

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051125.D
 Acq On : 11 Sep 2018 14:23
 Operator : MD\SY
 Sample : J4849-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-FD

Quant Time: Sep 12 01:04:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	699006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1042058	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	942629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	444563	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	389428	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
35) Dibromofluoromethane	7.59	113	383917	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	10.09	98	1476472	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
62) 4-Bromofluorobenzene	12.40	95	502789	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	7397	0.31	ug/l	99
5) Bromomethane	2.57	94	1912	Below	Cal	95
10) Methyl Iodide	3.95	142	725	5.72	ug/l #	44
11) Tert butyl alcohol	4.80	59	13338	22.45	ug/l #	88
16) Acetone	3.83	43	13674	1.30	ug/l	98
17) Carbon Disulfide	4.05	76	8482	0.50	ug/l	97
18) Methyl Acetate	4.33	43	1435	0.23	ug/l #	70
20) Methylene Chloride	4.56	84	2266	0.26	ug/l #	83
25) 2-Butanone	6.85	43	9742	3.19	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	2305	0.26	ug/l	59
30) Chloroform	7.37	83	10779	0.76	ug/l	100
31) Cyclohexane	7.66	56	53337	3.97	ug/l #	71
36) 1,1-Dichloropropene	7.67	75	43372	3.79	ug/l #	51
37) Ethyl Acetate	6.85	43	9742	1.47	ug/l #	66
38) Carbon Tetrachloride	7.67	117	60395	5.36	ug/l #	17
39) Methylcyclohexane	9.08	83	115961	9.19	ug/l	96
44) Trichloroethene	8.83	130	3219	0.34	ug/l	80
48) Methyl methacrylate	9.27	41	2868	0.50	ug/l #	70
51) 4-Methyl-2-Pentanone	9.99	43	2718	0.42	ug/l	93
55) 1,1,2-Trichloroethane	10.53	97	36020	4.72	ug/l #	19
56) Ethyl methacrylate	10.43	69	20393	4.35	ug/l #	44
59) 2-Hexanone	10.72	43	18380	4.19	ug/l #	26
60) Dibromochloromethane	10.63	129	7407	0.86	ug/l #	11
64) Tetrachloroethene	10.63	164	8144	0.95	ug/l	90
67) Ethyl Benzene	11.51	91	423822	11.01	ug/l	99
68) m/p-Xylenes	11.63	106	2121083	143.46	ug/l	99
69) o-Xylene	11.95	106	26559	1.86	ug/l	91
73) Isopropylbenzene	12.25	105	7954874	213.37	ug/l	100
74) N-amyl acetate	12.05	43	99212	10.57	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.40	83	6613	Below	Cal	66
76) 1,2,3-Trichloropropane	12.59	75	89615	11.87	ug/l #	100
78) n-propylbenzene	12.59	91	15691510	382.91	ug/l	96
79) 2-Chlorotoluene	12.69	91	659148	25.73	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	3072341	101.93	ug/l	100

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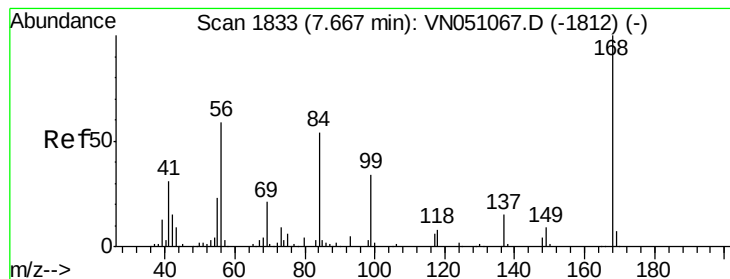
Instrument :
 MSVOA_N
 ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

81) trans-1,4-Dichloro-2-buten	12.25	75	80257	34.29	ug/l #	52
82) 4-Chlorotoluene	12.69	91	659148	25.92	ug/l #	40
83) tert-Butylbenzene	12.99	119	600209	22.56	ug/l	97
84) 1,2,4-Trimethylbenzene	13.17	105	2770671	93.49	ug/l #	30
85) sec-Butylbenzene	13.17	105	2770671	81.19	ug/l #	76
86) p-Isopropyltoluene	13.29	119	904767	31.27	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	6432	0.42	ug/l #	1
89) n-Butylbenzene	13.62	91	1484766	65.93	ug/l #	74
90) Hexachloroethane	13.89	117	450375	85.93	ug/l #	2
91) 1,2-Dichlorobenzene	13.66	146	5818	0.35	ug/l #	20
92) 1,2-Dibromo-3-Chloropropan	14.25	75	7699	6.62	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.90	180	302	4.02	ug/l #	56
95) Naphthalene	15.13	128	243086	18.33	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	343	2.99	ug/l #	73

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051125.D

Acq: 11 Sep 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

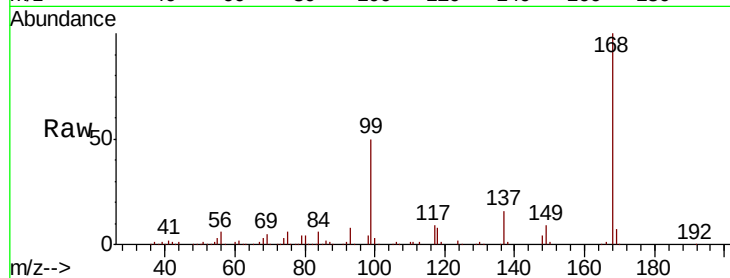
EP1-MW-FD

Tot Ion:168 Resp: 699006

Ion Ratio Lower Upper

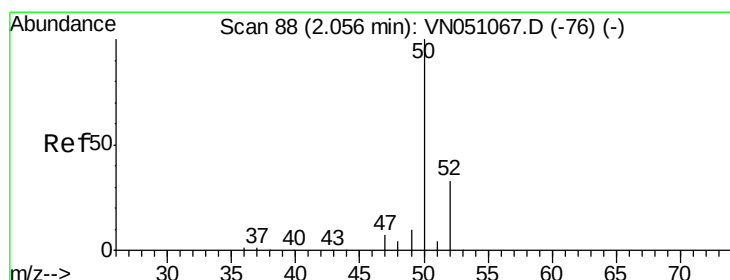
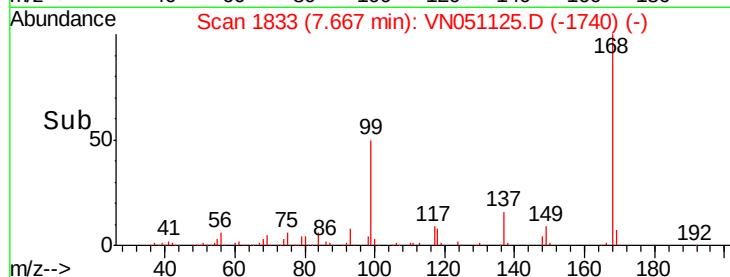
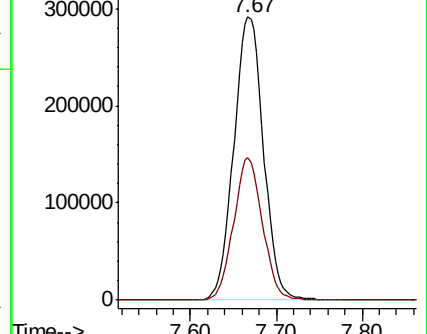
168 100

99 50.2 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: 0.31 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051125.D

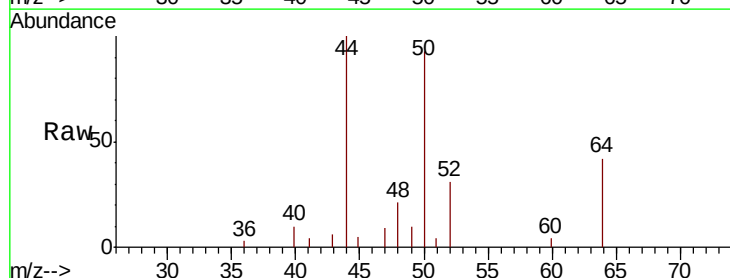
Acq: 11 Sep 2018 14:23

Tgt Ion: 50 Resp: 7397

Ion Ratio Lower Upper

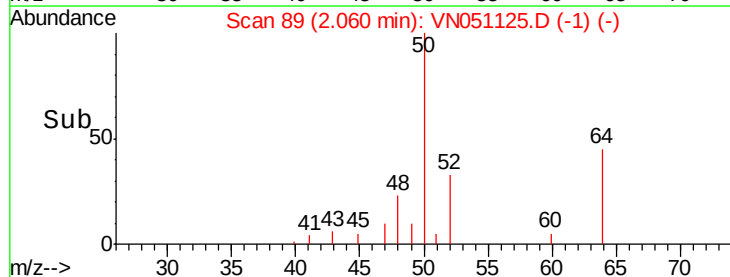
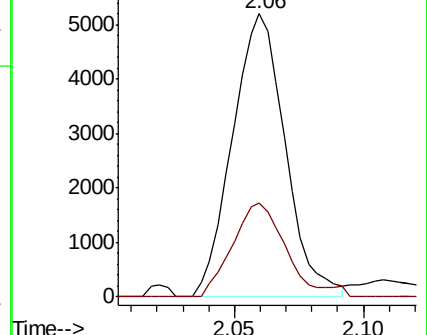
50 100

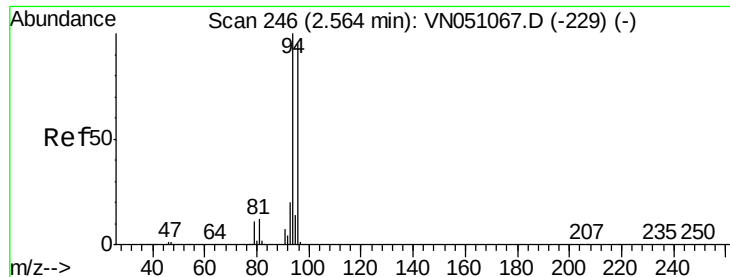
52 33.1 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051125.D

Acq: 11 Sep 2018 14:23

Instrument :

MSVOA_N

ClientSampled :

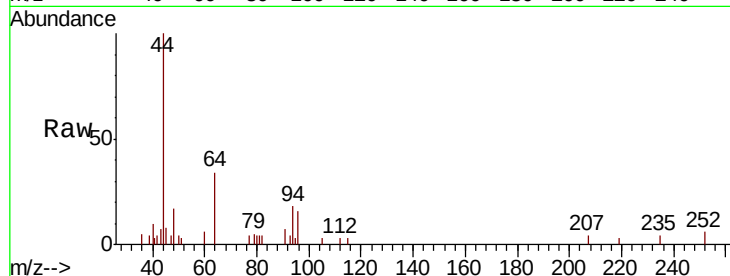
EP1-MW-FD

Tot Ion: 94 Resp: 1912

Ion Ratio Lower Upper

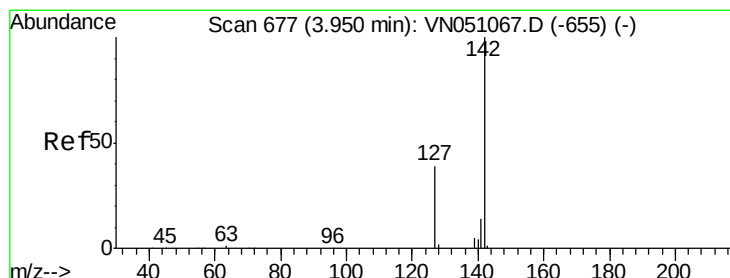
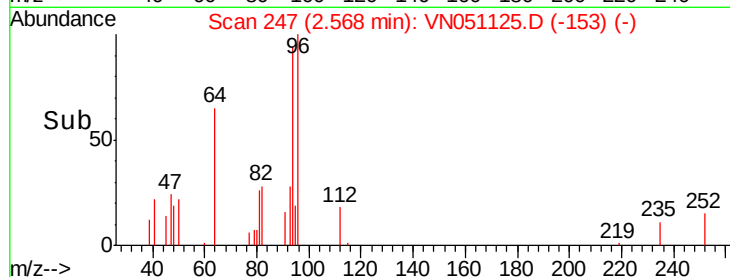
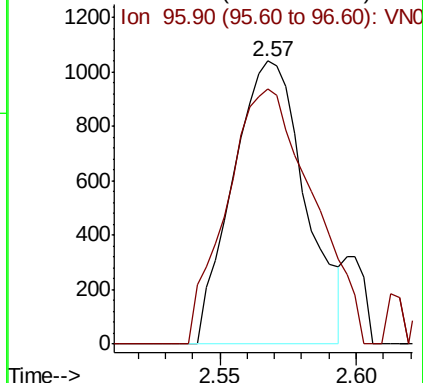
94 100

96 90.0 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VN051125.D (-153) (-)

Ion 95.90 (95.60 to 96.60): VN051125.D (-153) (-)



#10

Methyl Iodide

Concen: 5.72 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN051125.D

Acq: 11 Sep 2018 14:23

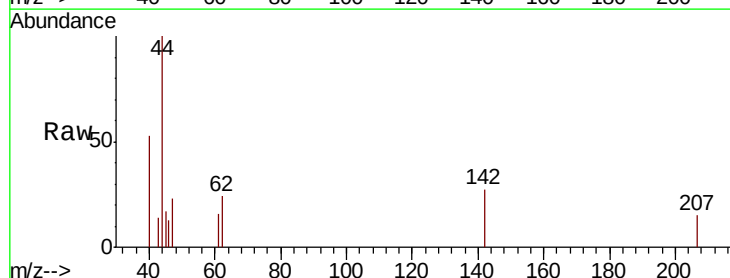
Tgt Ion: 142 Resp: 725

Ion Ratio Lower Upper

142 100

127 0.0 31.0 46.4#

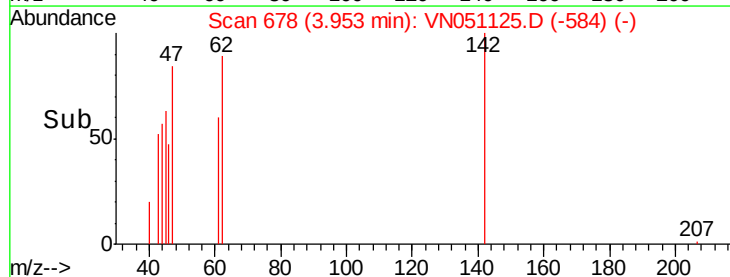
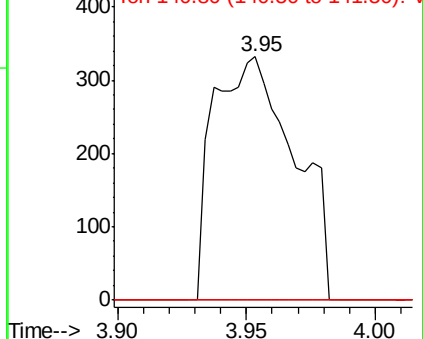
141 0.0 11.3 16.9#

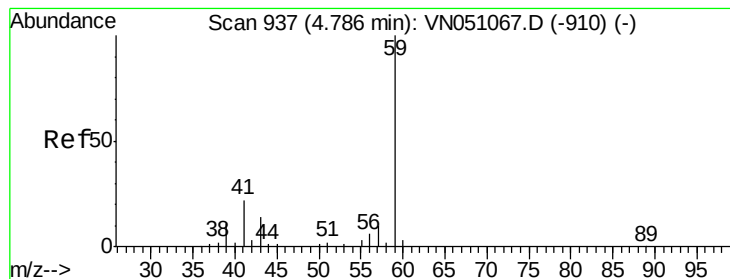


Abundance Ion 141.80 (141.50 to 142.50): VN051125.D (-584) (-)

Ion 126.80 (126.50 to 127.50): VN051125.D (-584) (-)

Ion 140.80 (140.50 to 141.50): VN051125.D (-584) (-)





#11

Tert butyl alcohol

Concen: 22.45 ug/l

RT: 4.80 min Scan# 941

Delta R.T. 0.01 min

Lab File: VN051125.D

Acq: 11 Sep 2018 14:23

Instrument :

MSVOA_N

ClientSampled :

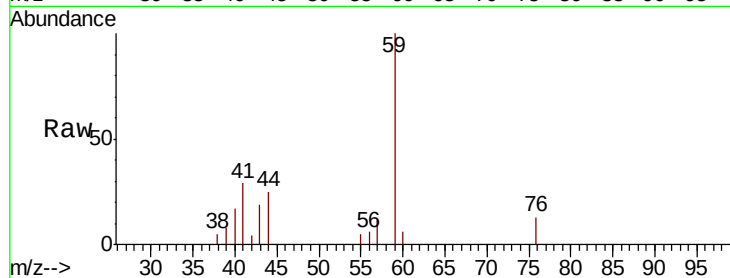
EP1-MW-FD

Tot Ion: 59 Resp: 13338

Ion Ratio Lower Upper

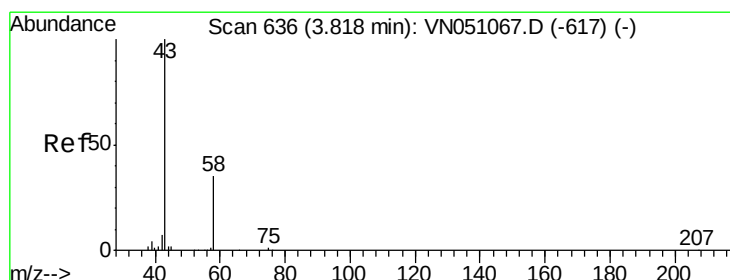
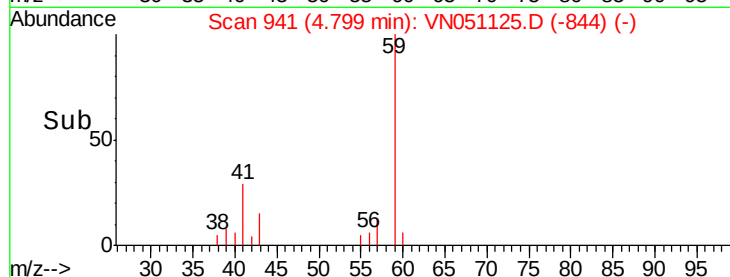
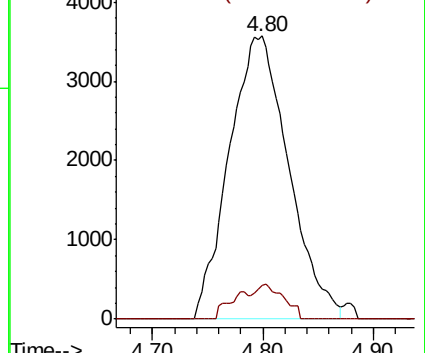
59 100

57 5.8 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN051067.D (-910) (-)

Ion 57.00 (56.70 to 57.70): VN051067.D (-910) (-)



#16

Acetone

Concen: 1.30 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051125.D

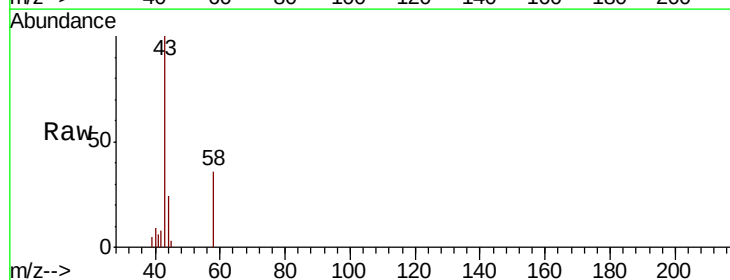
Acq: 11 Sep 2018 14:23

Tgt Ion: 43 Resp: 13674

Ion Ratio Lower Upper

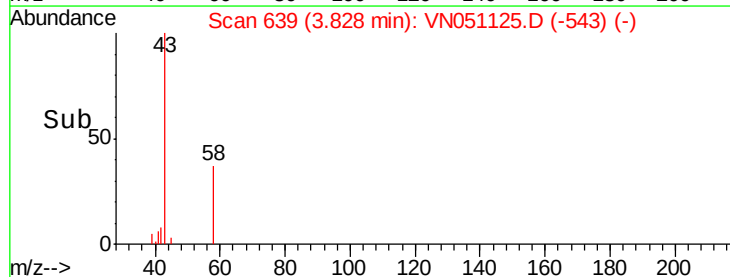
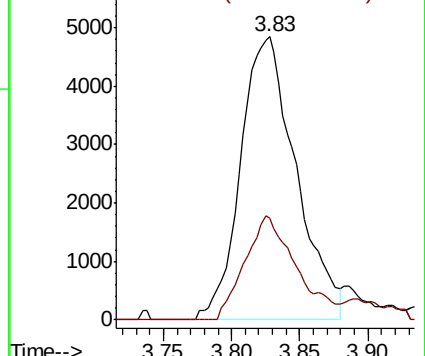
43 100

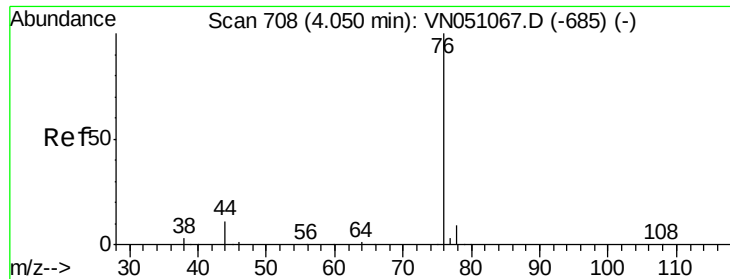
58 35.9 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN051067.D (-617) (-)





#17

Carbon Disulfide

Concen: 0.50 ug/l

RT: 4.05 min Scan# 709

Delta R.T. 0.00 min

Lab File: VN051125.D

Acq: 11 Sep 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

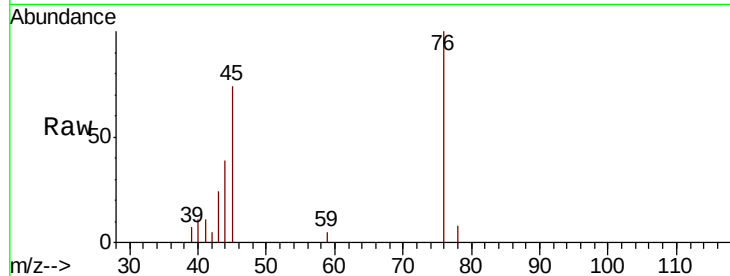
EP1-MW-FD

Tot Ion: 76 Resp: 8482

Ion Ratio Lower Upper

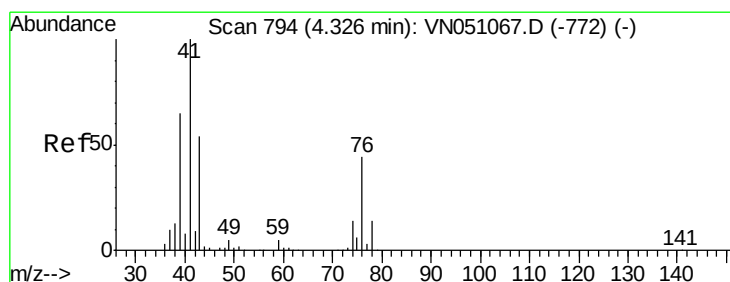
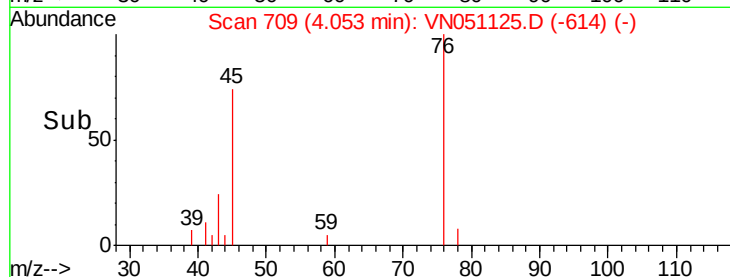
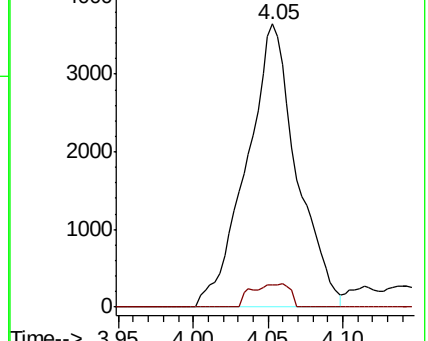
76 100

78 7.9 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VN051125.D (-614) (-)

Ion 77.90 (77.60 to 78.60): VN051125.D (-614) (-)



#18

Methyl Acetate

Concen: 0.23 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN051125.D

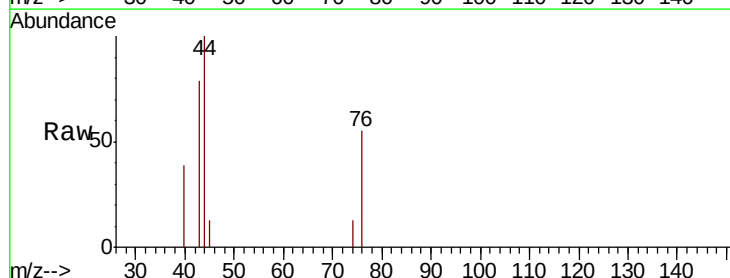
Acq: 11 Sep 2018 14:23

Tgt Ion: 43 Resp: 1435

Ion Ratio Lower Upper

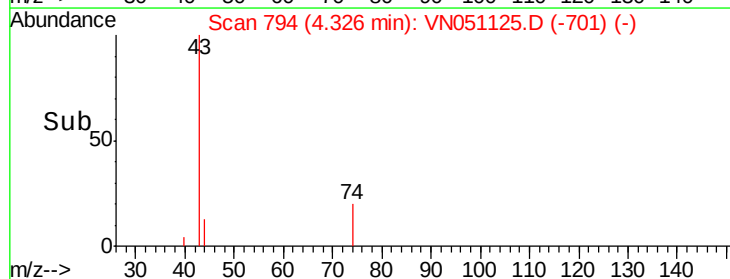
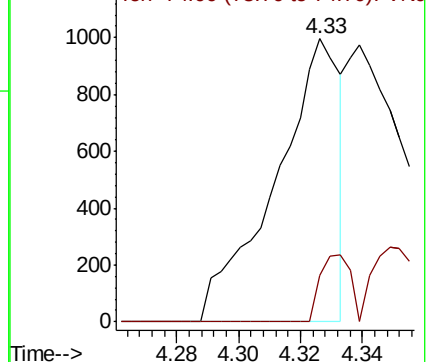
43 100

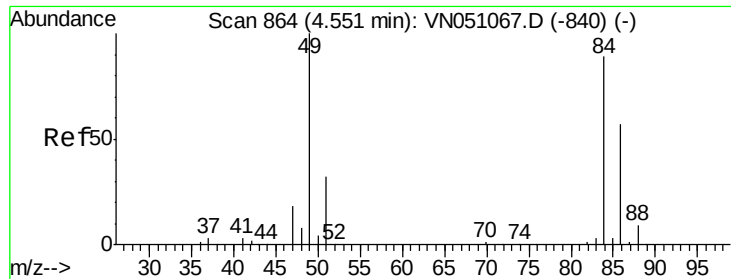
74 10.9 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VN051125.D (-701) (-)

Ion 74.00 (73.70 to 74.70): VN051125.D (-701) (-)

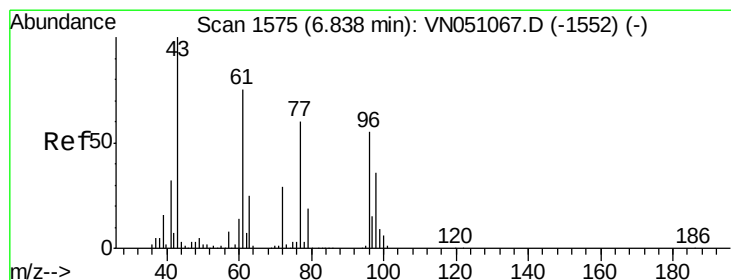
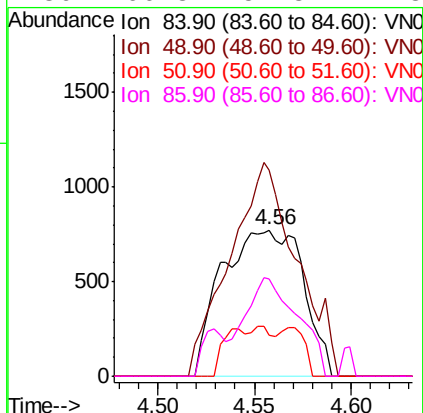
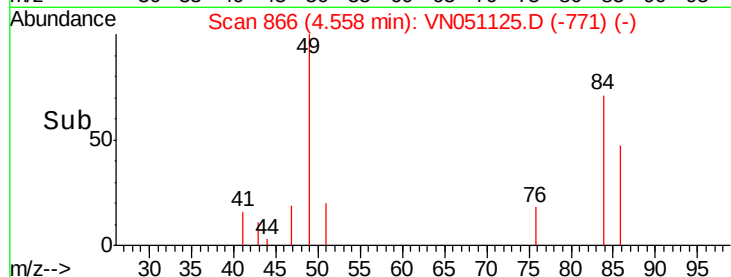
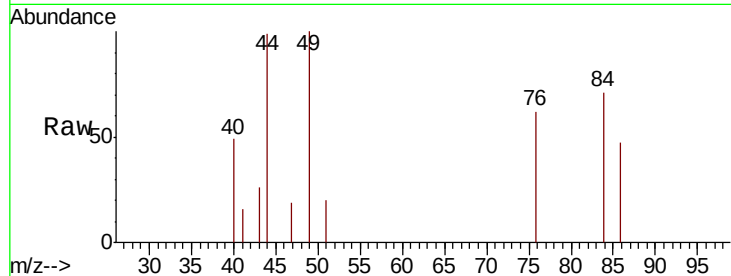




#20
Methvlene Chloride
Concen: 0.26 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN051125.D
Acq: 11 Sep 2018 14:23

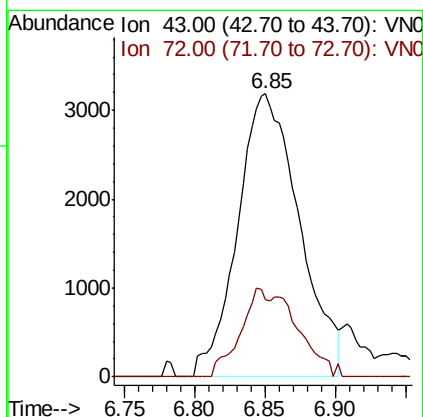
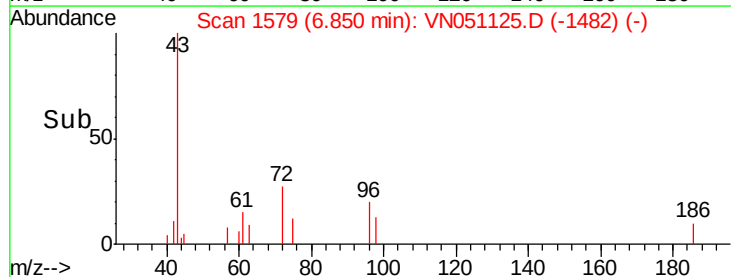
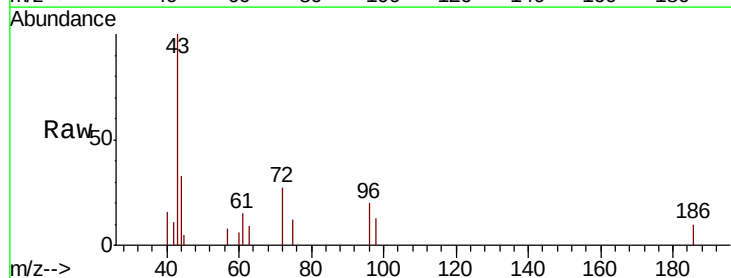
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-FD

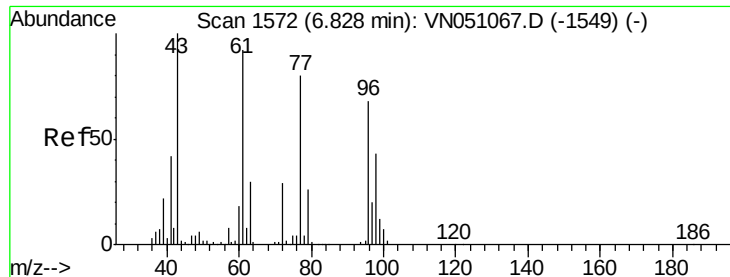
Tot Ion: 84 Resp: 2266
Ion Ratio Lower Upper
84 100
49 140.8 90.2 135.2#
51 28.4 28.4 42.6#
86 66.3 51.8 77.8



#25
2-Butanone
Concen: 3.19 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN051125.D
Acq: 11 Sep 2018 14:23

Tgt Ion: 43 Resp: 9742
Ion Ratio Lower Upper
43 100
72 27.3 23.0 34.6





#27

cis-1,2-Dichloroethene

Concen: 0.26 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.01 min

Lab File: VN051125.D

Acq: 11 Sep 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-FD

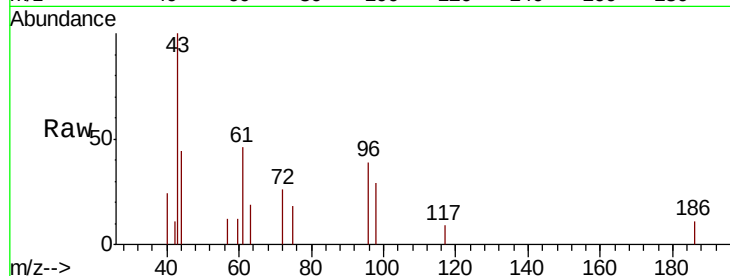
Tot Ion: 96 Resp: 2305

Ion Ratio Lower Upper

96 100

61 70.6 0.0 278.2

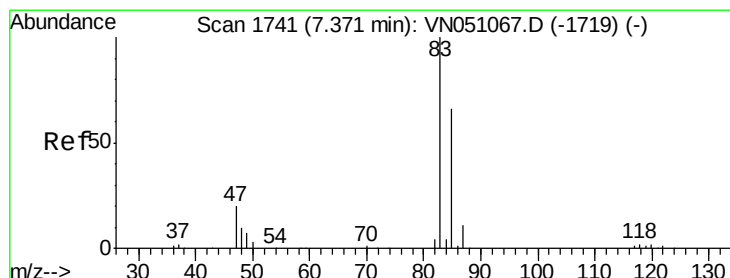
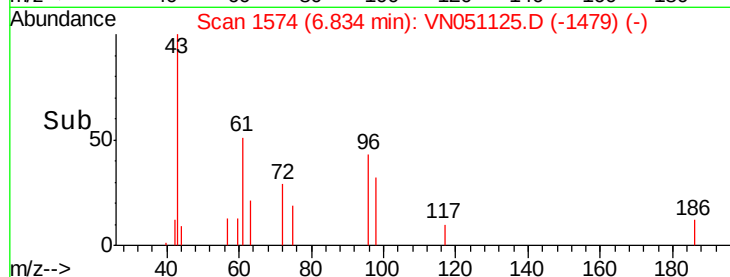
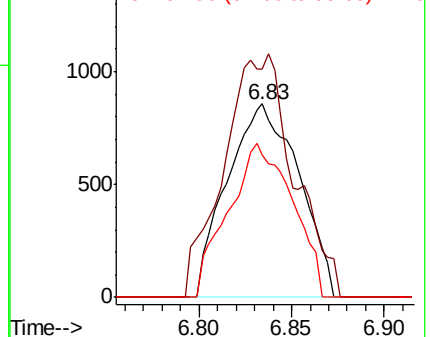
98 71.4 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN051125.D (-1479) (-)

Ion 60.90 (60.60 to 61.60): VN051125.D (-1479) (-)

Ion 97.90 (97.60 to 98.60): VN051125.D (-1479) (-)



#30

Chloroform

Concen: 0.76 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN051125.D

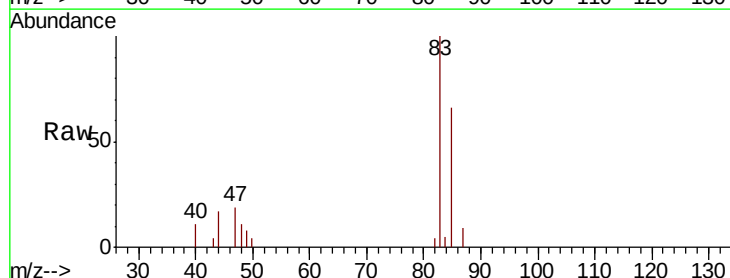
Acq: 11 Sep 2018 14:23

Tgt Ion: 83 Resp: 10779

Ion Ratio Lower Upper

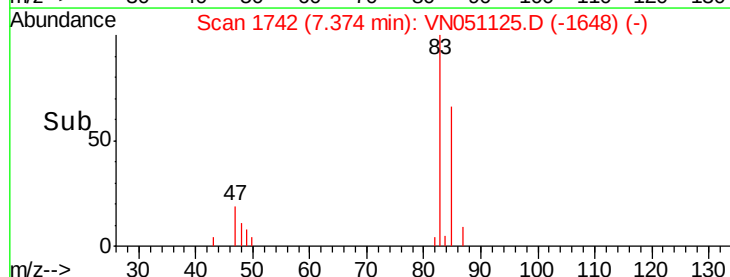
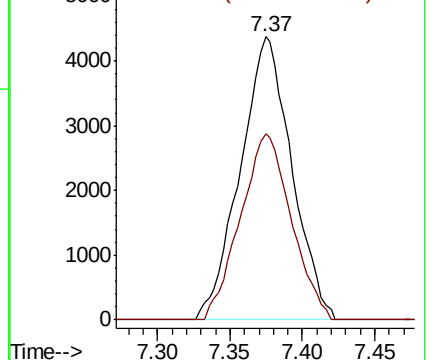
83 100

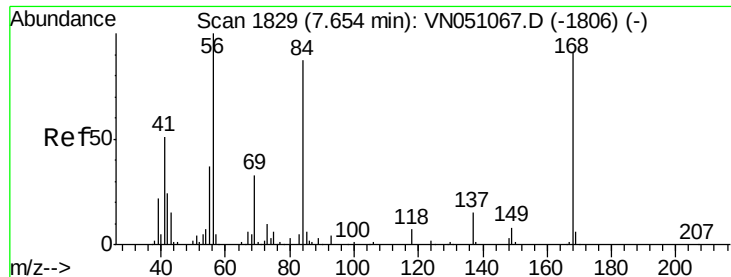
85 65.8 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VN051125.D (-1648) (-)

Ion 84.90 (84.60 to 85.60): VN051125.D (-1648) (-)

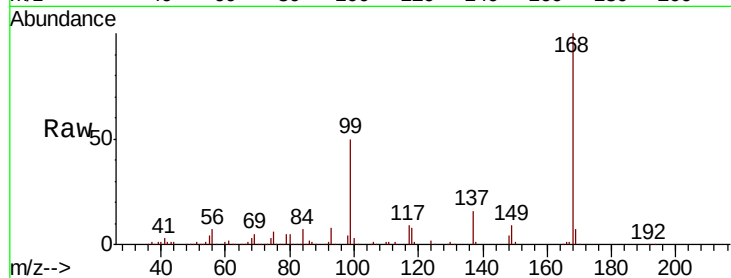




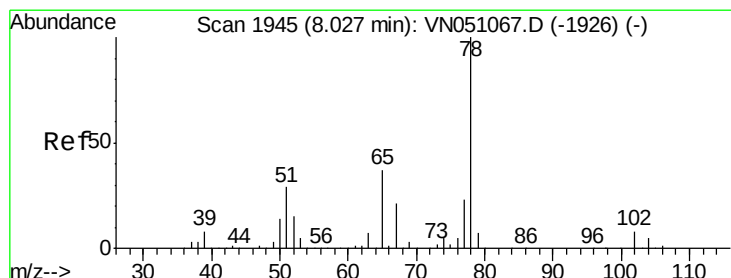
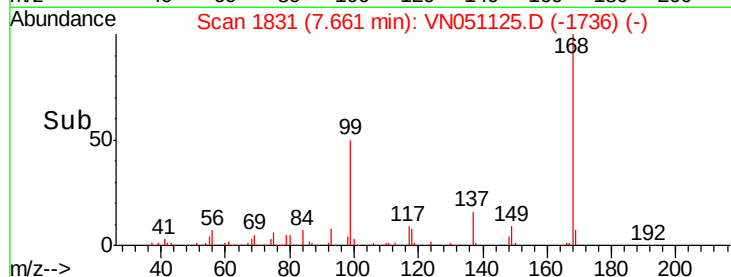
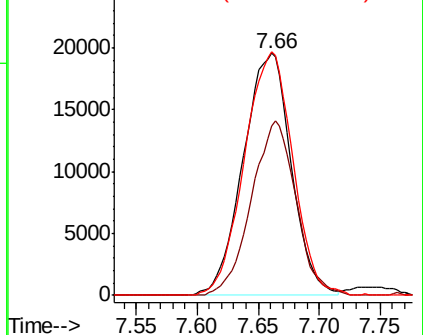
#31
Cyclohexane
Concen: 3.97 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN051125.D
Acq: 11 Sep 2018 14:23

Instrument :
MSVOA_N
ClientSampled :
EP1-MW-FD

Tot Ion: 56 Resp: 53337
Ion Ratio Lower Upper
56 100
69 69.9 26.3 39.5#
84 100.6 69.4 104.0

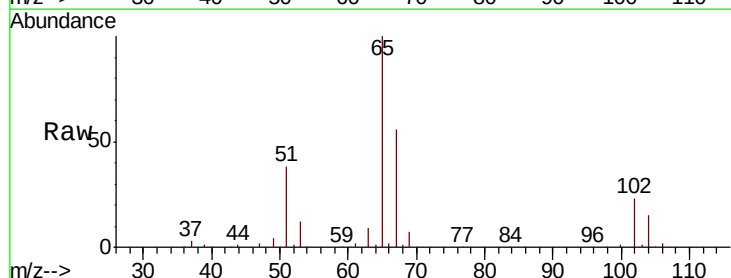


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

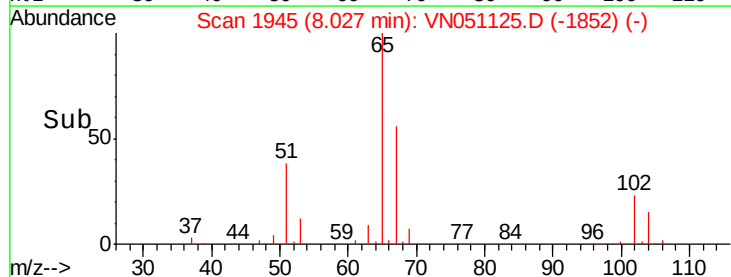
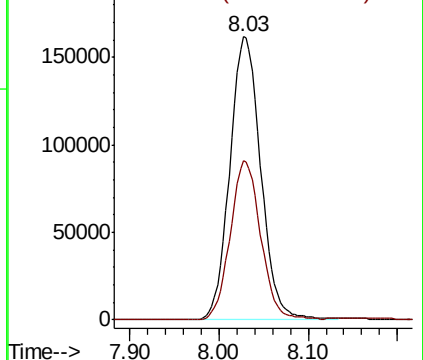


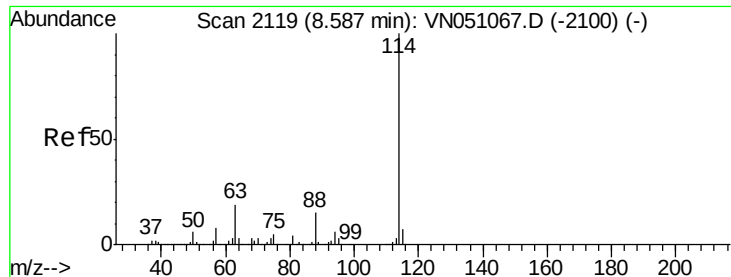
#33
1,2-Dichloroethane-d4
Concen: 50.06 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN051125.D
Acq: 11 Sep 2018 14:23

Tgt Ion: 65 Resp: 389428
Ion Ratio Lower Upper
65 100
67 55.5 0.0 112.0



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

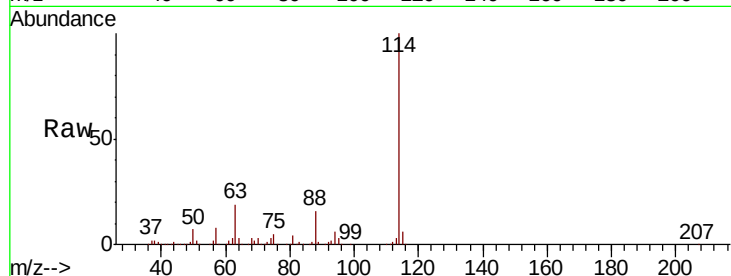




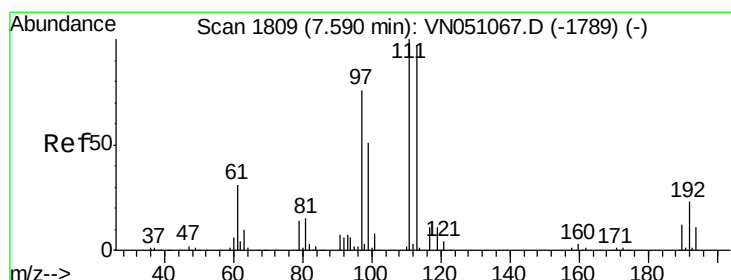
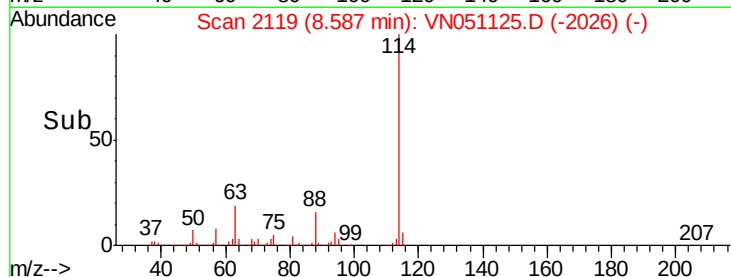
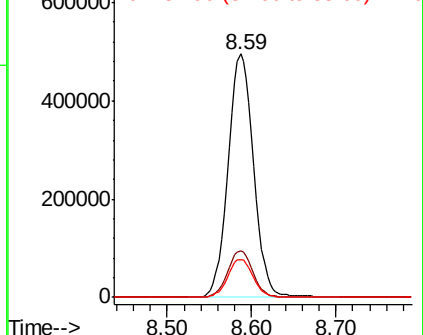
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051125.D
 Acq: 11 Sep 2018 14:23

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-FD

Tot Ion:114 Resp: 1042058
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 37.8
 88 15.6 0.0 30.8

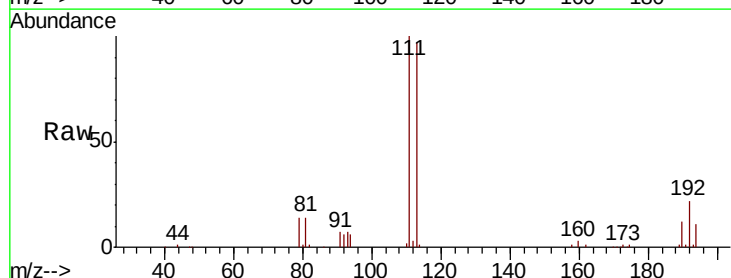


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

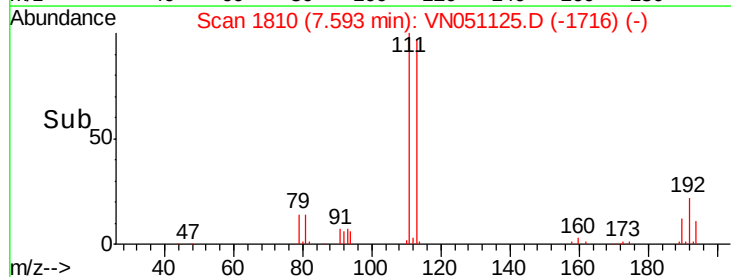
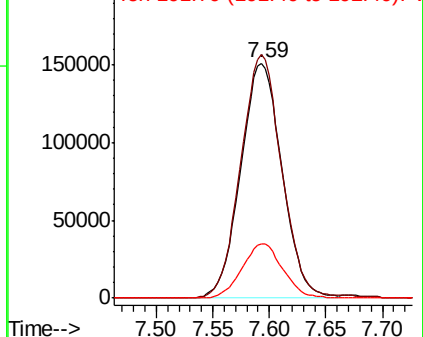


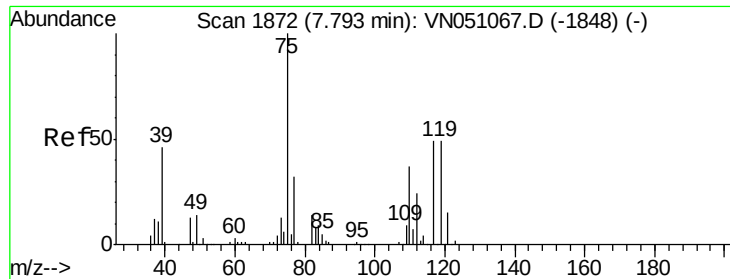
#35
 Dibromofluoromethane
 Concen: 49.03 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051125.D
 Acq: 11 Sep 2018 14:23

Tgt Ion:113 Resp: 383917
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.0 124.6
 192 23.0 18.7 28.1



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: 3.79 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN051125.D

Acq: 11 Sep 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-FD

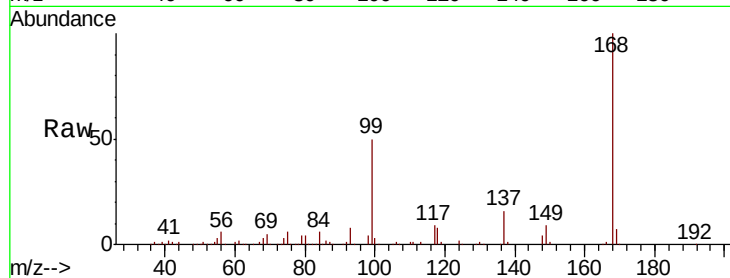
Tot Ion: 75 Resp: 43372

Ion Ratio Lower Upper

75 100

110 9.6 18.6 55.8#

77 3.1 25.2 37.8#

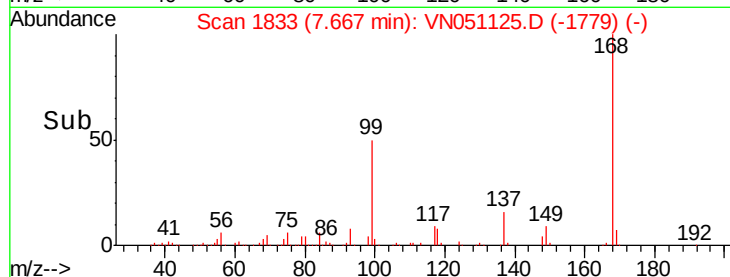


Abundance Ion 74.90 (74.60 to 75.60): VN051067.D (-1848) (-)

Ion 109.90 (109.60 to 110.60): VN051067.D (-1848) (-)

Ion 76.90 (76.60 to 77.60): VN051067.D (-1848) (-)

Time-->

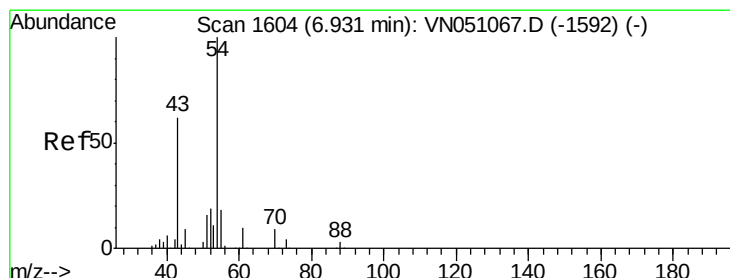


Abundance Ion 74.90 (74.60 to 75.60): VN051125.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN051125.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN051125.D (-1779) (-)

Time-->



#37

Ethyl Acetate

Concen: 1.47 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. -0.08 min

Lab File: VN051125.D

Acq: 11 Sep 2018 14:23

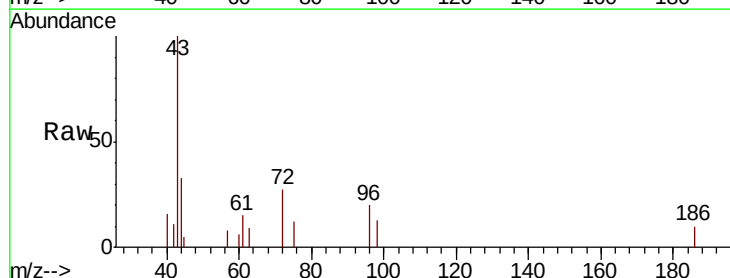
Tgt Ion: 43 Resp: 9742

Ion Ratio Lower Upper

43 100

61 0.0 12.4 18.6#

70 0.0 9.3 13.9#

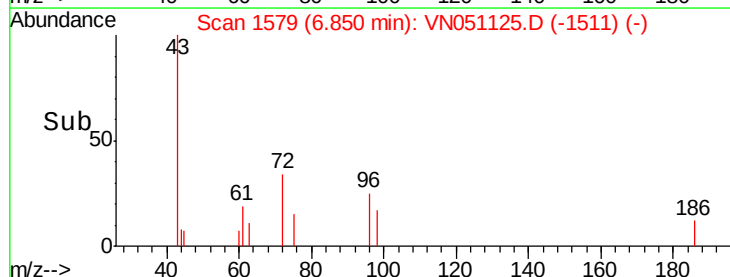


Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-1592) (-)

Ion 60.90 (60.60 to 61.60): VN051067.D (-1592) (-)

Ion 70.00 (69.70 to 70.70): VN051067.D (-1592) (-)

Time-->

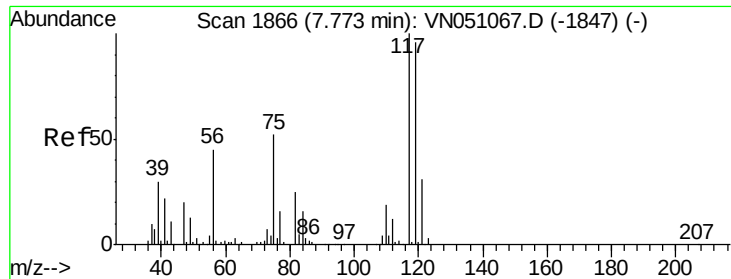


Abundance Ion 43.00 (42.70 to 43.70): VN051125.D (-1511) (-)

Ion 60.90 (60.60 to 61.60): VN051125.D (-1511) (-)

Ion 70.00 (69.70 to 70.70): VN051125.D (-1511) (-)

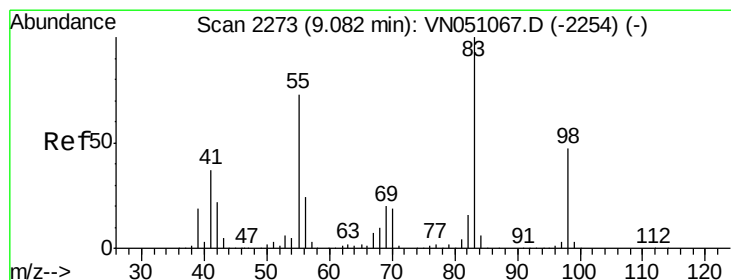
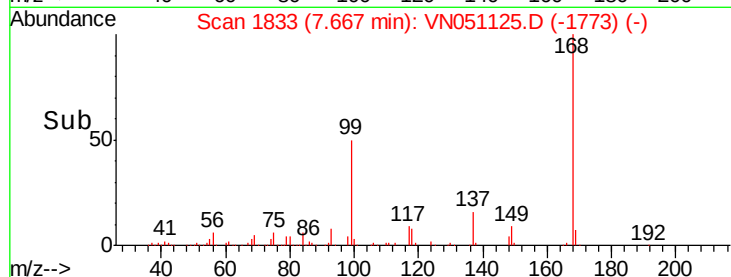
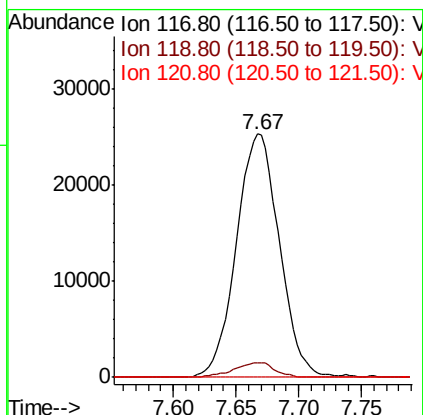
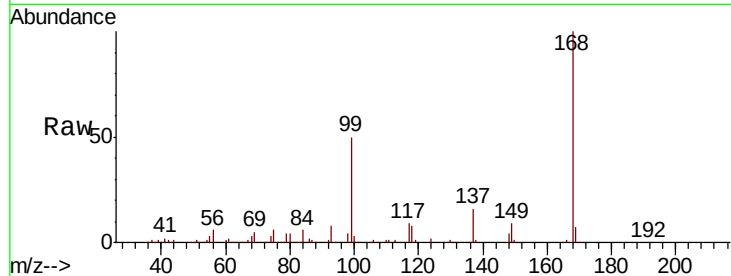
Time-->



#38
Carbon Tetrachloride
Concen: 5.36 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051125.D
Acq: 11 Sep 2018 14:23

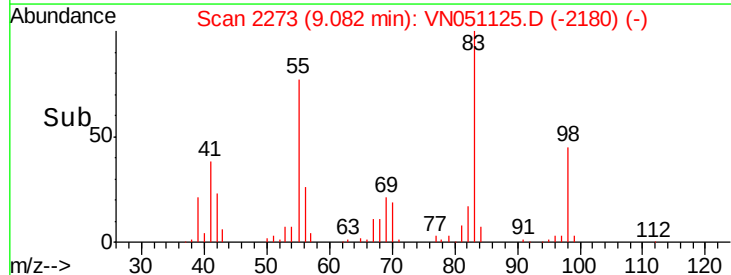
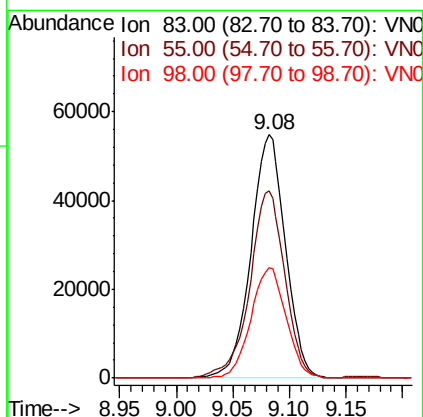
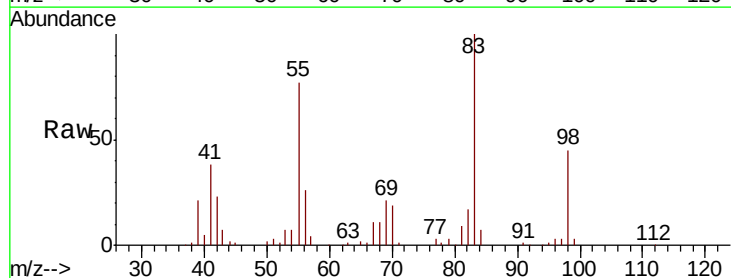
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-FD

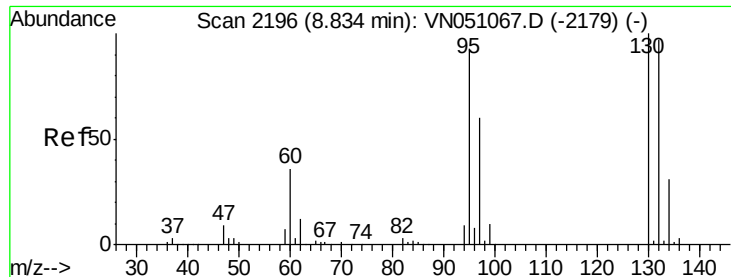
Tot Ion:117 Resp: 60395
Ion Ratio Lower Upper
117 100
119 6.2 76.8 115.2#
121 0.0 24.6 36.8#



#39
Methylcyclohexane
Concen: 9.19 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051125.D
Acq: 11 Sep 2018 14:23

Tgt Ion: 83 Resp: 115961
Ion Ratio Lower Upper
83 100
55 77.2 58.4 87.6
98 45.2 37.3 55.9





#44

Trichloroethene

Concen: 0.34 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN051125.D

Acq: 11 Sep 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

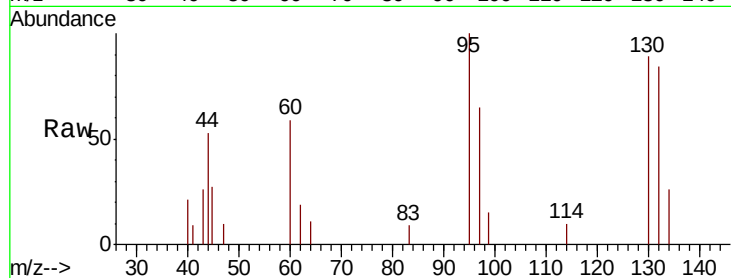
EP1-MW-FD

Tot Ion:130 Resp: 3219

Ion Ratio Lower Upper

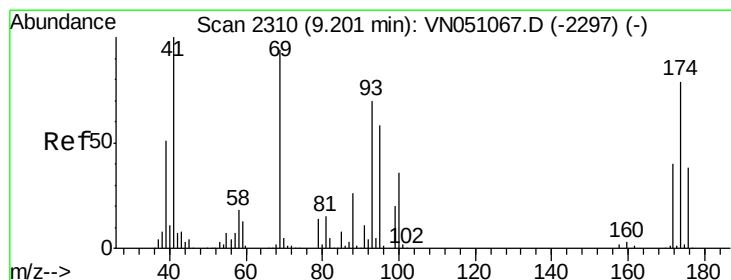
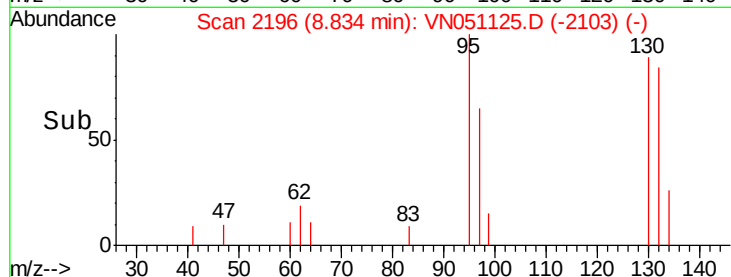
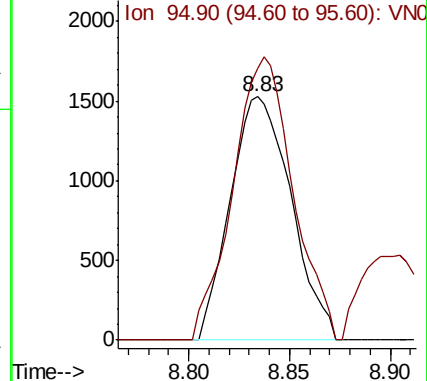
130 100

95 111.9 0.0 186.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VNO



#48

Methyl methacrylate

Concen: 0.50 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.07 min

Lab File: VN051125.D

Acq: 11 Sep 2018 14:23

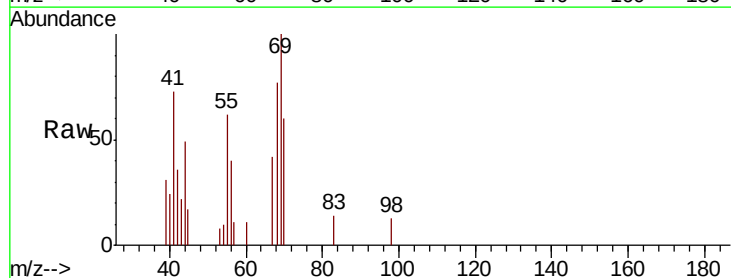
Tgt Ion: 41 Resp: 2868

Ion Ratio Lower Upper

41 100

69 141.4 77.7 116.5#

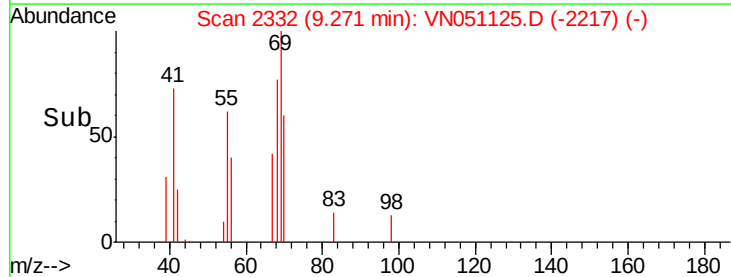
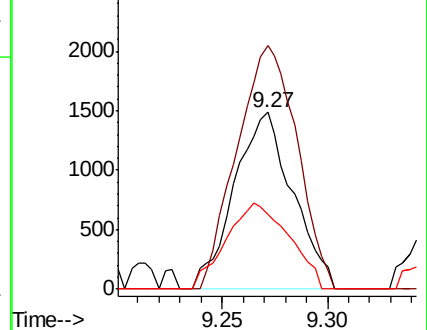
39 52.5 41.6 62.4

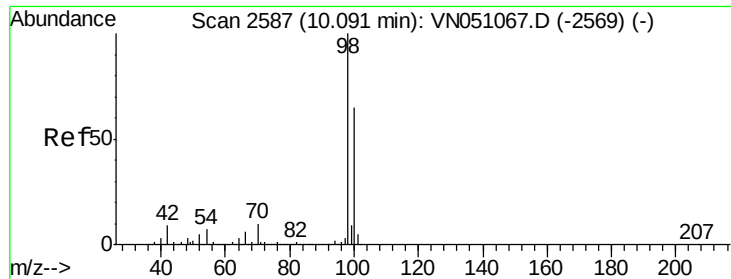


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#50

Toluene-d8

Concen: 49.69 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051125.D

Acq: 11 Sep 2018 14:23

Instrument :

MSVOA_N

ClientSampled :

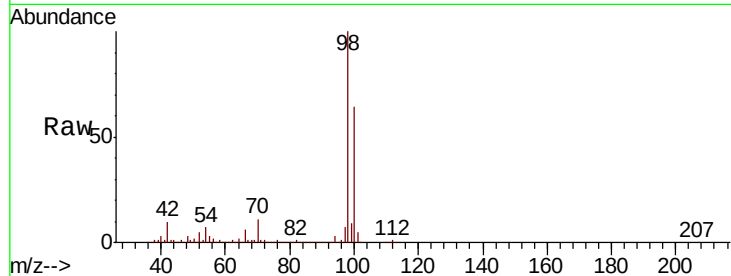
EP1-MW-FD

Tot Ion: 98 Resp: 1476472

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN051067.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN051067.D (-2569) (-)

10.09

800000

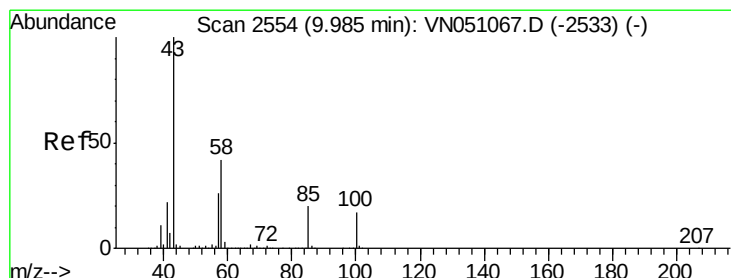
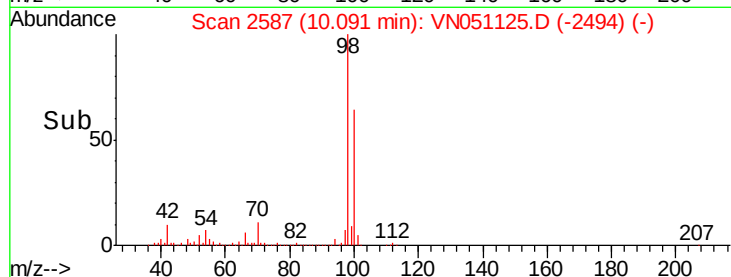
600000

400000

200000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.42 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN051125.D

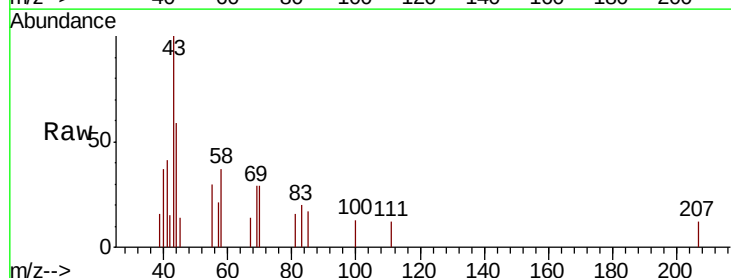
Acq: 11 Sep 2018 14:23

Tgt Ion: 43 Resp: 2718

Ion Ratio Lower Upper

43 100

58 37.5 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN051067.D (-2533) (-)

9.99

3000

2500

2000

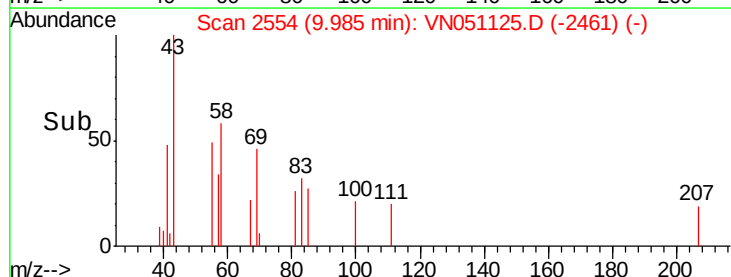
1500

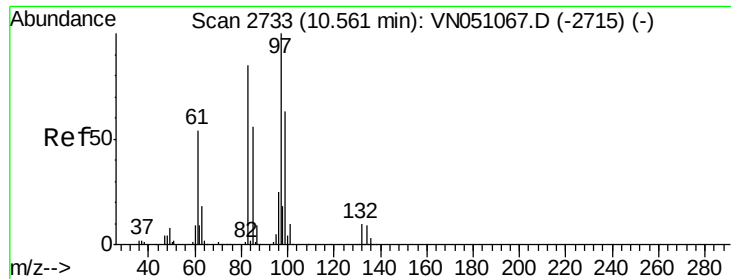
1000

500

0

Time-->

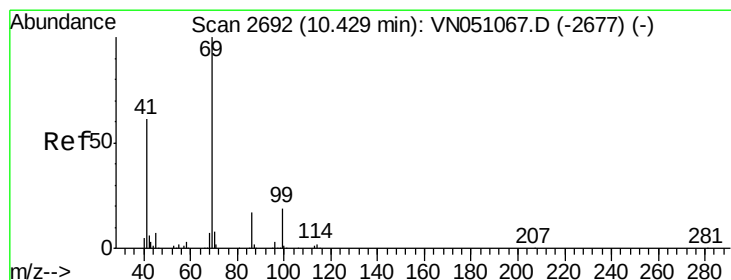
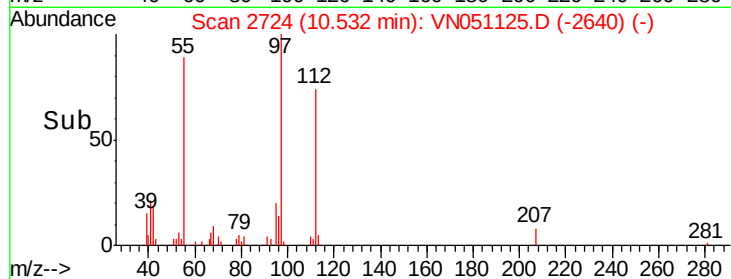
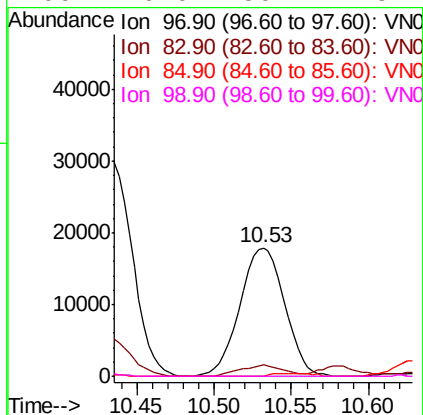
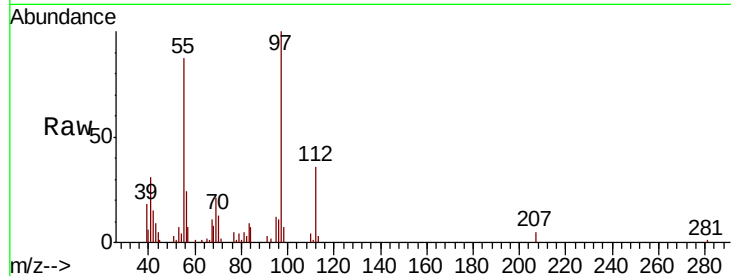




#55
 1,1,2-Trichloroethane
 Concen: 4.72 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.03 min
 Lab File: VN051125.D
 Acq: 11 Sep 2018 14:23

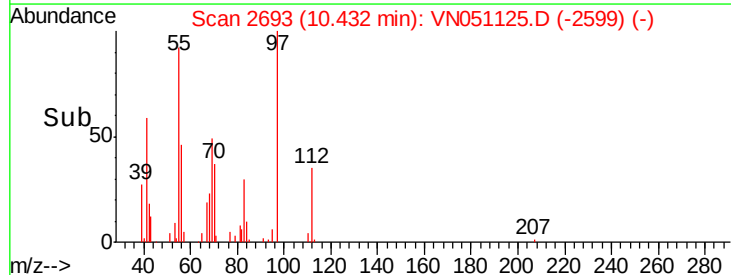
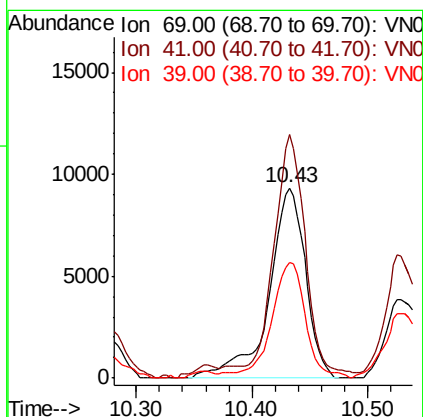
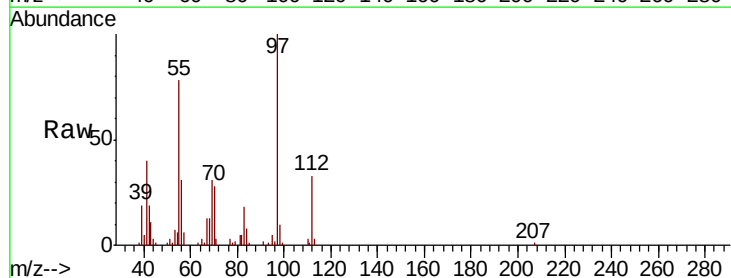
Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-FD

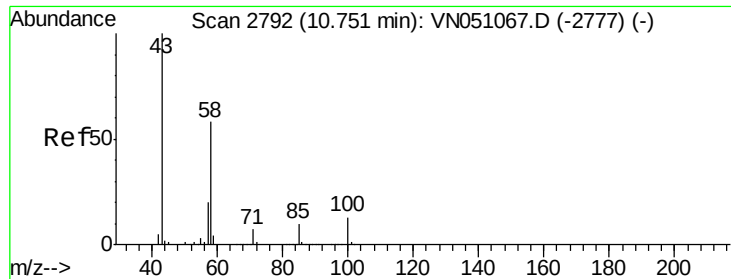
Tot Ion: 97 Resp: 36020
 Ion Ratio Lower Upper
 97 100
 83 8.7 68.2 102.2#
 85 0.0 44.8 67.2#
 99 0.0 50.2 75.4#



#56
 Ethyl methacrylate
 Concen: 4.35 ug/l
 RT: 10.43 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN051125.D
 Acq: 11 Sep 2018 14:23

Tgt Ion: 69 Resp: 20393
 Ion Ratio Lower Upper
 69 100
 41 103.9 47.8 71.8#
 39 55.9 23.0 34.4#

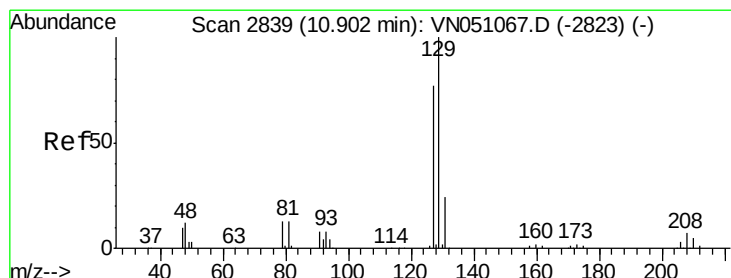
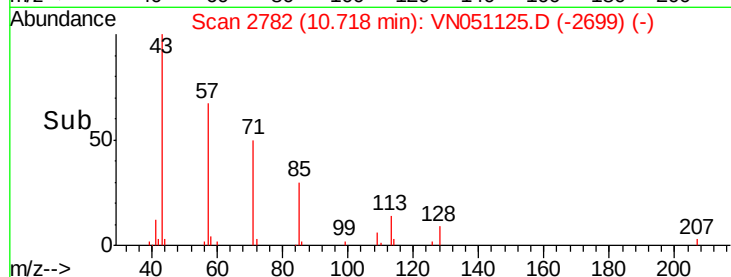
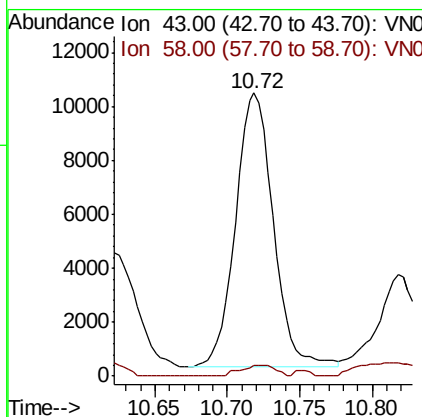
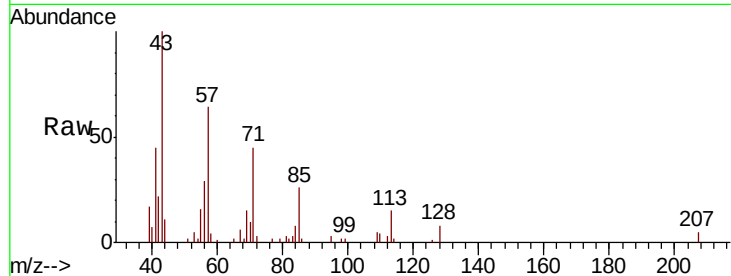




#59
2-Hexanone
Concen: 4.19 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN051125.D
Acq: 11 Sep 2018 14:23

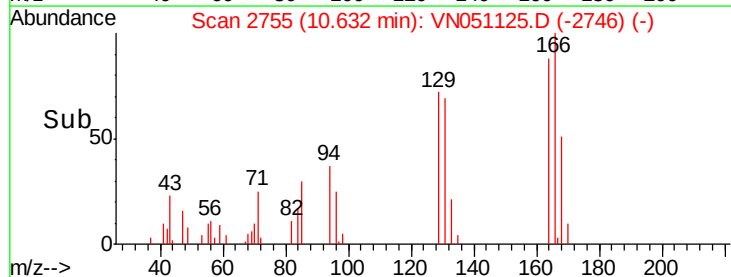
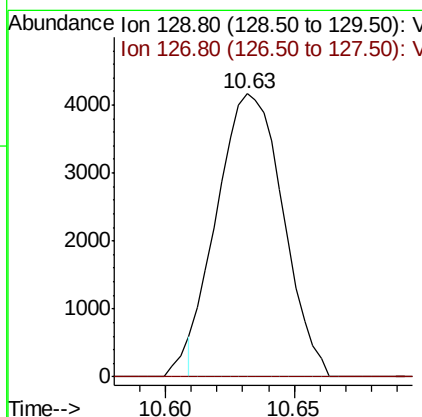
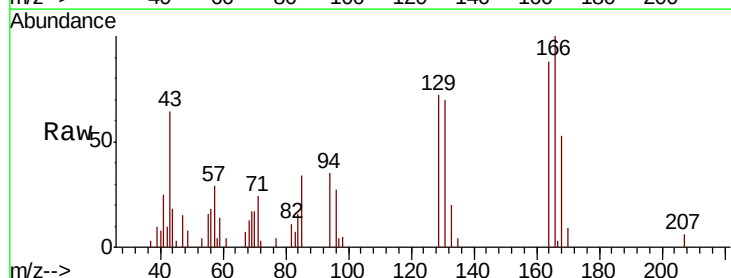
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-FD

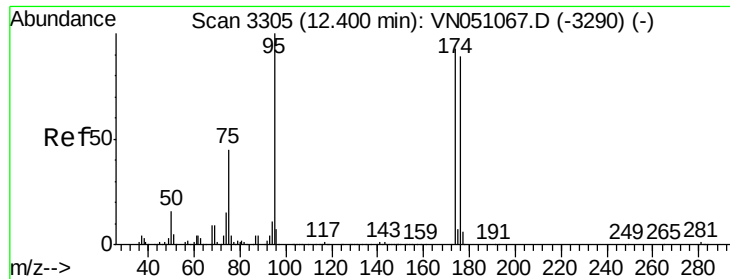
Tot Ion: 43 Resp: 18380
Ion Ratio Lower Upper
43 100
58 3.6 29.3 88.0#



#60
Dibromochloromethane
Concen: 0.86 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.27 min
Lab File: VN051125.D
Acq: 11 Sep 2018 14:23

Tgt Ion: 129 Resp: 7407
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

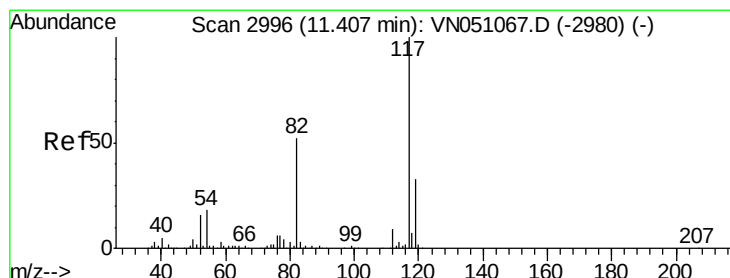
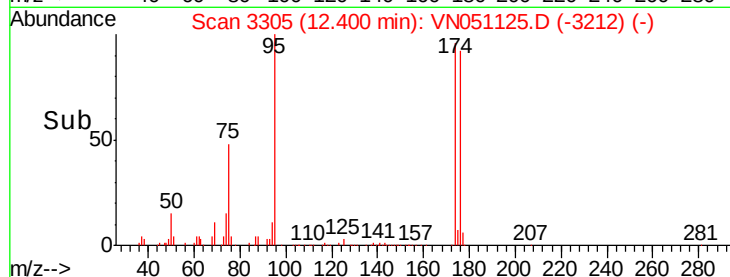
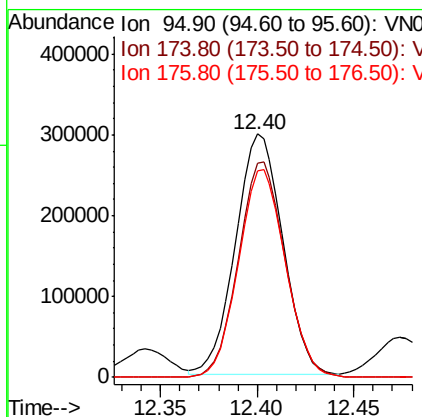
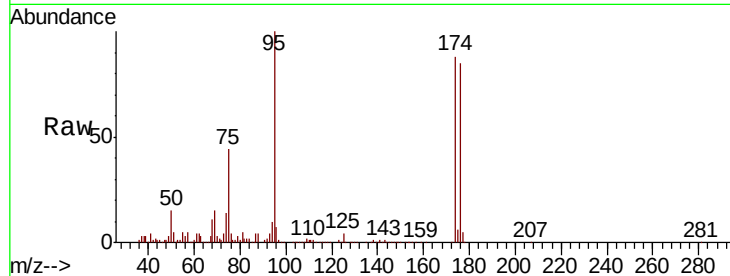




#62
4-Bromofluorobenzene
Concen: 51.16 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051125.D
Acq: 11 Sep 2018 14:23

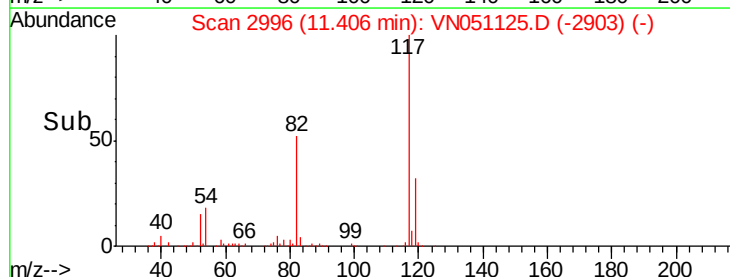
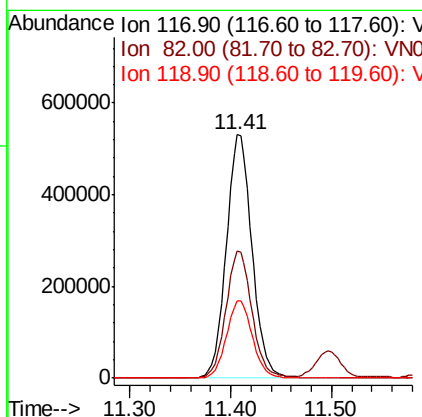
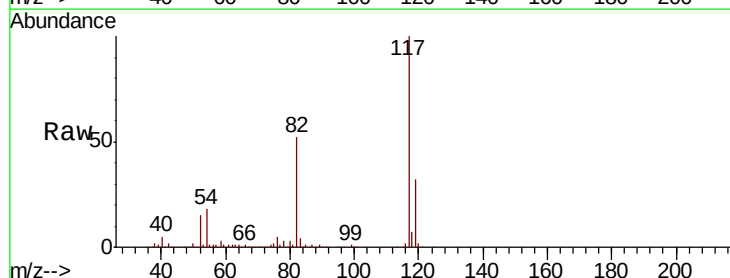
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-FD

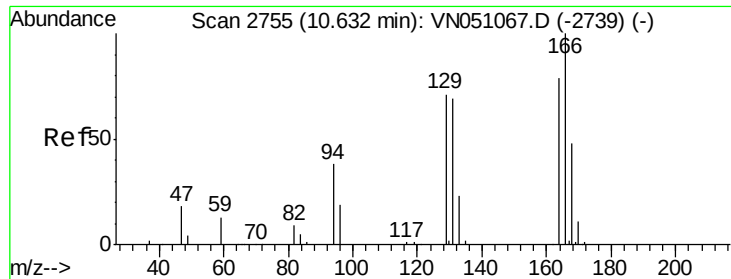
Tot Ion: 95 Resp: 502789
Ion Ratio Lower Upper
95 100
174 89.2 0.0 184.8
176 86.6 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051125.D
Acq: 11 Sep 2018 14:23

Tgt Ion: 117 Resp: 942629
Ion Ratio Lower Upper
117 100
82 52.1 41.8 62.6
119 31.5 26.2 39.2





#64

Tetrachloroethene

Concen: 0.95 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN051125.D

Acq: 11 Sep 2018 14:23

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-FD

Tot Ion:164 Resp: 8144

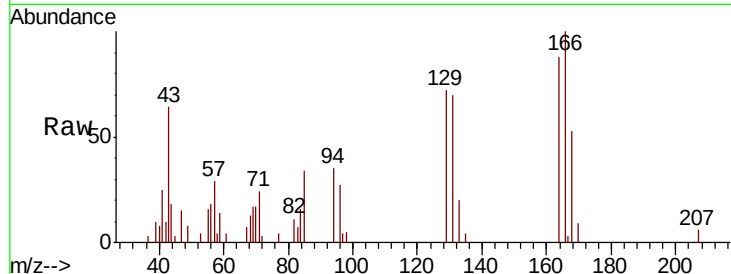
Ion Ratio Lower Upper

164 100

166 114.0 101.3 151.9

129 82.1 72.2 108.2

131 79.4 70.2 105.2

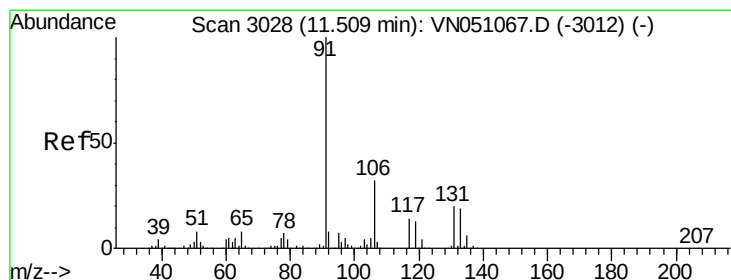
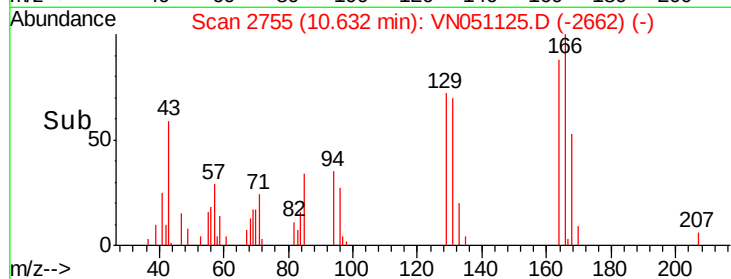
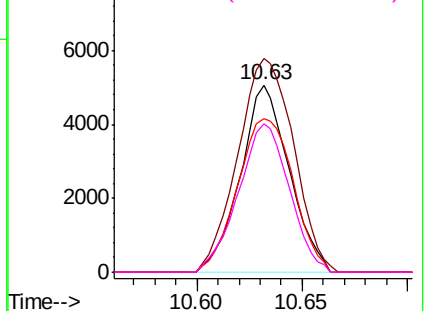


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 11.01 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN051125.D

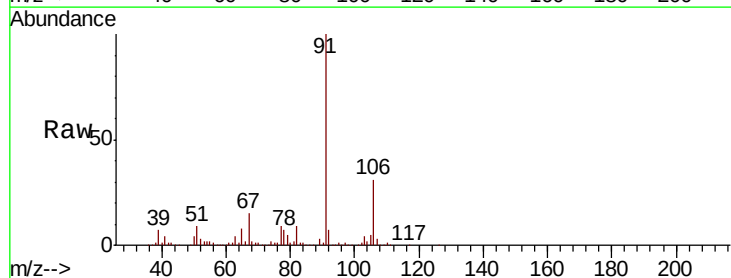
Acq: 11 Sep 2018 14:23

Tgt Ion: 91 Resp: 423822

Ion Ratio Lower Upper

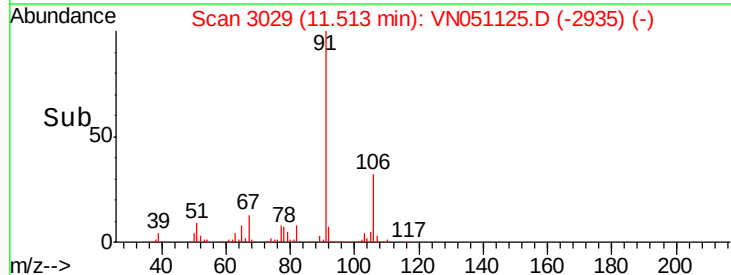
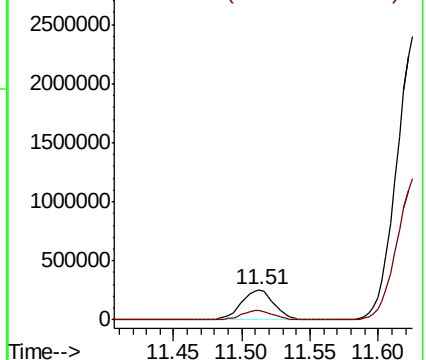
91 100

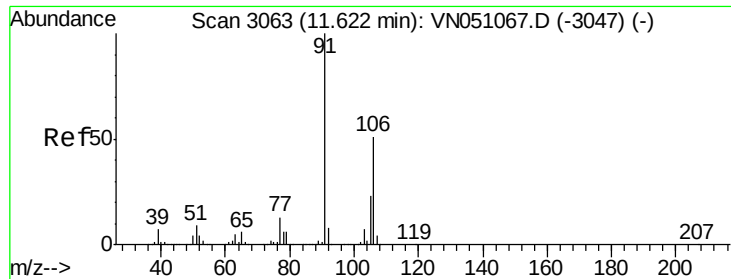
106 31.5 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

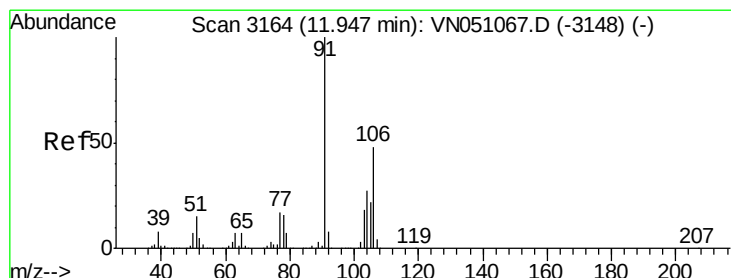
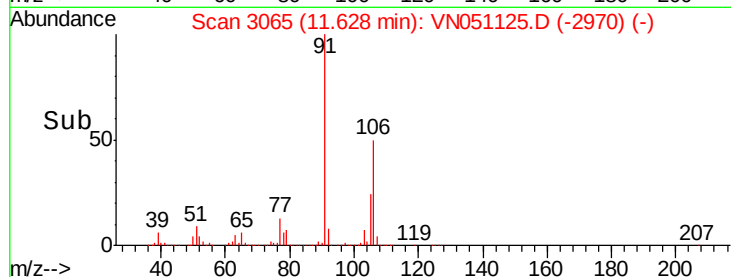
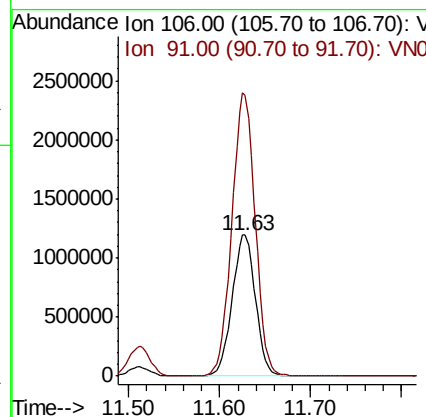
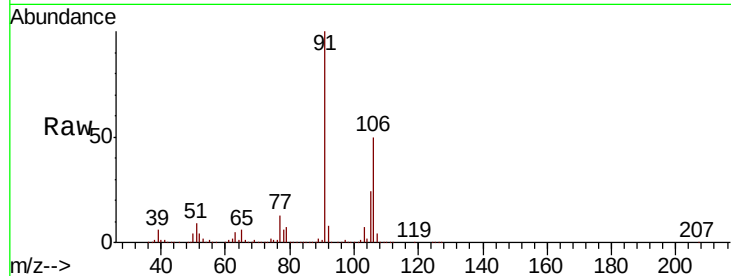




#68
m/p-Xylenes
Concen: 143.46 ug/l
RT: 11.63 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VN051125.D
Acq: 11 Sep 2018 14:23

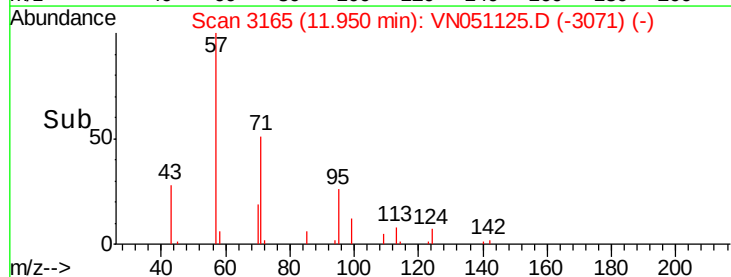
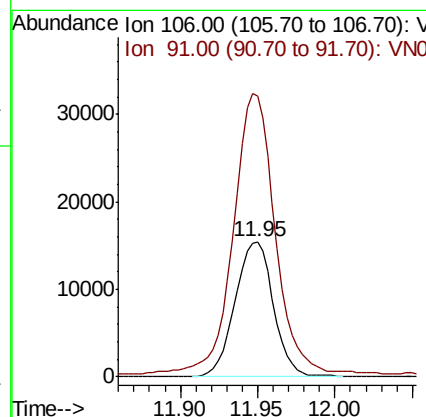
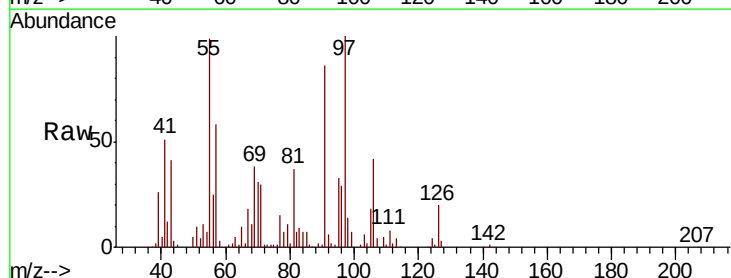
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-FD

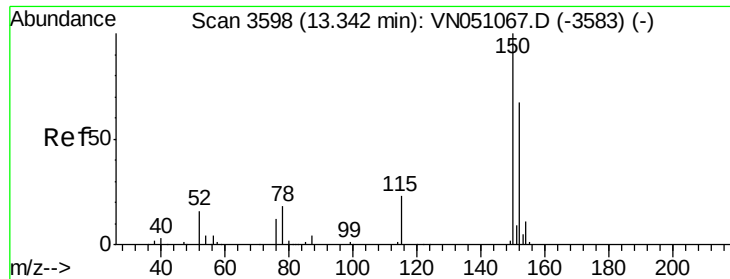
Tot Ion:106 Resp: 2121083
Ion Ratio Lower Upper
106 100
91 200.7 159.8 239.6



#69
o-Xylene
Concen: 1.86 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051125.D
Acq: 11 Sep 2018 14:23

Tgt Ion:106 Resp: 26559
Ion Ratio Lower Upper
106 100
91 224.0 105.1 315.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN051125.D

Acq: 11 Sep 2018 14:23

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-FD

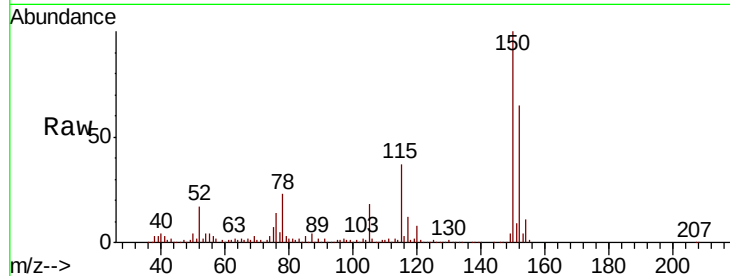
Tot Ion:152 Resp: 444563

Ion Ratio Lower Upper

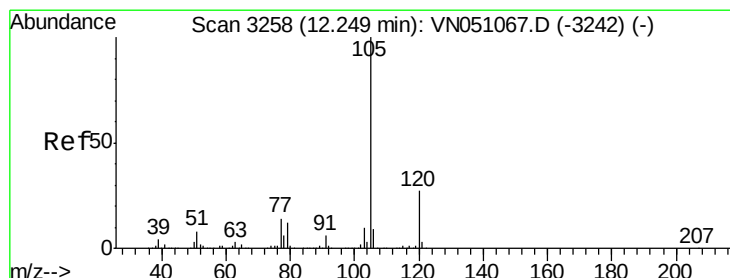
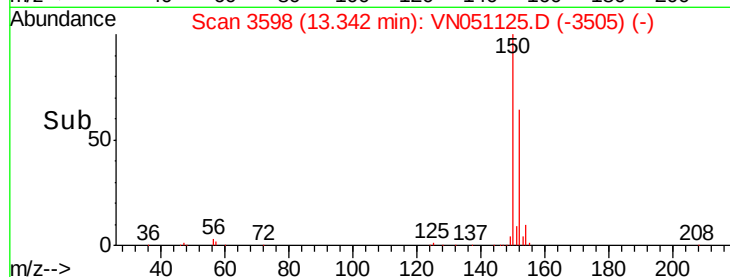
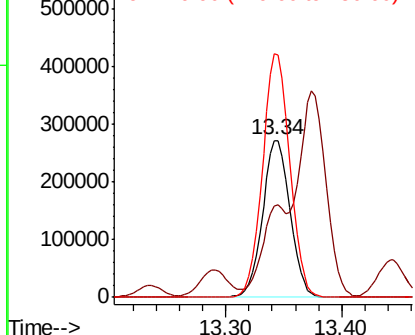
152 100

115 43.8 28.2 84.7

150 154.8 0.0 349.0



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: 213.37 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051125.D

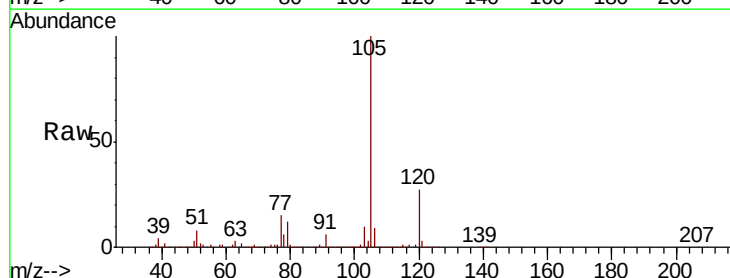
Acq: 11 Sep 2018 14:23

Tgt Ion:105 Resp: 7954874

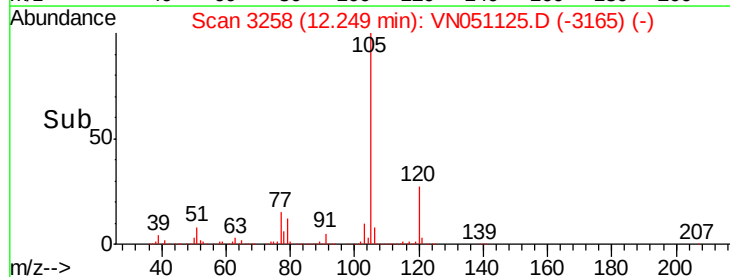
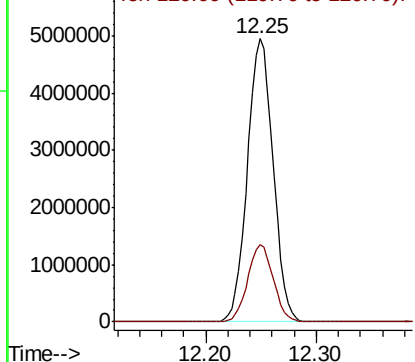
Ion Ratio Lower Upper

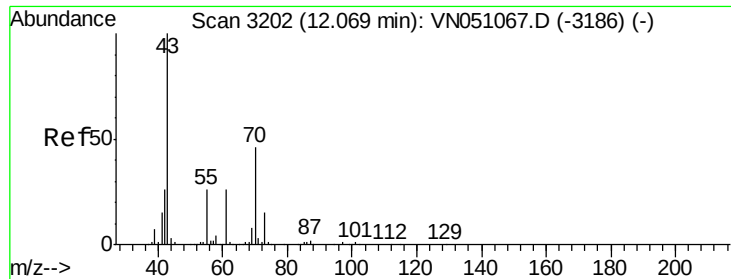
105 100

120 27.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 10.57 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN051125.D

Acq: 11 Sep 2018 14:23

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-FD

Tot Ion: 43 Resp: 99212

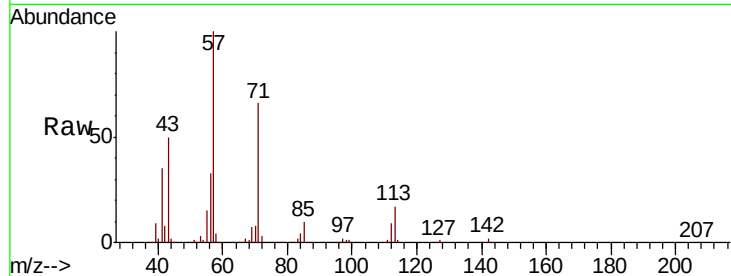
Ion Ratio Lower Upper

43 100

70 13.6 37.0 55.4#

55 17.2 21.3 31.9#

61 0.0 20.7 31.1#

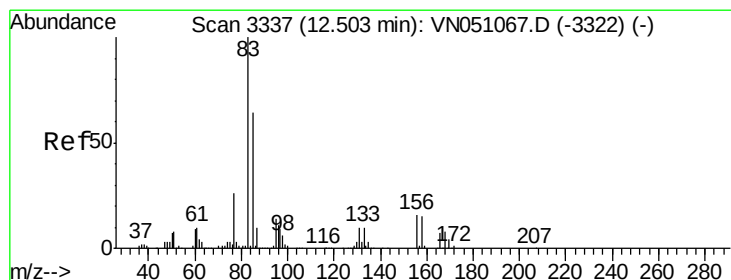
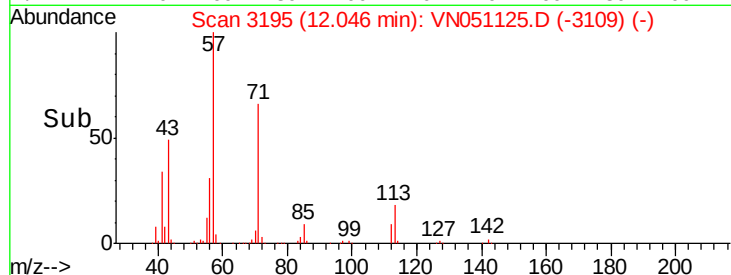
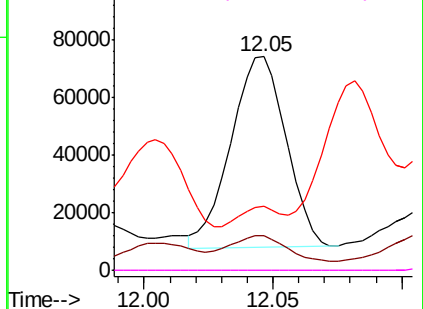


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3306

Delta R.T. -0.10 min

Lab File: VN051125.D

Acq: 11 Sep 2018 14:23

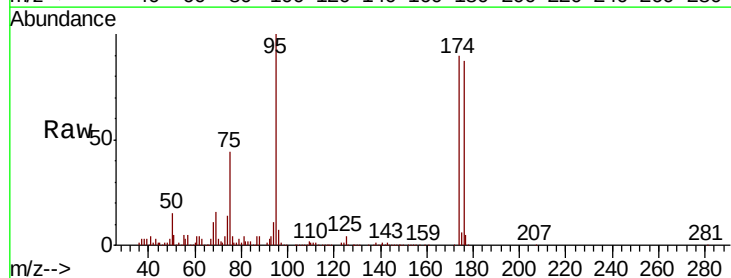
Tgt Ion: 83 Resp: 6613

Ion Ratio Lower Upper

83 100

131 6.1 5.3 16.1

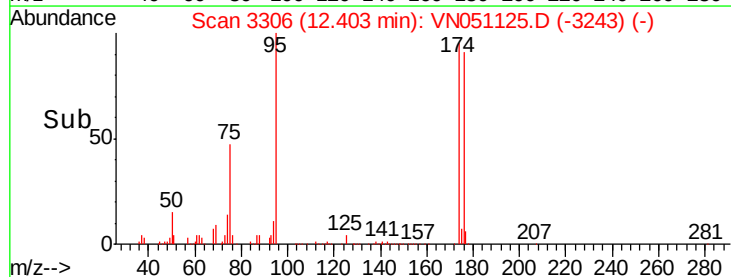
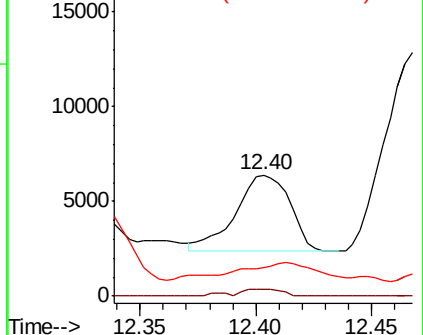
85 35.0 32.3 96.8

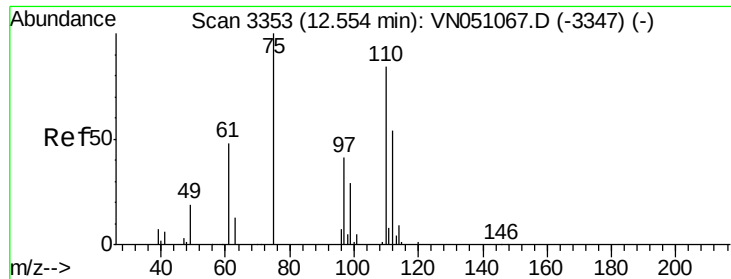


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 11.87 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.04 min

Lab File: VN051125.D

Acq: 11 Sep 2018 14:23

Instrument :

MSVOA_N

ClientSampled :

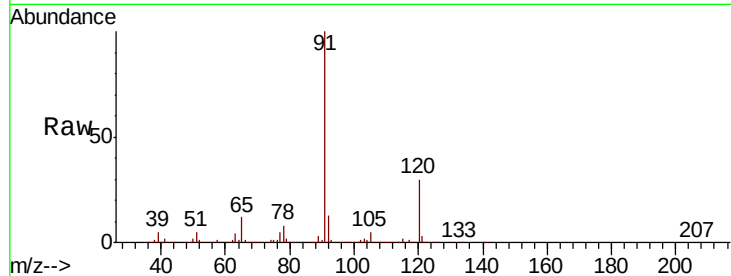
EP1-MW-FD

Tot Ion: 75 Resp: 89615

Ion Ratio Lower Upper

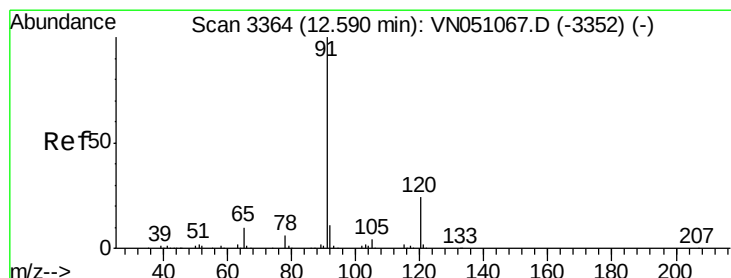
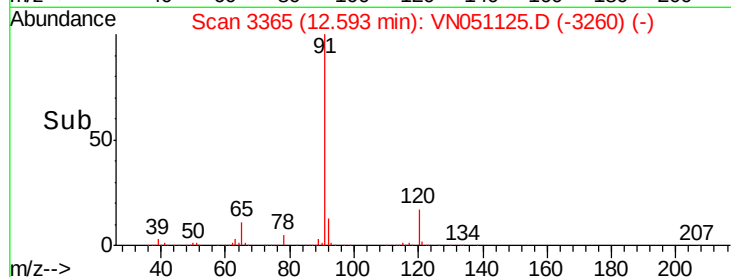
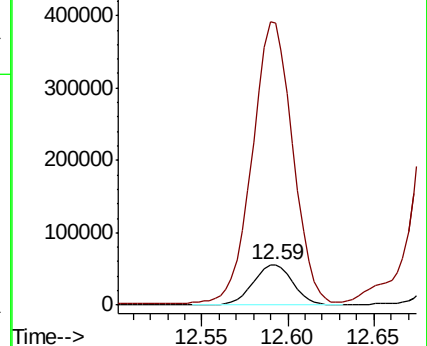
75 100

77 702.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 382.91 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN051125.D

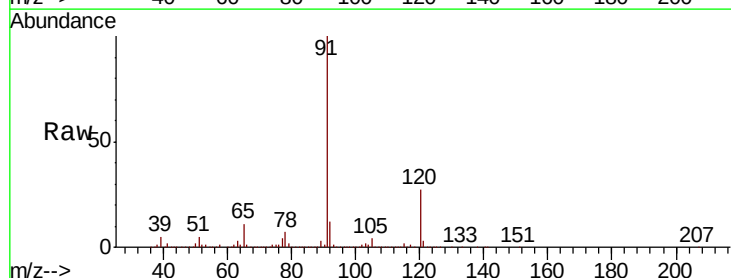
Acq: 11 Sep 2018 14:23

Tgt Ion: 91 Resp:15691510

Ion Ratio Lower Upper

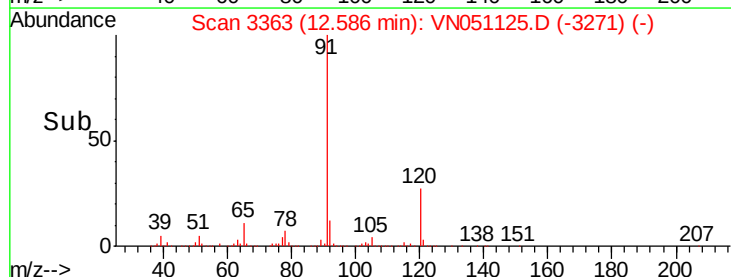
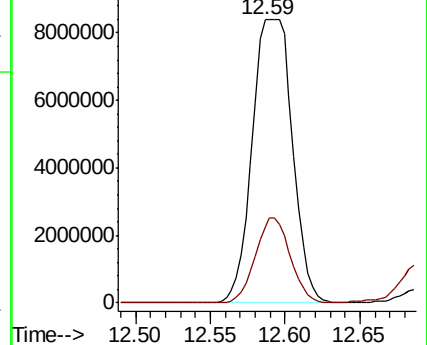
91 100

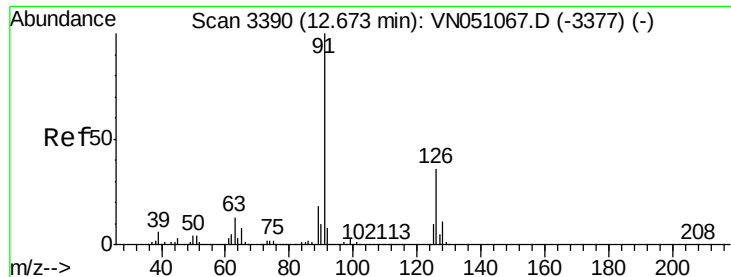
120 25.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 25.73 ug/l

RT: 12.69 min Scan# 3395

Delta R.T. 0.02 min

Lab File: VN051125.D

Acq: 11 Sep 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

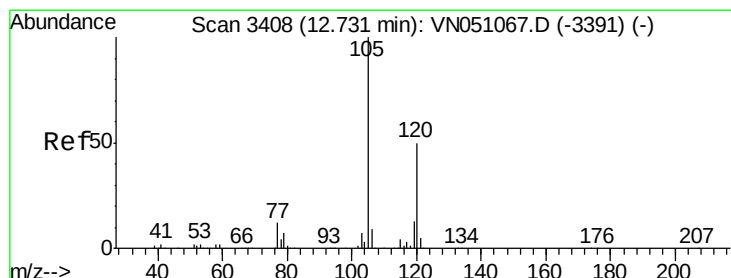
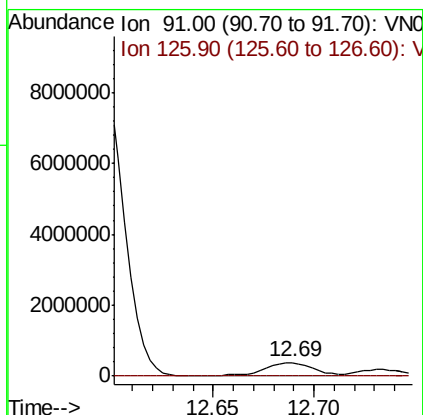
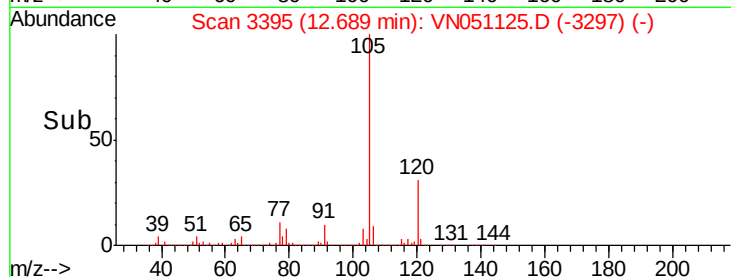
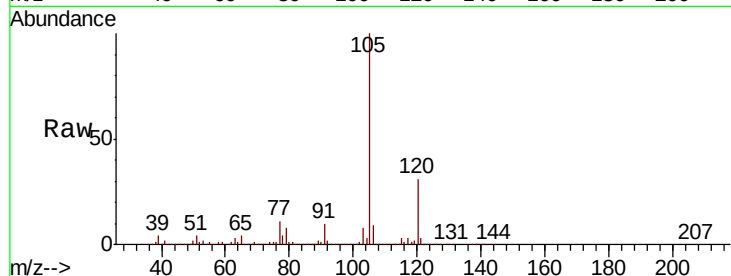
EP1-MW-FD

Tot Ion: 91 Resp: 659148

Ion Ratio Lower Upper

91 100

126 0.0 17.9 53.7#



#80

1,3,5-Trimethylbenzene

Concen: 101.93 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051125.D

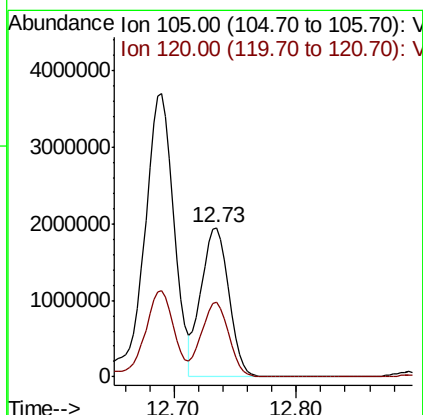
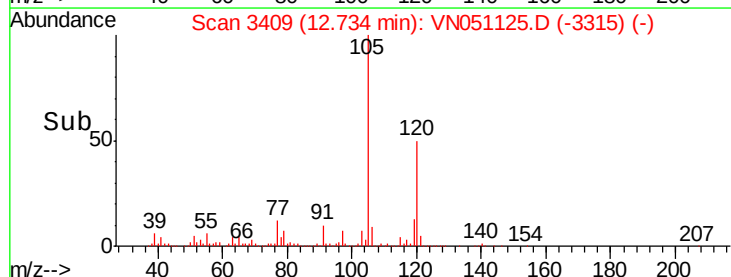
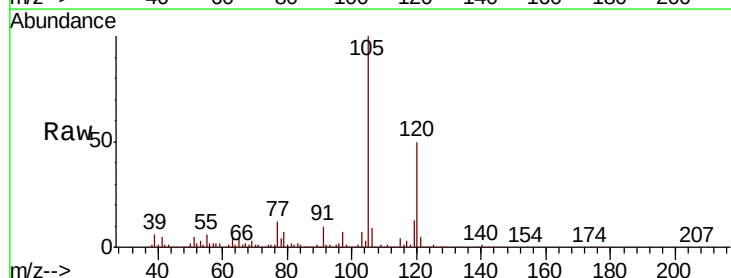
Acq: 11 Sep 2018 14:23

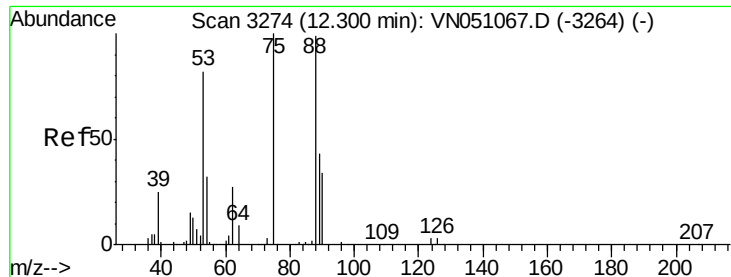
Tgt Ion: 105 Resp: 3072341

Ion Ratio Lower Upper

105 100

120 49.4 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 34.29 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.05 min

Lab File: VN051125.D

Acq: 11 Sep 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-FD

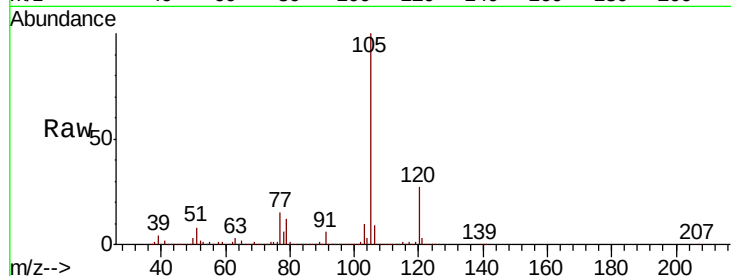
Tot Ion: 75 Resp: 80257

Ion Ratio Lower Upper

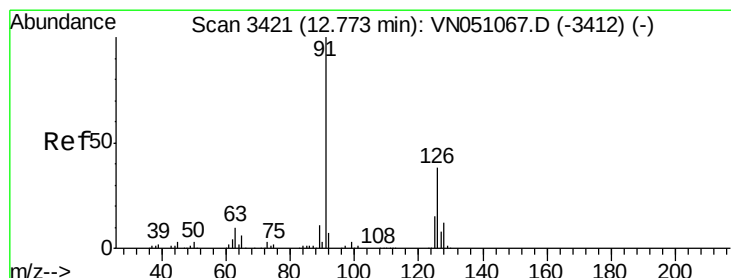
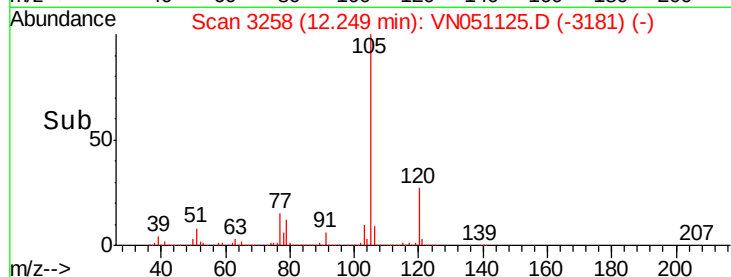
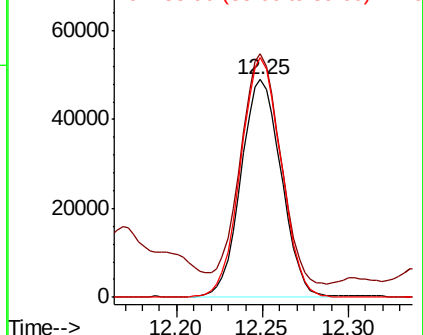
75 100

53 104.2 67.8 101.8#

89 109.9 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 53.00 (52.70 to 53.70): VNO
Ion 88.90 (88.60 to 89.60): VNO



#82

4-Chlorotoluene

Concen: 25.92 ug/l

RT: 12.69 min Scan# 3395

Delta R.T. -0.08 min

Lab File: VN051125.D

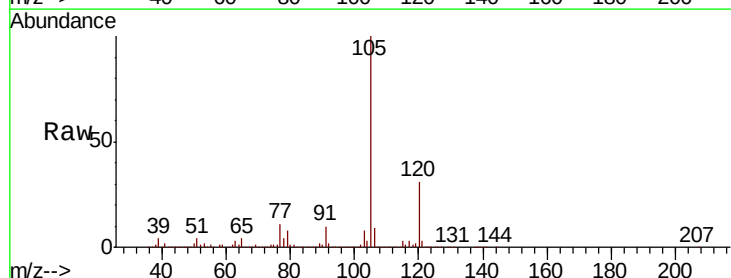
Acq: 11 Sep 2018 14:23

Tgt Ion: 91 Resp: 659148

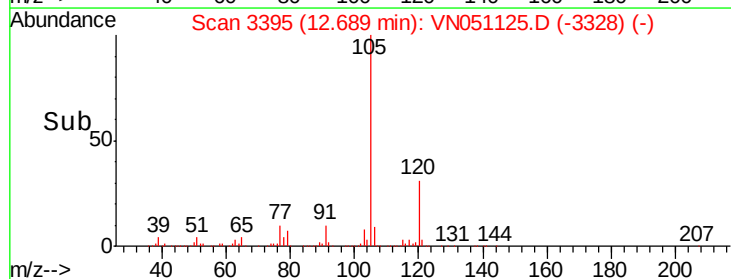
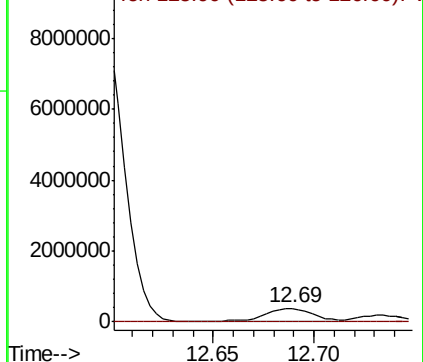
Ion Ratio Lower Upper

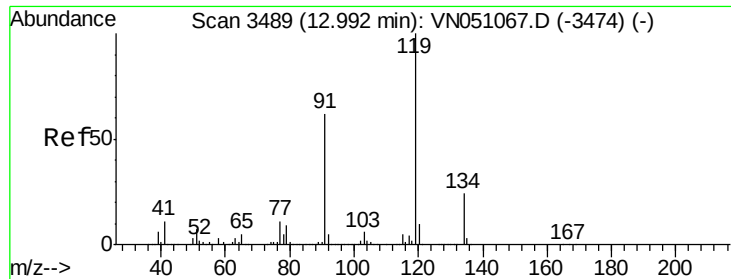
91 100

126 0.0 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VNO
Ion 125.90 (125.60 to 126.60): V

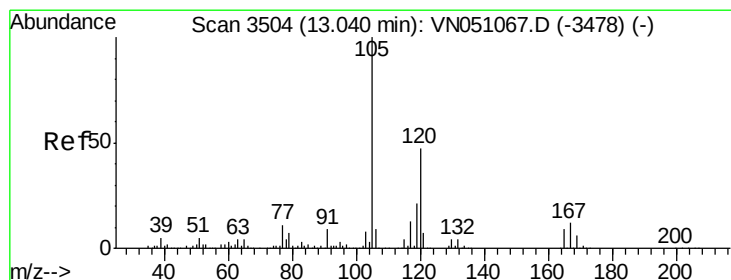
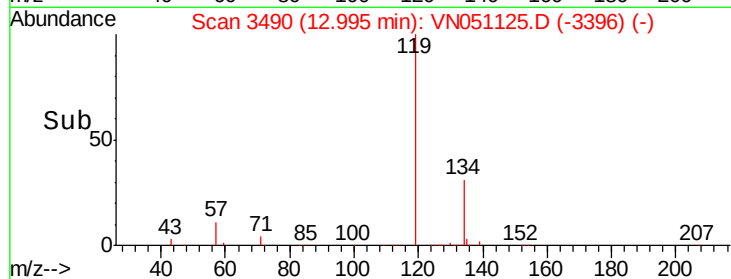
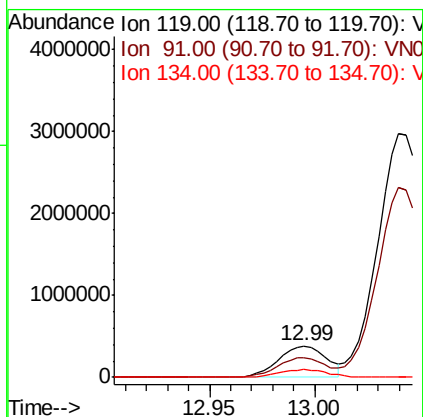
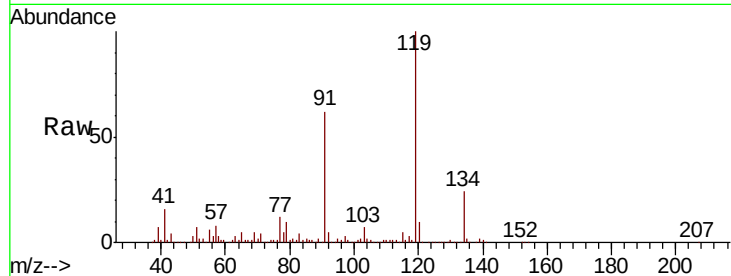




#83
 tert-Butylbenzene
 Concen: 22.56 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051125.D
 Acq: 11 Sep 2018 14:23

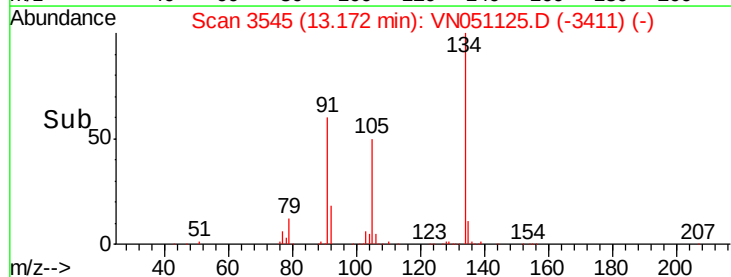
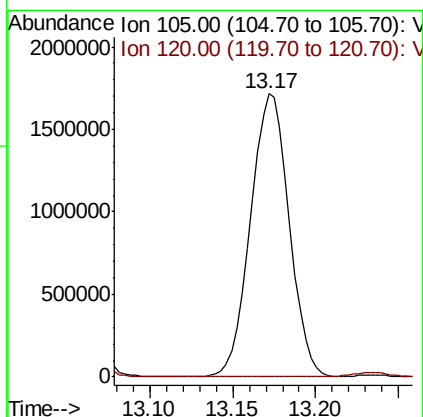
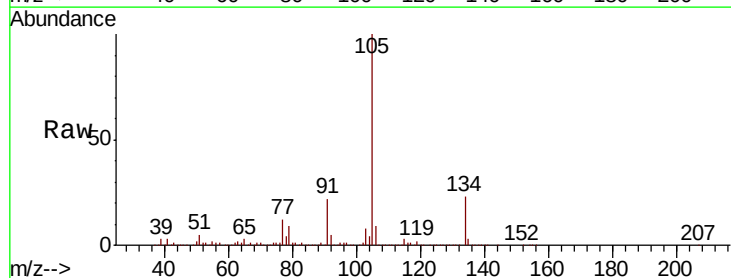
Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-FD

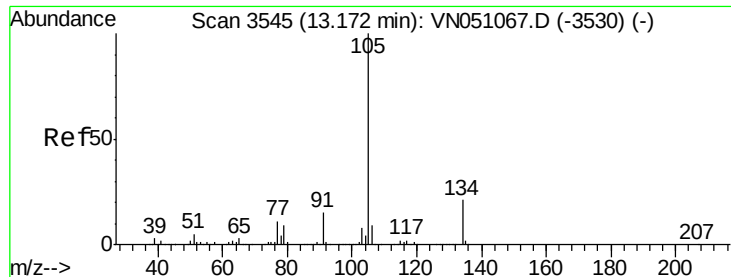
Tot Ion:119 Resp: 600209
 Ion Ratio Lower Upper
 119 100
 91 63.4 30.8 92.3
 134 25.1 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 93.49 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.13 min
 Lab File: VN051125.D
 Acq: 11 Sep 2018 14:23

Tgt Ion:105 Resp: 2770671
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.3 69.8#





#85

sec-Butylbenzene

Concen: 81.19 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051125.D

Acq: 11 Sep 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

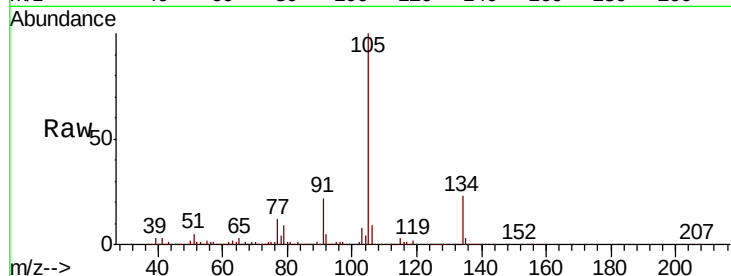
EP1-MW-FD

Tot Ion:105 Resp: 2770671

Ion Ratio Lower Upper

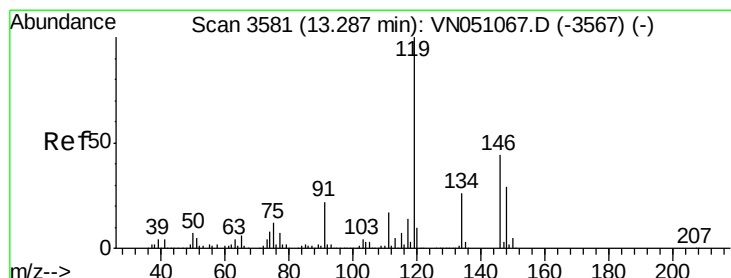
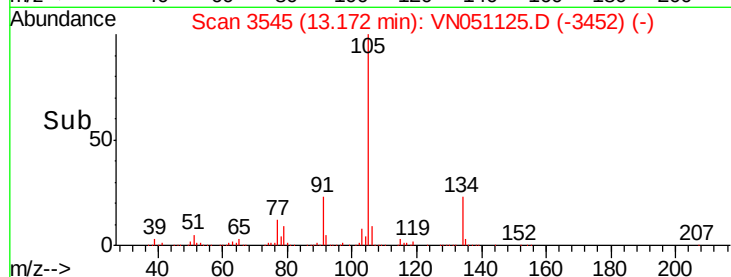
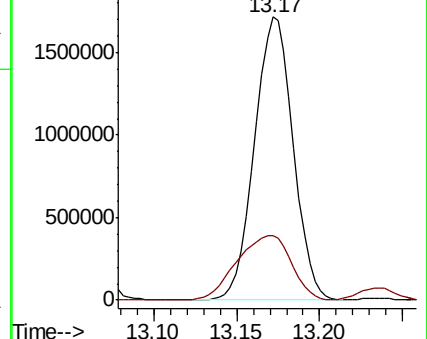
105 100

134 32.3 10.4 31.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 31.27 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051125.D

Acq: 11 Sep 2018 14:23

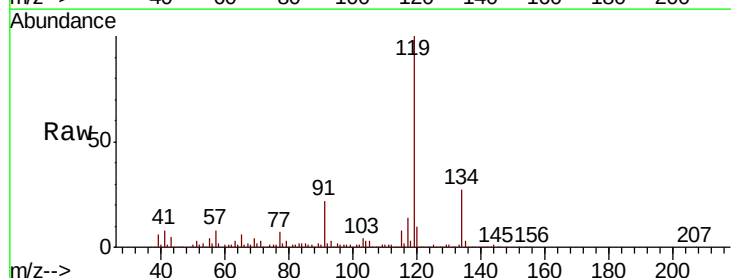
Tgt Ion:119 Resp: 904767

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

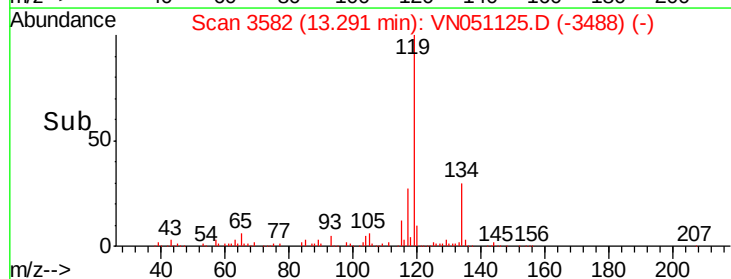
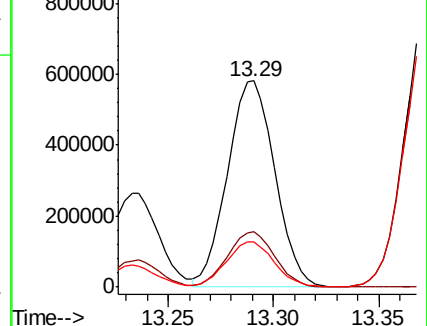
91 21.6 10.9 32.9

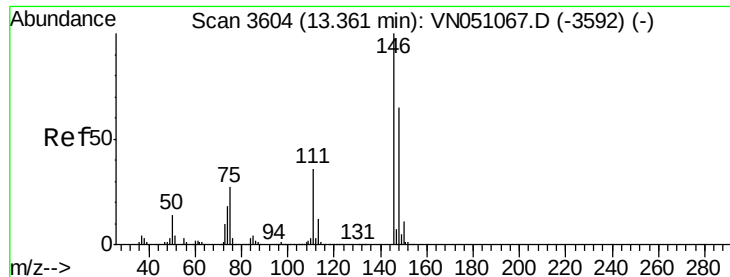


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#88

1,4-Dichlorobenzene

Concen: 0.42 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN051125.D

Acq: 11 Sep 2018 14:23

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-FD

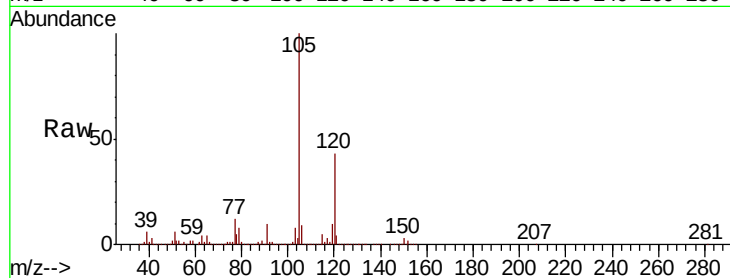
Tot Ion:146 Resp: 6432

Ion Ratio Lower Upper

146 100

111 343.4 18.4 55.0#

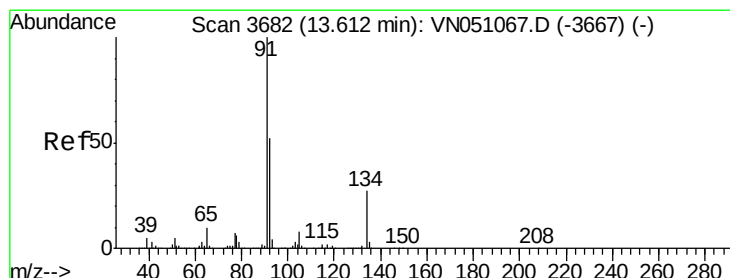
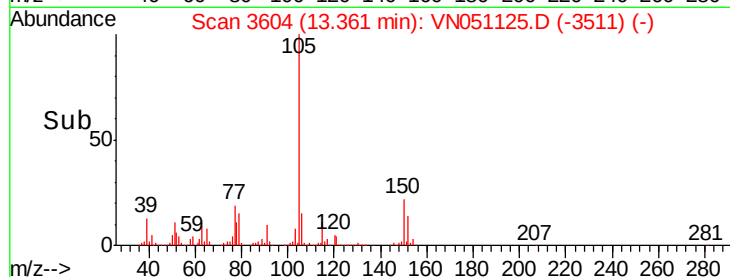
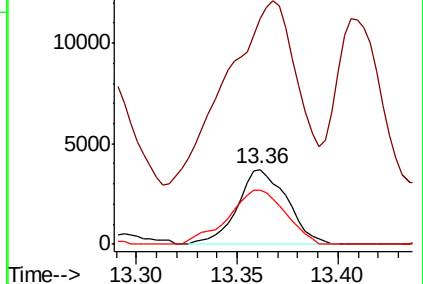
148 82.9 32.2 96.6



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: 65.93 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051125.D

Acq: 11 Sep 2018 14:23

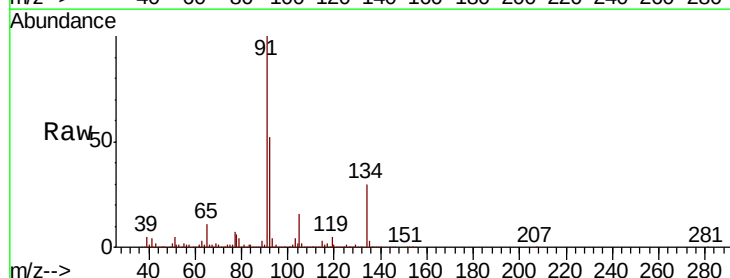
Tgt Ion: 91 Resp: 1484766

Ion Ratio Lower Upper

91 100

92 43.7 26.2 78.6

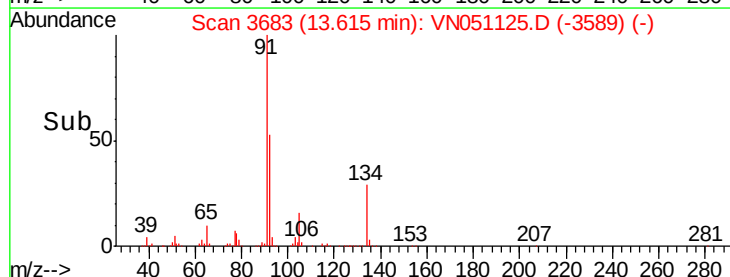
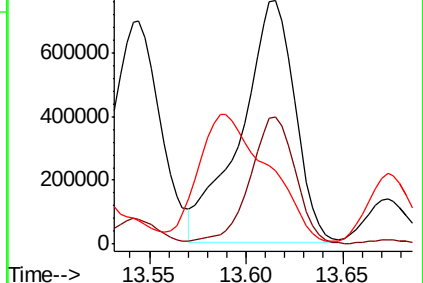
134 0.0 13.7 41.1#

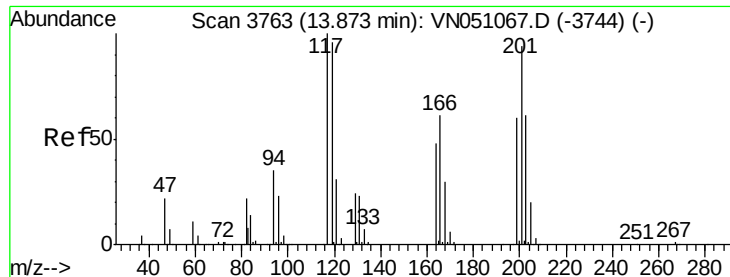


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 85.93 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN051125.D

Acq: 11 Sep 2018 14:23

Instrument :

MSVOA_N

ClientSampled :

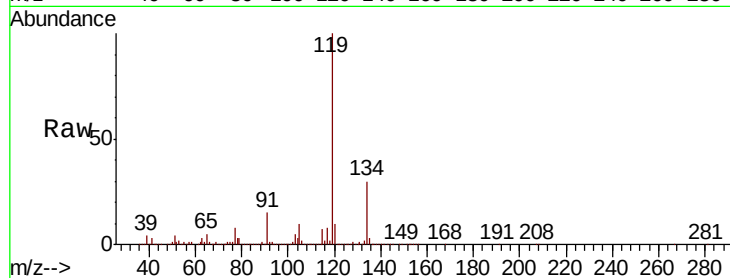
EP1-MW-FD

Tot Ion:117 Resp: 450375

Ion Ratio Lower Upper

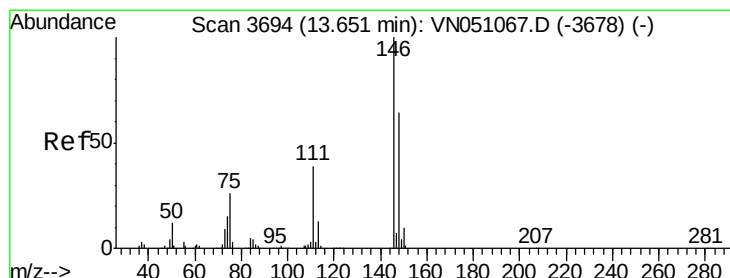
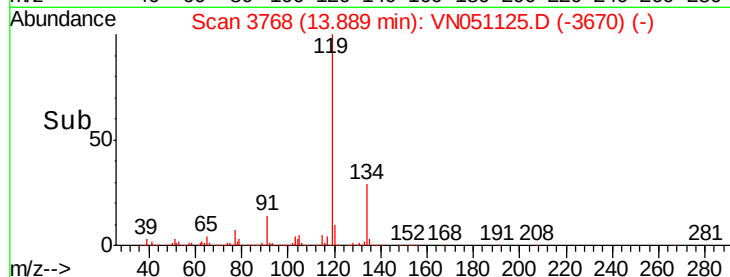
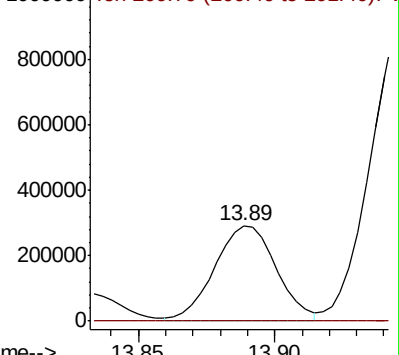
117 100

201 0.0 47.3 142.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.35 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.01 min

Lab File: VN051125.D

Acq: 11 Sep 2018 14:23

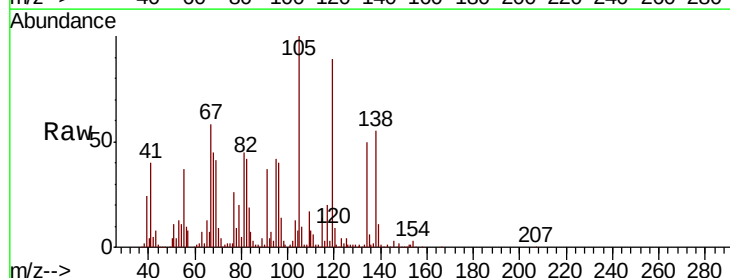
Tgt Ion:146 Resp: 5818

Ion Ratio Lower Upper

146 100

111 169.0 19.7 59.0#

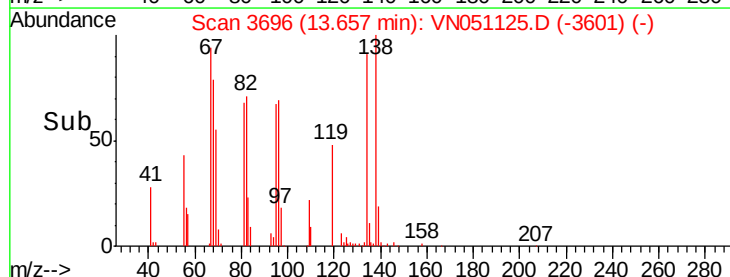
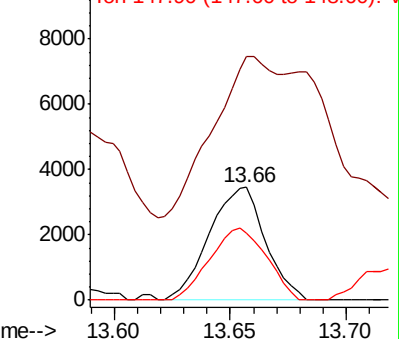
148 64.1 32.1 96.3

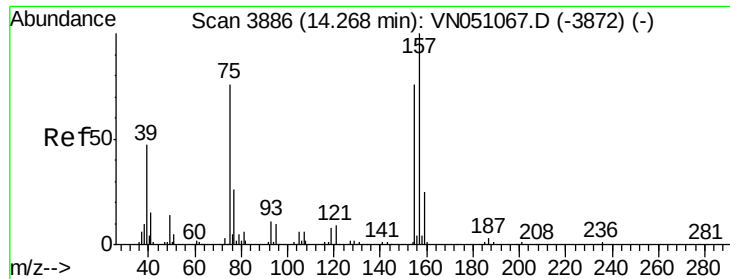


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

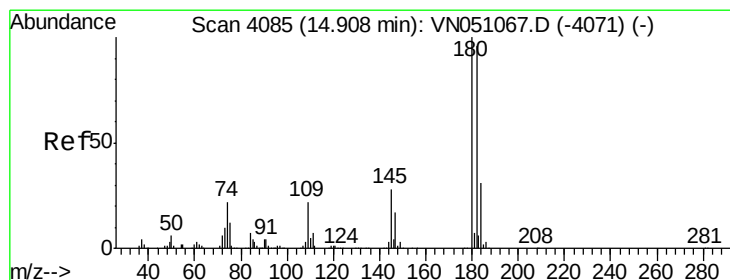
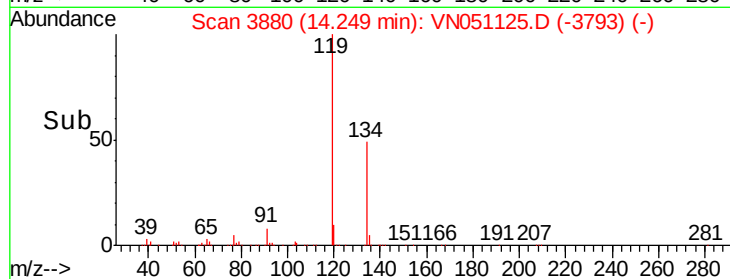
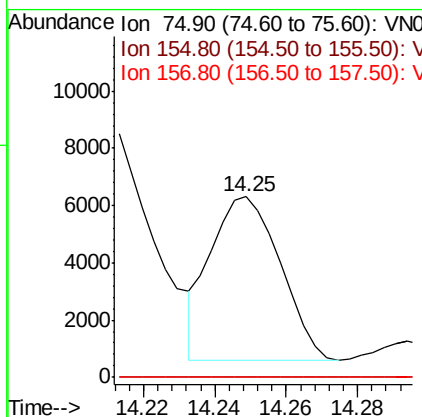
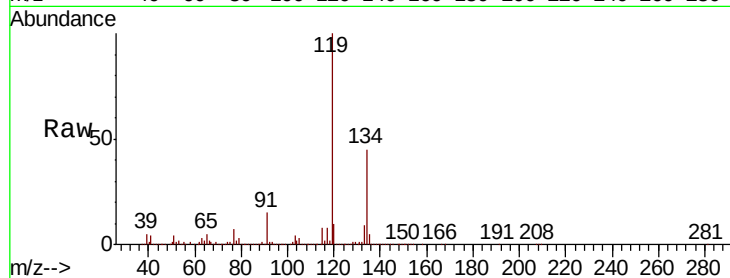




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.62 ug/l
 RT: 14.25 min Scan# 3880
 Delta R.T. -0.02 min
 Lab File: VN051125.D
 Acq: 11 Sep 2018 14:23

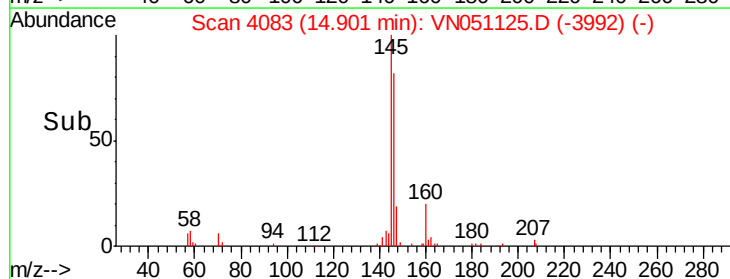
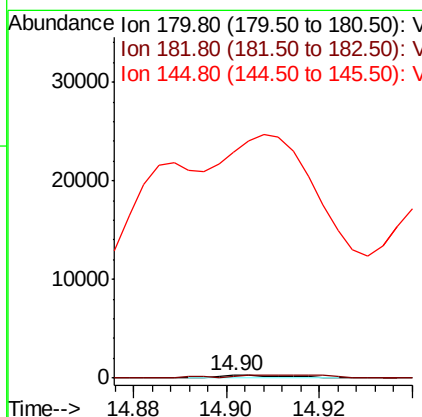
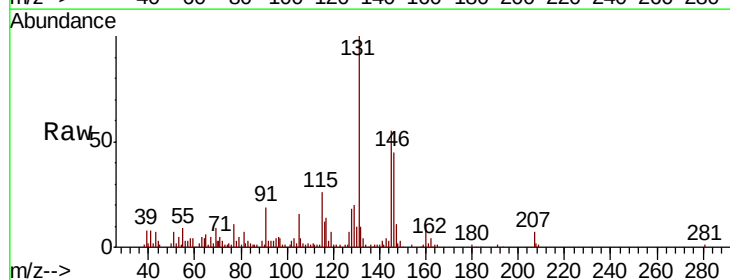
Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-FD

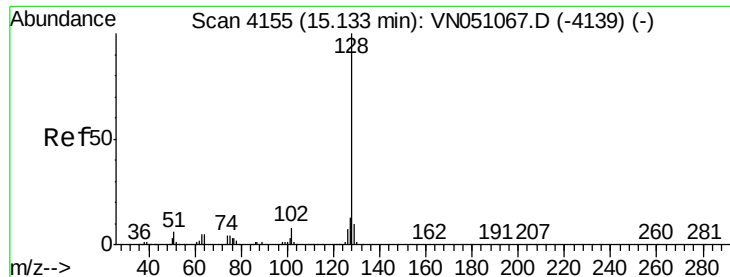
Tot Ion: 75 Resp: 7699
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.7 146.1#
 157 0.0 63.6 190.9#



#93
 1,2,4-Trichlorobenzene
 Concen: 4.02 ug/l
 RT: 14.90 min Scan# 4083
 Delta R.T. -0.01 min
 Lab File: VN051125.D
 Acq: 11 Sep 2018 14:23

Tgt Ion: 180 Resp: 302
 Ion Ratio Lower Upper
 180 100
 182 134.4 47.3 141.8
 145 0.0 14.2 42.6#

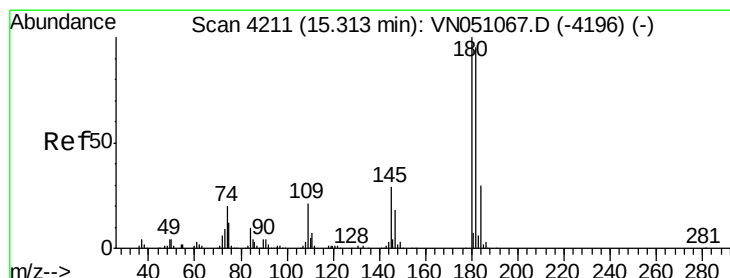
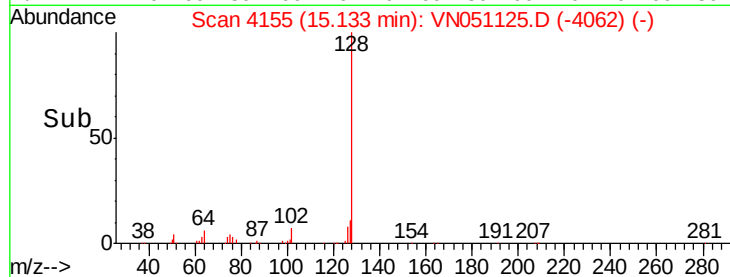
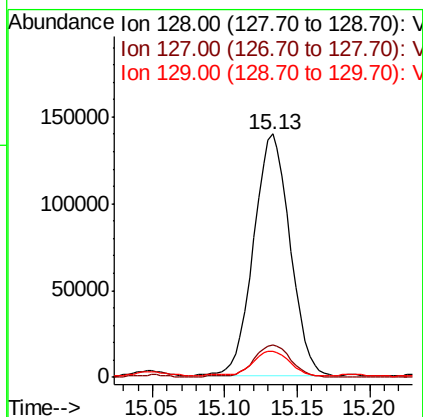
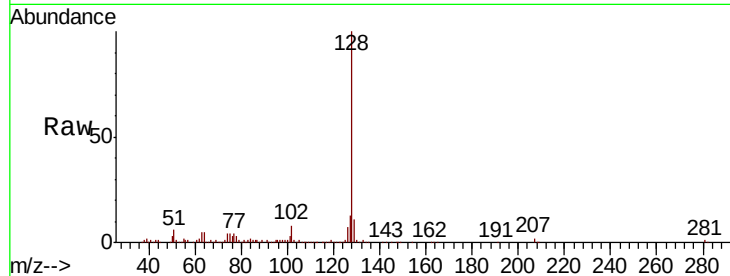




#95
Naphthalene
Concen: 18.33 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051125.D
Acq: 11 Sep 2018 14:23

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-FD

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	10.5	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 2.99 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN051125.D
Acq: 11 Sep 2018 14:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	77.8	47.8	143.3
145	0.0	14.6	43.8#

