

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051128.D
 Acq On : 11 Sep 2018 15:37
 Operator : MD\SY
 Sample : J4849-11DL 25X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-FDDL

Quant Time: Sep 12 01:05:49 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	671194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1022835	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	888997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	360881	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	392751	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
35) Dibromofluoromethane	7.59	113	382737	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
50) Toluene-d8	10.09	98	1415991	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
62) 4-Bromofluorobenzene	12.40	95	432460	44.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.66%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	2694	Below Cal		89
5) Bromomethane	2.57	94	2579	Below Cal	#	78
10) Methyl Iodide	3.95	142	356	5.68	ug/l #	44
11) Tert butyl alcohol	4.76	59	259	0.45	ug/l #	73
16) Acetone	3.83	43	1897	Below Cal	#	40
17) Carbon Disulfide	4.05	76	4218	0.31	ug/l #	95
18) Methyl Acetate	4.33	43	2493	0.42	ug/l #	61
25) 2-Butanone	6.85	43	746	0.25	ug/l #	46
31) Cyclohexane	7.67	56	11238	0.69	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	41546	3.70	ug/l #	48
38) Carbon Tetrachloride	7.67	117	55990	5.07	ug/l #	17
39) Methylcyclohexane	9.09	83	4120	0.33	ug/l	94
43) Isopropyl Acetate	8.27	43	32038	2.79	ug/l #	50
48) Methyl methacrylate	9.09	41	1994	0.36	ug/l #	42
56) Ethyl methacrylate	10.44	69	549	2.51	ug/l #	4
67) Ethyl Benzene	11.51	91	13808	0.38	ug/l	99
68) m/p-Xylenes	11.63	106	58061	4.16	ug/l	96
73) Isopropylbenzene	12.25	105	241983	8.00	ug/l	99
74) N-amyl acetate	12.04	43	2201	0.29	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.46	83	552	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	199648	35.24	ug/l #	100
78) n-propylbenzene	12.59	91	529814	15.93	ug/l	98
79) 2-Chlorotoluene	12.69	91	16652	0.80	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	100397	4.10	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	199648	105.07	ug/l #	15
82) 4-Chlorotoluene	12.69	91	16652	0.81	ug/l #	40
83) tert-Butylbenzene	12.99	119	19715	0.91	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1277971	53.12	ug/l	100
85) sec-Butylbenzene	13.17	105	92861	3.35	ug/l #	77
86) p-Isopropyltoluene	13.29	119	25794	1.10	ug/l	96
89) n-Butylbenzene	13.62	91	39615	2.17	ug/l #	75
90) Hexachloroethane	13.89	117	14560	2.82	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.25	75	228	0.87	ug/l #	1
95) Naphthalene	15.13	128	4734	5.65	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration

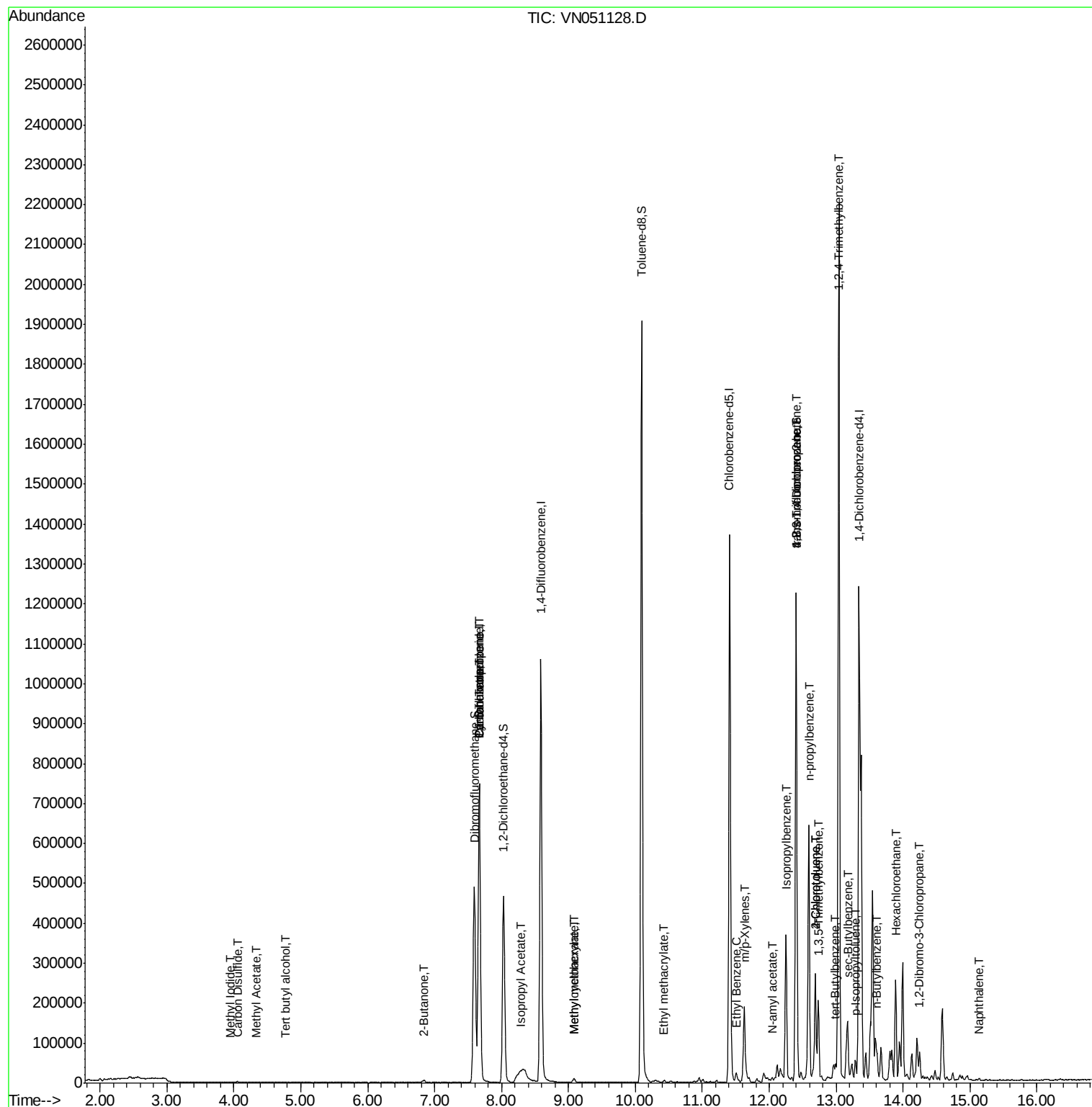
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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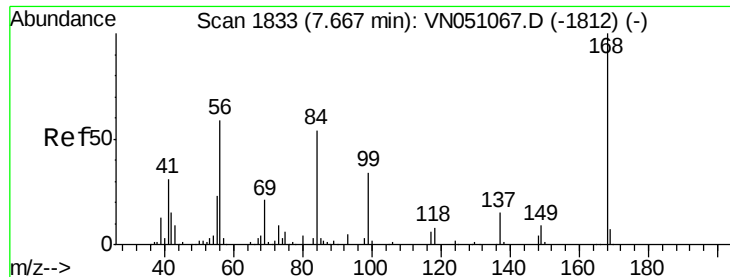
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091118\
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Acq On : 11 Sep 2018 15:37
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051128.D

Acq: 11 Sep 2018 15:37

Instrument :

MSVOA_N

ClientSampleId :

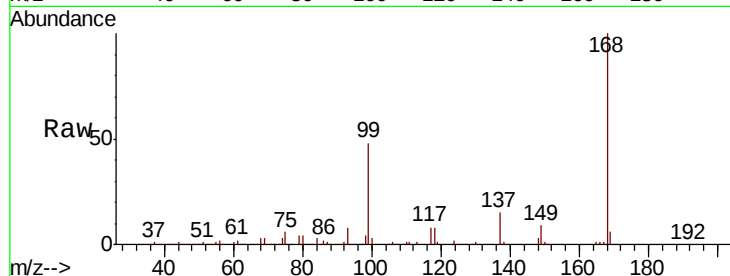
EP1-MW-FDDL

Tot Ion:168 Resp: 671194

Ion Ratio Lower Upper

168 100

99 48.1 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

300000

250000

200000

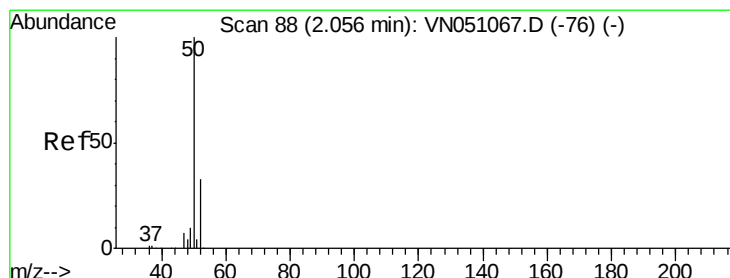
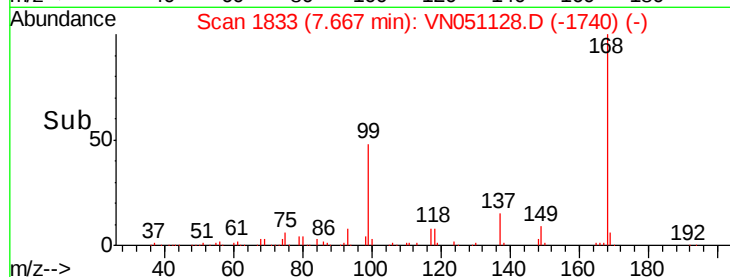
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051128.D

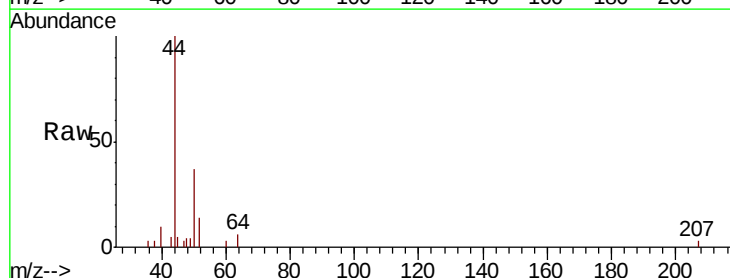
Acq: 11 Sep 2018 15:37

Tgt Ion: 50 Resp: 2694

Ion Ratio Lower Upper

50 100

52 38.7 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.06

2000

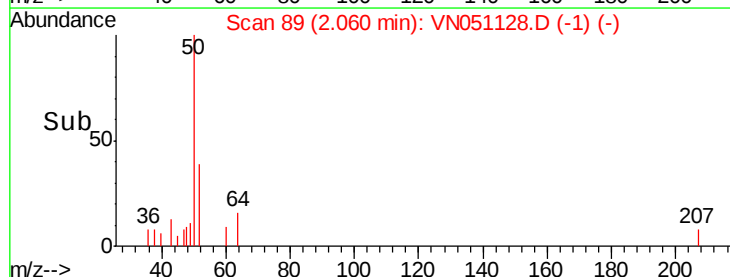
1500

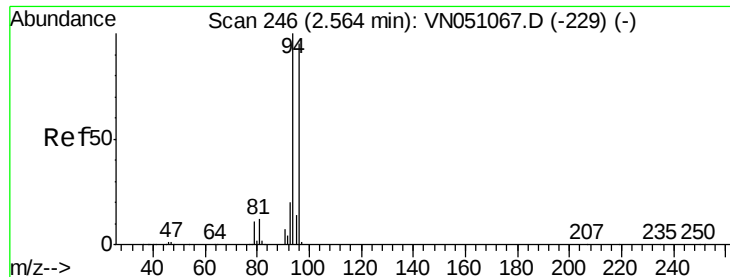
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051128.D

Acq: 11 Sep 2018 15:37

Instrument :

MSVOA_N

ClientSampleId :

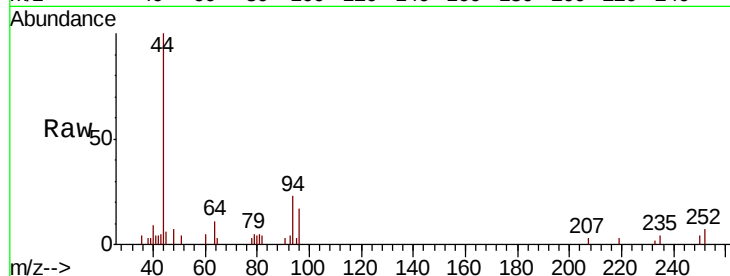
EP1-MW-FDDL

Tot Ion: 94 Resp: 2579

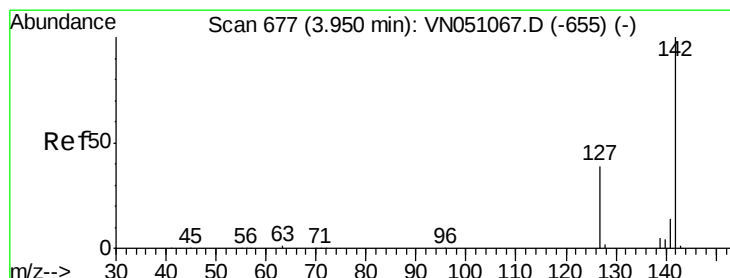
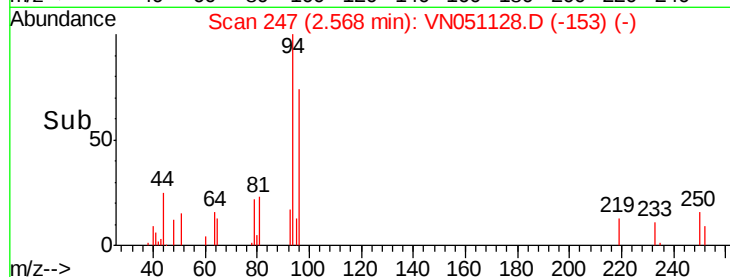
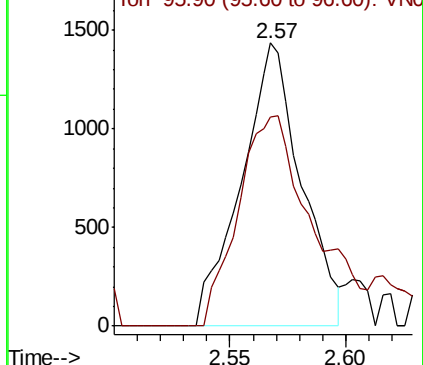
Ion Ratio Lower Upper

94 100

96 73.8 75.9 113.9#



Abundance Ion 93.90 (93.60 to 94.60): VN051128.D (-153) (-)



#10

Methyl Iodide

Concen: 5.68 ug/l

RT: 3.95 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN051128.D

Acq: 11 Sep 2018 15:37

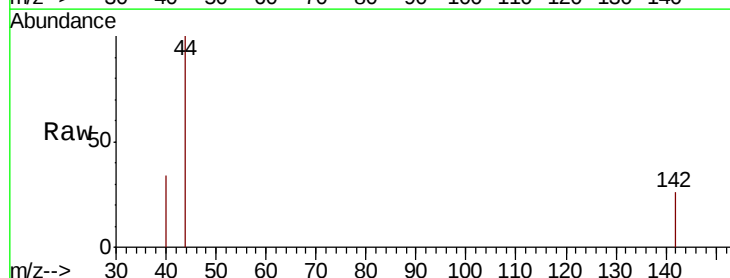
Tgt Ion: 142 Resp: 356

Ion Ratio Lower Upper

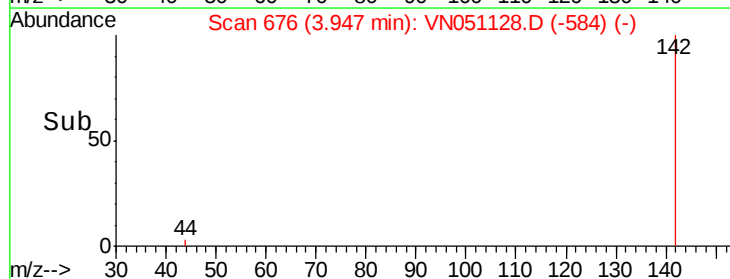
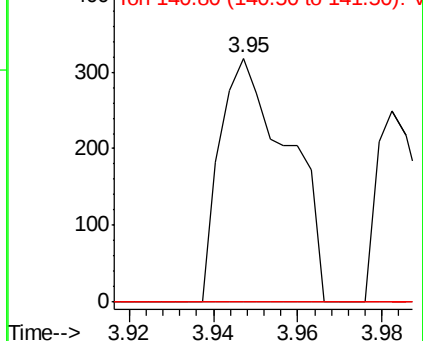
142 100

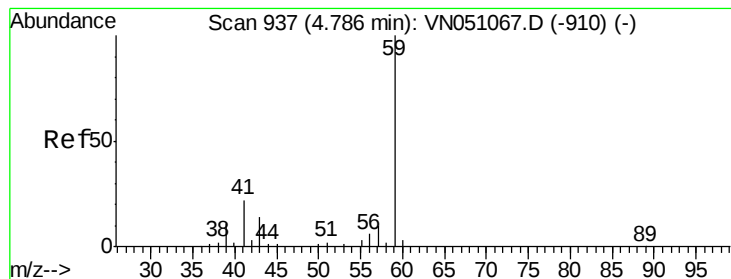
127 0.0 31.0 46.4#

141 0.0 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): VN051128.D (-584) (-)



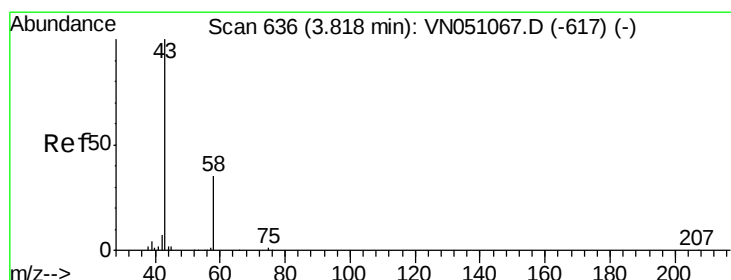
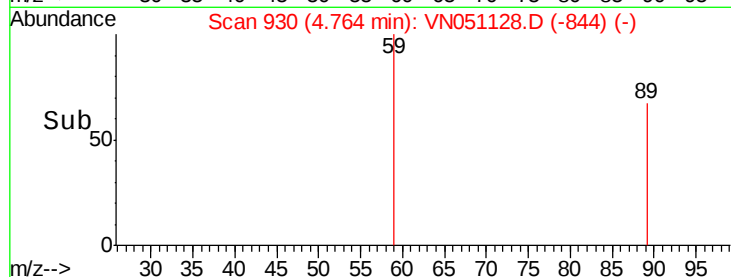
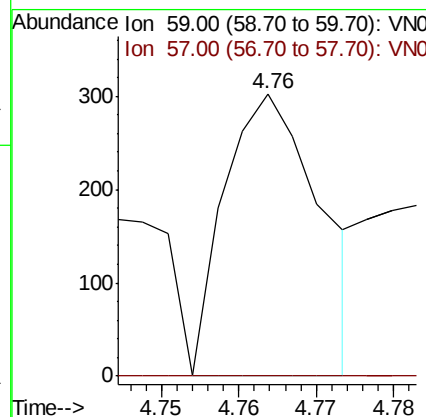
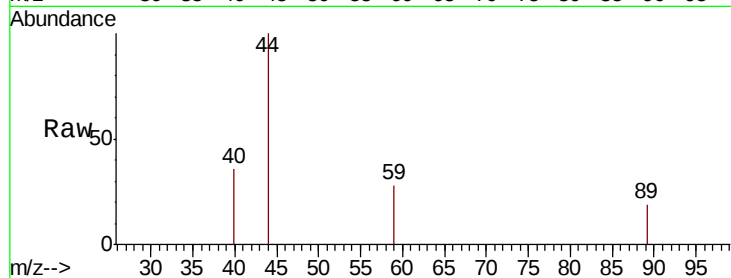


#11

Tert butyl alcohol
 Concen: 0.45 ug/l
 RT: 4.76 min Scan# 930
 Delta R.T. -0.02 min
 Lab File: VN051128.D
 Acq: 11 Sep 2018 15:37

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-FDDL

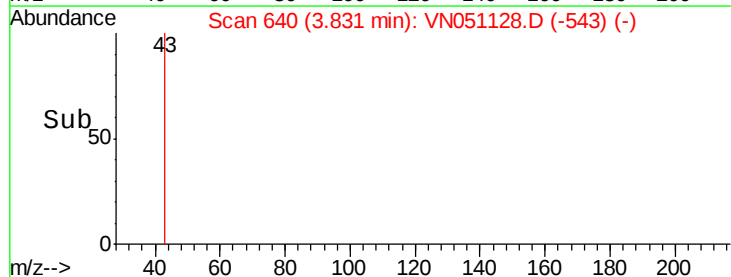
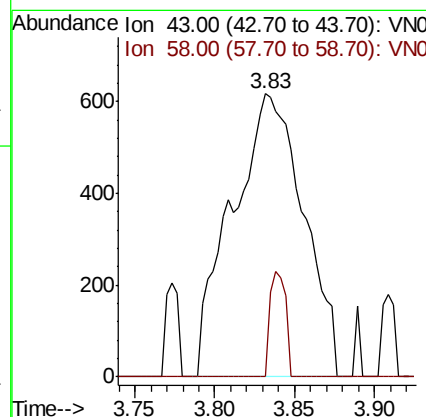
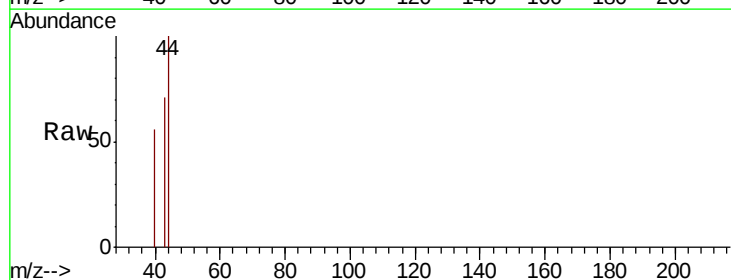
Tot Ion: 59 Resp: 259
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

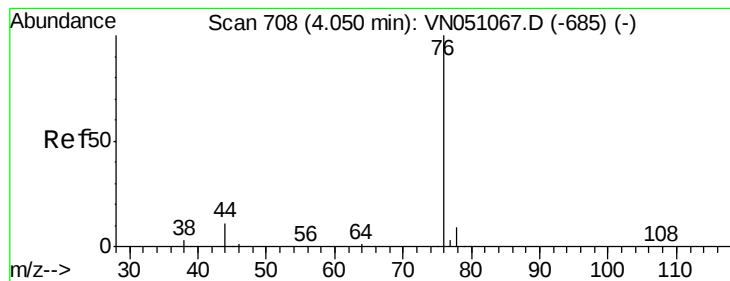


#16

Acetone
 Concen: Below Cal
 RT: 3.83 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: VN051128.D
 Acq: 11 Sep 2018 15:37

Tgt Ion: 43 Resp: 1897
 Ion Ratio Lower Upper
 43 100
 58 0.0 27.8 41.6#





#17

Carbon Disulfide

Concen: 0.31 ug/l

RT: 4.05 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN051128.D

Acq: 11 Sep 2018 15:37

Instrument :

MSVOA_N

ClientSampleId :

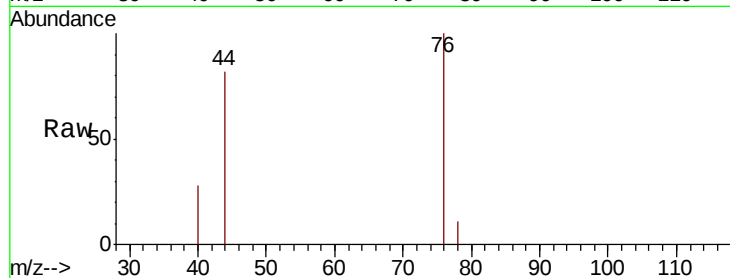
EP1-MW-FDDL

Tot Ion: 76 Resp: 4218

Ion Ratio Lower Upper

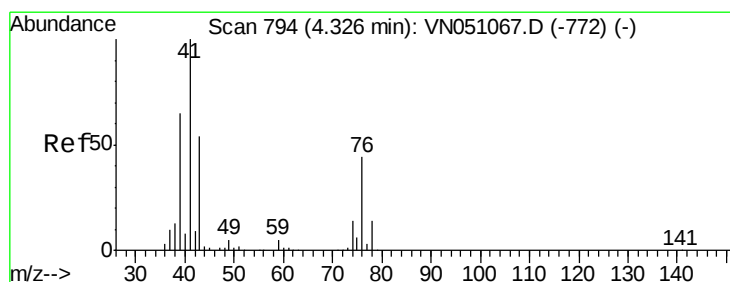
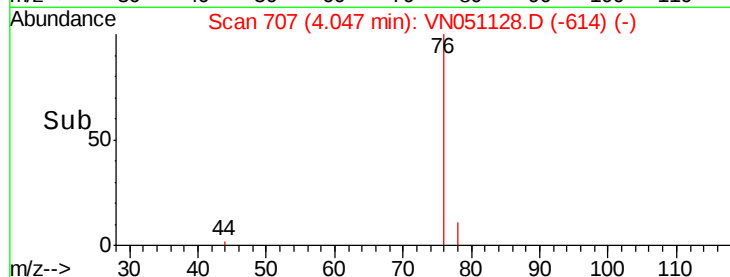
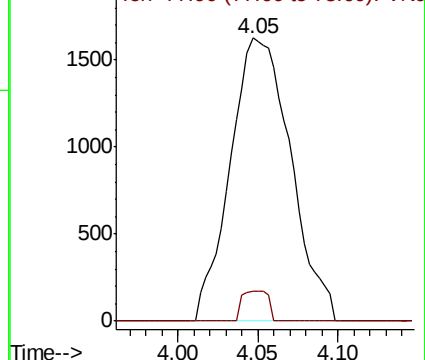
76 100

78 10.8 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 0.42 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN051128.D

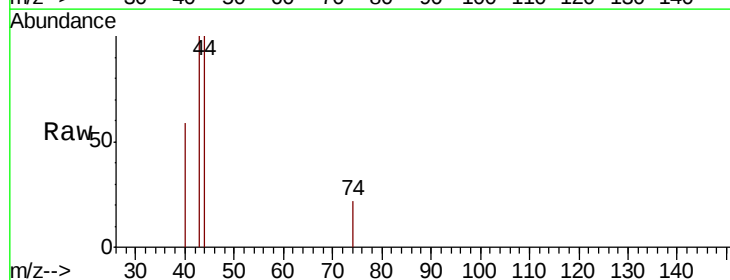
Acq: 11 Sep 2018 15:37

Tgt Ion: 43 Resp: 2493

Ion Ratio Lower Upper

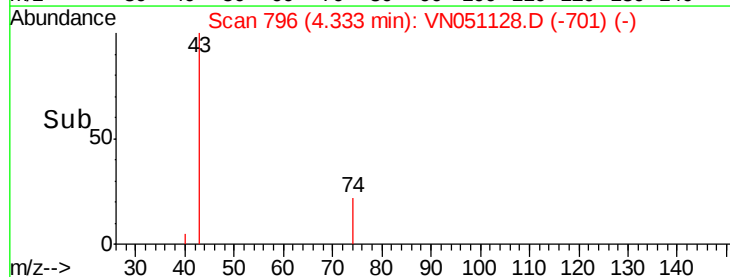
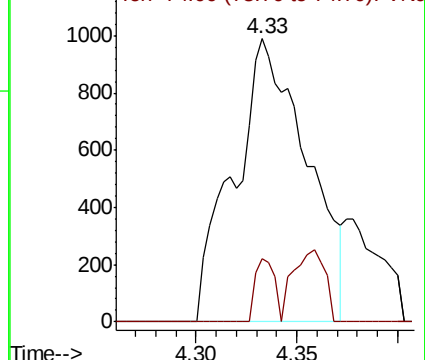
43 100

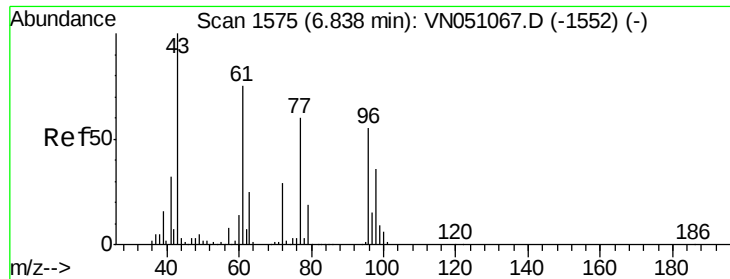
74 5.9 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

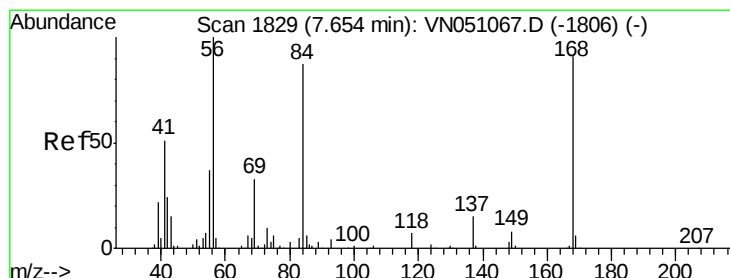
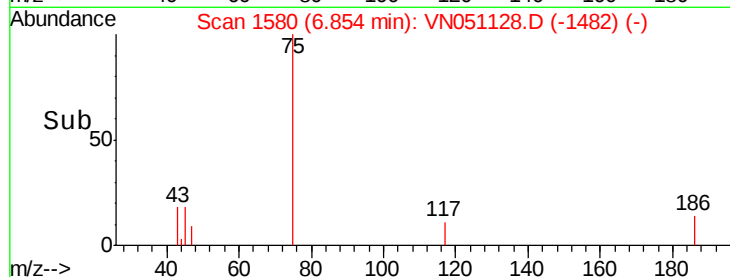
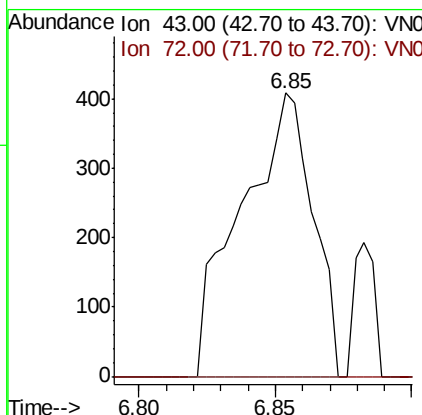
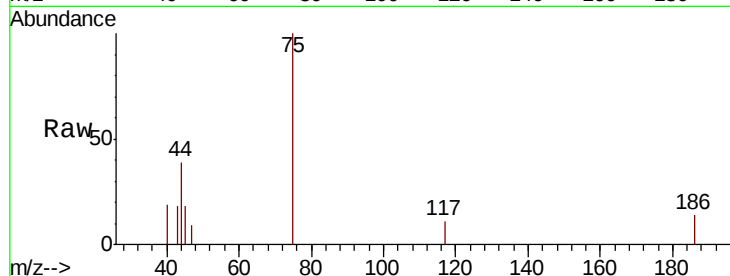




#25
2-Butanone
Concen: 0.25 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN051128.D
Acq: 11 Sep 2018 15:37

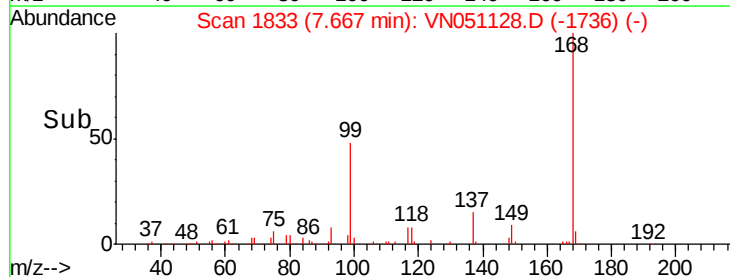
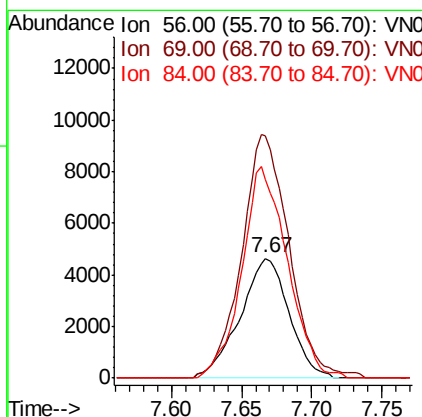
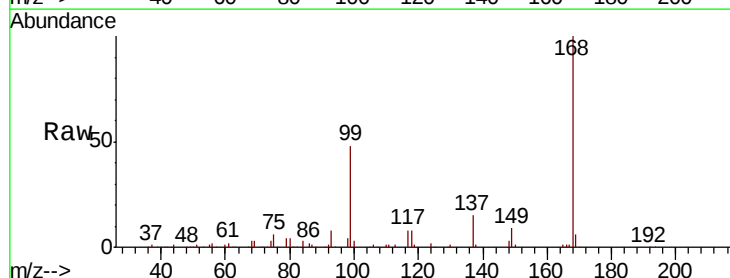
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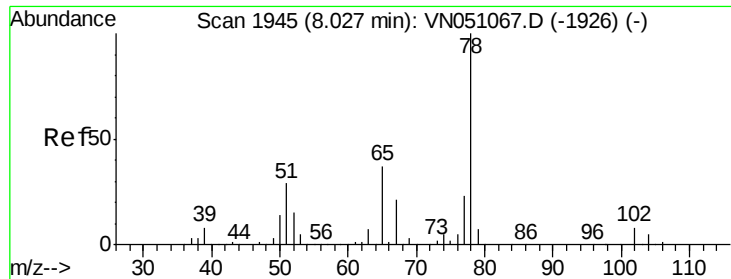
Tot Ion: 43 Resp: 746
Ion Ratio Lower Upper
43 100
72 0.0 23.0 34.6#



#31
Cyclohexane
Concen: 0.69 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN051128.D
Acq: 11 Sep 2018 15:37

Tgt Ion: 56 Resp: 11238
Ion Ratio Lower Upper
56 100
69 202.2 26.3 39.5#
84 166.3 69.4 104.0#

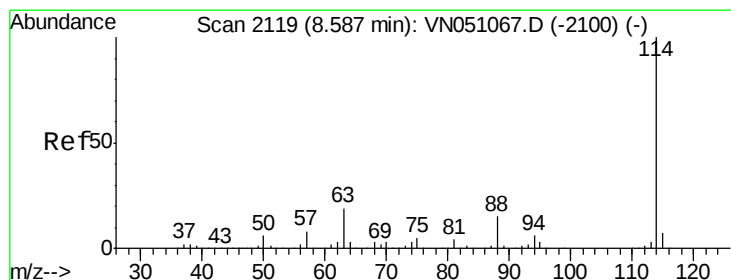
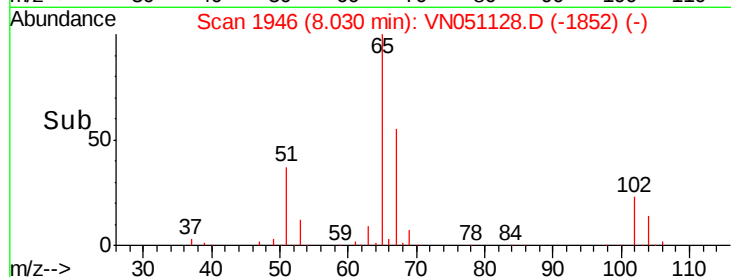
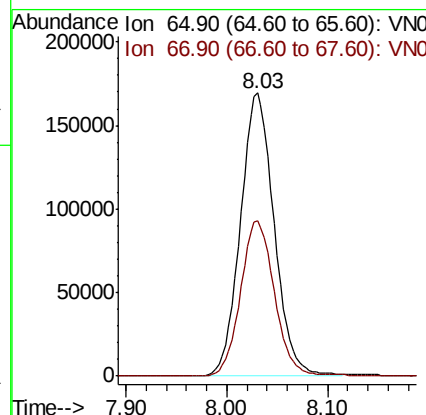
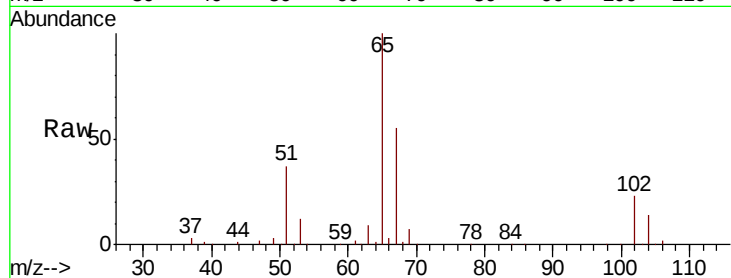




#33
 1,2-Dichloroethane-d4
 Concen: 52.58 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051128.D
 Acq: 11 Sep 2018 15:37

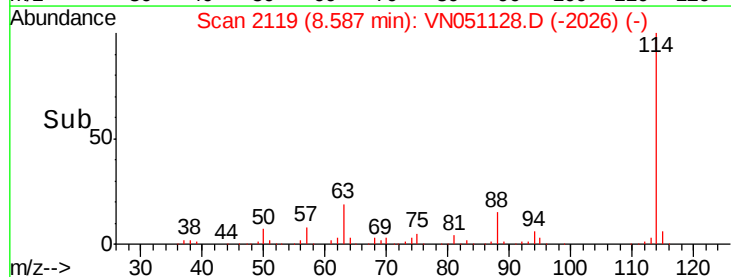
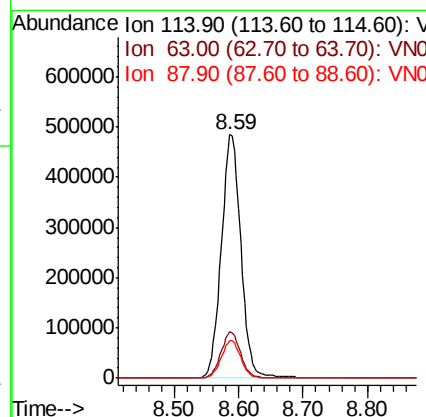
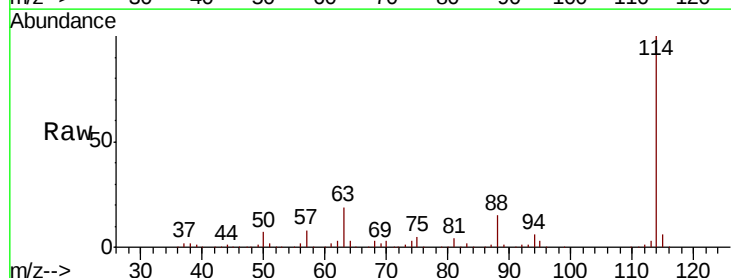
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-FDDL

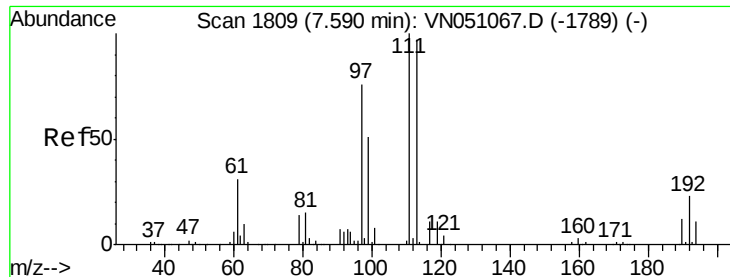
Tot Ion: 65 Resp: 392751
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051128.D
 Acq: 11 Sep 2018 15:37

Tgt Ion: 114 Resp: 1022835
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.8
 88 15.3 0.0 30.8

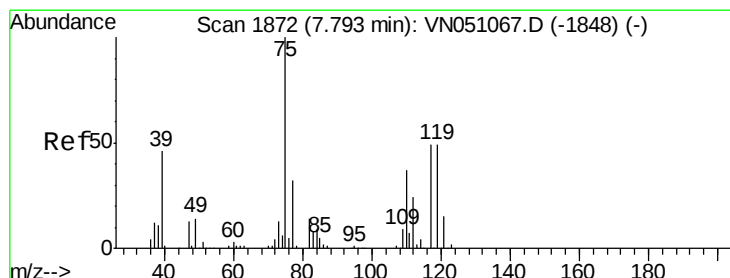
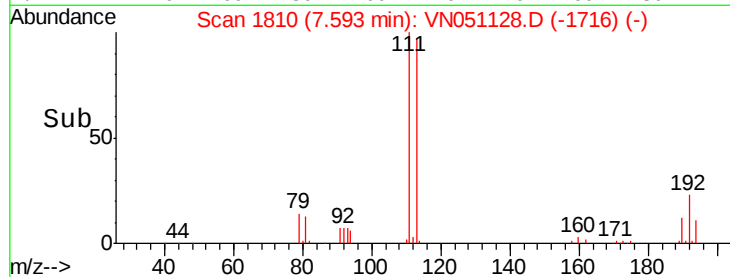
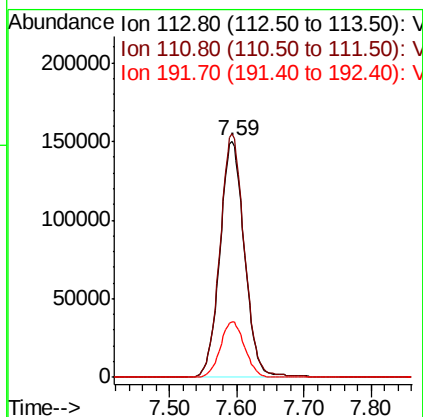
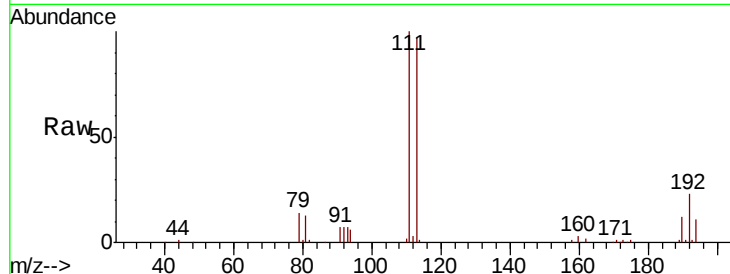




#35
Dibromofluoromethane
Concen: 49.80 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051128.D
Acq: 11 Sep 2018 15:37

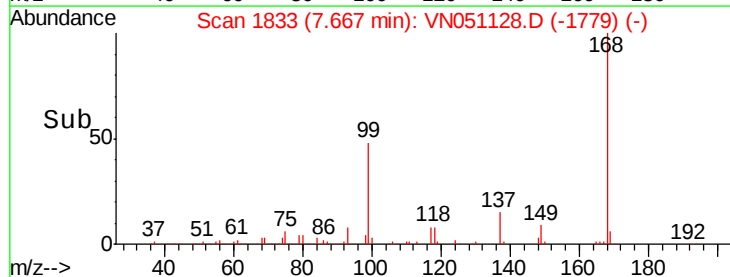
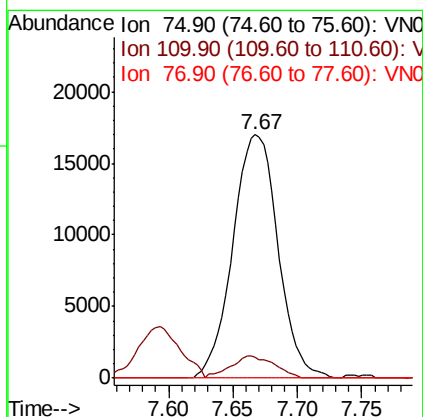
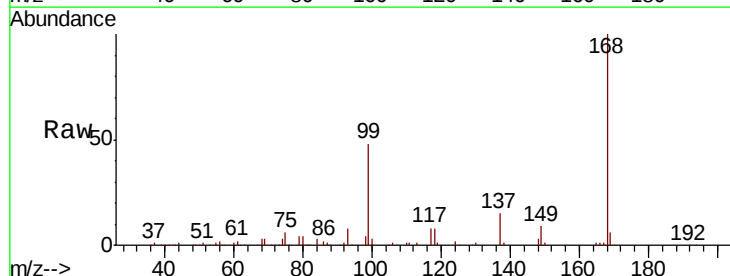
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-FDDL

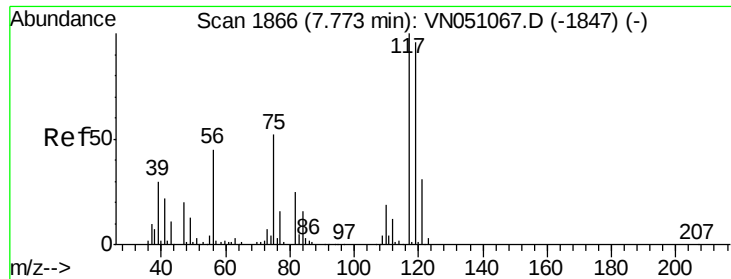
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.0	124.6
192	23.4	18.7	28.1



#36
1,1-Dichloropropene
Concen: 3.70 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN051128.D
Acq: 11 Sep 2018 15:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.6	55.8#
77	0.0	25.2	37.8#

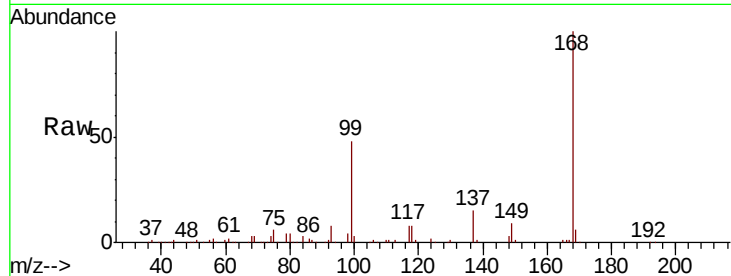




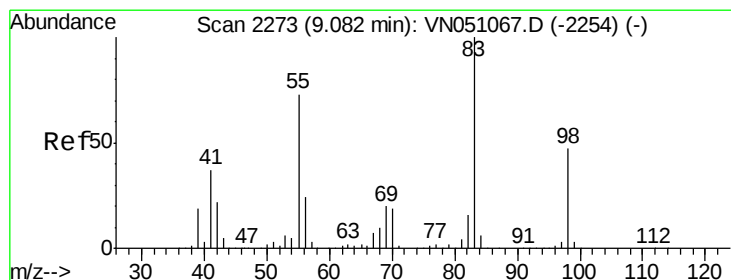
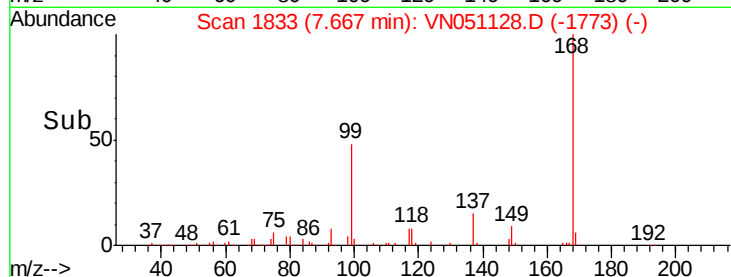
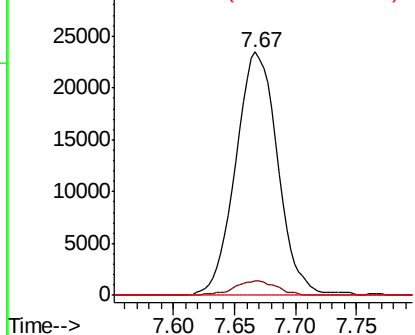
#38
Carbon Tetrachloride
Concen: 5.07 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051128.D
Acq: 11 Sep 2018 15:37

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-FDDL

Tot Ion:117 Resp: 55990
Ion Ratio Lower Upper
117 100
119 6.1 76.8 115.2#
121 0.0 24.6 36.8#

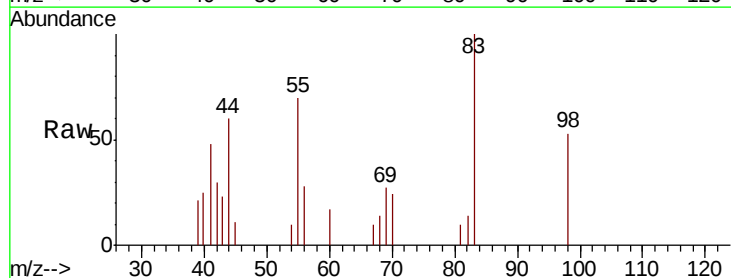


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

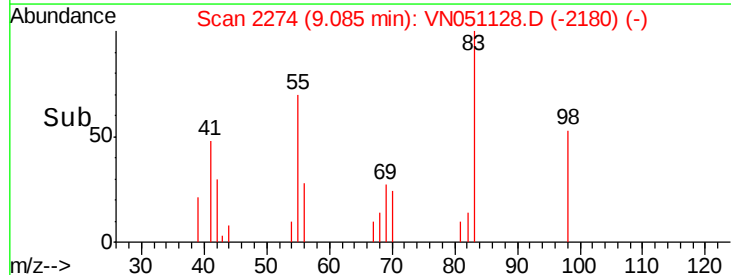
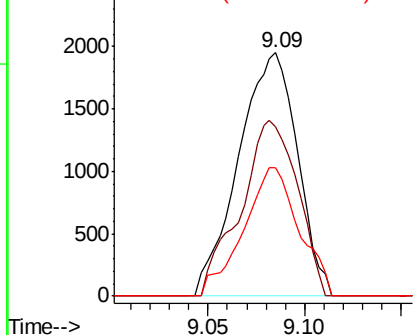


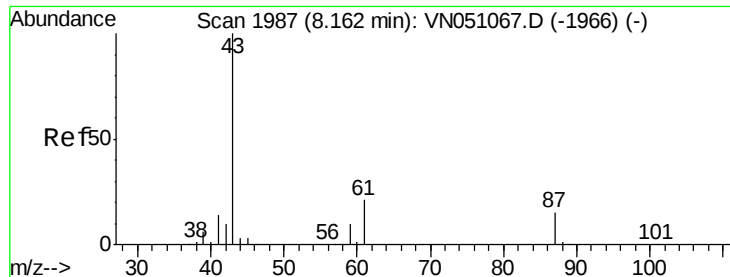
#39
Methylcyclohexane
Concen: 0.33 ug/l
RT: 9.09 min Scan# 2274
Delta R.T. 0.00 min
Lab File: VN051128.D
Acq: 11 Sep 2018 15:37

Tgt Ion: 83 Resp: 4120
Ion Ratio Lower Upper
83 100
55 69.8 58.4 87.6
98 52.7 37.3 55.9



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





#43

Isopropyl Acetate

Concen: 2.79 ug/l

RT: 8.27 min Scan# 2021

Delta R.T. 0.11 min

Lab File: VN051128.D

Acq: 11 Sep 2018 15:37

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-FDDL

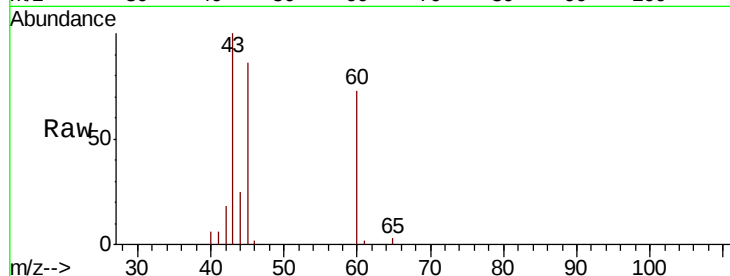
Tot Ion: 43 Resp: 32038

Ion Ratio Lower Upper

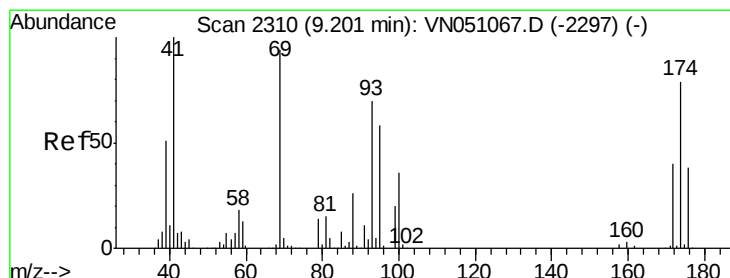
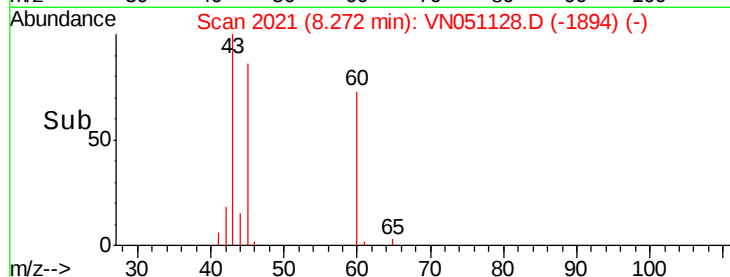
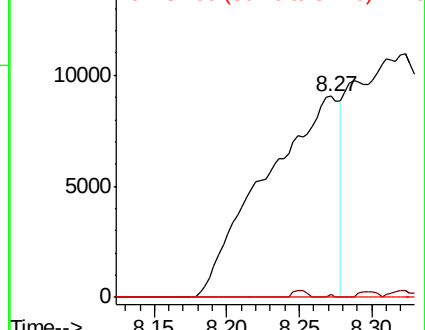
43 100

61 0.0 25.0 37.6#

87 0.0 11.8 17.8#



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



#48

Methyl methacrylate

Concen: 0.36 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. -0.12 min

Lab File: VN051128.D

Acq: 11 Sep 2018 15:37

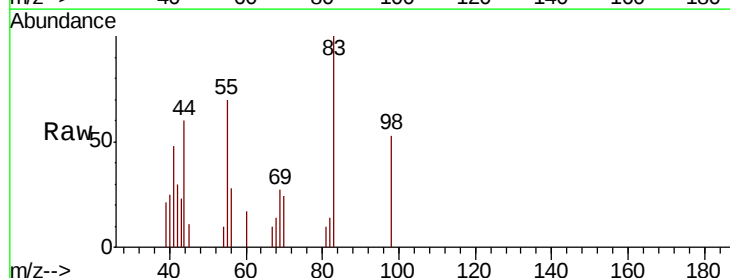
Tgt Ion: 41 Resp: 1994

Ion Ratio Lower Upper

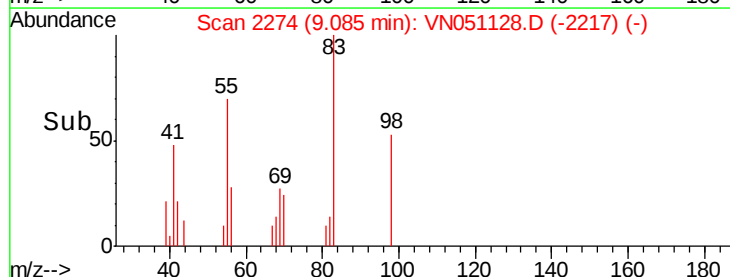
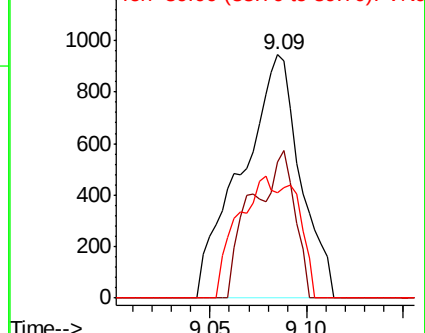
41 100

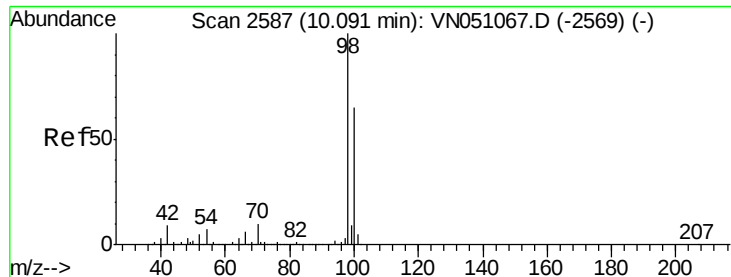
69 23.6 77.7 116.5#

39 33.9 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: 48.55 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051128.D

Acq: 11 Sep 2018 15:37

Instrument :

MSVOA_N

ClientSampleId :

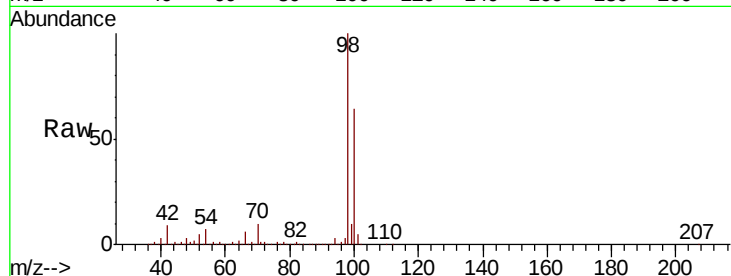
EP1-MW-FDDL

Tot Ion: 98 Resp: 1415991

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN051128.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN051128.D (-2569) (-)

10.09

800000

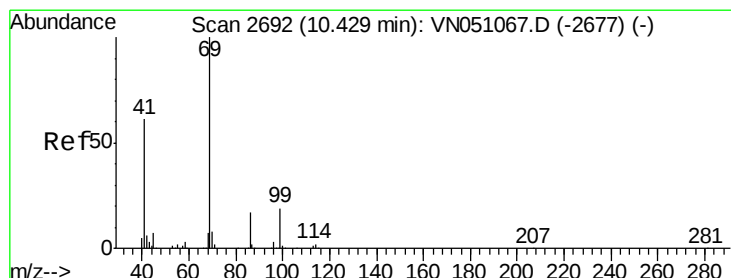
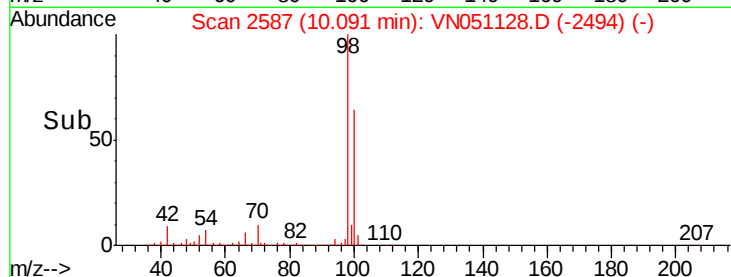
600000

400000

200000

0

Time-->



#56

Ethyl methacrylate

Concen: 2.51 ug/l

RT: 10.44 min Scan# 2695

Delta R.T. 0.01 min

Lab File: VN051128.D

Acq: 11 Sep 2018 15:37

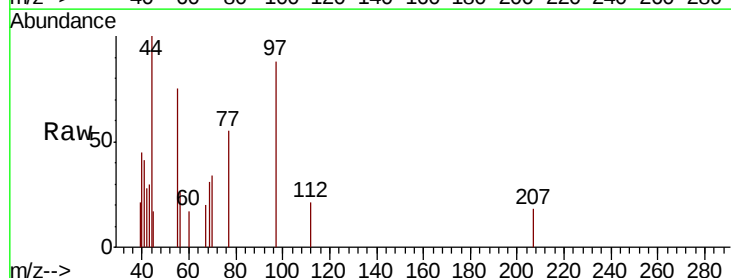
Tgt Ion: 69 Resp: 549

Ion Ratio Lower Upper

69 100

41 166.8 47.8 71.8#

39 28.2 23.0 34.4



Abundance Ion 69.00 (68.70 to 69.70): VN051128.D (-2677) (-)

Ion 41.00 (40.70 to 41.70): VN051128.D (-2677) (-)

Ion 39.00 (38.70 to 39.70): VN051128.D (-2677) (-)

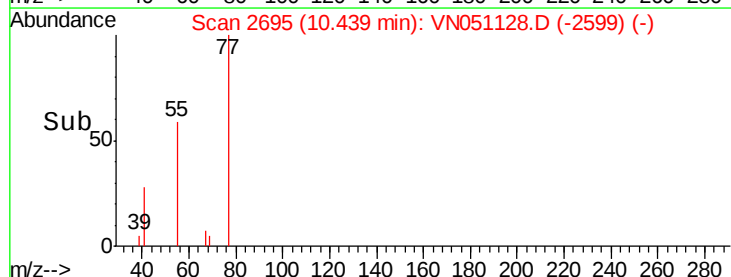
600

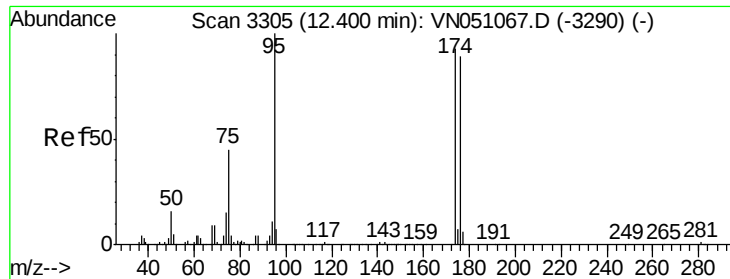
400

200

0

Time-->

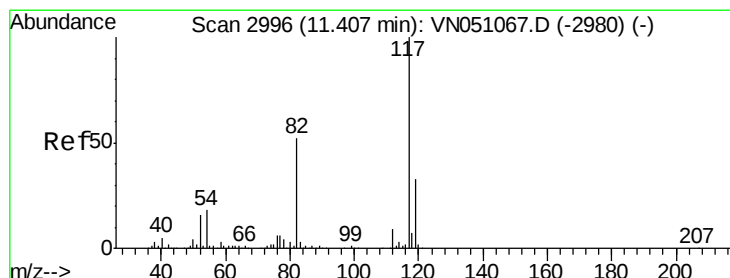
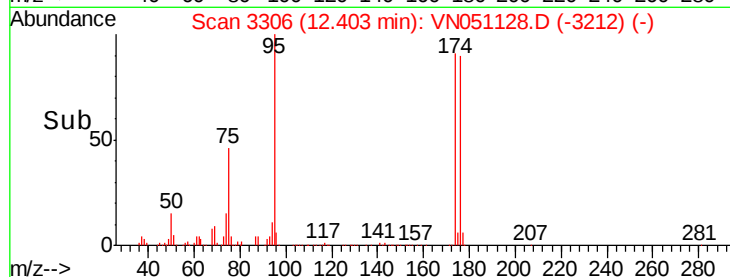
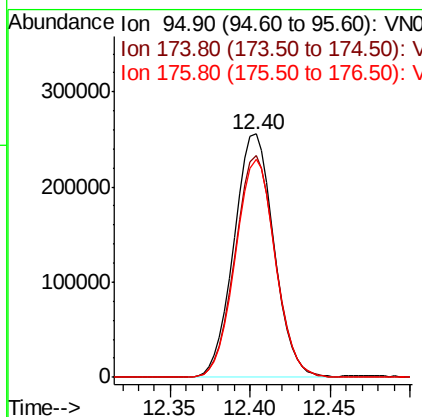
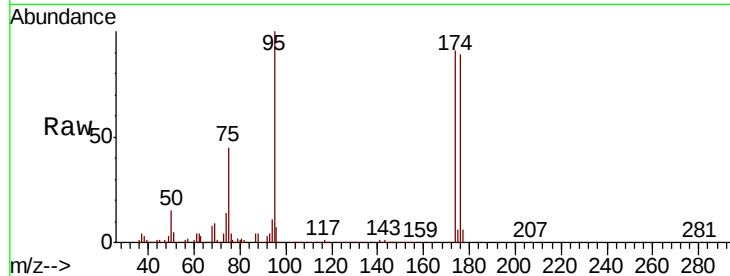




#62
4-Bromofluorobenzene
Concen: 44.83 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051128.D
Acq: 11 Sep 2018 15:37

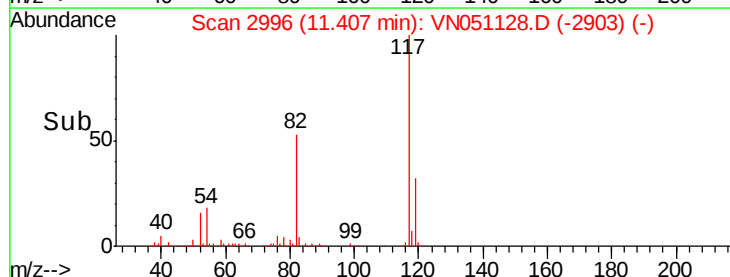
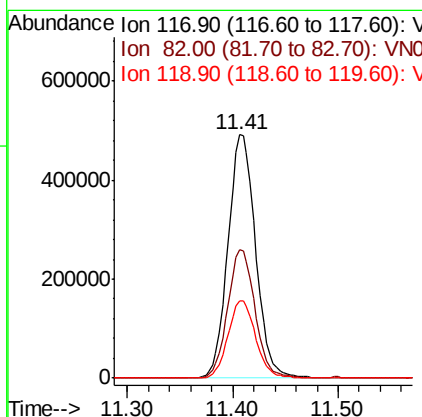
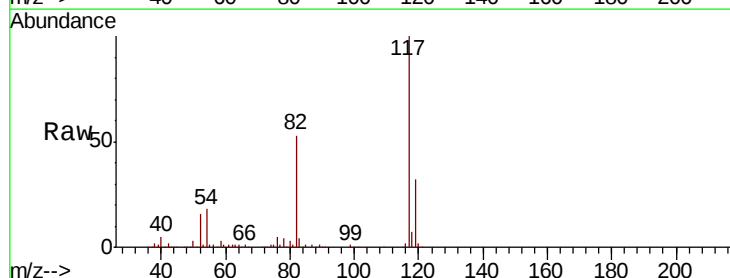
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-FDDL

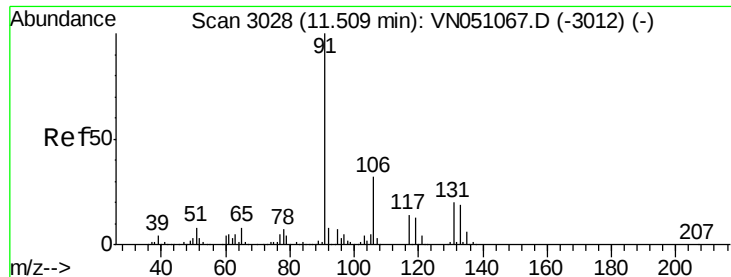
Tot Ion: 95 Resp: 432460
Ion Ratio Lower Upper
95 100
174 91.9 0.0 184.8
176 90.0 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051128.D
Acq: 11 Sep 2018 15:37

Tgt Ion: 117 Resp: 888997
Ion Ratio Lower Upper
117 100
82 52.8 41.8 62.6
119 32.0 26.2 39.2

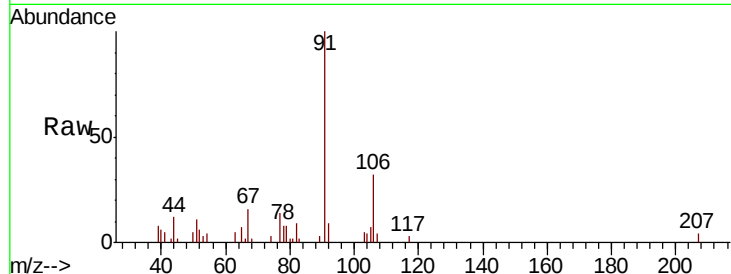




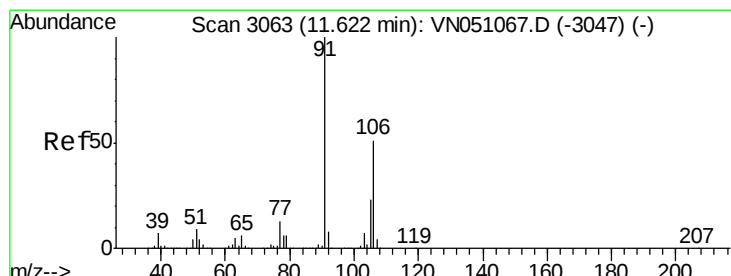
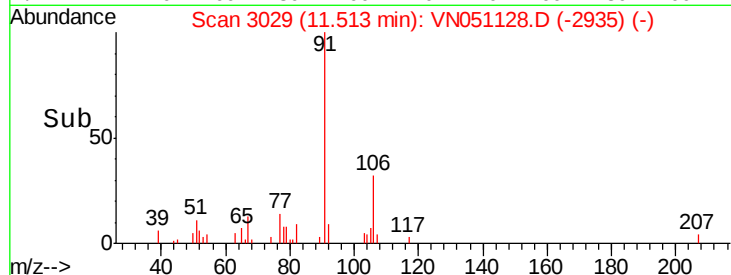
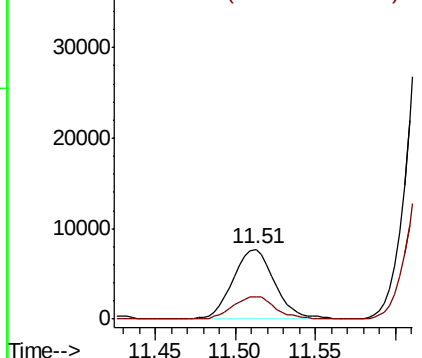
#67
Ethyl Benzene
Concen: 0.38 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051128.D
Acq: 11 Sep 2018 15:37

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-FDDL

Tot Ion: 91 Resp: 13808
Ion Ratio Lower Upper
91 100
106 32.3 25.4 38.2

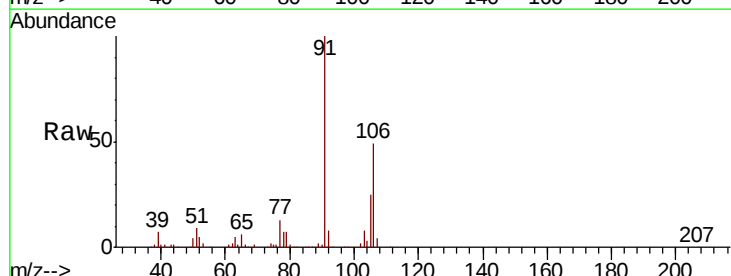


Abundance Ion 91.00 (90.70 to 91.70): VN051067.D (-3012) (-)
Ion 106.00 (105.70 to 106.70): VN051067.D (-3012) (-)

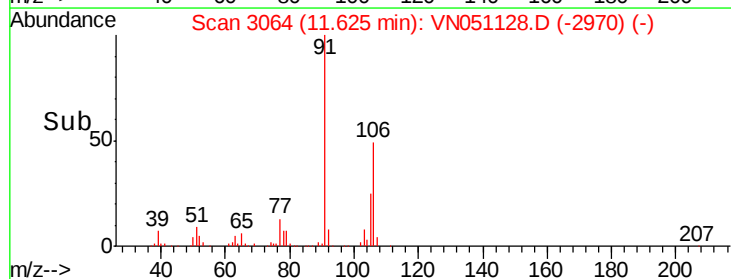
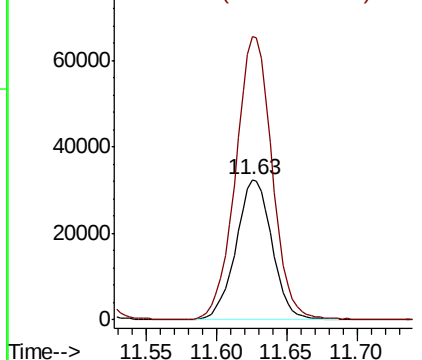


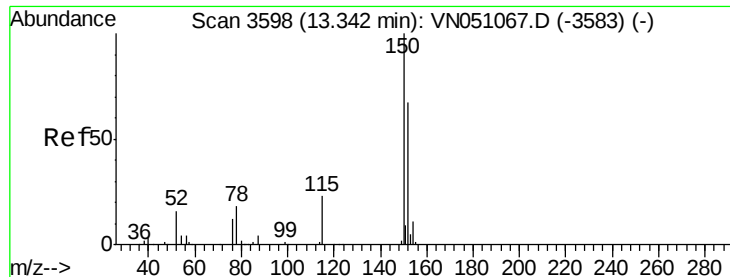
#68
m/p-Xylenes
Concen: 4.16 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN051128.D
Acq: 11 Sep 2018 15:37

Tgt Ion: 106 Resp: 58061
Ion Ratio Lower Upper
106 100
91 205.2 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): VN051067.D (-3047) (-)
Ion 91.00 (90.70 to 91.70): VN051067.D (-3047) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN051128.D

Acq: 11 Sep 2018 15:37

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-FDDL

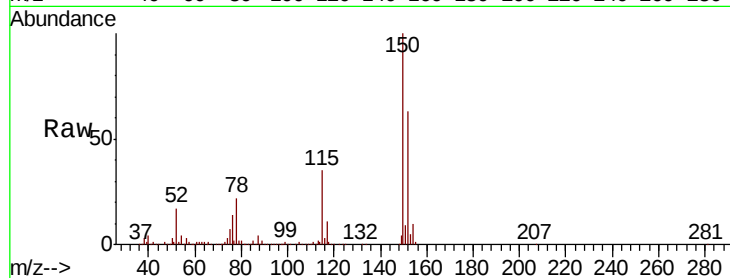
Tot Ion:152 Resp: 360881

Ion Ratio Lower Upper

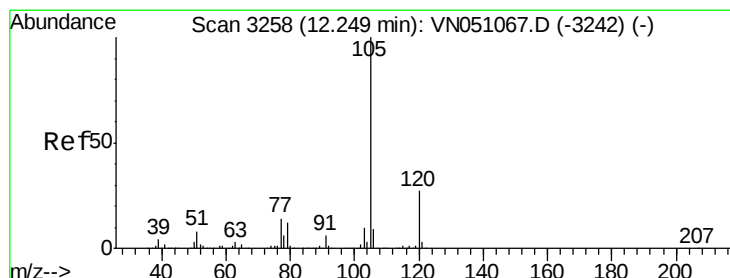
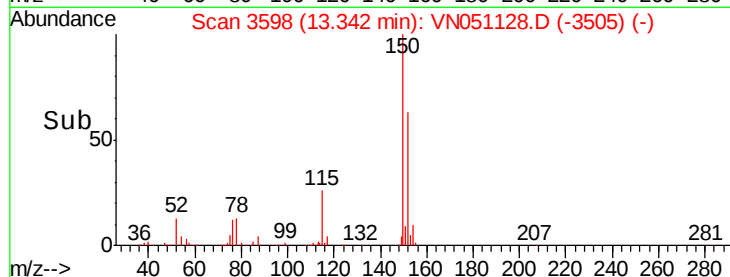
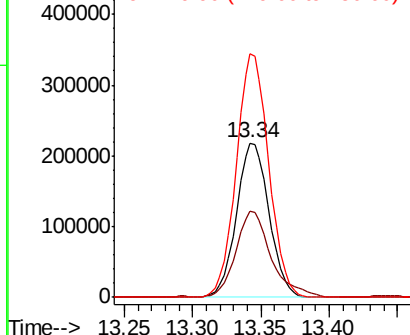
152 100

115 60.5 28.2 84.7

150 156.9 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: 8.00 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051128.D

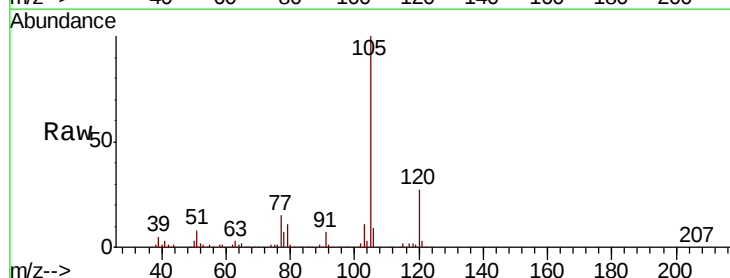
Acq: 11 Sep 2018 15:37

Tgt Ion:105 Resp: 241983

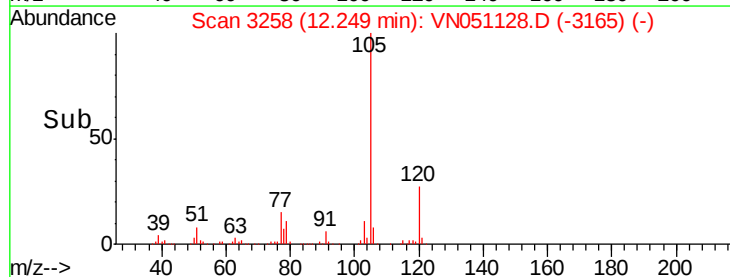
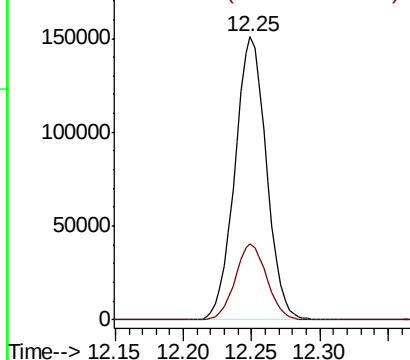
Ion Ratio Lower Upper

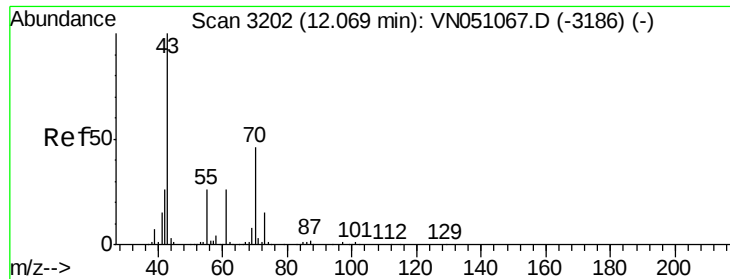
105 100

120 26.8 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-amvl acetate

Concen: 0.29 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN051128.D

Acq: 11 Sep 2018 15:37

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-FDDL

Tot Ion: 43 Resp: 2201

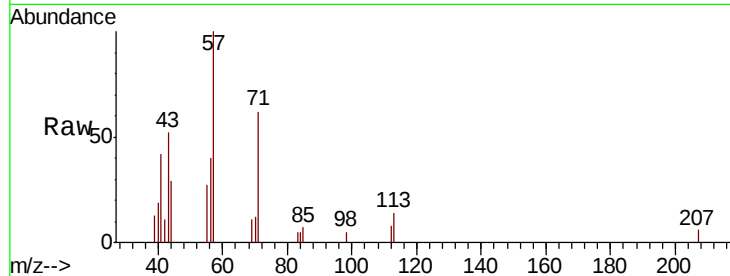
Ion Ratio Lower Upper

43 100

70 4.2 37.0 55.4#

55 22.5 21.3 31.9

61 0.0 20.7 31.1#



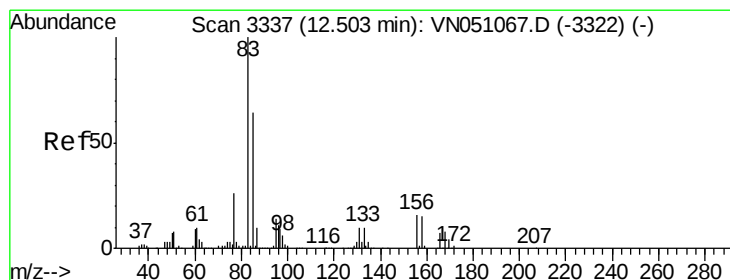
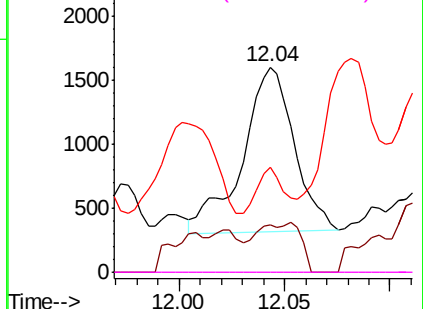
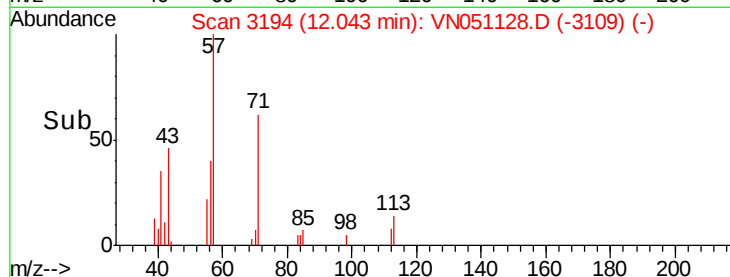
Abundance

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: 12.46 min Scan# 3324

Delta R.T. -0.04 min

Lab File: VN051128.D

Acq: 11 Sep 2018 15:37

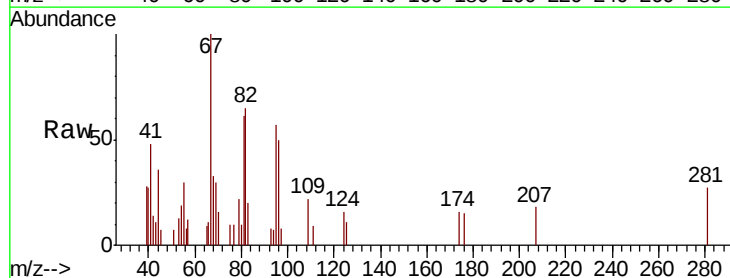
Tgt Ion: 83 Resp: 552

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

85 0.0 32.3 96.8#

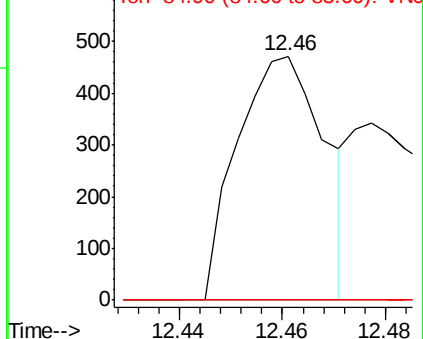
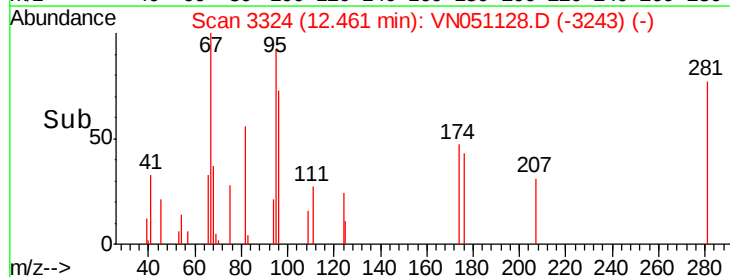


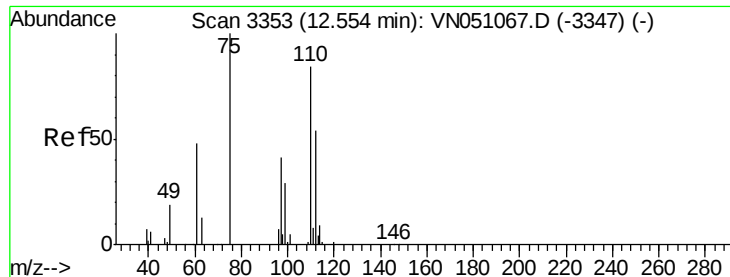
Abundance

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

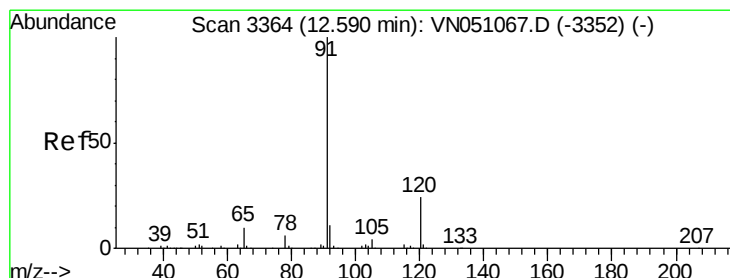
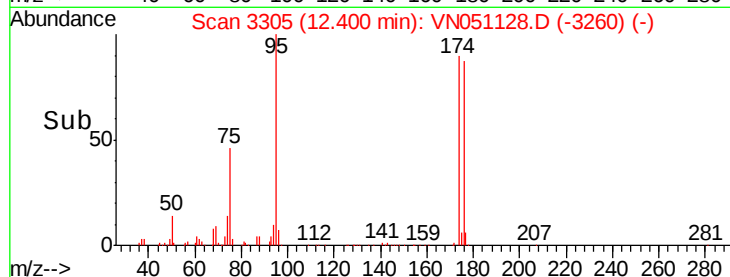
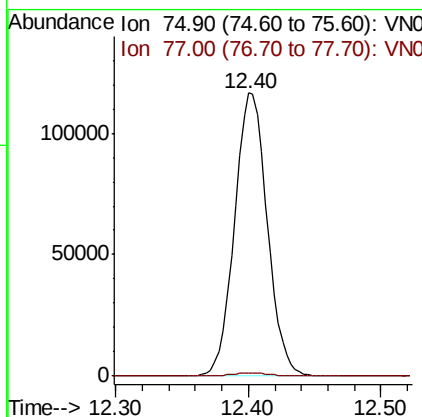
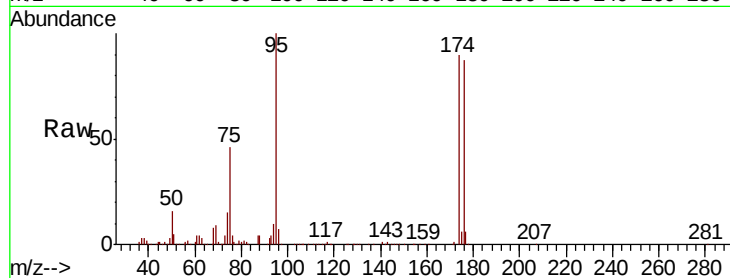




#76
 1,2,3-Trichloropropane
 Concen: 35.24 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN051128.D
 Acq: 11 Sep 2018 15:37

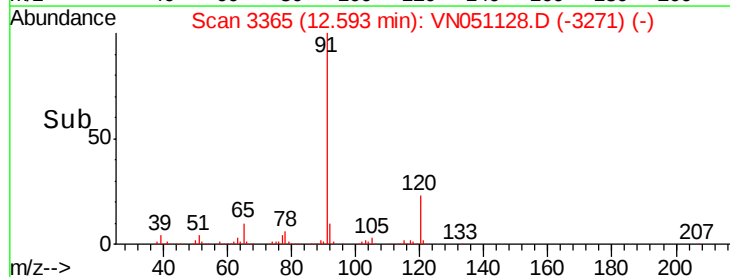
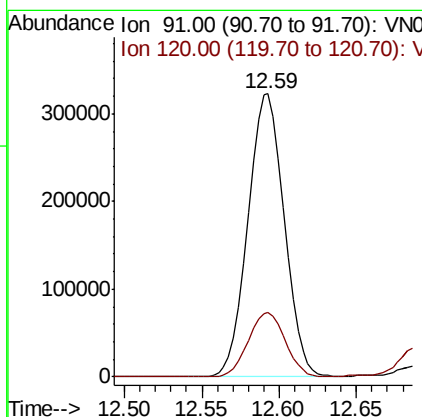
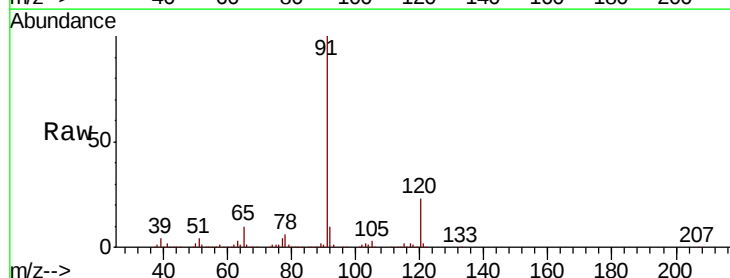
Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-FDDL

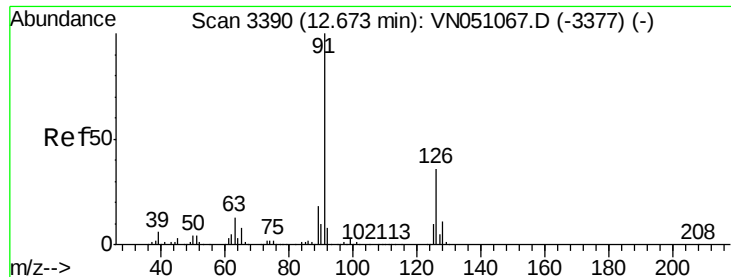
Tot Ion: 75 Resp: 199648
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#78
 n-propylbenzene
 Concen: 15.93 ug/l
 RT: 12.59 min Scan# 3365
 Delta R.T. 0.00 min
 Lab File: VN051128.D
 Acq: 11 Sep 2018 15:37

Tgt Ion: 91 Resp: 529814
 Ion Ratio Lower Upper
 91 100
 120 23.2 12.0 36.0

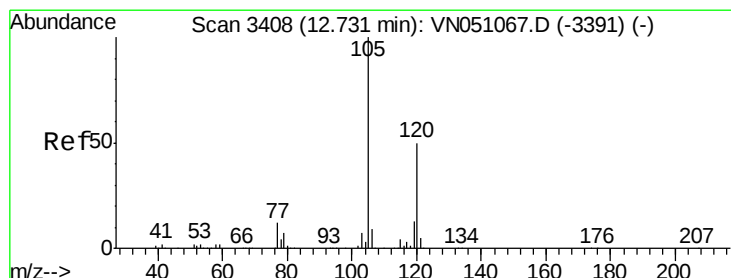
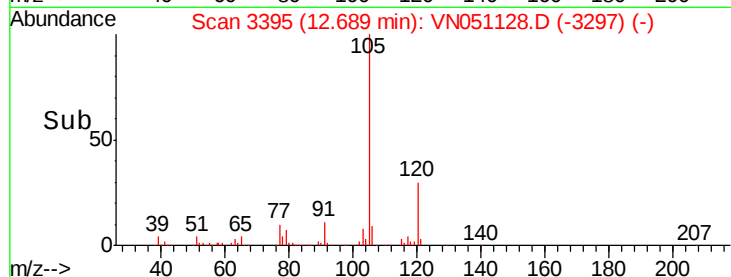
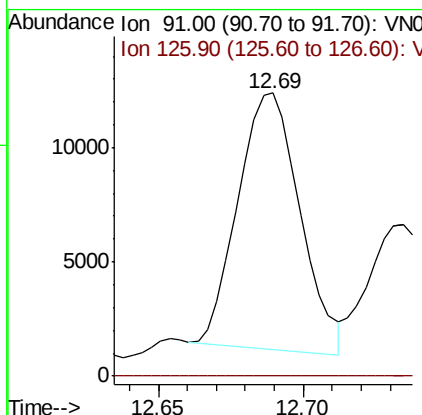
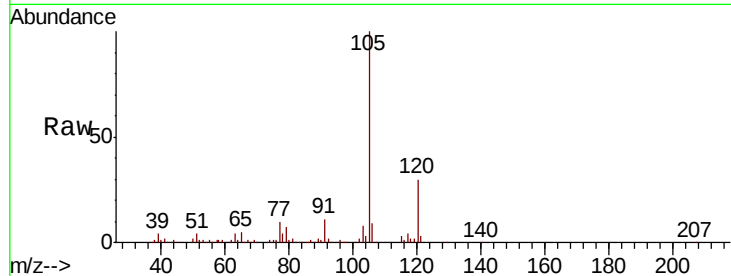




#79
 2-Chlorotoluene
 Concen: 0.80 ug/l
 RT: 12.69 min Scan# 3395
 Delta R.T. 0.02 min
 Lab File: VN051128.D
 Acq: 11 Sep 2018 15:37

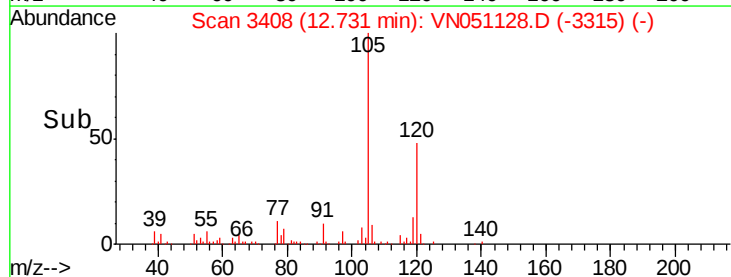
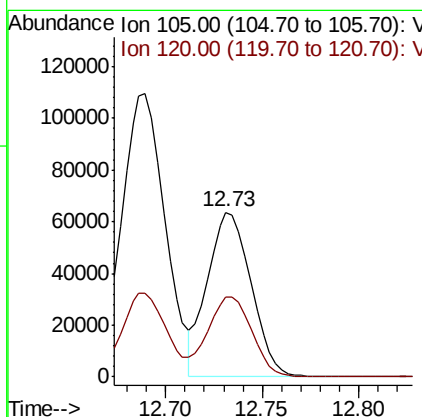
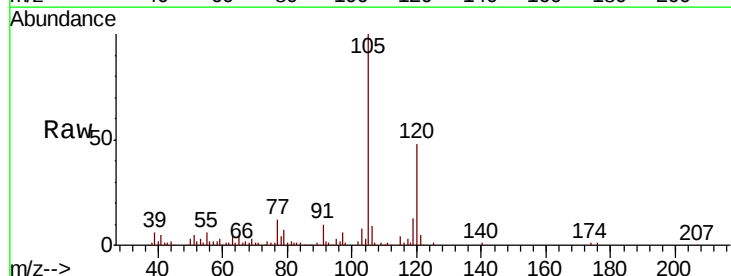
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-FDDL

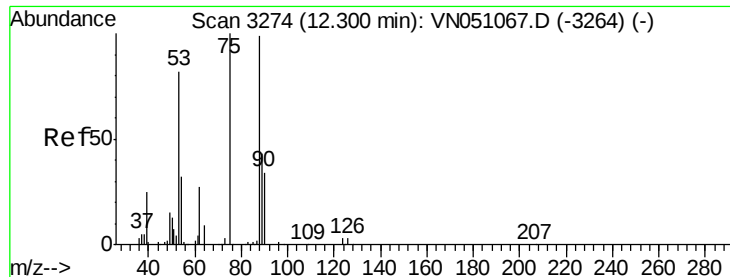
Tot Ion: 91 Resp: 16652
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.9 53.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 4.10 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN051128.D
 Acq: 11 Sep 2018 15:37

Tgt Ion: 105 Resp: 100397
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 105.07 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN051128.D

Acq: 11 Sep 2018 15:37

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-FDDL

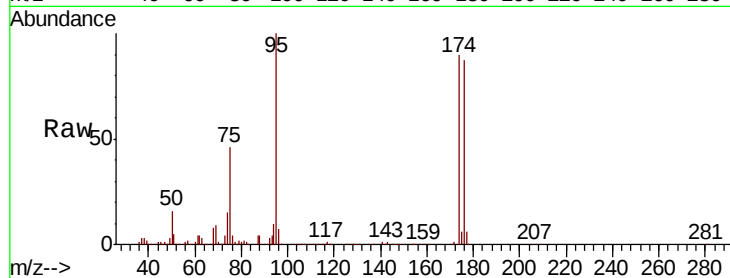
Tot Ion: 75 Resp: 199648

Ion Ratio Lower Upper

75 100

53 0.2 67.8 101.8#

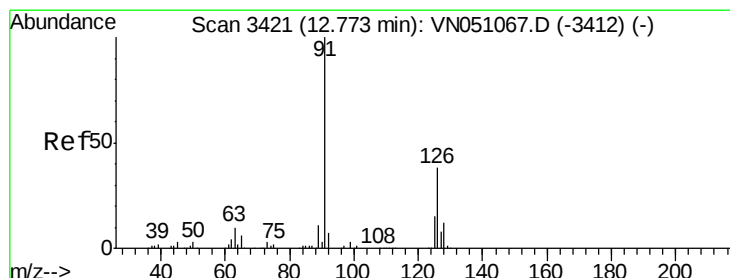
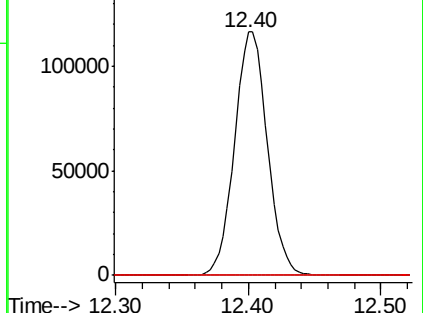
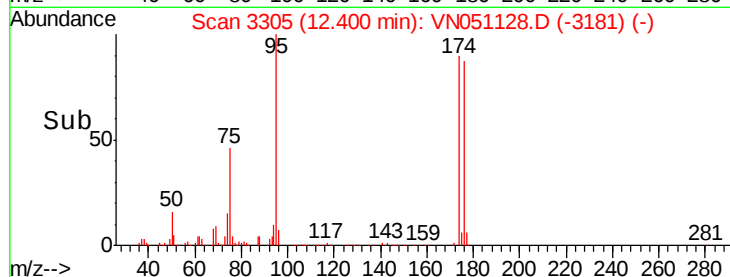
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.81 ug/l

RT: 12.69 min Scan# 3395

Delta R.T. -0.08 min

Lab File: VN051128.D

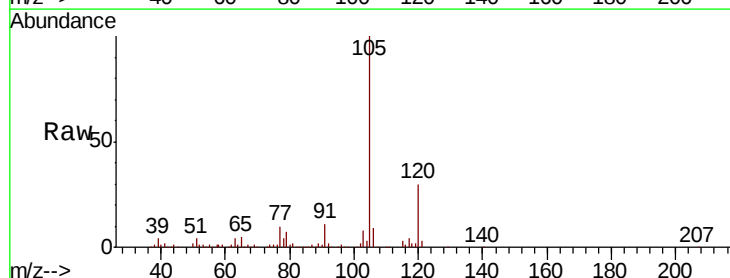
Acq: 11 Sep 2018 15:37

Tgt Ion: 91 Resp: 16652

Ion Ratio Lower Upper

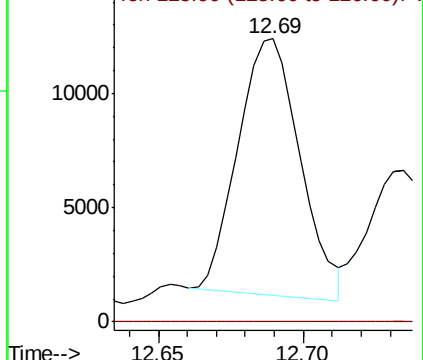
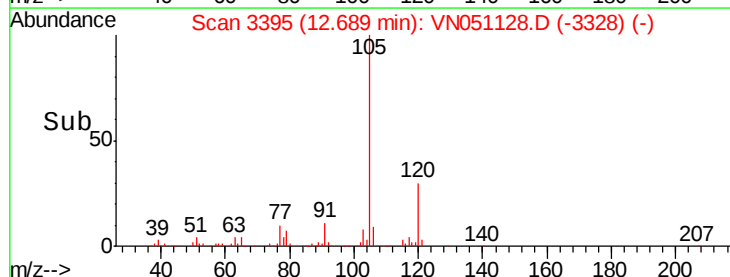
91 100

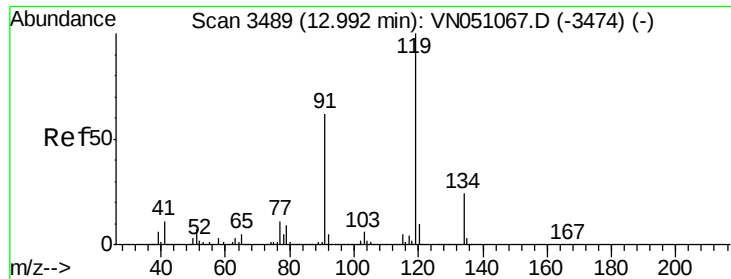
126 0.0 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

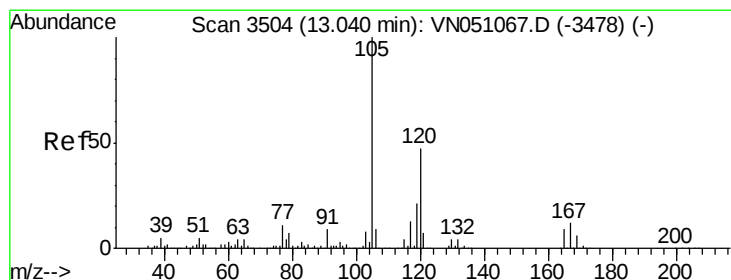
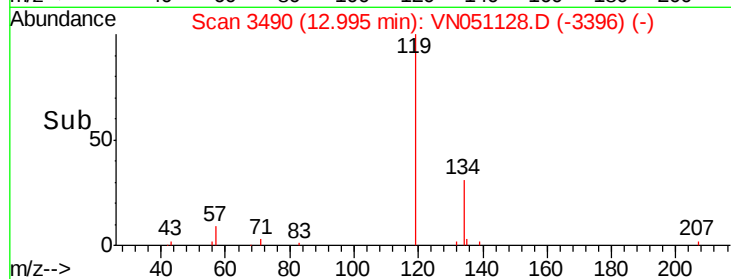
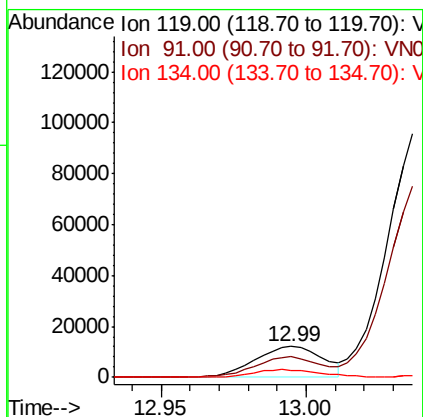
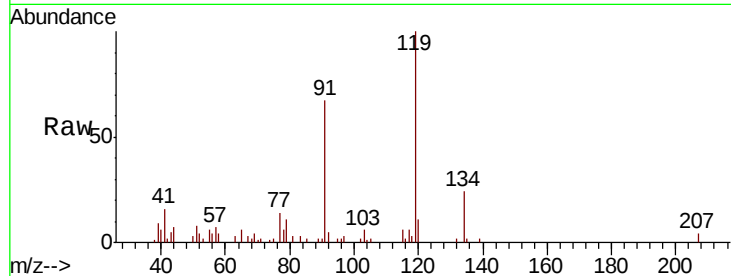




#83
 tert-Butylbenzene
 Concen: 0.91 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051128.D
 Acq: 11 Sep 2018 15:37

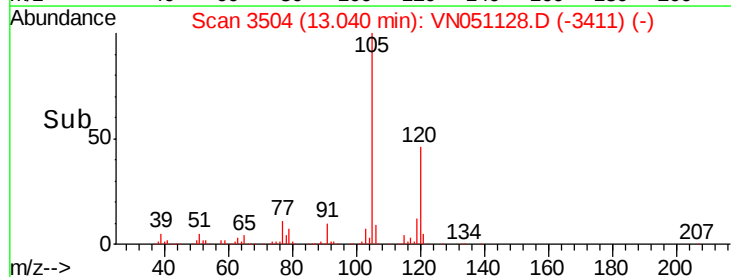
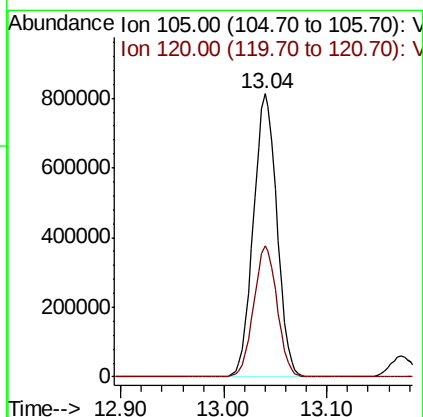
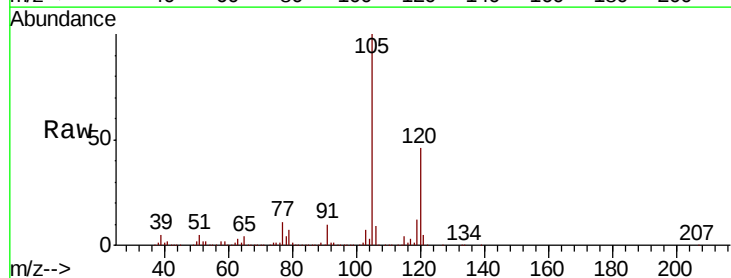
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-FDDL

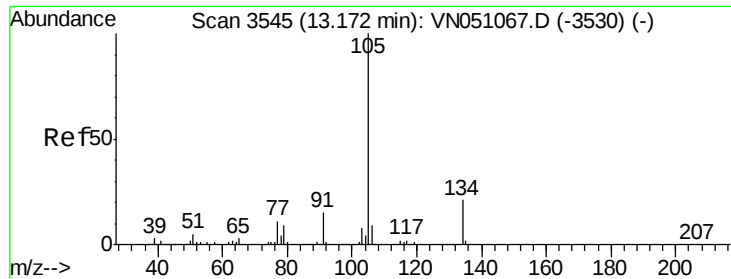
Tot Ion:119 Resp: 19715
 Ion Ratio Lower Upper
 119 100
 91 63.8 30.8 92.3
 134 25.9 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 53.12 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051128.D
 Acq: 11 Sep 2018 15:37

Tgt Ion:105 Resp: 1277971
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.3 69.8





#85

sec-Butylbenzene

Concen: 3.35 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051128.D

Acq: 11 Sep 2018 15:37

Instrument :

MSVOA_N

ClientSampleId :

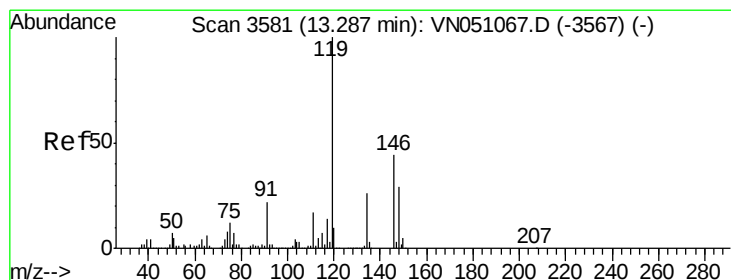
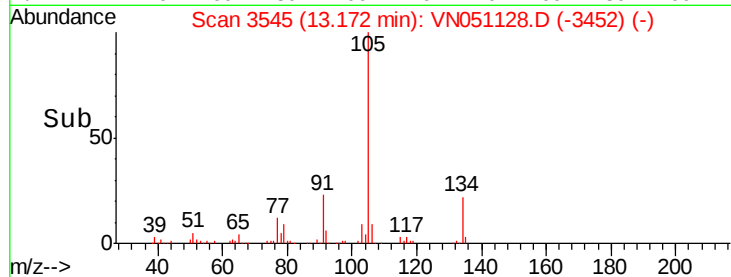
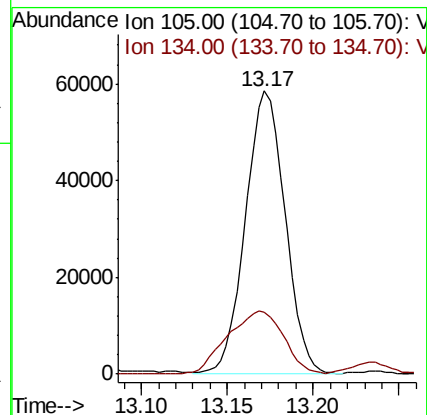
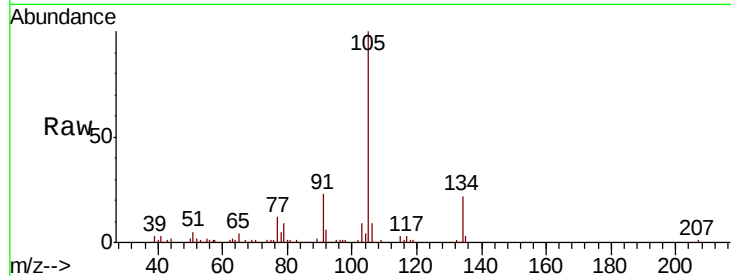
EP1-MW-FDDL

Tot Ion:105 Resp: 92861

Ion Ratio Lower Upper

105 100

134 31.9 10.4 31.4#



#86

p-Isopropyltoluene

Concen: 1.10 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051128.D

Acq: 11 Sep 2018 15:37

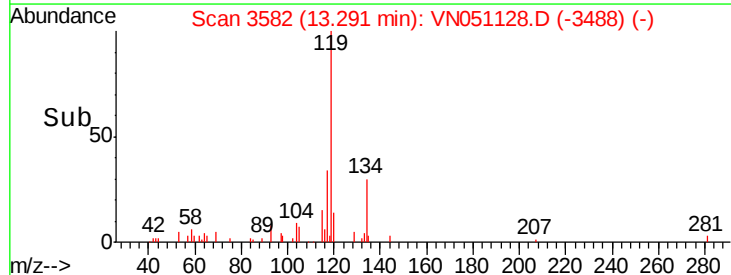
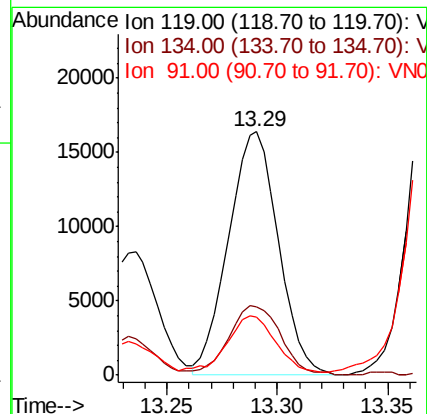
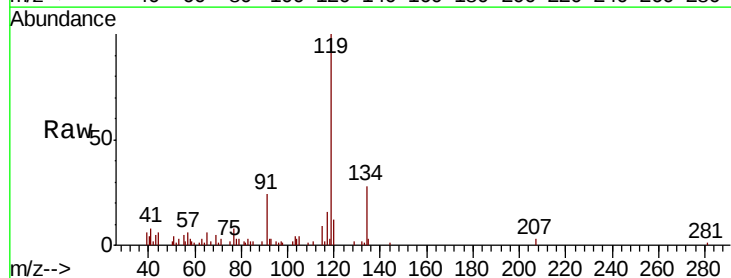
Tgt Ion:119 Resp: 25794

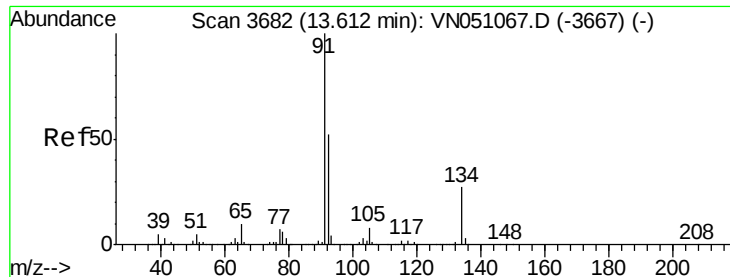
Ion Ratio Lower Upper

119 100

134 29.8 13.5 40.4

91 22.5 10.9 32.9

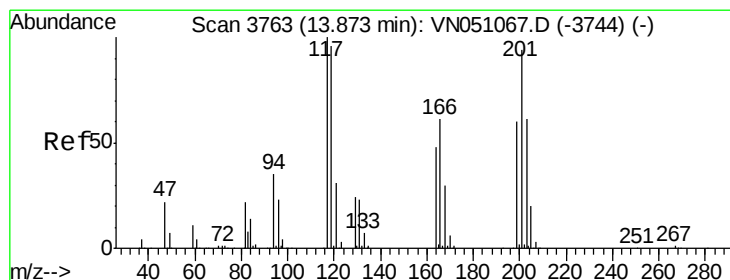
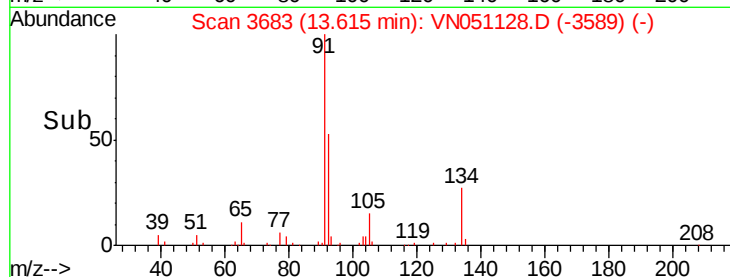
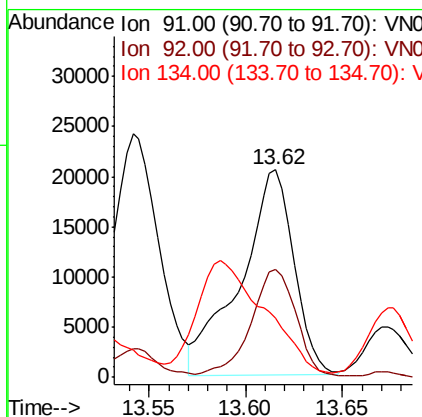
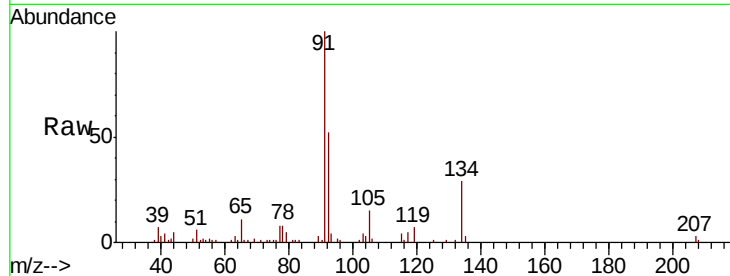




#89
n-Butylbenzene
Concen: 2.17 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051128.D
Acq: 11 Sep 2018 15:37

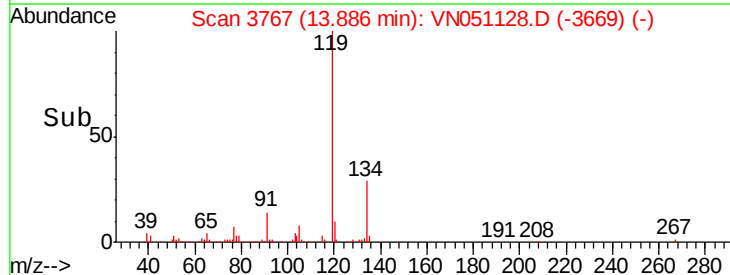
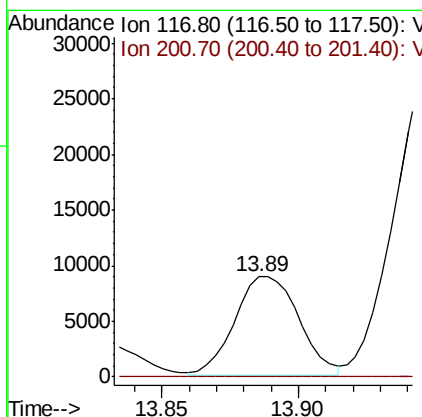
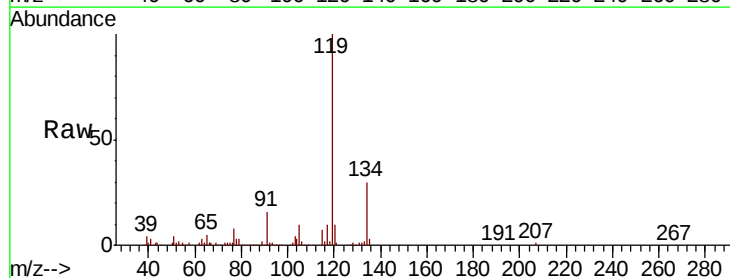
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-FDDL

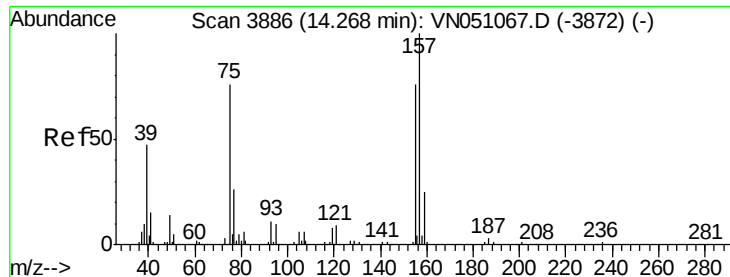
Tot Ion: 91 Resp: 39615
Ion Ratio Lower Upper
91 100
92 45.1 26.2 78.6
134 0.0 13.7 41.1#



#90
Hexachloroethane
Concen: 2.82 ug/l
RT: 13.89 min Scan# 3767
Delta R.T. 0.01 min
Lab File: VN051128.D
Acq: 11 Sep 2018 15:37

Tgt Ion: 117 Resp: 14560
Ion Ratio Lower Upper
117 100
201 0.0 47.3 142.0#

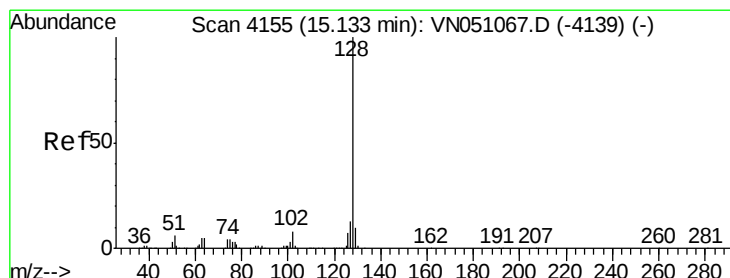
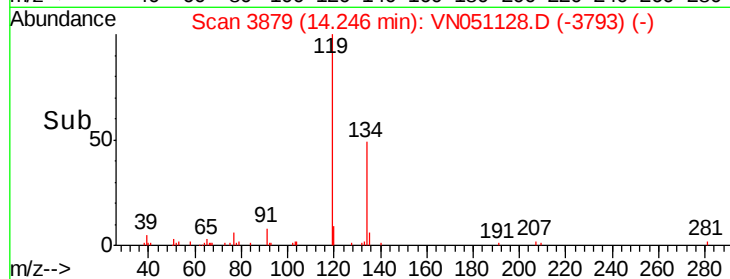
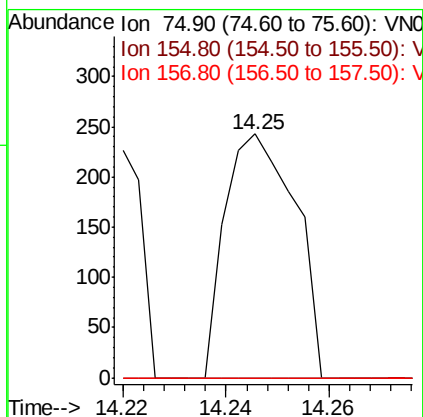
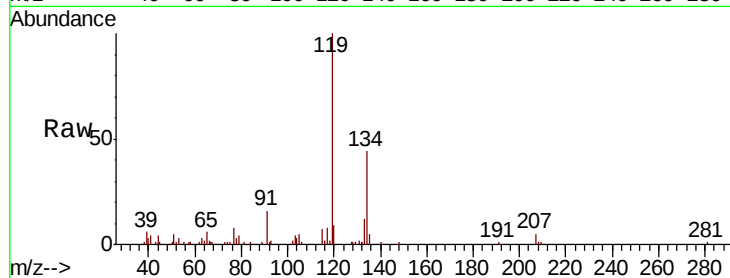




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.87 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.02 min
 Lab File: VN051128.D
 Acq: 11 Sep 2018 15:37

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-FDDL

Tot Ion: 75 Resp: 228
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.7 146.1#
 157 0.0 63.6 190.9#



#95
 Naphthalene
 Concen: 5.65 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. -0.00 min
 Lab File: VN051128.D
 Acq: 11 Sep 2018 15:37

Tgt Ion: 128 Resp: 4734
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.6 15.8
 129 10.3 8.6 12.8

