

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
 Data File : VN053032.D
 Acq On : 20 Dec 2018 1:30
 Operator : MD\SY
 Sample : J6411-05
 Misc : 5.48g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 39 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-2B(15-16FT)1218

Quant Time: Dec 20 05:29:25 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	1397163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2130094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1992032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	867902	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	661874	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	
35) Dibromofluoromethane	7.59	113	543214	55.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.66%	
50) Toluene-d8	10.09	98	2719924	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.40	95	1113225	60.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.42%	

Target Compounds

						Qvalue
16) Acetone	3.82	43	2873	1.033	ug/l #	86
18) Methyl Acetate	4.34	43	4089	1.310	ug/l #	67
20) Methylene Chloride	4.55	84	4140	0.273	ug/l	86
31) Cyclohexane	7.66	56	34449	0.360	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	89241	4.365	ug/l #	48
38) Carbon Tetrachloride	7.67	117	121146	6.465	ug/l #	16
39) Methylcyclohexane	9.08	83	113627	4.575	ug/l	99
43) Isopropyl Acetate	8.30	43	110056	4.022	ug/l #	53
51) 4-Methyl-2-Pentanone	10.09	43	39103	3.538	ug/l #	80
55) 1,1,2-Trichloroethane	10.53	97	193805	14.738	ug/l #	19
56) Ethyl methacrylate	10.43	69	84446	4.852	ug/l #	14
59) 2-Hexanone	10.72	43	965225	129.070	ug/l #	28
65) Chlorobenzene	11.54	112	45280	1.025	ug/l #	43
67) Ethyl Benzene	11.51	91	297712	3.920	ug/l	98
68) m/p-Xylenes	11.63	106	721919	25.007	ug/l	98
71) Bromoform	12.40	173	4647	0.419	ug/l #	1
73) Isopropylbenzene	12.25	105	2683930	39.524	ug/l	100
74) N-amyl acetate	12.05	43	2959581	156.981	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.47	83	264095	19.824	ug/l #	25
76) 1,2,3-Trichloropropane	12.59	75	40885	2.798	ug/l #	100
78) n-propylbenzene	12.59	91	7496245	96.928	ug/l	99
79) 2-Chlorotoluene	12.69	91	899863	18.771	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.69	105	7722578	139.525	ug/l	72
81) trans-1,4-Dichloro-2-buten	12.25	75	27574	6.083	ug/l #	1
82) 4-Chlorotoluene	12.69	91	900336	19.186	ug/l #	40
83) tert-Butylbenzene	12.99	119	504765	10.312	ug/l	94
84) 1,2,4-Trimethylbenzene	13.17	105	3792677	68.163	ug/l #	30
85) sec-Butylbenzene	13.17	105	3792677	57.282	ug/l #	74
86) p-Isopropyltoluene	13.29	119	3246485	56.745	ug/l	100
89) n-Butylbenzene	13.62	91	3983461	80.931	ug/l #	79
90) Hexachloroethane	13.89	117	450360	51.296	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.25	75	21329	9.259	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	1504	0.691	ug/l #	1
95) Naphthalene	15.13	128	181060	6.331	ug/l	98

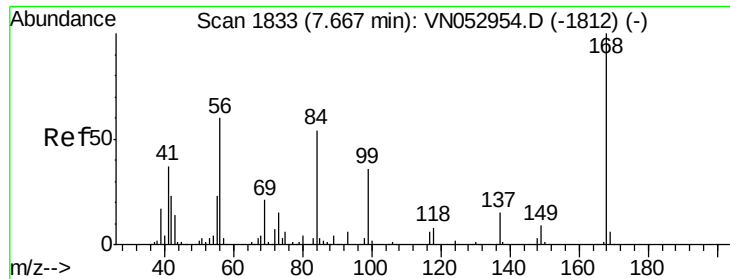
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
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Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.32	180	378	0.535	ug/l #	4

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053032.D

Acq: 20 Dec 2018 1:30

Instrument :

MSVOA_N

ClientSampleId :

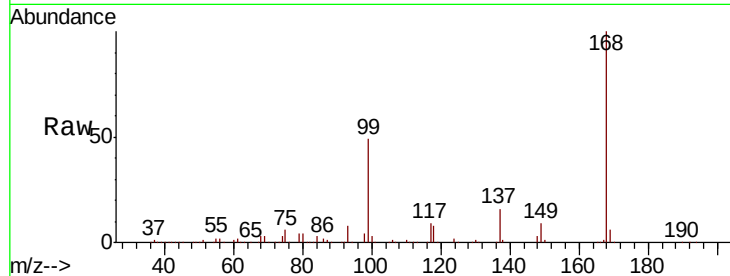
EP1-SBR-2B(15-16FT)1218

Tot Ion:168 Resp: 1397163

Ion Ratio Lower Upper

168 100

99 49.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

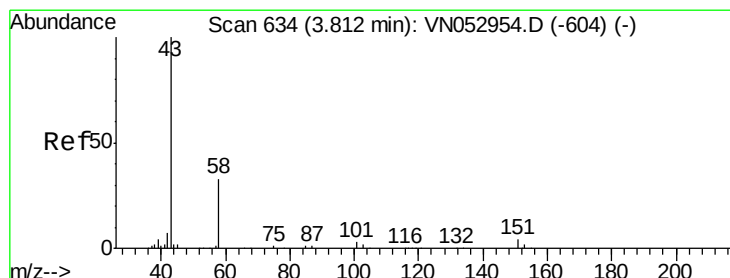
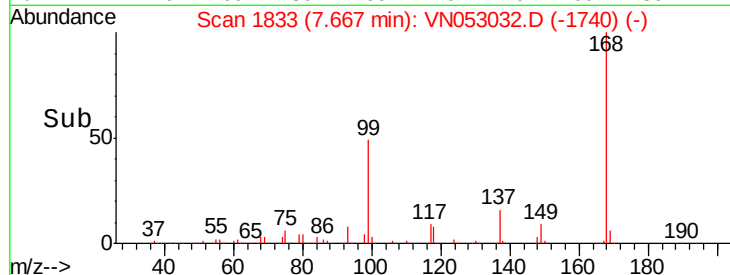
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 1.033 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053032.D

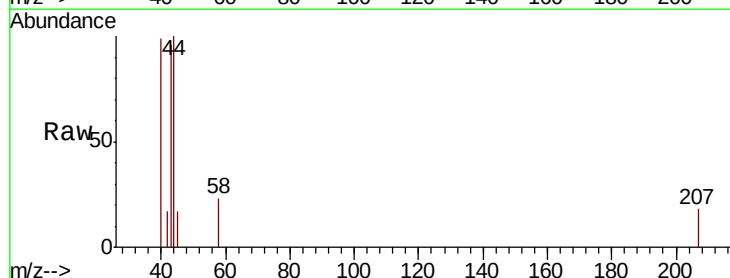
Acq: 20 Dec 2018 1:30

Tgt Ion: 43 Resp: 2873

Ion Ratio Lower Upper

43 100

58 23.9 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

1000

800

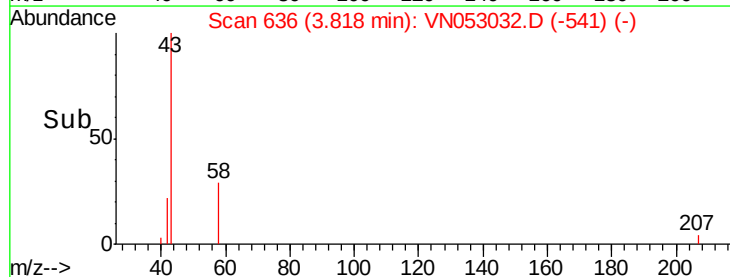
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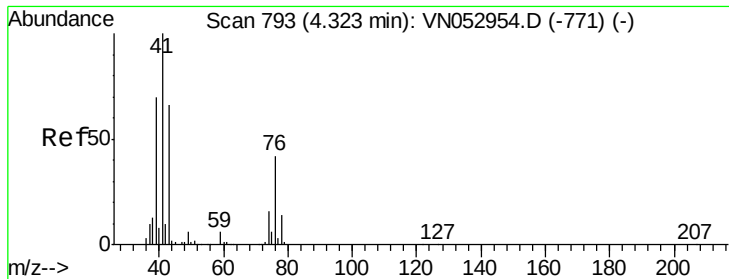
400

200

0

Time-->

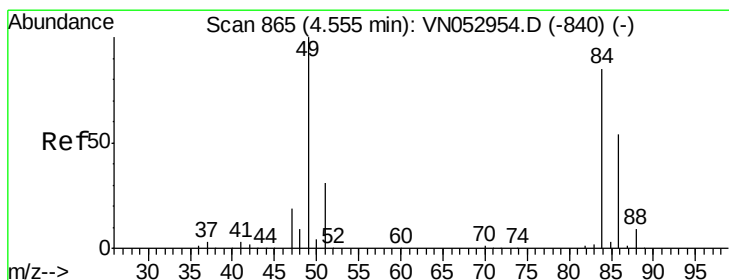
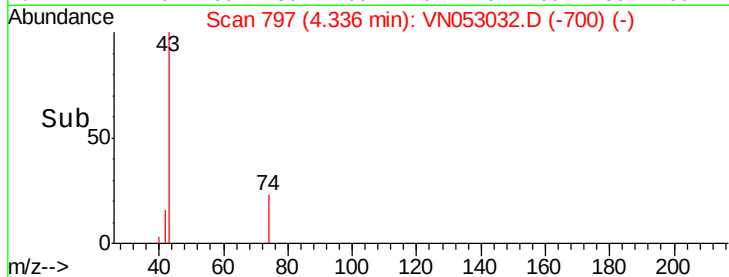
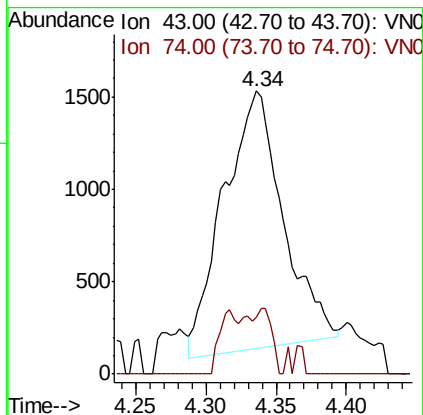
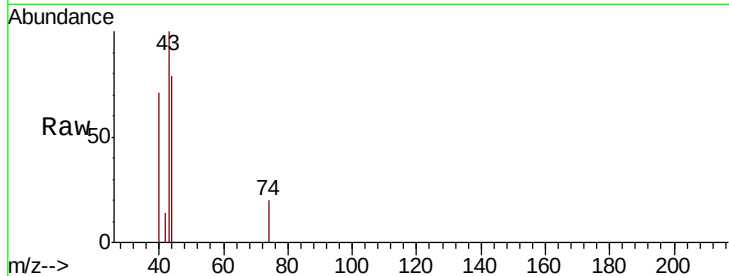




#18
Methvl Acetate
Concen: 1.310 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

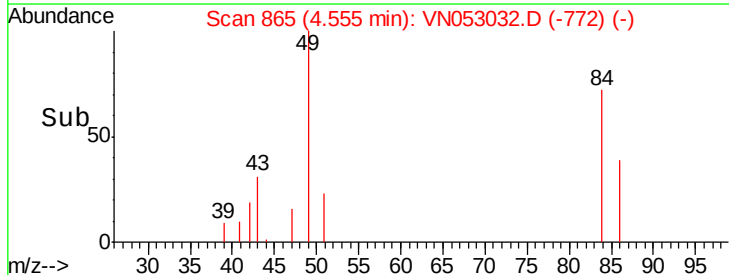
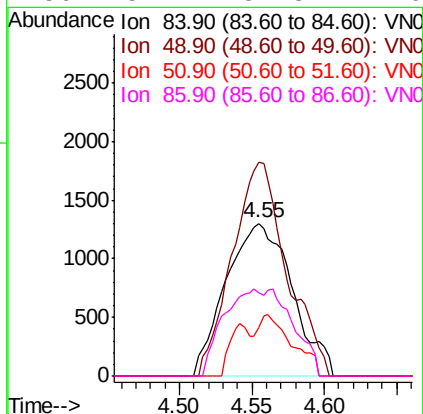
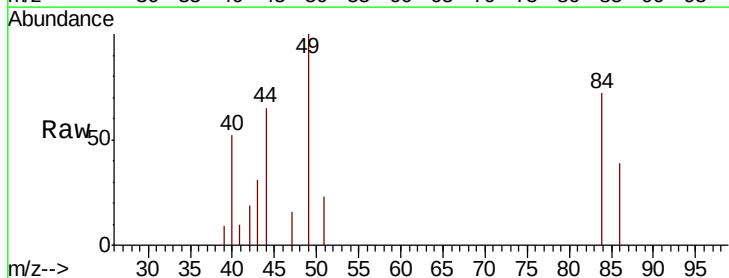
Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-2B(15-16FT)1218

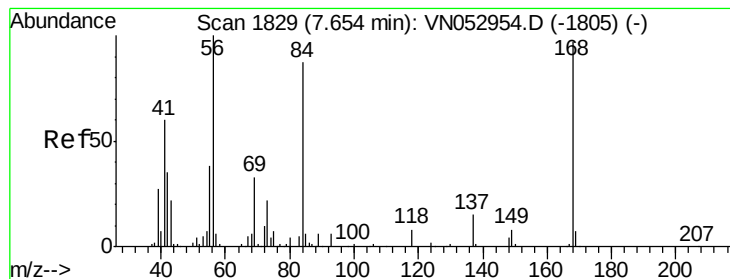
Tot Ion: 43 Resp: 4089
Ion Ratio Lower Upper
43 100
74 7.7 19.2 28.8#



#20
Methylene Chloride
Concen: 0.273 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

Tgt Ion: 84 Resp: 4140
Ion Ratio Lower Upper
84 100
49 139.7 96.8 145.2
51 32.0 29.9 44.9
86 54.4 51.8 77.6





#31

Cyclohexane

Concen: 0.360 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN053032.D

Acq: 20 Dec 2018 1:30

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-2B(15-16FT)1218

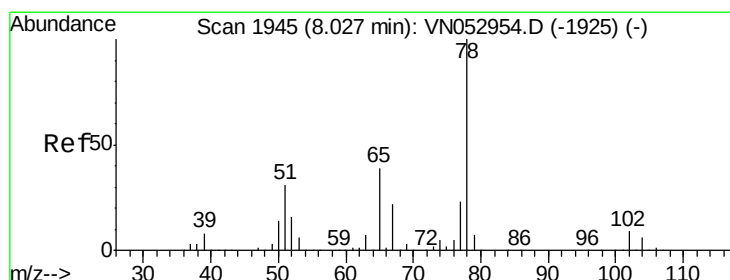
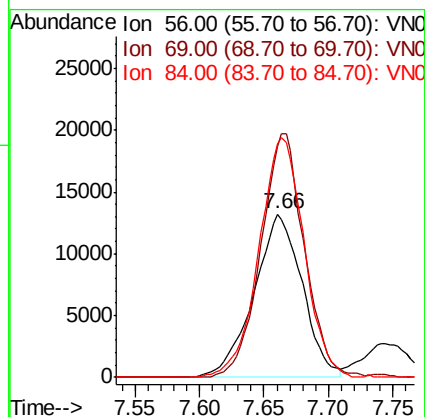
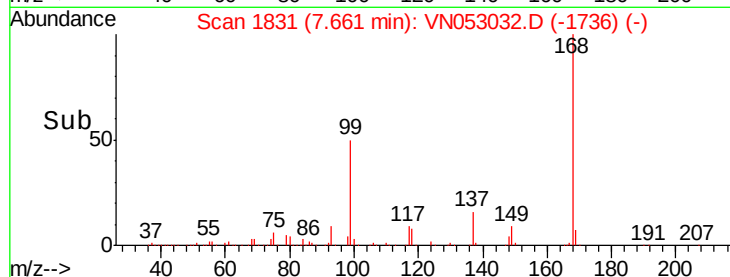
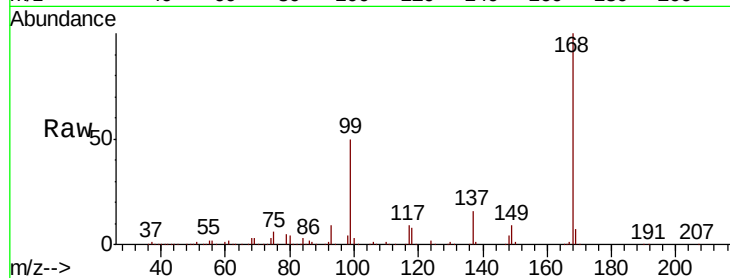
Tot Ion: 56 Resp: 34449

Ion Ratio Lower Upper

56 100

69 141.5 26.6 39.8#

84 143.2 68.4 102.6#



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053032.D

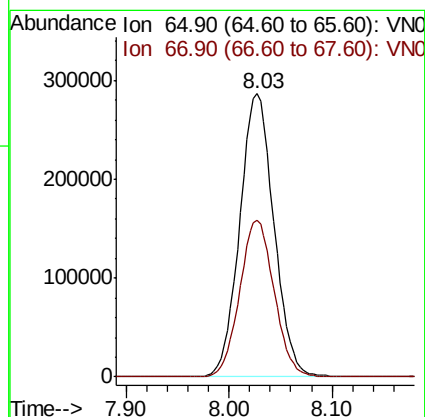
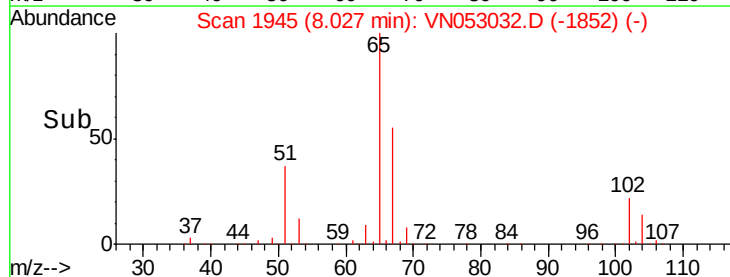
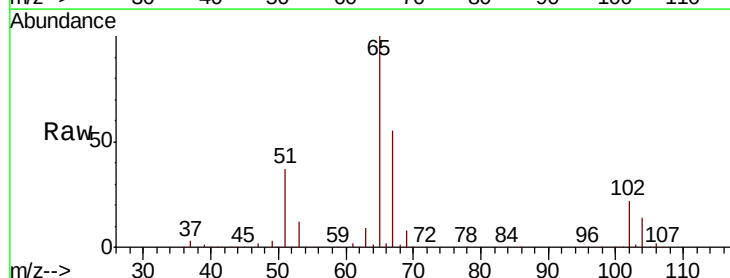
Acq: 20 Dec 2018 1:30

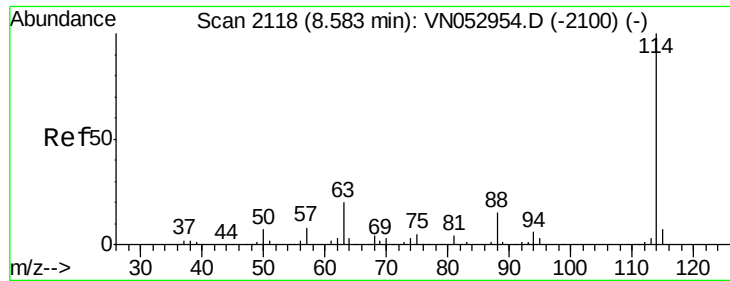
Tgt Ion: 65 Resp: 661874

Ion Ratio Lower Upper

65 100

67 55.6 0.0 110.4

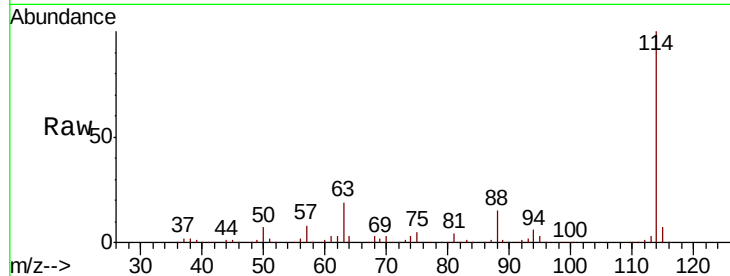




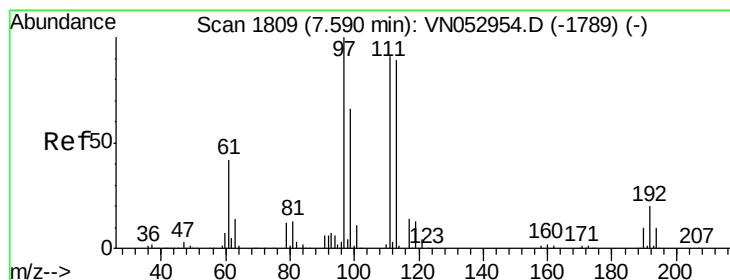
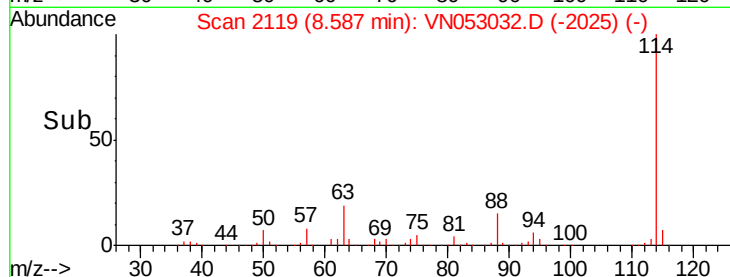
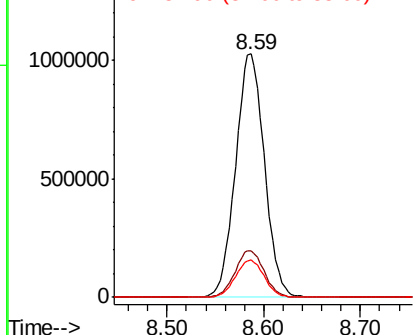
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053032.D
 Acq: 20 Dec 2018 1:30

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-2B(15-16FT)1218

Tot Ion:114 Resp: 2130094
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.8
 88 15.3 0.0 31.0

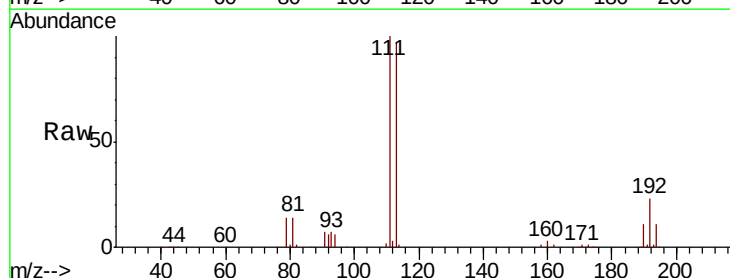


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

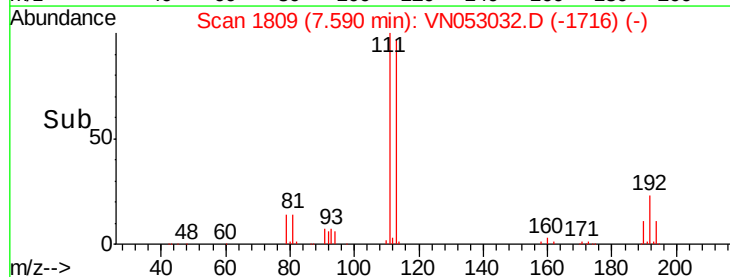
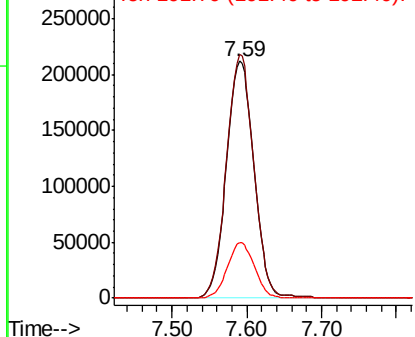


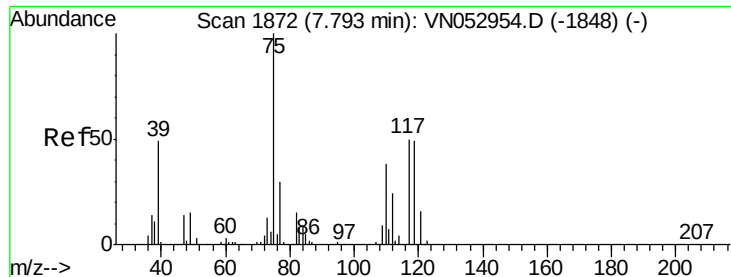
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053032.D
 Acq: 20 Dec 2018 1:30

Tgt Ion:113 Resp: 543214
 Ion Ratio Lower Upper
 113 100
 111 101.7 83.0 124.4
 192 23.0 17.5 26.3



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

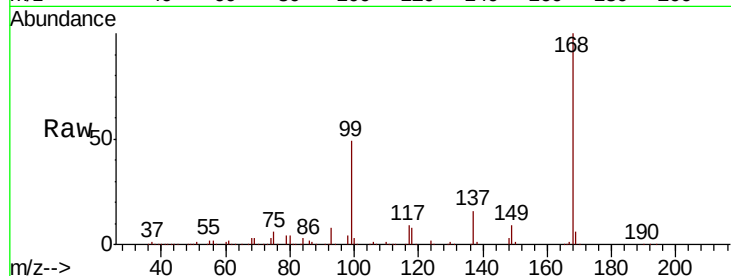




#36
 1,1-Dichloropropene
 Concen: 4.365 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053032.D
 Acq: 20 Dec 2018 1:30

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-2B(15-16FT)1218

Tot Ion	75	Resp	89241
Ion Ratio	Lower	Upper	
75	100		
110	8.3	18.2	54.6#
77	0.0	24.9	37.3#

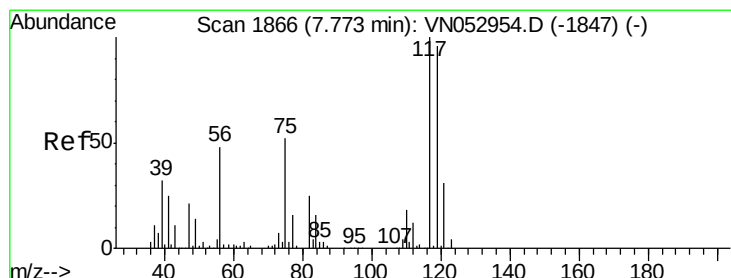
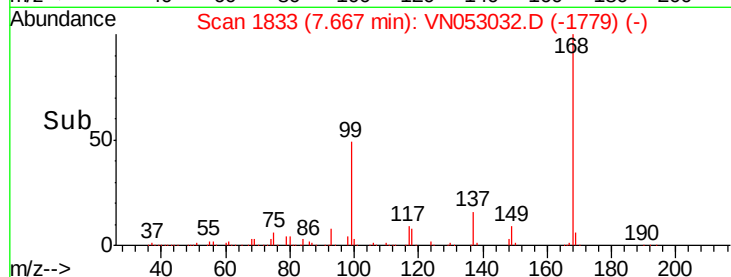
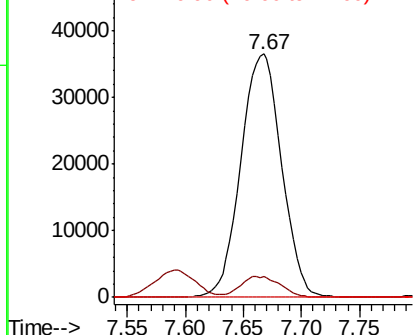


Abundance

Ion 74.90 (74.60 to 75.60): VN0

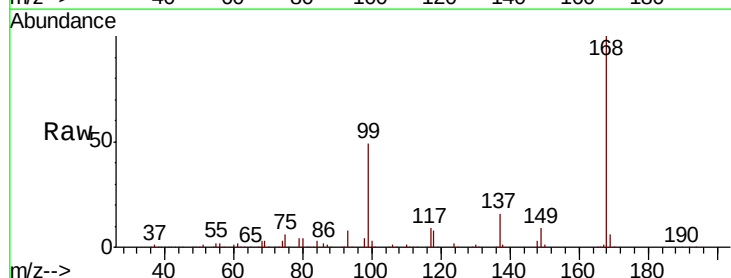
Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0



#38
 Carbon Tetrachloride
 Concen: 6.465 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN053032.D
 Acq: 20 Dec 2018 1:30

Tgt Ion	117	Resp	121146
Ion Ratio	Lower	Upper	
117	100		
119	5.7	77.1	115.7#
121	0.0	24.9	37.3#

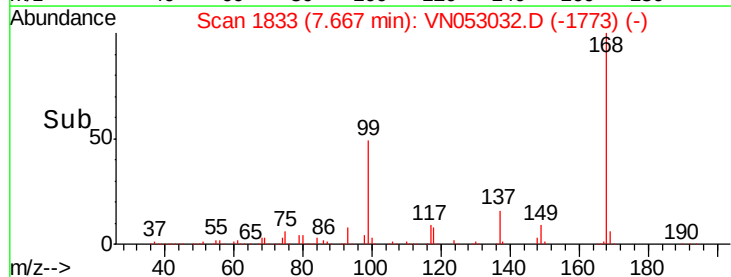
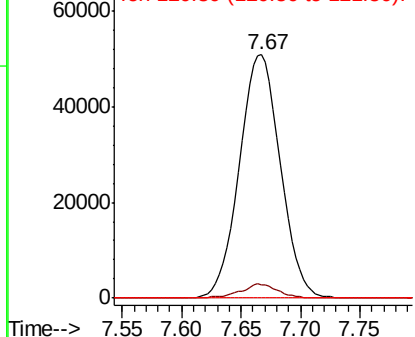


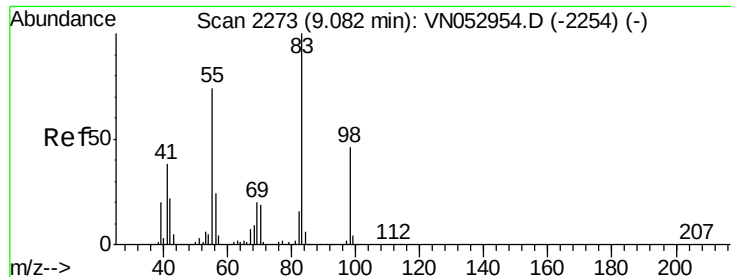
Abundance

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

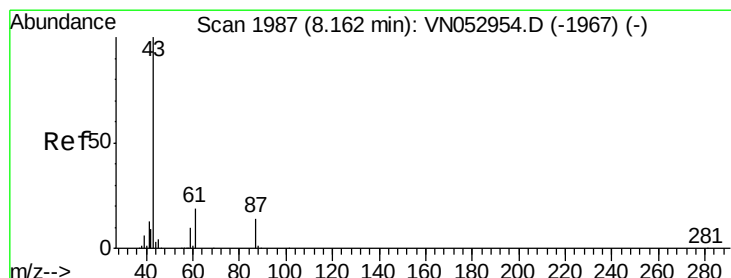
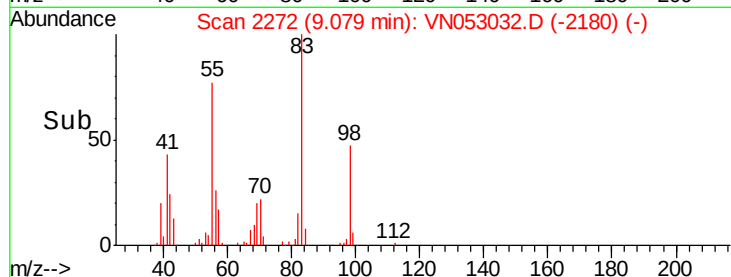
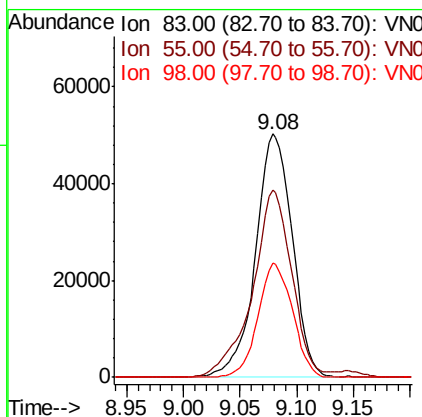
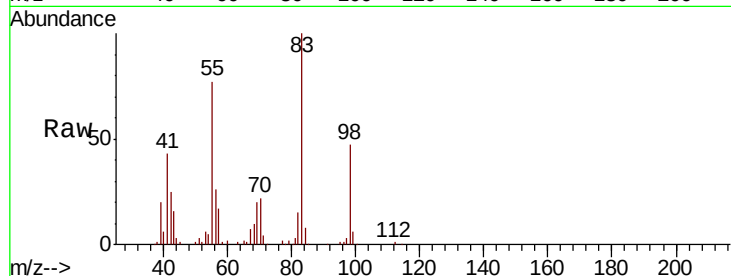




#39
Methylvlcyclohexane
Concen: 4.575 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

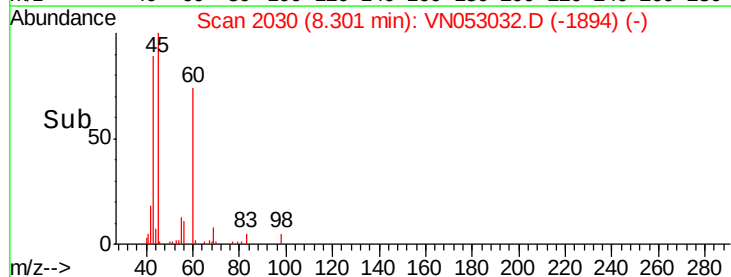
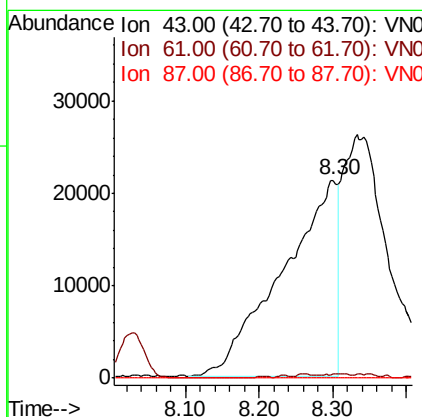
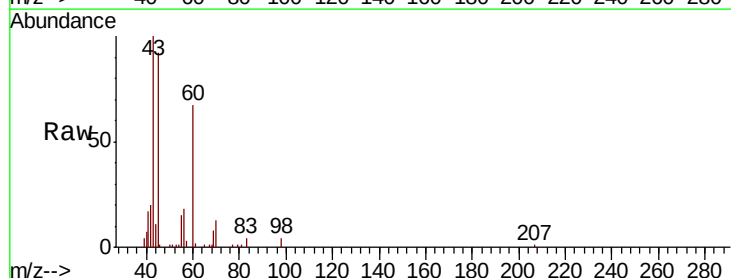
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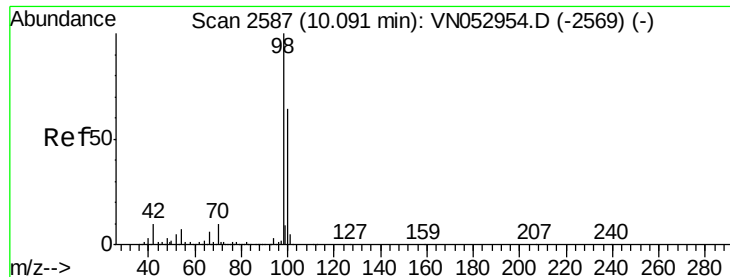
Tot Ion: 83 Resp: 113627
Ion Ratio Lower Upper
83 100
55 77.1 61.3 91.9
98 46.8 37.0 55.4



#43
Isopropyl Acetate
Concen: 4.022 ug/l
RT: 8.30 min Scan# 2030
Delta R.T. 0.14 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

Tgt Ion: 43 Resp: 110056
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: VN053032.D

Acq: 20 Dec 2018 1:30

Instrument :

MSVOA_N

ClientSampleId :

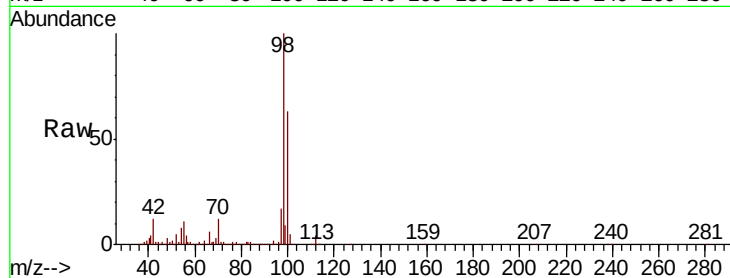
EP1-SBR-2B(15-16FT)1218

Tot Ion: 98 Resp: 2719924

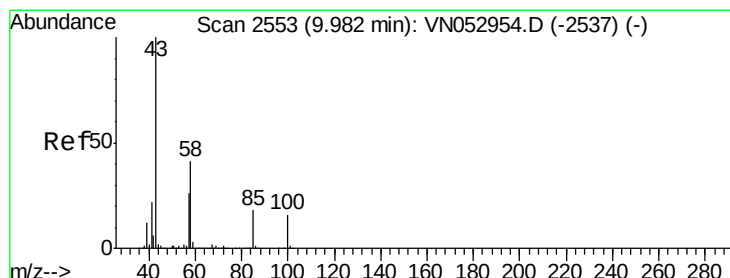
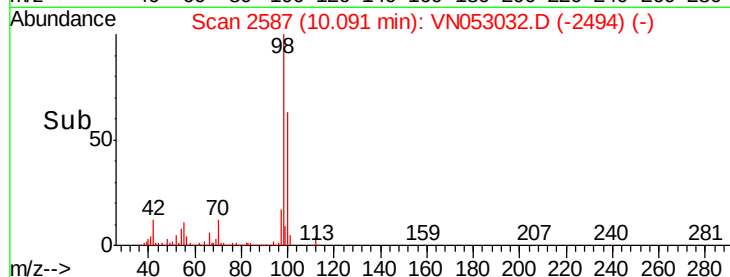
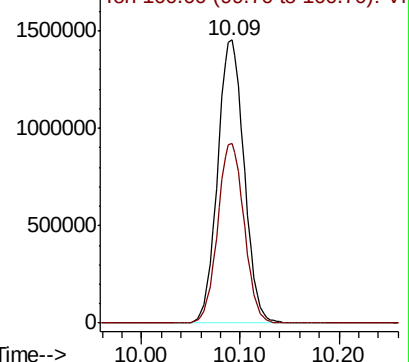
Ion Ratio Lower Upper

98 100

100 63.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052954.D (-2569) (-)



#51

4-Methyl-2-Pentanone

Concen: 3.538 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.10 min

Lab File: VN053032.D

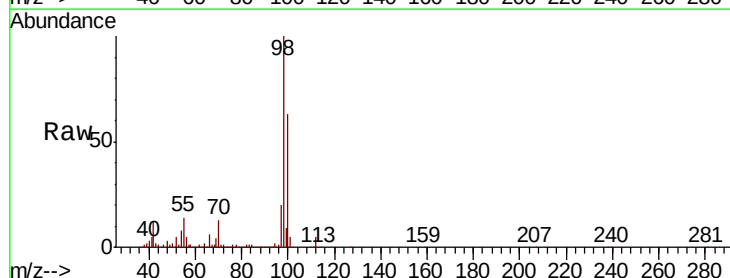
Acq: 20 Dec 2018 1:30

Tgt Ion: 43 Resp: 39103

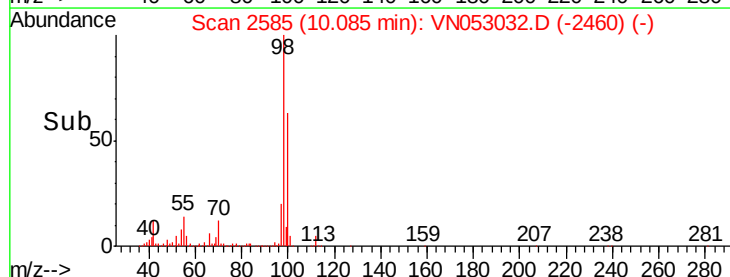
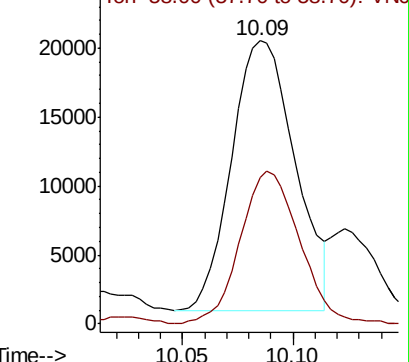
Ion Ratio Lower Upper

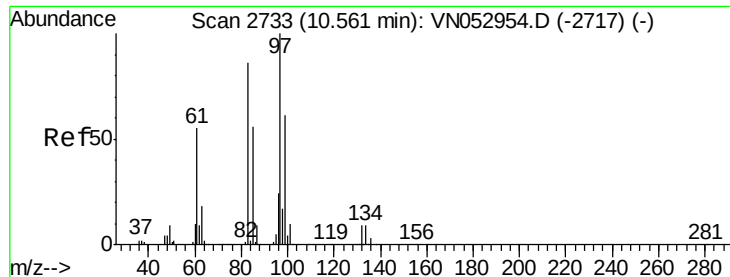
43 100

58 53.0 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-2537) (-)





#55

1,1,2-Trichloroethane

Concen: 14.738 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN053032.D

Acq: 20 Dec 2018 1:30

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-2B(15-16FT)1218

Tot Ion: 97 Resp: 193805

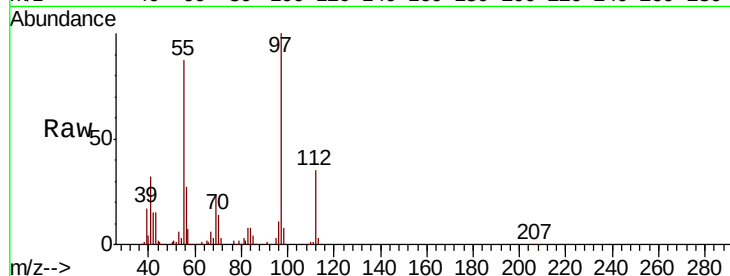
Ion Ratio Lower Upper

97 100

83 7.9 70.9 106.3#

85 4.5 45.4 68.2#

99 0.2 50.4 75.6#

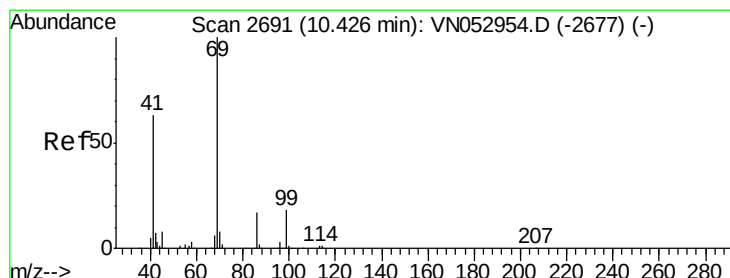
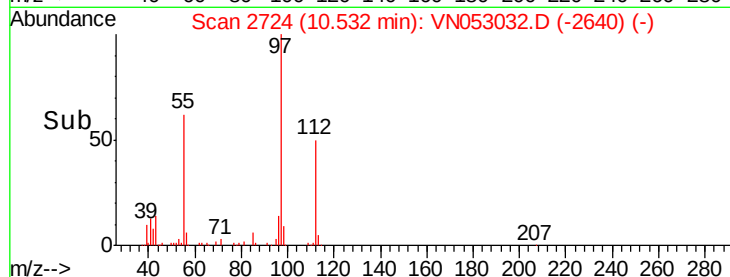
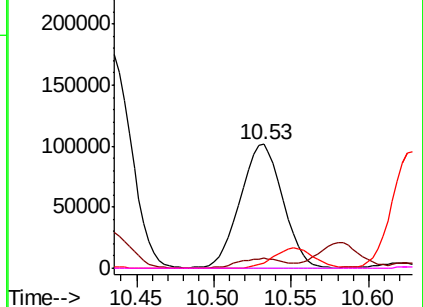


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 4.852 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.01 min

Lab File: VN053032.D

Acq: 20 Dec 2018 1:30

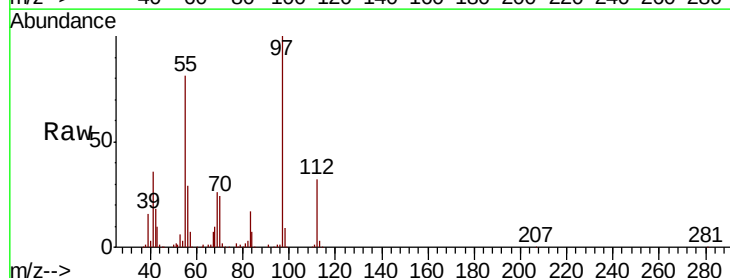
Tgt Ion: 69 Resp: 84446

Ion Ratio Lower Upper

69 100

41 141.6 51.7 77.5#

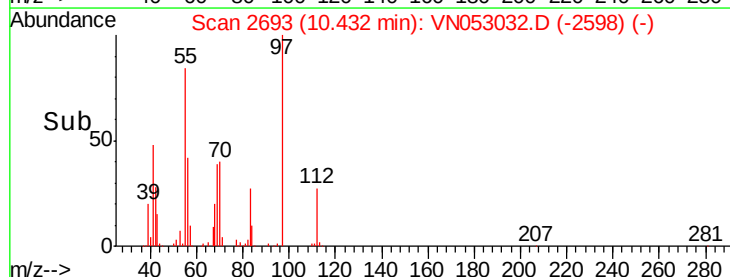
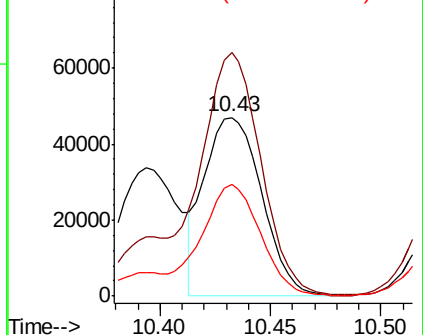
39 64.2 24.6 37.0#

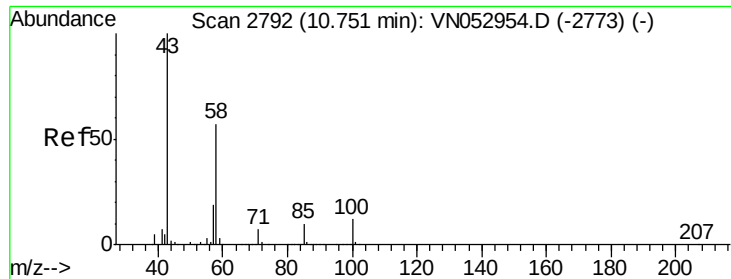


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

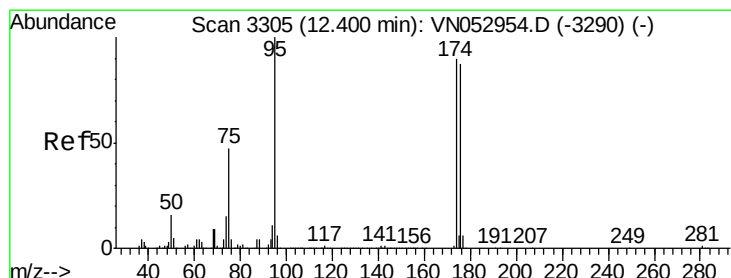
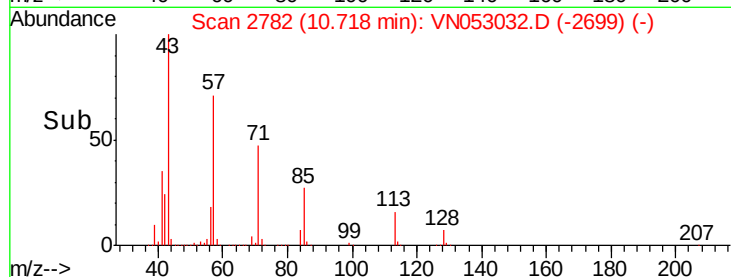
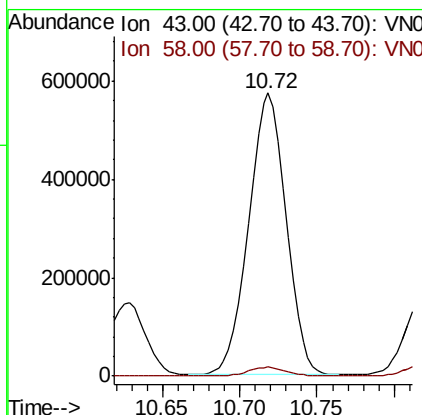
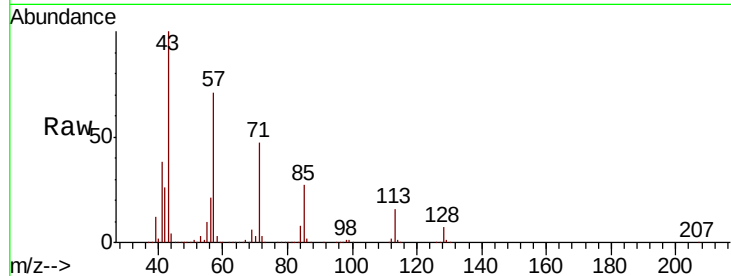




#59
2-Hexanone
Concen: 129.070 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

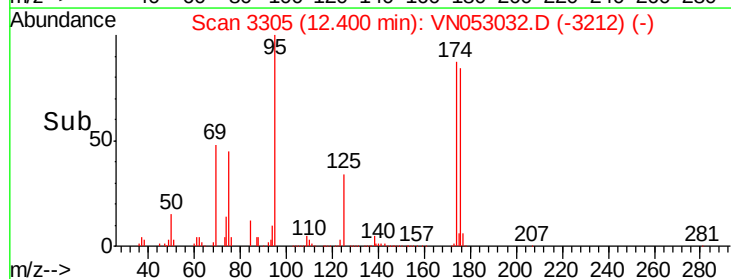
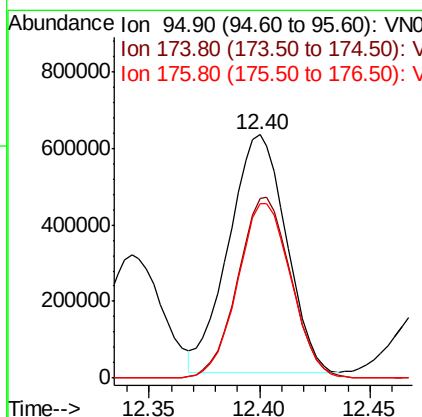
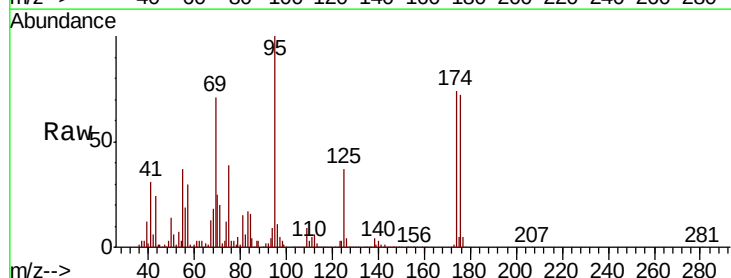
Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-2B(15-16FT)1218

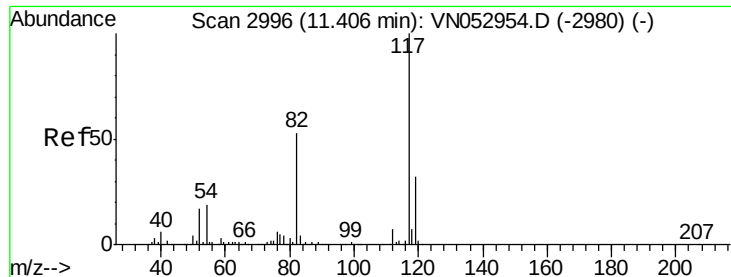
Tot Ion: 43 Resp: 965225
Ion Ratio Lower Upper
43 100
58 3.2 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

Tgt Ion: 95 Resp: 1113225
Ion Ratio Lower Upper
95 100
174 70.7 0.0 178.8
176 69.0 0.0 173.8

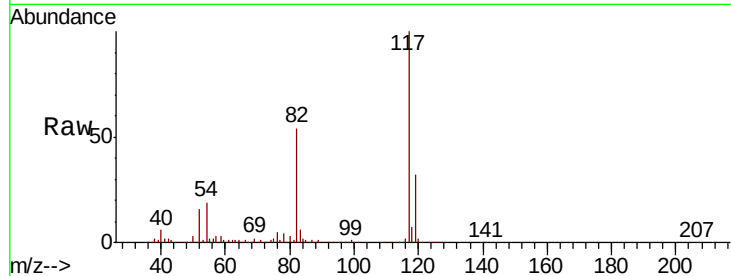




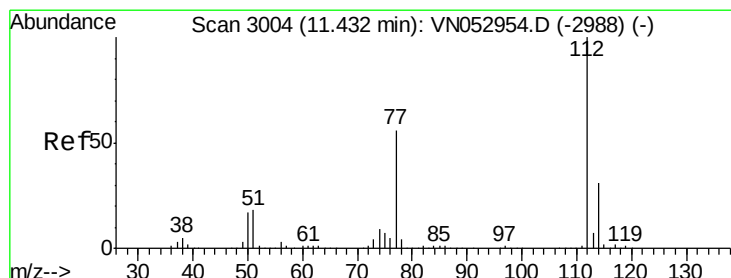
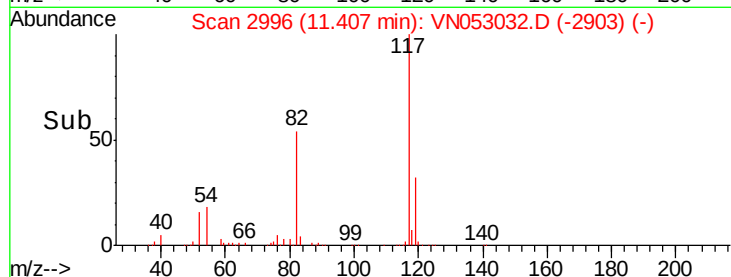
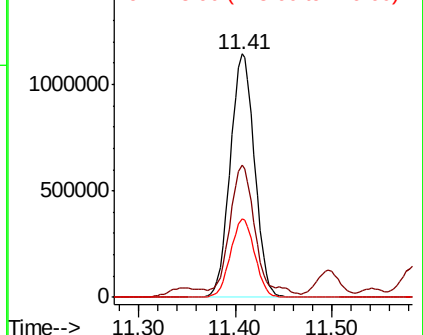
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-2B(15-16FT)1218

Tot Ion:117 Resp: 1992032
Ion Ratio Lower Upper
117 100
82 50.7 42.8 64.2
119 32.2 25.5 38.3

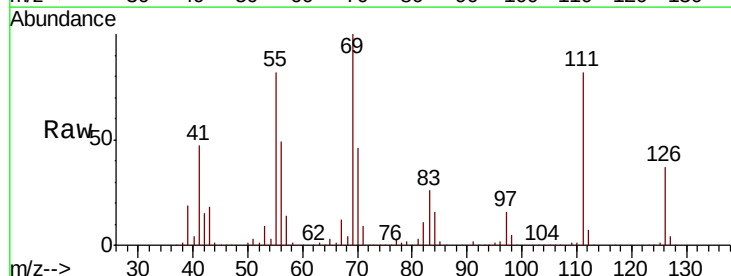


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

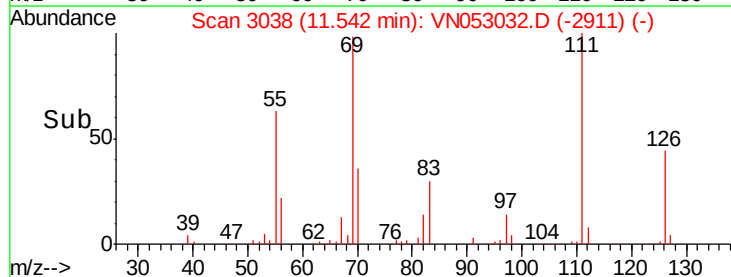
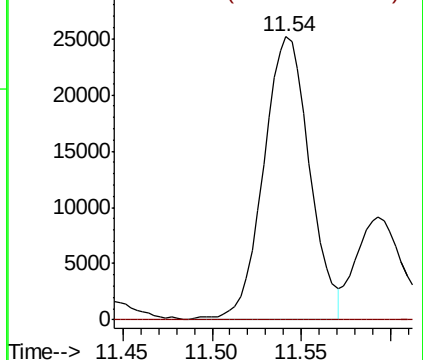


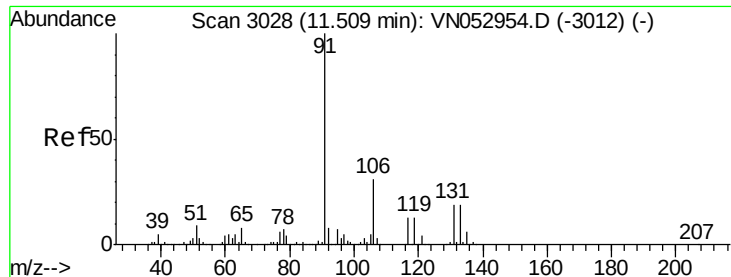
#65
Chlorobenzene
Concen: 1.025 ug/l
RT: 11.54 min Scan# 3038
Delta R.T. 0.11 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

Tgt Ion:112 Resp: 45280
Ion Ratio Lower Upper
112 100
114 0.0 25.5 38.3#



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

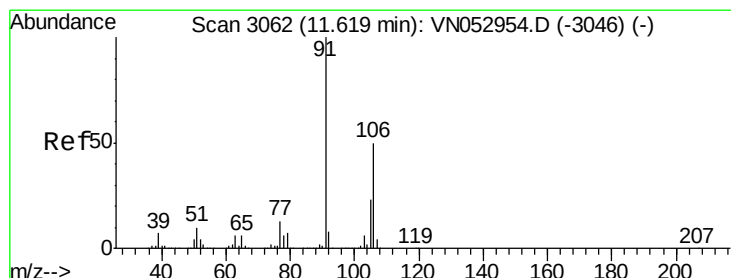
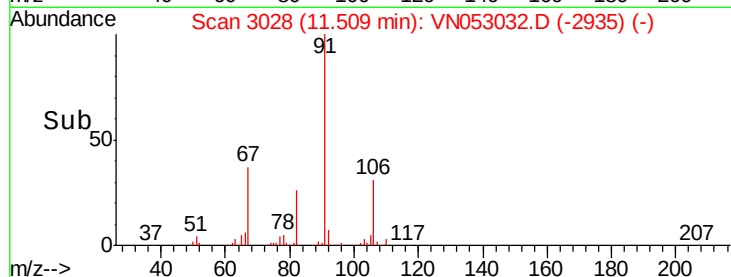
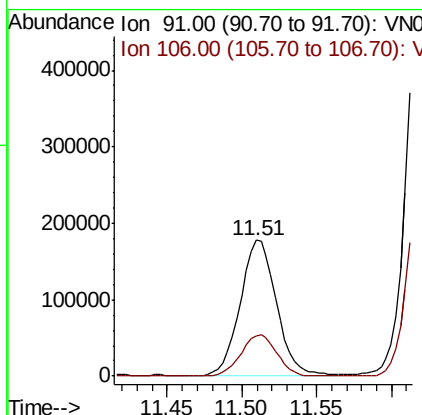
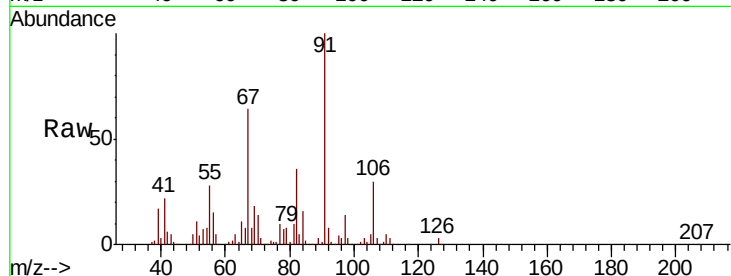




#67
Ethyl Benzene
Concen: 3.920 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

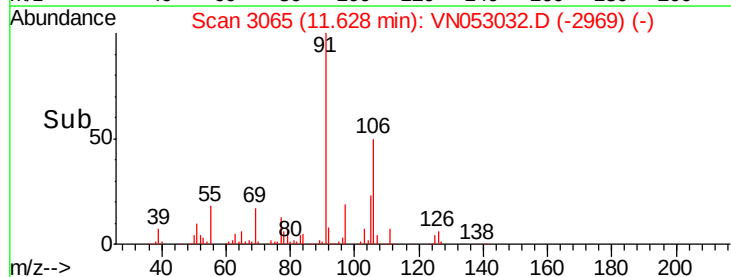
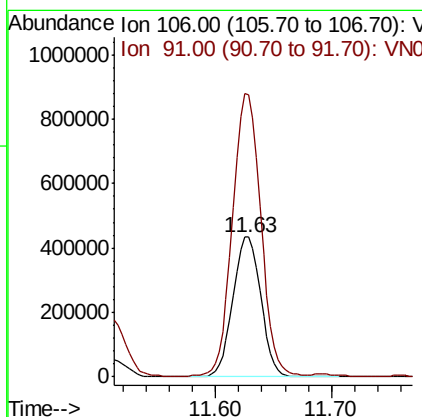
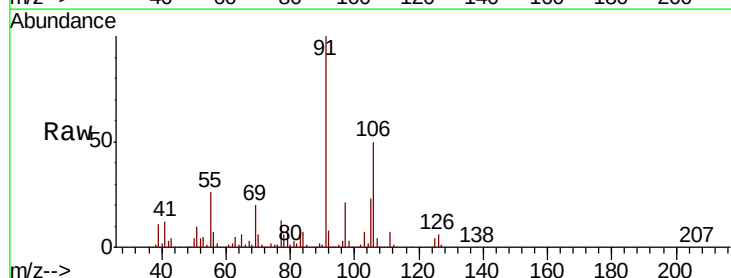
Instrument :
MSVOA_N
ClientSampled :
EP1-SBR-2B(15-16FT)1218

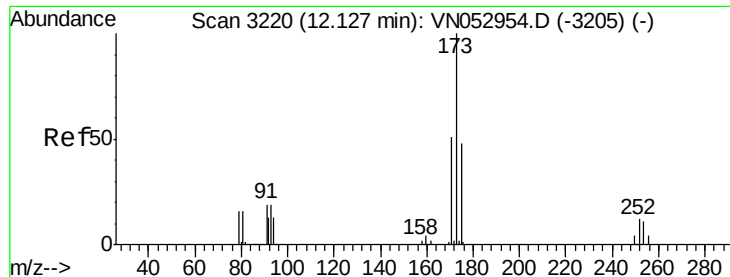
Tot Ion: 91 Resp: 297712
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3



#68
m/p-Xylenes
Concen: 25.007 ug/l
RT: 11.63 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

Tgt Ion: 106 Resp: 721919
Ion Ratio Lower Upper
106 100
91 205.7 162.2 243.4





#71

Bromoform

Concen: 0.419 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053032.D

Acq: 20 Dec 2018 1:30

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-2B(15-16FT)1218

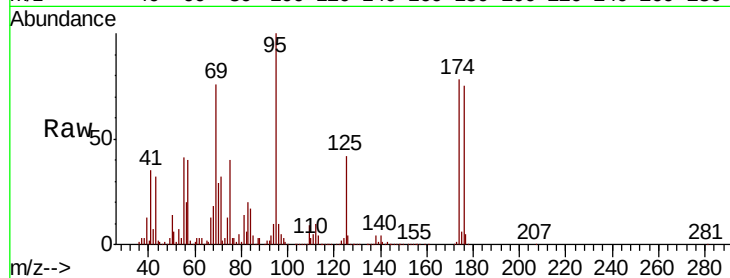
Tot Ion:173 Resp: 4647

Ion Ratio Lower Upper

173 100

175 1103.6 24.3 72.9#

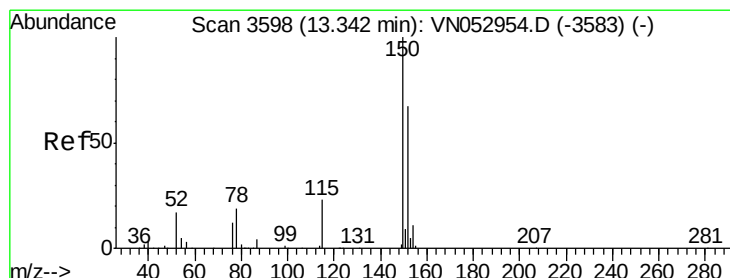
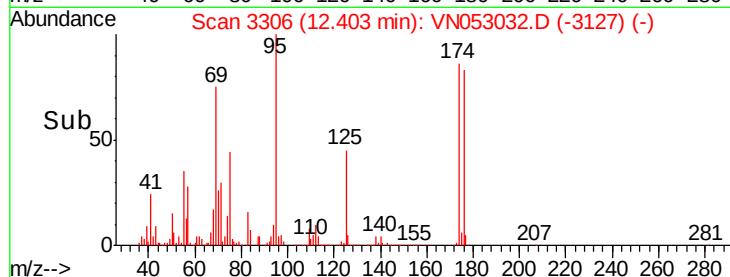
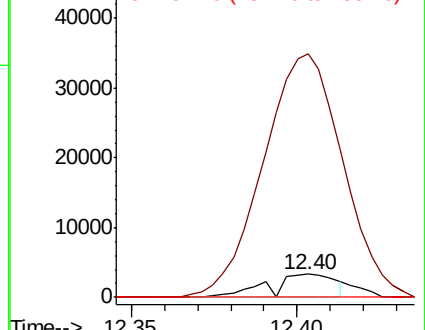
254 0.0 0.1 0.1#



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: VN053032.D

Acq: 20 Dec 2018 1:30

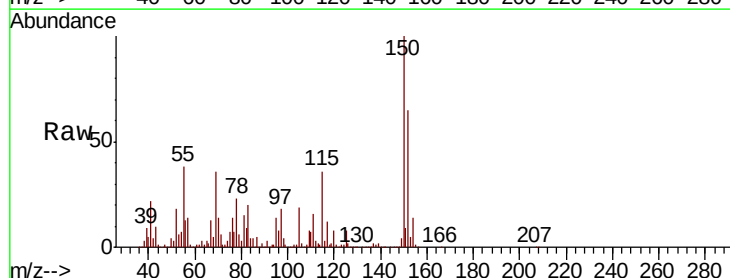
Tgt Ion:152 Resp: 867902

Ion Ratio Lower Upper

152 100

115 48.9 28.3 85.0

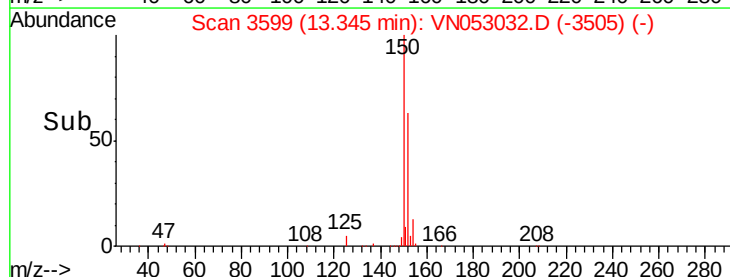
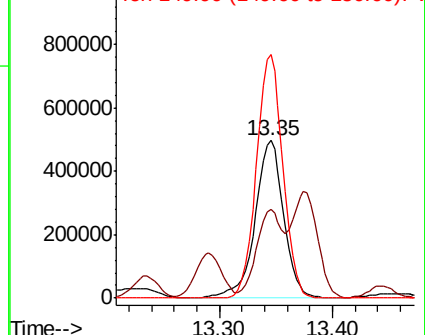
150 143.0 0.0 347.8

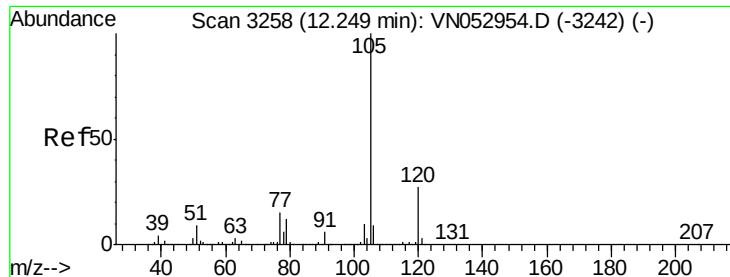


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 39.524 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053032.D

Acq: 20 Dec 2018 1:30

Instrument :

MSVOA_N

ClientSampleId :

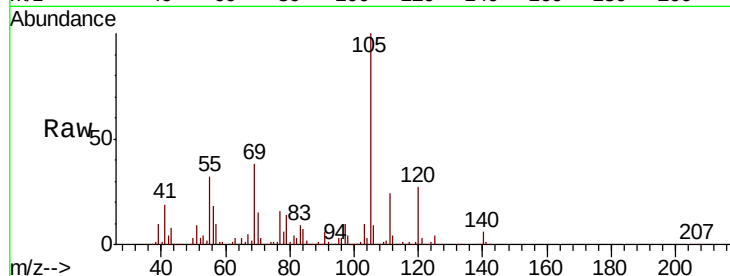
EP1-SBR-2B(15-16FT)1218

Tot Ion:105 Resp: 2683930

Ion Ratio Lower Upper

105 100

120 26.8 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

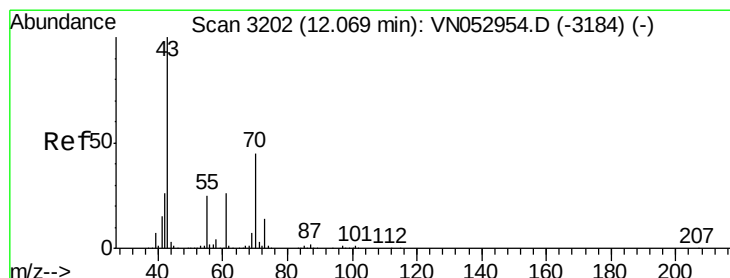
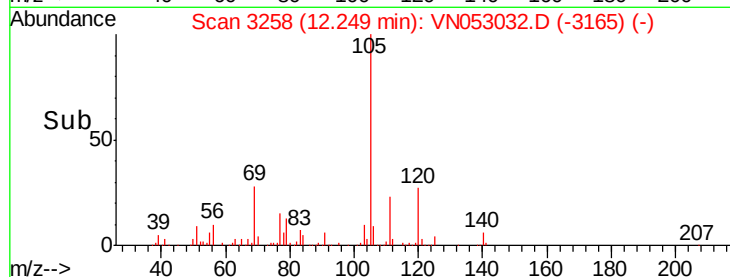
1500000

1000000

500000

0

Time--> 12.10 12.20 12.30



#74

N-ethyl acetate

Concen: 156.981 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN053032.D

Acq: 20 Dec 2018 1:30

Tgt Ion: 43 Resp: 2959581

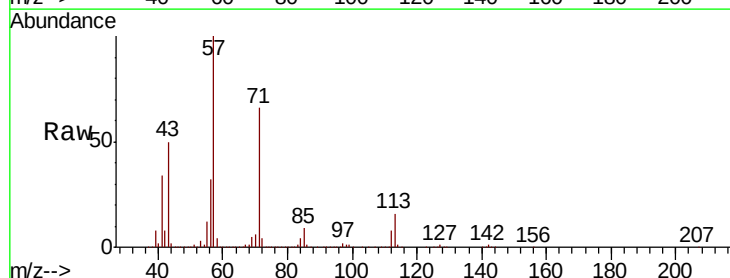
Ion Ratio Lower Upper

43 100

70 9.3 34.2 51.4#

55 19.0 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

12.05

3000000

2500000

2000000

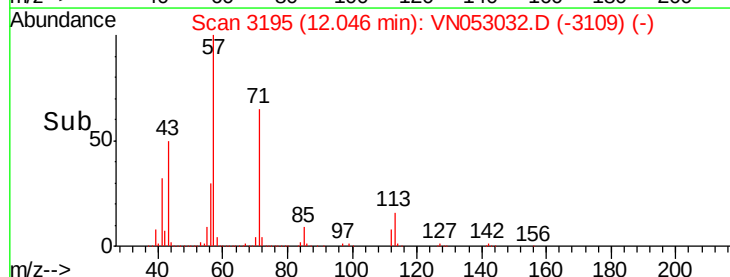
1500000

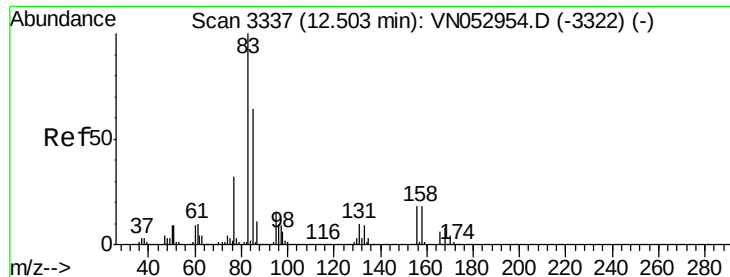
1000000

500000

0

Time--> 12.00 12.05





#75

1,1,2,2-Tetrachloroethane

Concen: 19.824 ug/l

RT: 12.47 min Scan# 3328

Delta R.T. -0.03 min

Lab File: VN053032.D

Acq: 20 Dec 2018 1:30

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-2B(15-16FT)1218

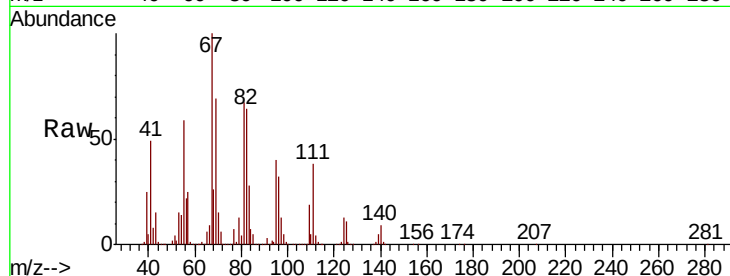
Tot Ion: 83 Resp: 264095

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

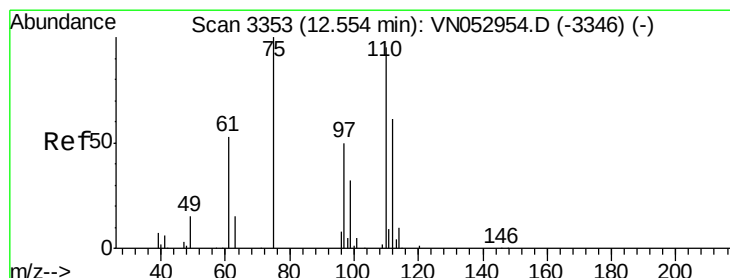
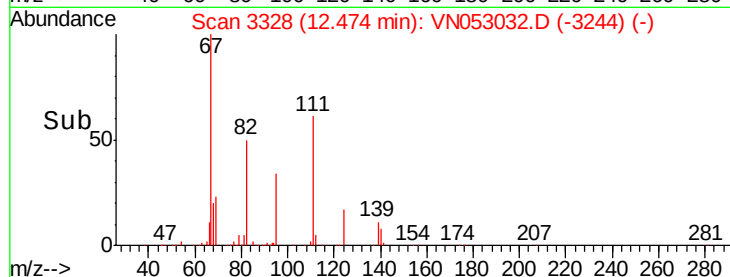
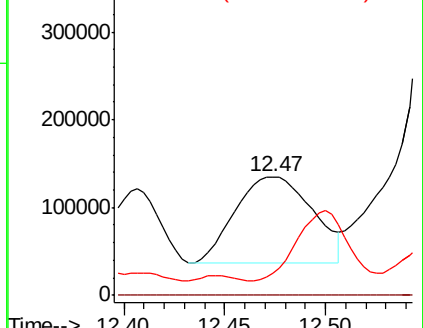
85 0.0 32.4 97.0#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 2.798 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.04 min

Lab File: VN053032.D

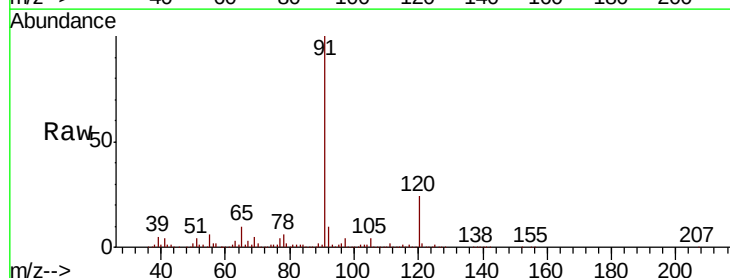
Acq: 20 Dec 2018 1:30

Tgt Ion: 75 Resp: 40885

Ion Ratio Lower Upper

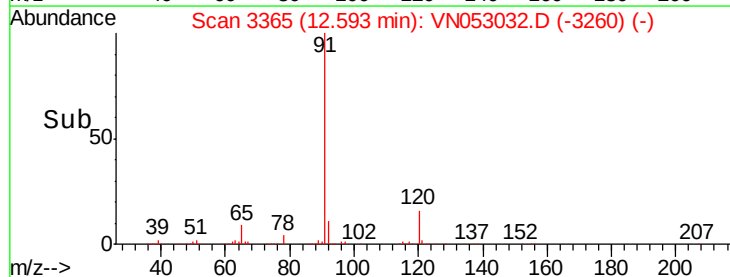
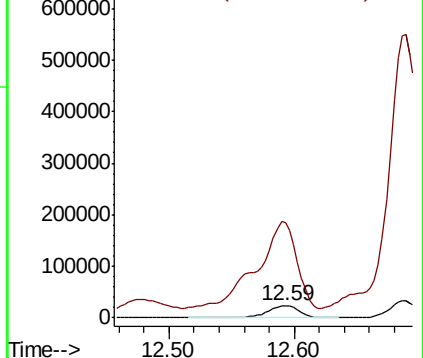
75 100

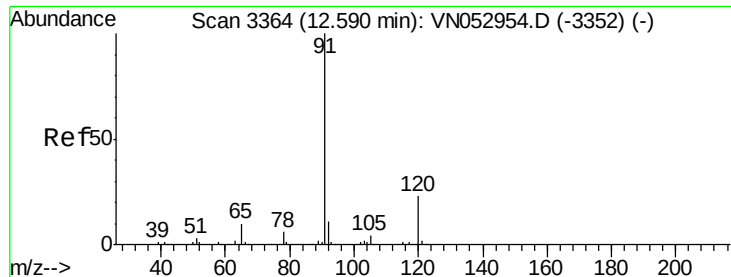
77 1000.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 96.928 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053032.D

Acq: 20 Dec 2018 1:30

Instrument :

MSVOA_N

ClientSampleId :

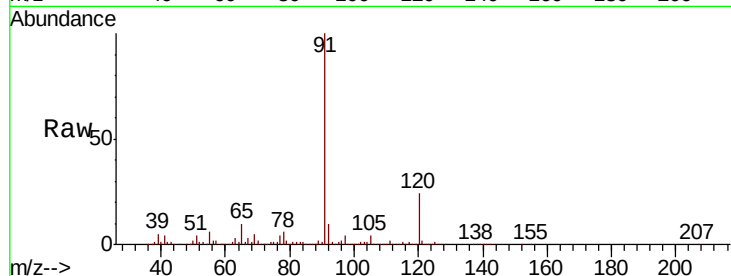
EP1-SBR-2B(15-16FT)1218

Tot Ion: 91 Resp: 7496245

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN052954.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN052954.D (-3352) (-)

12.59

5000000

4000000

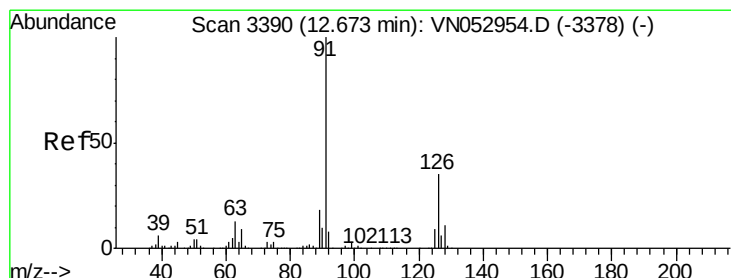
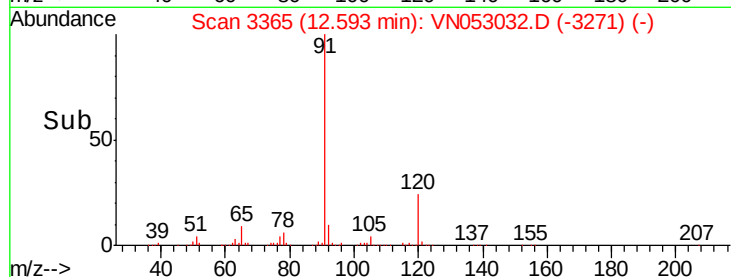
3000000

2000000

1000000

0

Time-->



#79

2-Chlorotoluene

Concen: 18.771 ug/l

RT: 12.69 min Scan# 3395

Delta R.T. 0.02 min

Lab File: VN053032.D

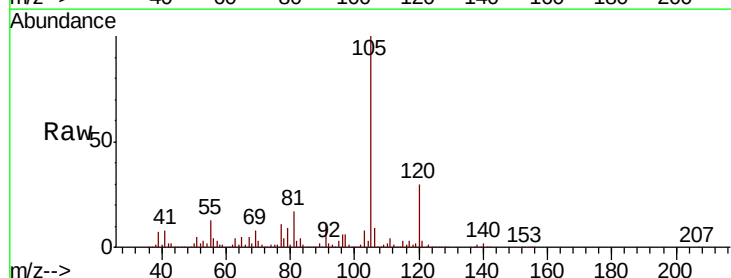
Acq: 20 Dec 2018 1:30

Tgt Ion: 91 Resp: 899863

Ion Ratio Lower Upper

91 100

126 0.0 17.4 52.3#



Abundance Ion 91.00 (90.70 to 91.70): VN052954.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN052954.D (-3378) (-)

12.69

5000000

4000000

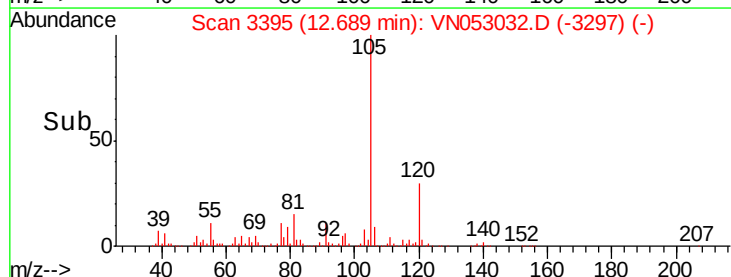
3000000

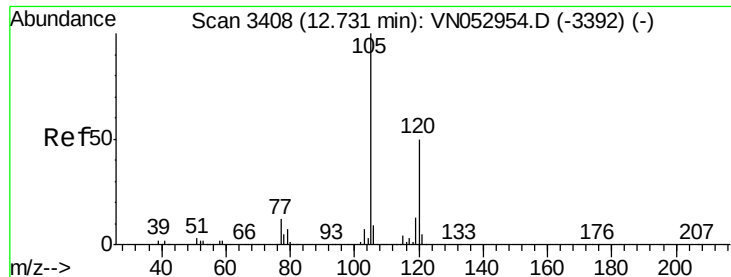
2000000

1000000

0

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 139.525 ug/l

RT: 12.69 min Scan# 3395

Delta R.T. -0.04 min

Lab File: VN053032.D

Acq: 20 Dec 2018 1:30

Instrument :

MSVOA_N

ClientSampleId :

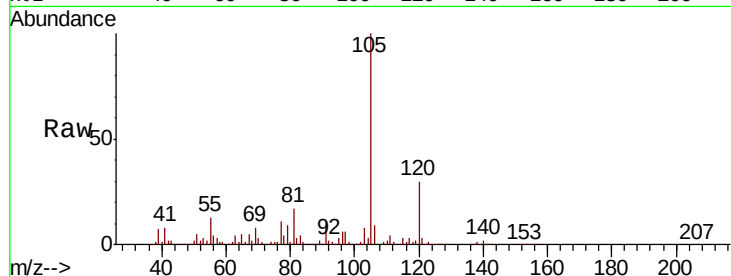
EP1-SBR-2B(15-16FT)1218

Tot Ion:105 Resp: 7722578

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

5000000

4000000

3000000

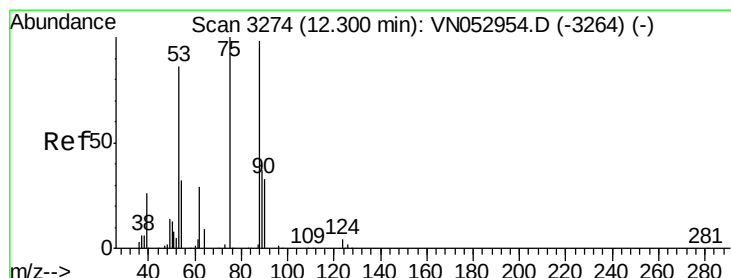
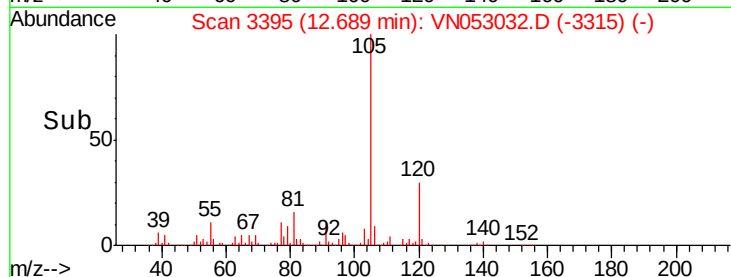
2000000

1000000

0

12.60 12.65 12.70 12.75

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 6.083 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.05 min

Lab File: VN053032.D

Acq: 20 Dec 2018 1:30

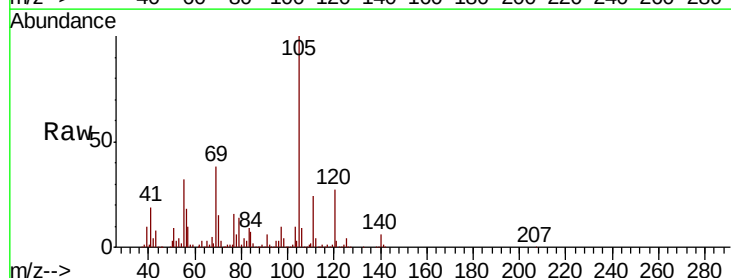
Tgt Ion: 75 Resp: 27574

Ion Ratio Lower Upper

75 100

53 194.0 74.7 112.1#

89 105.7 36.1 54.1#



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

250000

200000

150000

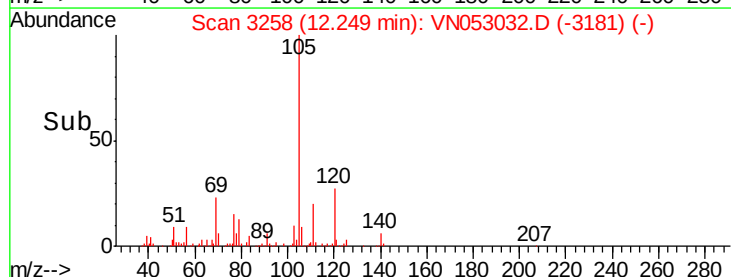
100000

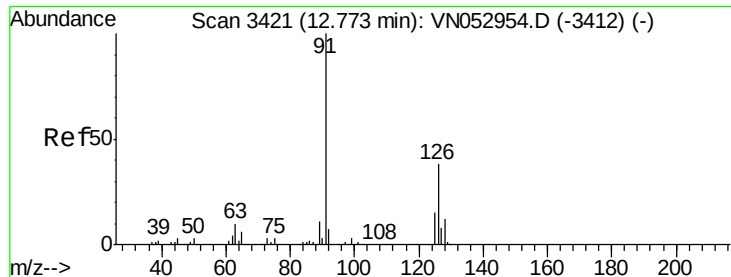
50000

0

12.20 12.25 12.30

Time-->





#82

4-Chlorotoluene

Concen: 19.186 ug/l

RT: 12.69 min Scan# 3395

Delta R.T. -0.08 min

Lab File: VN053032.D

Acq: 20 Dec 2018 1:30

Instrument :

MSVOA_N

ClientSampleId :

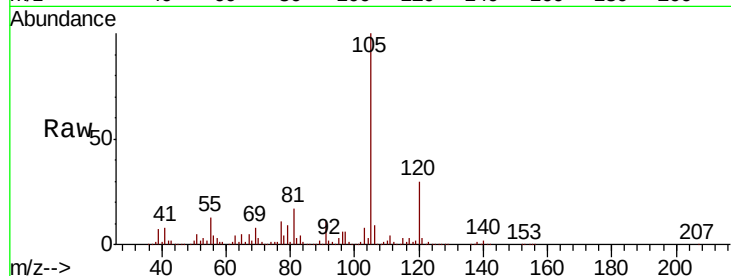
EP1-SBR-2B(15-16FT)1218

Tot Ion: 91 Resp: 900336

Ion Ratio Lower Upper

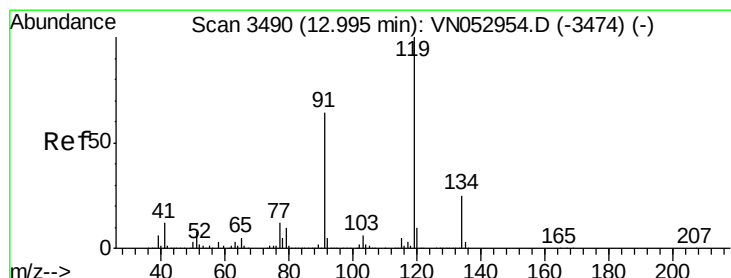
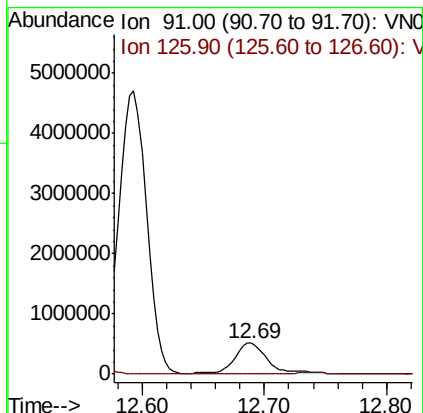
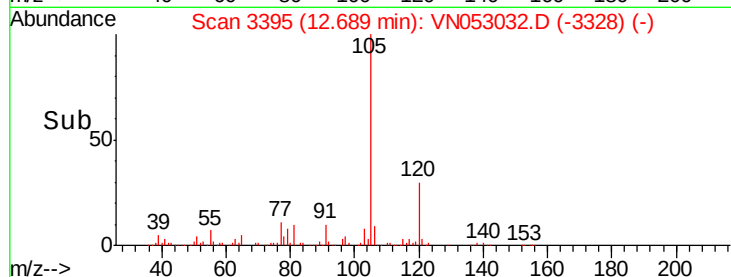
91 100

126 0.0 17.3 51.7#



Abundance Ion 91.00 (90.70 to 91.70): VN053032.D (-3328) (-)

Ion 125.90 (125.60 to 126.60): VN053032.D (-3328) (-)



#83

tert-Butylbenzene

Concen: 10.312 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN053032.D

Acq: 20 Dec 2018 1:30

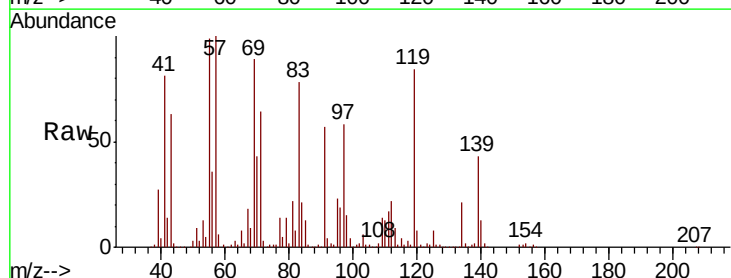
Tgt Ion: 119 Resp: 504765

Ion Ratio Lower Upper

119 100

91 69.1 31.9 95.5

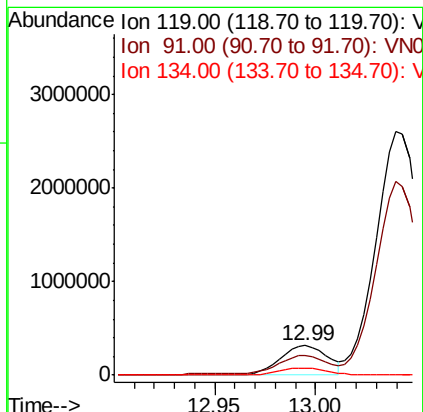
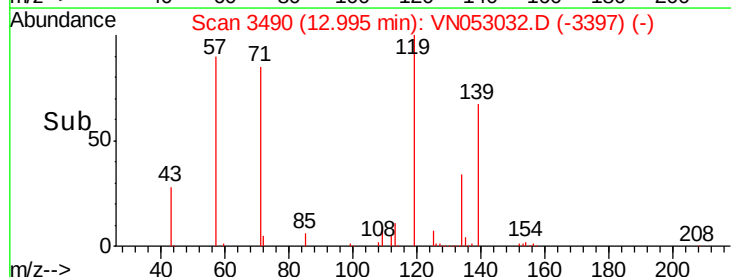
134 24.6 12.8 38.4

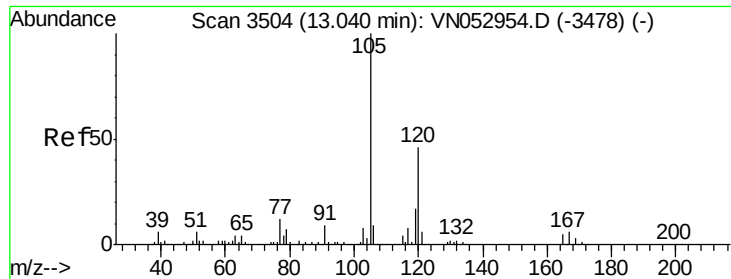


Abundance Ion 119.00 (118.70 to 119.70): VN053032.D (-3397) (-)

Ion 91.00 (90.70 to 91.70): VN053032.D (-3397) (-)

Ion 134.00 (133.70 to 134.70): VN053032.D (-3397) (-)

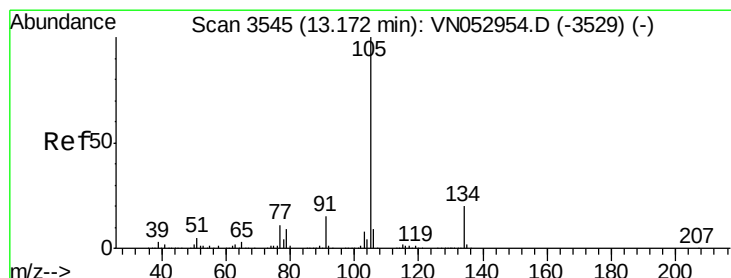
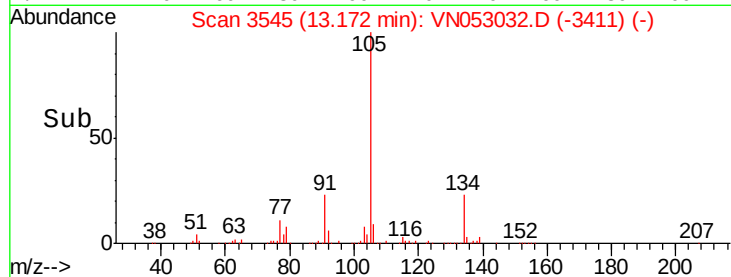
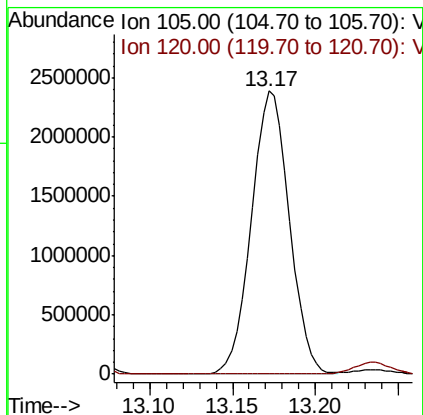
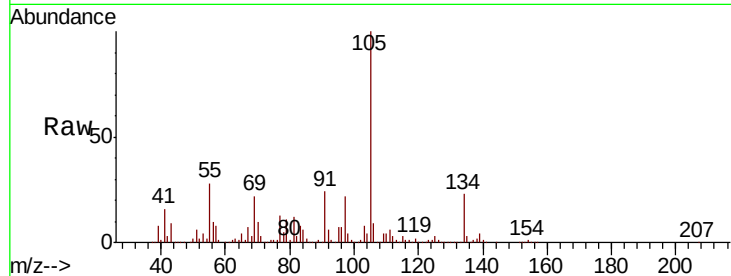




#84
 1,2,4-Trimethylbenzene
 Concen: 68.163 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.13 min
 Lab File: VN053032.D
 Acq: 20 Dec 2018 1:30

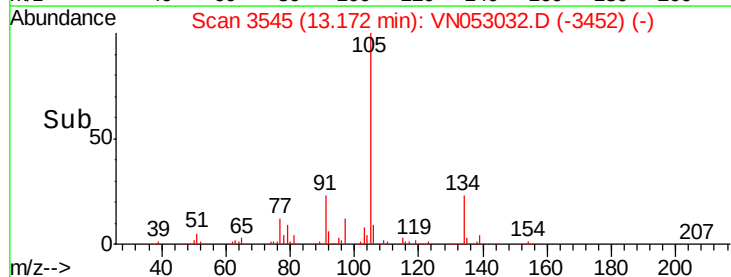
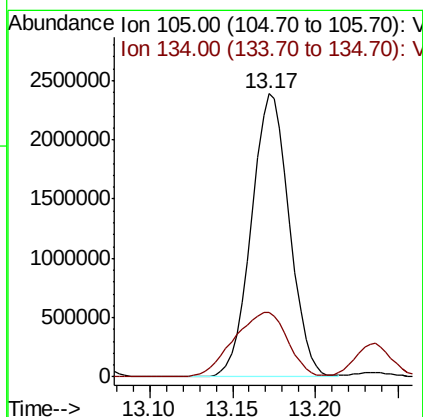
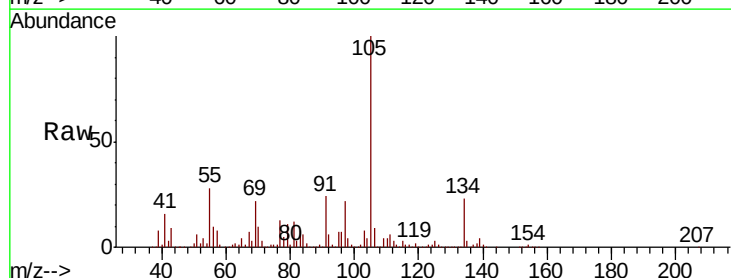
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-2B(15-16FT)1218

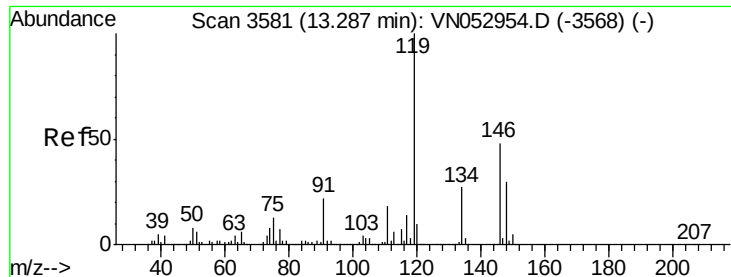
Tot Ion:105 Resp: 3792677
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.9 68.8#



#85
 sec-Butylbenzene
 Concen: 57.282 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN053032.D
 Acq: 20 Dec 2018 1:30

Tgt Ion:105 Resp: 3792677
 Ion Ratio Lower Upper
 105 100
 134 32.2 10.1 30.3#

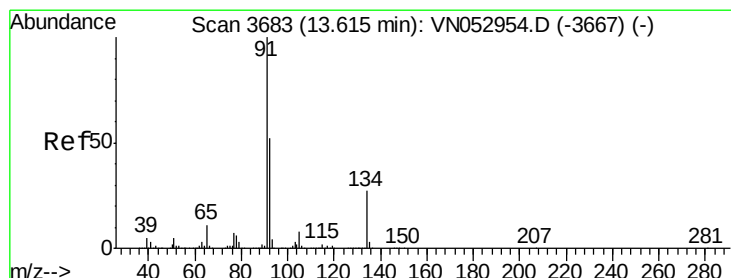
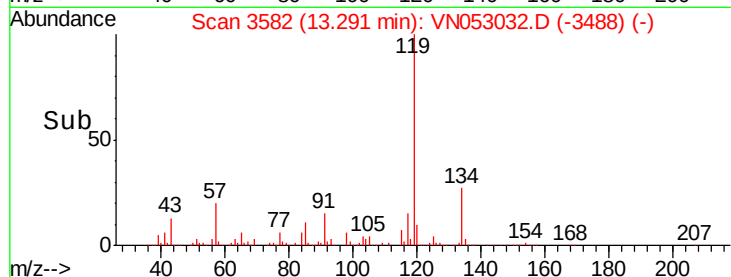
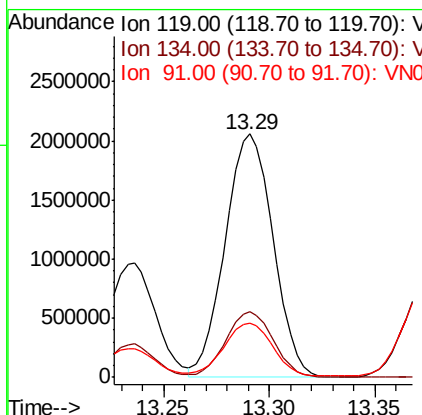
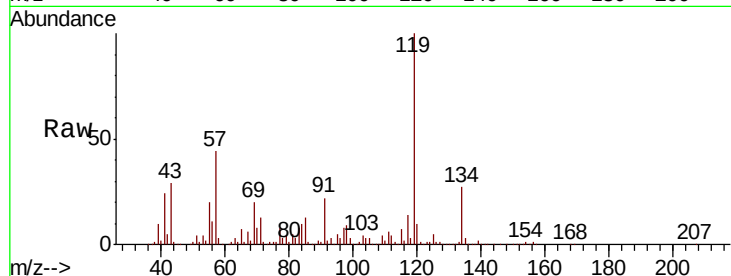




#86
p-Isopropyltoluene
Concen: 56.745 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

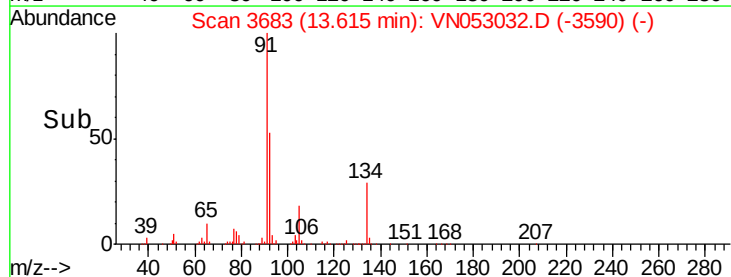
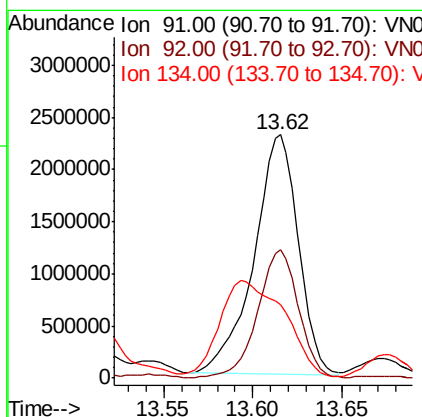
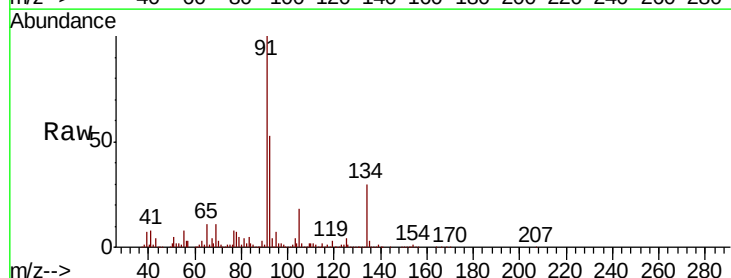
Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-2B(15-16FT)1218

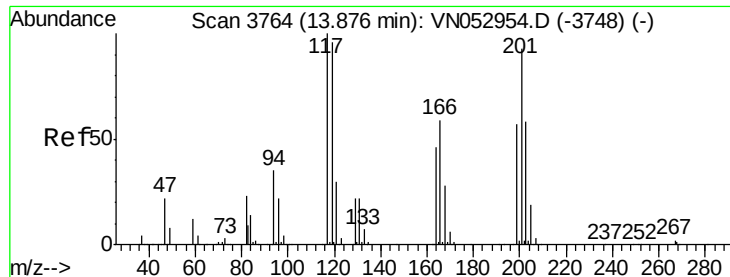
Tot Ion:119 Resp: 3246485
Ion Ratio Lower Upper
119 100
134 26.9 13.4 40.2
91 22.0 11.1 33.3



#89
n-Butylbenzene
Concen: 80.931 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

Tgt Ion: 91 Resp: 3983461
Ion Ratio Lower Upper
91 100
92 48.7 26.3 78.9
134 0.0 13.3 39.8#





#90

Hexachloroethane

Concen: 51.296 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053032.D

Acq: 20 Dec 2018 1:30

Instrument :

MSVOA_N

ClientSampleId :

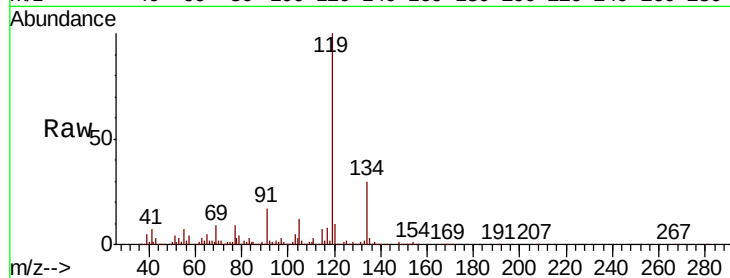
EP1-SBR-2B(15-16FT)1218

Tot Ion:117 Resp: 450360

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

600000

500000

400000

300000

200000

100000

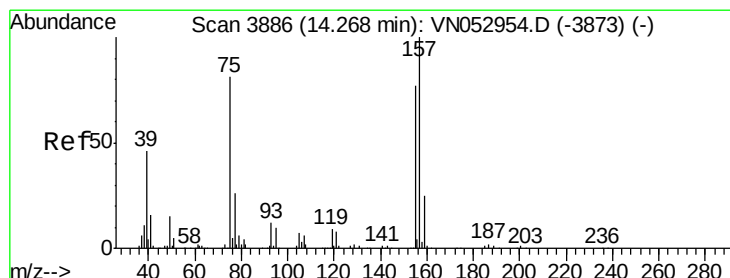
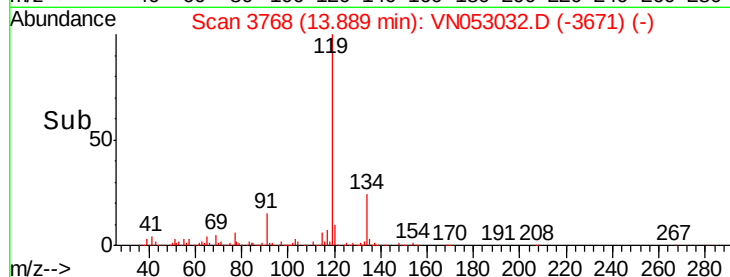
0

13.85

13.90

13.89

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.259 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN053032.D

Acq: 20 Dec 2018 1:30

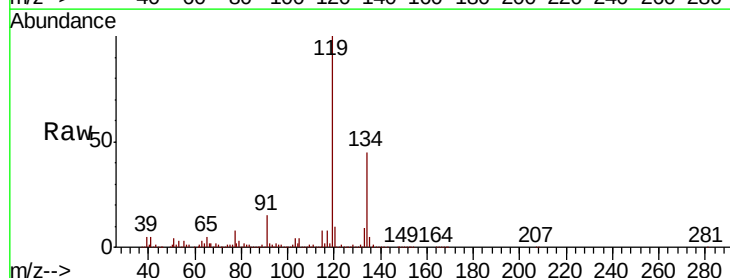
Tgt Ion: 75 Resp: 21329

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

20000

15000

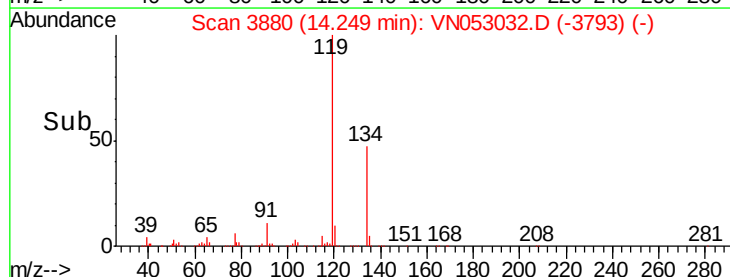
10000

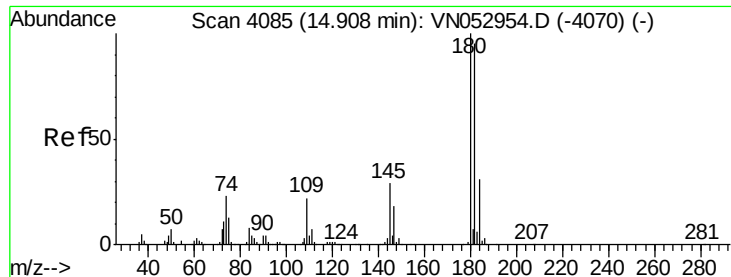
5000

0

14.25

Time-->





#93

1,2,4-Trichlorobenzene

Concen: 0.691 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN053032.D

Acq: 20 Dec 2018 1:30

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-2B(15-16FT)1218

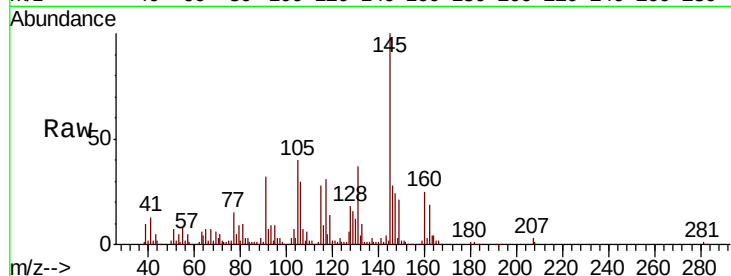
Tot Ion:180 Resp: 1504

Ion Ratio Lower Upper

180 100

182 81.7 47.8 143.3

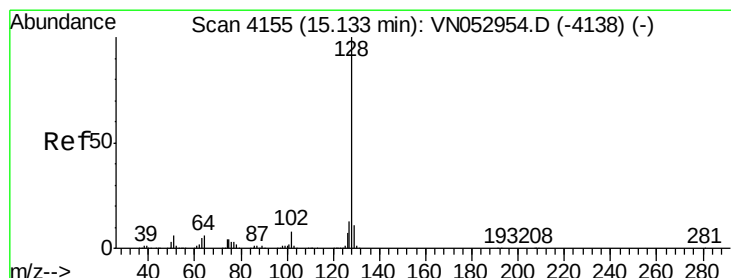
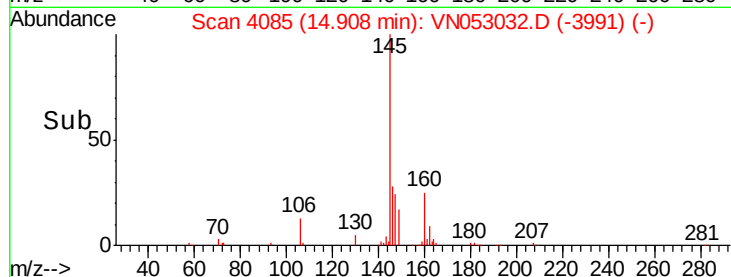
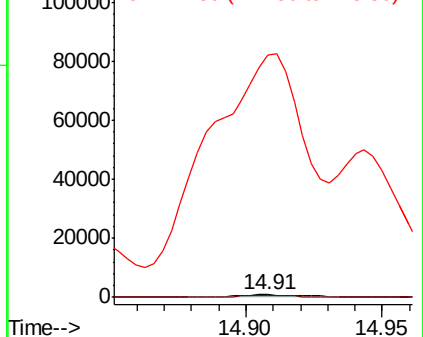
145 11566.2 14.2 42.6#



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



#95

Naphthalene

Concen: 6.331 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053032.D

Acq: 20 Dec 2018 1:30

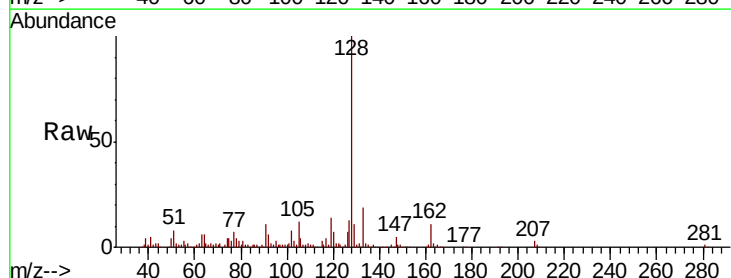
Tgt Ion:128 Resp: 181060

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

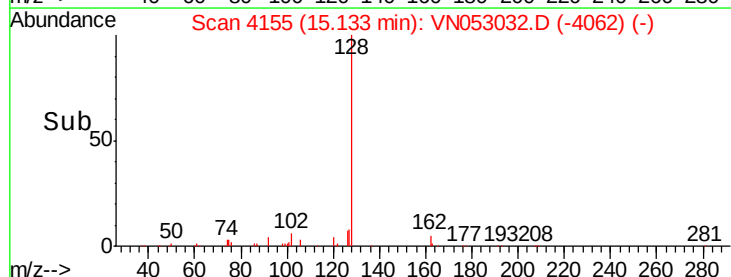
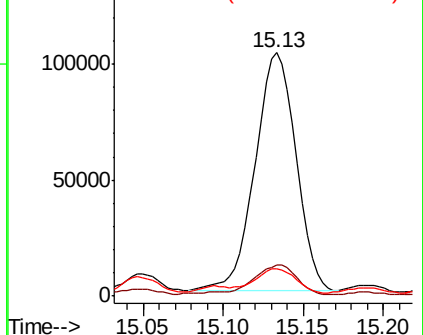
129 10.0 8.6 13.0

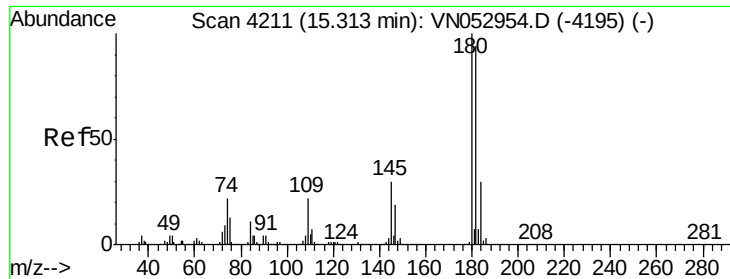


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

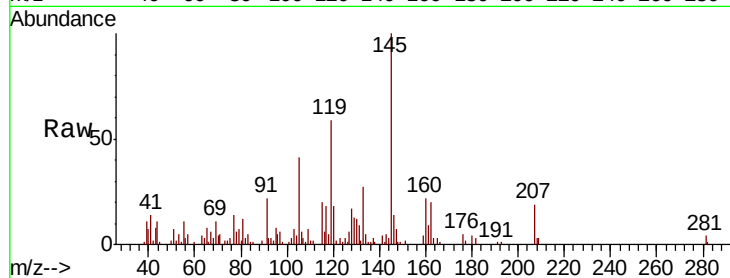




#96
 1,2,3-Trichlorobenzene
 Concen: 0.535 ug/l
 RT: 15.32 min Scan# 4213
 Delta R.T. 0.01 min
 Lab File: VN053032.D
 Acq: 20 Dec 2018 1:30

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-2B(15-16FT)1218

Tot Ion	Ratio	Lower	Upper
180	100		
182	202.1	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

