

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
 Data File : VN053054.D
 Acq On : 20 Dec 2018 14:07
 Operator : MD\SY
 Sample : J6411-13DL 100X
 Misc : 5.24g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 28

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

Quant Time: Dec 21 00:16:55 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	1393280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2099216	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1904962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	777367	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	665533	47.07	ug/l	0.00
Spiked Amount			Recovery	=	94.14%	
35) Dibromofluoromethane	7.59	113	541379	56.46	ug/l	0.00
Spiked Amount			Recovery	=	112.92%	
50) Toluene-d8	10.09	98	2584273	50.20	ug/l	0.00
Spiked Amount			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.40	95	884742	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	2859	1.031	ug/l #	78
18) Methyl Acetate	4.33	43	1086	1.077	ug/l	99
31) Cyclohexane	7.66	56	22890	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	90003	4.467	ug/l #	48
38) Carbon Tetrachloride	7.67	117	119929	6.494	ug/l #	16
39) Methylcyclohexane	9.08	83	11329	0.463	ug/l	95
43) Isopropyl Acetate	8.34	43	170233	6.921	ug/l #	53
51) 4-Methyl-2-Pentanone	10.09	43	13025	1.196	ug/l #	1
55) 1,1,2-Trichloroethane	10.53	97	16836	1.299	ug/l #	19
56) Ethyl methacrylate	10.43	69	7452	0.434	ug/l #	18
59) 2-Hexanone	10.72	43	92515	12.553	ug/l #	27
67) Ethyl Benzene	11.51	91	25559	0.352	ug/l	99
68) m/p-Xylenes	11.63	106	69935	2.533	ug/l	100
71) Bromoform	12.40	173	5049	0.476	ug/l #	1
73) Isopropylbenzene	12.25	105	286342	4.708	ug/l	99
74) N-amyl acetate	12.04	43	480344	28.446	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.48	83	29843	2.501	ug/l #	65
76) 1,2,3-Trichloropropane	12.40	75	397257	30.357	ug/l #	100
78) n-propylbenzene	12.59	91	651348	9.403	ug/l	100
79) 2-Chlorotoluene	12.69	91	89904	2.094	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	864285	17.434	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	397257	97.844	ug/l #	13
82) 4-Chlorotoluene	12.73	91	87354	2.078	ug/l #	55
83) tert-Butylbenzene	12.99	119	63949	1.459	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	3909499	78.445	ug/l	99
85) sec-Butylbenzene	13.17	105	463740	7.820	ug/l #	76
86) p-Isopropyltoluene	13.29	119	380493	7.425	ug/l	99
89) n-Butylbenzene	13.62	91	520015	11.795	ug/l #	72
90) Hexachloroethane	13.89	117	52610	6.690	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.25	75	2407	1.167	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	552	0.635	ug/l #	1
95) Naphthalene	15.13	128	27900	2.039	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.32	180	315	0.533	ug/l #	72

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QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

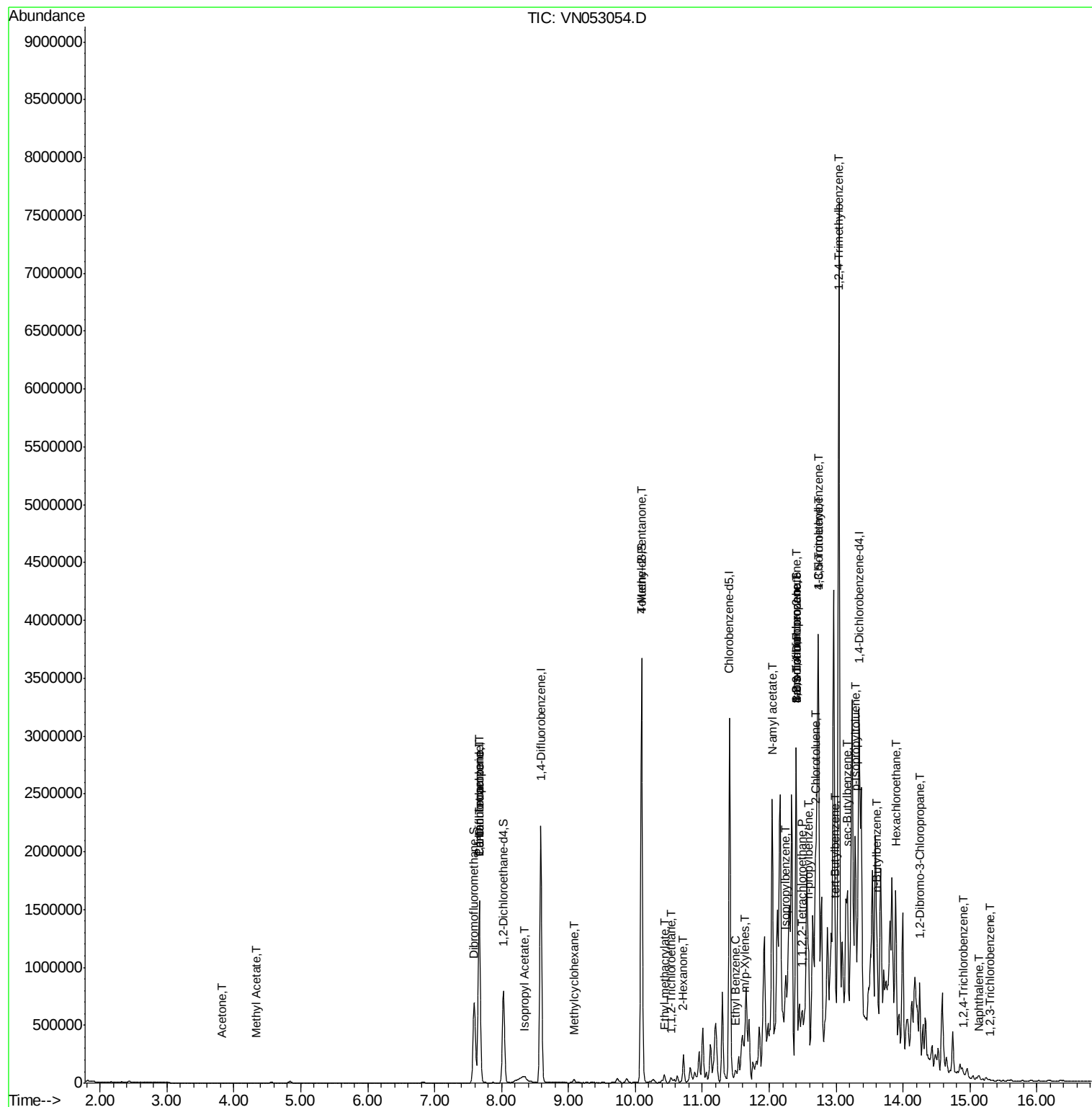
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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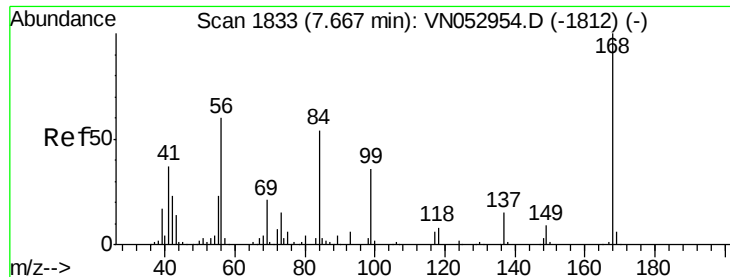
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122018\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053054.D

Acq: 20 Dec 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

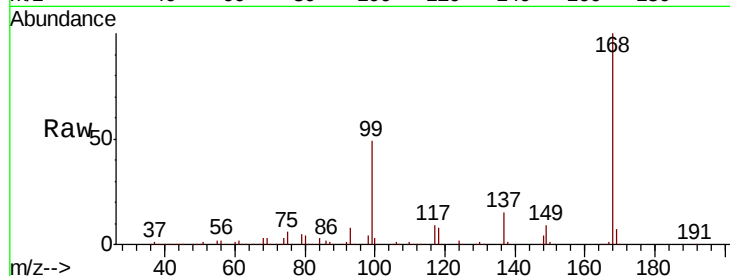
EP1-SBR-FD-1218DL

Tot Ion:168 Resp: 1393280

Ion Ratio Lower Upper

168 100

99 49.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052954.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052954.D (-1812) (-)

7.67

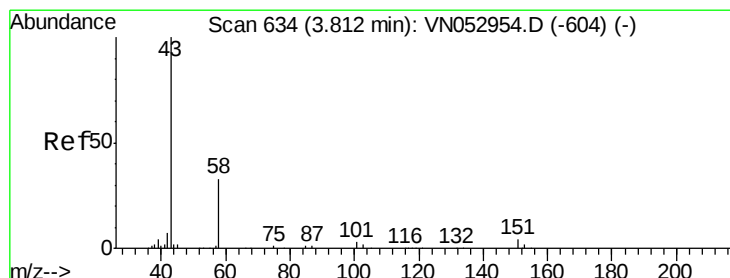
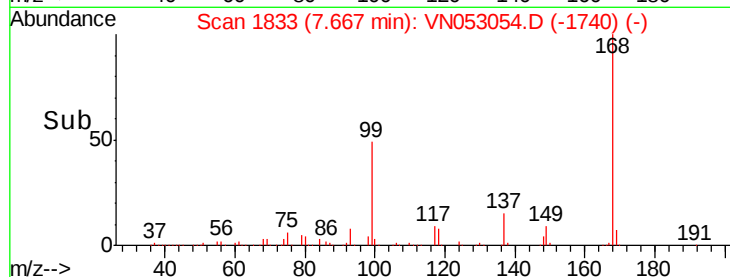
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 1.031 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.02 min

Lab File: VN053054.D

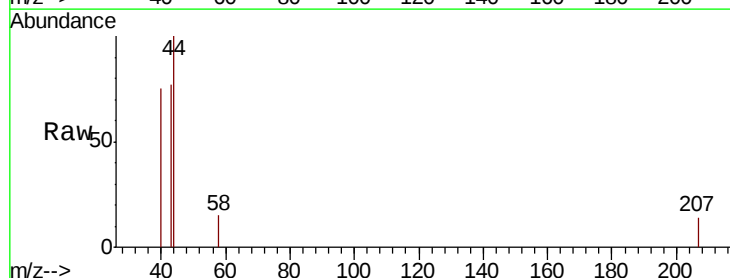
Acq: 20 Dec 2018 14:07

Tgt Ion: 43 Resp: 2859

Ion Ratio Lower Upper

43 100

58 19.7 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN052954.D (-604) (-)

3.83

1000

800

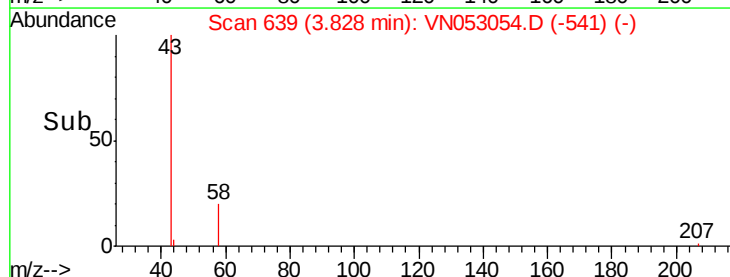
600

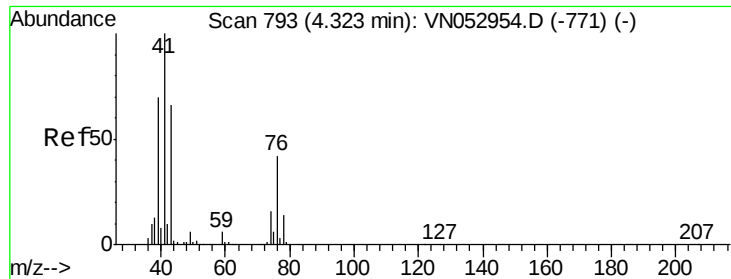
400

200

0

Time-->

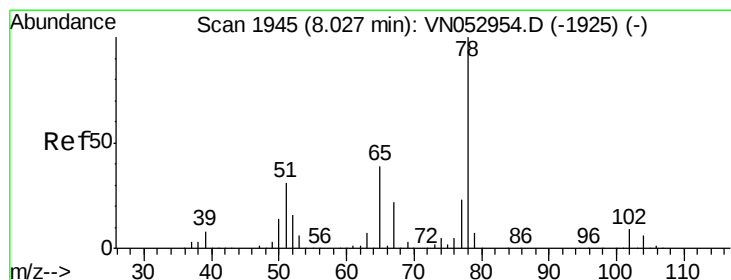
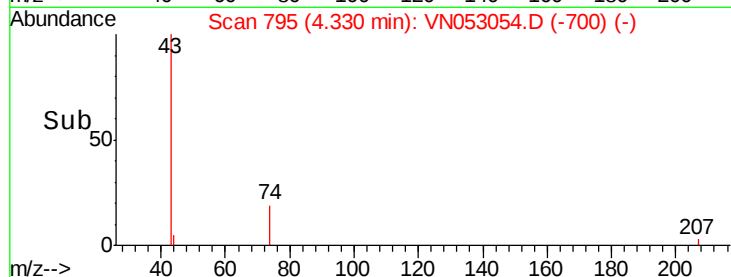
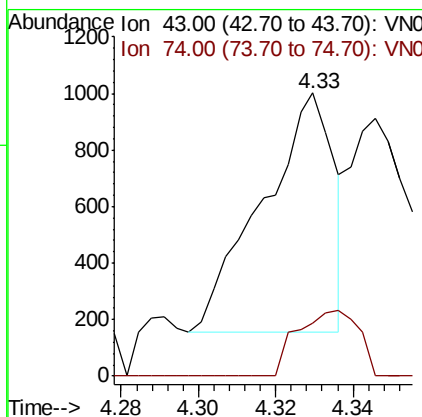
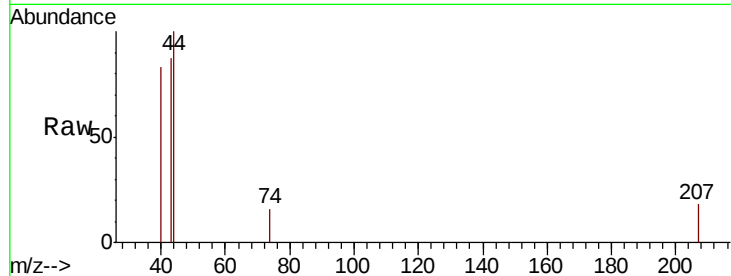




#18
Methyl Acetate
Concen: 1.077 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN053054.D
Acq: 20 Dec 2018 14:07

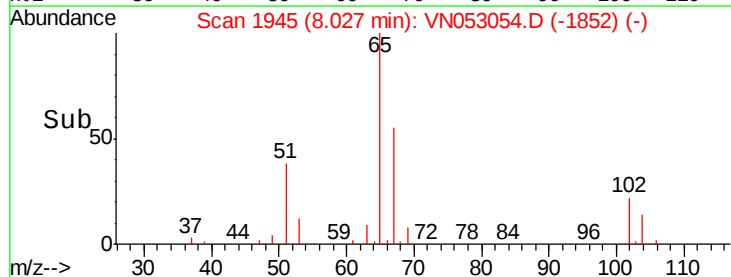
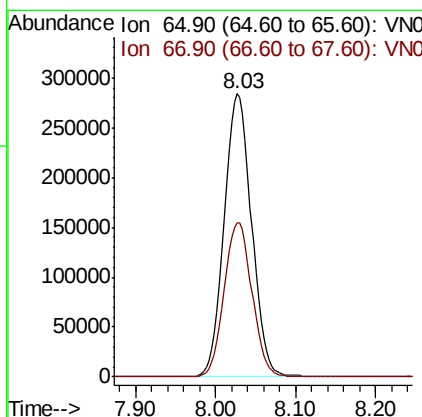
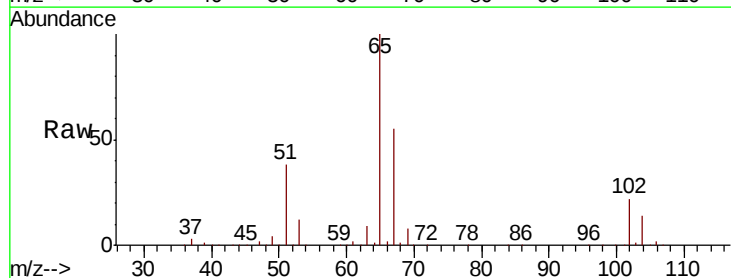
Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-FD-1218DL

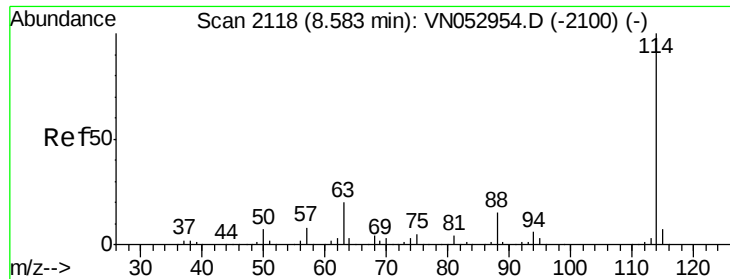
Tot Ion: 43 Resp: 1086
Ion Ratio Lower Upper
43 100
74 23.7 19.2 28.8



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053054.D
Acq: 20 Dec 2018 14:07

Tgt Ion: 65 Resp: 665533
Ion Ratio Lower Upper
65 100
67 55.4 0.0 110.4

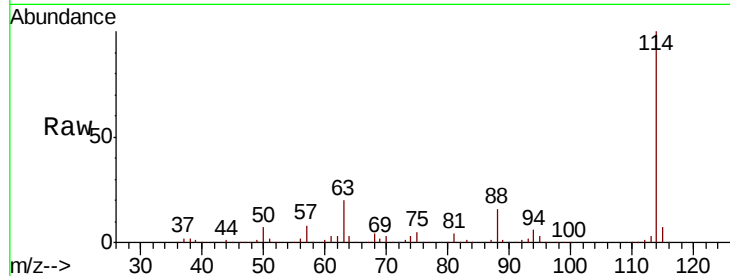




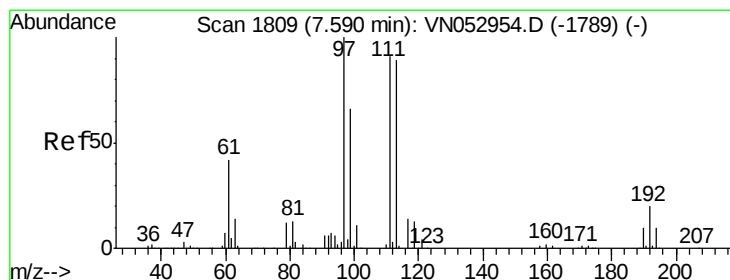
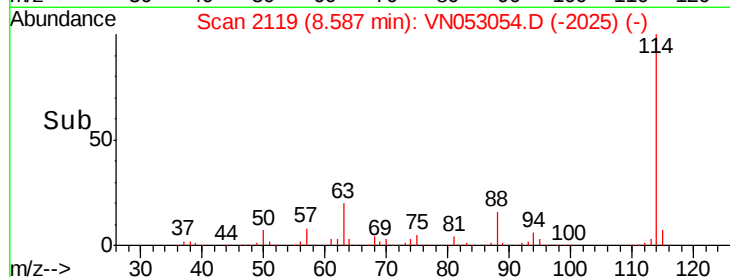
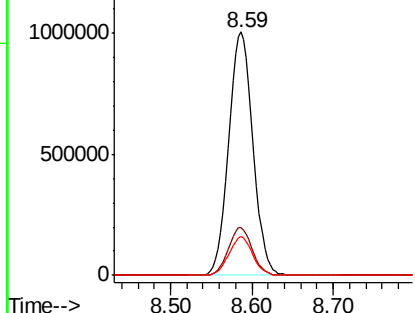
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053054.D
 Acq: 20 Dec 2018 14:07

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

Tot Ion:114 Resp: 2099216
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.7 0.0 31.0

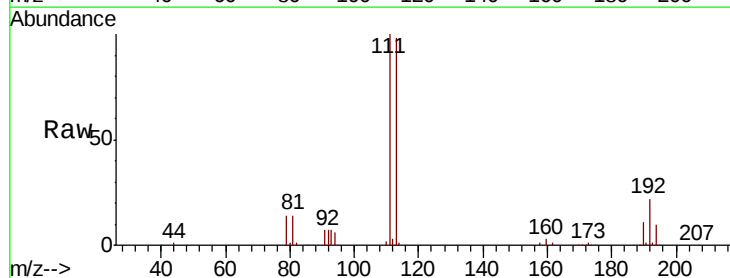


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

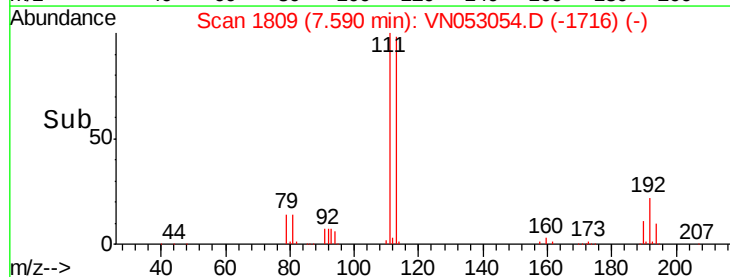
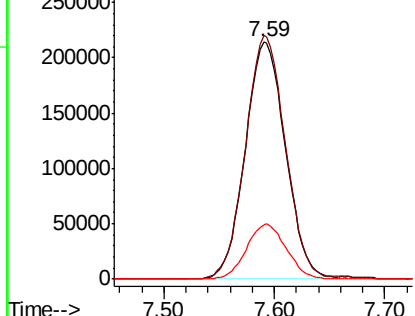


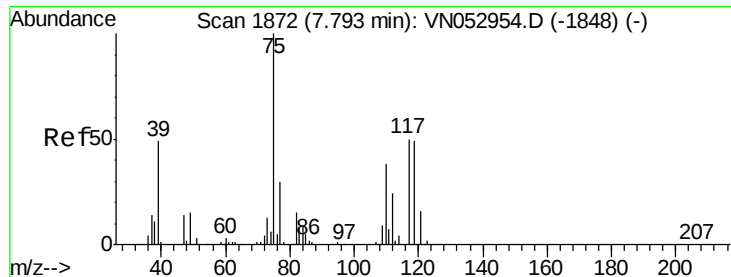
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053054.D
 Acq: 20 Dec 2018 14:07

Tgt Ion:113 Resp: 541379
 Ion Ratio Lower Upper
 113 100
 111 102.8 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

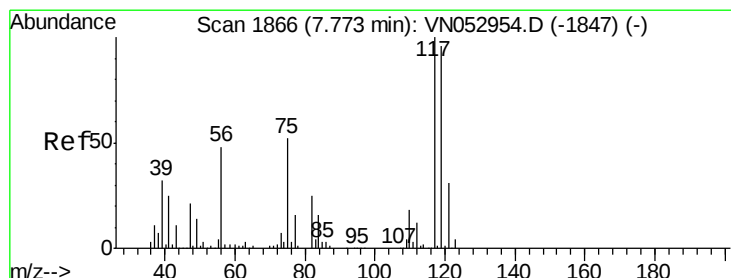
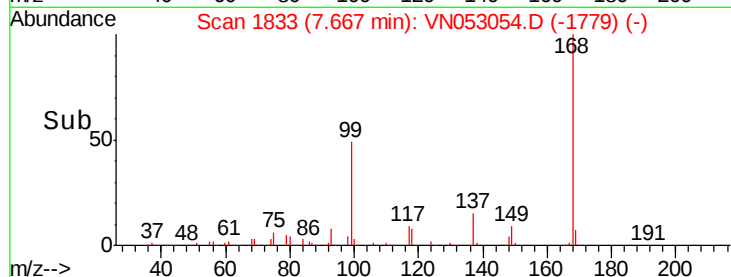
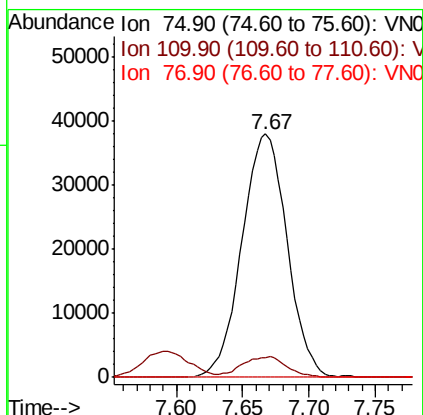
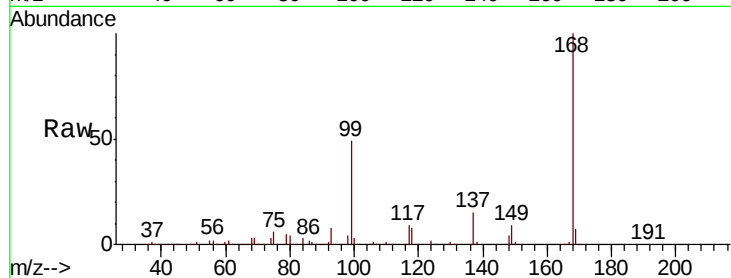




#36
 1,1-Dichloropropene
 Concen: 4.467 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053054.D
 Acq: 20 Dec 2018 14:07

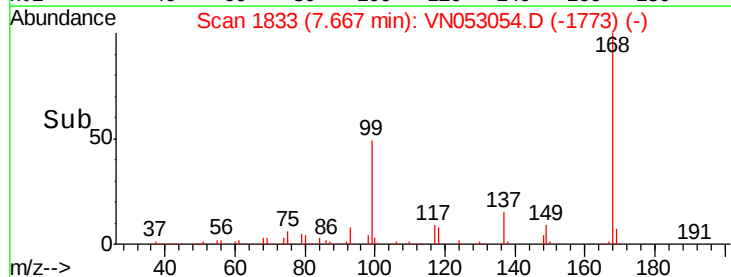
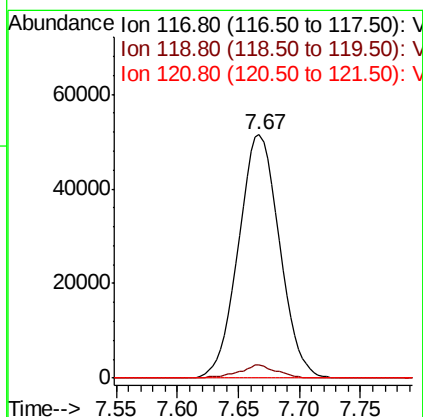
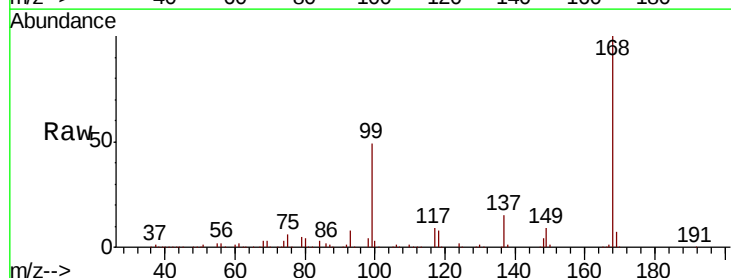
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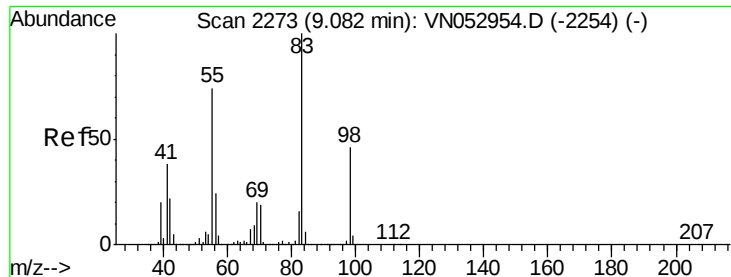
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.2	54.6#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.494 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN053054.D
 Acq: 20 Dec 2018 14:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.1	115.7#
121	0.0	24.9	37.3#

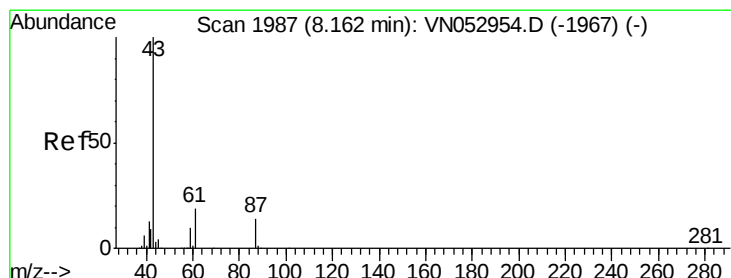
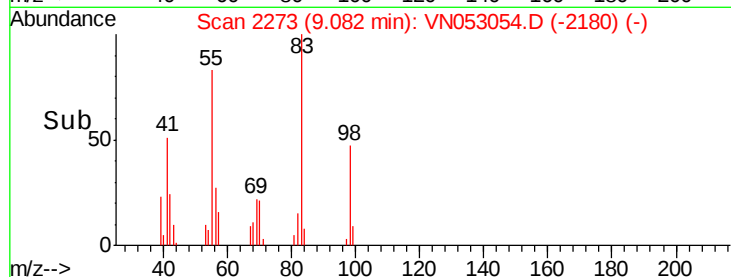
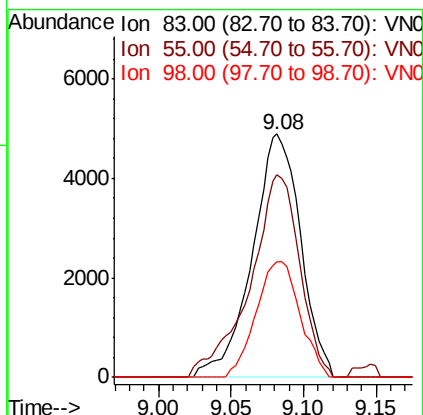
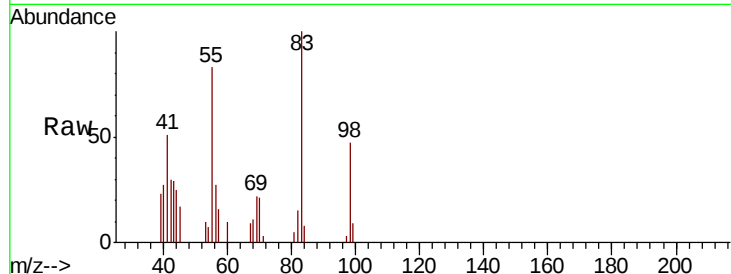




#39
Methvlcvclohexane
Concen: 0.463 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053054.D
Acq: 20 Dec 2018 14:07

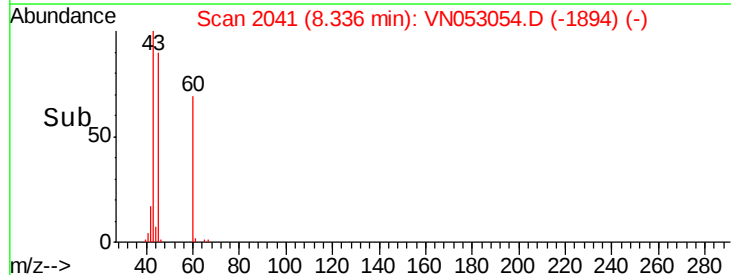
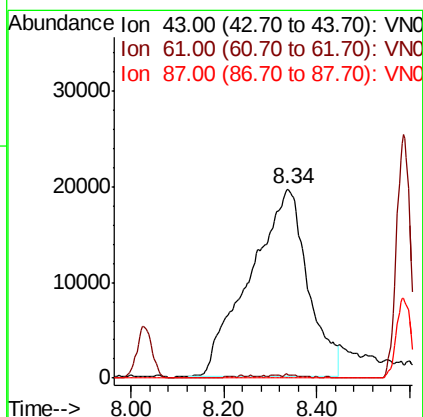
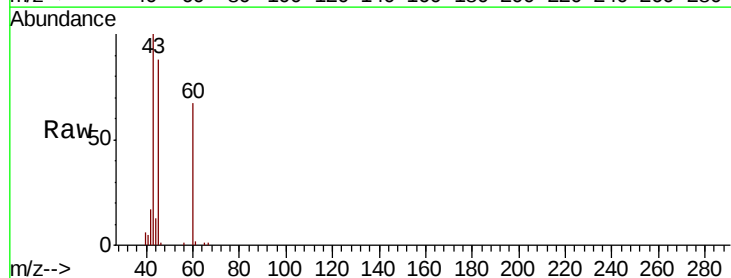
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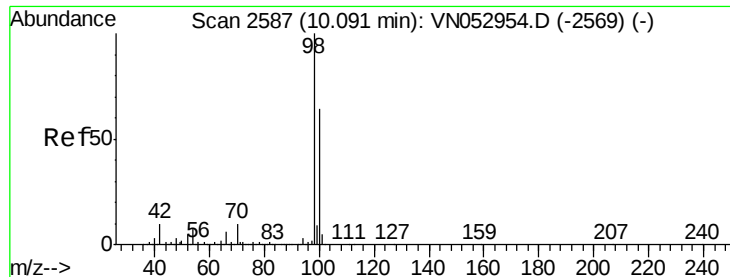
Tot Ion: 83 Resp: 11329
Ion Ratio Lower Upper
83 100
55 83.1 61.3 91.9
98 47.4 37.0 55.4



#43
Isopropyl Acetate
Concen: 6.921 ug/l
RT: 8.34 min Scan# 2041
Delta R.T. 0.17 min
Lab File: VN053054.D
Acq: 20 Dec 2018 14:07

Tgt Ion: 43 Resp: 170233
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: VN053054.D

Acq: 20 Dec 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

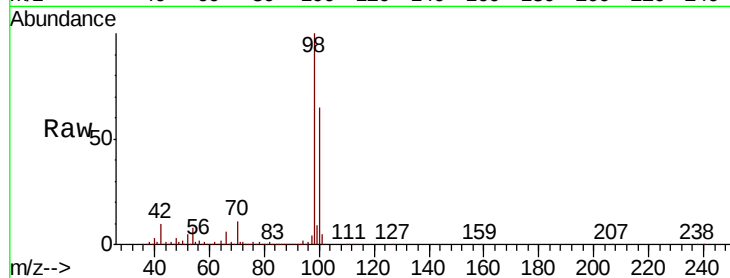
EP1-SBR-FD-1218DL

Tot Ion: 98 Resp: 2584273

Ion Ratio Lower Upper

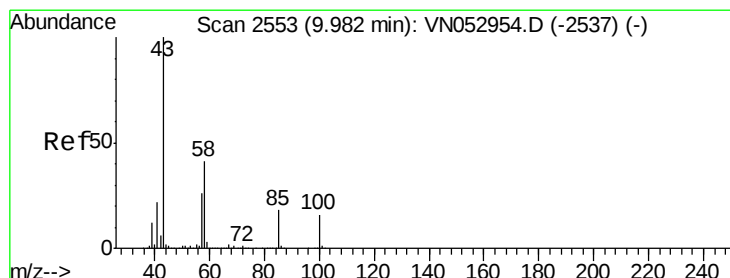
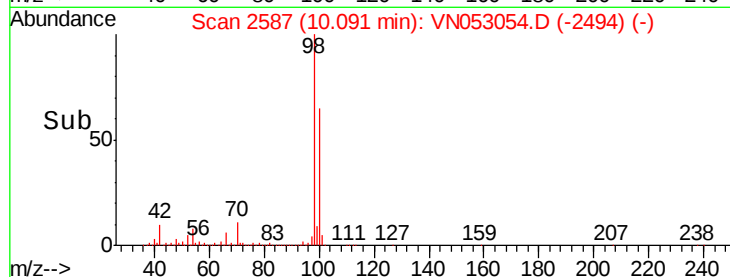
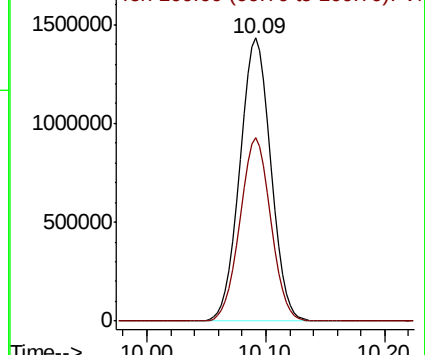
98 100

100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 1.196 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.11 min

Lab File: VN053054.D

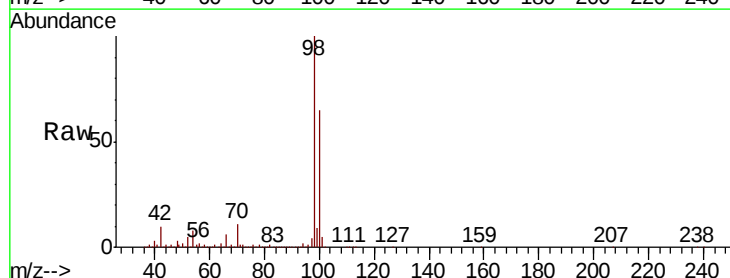
Acq: 20 Dec 2018 14:07

Tgt Ion: 43 Resp: 13025

Ion Ratio Lower Upper

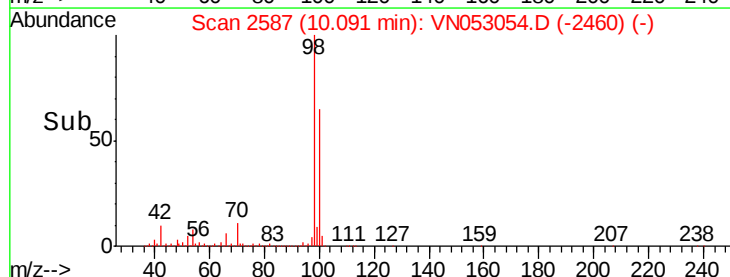
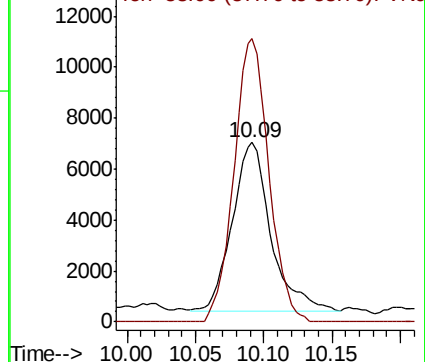
43 100

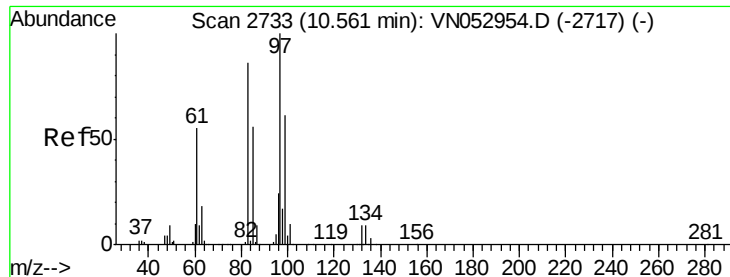
58 151.0 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

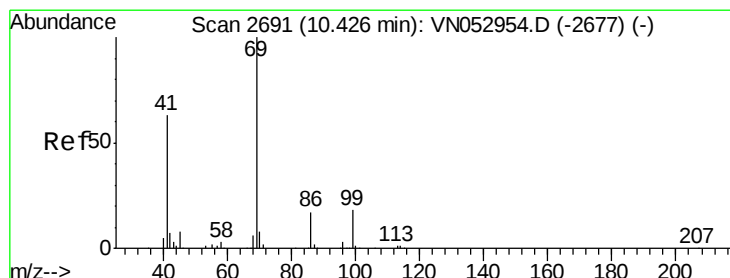
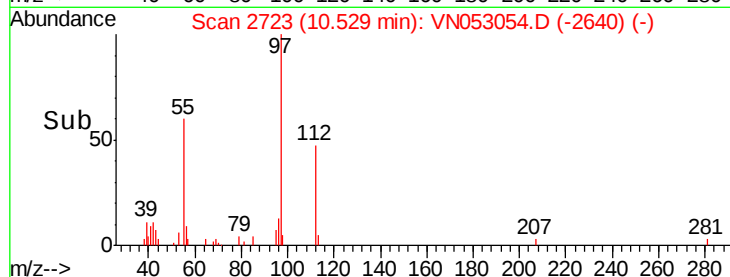
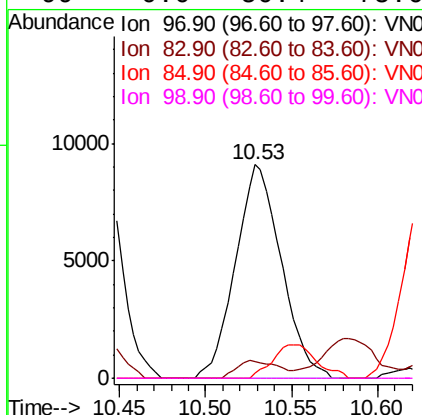
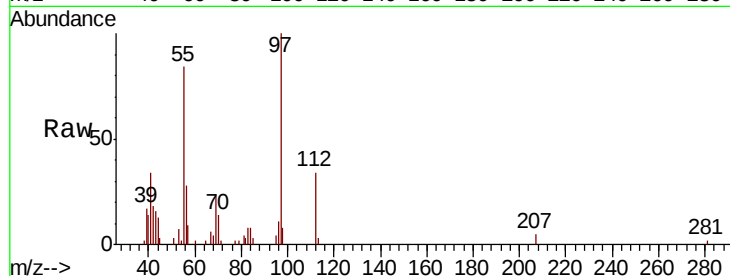




#55
 1,1,2-Trichloroethane
 Concen: 1.299 ug/l
 RT: 10.53 min Scan# 2723
 Delta R.T. -0.03 min
 Lab File: VN053054.D
 Acq: 20 Dec 2018 14:07

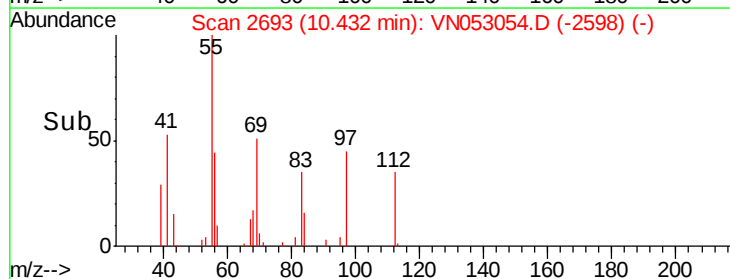
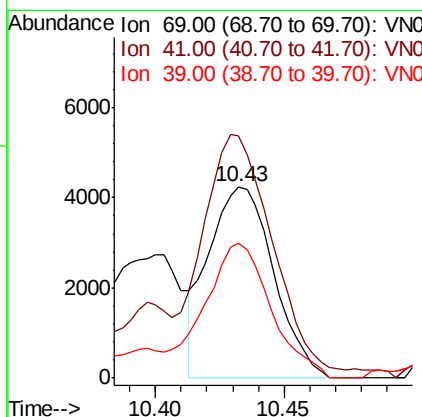
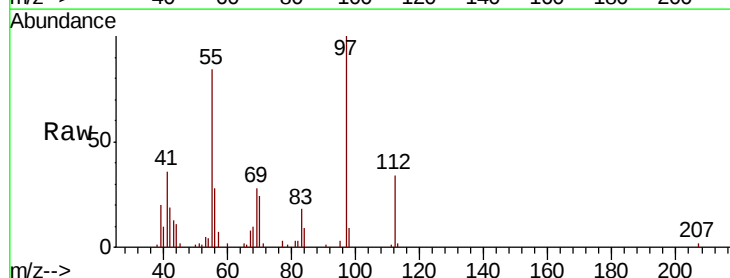
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-FD-1218DL

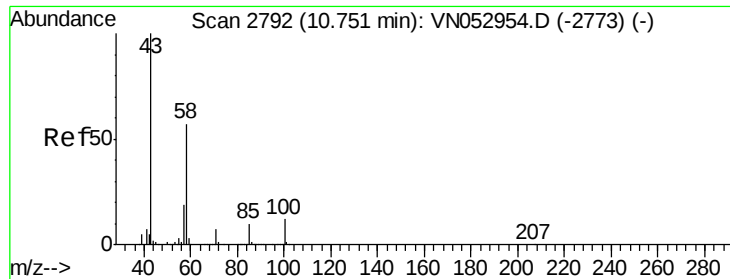
Tot Ion	Ratio	Lower	Upper
97	100		
83	8.1	70.9	106.3#
85	2.5	45.4	68.2#
99	0.0	50.4	75.6#



#56
 Ethyl methacrylate
 Concen: 0.434 ug/l
 RT: 10.43 min Scan# 2693
 Delta R.T. 0.01 min
 Lab File: VN053054.D
 Acq: 20 Dec 2018 14:07

Tgt Ion	Ratio	Lower	Upper
69	100		
41	131.6	51.7	77.5#
39	72.6	24.6	37.0#

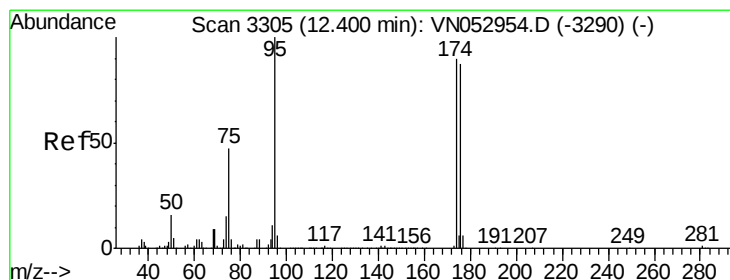
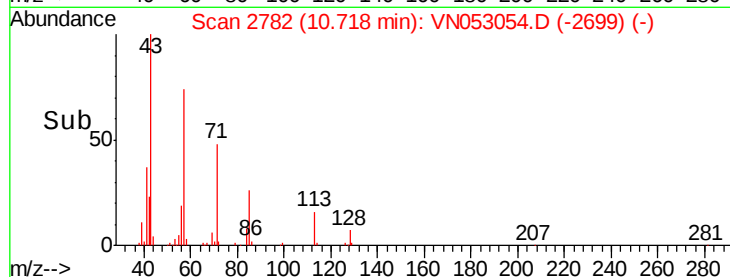
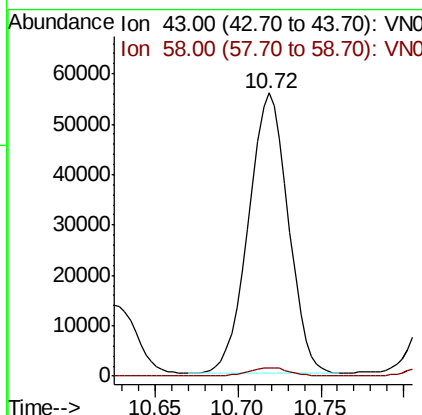
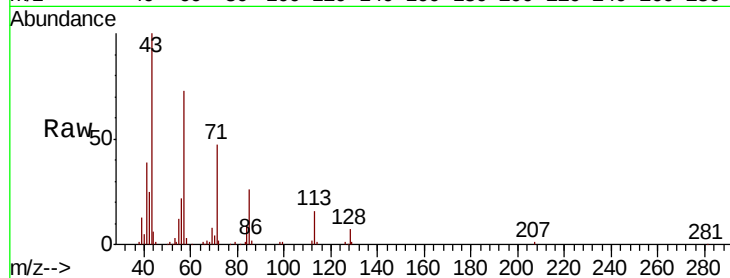




#59
2-Hexanone
Concen: 12.553 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN053054.D
Acq: 20 Dec 2018 14:07

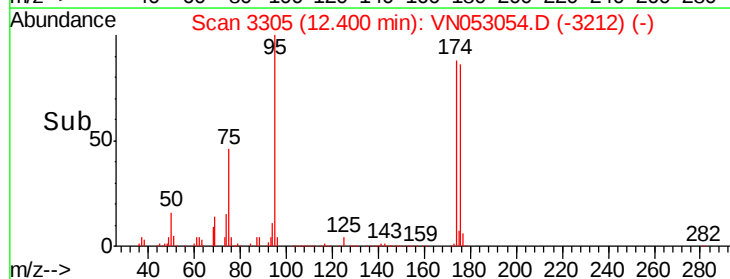
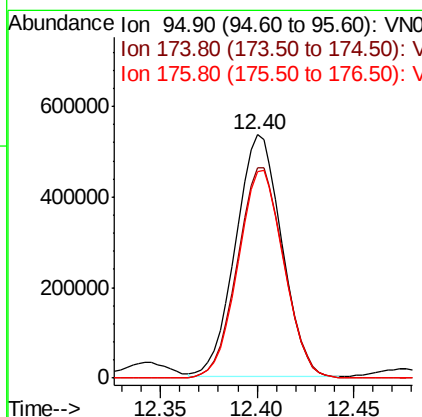
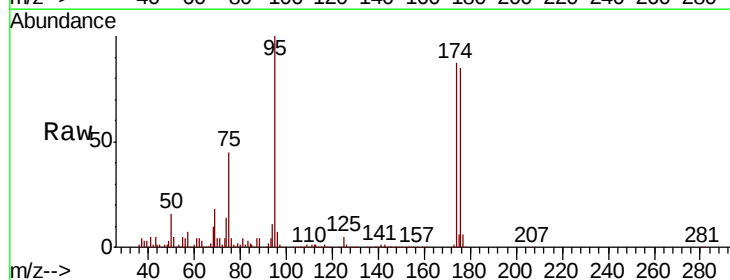
Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-FD-1218DL

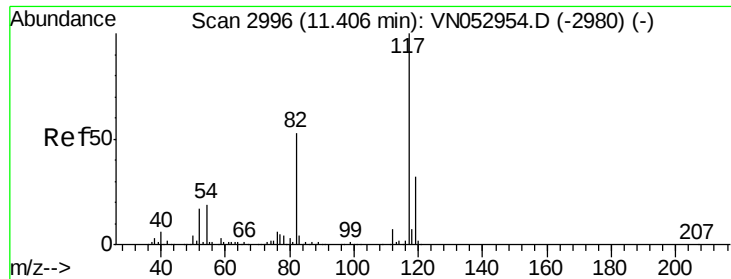
Tot Ion: 43 Resp: 92515
Ion Ratio Lower Upper
43 100
58 3.1 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN053054.D
Acq: 20 Dec 2018 14:07

Tgt Ion: 95 Resp: 884742
Ion Ratio Lower Upper
95 100
174 87.7 0.0 178.8
176 85.4 0.0 173.8

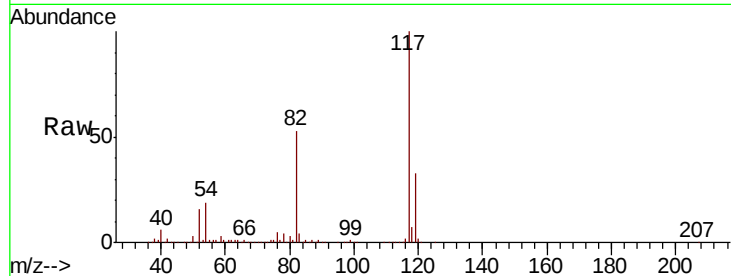




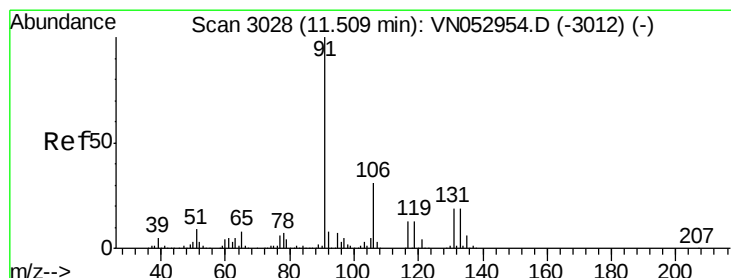
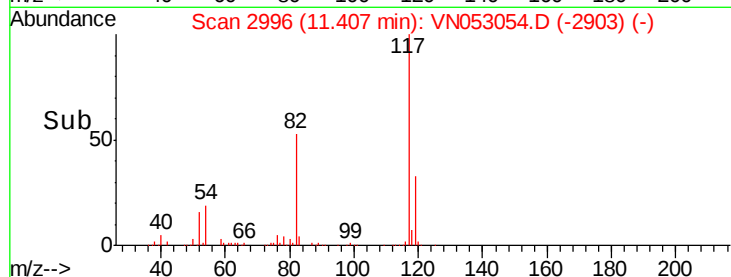
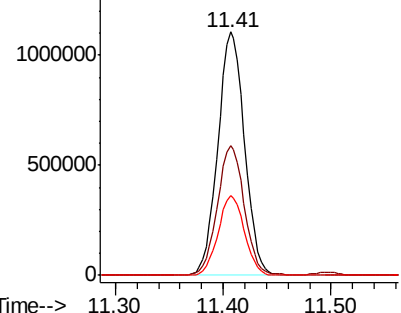
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053054.D
Acq: 20 Dec 2018 14:07

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

Tot Ion:117 Resp: 1904962
Ion Ratio Lower Upper
117 100
82 52.8 42.8 64.2
119 32.5 25.5 38.3

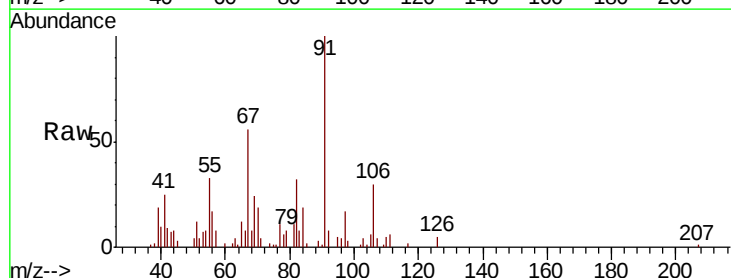


Abundance Ion 116.90 (116.60 to 117.60): V
1500000 Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

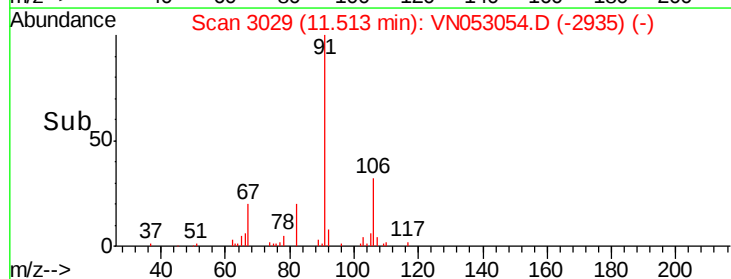
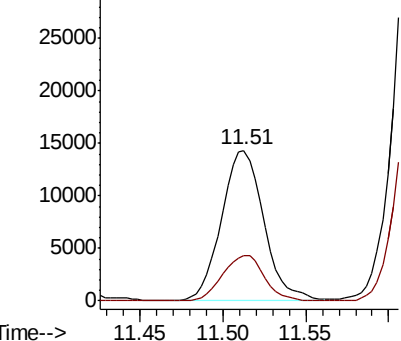


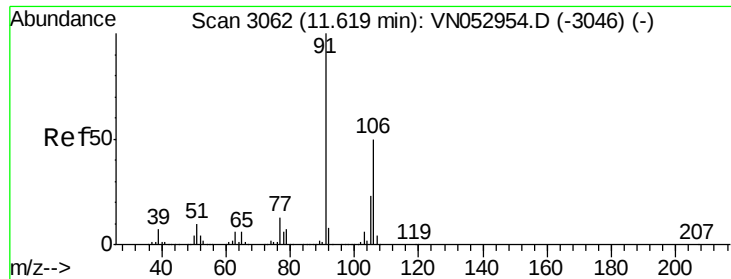
#67
Ethyl Benzene
Concen: 0.352 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053054.D
Acq: 20 Dec 2018 14:07

Tgt Ion: 91 Resp: 25559
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VN
30000 Ion 106.00 (105.70 to 106.70): V

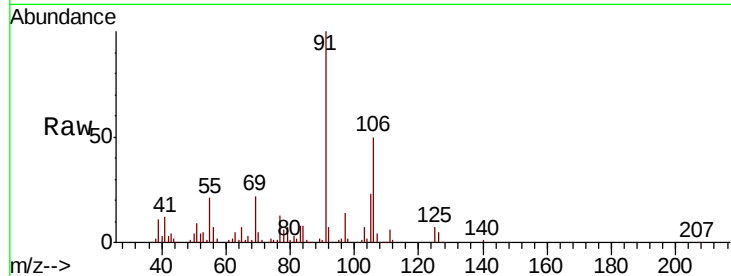




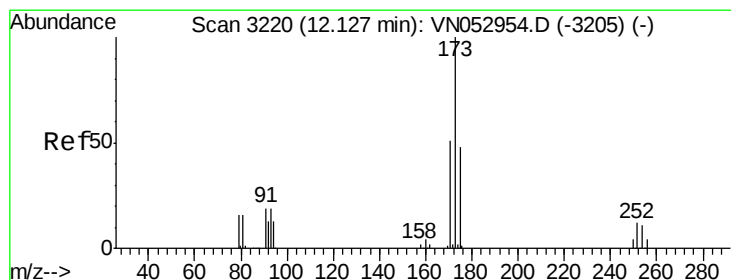
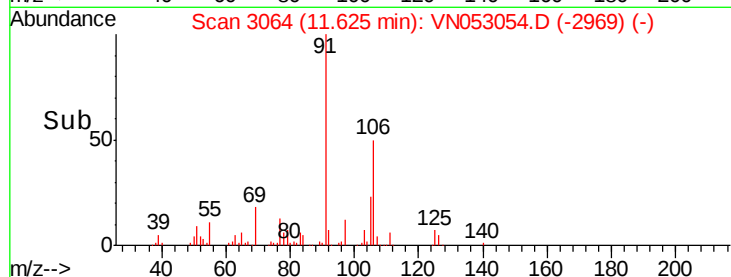
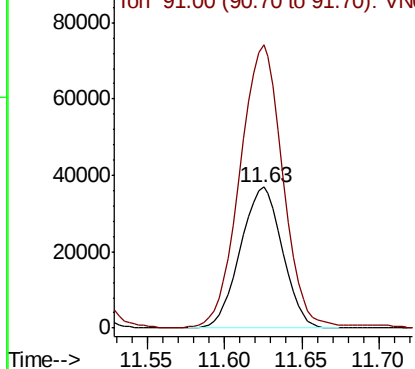
#68
m/p-Xvlenes
Concen: 2.533 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.01 min
Lab File: VN053054.D
Acq: 20 Dec 2018 14:07

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

Tot Ion:106 Resp: 69935
Ion Ratio Lower Upper
106 100
91 203.3 162.2 243.4

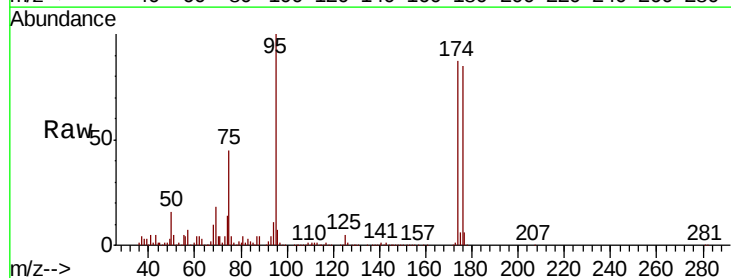


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

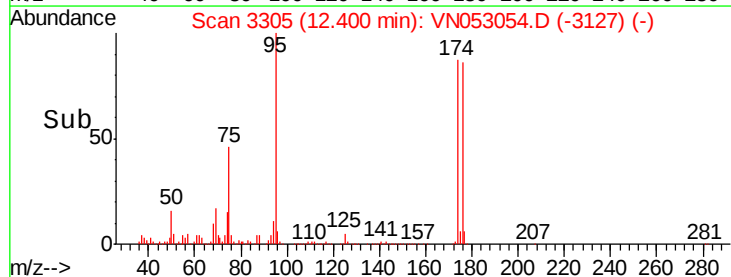
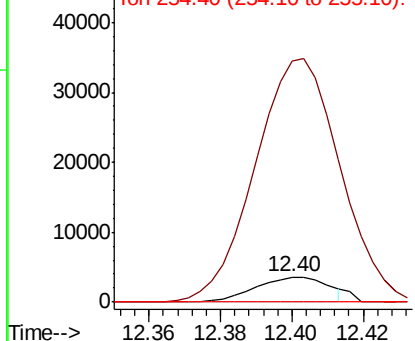


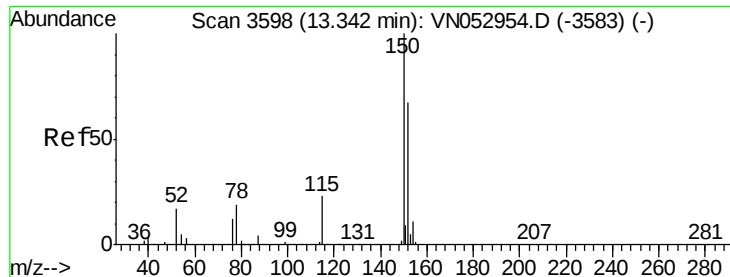
#71
Bromoform
Concen: 0.476 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053054.D
Acq: 20 Dec 2018 14:07

Tgt Ion:173 Resp: 5049
Ion Ratio Lower Upper
173 100
175 1003.3 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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053054.D

Acq: 20 Dec 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-FD-1218DL

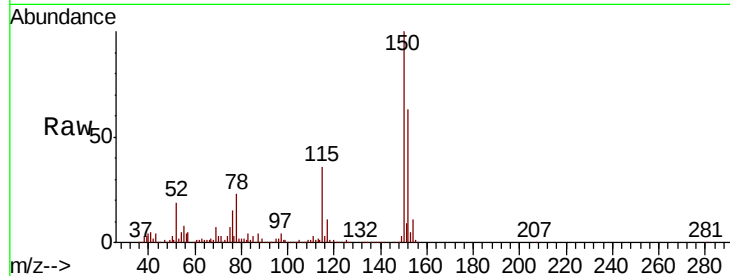
Tot Ion:152 Resp: 777367

Ion Ratio Lower Upper

152 100

115 61.2 28.3 85.0

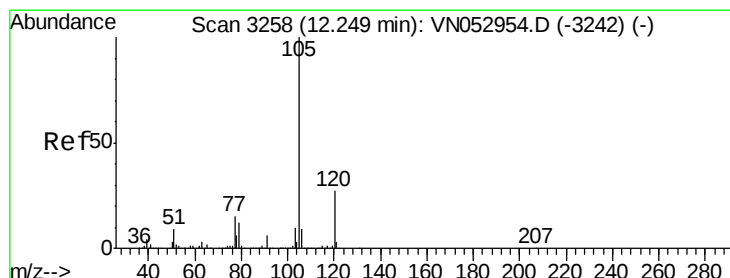
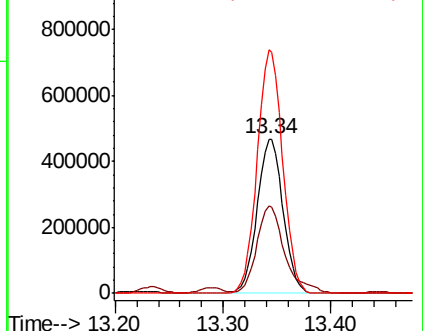
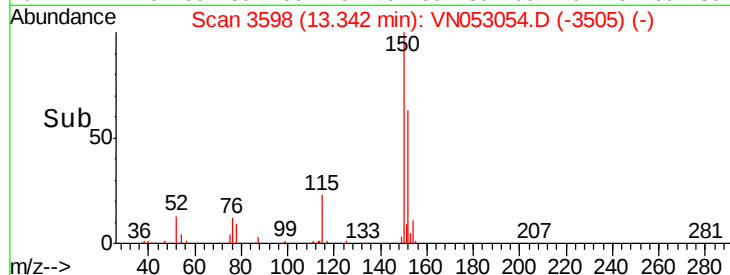
150 155.2 0.0 347.8



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: 4.708 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053054.D

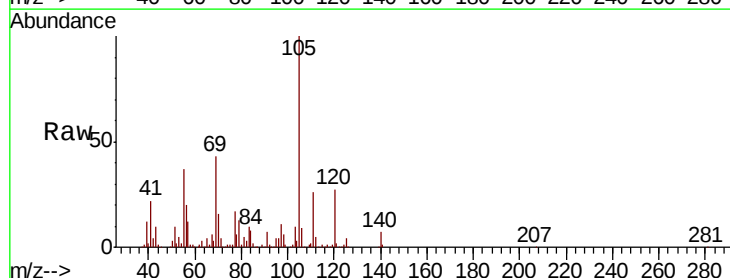
Acq: 20 Dec 2018 14:07

Tgt Ion:105 Resp: 286342

Ion Ratio Lower Upper

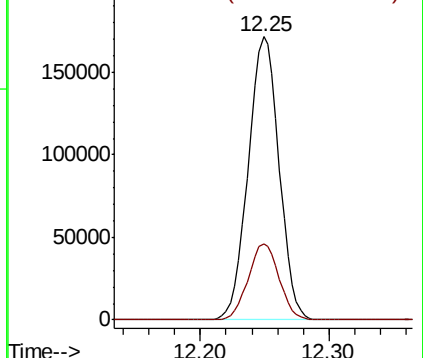
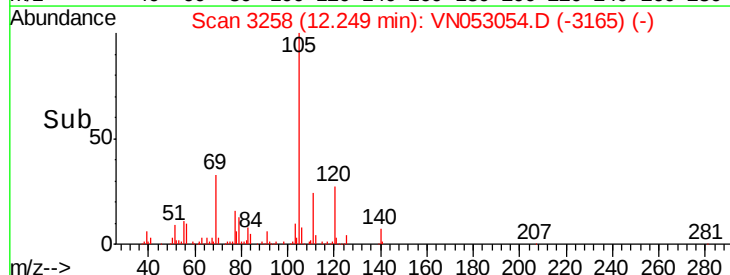
105 100

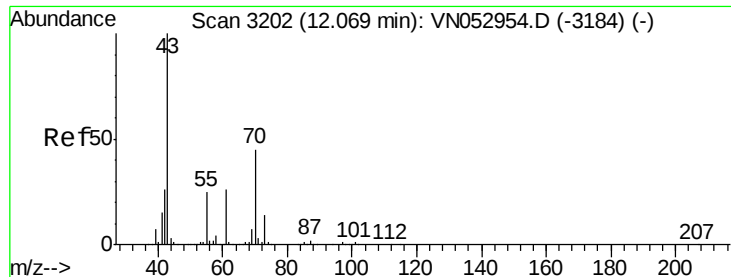
120 26.9 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 28.446 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN053054.D

Acq: 20 Dec 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-FD-1218DL

Tot Ion: 43 Resp: 480344

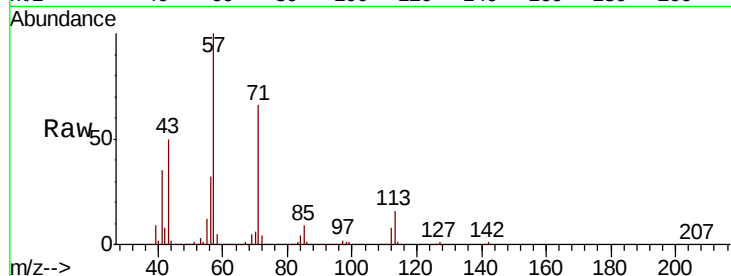
Ion Ratio Lower Upper

43 100

70 10.1 34.2 51.4#

55 19.7 20.3 30.5#

61 0.0 20.0 30.0#



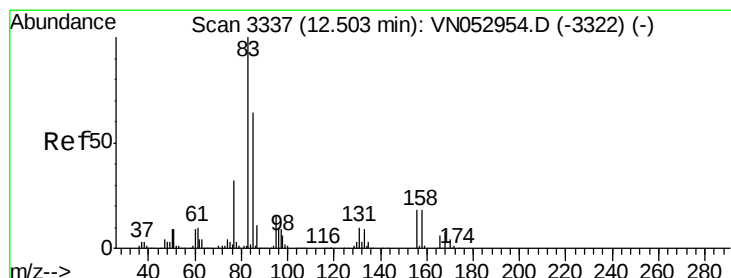
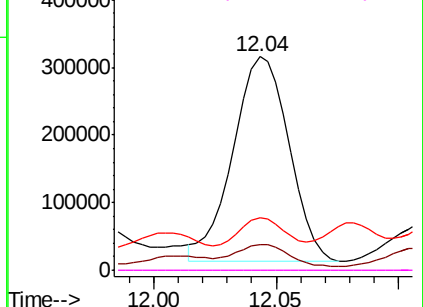
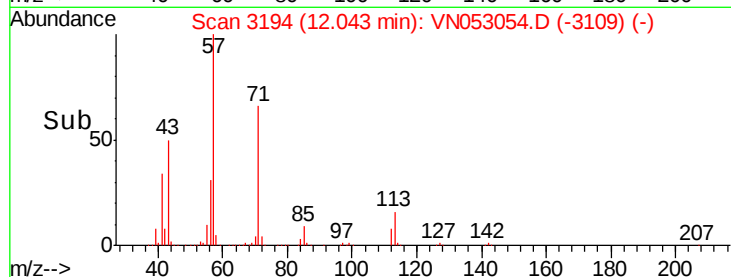
Abundance

Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#75

1,1,2,2-Tetrachloroethane

Concen: 2.501 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.03 min

Lab File: VN053054.D

Acq: 20 Dec 2018 14:07

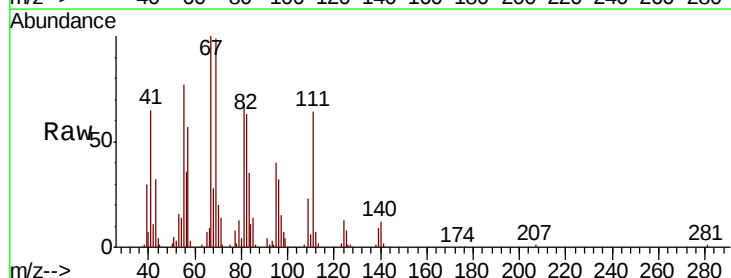
Tgt Ion: 83 Resp: 29843

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 93.3 32.4 97.0

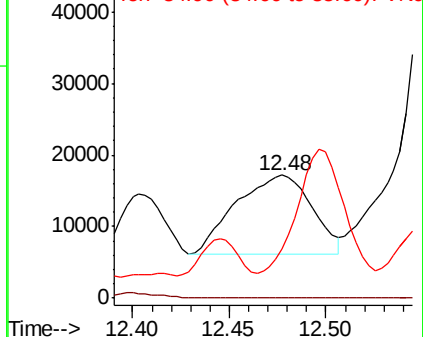
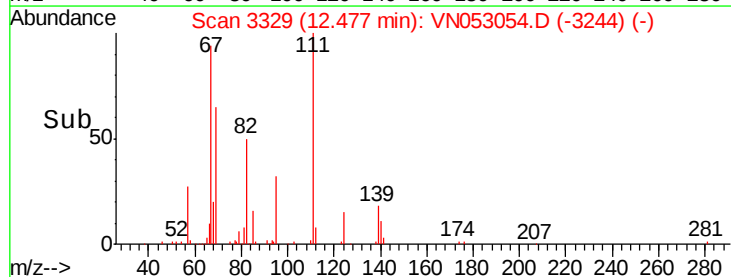


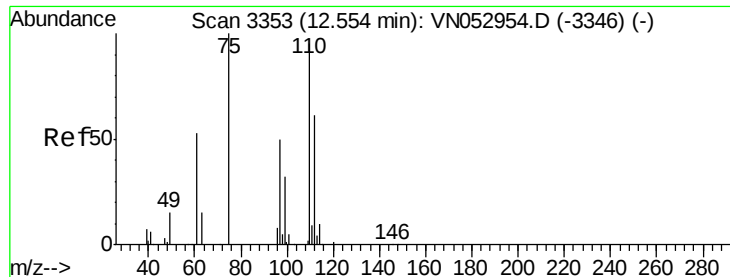
Abundance

Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO





#76

1,2,3-Trichloropropane

Concen: 30.357 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053054.D

Acq: 20 Dec 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

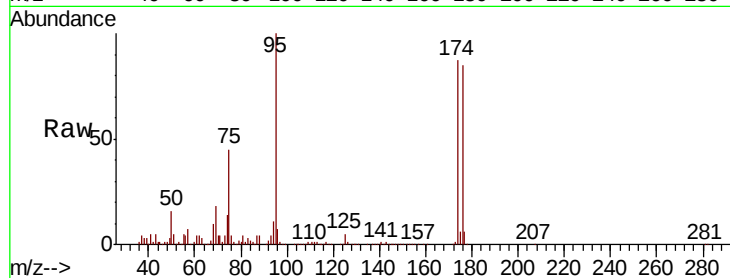
EP1-SBR-FD-1218DL

Tot Ion: 75 Resp: 397257

Ion Ratio Lower Upper

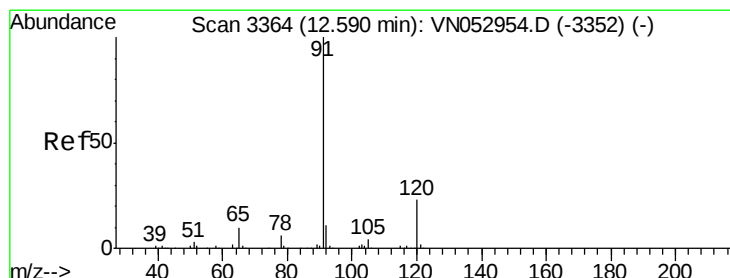
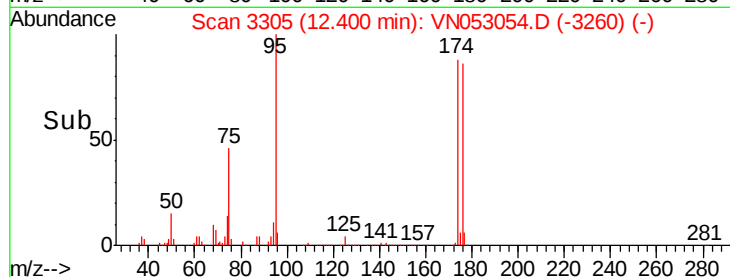
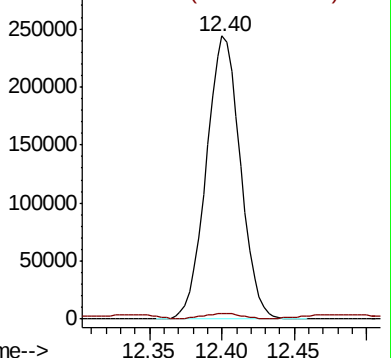
75 100

77 1.9 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: 9.403 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN053054.D

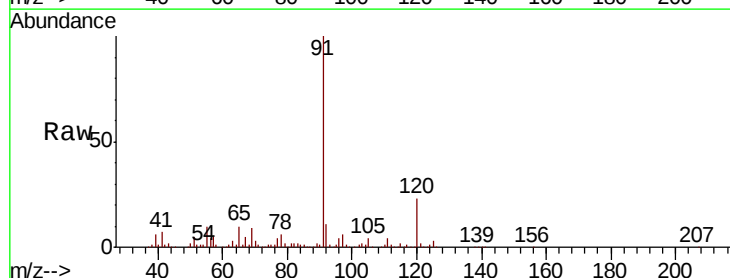
Acq: 20 Dec 2018 14:07

Tgt Ion: 91 Resp: 651348

Ion Ratio Lower Upper

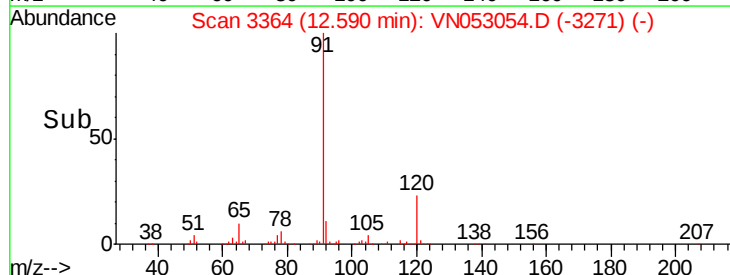
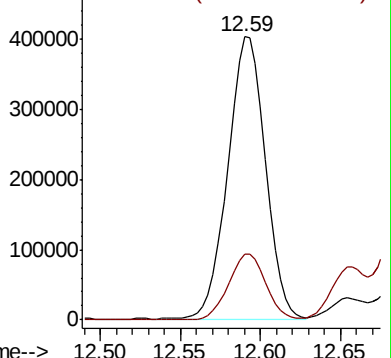
91 100

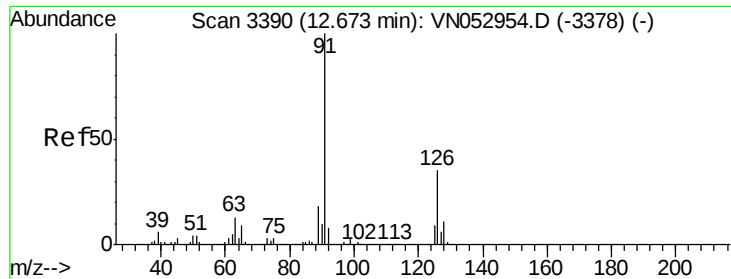
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

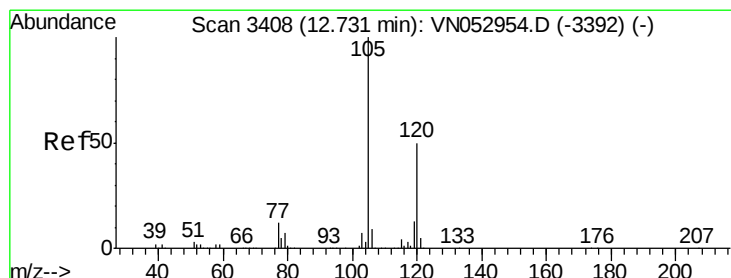
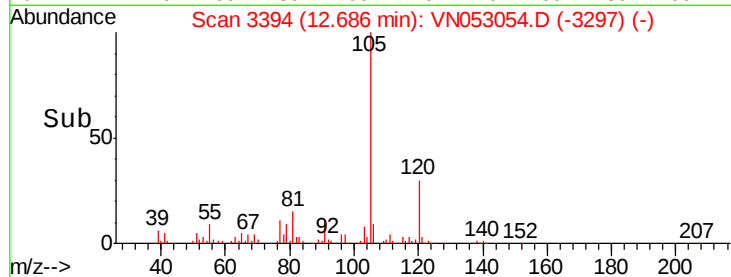
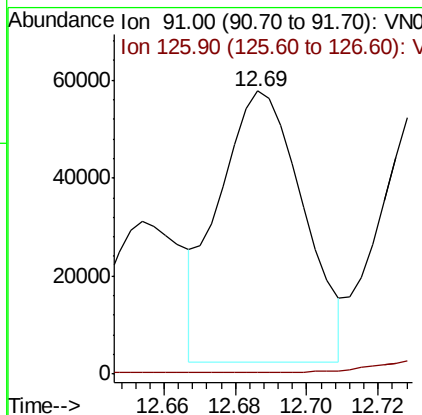
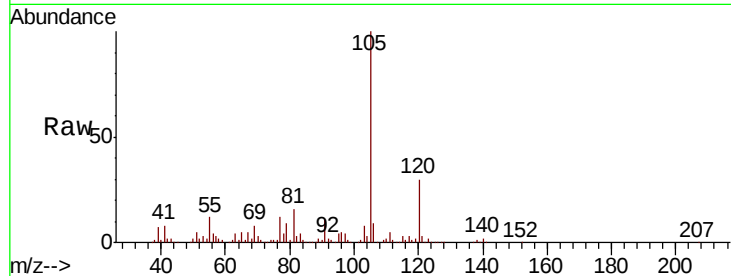




#79
 2-Chlorotoluene
 Concen: 2.094 ug/l
 RT: 12.69 min Scan# 3394
 Delta R.T. 0.01 min
 Lab File: VN053054.D
 Acq: 20 Dec 2018 14:07

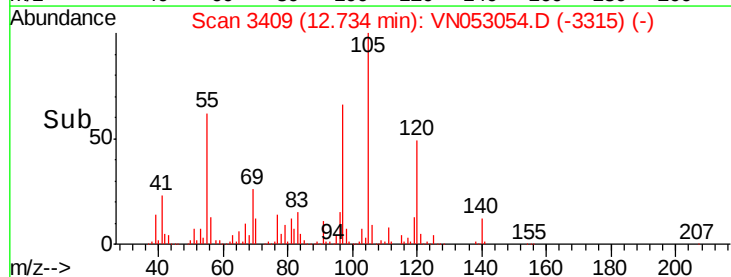
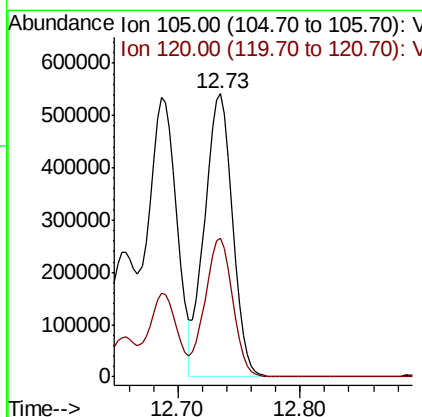
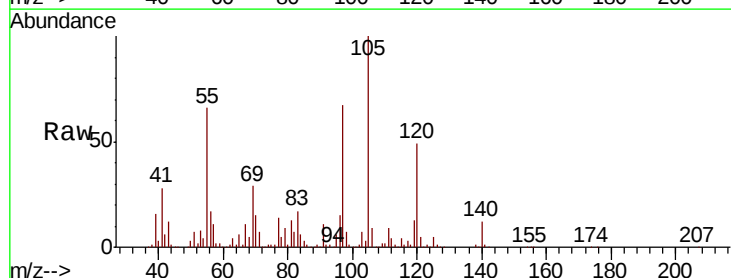
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-FD-1218DL

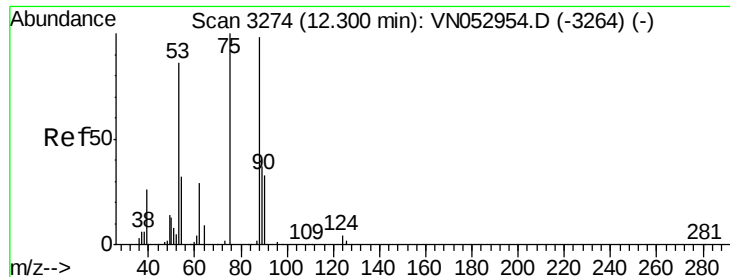
Tot Ion: 91 Resp: 89904
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.4 52.3#



#80
 1,3,5-Trimethylbenzene
 Concen: 17.434 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053054.D
 Acq: 20 Dec 2018 14:07

Tgt Ion: 105 Resp: 864285
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 97.844 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053054.D

Acq: 20 Dec 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-FD-1218DL

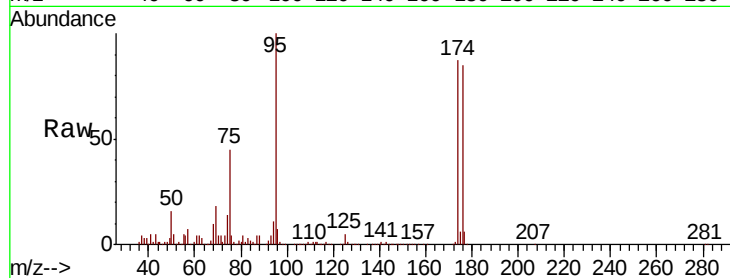
Tot Ion: 75 Resp: 397257

Ion Ratio Lower Upper

75 100

53 2.0 74.7 112.1#

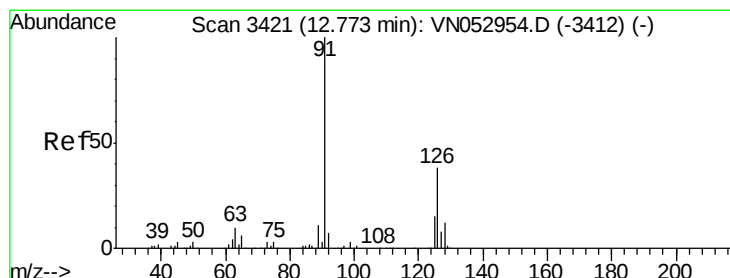
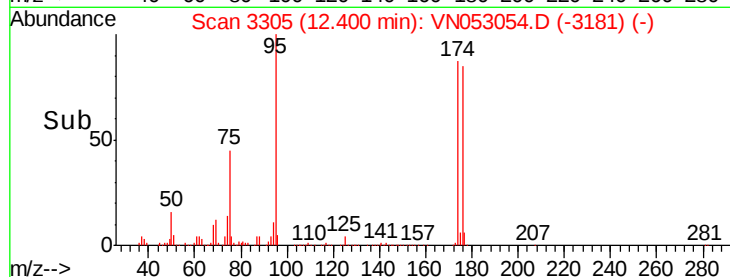
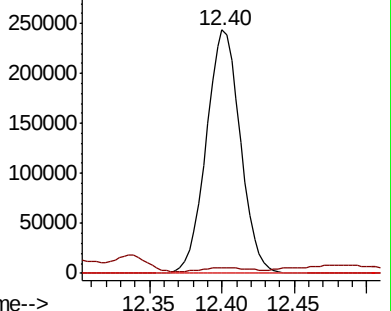
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 2.078 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN053054.D

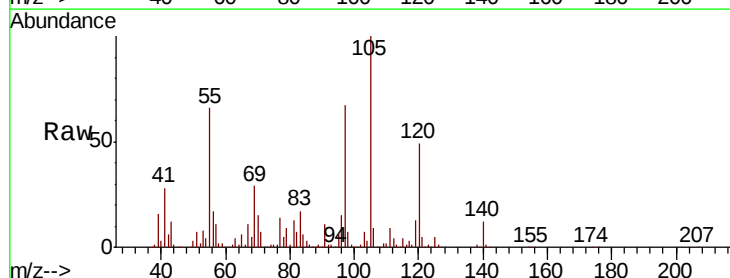
Acq: 20 Dec 2018 14:07

Tgt Ion: 91 Resp: 87354

Ion Ratio Lower Upper

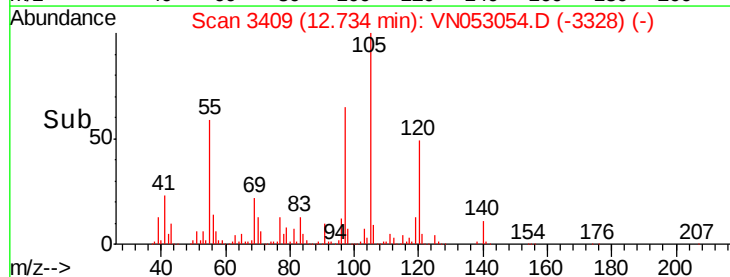
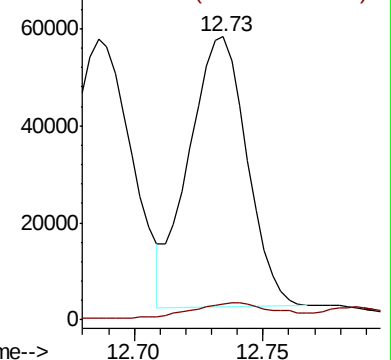
91 100

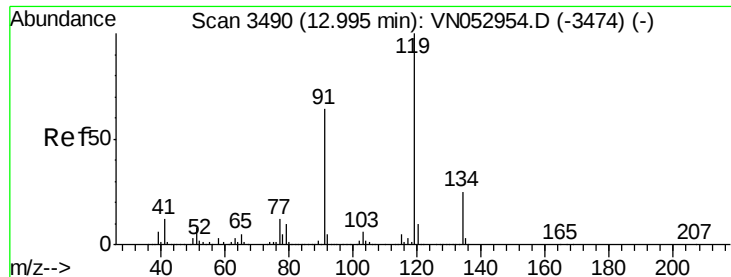
126 8.4 17.3 51.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

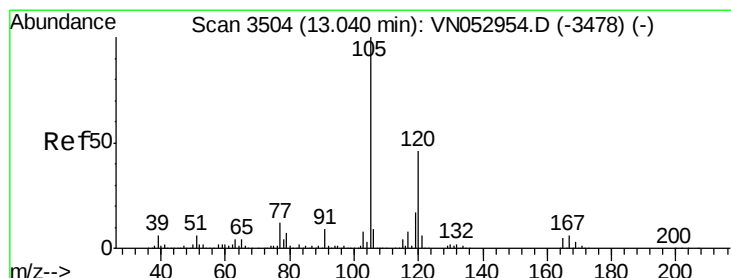
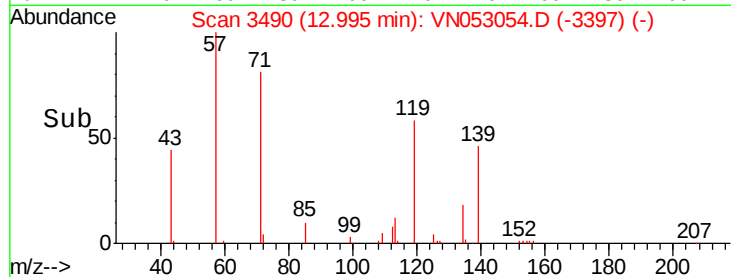
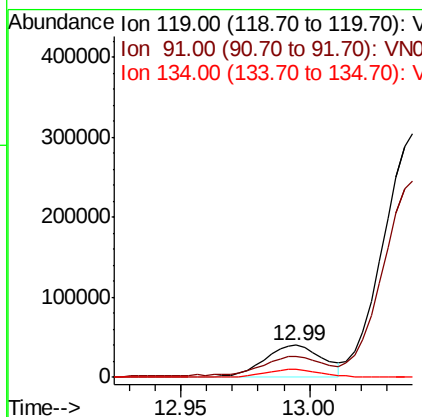
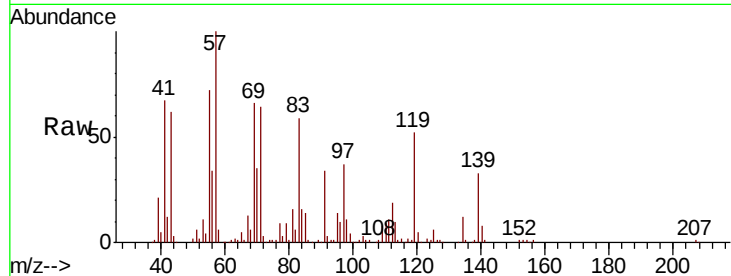




#83
 tert-Butylbenzene
 Concen: 1.459 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053054.D
 Acq: 20 Dec 2018 14:07

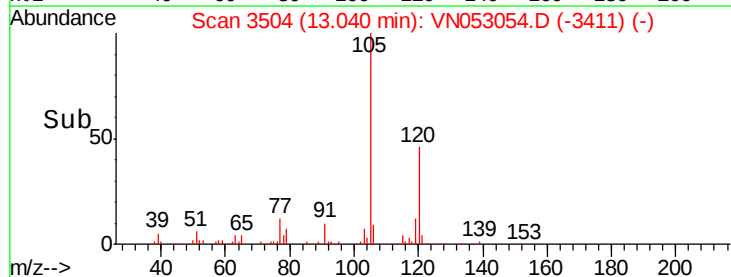
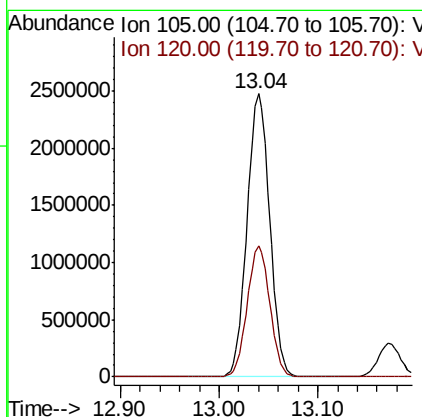
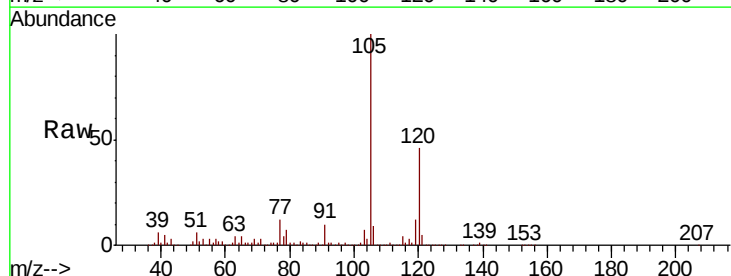
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-FD-1218DL

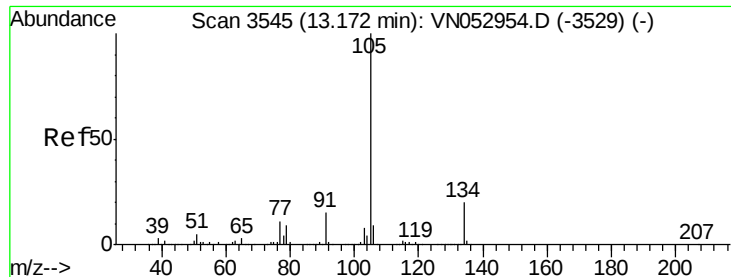
Tot Ion:119 Resp: 63949
 Ion Ratio Lower Upper
 119 100
 91 68.8 31.9 95.5
 134 23.8 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 78.445 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053054.D
 Acq: 20 Dec 2018 14:07

Tgt Ion:105 Resp: 3909499
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.9 68.8

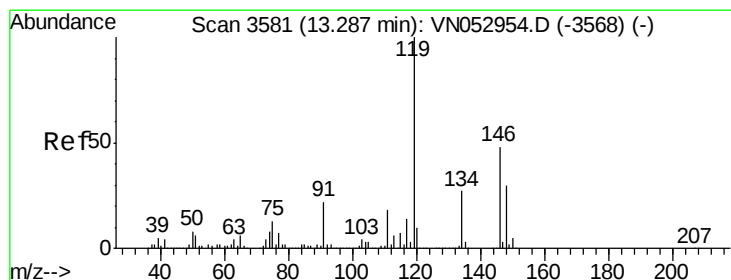
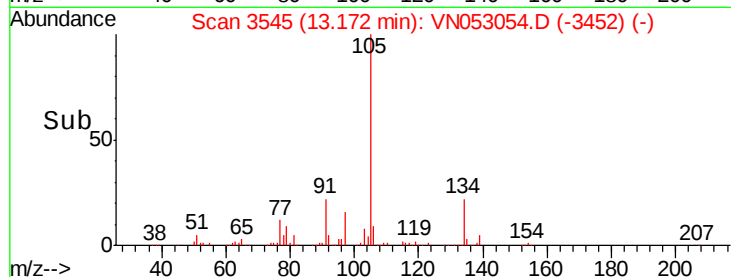
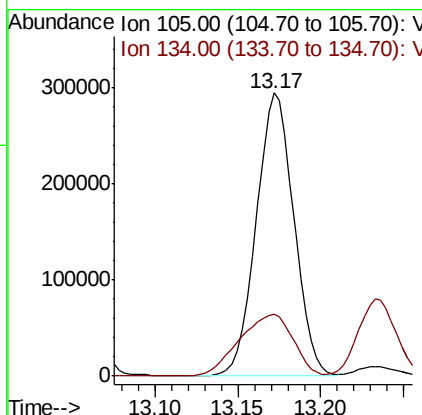
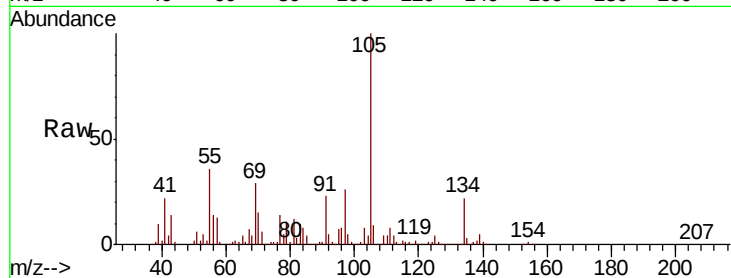




#85
 sec-Butylbenzene
 Concen: 7.820 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN053054.D
 Acq: 20 Dec 2018 14:07

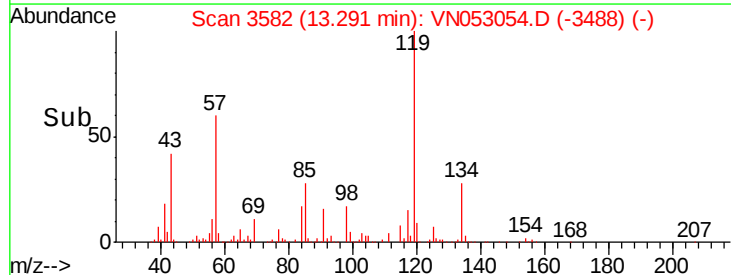
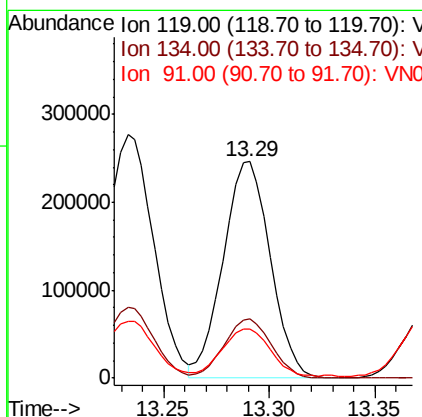
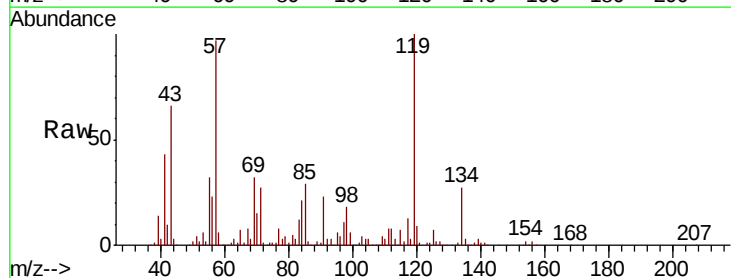
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-FD-1218DL

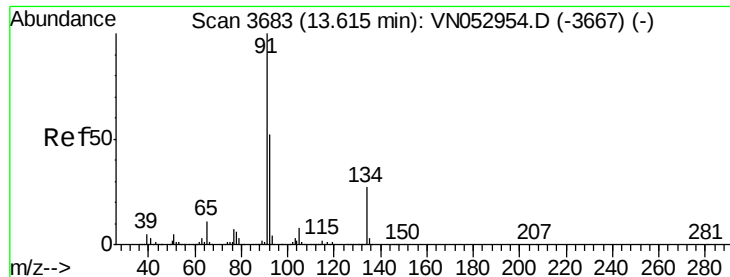
Tot Ion:105 Resp: 463740
 Ion Ratio Lower Upper
 105 100
 134 31.2 10.1 30.3#



#86
 p-Isopropyltoluene
 Concen: 7.425 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN053054.D
 Acq: 20 Dec 2018 14:07

Tgt Ion:119 Resp: 380493
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.4 40.2
 91 21.9 11.1 33.3





#89

n-Butylbenzene

Concen: 11.795 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053054.D

Acq: 20 Dec 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-FD-1218DL

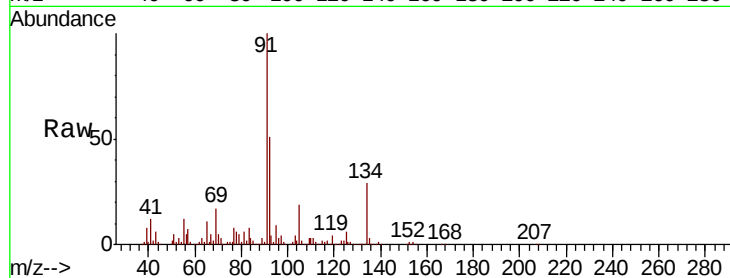
Tot Ion: 91 Resp: 520015

Ion Ratio Lower Upper

91 100

92 41.0 26.3 78.9

134 0.0 13.3 39.8#

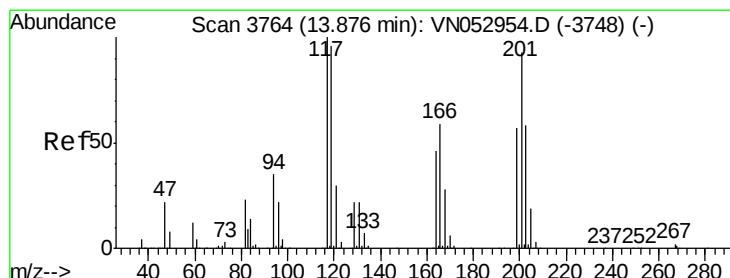
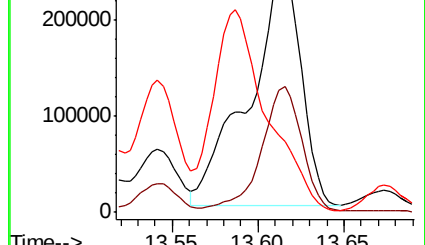
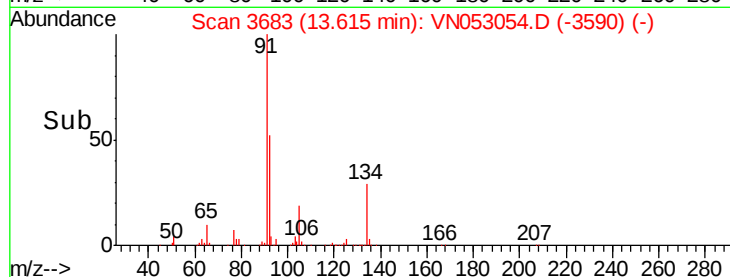


Abundance Ion 91.00 (90.70 to 91.70): VN052954.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN052954.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN052954.D (-3667) (-)

Time-->



#90

Hexachloroethane

Concen: 6.690 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053054.D

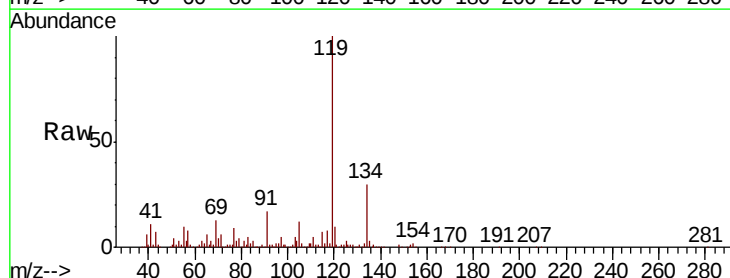
Acq: 20 Dec 2018 14:07

Tgt Ion: 117 Resp: 52610

Ion Ratio Lower Upper

117 100

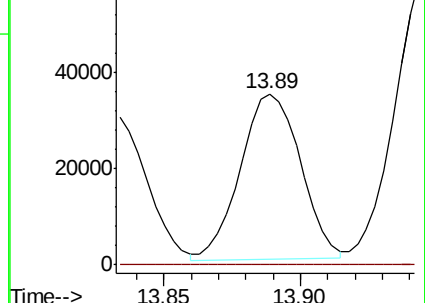
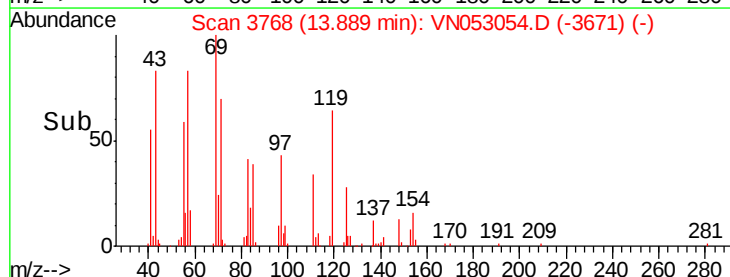
201 0.0 45.7 137.1#

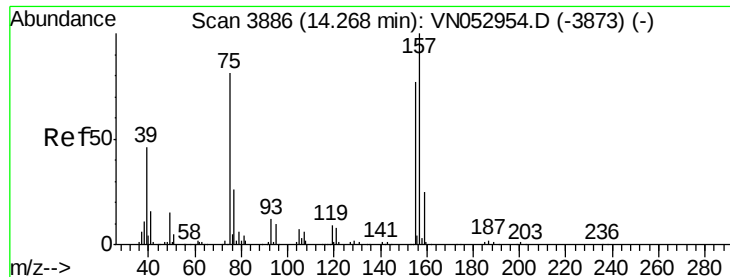


Abundance Ion 116.80 (116.50 to 117.50): VN052954.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN052954.D (-3748) (-)

Time-->

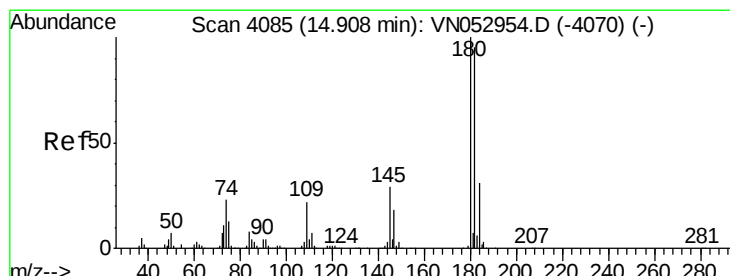
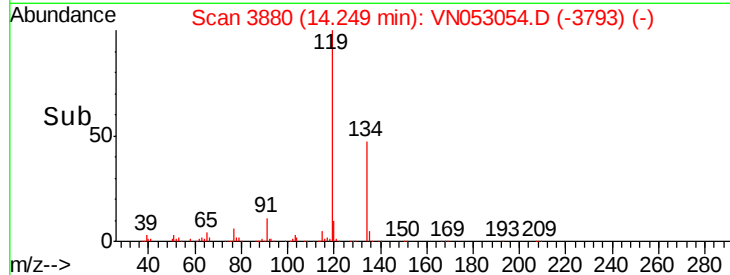
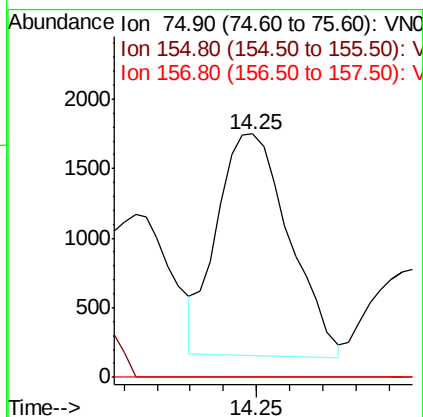
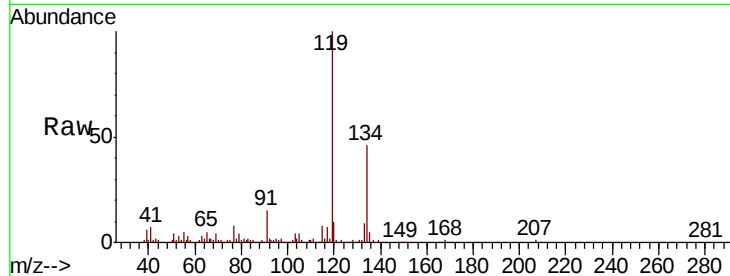




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.167 ug/l
 RT: 14.25 min Scan# 3880
 Delta R.T. -0.02 min
 Lab File: VN053054.D
 Acq: 20 Dec 2018 14:07

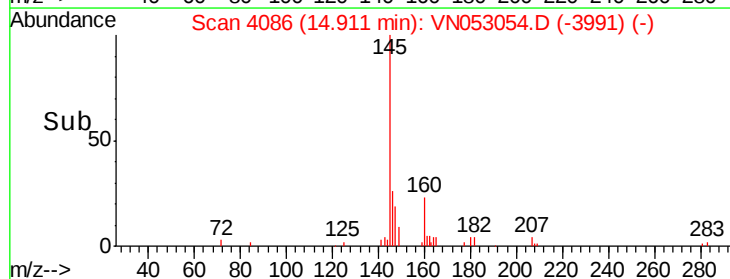
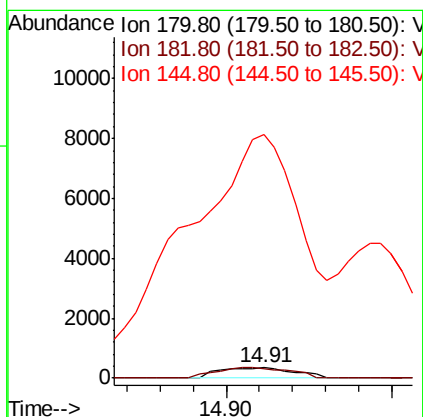
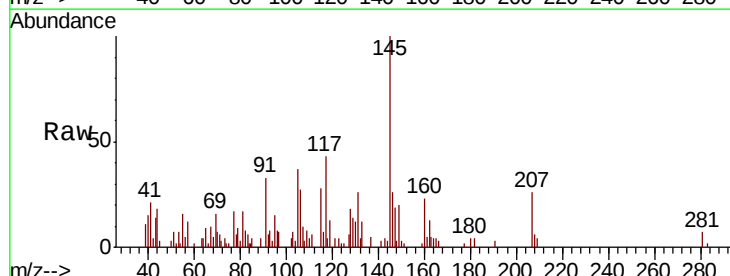
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-FD-1218DL

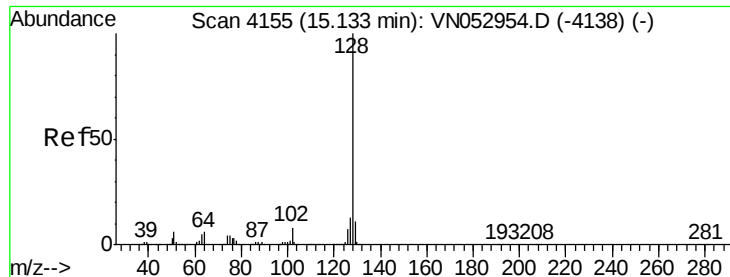
Tot Ion: 75 Resp: 2407
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.2 144.6#
 157 0.0 61.2 183.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.635 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053054.D
 Acq: 20 Dec 2018 14:07

Tgt Ion:180 Resp: 552
 Ion Ratio Lower Upper
 180 100
 182 98.9 47.8 143.3
 145 3674.1 14.2 42.6#





#95

Naphthalene

Concen: 2.039 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053054.D

Acq: 20 Dec 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-FD-1218DL

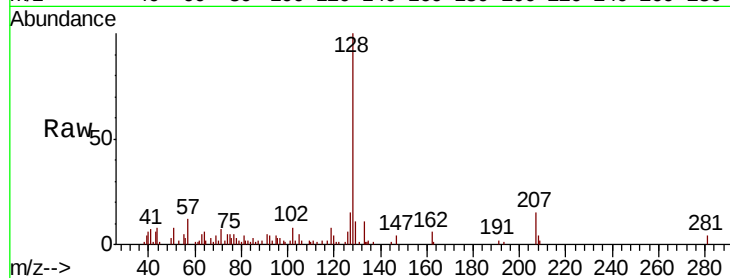
Tot Ion:128 Resp: 27900

Ion Ratio Lower Upper

128 100

127 14.7 10.2 15.4

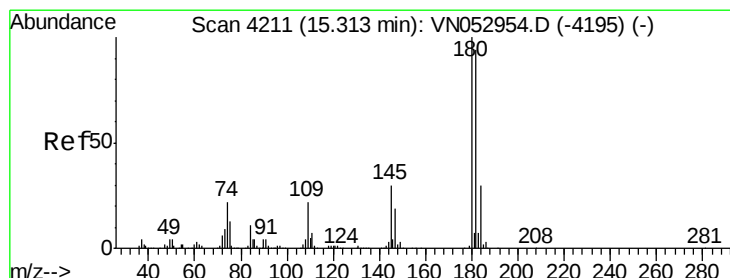
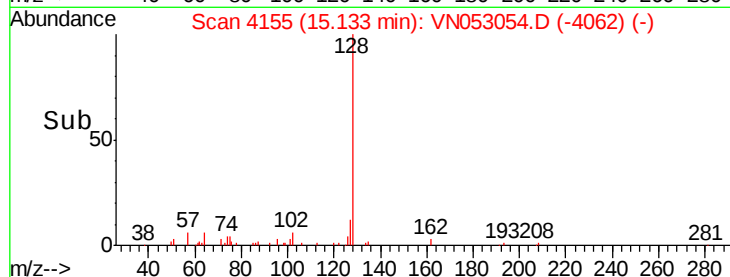
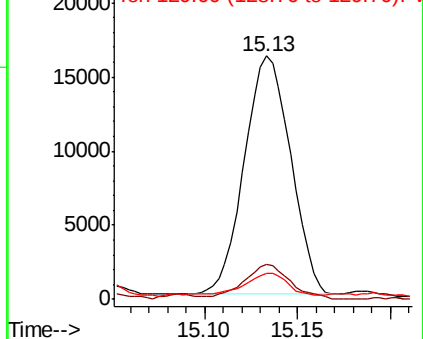
129 8.3 8.6 13.0#



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: 0.533 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053054.D

Acq: 20 Dec 2018 14:07

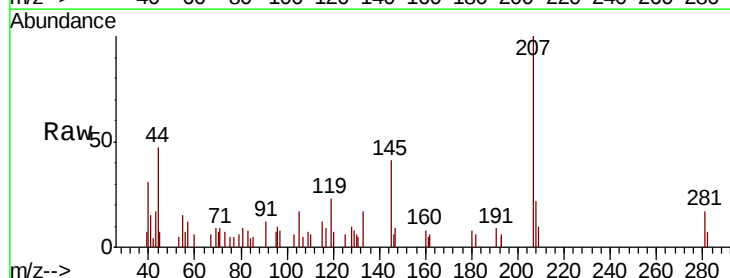
Tgt Ion:180 Resp: 315

Ion Ratio Lower Upper

180 100

182 76.5 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

