

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121818\
 Data File : VN052981.D
 Acq On : 19 Dec 2018 1:05
 Operator : MD\SY
 Sample : J6411-19DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-FD-1218DL

Quant Time: Dec 19 03:53:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1320523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2009362	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1840352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	835863	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	642915	47.98	ug/l	0.00
Spiked Amount			Recovery	=	95.96%	
35) Dibromofluoromethane	7.59	113	509581	55.52	ug/l	0.00
Spiked Amount			Recovery	=	111.04%	
50) Toluene-d8	10.09	98	2469826	50.12	ug/l	0.00
Spiked Amount			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.40	95	868539	50.21	ug/l	0.00
Spiked Amount			Recovery	=	100.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.99	62	7179	0.438	ug/l #	43
5) Bromomethane	2.58	94	3470	0.305	ug/l	84
13) Acrolein	3.61	56	347	0.468	ug/l #	14
16) Acetone	3.81	43	3386	1.289	ug/l	100
18) Methyl Acetate	4.33	43	4046	1.324	ug/l #	71
31) Cyclohexane	7.66	56	22963	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	85807	4.449	ug/l #	49
38) Carbon Tetrachloride	7.67	117	114070	6.453	ug/l #	15
39) Methylcyclohexane	9.08	83	7495	0.320	ug/l	99
43) Isopropyl Acetate	8.33	43	269218	12.130	ug/l #	53
55) 1,1,2-Trichloroethane	10.53	97	12428	1.002	ug/l #	18
56) Ethyl methacrylate	10.43	69	8097	0.493	ug/l #	40
67) Ethyl Benzene	11.51	91	29903	0.426	ug/l	97
68) m/p-Xylenes	11.63	106	39343	1.475	ug/l	95
71) Bromoform	12.40	173	5491	0.536	ug/l #	1
73) Isopropylbenzene	12.25	105	1176378	17.988	ug/l	100
74) N-amyl acetate	12.04	43	16452	0.906	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.47	83	7642	0.596	ug/l #	25
76) 1,2,3-Trichloropropane	12.59	75	13081	0.930	ug/l #	100
78) n-propylbenzene	12.59	91	2466017	33.108	ug/l	100
79) 2-Chlorotoluene	12.59	91	2466017	53.413	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.69	105	198208	3.718	ug/l	72
81) trans-1,4-Dichloro-2-buten	12.40	75	402529	92.204	ug/l #	13
82) 4-Chlorotoluene	12.59	91	2466017	54.564	ug/l #	40
83) tert-Butylbenzene	12.99	119	113551	2.409	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2325370	43.394	ug/l	100
85) sec-Butylbenzene	13.17	105	642462	10.075	ug/l #	74
86) p-Isopropyltoluene	13.29	119	56747	1.030	ug/l	99
89) n-Butylbenzene	13.62	91	297373	6.273	ug/l #	84
90) Hexachloroethane	13.89	117	86283	10.204	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.25	75	2342	1.056	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	1448	0.691	ug/l #	1
94) Hexachlorobutadiene	15.01	225	213	Below Cal	#	52
95) Naphthalene	15.13	128	6812	1.349	ug/l #	86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121818\
Data File : VN052981.D
Acq On : 19 Dec 2018 1:05
Operator : MD\SY
Sample : J6411-19DL 10X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 34 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-FD-1218DL

Quant Time: Dec 19 03:53:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

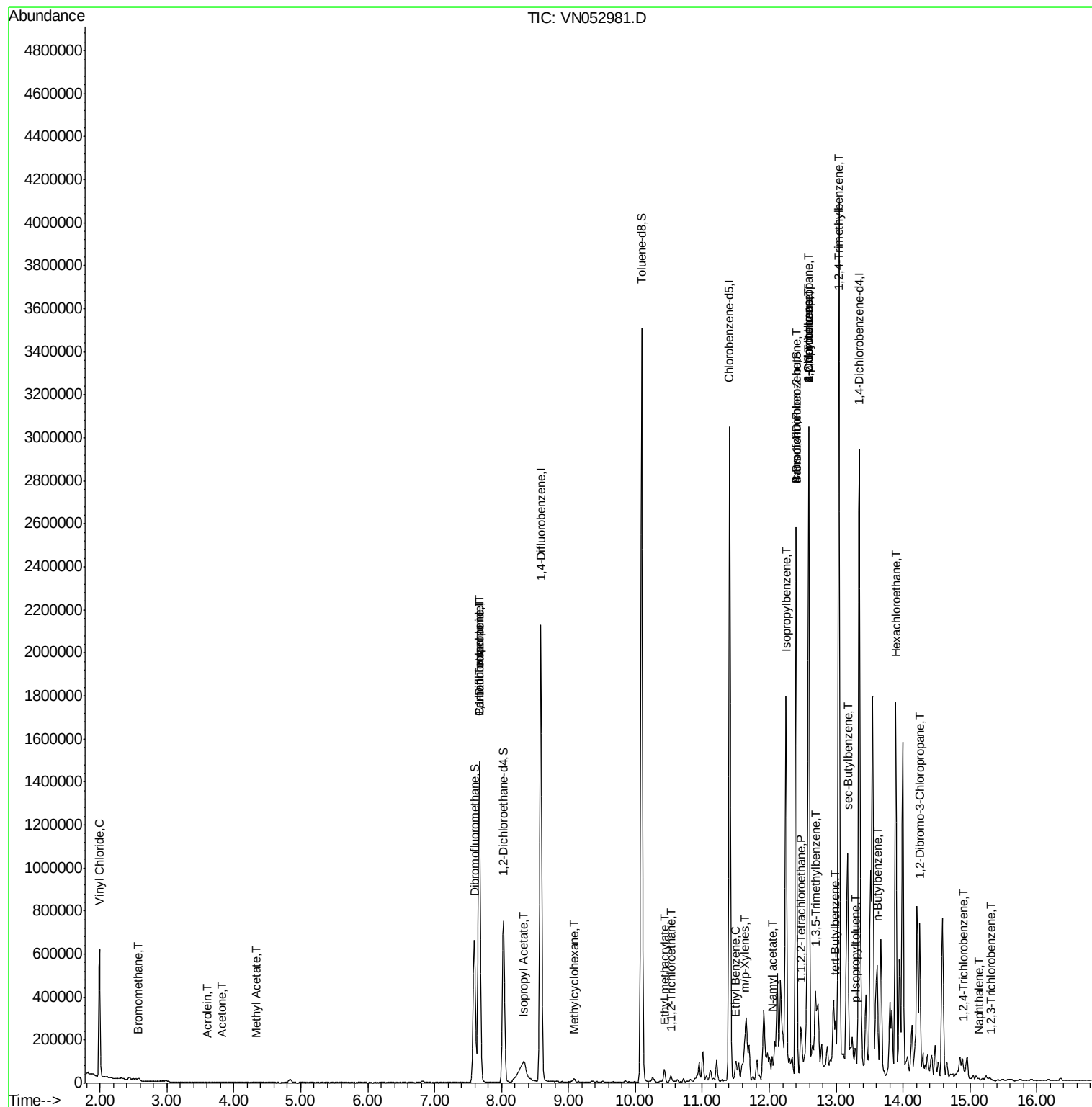
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
96) 1,2,3-Trichlorobenzene	15.32	180	1350	0.607	ug/l #	79
-----	-----	-----	-----	-----	-----	-----

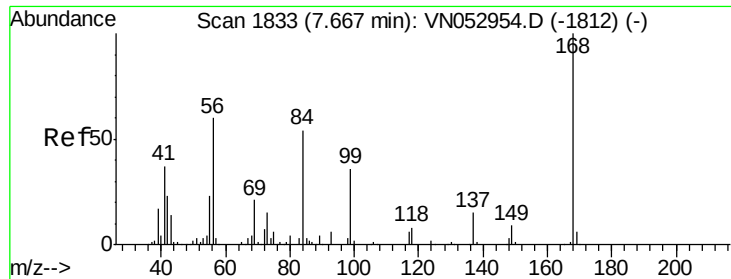
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121818\
Data File : VN052981.D
Acq On : 19 Dec 2018 1:05
Operator : MD\SY
Sample : J6411-19DL 10X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 34 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-FD-1218DL

Quant Time: Dec 19 03:53:36 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052981.D

Acq: 19 Dec 2018 1:05

Instrument :

MSVOA_N

ClientSampleId :

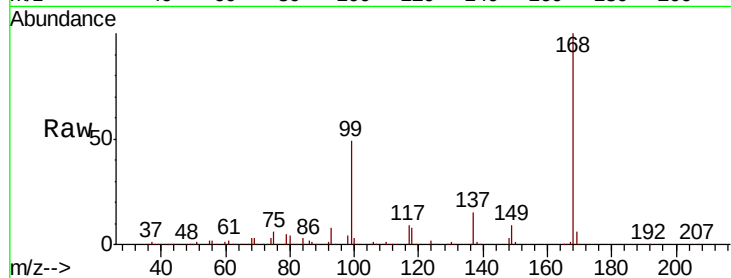
EP1-MW-FD-1218DL

Tot Ion:168 Resp: 1320523

Ion Ratio Lower Upper

168 100

99 49.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

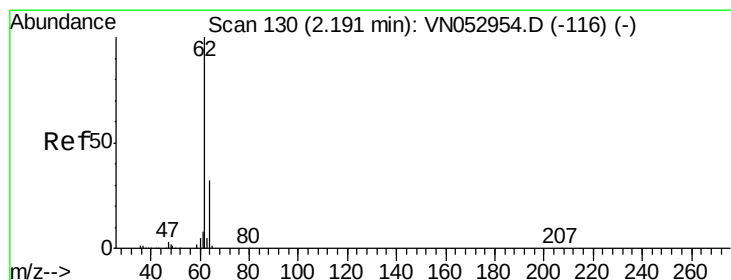
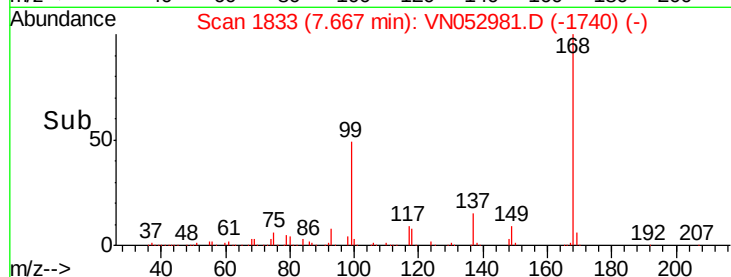
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 0.438 ug/l

RT: 1.99 min Scan# 68

Delta R.T. -0.20 min

Lab File: VN052981.D

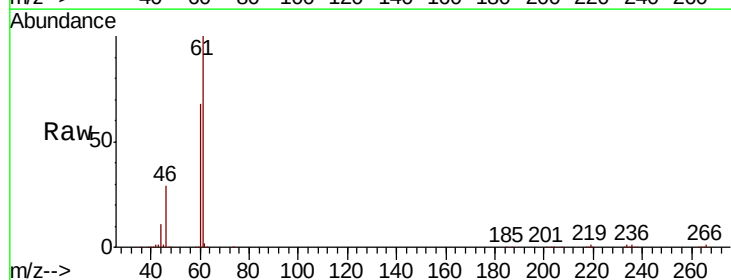
Acq: 19 Dec 2018 1:05

Tgt Ion: 62 Resp: 7179

Ion Ratio Lower Upper

62 100

64 0.0 25.5 38.3#



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

1.99

6000

5000

4000

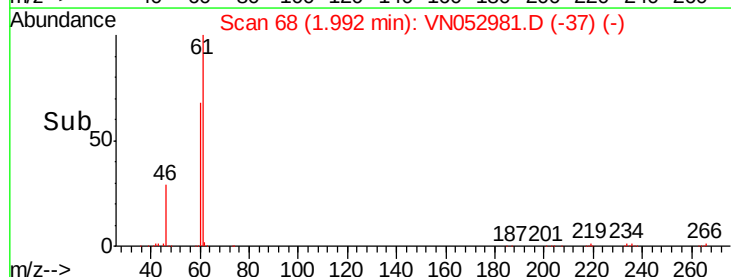
3000

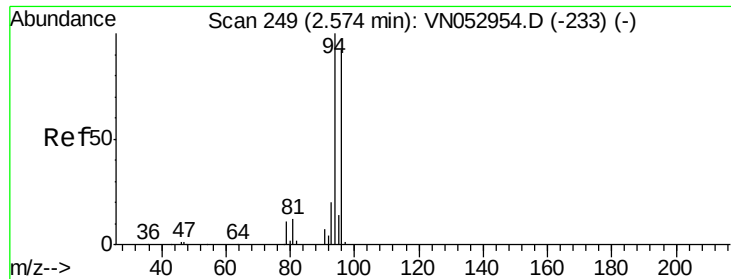
2000

1000

0

Time-->





#5

Bromomethane

Concen: 0.305 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN052981.D

Acq: 19 Dec 2018 1:05

Instrument :

MSVOA_N

ClientSampleId :

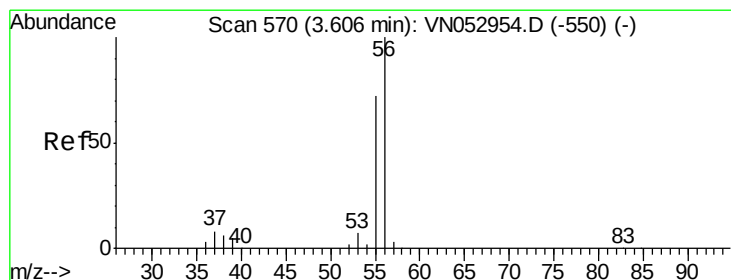
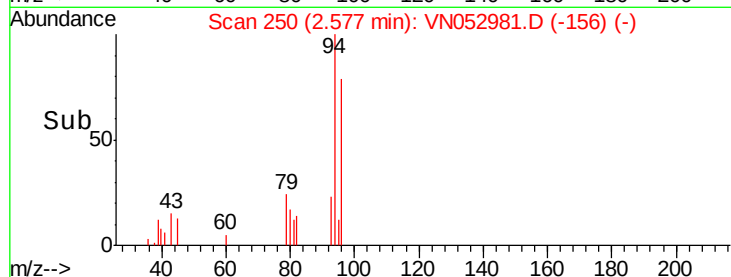
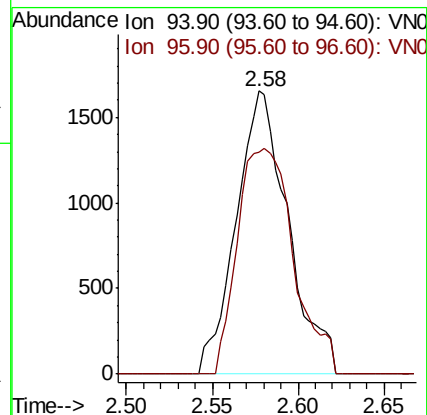
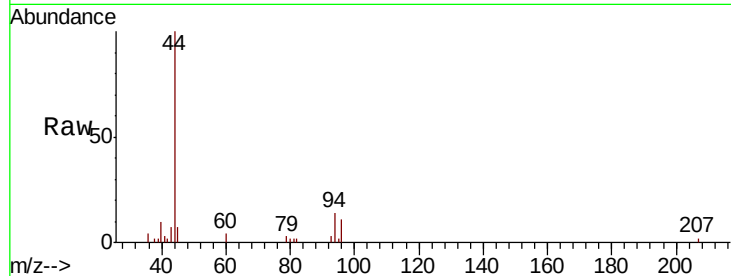
EP1-MW-FD-1218DL

Tot Ion: 94 Resp: 3470

Ion Ratio Lower Upper

94 100

96 78.5 75.0 112.4



#13

Acrolein

Concen: 0.468 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN052981.D

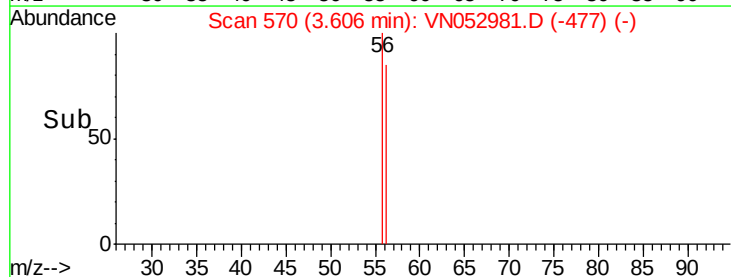
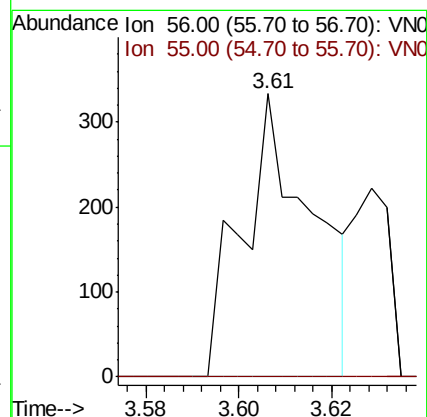
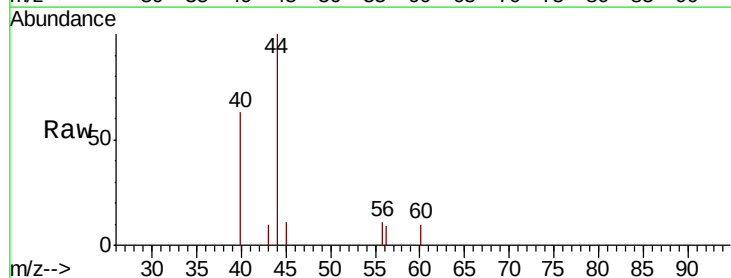
Acq: 19 Dec 2018 1:05

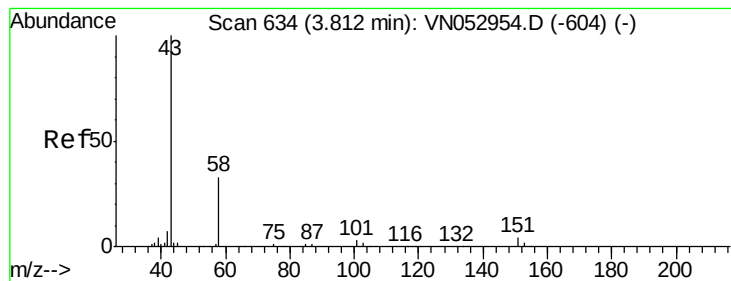
Tgt Ion: 56 Resp: 347

Ion Ratio Lower Upper

56 100

55 0.0 56.6 85.0#





#16

Acetone

Concen: 1.289 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN052981.D

Acq: 19 Dec 2018 1:05

Instrument :

MSVOA_N

ClientSampleId :

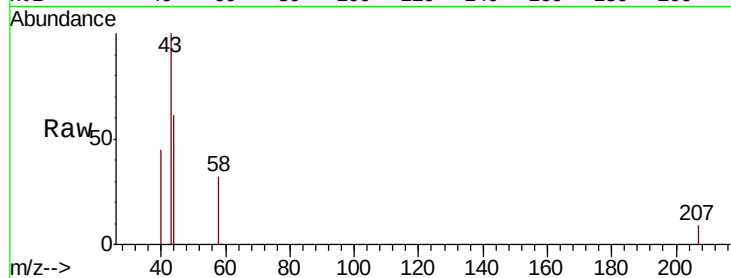
EP1-MW-FD-1218DL

Tot Ion: 43 Resp: 3386

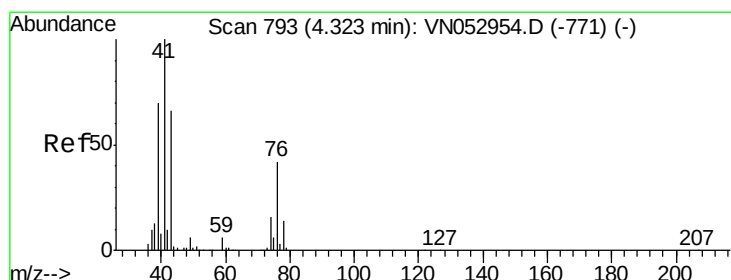
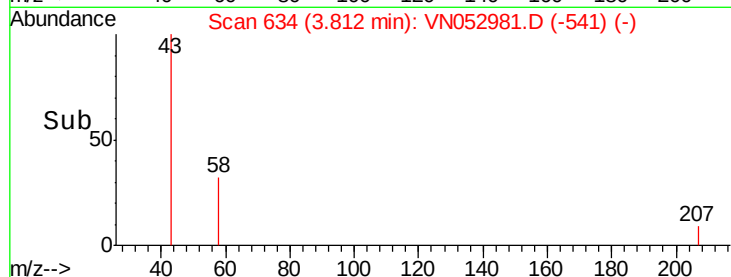
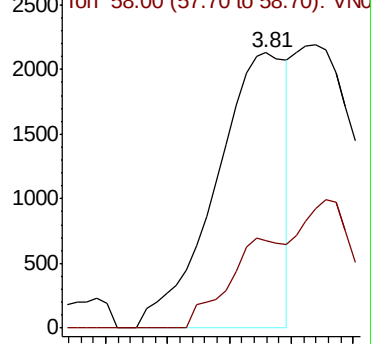
Ion Ratio Lower Upper

43 100

58 32.0 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN052981.D (-541) (-)



#18

Methyl Acetate

Concen: 1.324 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN052981.D

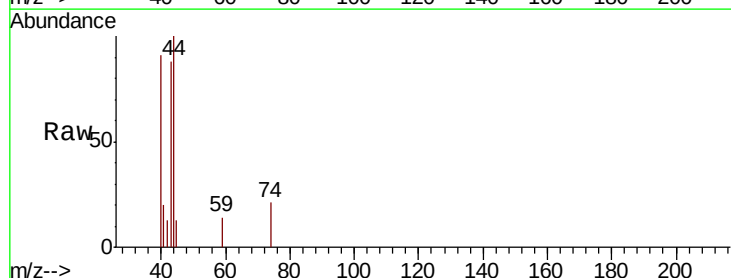
Acq: 19 Dec 2018 1:05

Tgt Ion: 43 Resp: 4046

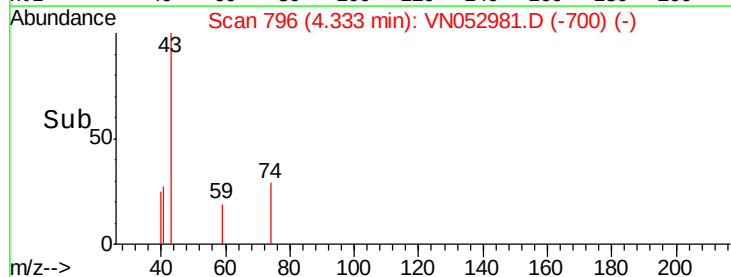
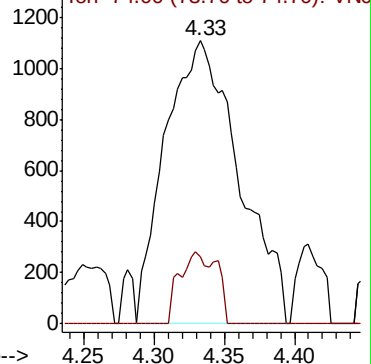
Ion Ratio Lower Upper

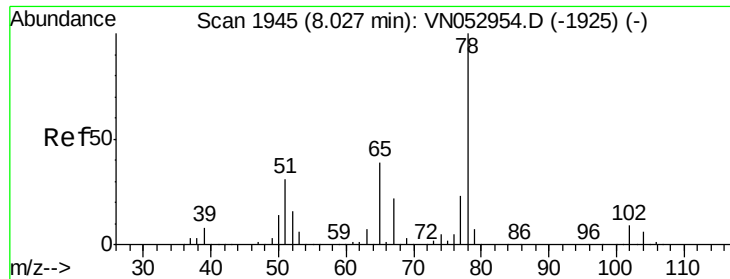
43 100

74 9.7 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VN052981.D (-700) (-)

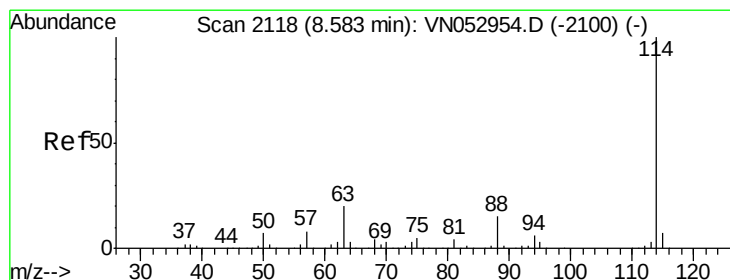
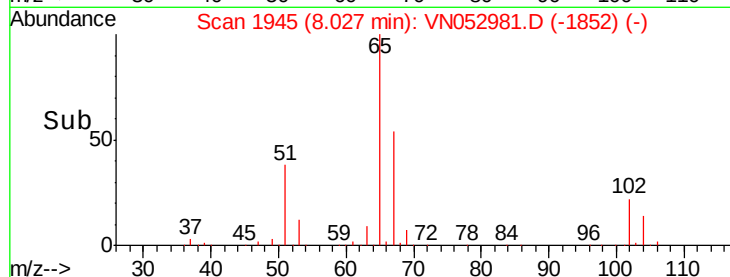
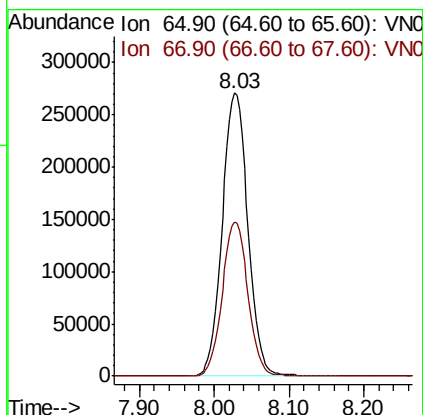
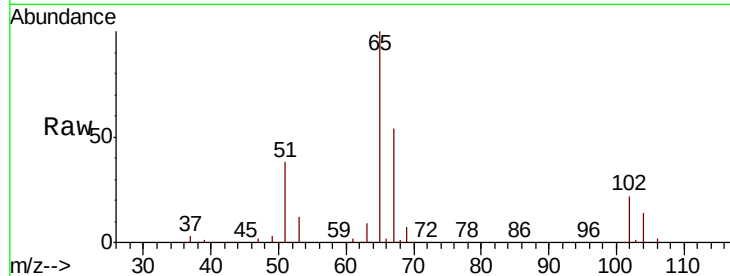




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052981.D
 Acq: 19 Dec 2018 1:05

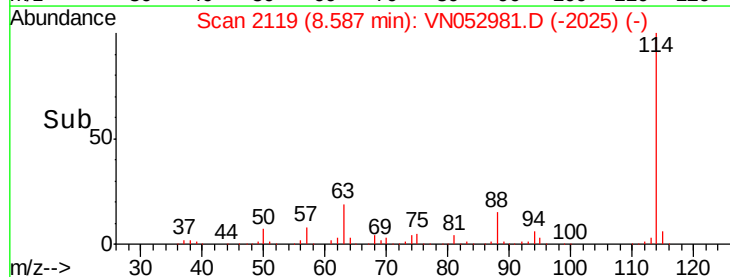
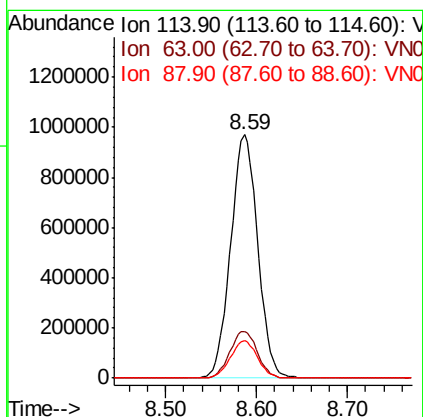
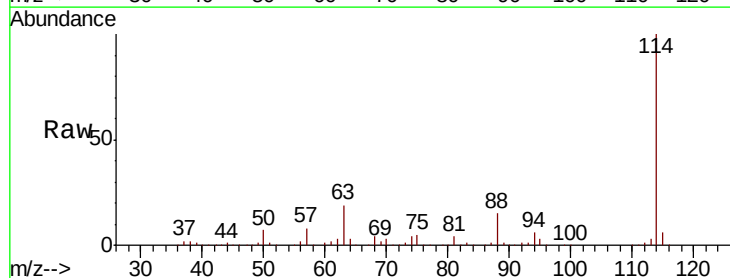
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-FD-1218DL

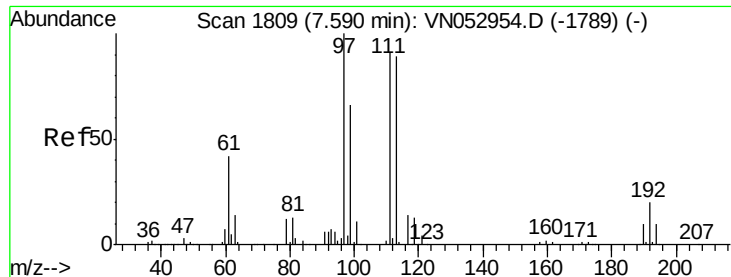
Tot Ion: 65 Resp: 642915
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052981.D
 Acq: 19 Dec 2018 1:05

Tgt Ion: 114 Resp: 2009362
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.8
 88 15.3 0.0 31.0

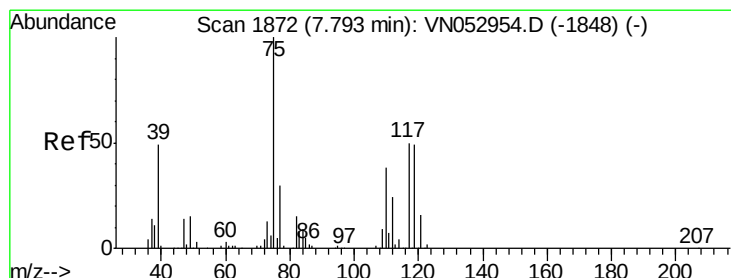
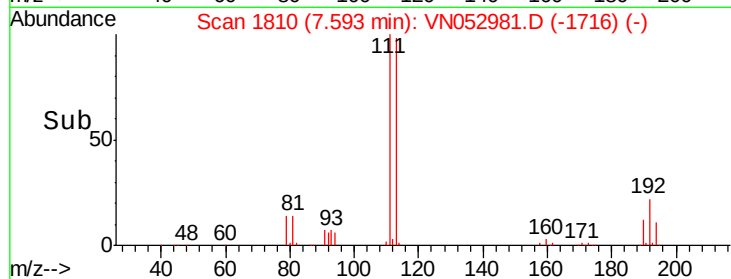
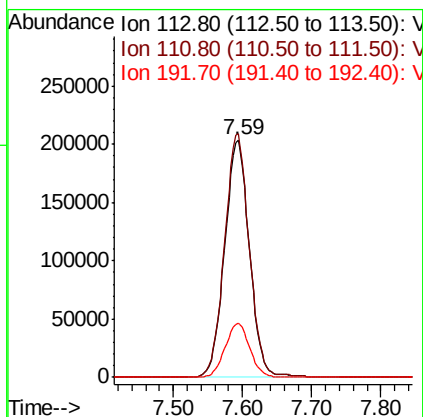
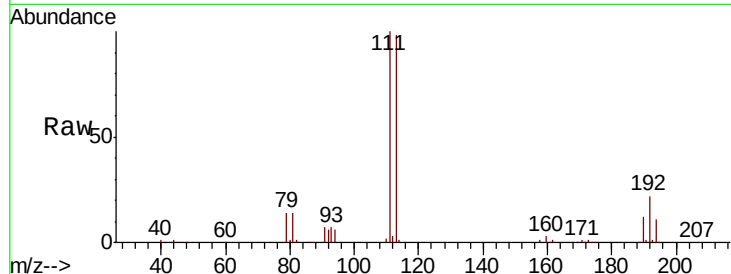




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052981.D
 Acq: 19 Dec 2018 1:05

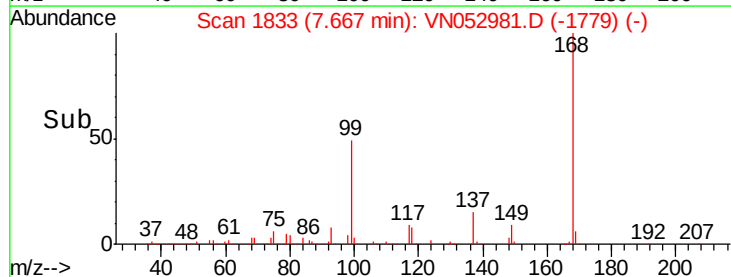
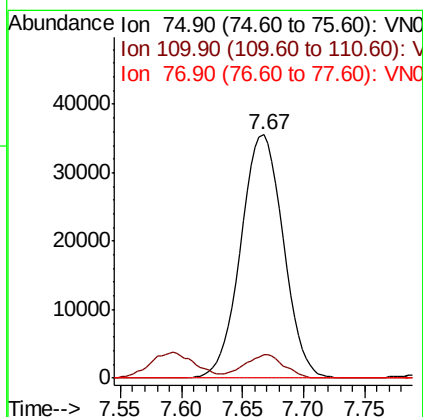
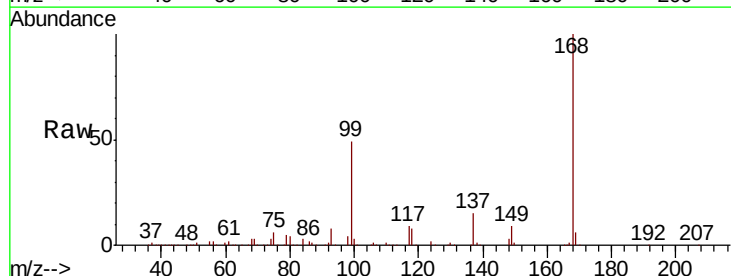
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-FD-1218DL

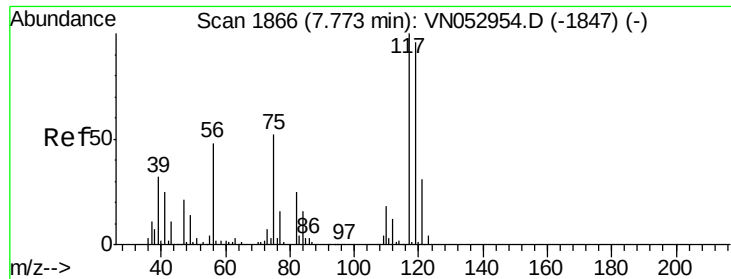
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.0	124.4
192	22.6	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 4.449 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052981.D
 Acq: 19 Dec 2018 1:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.2	54.6#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 6.453 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052981.D

Acq: 19 Dec 2018 1:05

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-FD-1218DL

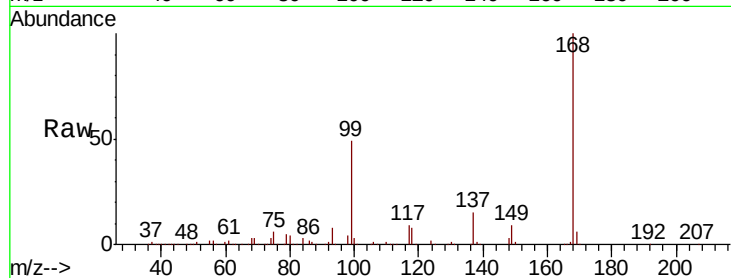
Tot Ion:117 Resp: 114070

Ion Ratio Lower Upper

117 100

119 4.2 77.1 115.7#

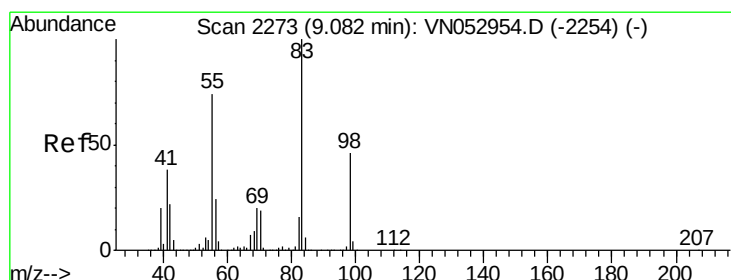
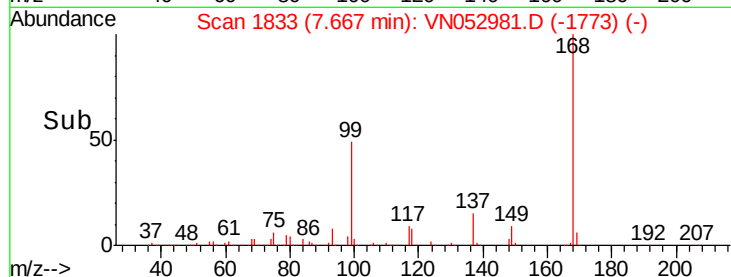
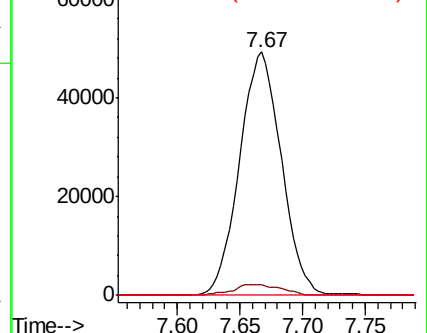
121 0.0 24.9 37.3#



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: 0.320 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN052981.D

Acq: 19 Dec 2018 1:05

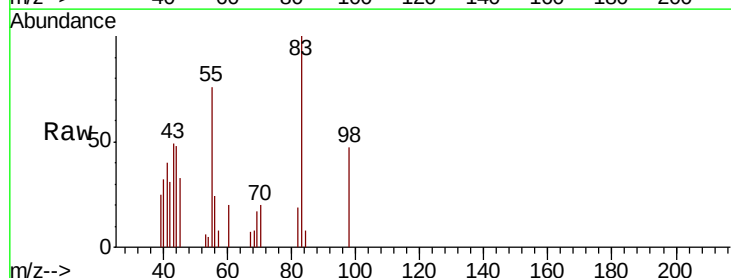
Tgt Ion: 83 Resp: 7495

Ion Ratio Lower Upper

83 100

55 75.6 61.3 91.9

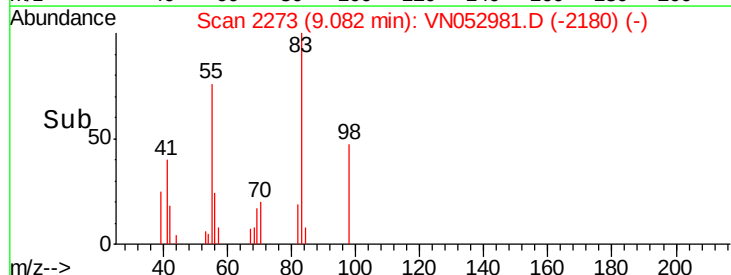
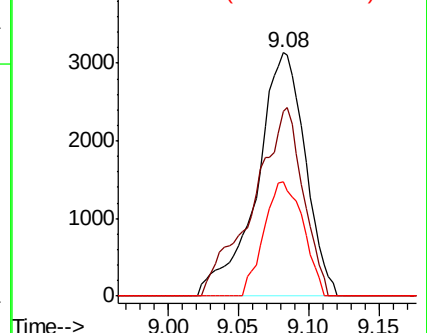
98 47.0 37.0 55.4

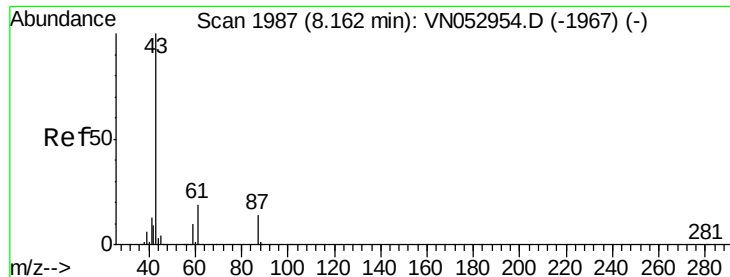


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#43

Isopropyl Acetate

Concen: 12.130 ug/l

RT: 8.33 min Scan# 2040

Delta R.T. 0.17 min

Lab File: VN052981.D

Acq: 19 Dec 2018 1:05

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-FD-1218DL

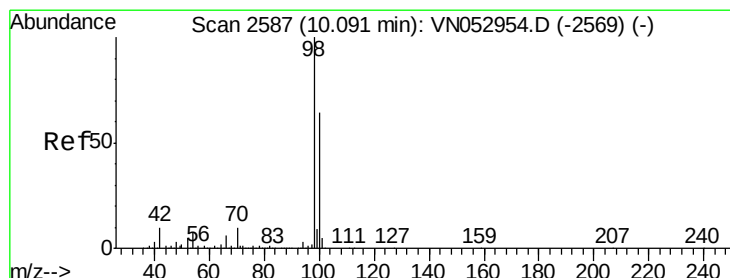
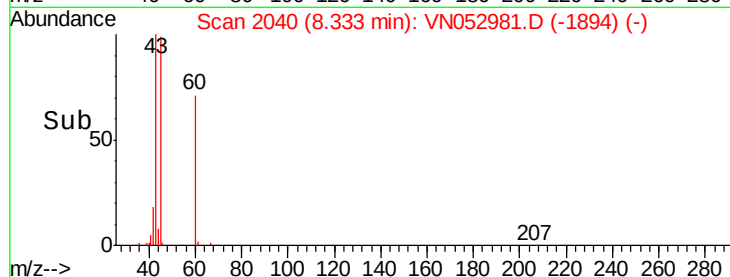
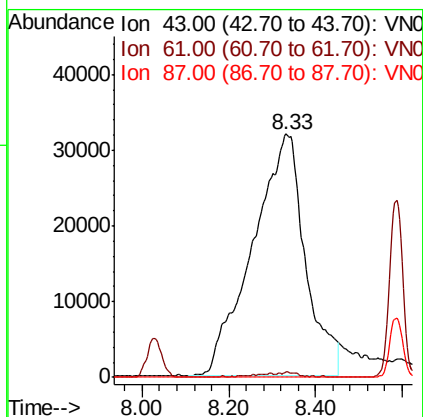
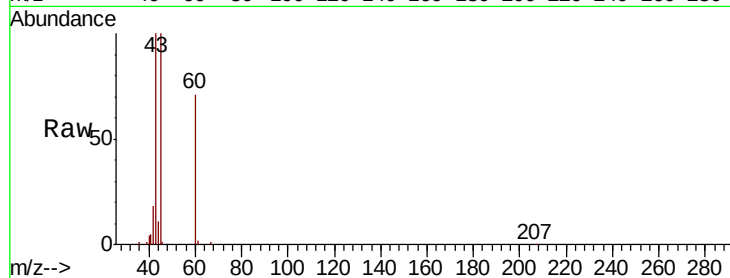
Tot Ion: 43 Resp: 269218

Ion Ratio Lower Upper

43 100

61 0.0 22.9 34.3#

87 0.0 10.6 15.8#



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052981.D

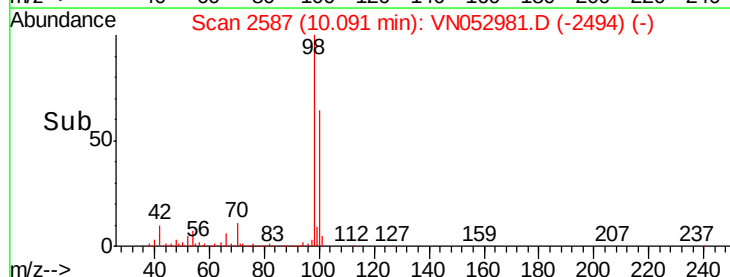
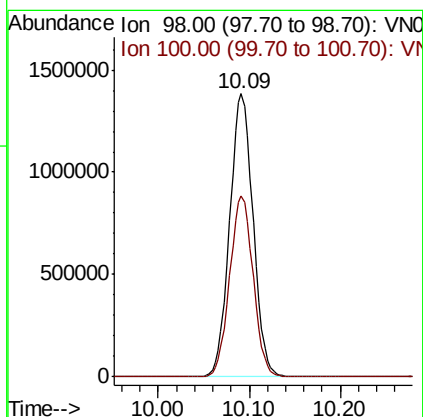
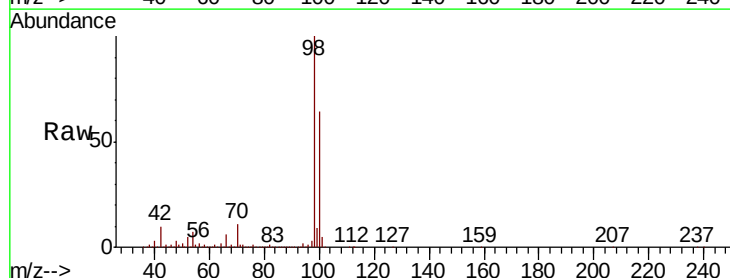
Acq: 19 Dec 2018 1:05

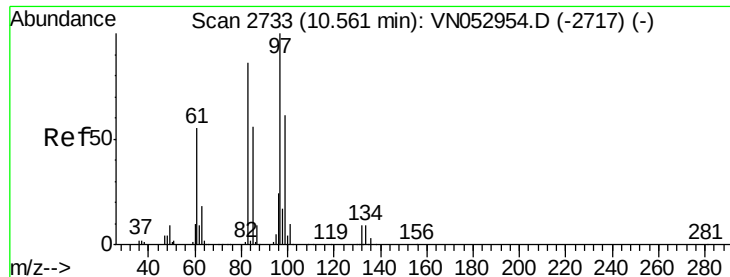
Tgt Ion: 98 Resp: 2469826

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4





#55

1,1,2-Trichloroethane

Concen: 1.002 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN052981.D

Acq: 19 Dec 2018 1:05

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-FD-1218DL

Tot Ion: 97 Resp: 12428

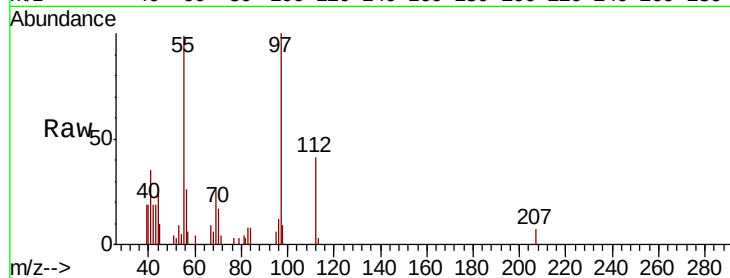
Ion Ratio Lower Upper

97 100

83 8.1 70.9 106.3#

85 0.0 45.4 68.2#

99 0.0 50.4 75.6#

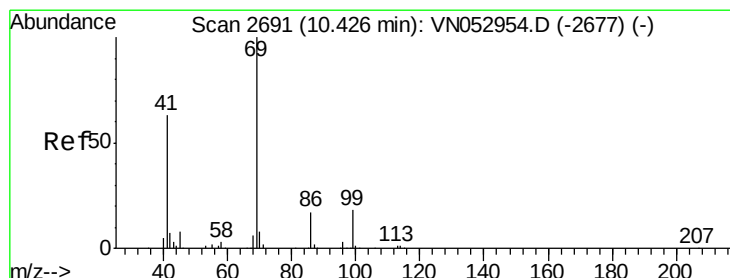
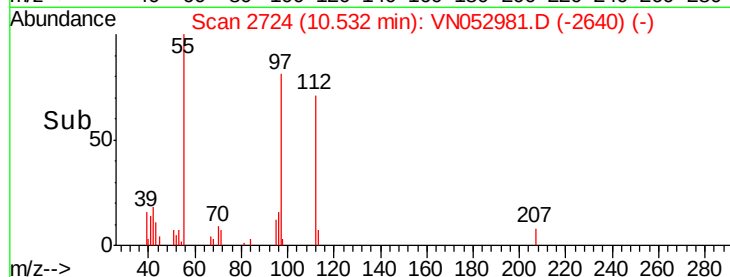
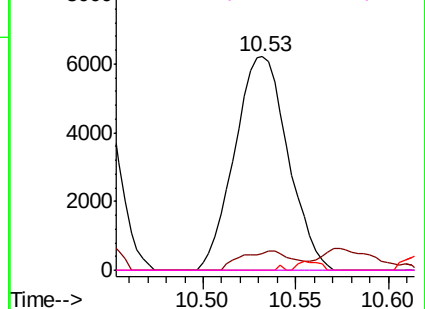


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 0.493 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.01 min

Lab File: VN052981.D

Acq: 19 Dec 2018 1:05

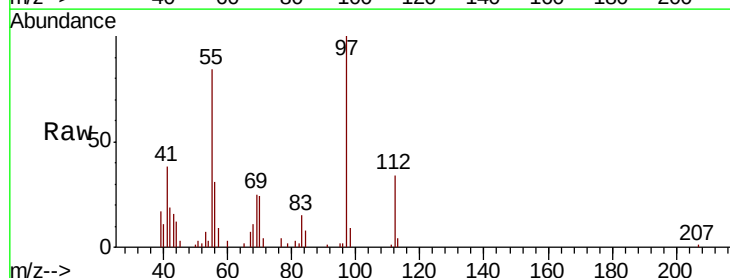
Tgt Ion: 69 Resp: 8097

Ion Ratio Lower Upper

69 100

41 112.5 51.7 77.5#

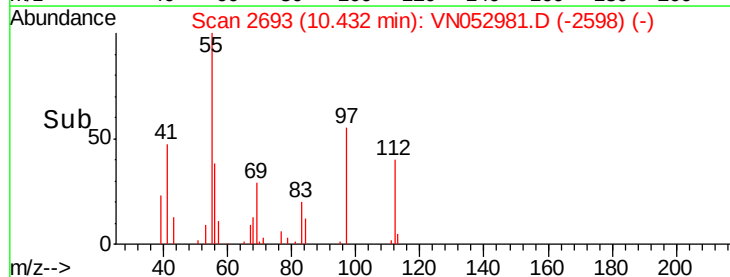
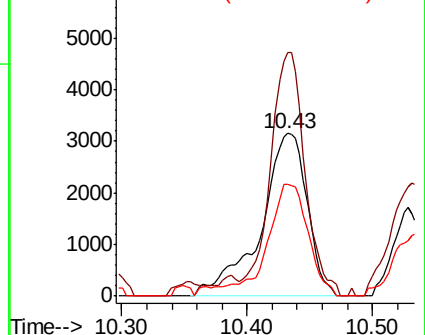
39 63.0 24.6 37.0#

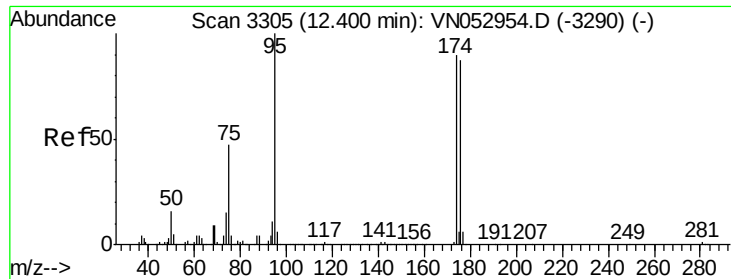


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052981.D

Acq: 19 Dec 2018 1:05

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-FD-1218DL

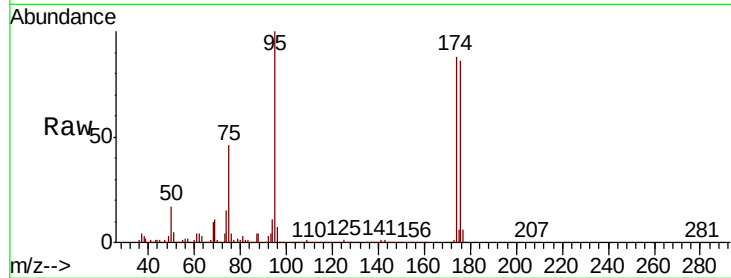
Tot Ion: 95 Resp: 868539

Ion Ratio Lower Upper

95 100

174 90.0 0.0 178.8

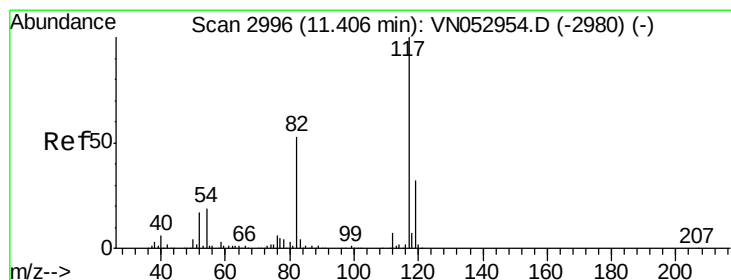
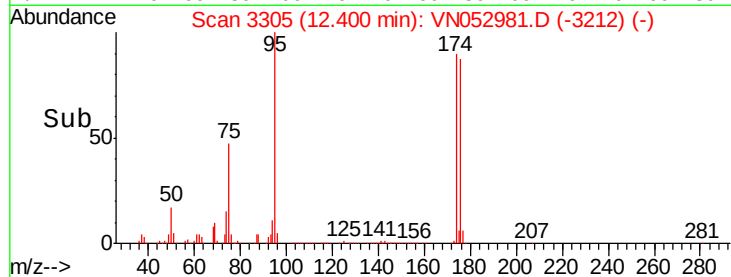
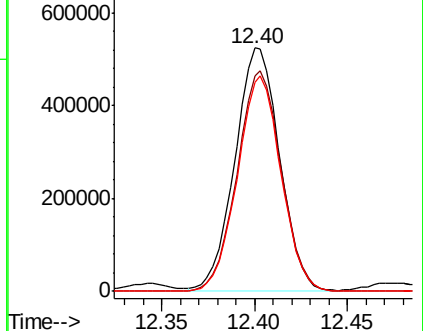
176 87.1 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN052954.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN052954.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN052954.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052981.D

Acq: 19 Dec 2018 1:05

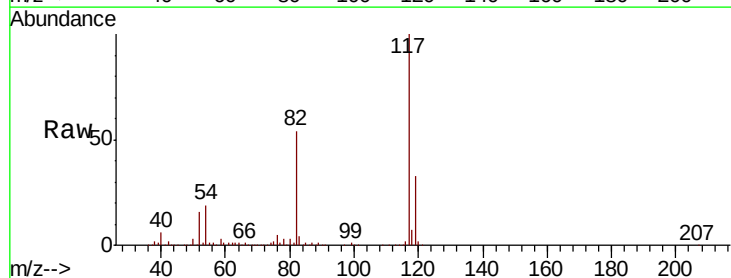
Tgt Ion: 117 Resp: 1840352

Ion Ratio Lower Upper

117 100

82 53.4 42.8 64.2

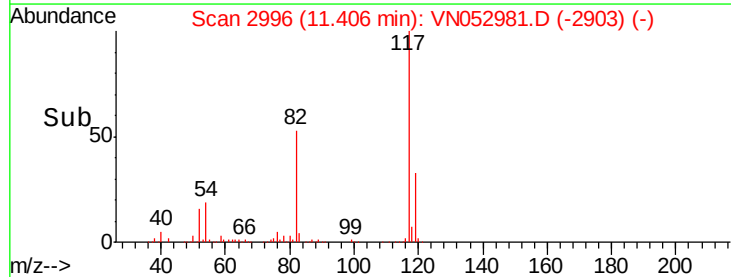
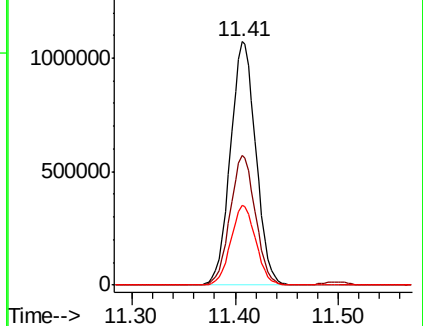
119 32.5 25.5 38.3

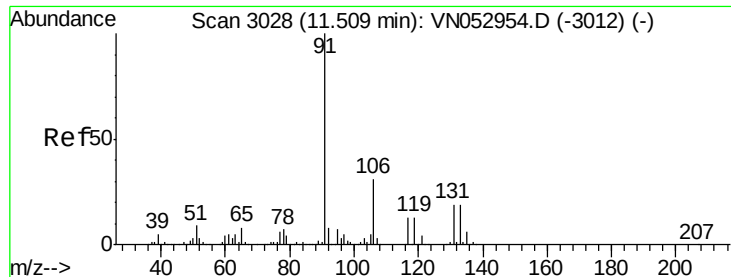


Abundance Ion 116.90 (116.60 to 117.60): VN052954.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN052954.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052954.D (-2980) (-)

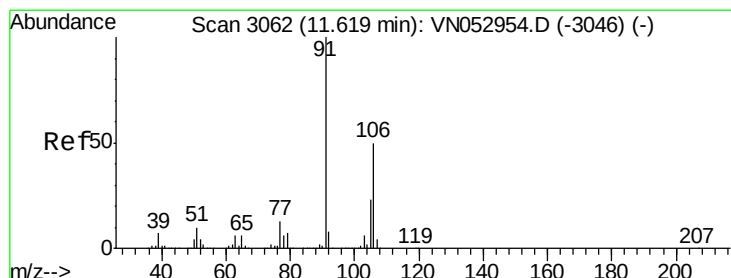
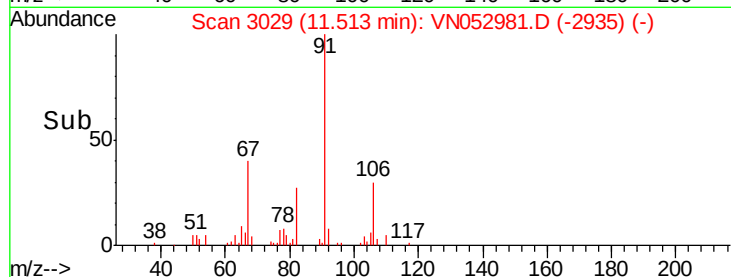
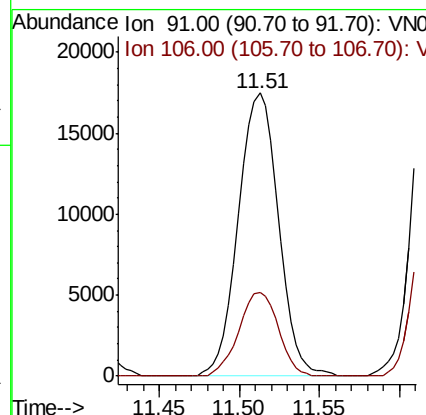
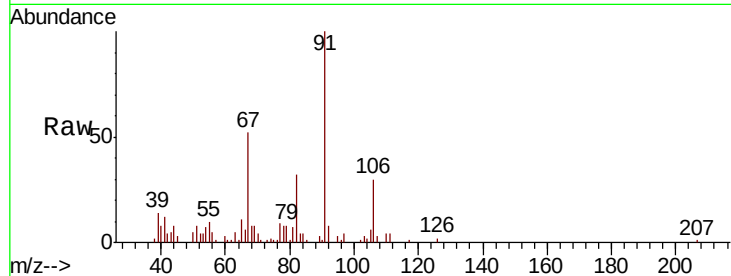




#67
Ethyl Benzene
Concen: 0.426 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN052981.D
Acq: 19 Dec 2018 1:05

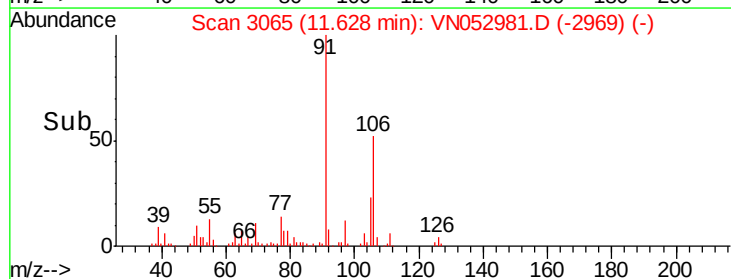
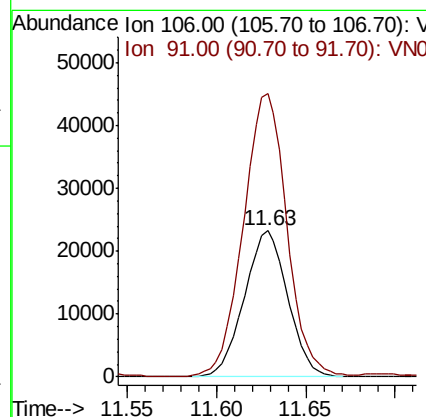
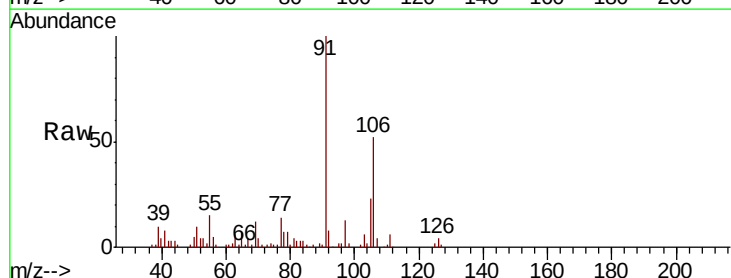
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-FD-1218DL

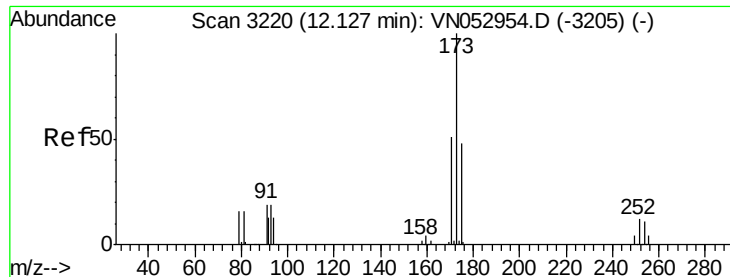
Tot Ion: 91 Resp: 29903
Ion Ratio Lower Upper
91 100
106 29.5 24.9 37.3



#68
m/p-Xylenes
Concen: 1.475 ug/l
RT: 11.63 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VN052981.D
Acq: 19 Dec 2018 1:05

Tgt Ion: 106 Resp: 39343
Ion Ratio Lower Upper
106 100
91 195.5 162.2 243.4





#71

Bromoform

Concen: 0.536 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN052981.D

Acq: 19 Dec 2018 1:05

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-FD-1218DL

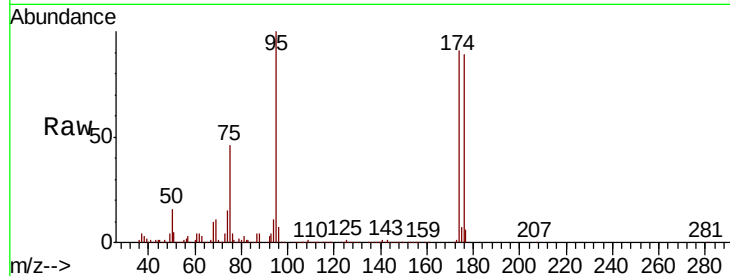
Tot Ion:173 Resp: 5491

Ion Ratio Lower Upper

173 100

175 888.1 24.3 72.9#

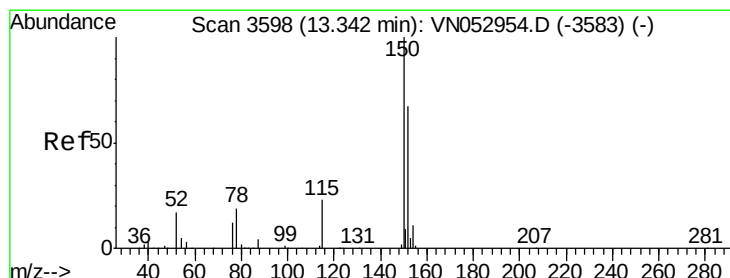
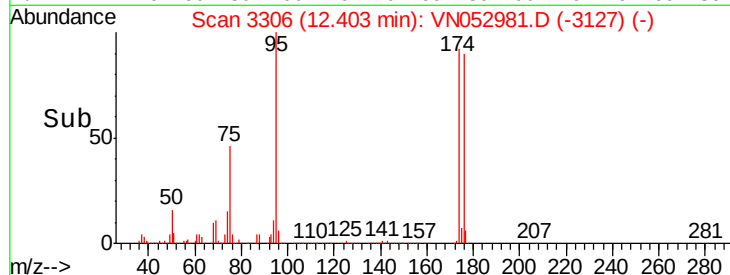
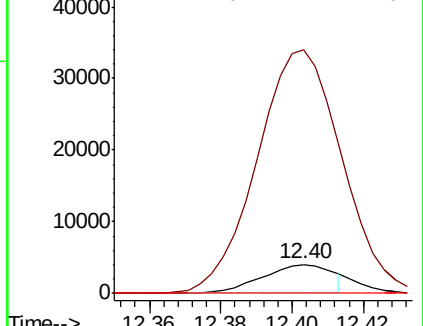
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052981.D

Acq: 19 Dec 2018 1:05

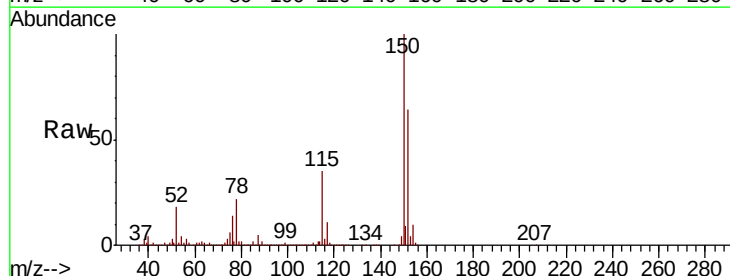
Tgt Ion:152 Resp: 835863

Ion Ratio Lower Upper

152 100

115 56.3 28.3 85.0

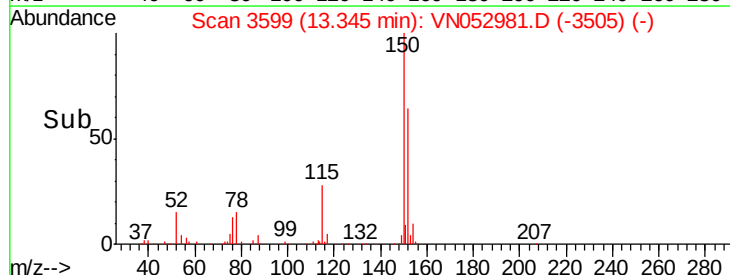
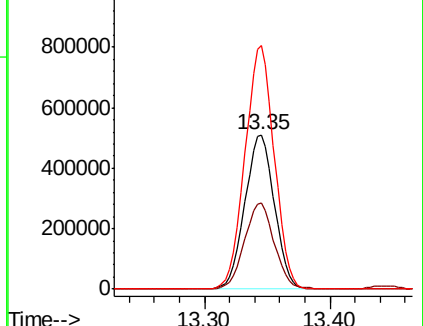
150 156.1 0.0 347.8

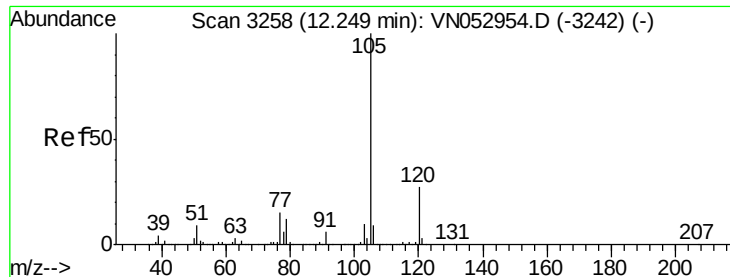


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.988 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052981.D

Acq: 19 Dec 2018 1:05

Instrument :

MSVOA_N

ClientSampleId :

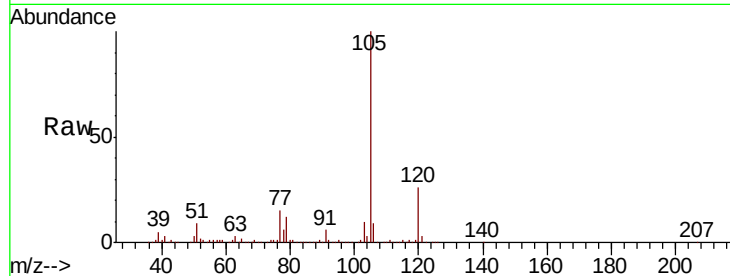
EP1-MW-FD-1218DL

Tot Ion:105 Resp: 1176378

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

800000

600000

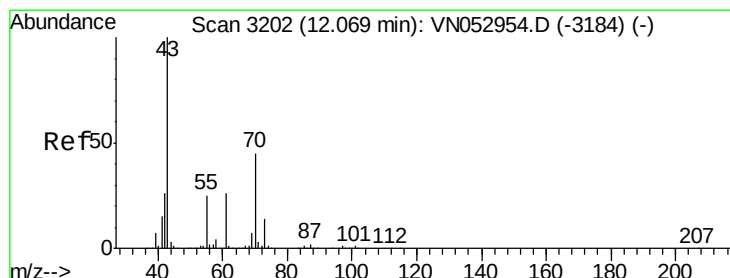
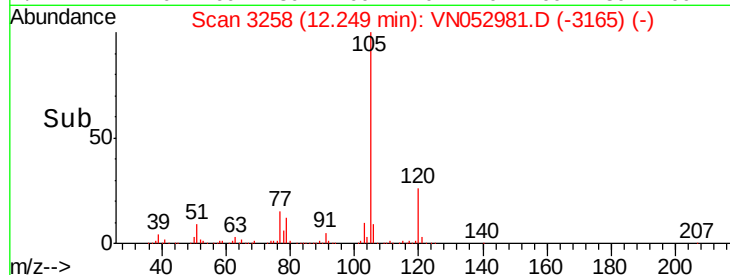
400000

200000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 0.906 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN052981.D

Acq: 19 Dec 2018 1:05

Tgt Ion: 43 Resp: 16452

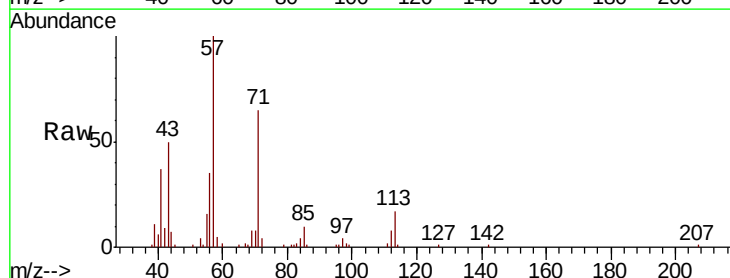
Ion Ratio Lower Upper

43 100

70 0.0 34.2 51.4#

55 0.0 20.3 30.5#

61 0.0 20.0 30.0#



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

40000

30000

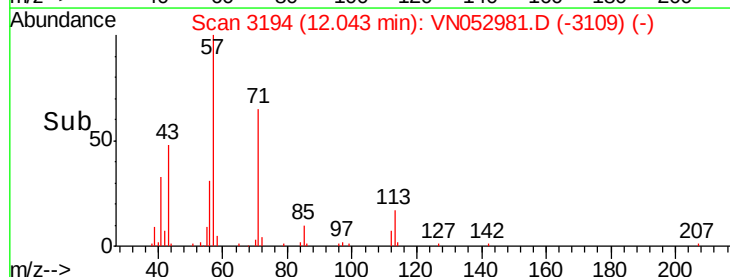
20000

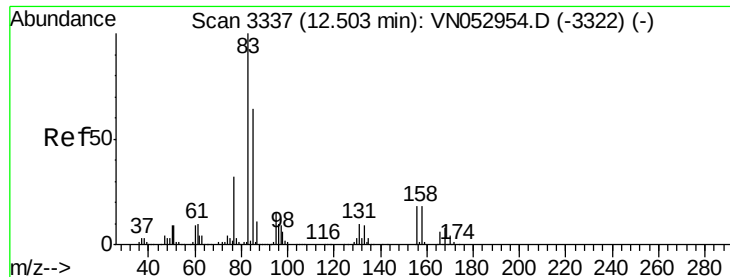
10000

0

Time-->

12.00 12.05





#75

1,1,2,2-Tetrachloroethane

Concen: 0.596 ug/l

RT: 12.47 min Scan# 3328

Delta R.T. -0.03 min

Lab File: VN052981.D

Acq: 19 Dec 2018 1:05

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-FD-1218DL

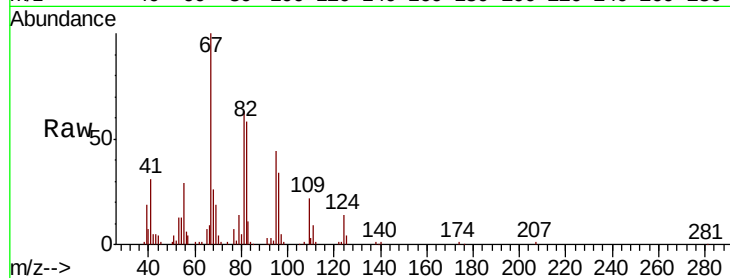
Tot Ion: 83 Resp: 7642

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 0.0 32.4 97.0#

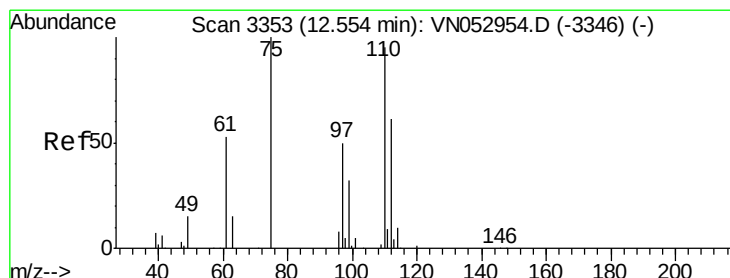
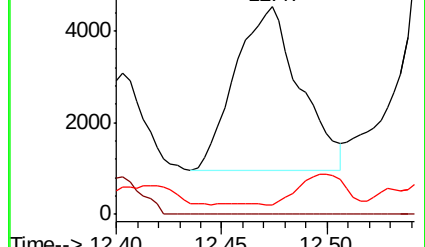
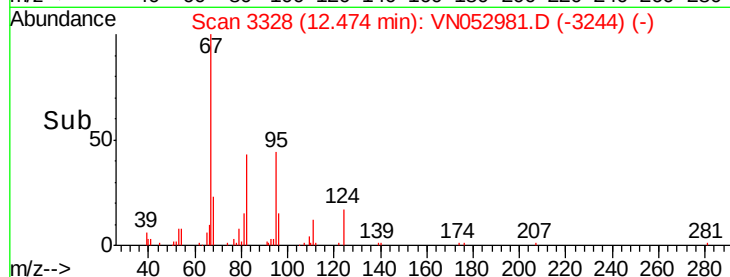


Abundance Ion 82.90 (82.60 to 83.60): VN052954.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN052954.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN052954.D (-3322) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 0.930 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.04 min

Lab File: VN052981.D

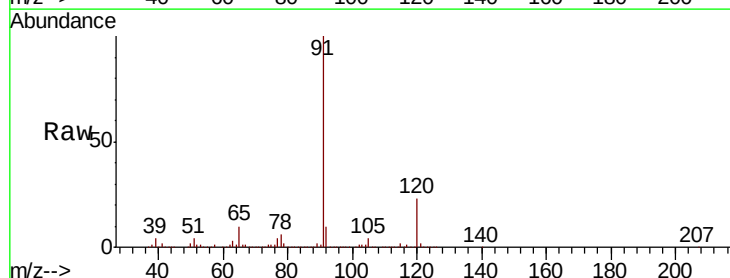
Acq: 19 Dec 2018 1:05

Tgt Ion: 75 Resp: 13081

Ion Ratio Lower Upper

75 100

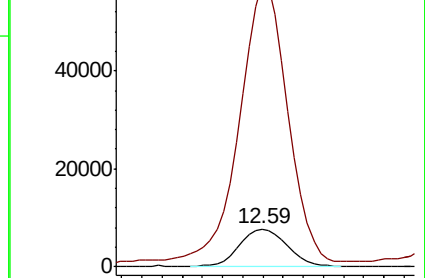
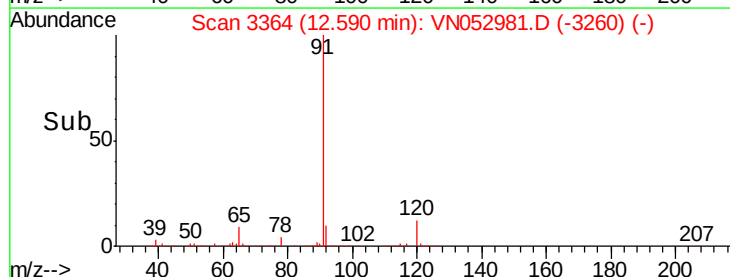
77 734.2 0.0 0.0#

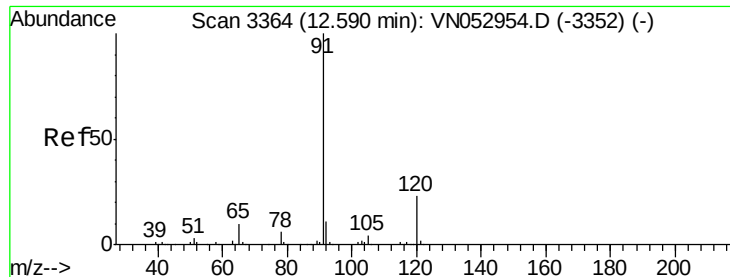


Abundance Ion 74.90 (74.60 to 75.60): VN052954.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN052954.D (-3346) (-)

Time-->





#78

n-propylbenzene

Concen: 33.108 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052981.D

Acq: 19 Dec 2018 1:05

Instrument :

MSVOA_N

ClientSampleId :

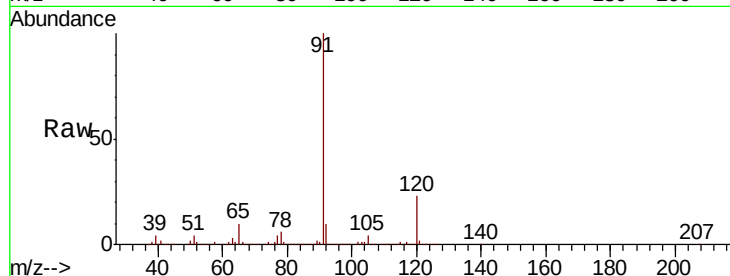
EP1-MW-FD-1218DL

Tot Ion: 91 Resp: 2466017

Ion Ratio Lower Upper

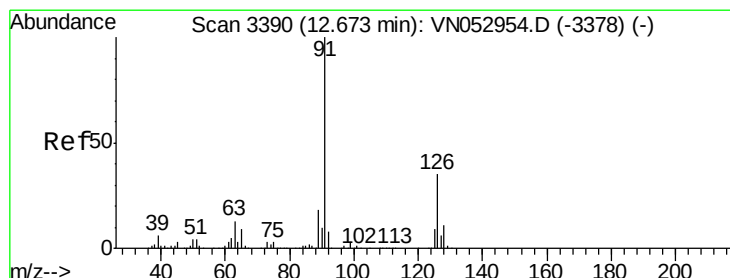
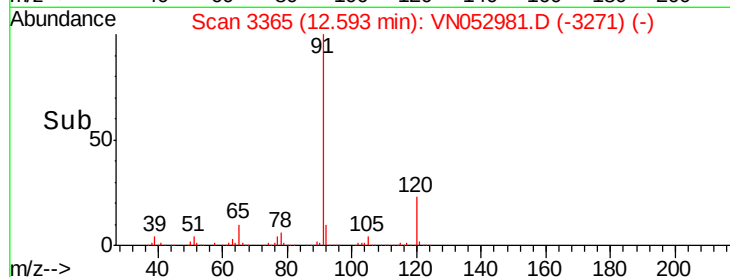
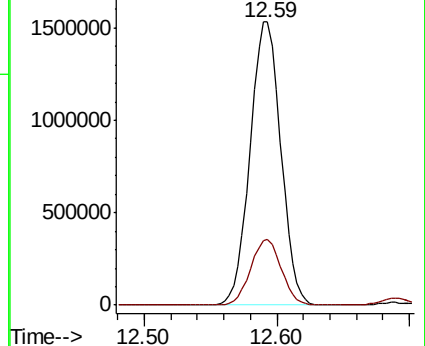
91 100

120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 53.413 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.08 min

Lab File: VN052981.D

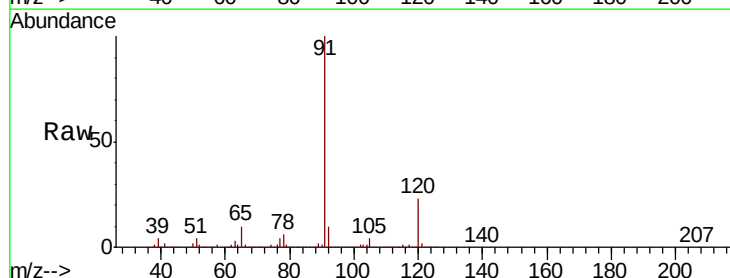
Acq: 19 Dec 2018 1:05

Tgt Ion: 91 Resp: 2466017

Ion Ratio Lower Upper

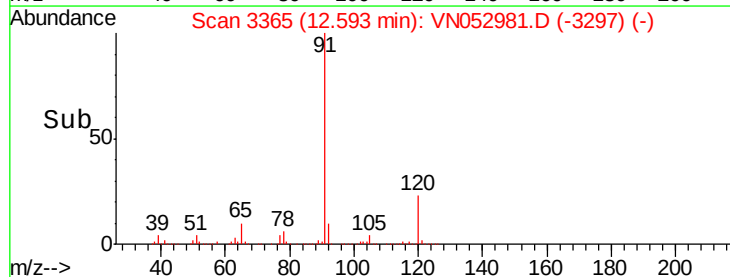
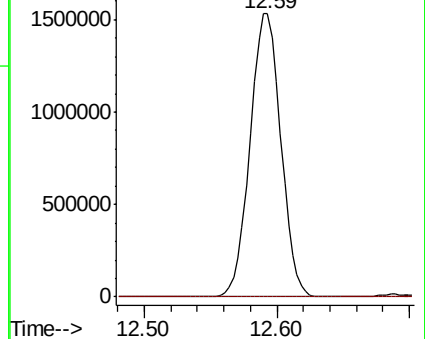
91 100

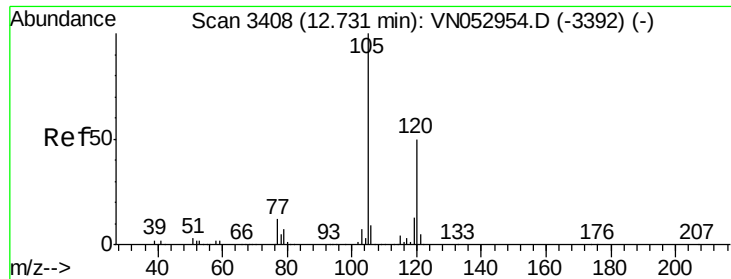
126 0.0 17.4 52.3#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 3.718 ug/l

RT: 12.69 min Scan# 3395

Delta R.T. -0.04 min

Lab File: VN052981.D

Acq: 19 Dec 2018 1:05

Instrument :

MSVOA_N

ClientSampleId :

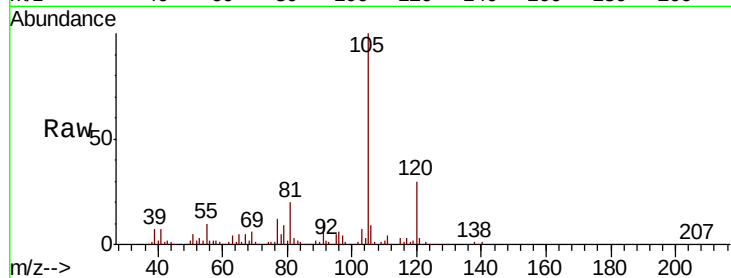
EP1-MW-FD-1218DL

Tot Ion:105 Resp: 198208

Ion Ratio Lower Upper

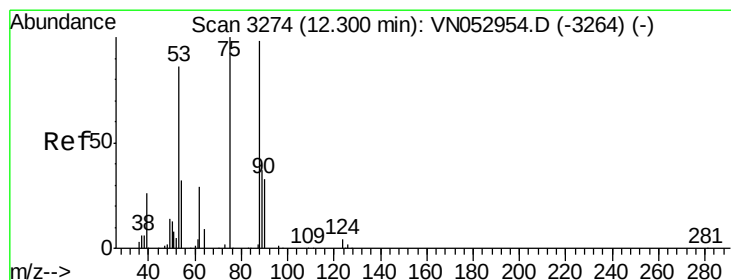
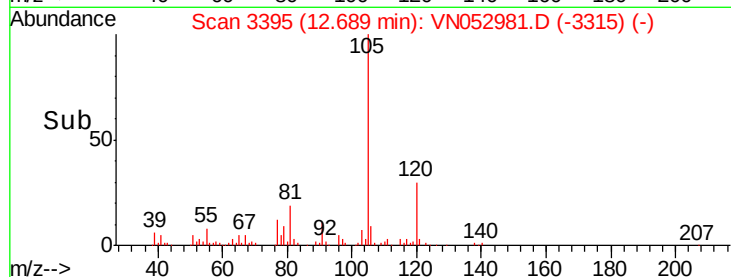
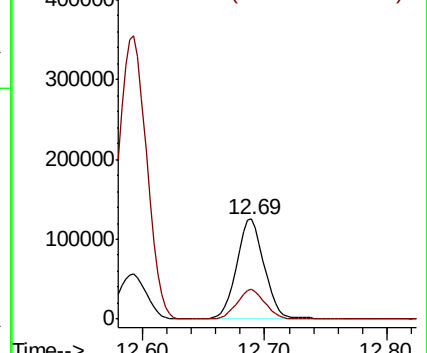
105 100

120 30.1 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 92.204 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052981.D

Acq: 19 Dec 2018 1:05

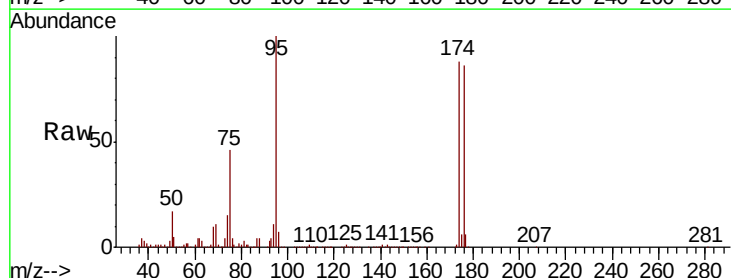
Tgt Ion: 75 Resp: 402529

Ion Ratio Lower Upper

75 100

53 0.6 74.7 112.1#

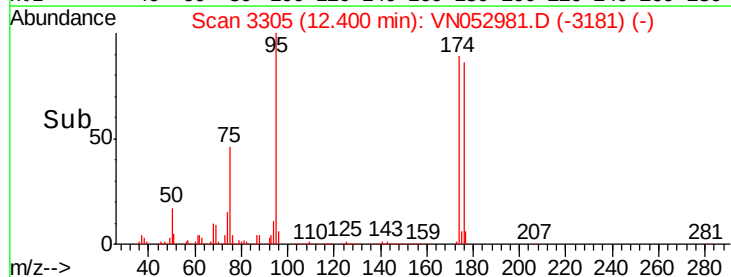
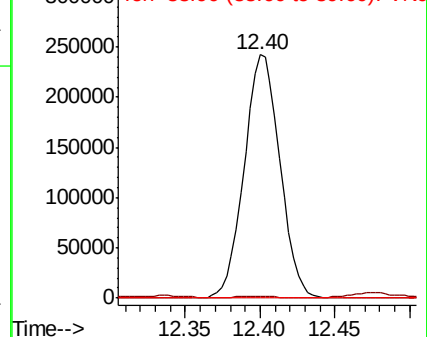
89 0.0 36.1 54.1#

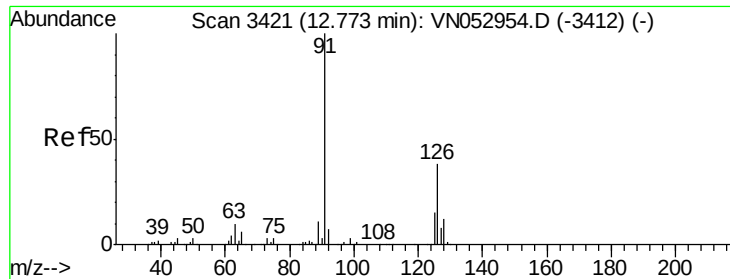


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 53.00 (52.70 to 53.70): V

Ion 88.90 (88.60 to 89.60): V





#82

4-Chlorotoluene

Concen: 54.564 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.18 min

Lab File: VN052981.D

Acq: 19 Dec 2018 1:05

Instrument :

MSVOA_N

ClientSampleId :

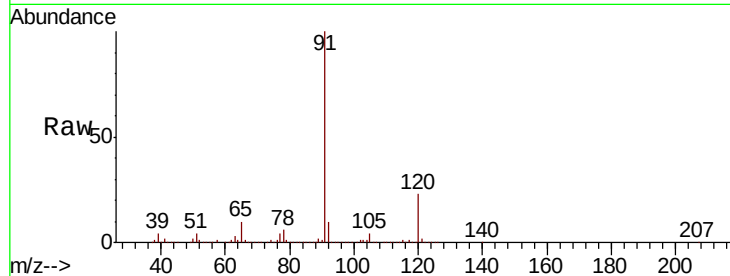
EP1-MW-FD-1218DL

Tot Ion: 91 Resp: 2466017

Ion Ratio Lower Upper

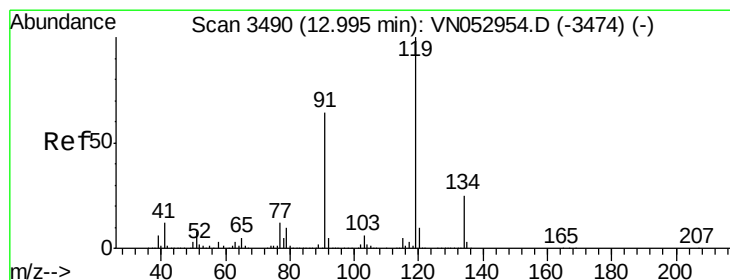
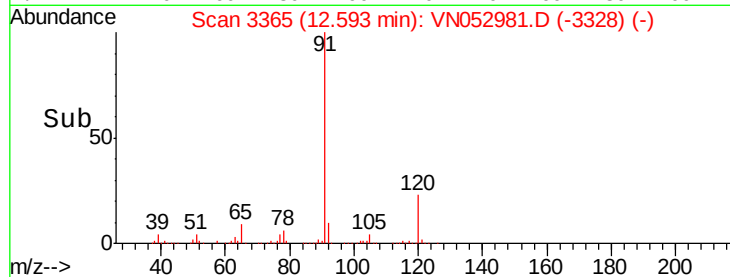
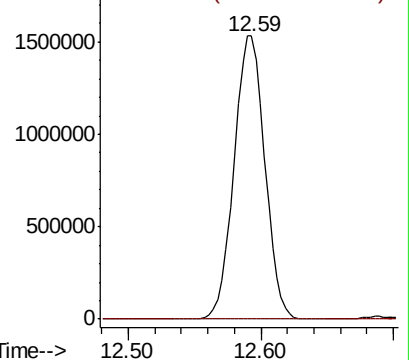
91 100

126 0.0 17.3 51.7#



Abundance Ion 91.00 (90.70 to 91.70): VN052981.D (-3365) (-)

Ion 125.90 (125.60 to 126.60): VN052981.D (-3365) (-)



#83

tert-Butylbenzene

Concen: 2.409 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN052981.D

Acq: 19 Dec 2018 1:05

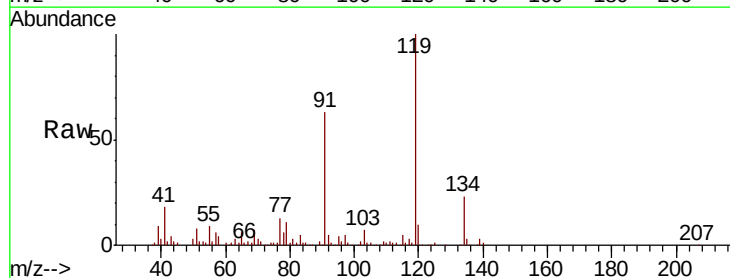
Tgt Ion: 119 Resp: 113551

Ion Ratio Lower Upper

119 100

91 64.4 31.9 95.5

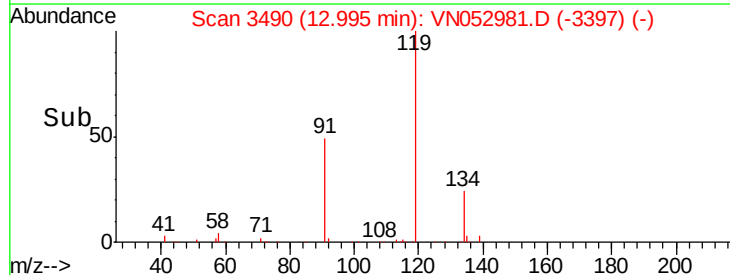
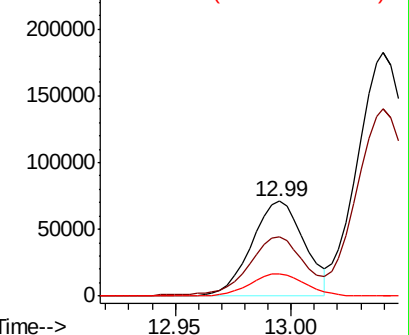
134 24.1 12.8 38.4

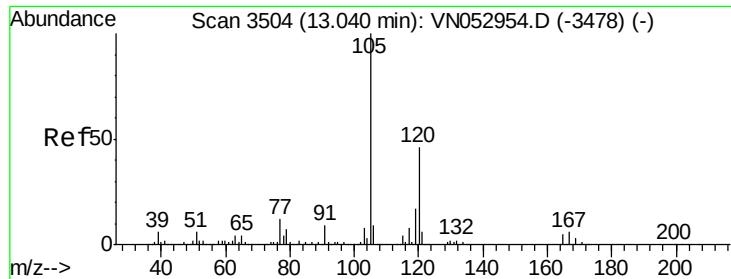


Abundance Ion 119.00 (118.70 to 119.70): VN052981.D (-3490) (-)

Ion 91.00 (90.70 to 91.70): VN052981.D (-3490) (-)

Ion 134.00 (133.70 to 134.70): VN052981.D (-3490) (-)

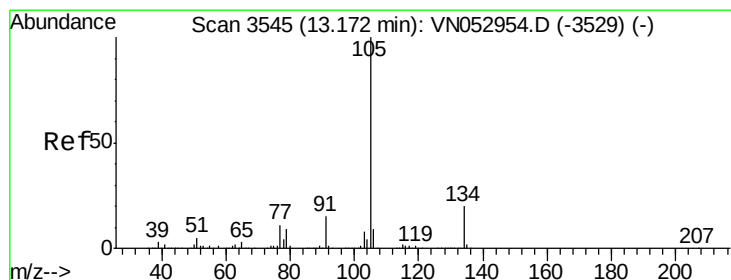
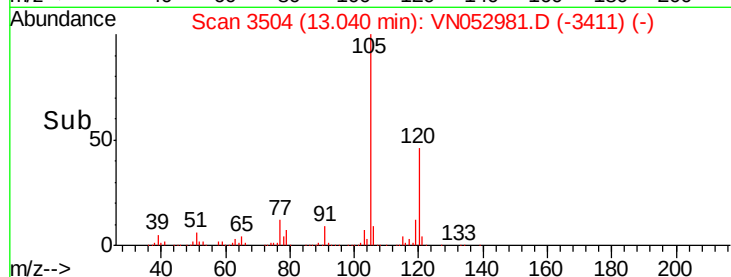
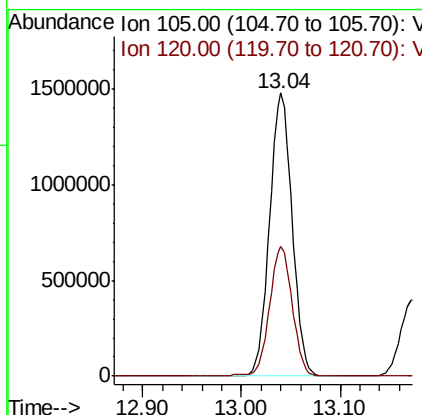
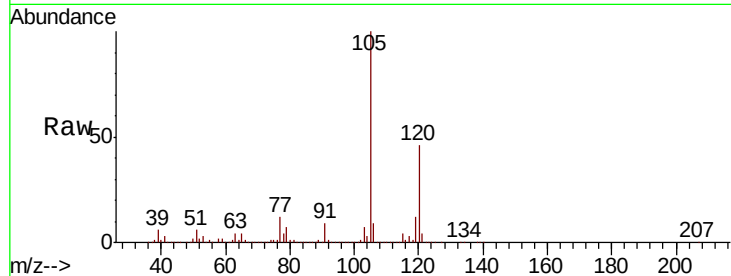




#84
 1,2,4-Trimethylbenzene
 Concen: 43.394 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052981.D
 Acq: 19 Dec 2018 1:05

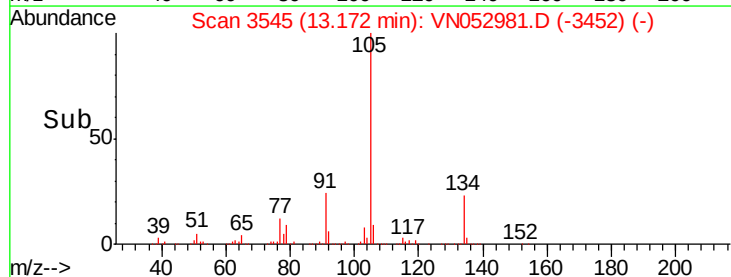
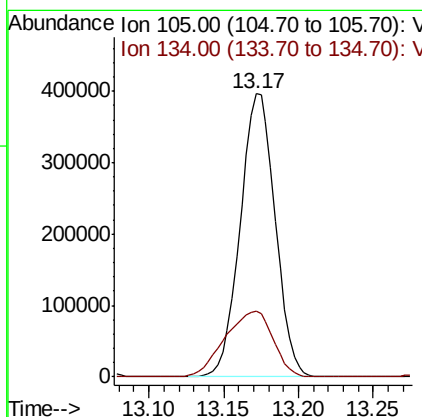
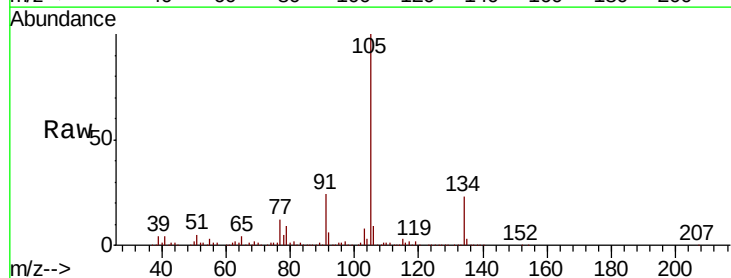
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-FD-1218DL

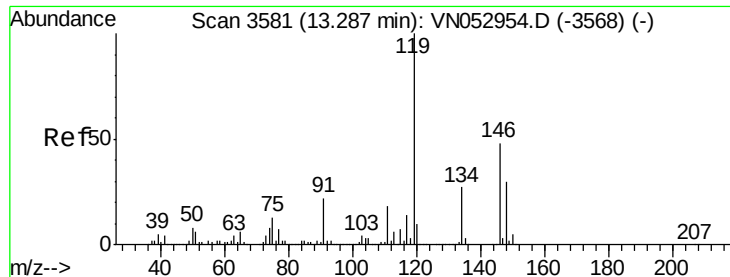
Tot Ion:105 Resp: 2325370
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.9 68.8



#85
 sec-Butylbenzene
 Concen: 10.075 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN052981.D
 Acq: 19 Dec 2018 1:05

Tgt Ion:105 Resp: 642462
 Ion Ratio Lower Upper
 105 100
 134 32.1 10.1 30.3#

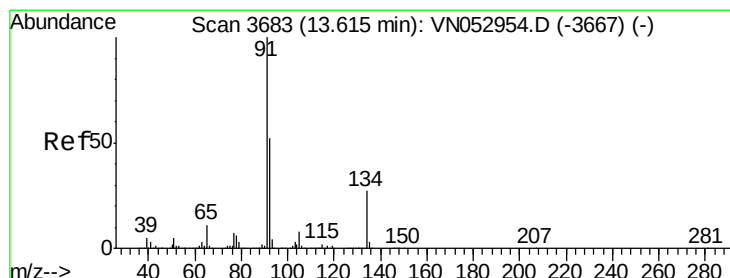
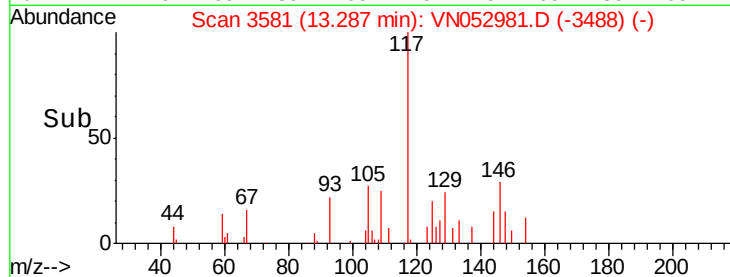
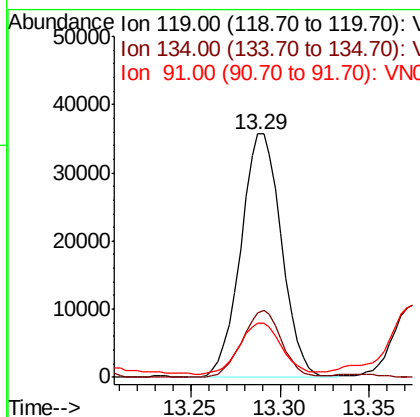
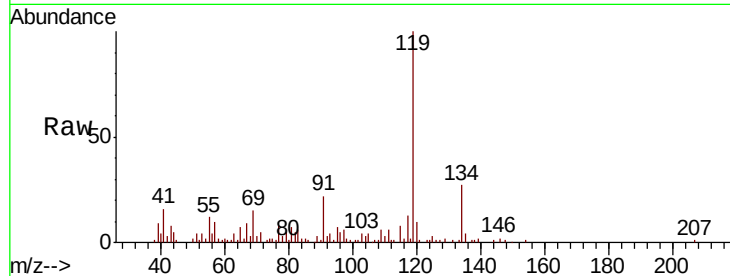




#86
 p-Isopropyltoluene
 Concen: 1.030 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN052981.D
 Acq: 19 Dec 2018 1:05

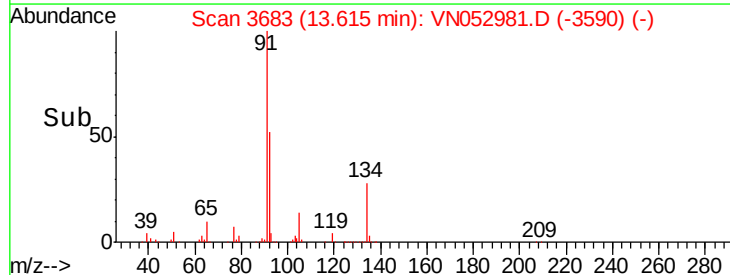
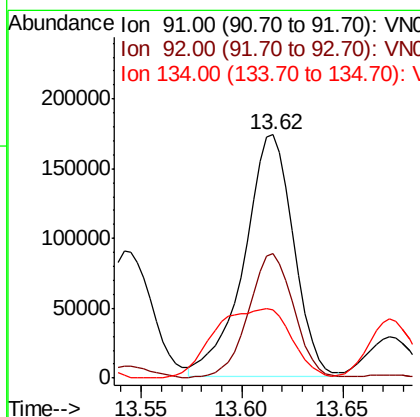
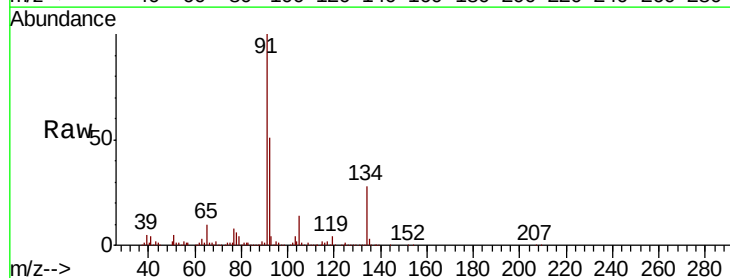
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-FD-1218DL

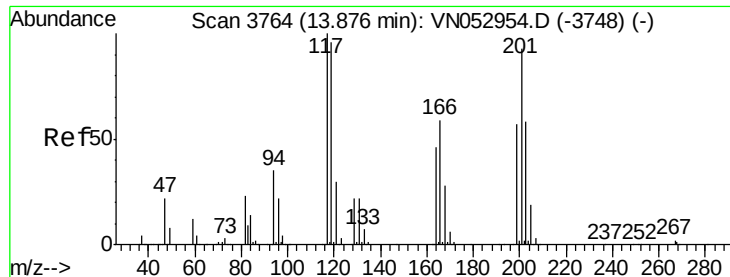
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.4	40.2
91	21.3	11.1	33.3



#89
 n-Butylbenzene
 Concen: 6.273 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. -0.00 min
 Lab File: VN052981.D
 Acq: 19 Dec 2018 1:05

Tgt Ion	Ratio	Lower	Upper
91	100		
92	47.6	26.3	78.9
134	44.4	13.3	39.8





#90

Hexachloroethane

Concen: 10.204 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN052981.D

Acq: 19 Dec 2018 1:05

Instrument :

MSVOA_N

ClientSampleId :

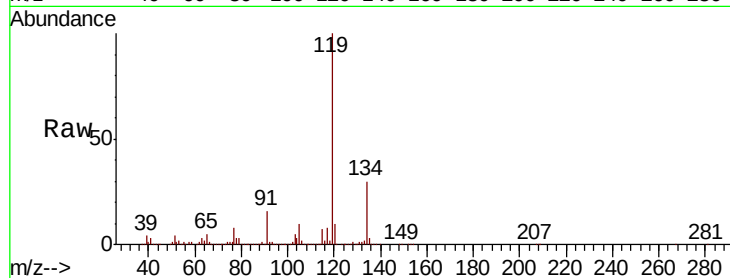
EP1-MW-FD-1218DL

Tot Ion:117 Resp: 86283

Ion Ratio Lower Upper

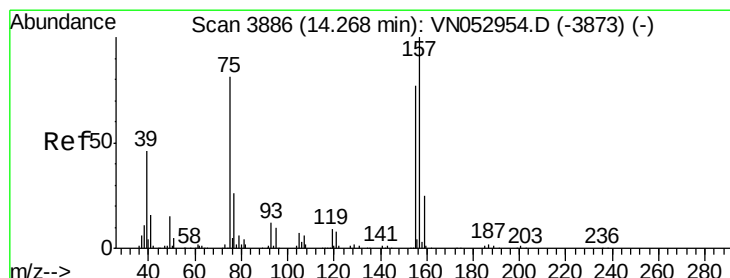
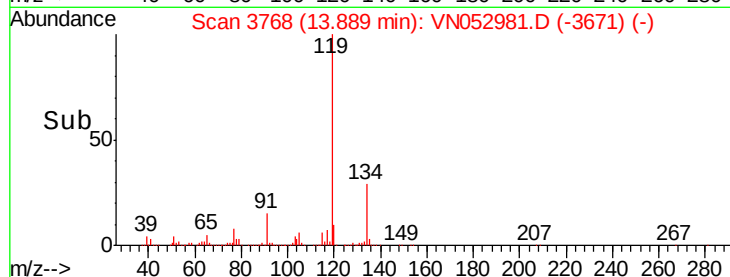
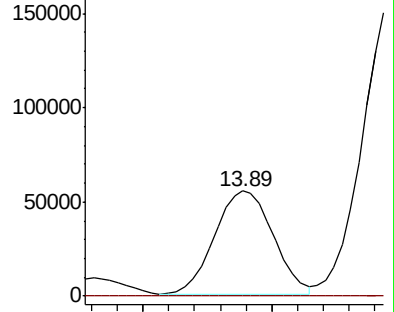
117 100

201 0.0 45.7 137.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.056 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN052981.D

Acq: 19 Dec 2018 1:05

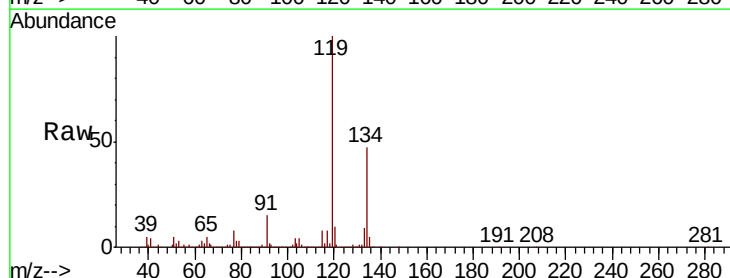
Tgt Ion: 75 Resp: 2342

Ion Ratio Lower Upper

75 100

155 0.0 48.2 144.6#

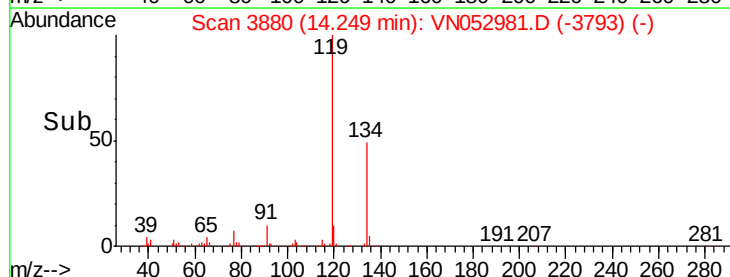
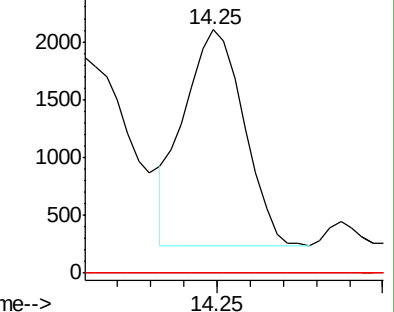
157 0.0 61.2 183.5#

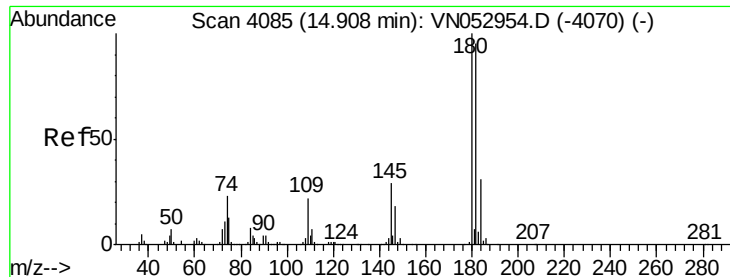


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

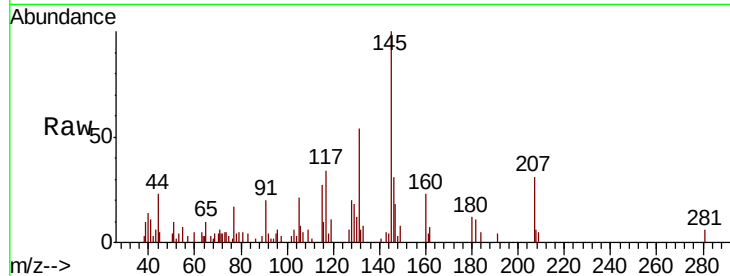




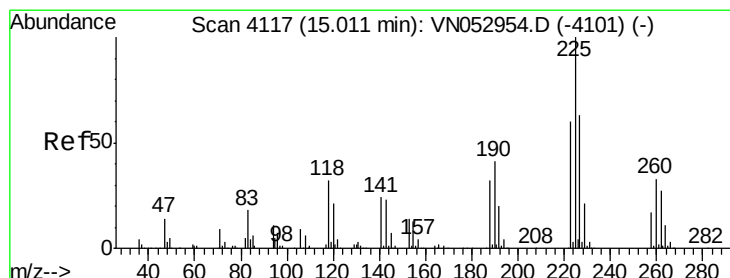
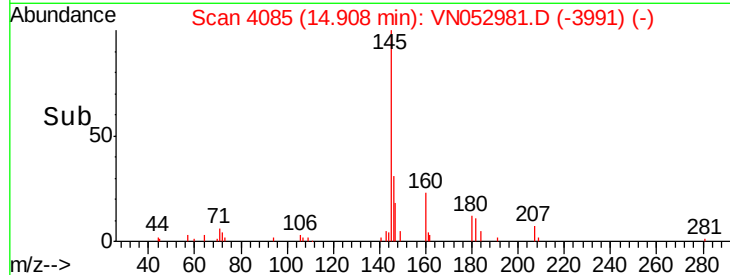
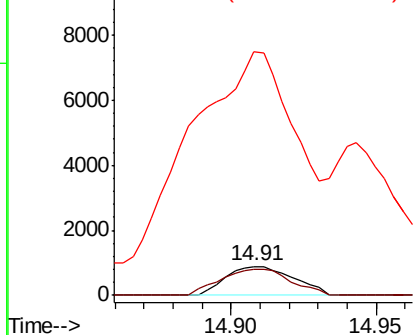
#93
 1,2,4-Trichlorobenzene
 Concen: 0.691 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052981.D
 Acq: 19 Dec 2018 1:05

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-FD-1218DL

Tot Ion:180 Resp: 1448
 Ion Ratio Lower Upper
 180 100
 182 93.2 47.8 143.3
 145 1381.1 14.2 42.6#

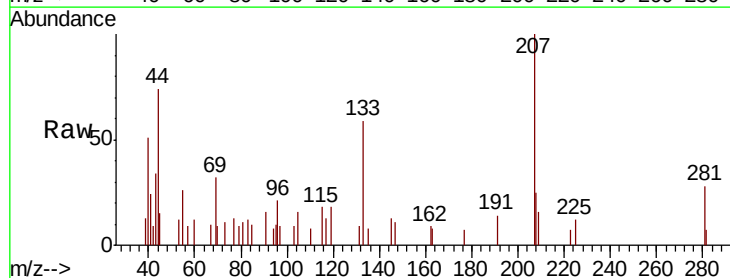


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

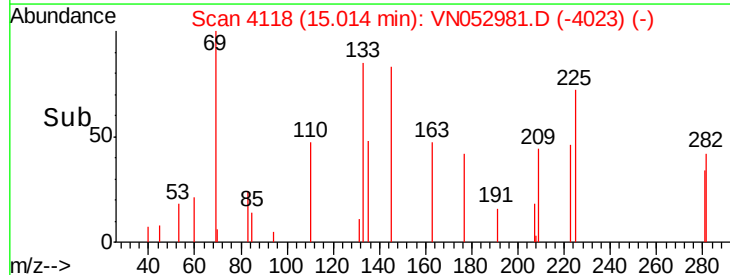
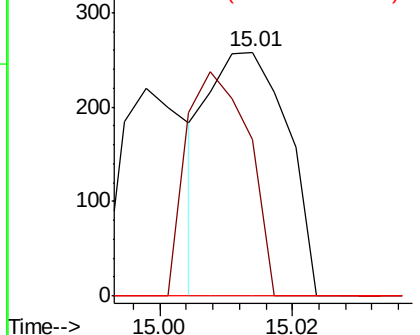


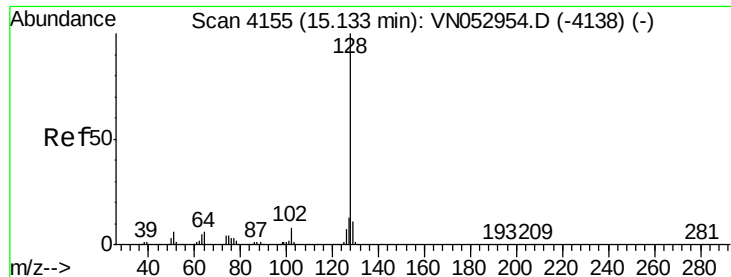
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN052981.D
 Acq: 19 Dec 2018 1:05

Tgt Ion:225 Resp: 213
 Ion Ratio Lower Upper
 225 100
 223 73.2 31.5 94.5
 227 0.0 31.9 95.7#



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





#95

Naphthalene

Concen: 1.349 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052981.D

Acq: 19 Dec 2018 1:05

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-FD-1218DL

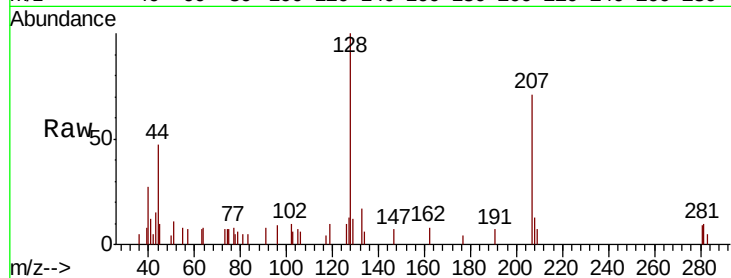
Tot Ion:128 Resp: 6812

Ion Ratio Lower Upper

128 100

127 13.8 10.2 15.4

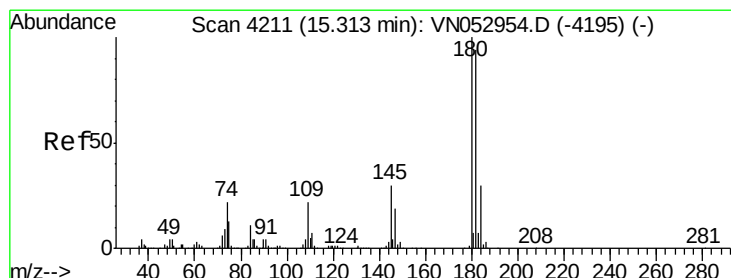
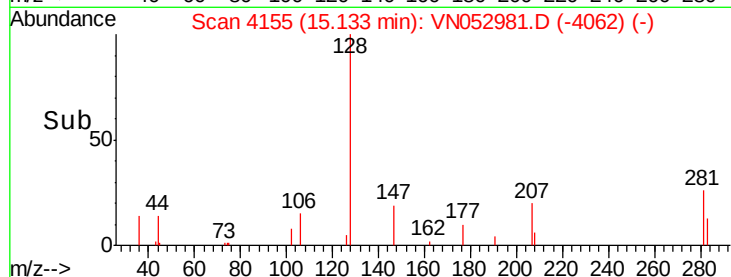
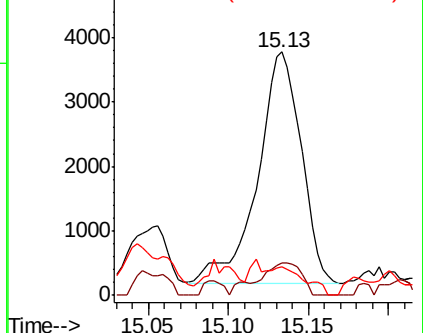
129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.607 ug/l

RT: 15.32 min Scan# 4214

Delta R.T. 0.01 min

Lab File: VN052981.D

Acq: 19 Dec 2018 1:05

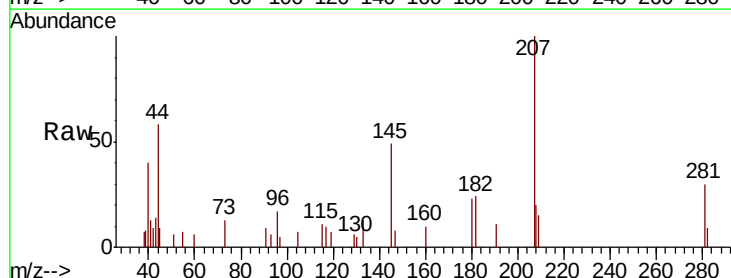
Tgt Ion:180 Resp: 1350

Ion Ratio Lower Upper

180 100

182 86.4 47.9 143.7

145 0.0 15.0 45.0#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

