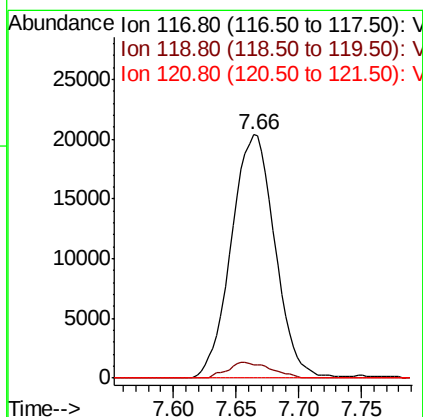
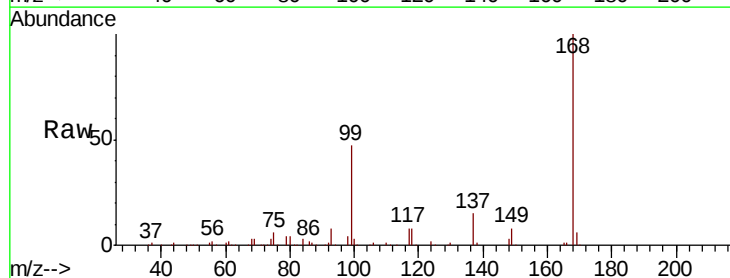
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(20-25)

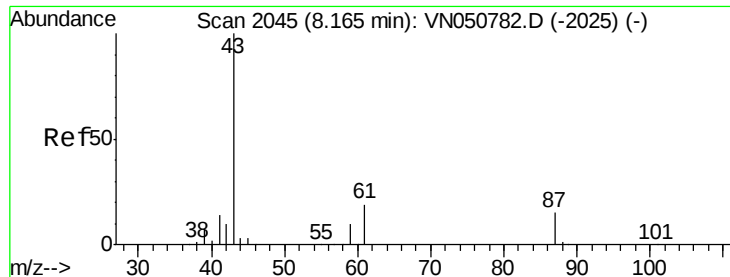
Tot Ion	75	Resp	37871
Ion Ratio	Lower	Upper	
75	100		
110	8.2	18.1	54.4#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 4.79 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN051053.D
 Acq: 7 Sep 2018 15:01

Tgt Ion	117	Resp	49296
Ion Ratio	Lower	Upper	
117	100		
119	5.5	76.3	114.5#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 1.40 ug/l

RT: 8.26 min Scan# 2017

Delta R.T. 0.09 min

Lab File: VN051053.D

Acq: 7 Sep 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(20-25)

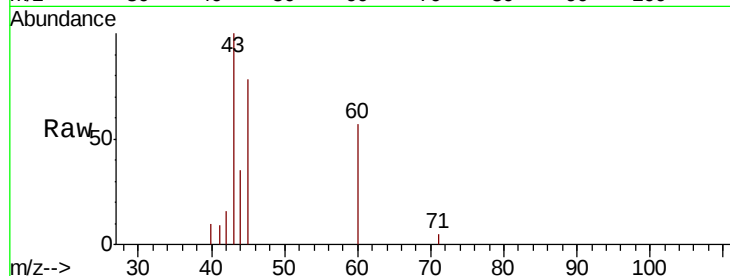
Tot Ion: 43 Resp: 14056

Ion Ratio Lower Upper

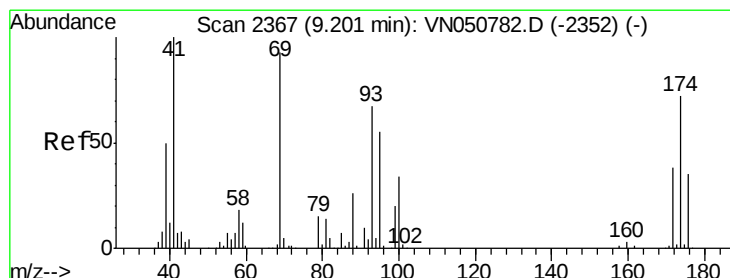
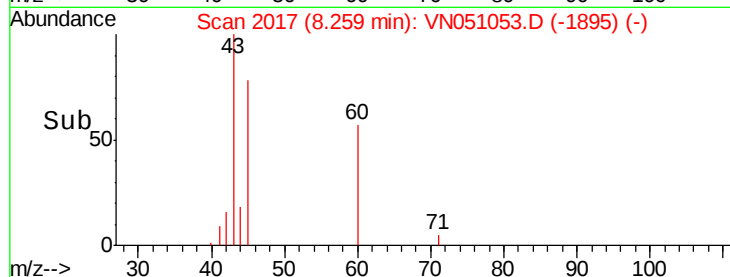
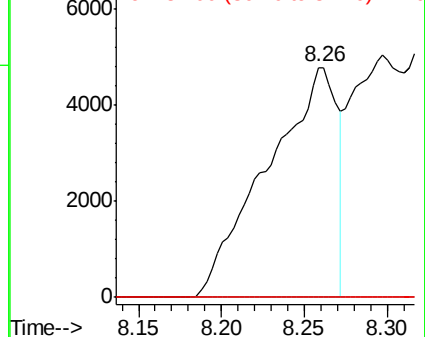
43 100

61 0.0 17.5 26.3#

87 0.0 11.3 16.9#



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



#49

1,4-Dioxane

Concen: 0.43 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN051053.D

Acq: 7 Sep 2018 15:01

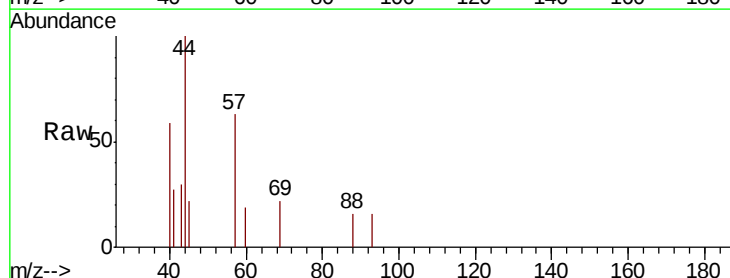
Tgt Ion: 88 Resp: 30

Ion Ratio Lower Upper

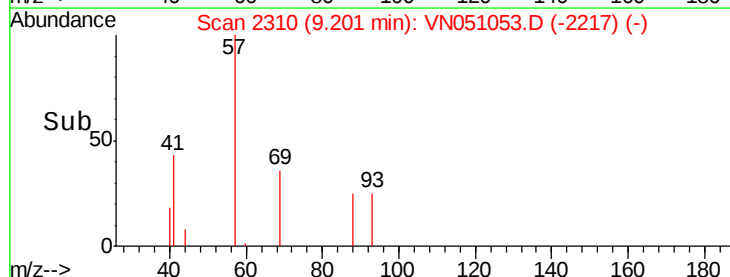
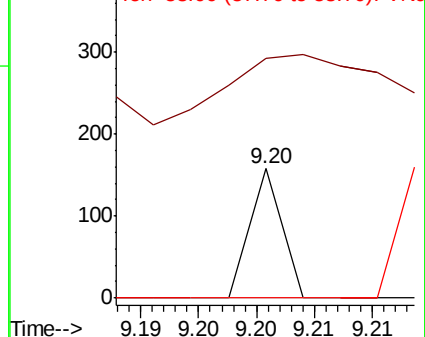
88 100

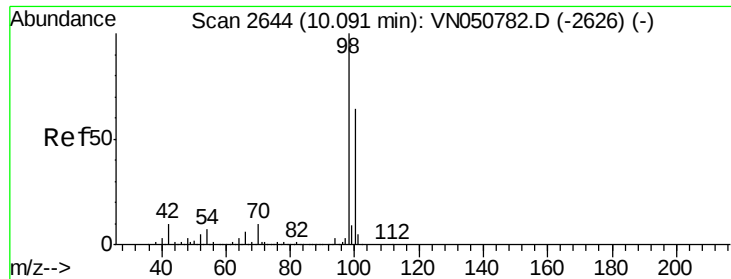
43 1583.3 25.9 38.9#

58 103.3 55.0 82.4#



Abundance Ion 88.00 (87.70 to 88.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO





#50

Toluene-d8

Concen: 47.00 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051053.D

Acq: 7 Sep 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

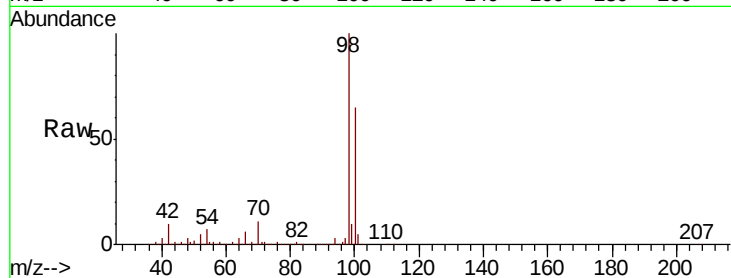
EP1-MW-C(20-25)

Tot Ion: 98 Resp: 1205283

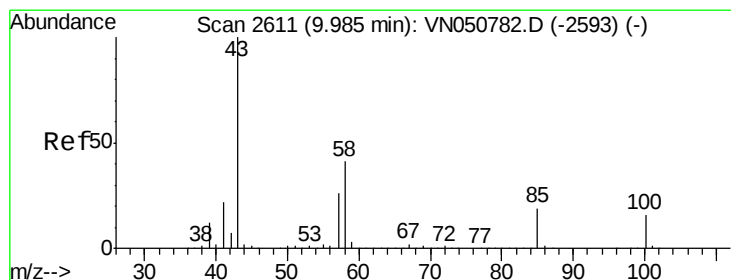
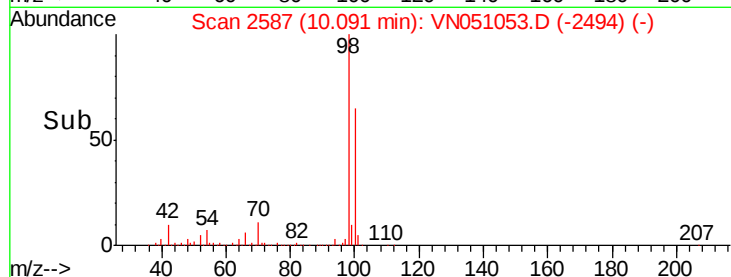
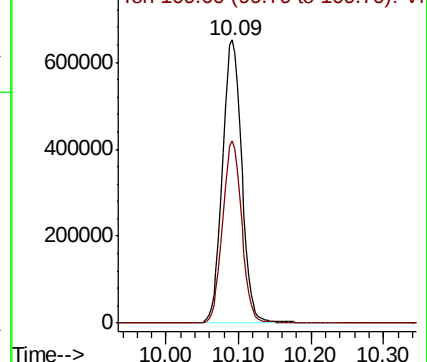
Ion Ratio Lower Upper

98 100

100 63.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN051053.D (-2494) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.31 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN051053.D

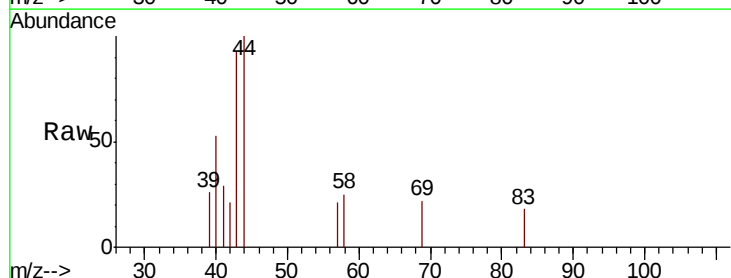
Acq: 7 Sep 2018 15:01

Tgt Ion: 43 Resp: 1858

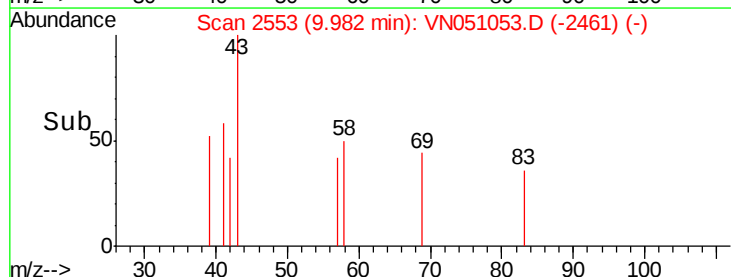
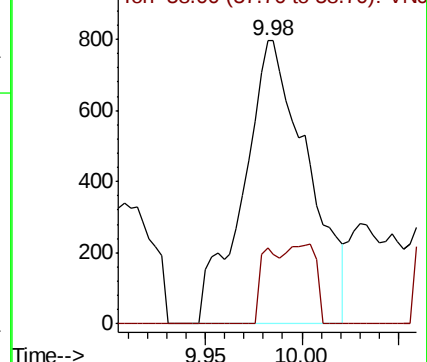
Ion Ratio Lower Upper

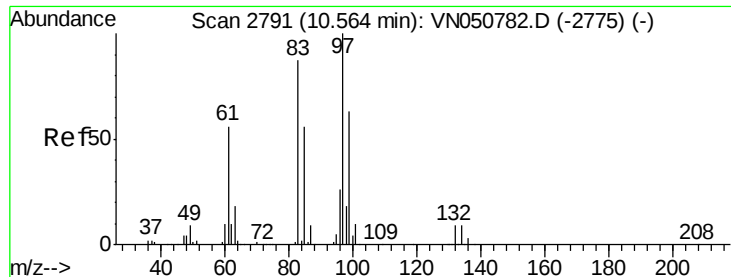
43 100

58 0.0 32.4 48.6#



Abundance Ion 43.00 (42.70 to 43.70): VN051053.D (-2461) (-)





#55

1,1,2-Trichloroethane

Concen: 0.57 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. -0.04 min

Lab File: VN051053.D

Acq: 7 Sep 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(20-25)

Tot Ion: 97 Resp: 3834

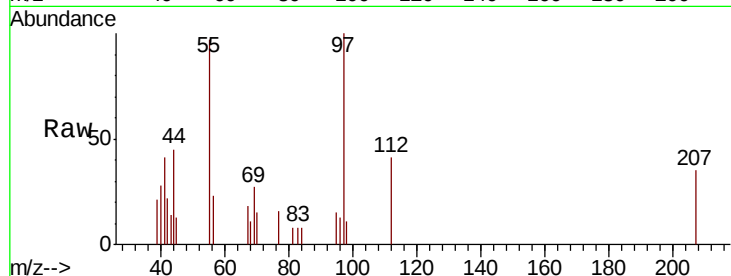
Ion Ratio Lower Upper

97 100

83 8.0 69.7 104.5#

85 0.0 44.5 66.7#

99 0.0 50.7 76.1#

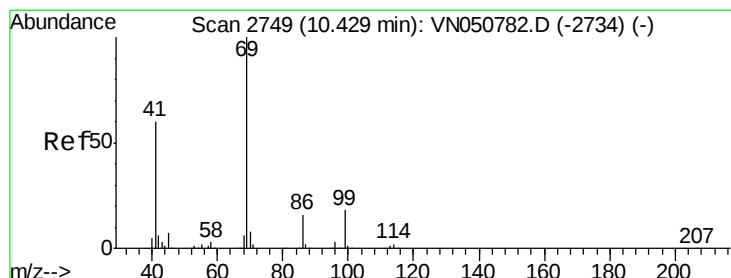
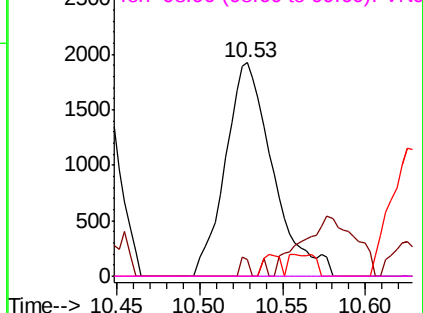
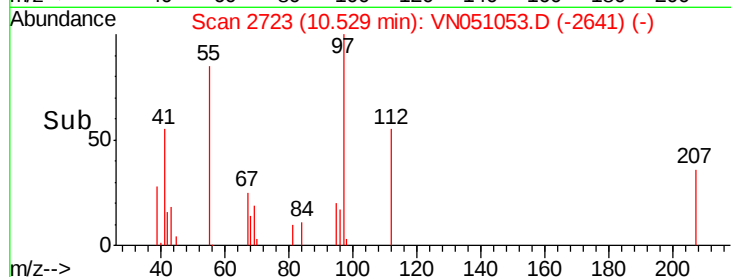


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 2.64 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN051053.D

Acq: 7 Sep 2018 15:01

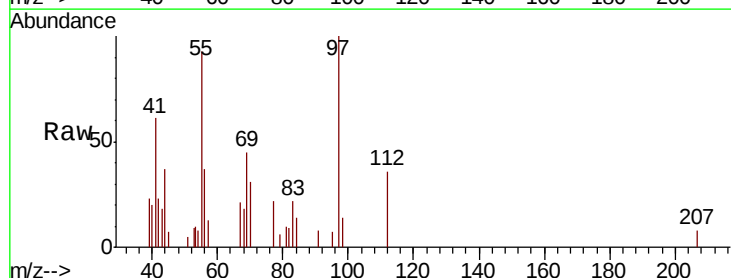
Tgt Ion: 69 Resp: 2663

Ion Ratio Lower Upper

69 100

41 115.4 48.3 72.5#

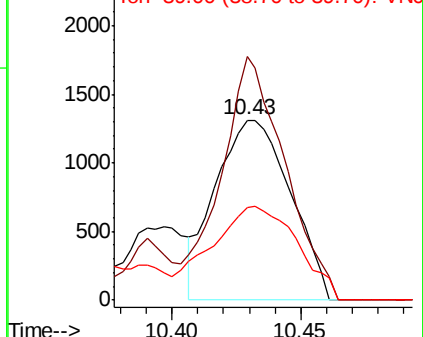
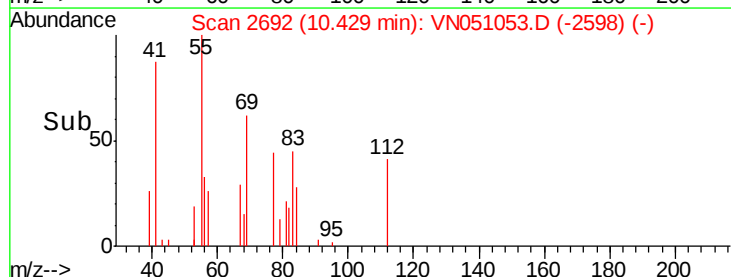
39 60.0 24.0 36.0#

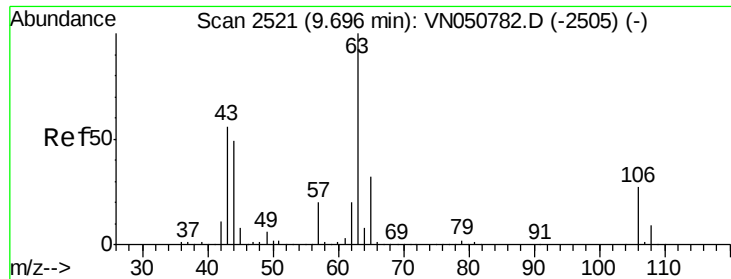


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

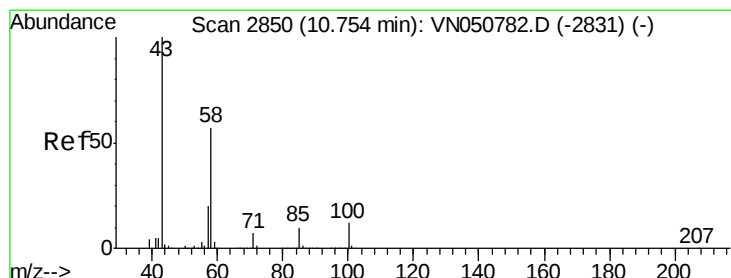
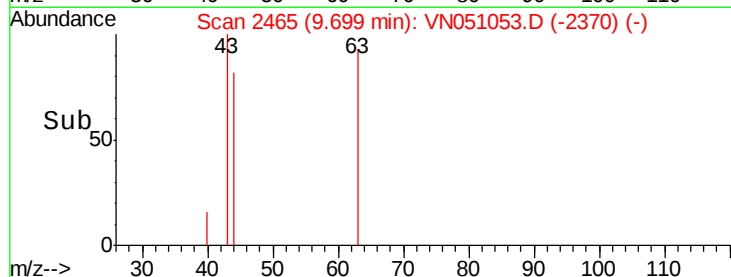
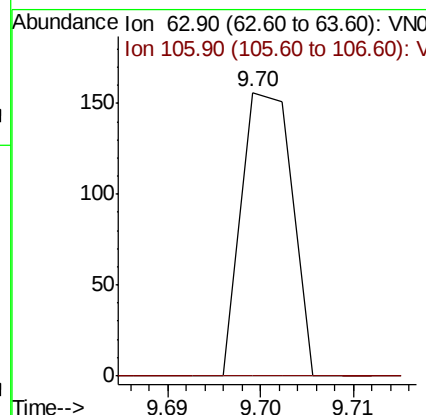
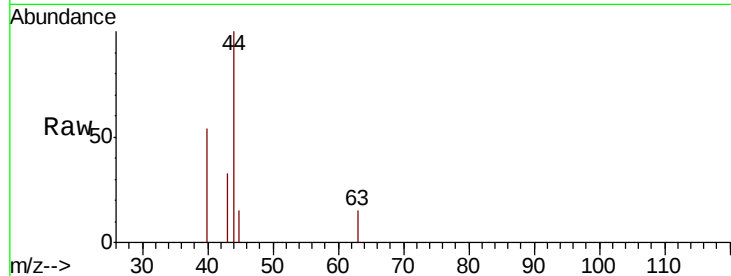




#58
 2-Chloroethyl Vinyl ether
 Concen: 12.24 ug/l
 RT: 9.70 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: VN051053.D
 Acq: 7 Sep 2018 15:01

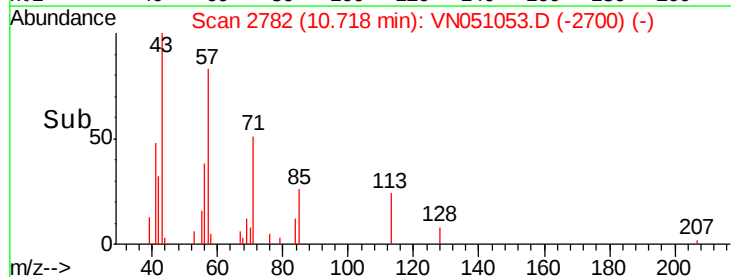
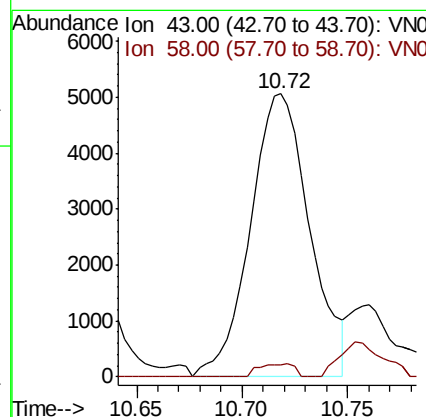
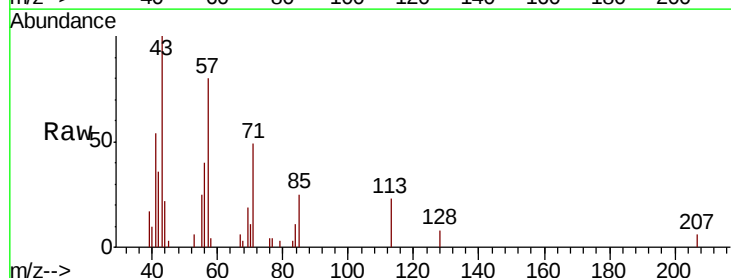
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(20-25)

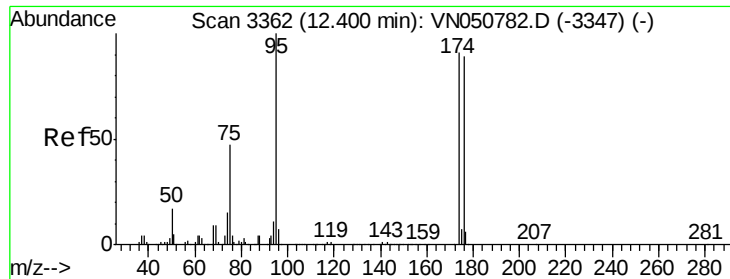
Tot Ion: 63 Resp: 59
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.9 32.9#



#59
 2-Hexanone
 Concen: 2.48 ug/l
 RT: 10.72 min Scan# 2782
 Delta R.T. -0.04 min
 Lab File: VN051053.D
 Acq: 7 Sep 2018 15:01

Tgt Ion: 43 Resp: 9903
 Ion Ratio Lower Upper
 43 100
 58 2.8 28.3 85.0#

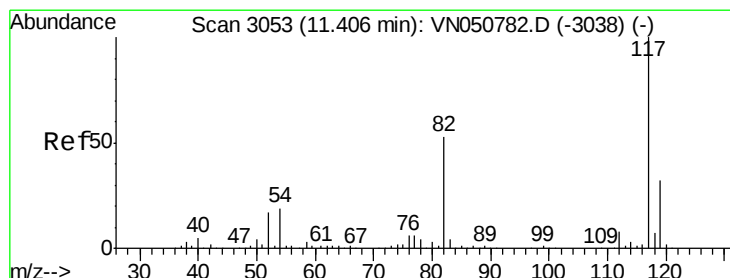
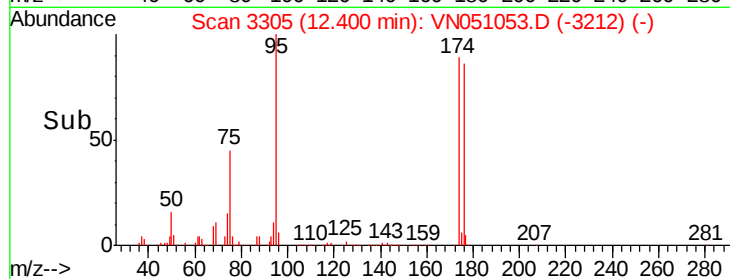
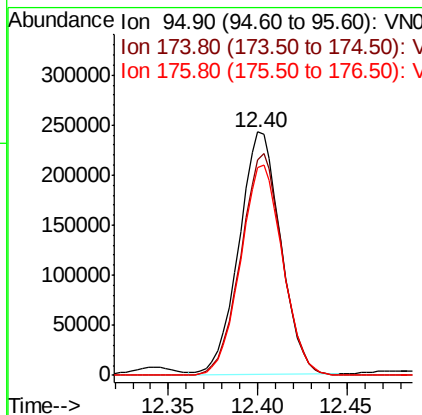
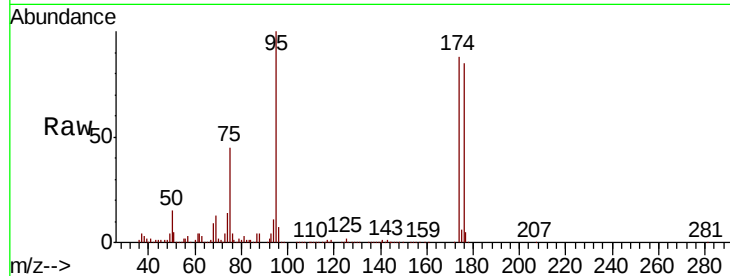




#62
4-Bromofluorobenzene
Concen: 46.32 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051053.D
Acq: 7 Sep 2018 15:01

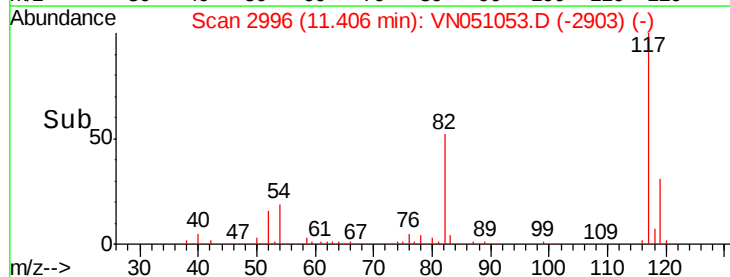
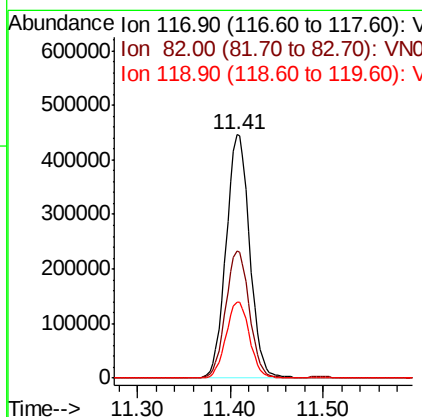
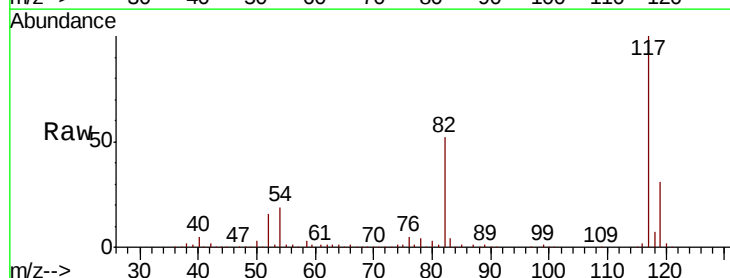
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(20-25)

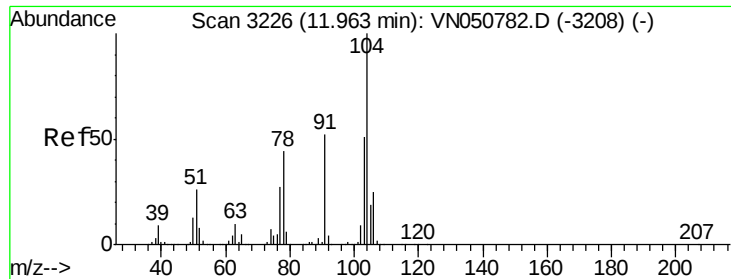
Tot Ion: 95 Resp: 394779
Ion Ratio Lower Upper
95 100
174 91.5 0.0 183.0
176 88.1 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051053.D
Acq: 7 Sep 2018 15:01

Tgt Ion: 117 Resp: 785889
Ion Ratio Lower Upper
117 100
82 52.1 42.6 64.0
119 31.4 25.8 38.6

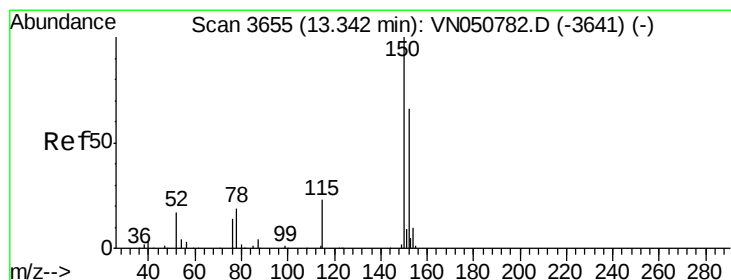
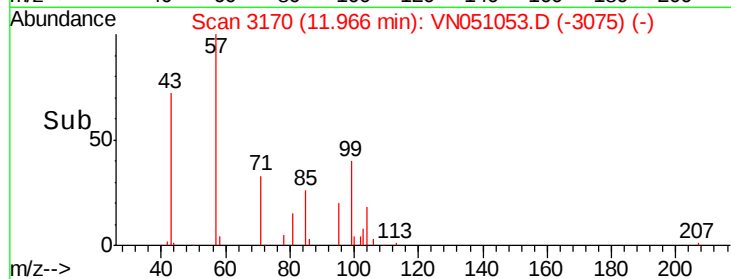
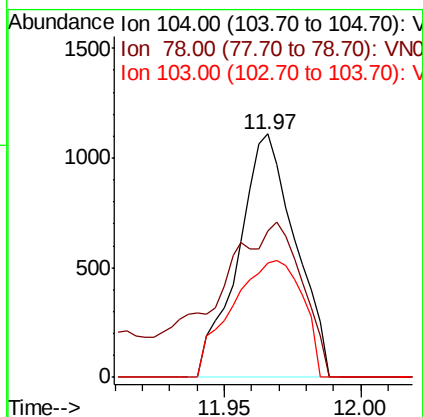
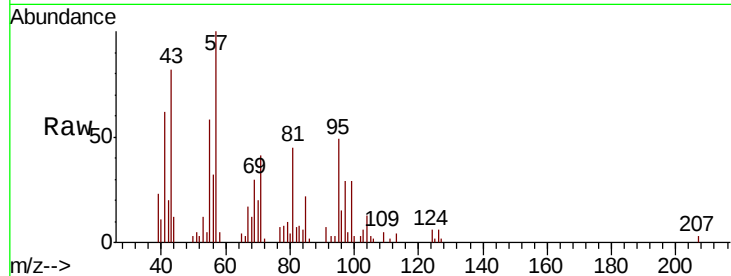




#70
Stvrene
Concen: 1.34 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN051053.D
Acq: 7 Sep 2018 15:01

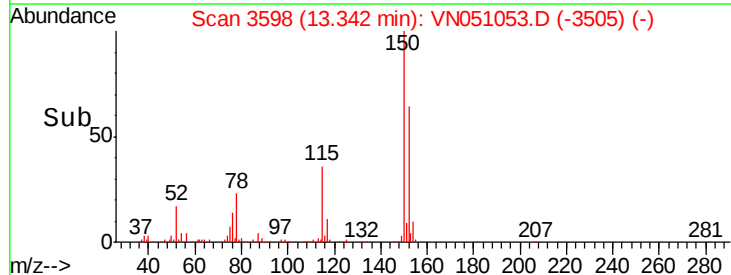
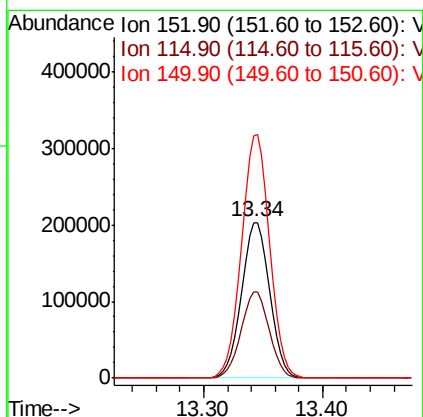
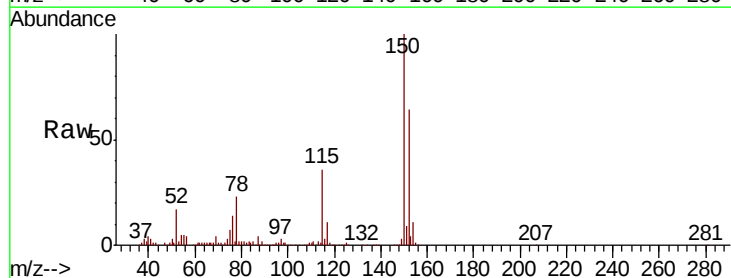
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(20-25)

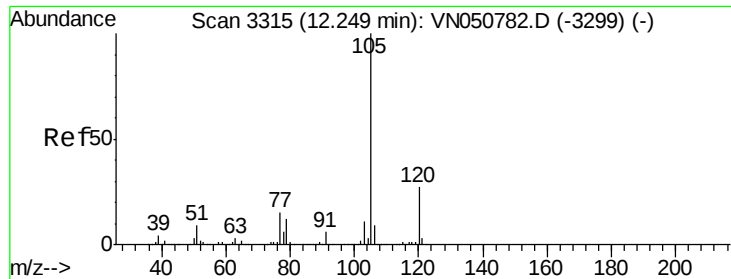
Tot Ion:104 Resp: 1616
Ion Ratio Lower Upper
104 100
78 97.2 38.2 57.4#
103 59.3 44.4 66.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN051053.D
Acq: 7 Sep 2018 15:01

Tgt Ion:152 Resp: 332903
Ion Ratio Lower Upper
152 100
115 55.4 27.8 83.4
150 156.2 0.0 351.4





#73

Isopropylbenzene

Concen: 0.96 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051053.D

Acq: 7 Sep 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

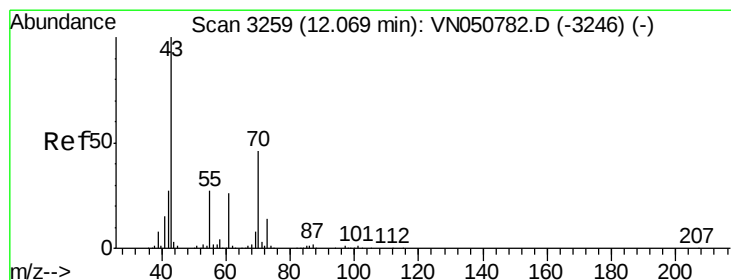
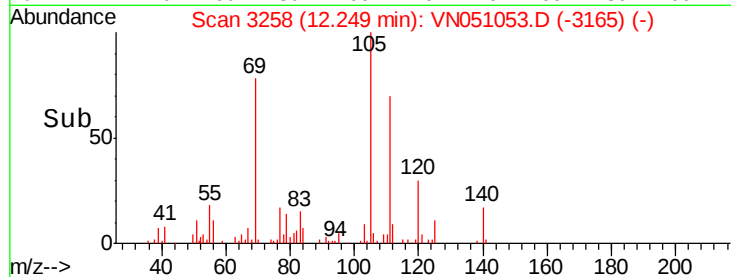
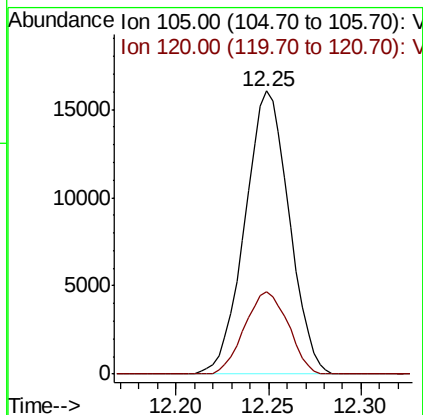
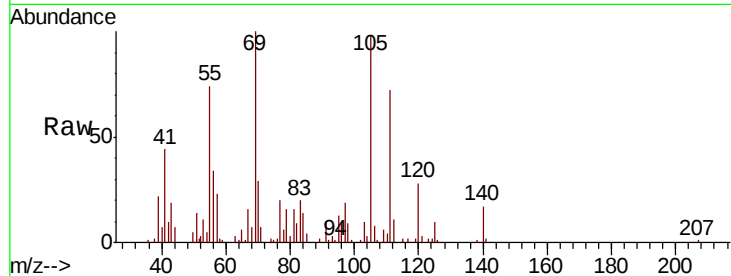
EP1-MW-C(20-25)

Tot Ion:105 Resp: 26560

Ion Ratio Lower Upper

105 100

120 28.6 13.5 40.4



#74

N-ethyl acetate

Concen: 12.95 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN051053.D

Acq: 7 Sep 2018 15:01

Tgt Ion: 43 Resp: 89712

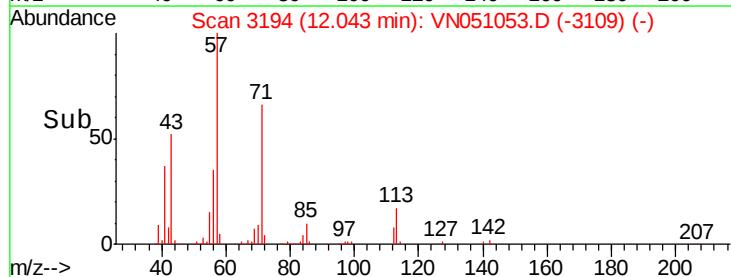
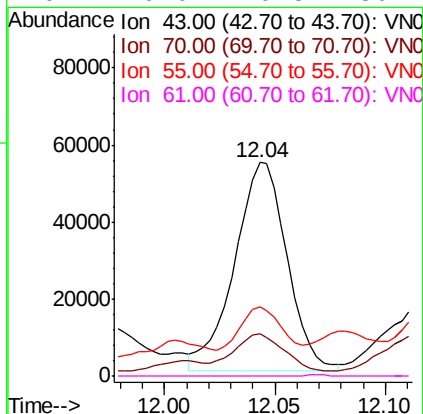
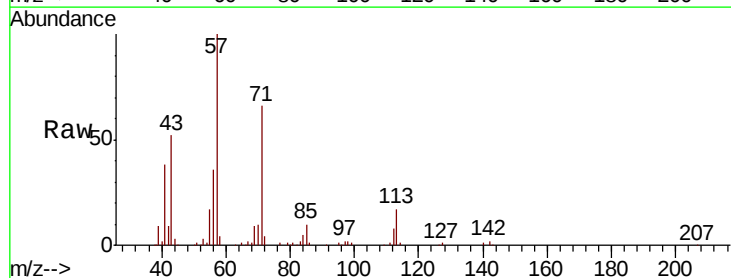
Ion Ratio Lower Upper

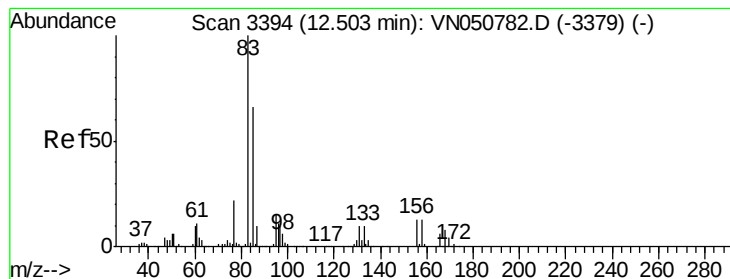
43 100

70 17.9 36.2 54.2#

55 26.9 21.8 32.8

61 0.0 20.5 30.7#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.48 min Scan# 3330

Delta R.T. -0.02 min

Lab File: VN051053.D

Acq: 7 Sep 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(20-25)

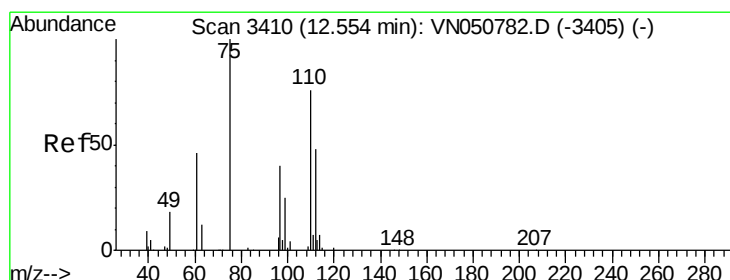
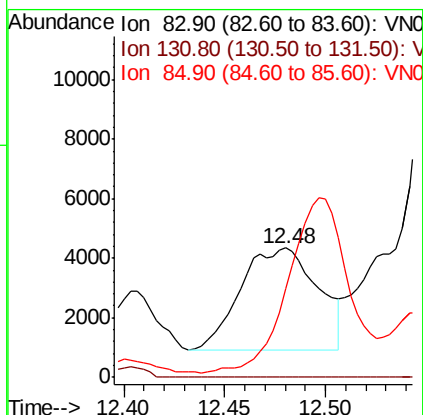
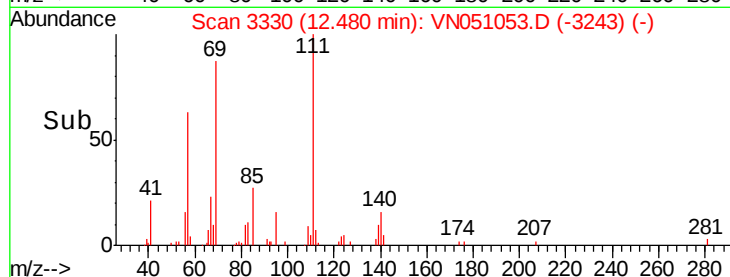
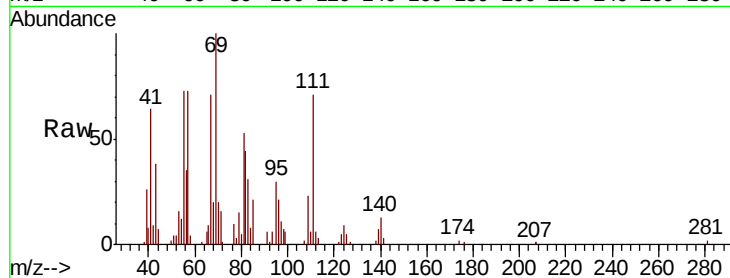
Tot Ion: 83 Resp: 9101

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

85 130.7 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 30.76 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN051053.D

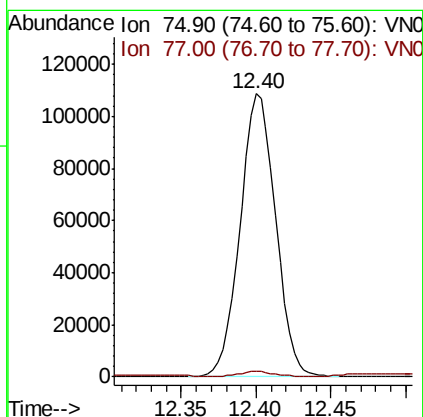
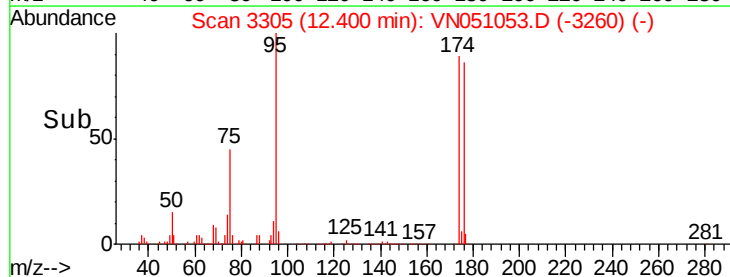
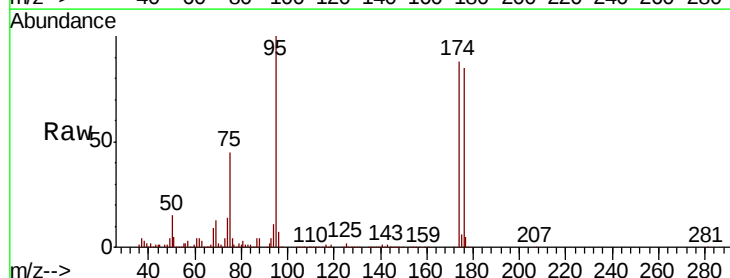
Acq: 7 Sep 2018 15:01

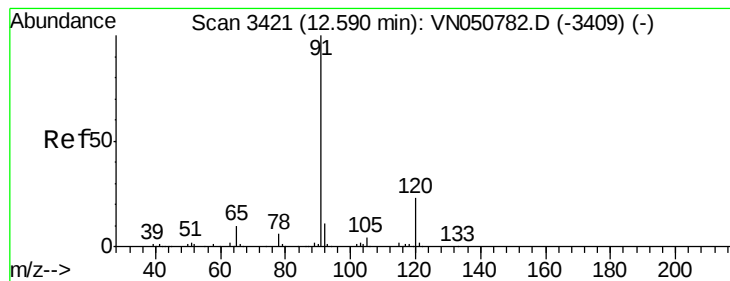
Tgt Ion: 75 Resp: 179372

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#





#78

n-propylbenzene

Concen: 2.06 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN051053.D

Acq: 7 Sep 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

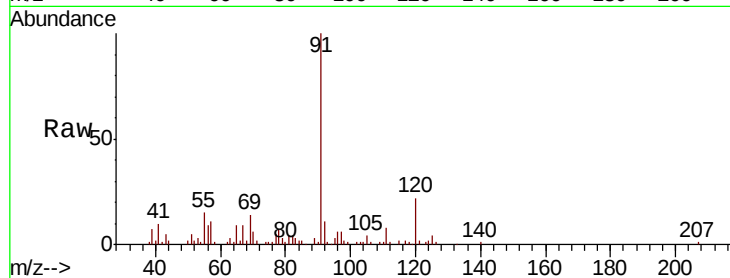
EP1-MW-C(20-25)

Tot Ion: 91 Resp: 63414

Ion Ratio Lower Upper

91 100

120 22.8 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN051053.D (-3364) (-)

Ion 120.00 (119.70 to 120.70): VN051053.D (-3364) (-)

12.59

40000

30000

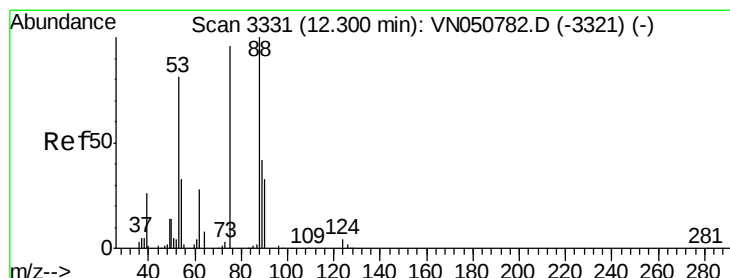
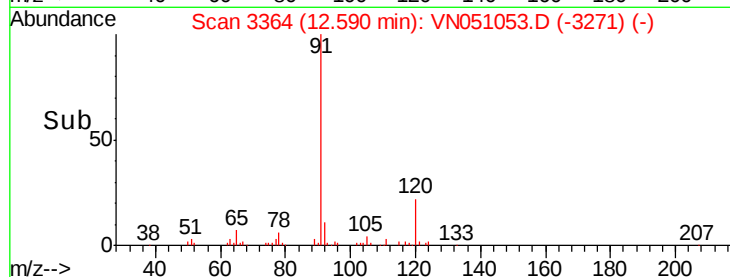
20000

10000

0

Time-->

12.50 12.55 12.60 12.65



#81

trans-1,4-Dichloro-2-butene

Concen: 104.00 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN051053.D

Acq: 7 Sep 2018 15:01

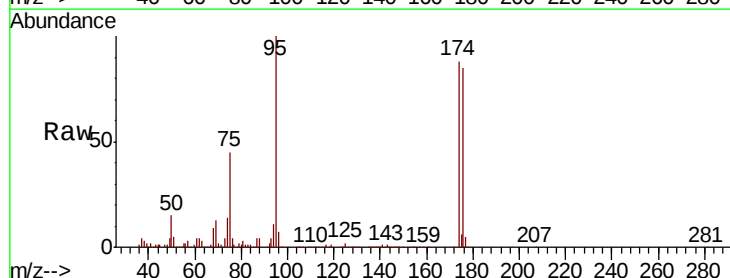
Tgt Ion: 75 Resp: 179372

Ion Ratio Lower Upper

75 100

53 0.9 68.9 103.3#

89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN051053.D (-3305) (-)

Ion 53.00 (52.70 to 53.70): VN051053.D (-3305) (-)

Ion 88.90 (88.60 to 89.60): VN051053.D (-3305) (-)

12.40

150000

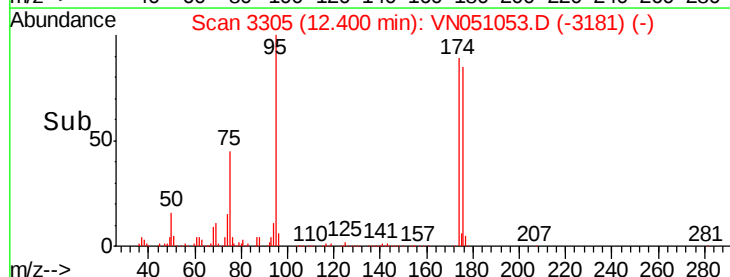
100000

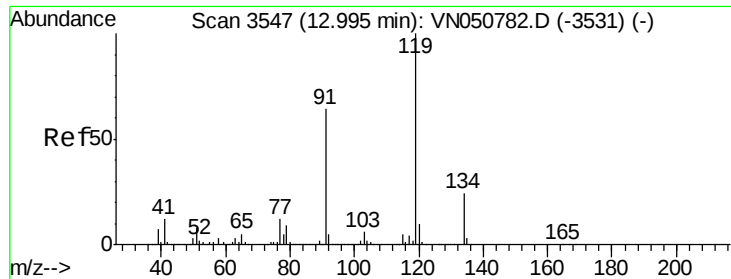
50000

0

Time-->

12.35 12.40 12.45

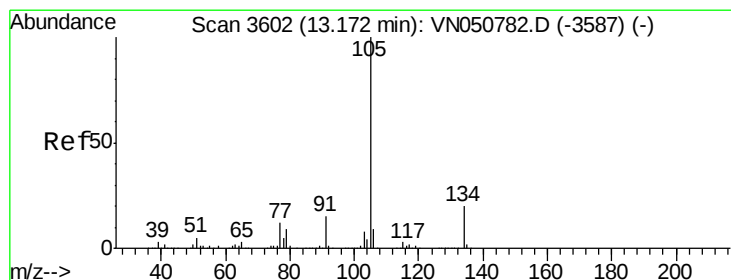
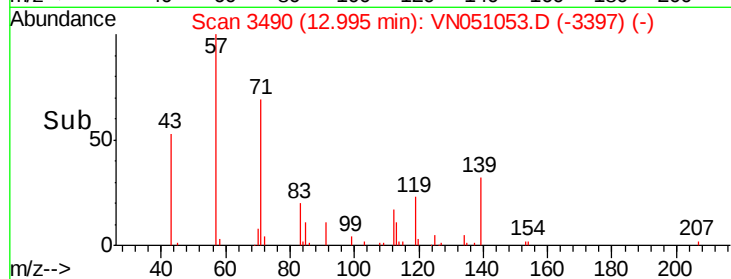
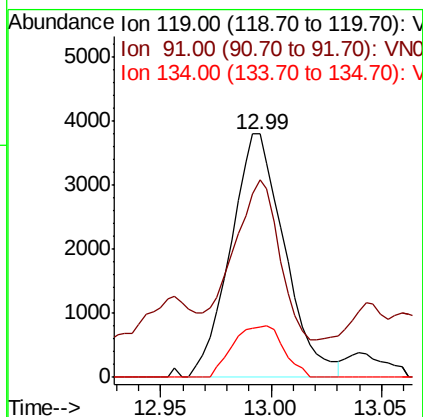
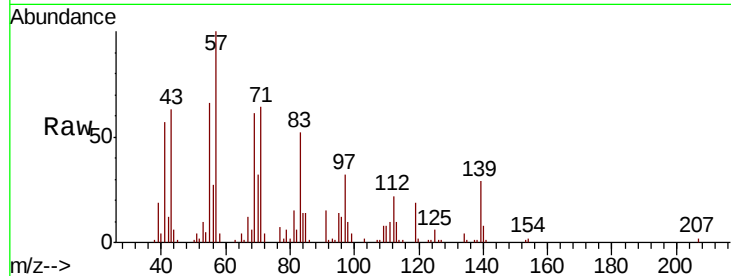




#83
tert-Butylbenzene
Concen: 0.34 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051053.D
Acq: 7 Sep 2018 15:01

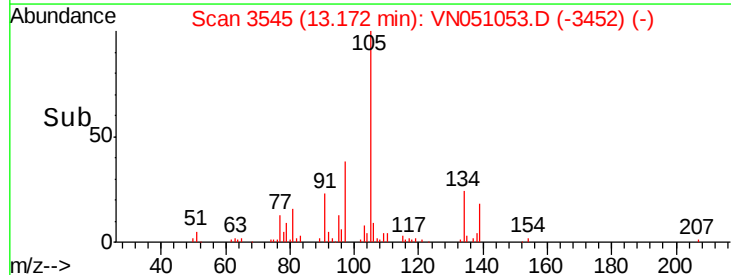
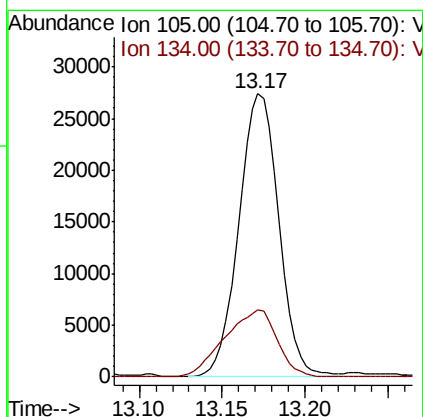
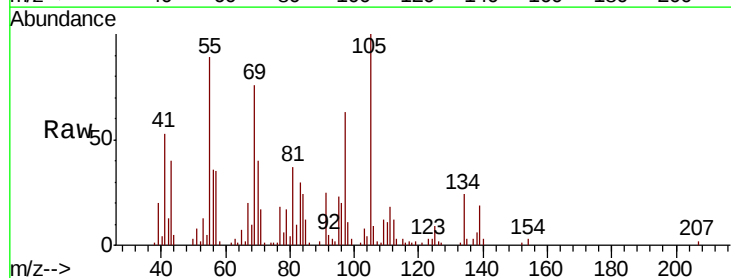
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(20-25)

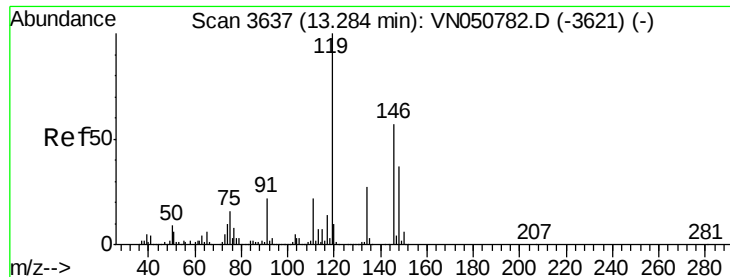
Tot Ion:119 Resp: 6481
Ion Ratio Lower Upper
119 100
91 55.6 31.6 94.7
134 19.8 13.4 40.1



#85
sec-Butylbenzene
Concen: 1.82 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN051053.D
Acq: 7 Sep 2018 15:01

Tgt Ion:105 Resp: 46055
Ion Ratio Lower Upper
105 100
134 30.9 10.3 30.8#

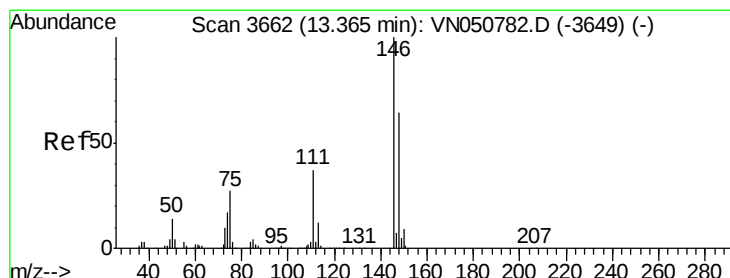
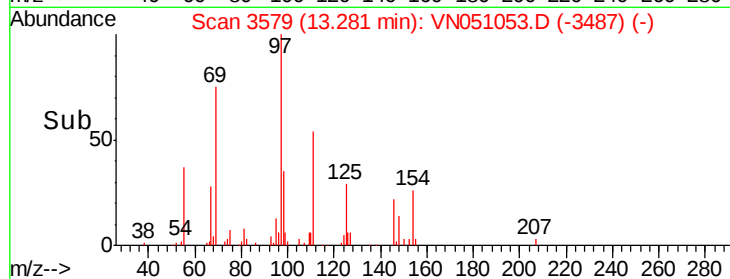
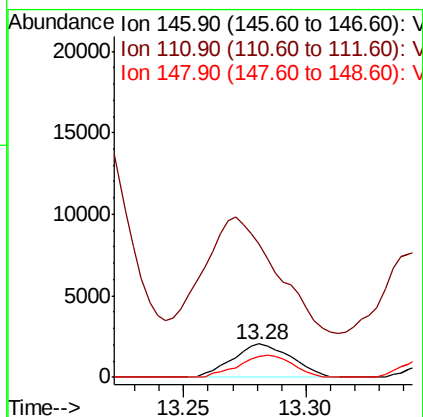
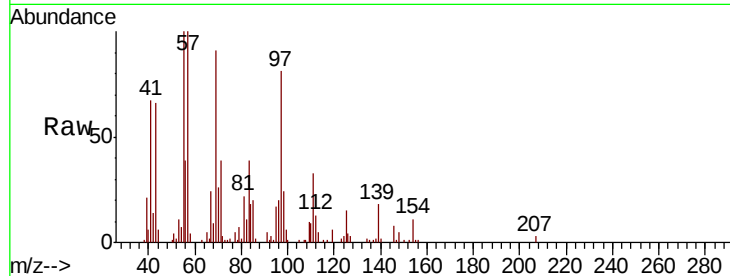




#87
 1,3-Dichlorobenzene
 Concen: 0.27 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN051053.D
 Acq: 7 Sep 2018 15:01

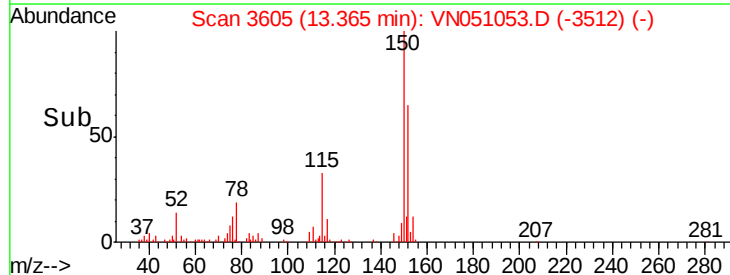
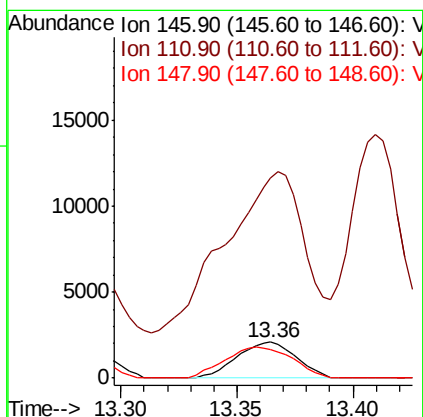
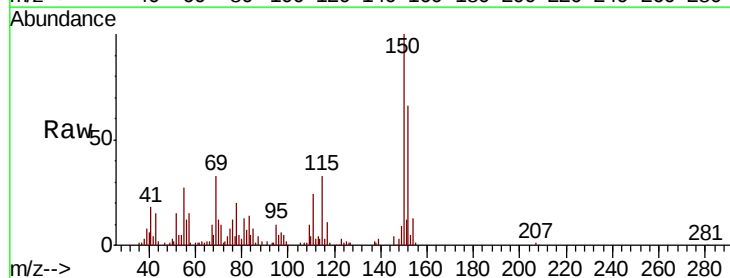
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(20-25)

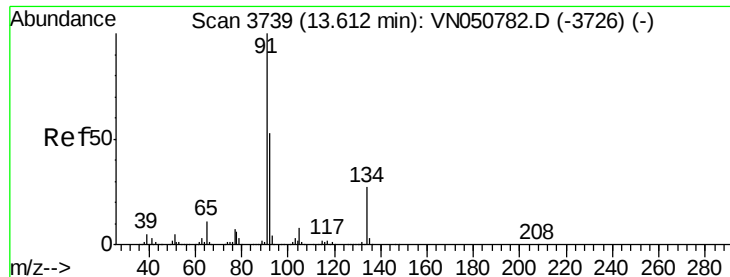
Tot Ion:146 Resp: 3430
 Ion Ratio Lower Upper
 146 100
 111 426.0 19.1 57.3#
 148 60.2 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 0.30 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN051053.D
 Acq: 7 Sep 2018 15:01

Tgt Ion:146 Resp: 3697
 Ion Ratio Lower Upper
 146 100
 111 600.0 18.8 56.3#
 148 98.4 32.2 96.6#





#89

n-Butylbenzene

Concen: 1.08 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN051053.D

Acq: 7 Sep 2018 15:01

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-C(20-25)

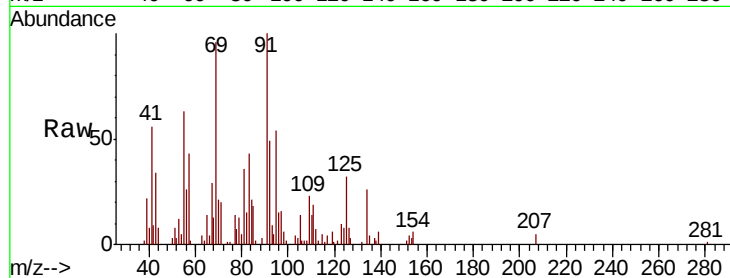
Tot Ion: 91 Resp: 18589

Ion Ratio Lower Upper

91 100

92 57.9 26.1 78.2

134 45.1 13.2 39.6#

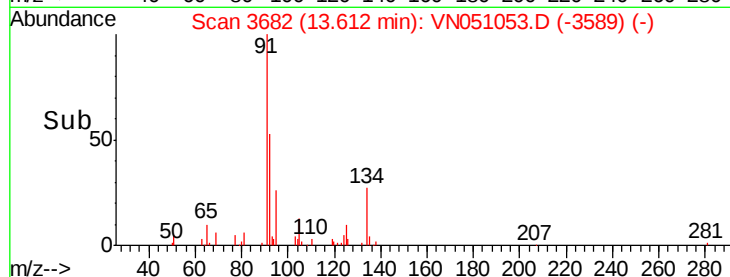


Abundance Ion 91.00 (90.70 to 91.70): VN051053.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN051053.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN051053.D (-3682) (-)

Time-->

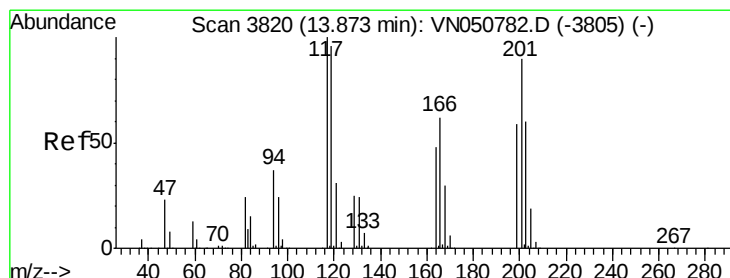


Abundance Ion 91.00 (90.70 to 91.70): VN051053.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN051053.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN051053.D (-3682) (-)

Time-->



#90

Hexachloroethane

Concen: 2.77 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN051053.D

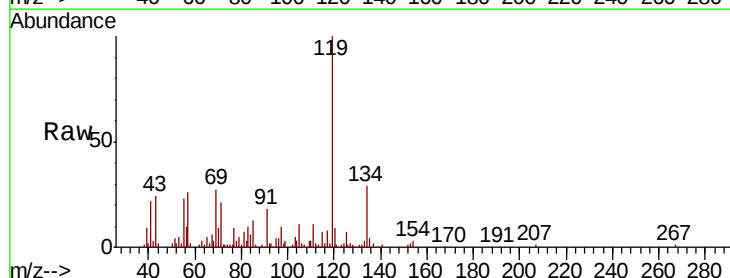
Acq: 7 Sep 2018 15:01

Tgt Ion: 117 Resp: 10635

Ion Ratio Lower Upper

117 100

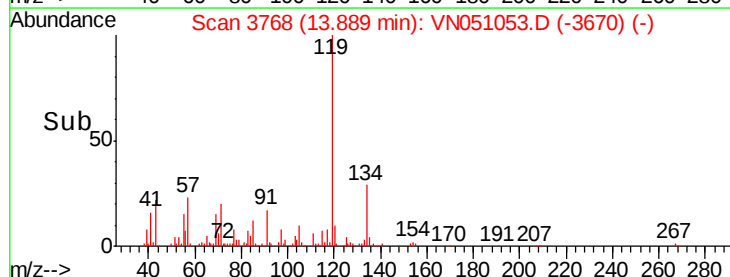
201 0.0 46.0 137.8#



Abundance Ion 116.80 (116.50 to 117.50): VN051053.D (-3768) (-)

Ion 200.70 (200.40 to 201.40): VN051053.D (-3768) (-)

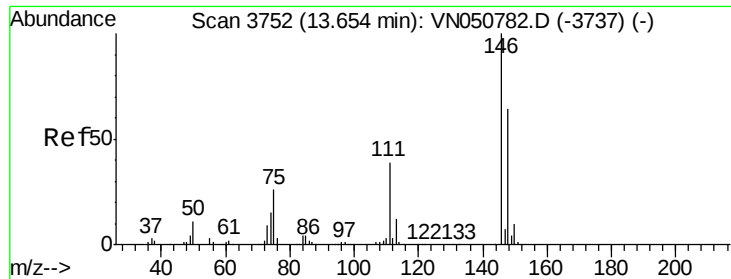
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN051053.D (-3768) (-)

Ion 200.70 (200.40 to 201.40): VN051053.D (-3768) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.24 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN051053.D

Acq: 7 Sep 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(20-25)

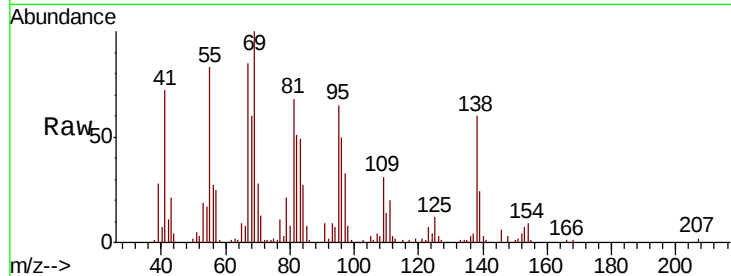
Tot Ion:146 Resp: 2896

Ion Ratio Lower Upper

146 100

111 285.0 19.8 59.3#

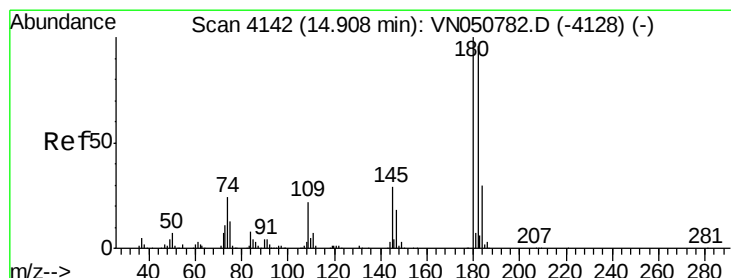
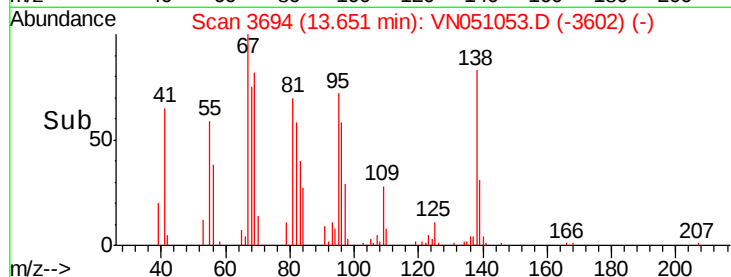
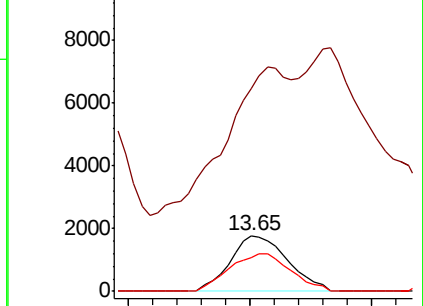
148 72.3 32.3 96.8



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



#93

1,2,4-Trichlorobenzene

Concen: 4.83 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN051053.D

Acq: 7 Sep 2018 15:01

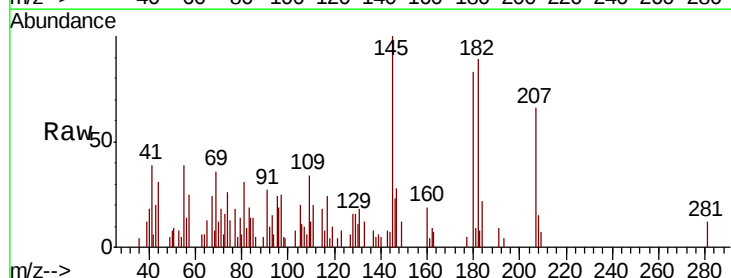
Tgt Ion:180 Resp: 5168

Ion Ratio Lower Upper

180 100

182 97.1 48.2 144.6

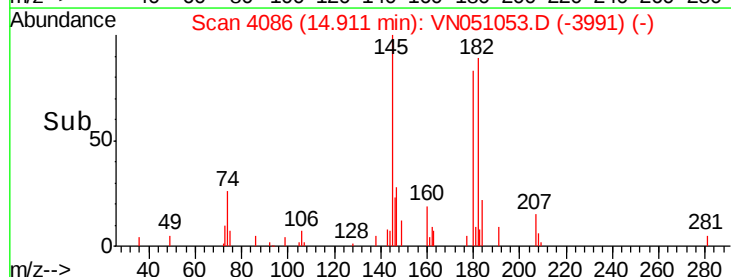
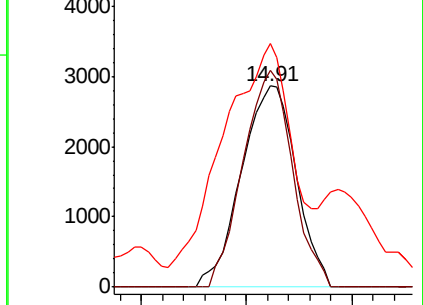
145 136.2 14.1 42.2#

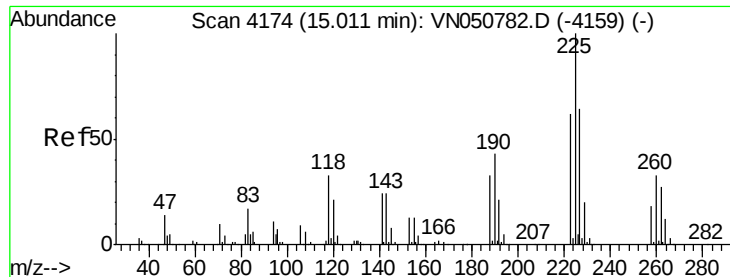


Abundance Ion 179.80 (179.50 to 180.50): V

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# 4117

Delta R.T. 0.00 min

Lab File: VN051053.D

Acq: 7 Sep 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(20-25)

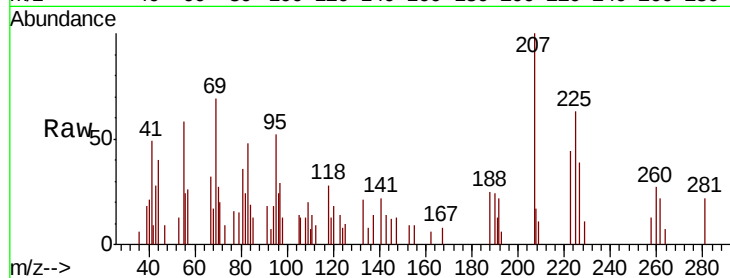
Tot Ion:225 Resp: 2736

Ion Ratio Lower Upper

225 100

223 62.4 31.3 93.8

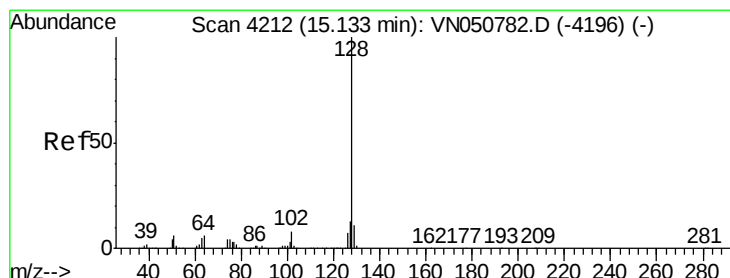
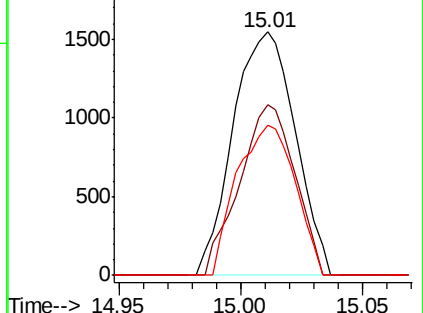
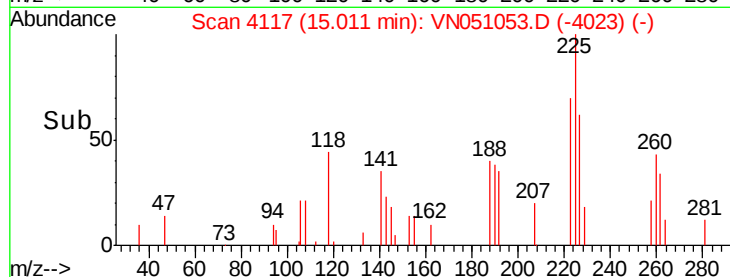
227 58.0 32.0 96.2



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: 6.23 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051053.D

Acq: 7 Sep 2018 15:01

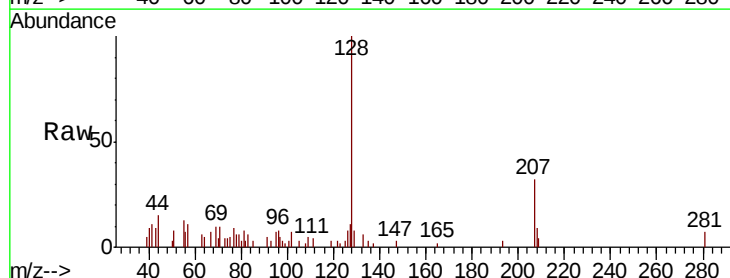
Tgt Ion:128 Resp: 12374

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

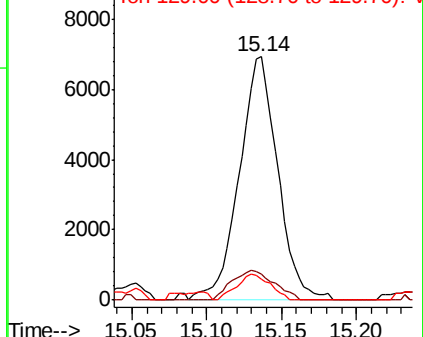
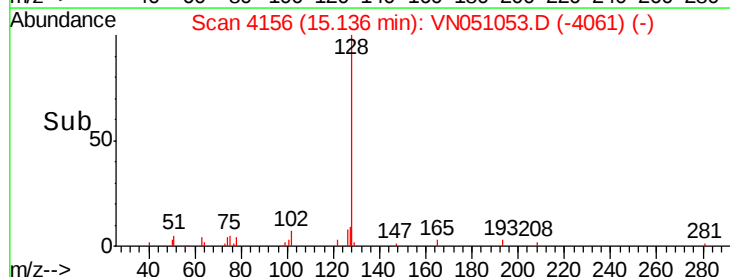
129 9.3 8.7 13.1

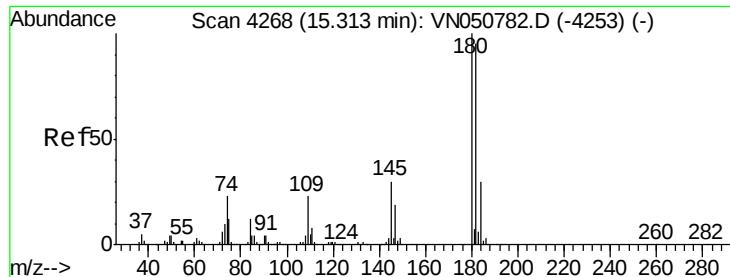


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 4.10 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051053.D

Acq: 7 Sep 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(20-25)

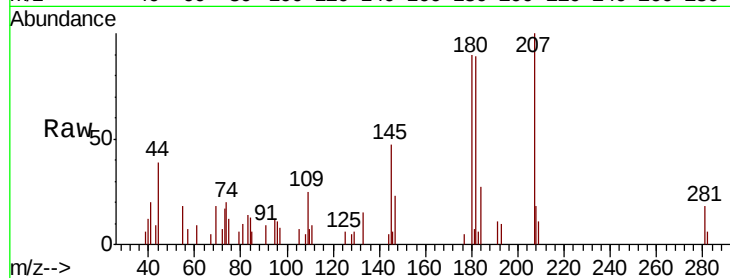
Tot Ion:180 Resp: 5149

Ion Ratio Lower Upper

180 100

182 93.8 48.0 144.2

145 56.6 15.2 45.6#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

