

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053055.D
 Acq On : 20 Dec 2018 14:34
 Operator : MD\SY
 Sample : J6411-03DL 100X
 Misc : 6.03g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 00:17:12 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	1375697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2106855	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1915983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	841604	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	669194	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
35) Dibromofluoromethane	7.59	113	554410	57.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.22%	
50) Toluene-d8	10.09	98	2570388	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.40	95	917462	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	

Target Compounds

						Qvalue
16) Acetone	3.82	43	2116	0.773	ug/l #	85
18) Methyl Acetate	4.33	43	3242	1.248	ug/l #	58
31) Cyclohexane	7.67	56	22256	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	89135	4.408	ug/l #	48
38) Carbon Tetrachloride	7.67	117	119913	6.469	ug/l #	15
43) Isopropyl Acetate	8.25	43	33529	0.501	ug/l #	53
55) 1,1,2-Trichloroethane	10.53	97	14875	1.144	ug/l #	20
56) Ethyl methacrylate	10.43	69	6136	0.356	ug/l #	17
59) 2-Hexanone	10.72	43	83055	11.229	ug/l #	28
67) Ethyl Benzene	11.51	91	52503	0.719	ug/l	99
68) m/p-Xylenes	11.62	106	6842	0.246	ug/l #	60
69) o-Xylene	11.95	106	5781	0.217	ug/l	86
71) Bromoform	12.41	173	4801	0.450	ug/l #	1
73) Isopropylbenzene	12.25	105	310944	4.722	ug/l	100
74) N-amyl acetate	12.04	43	324212	17.734	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.48	83	28057	2.172	ug/l #	93
76) 1,2,3-Trichloropropane	12.40	75	419452	29.607	ug/l #	100
78) n-propylbenzene	12.59	91	863833	11.519	ug/l	100
79) 2-Chlorotoluene	12.69	91	59783	1.286	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	508773	9.479	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	419452	95.425	ug/l #	13
82) 4-Chlorotoluene	12.73	91	54243	1.192	ug/l #	59
83) tert-Butylbenzene	12.99	119	60639	1.277	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	3374234	62.537	ug/l	100
85) sec-Butylbenzene	13.17	105	490921	7.646	ug/l #	76
86) p-Isopropyltoluene	13.29	119	417852	7.532	ug/l	99
89) n-Butylbenzene	13.62	91	543816	11.394	ug/l #	71
90) Hexachloroethane	13.89	117	66057	7.759	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.25	75	2999	1.343	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	477	0.627	ug/l #	1
95) Naphthalene	15.13	128	25117	1.888	ug/l	96
96) 1,2,3-Trichlorobenzene	15.31	180	283	0.529	ug/l #	1

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ALS Vial : 14 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 21 00:17:12 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

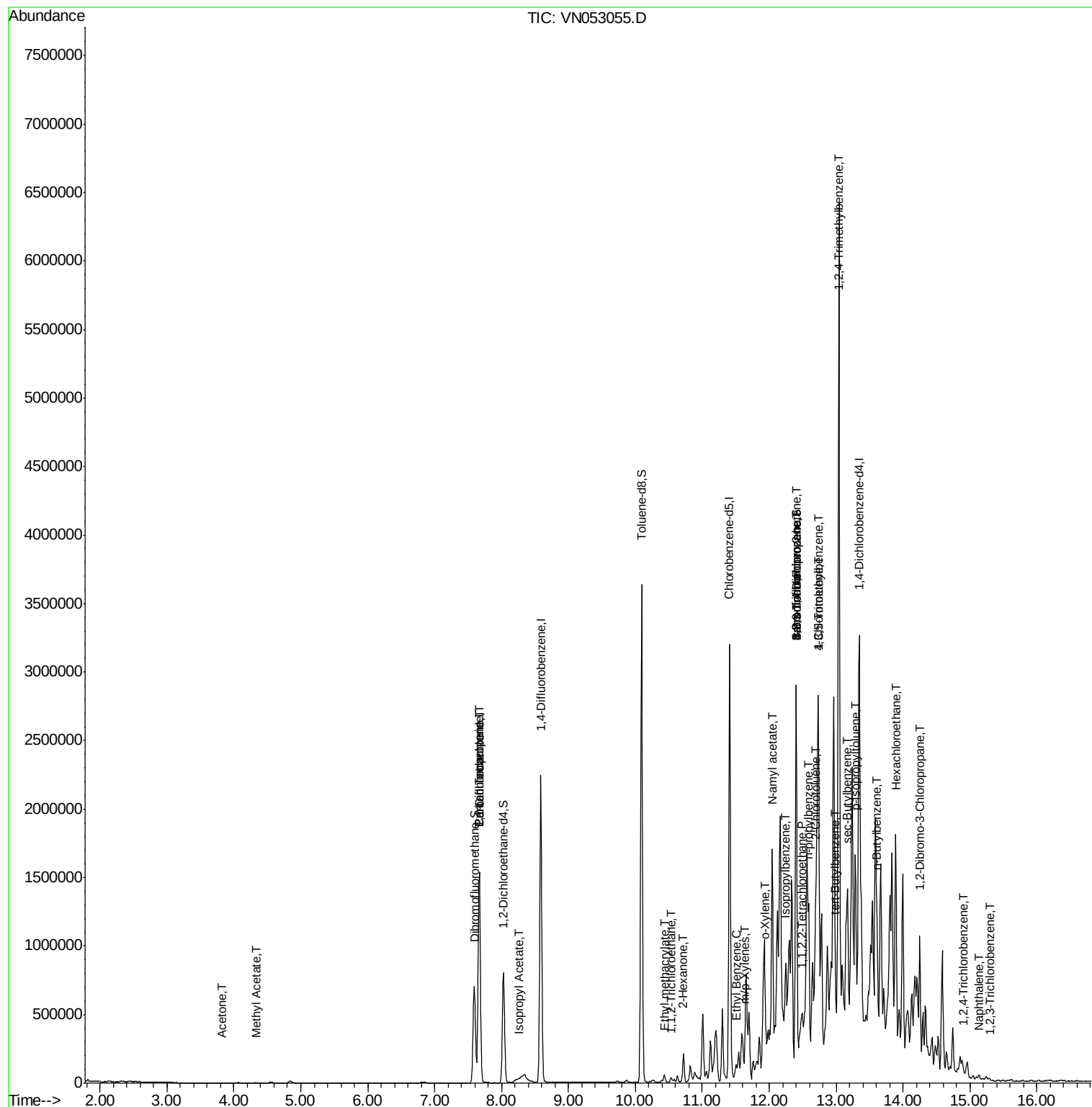
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

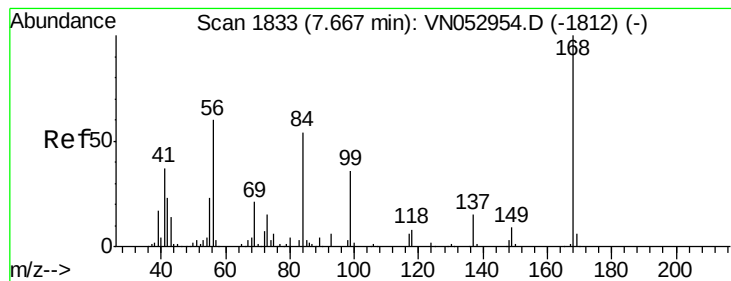
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122018\
Data File : VN053055.D
Acq On : 20 Dec 2018 14:34
Operator : MD\SY
Sample : J6411-03DL 100X
Misc : 6.03q/5mL/100uL/5.00mL/MSVOA_N/MEOH
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
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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: VN053055.D

Acq: 20 Dec 2018 14:34

Instrument :

MSVOA_N

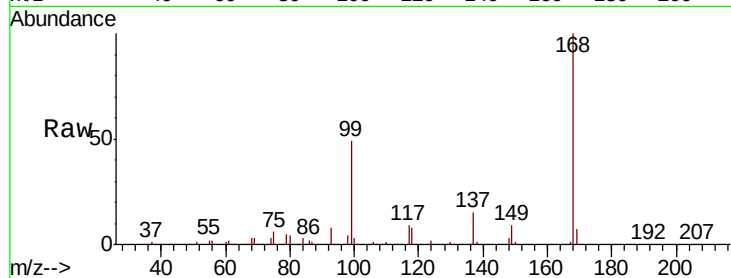
ClientSampleId :

Tot Ion:168 Resp: 1375697

Ion Ratio Lower Upper

168 100

99 49.1 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

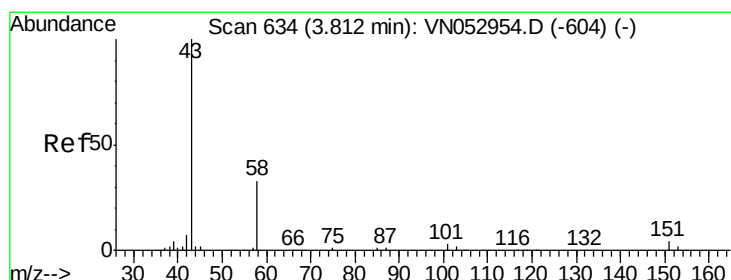
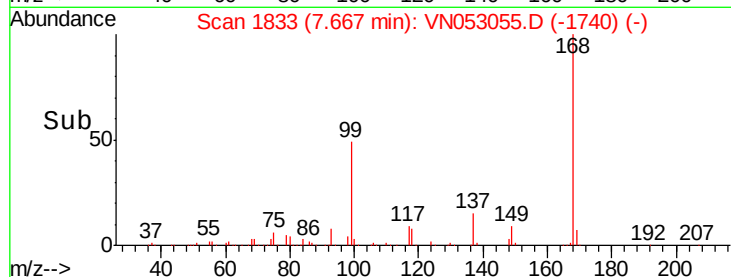
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 0.773 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053055.D

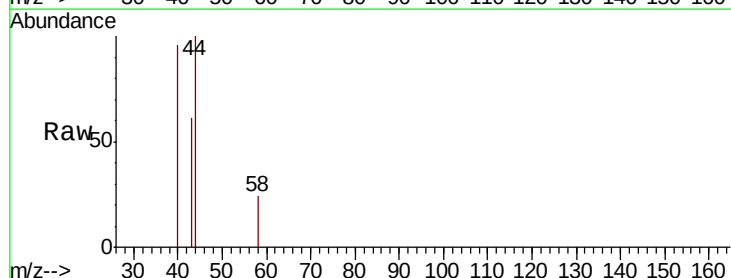
Acq: 20 Dec 2018 14:34

Tgt Ion: 43 Resp: 2116

Ion Ratio Lower Upper

43 100

58 39.9 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) (-)

3.82

800

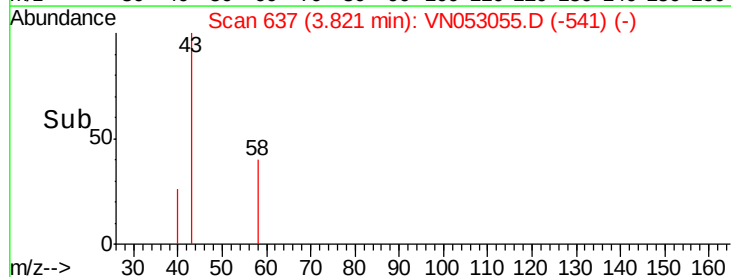
600

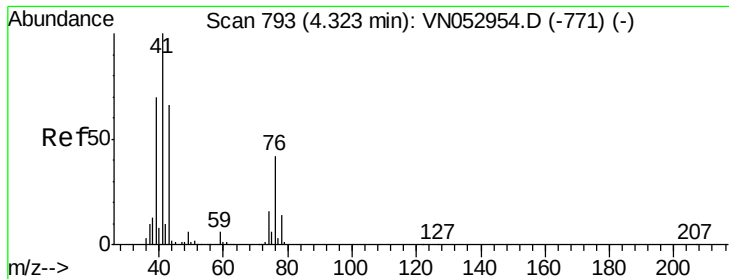
400

200

0

Time-->

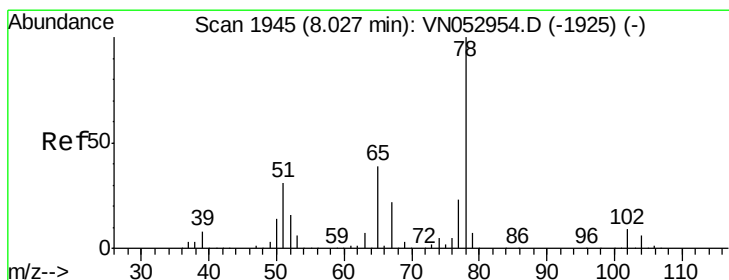
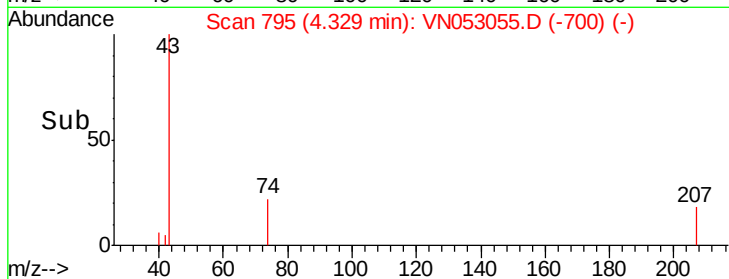
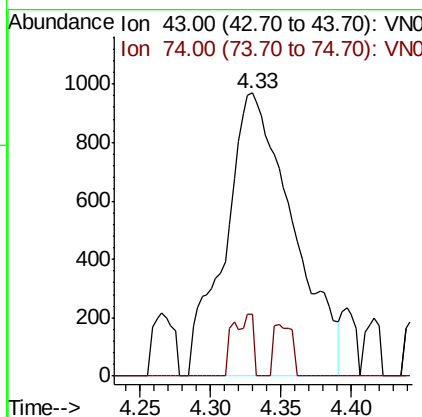
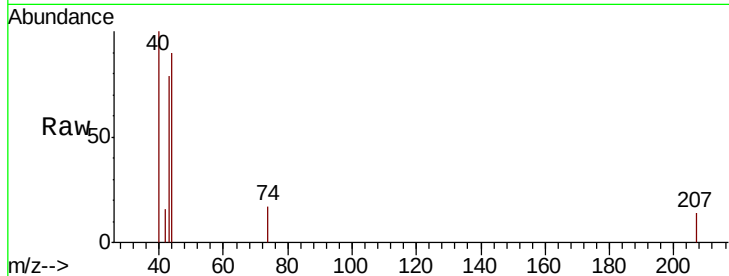




#18
Methyl Acetate
Concen: 1.248 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN053055.D
Acq: 20 Dec 2018 14:34

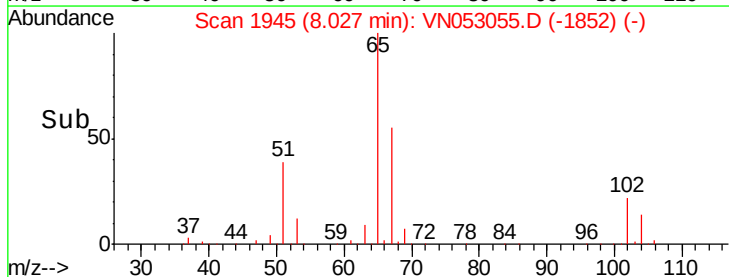
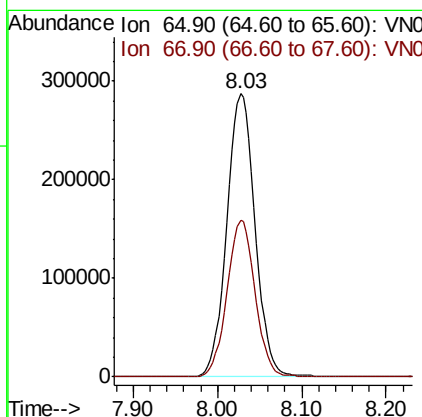
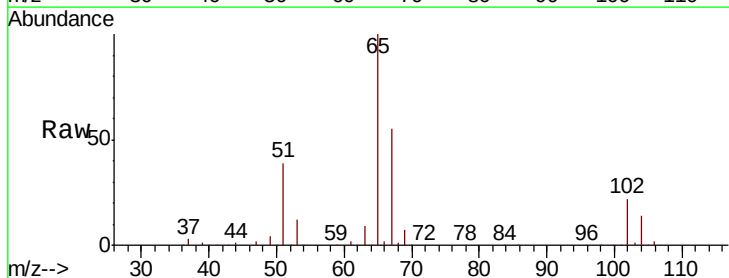
Instrument :
MSVOA_N
ClientSampled :

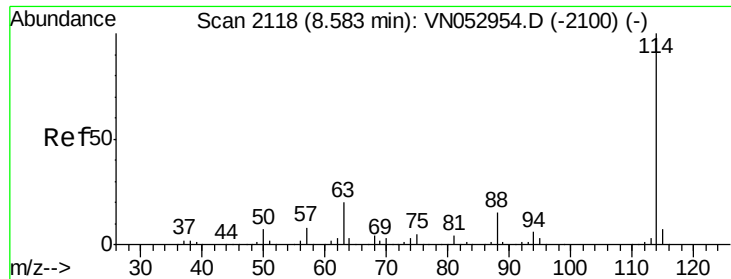
Tot Ion: 43 Resp: 3242
Ion Ratio Lower Upper
43 100
74 3.1 19.2 28.8#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053055.D
Acq: 20 Dec 2018 14:34

Tgt Ion: 65 Resp: 669194
Ion Ratio Lower Upper
65 100
67 55.0 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: VN053055.D

Acq: 20 Dec 2018 14:34

Instrument :

MSVOA_N

ClientSampleId :

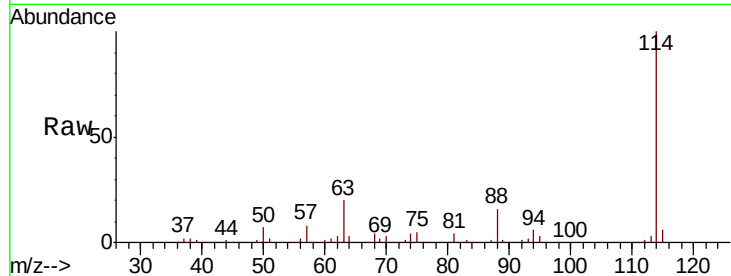
Tot Ion:114 Resp: 2106855

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.8

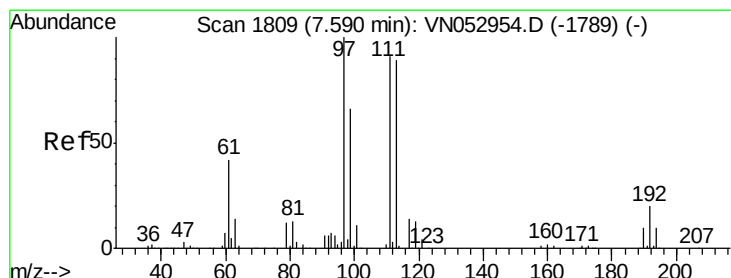
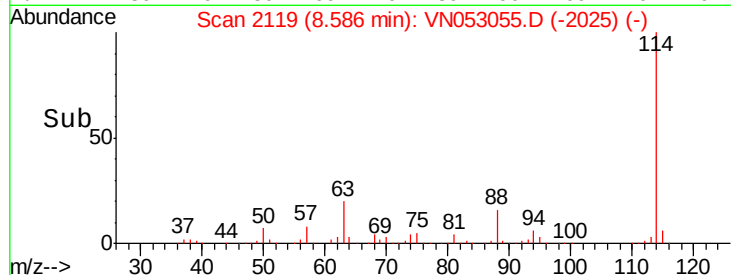
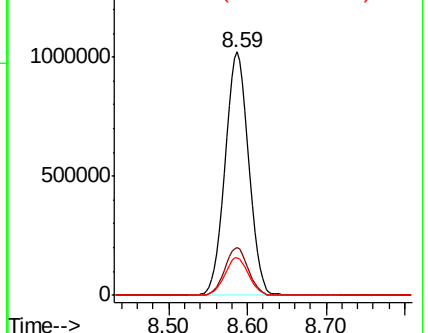
88 15.6 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053055.D

Acq: 20 Dec 2018 14:34

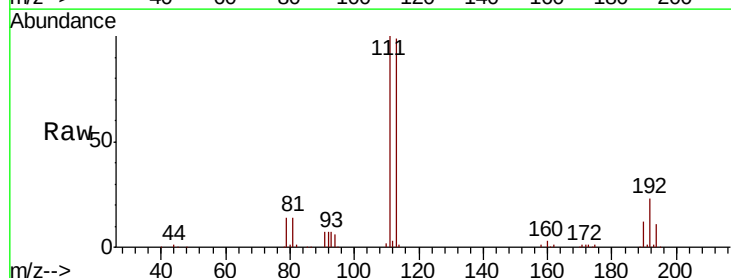
Tgt Ion:113 Resp: 554410

Ion Ratio Lower Upper

113 100

111 100.3 83.0 124.4

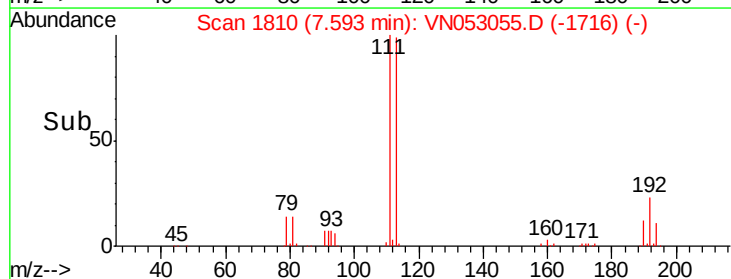
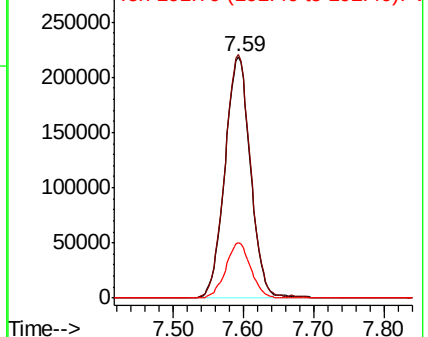
192 22.4 17.5 26.3

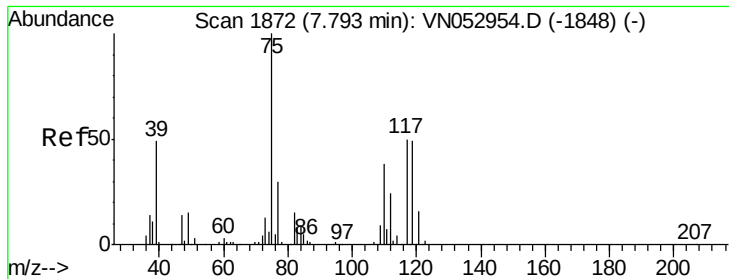


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

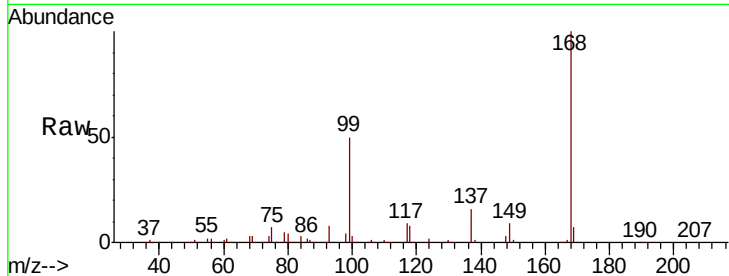




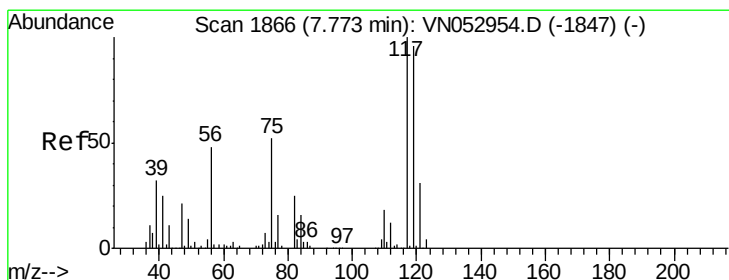
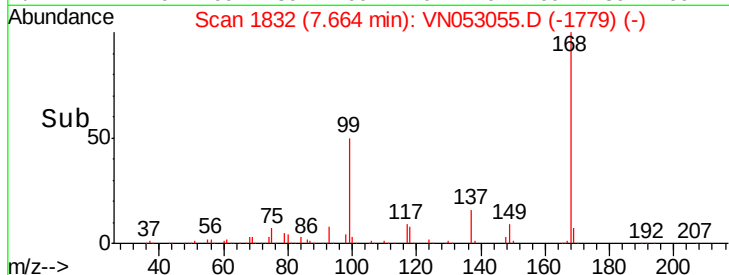
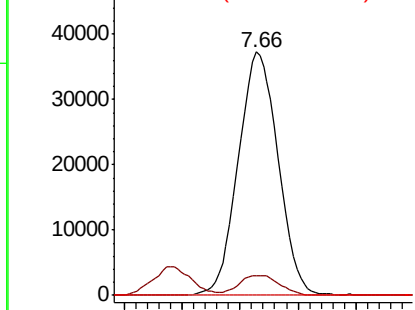
#36
 1,1-Dichloropropene
 Concen: 4.408 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053055.D
 Acq: 20 Dec 2018 14:34

Instrument :
 MSVOA_N
 ClientSampleId :

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

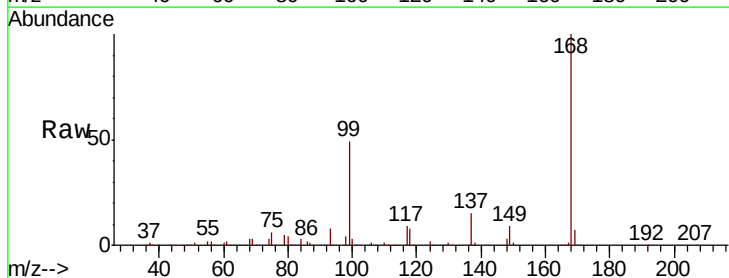


Abundance Ion 74.90 (74.60 to 75.60): VN052954.D (-1848) (-)
 Ion 109.90 (109.60 to 110.60): VN052954.D (-1848) (-)
 Ion 76.90 (76.60 to 77.60): VN052954.D (-1848) (-)

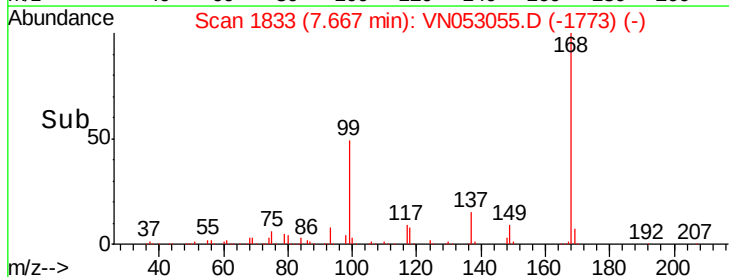
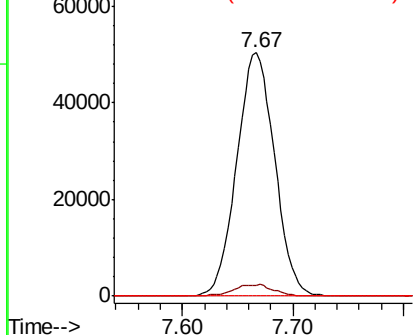


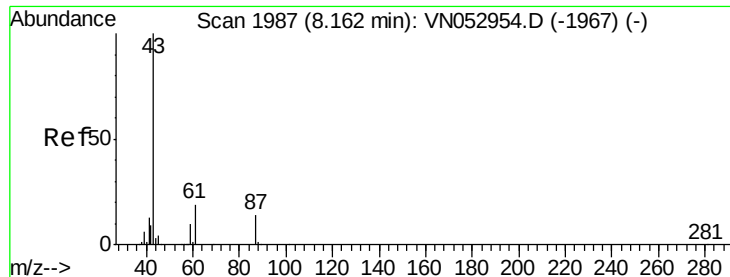
#38
 Carbon Tetrachloride
 Concen: 6.469 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN053055.D
 Acq: 20 Dec 2018 14:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	77.1	115.7#
121	0.0	24.9	37.3#



Abundance Ion 116.80 (116.50 to 117.50): VN052954.D (-1847) (-)
 Ion 118.80 (118.50 to 119.50): VN052954.D (-1847) (-)
 Ion 120.80 (120.50 to 121.50): VN052954.D (-1847) (-)





#43

Isopropyl Acetate

Concen: 0.501 ug/l

RT: 8.25 min Scan# 2013

Delta R.T. 0.08 min

Lab File: VN053055.D

Acq: 20 Dec 2018 14:34

Instrument :

MSVOA_N

ClientSampleId :

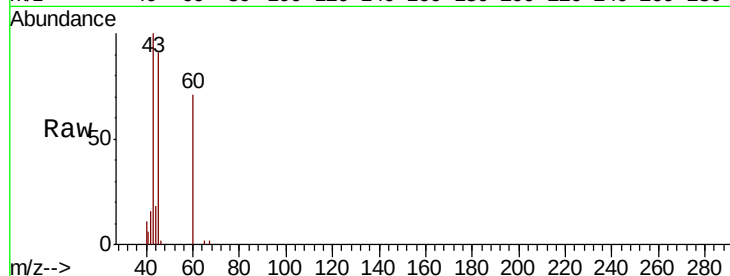
Tot Ion: 43 Resp: 33529

Ion Ratio Lower Upper

43 100

61 0.0 22.9 34.3#

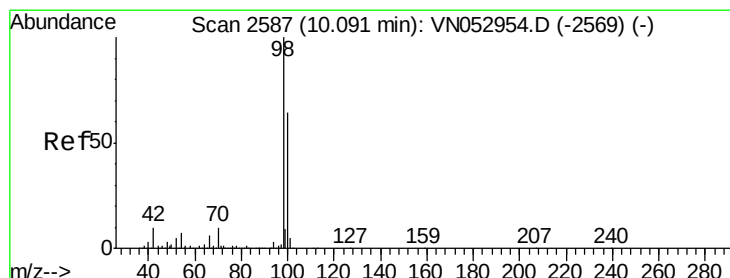
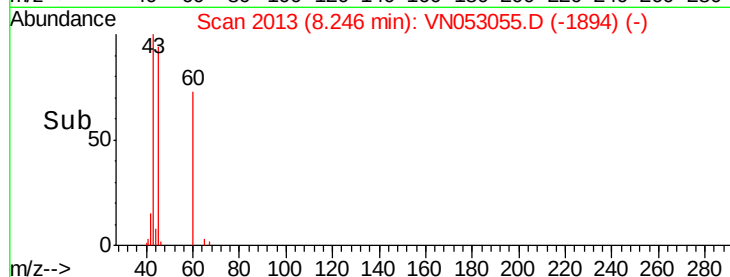
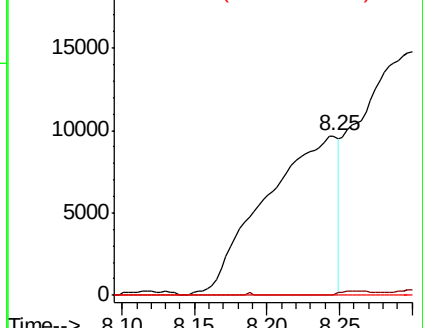
87 0.0 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN052954.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN052954.D (-1967) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053055.D

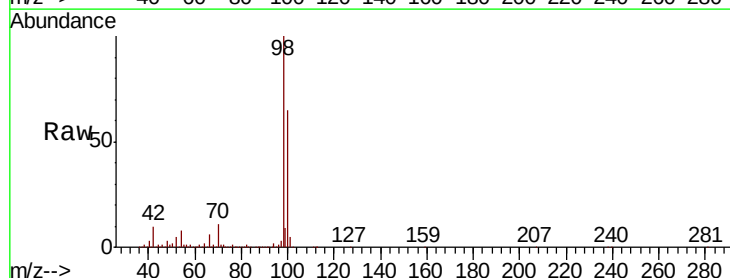
Acq: 20 Dec 2018 14:34

Tgt Ion: 98 Resp: 2570388

Ion Ratio Lower Upper

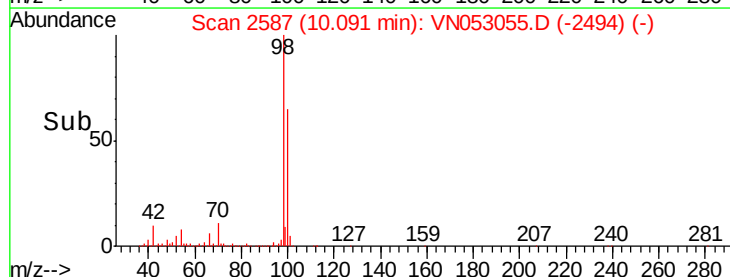
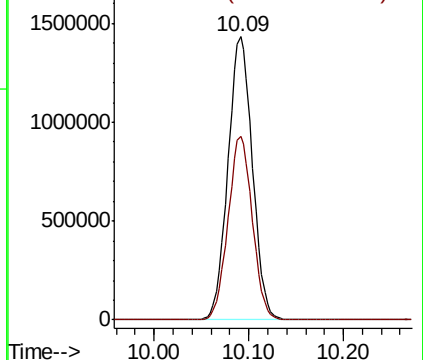
98 100

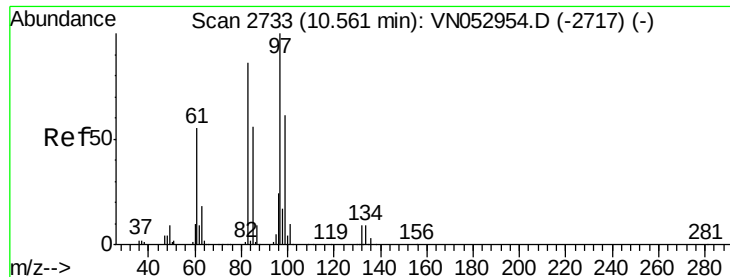
100 64.5 51.6 77.4



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

Ion 100.00 (99.70 to 100.70): VN052954.D (-2569) (-)

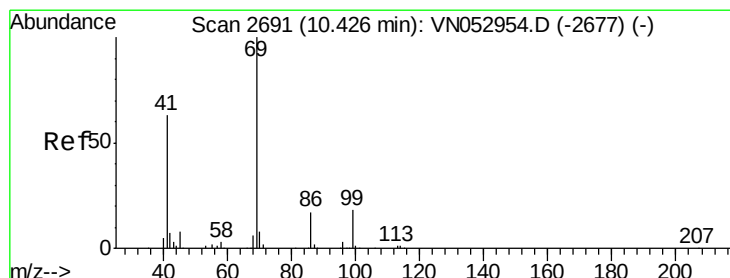
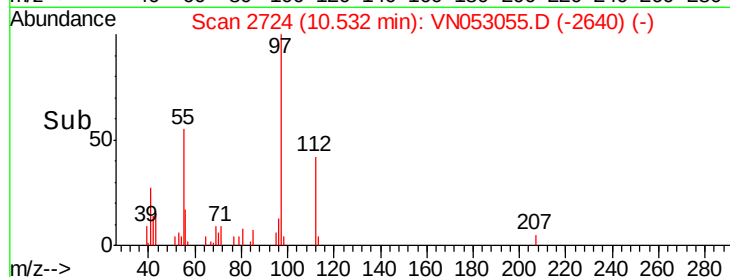
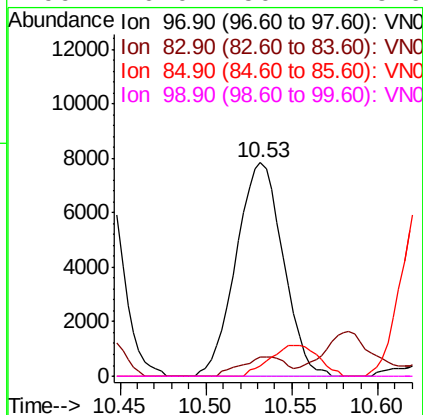
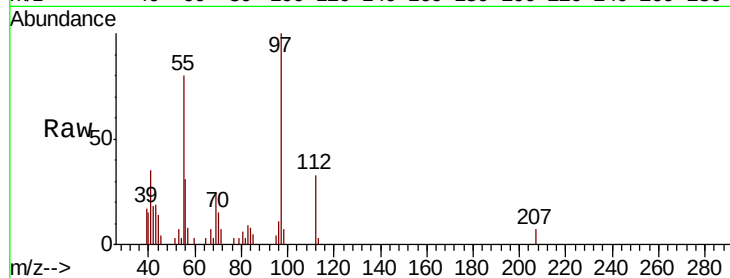




#55
 1,1,2-Trichloroethane
 Concen: 1.144 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.03 min
 Lab File: VN053055.D
 Acq: 20 Dec 2018 14:34

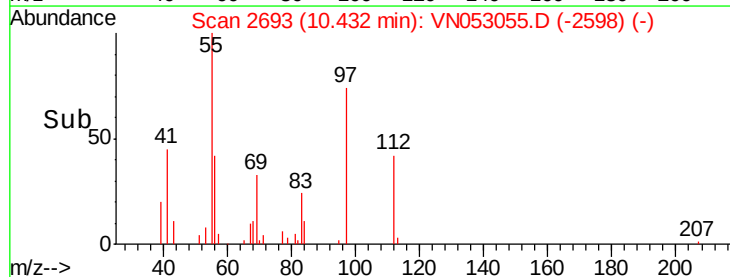
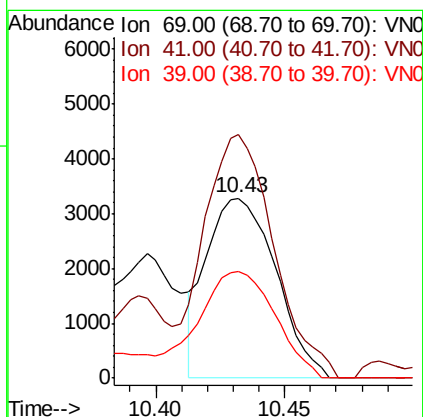
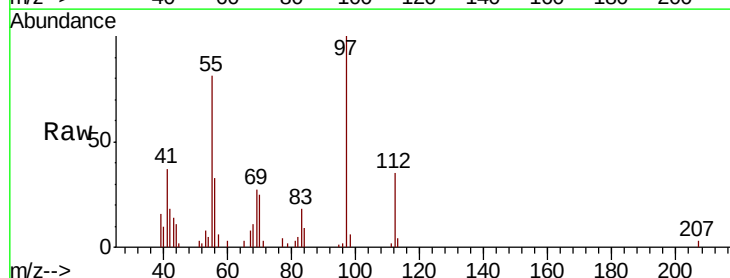
Instrument :
 MSVOA_N
 ClientSampleId :

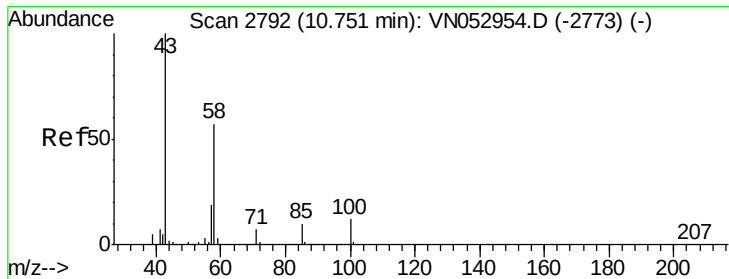
Tot Ion: 97 Resp: 14875
 Ion Ratio Lower Upper
 97 100
 83 8.8 70.9 106.3#
 85 4.9 45.4 68.2#
 99 0.0 50.4 75.6#



#56
 Ethyl methacrylate
 Concen: 0.356 ug/l
 RT: 10.43 min Scan# 2693
 Delta R.T. 0.01 min
 Lab File: VN053055.D
 Acq: 20 Dec 2018 14:34

Tgt Ion: 69 Resp: 6136
 Ion Ratio Lower Upper
 69 100
 41 137.3 51.7 77.5#
 39 66.0 24.6 37.0#

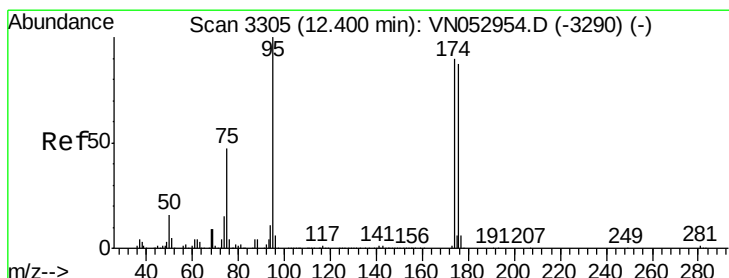
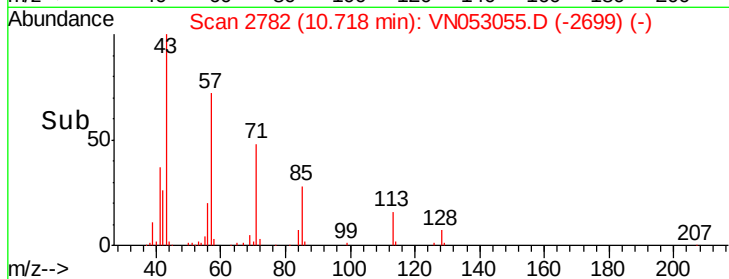
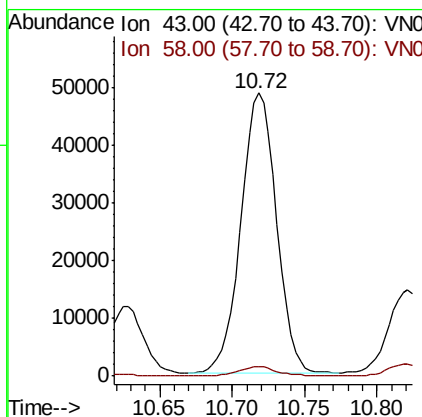
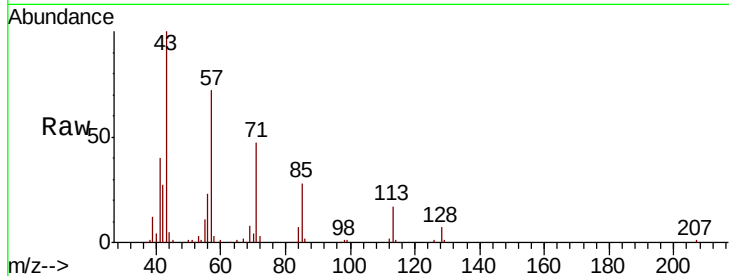




#59
2-Hexanone
Concen: 11.229 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN053055.D
Acq: 20 Dec 2018 14:34

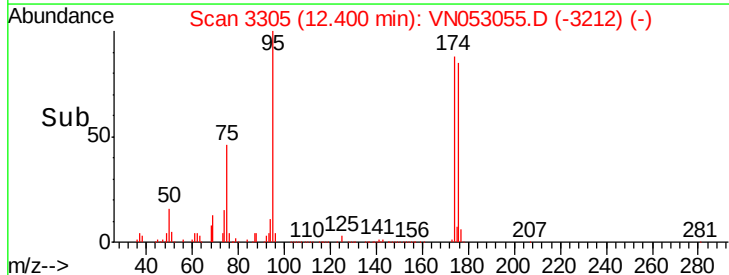
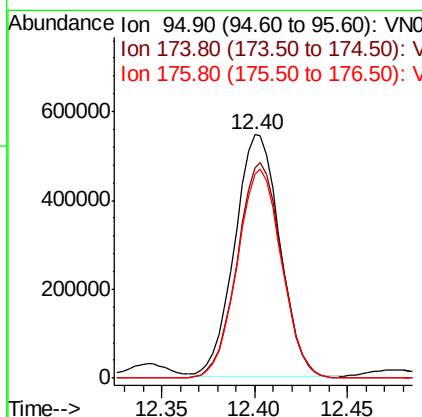
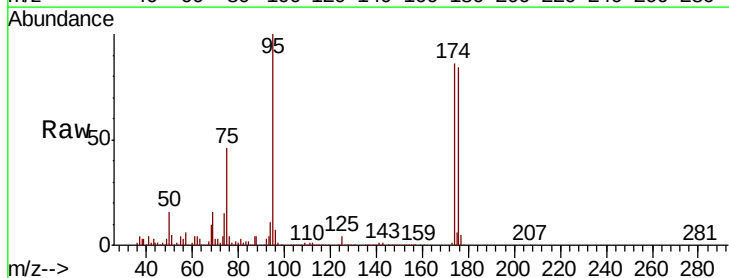
Instrument :
MSVOA_N
ClientSampled :

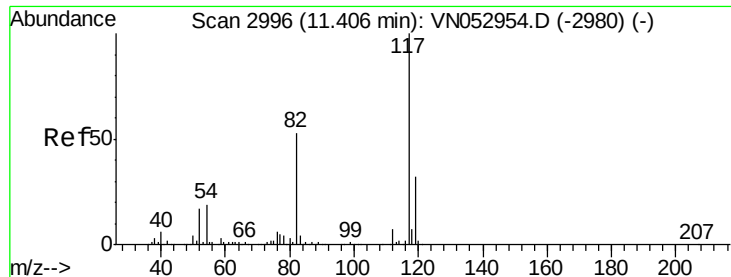
Tot Ion: 43 Resp: 83055
Ion Ratio Lower Upper
43 100
58 3.7 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053055.D
Acq: 20 Dec 2018 14:34

Tgt Ion: 95 Resp: 917462
Ion Ratio Lower Upper
95 100
174 88.1 0.0 178.8
176 85.3 0.0 173.8

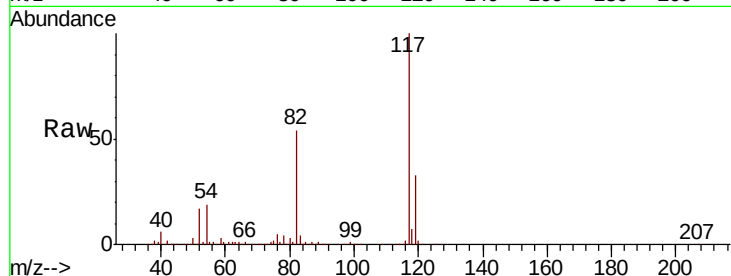




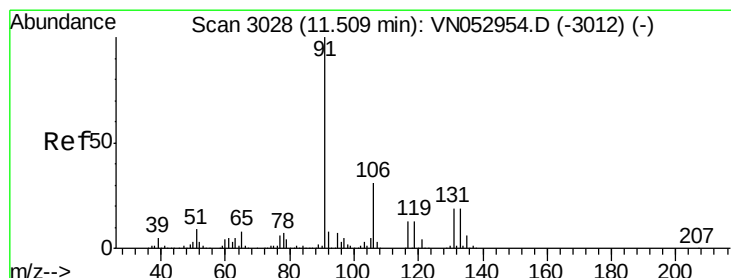
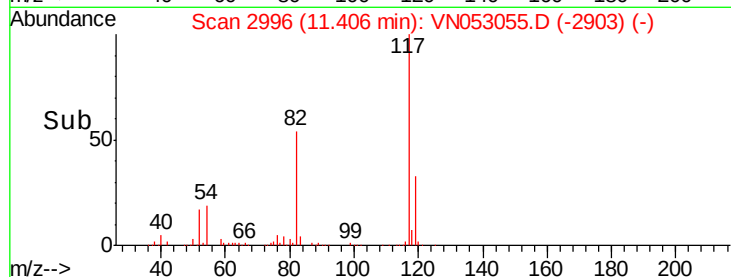
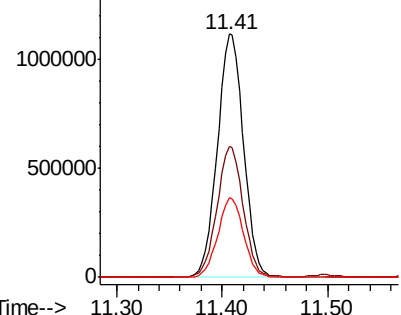
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053055.D
Acq: 20 Dec 2018 14:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 1915983
Ion Ratio Lower Upper
117 100
82 53.7 42.8 64.2
119 32.5 25.5 38.3

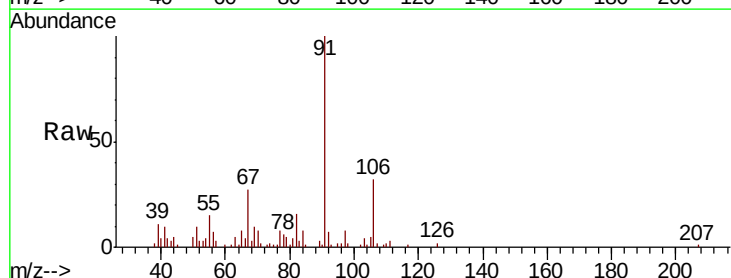


Abundance Ion 116.90 (116.60 to 117.60): V
1500000 Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

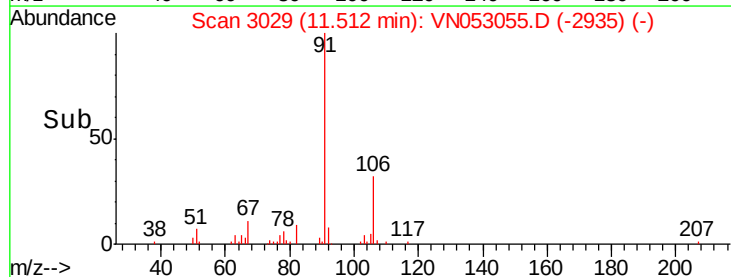
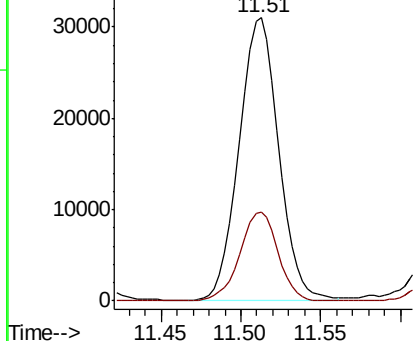


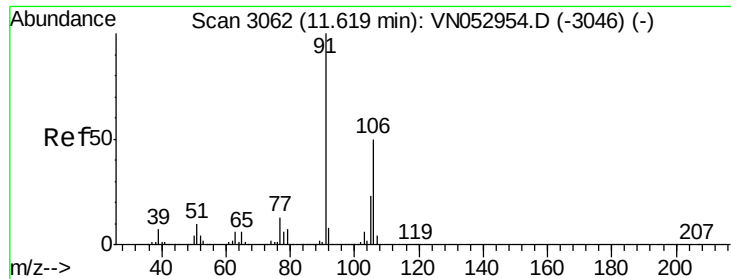
#67
Ethyl Benzene
Concen: 0.719 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053055.D
Acq: 20 Dec 2018 14:34

Tgt Ion: 91 Resp: 52503
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3



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

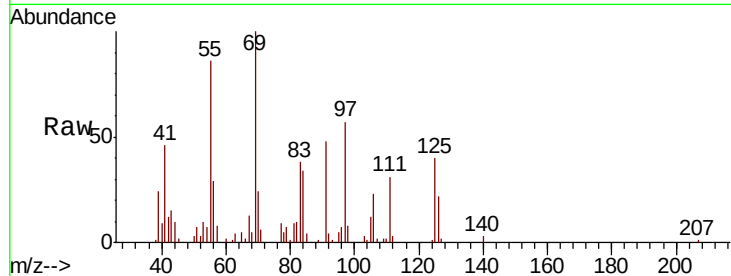




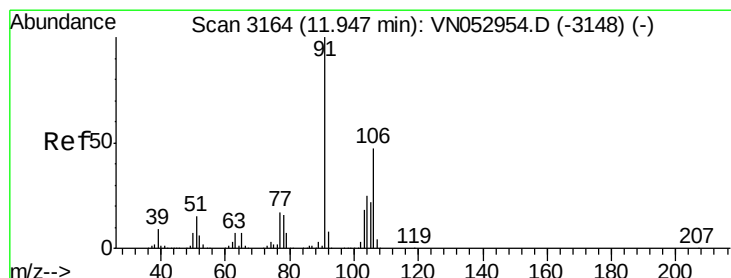
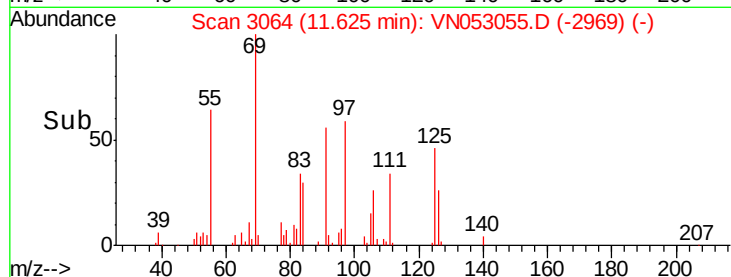
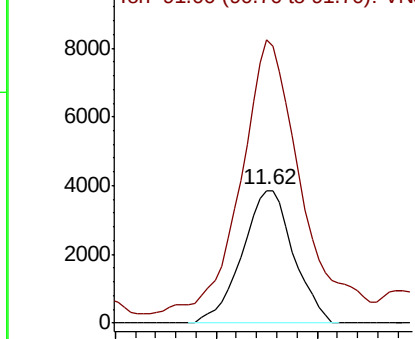
#68
m/p-Xylenes
Concen: 0.246 ug/l
RT: 11.62 min Scan# 3064
Delta R.T. 0.01 min
Lab File: VN053055.D
Acq: 20 Dec 2018 14:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 6842
Ion Ratio Lower Upper
106 100
91 264.3 162.2 243.4#

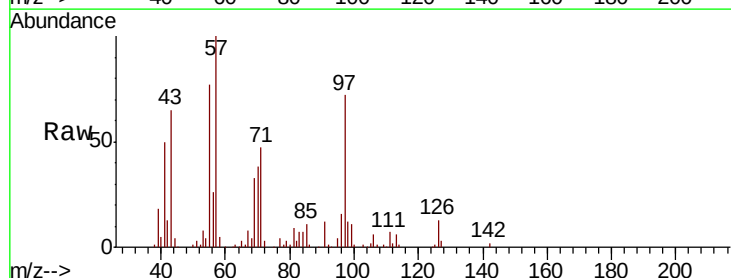


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

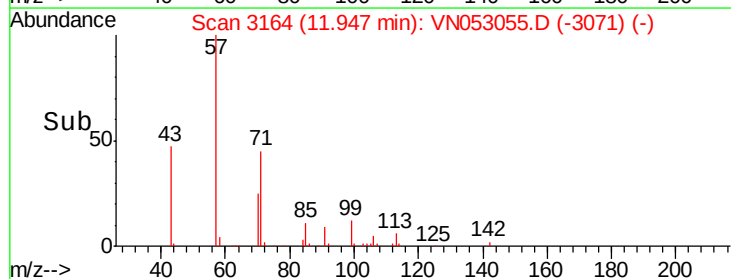
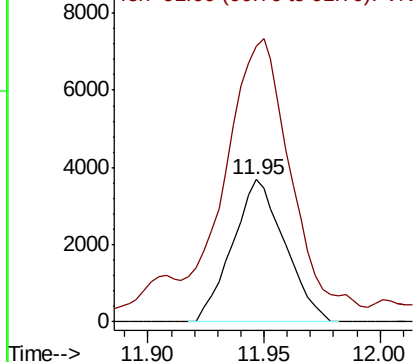


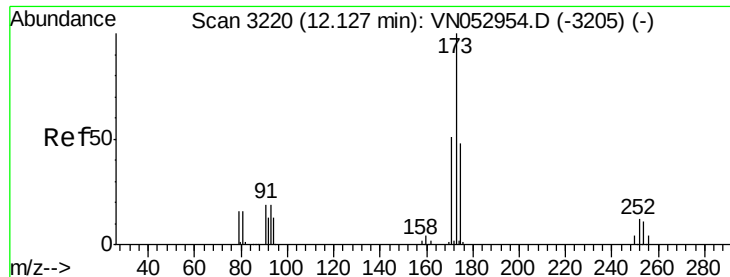
#69
o-Xylene
Concen: 0.217 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053055.D
Acq: 20 Dec 2018 14:34

Tgt Ion:106 Resp: 5781
Ion Ratio Lower Upper
106 100
91 234.6 106.6 319.8



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





#71

Bromoform

Concen: 0.450 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN053055.D

Acq: 20 Dec 2018 14:34

Instrument :

MSVOA_N

ClientSampleId :

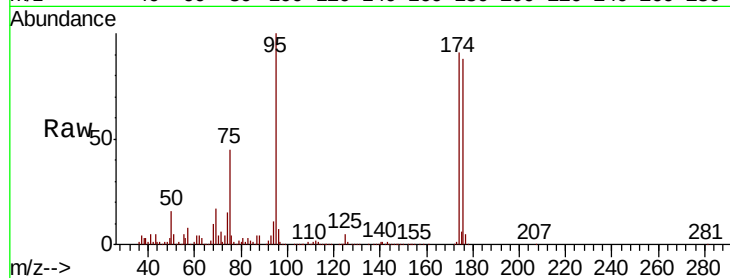
Tot Ion:173 Resp: 4801

Ion Ratio Lower Upper

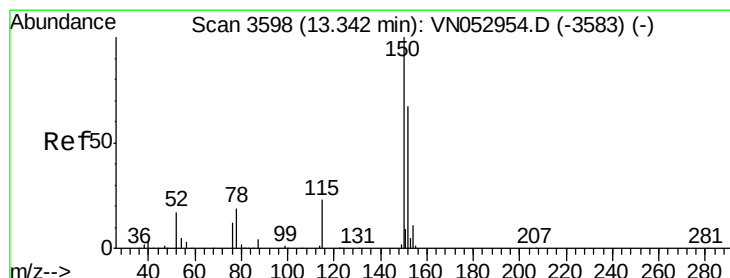
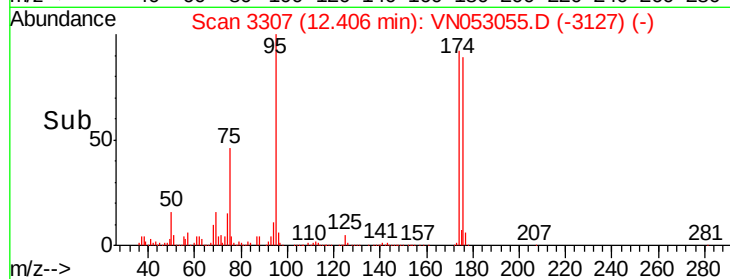
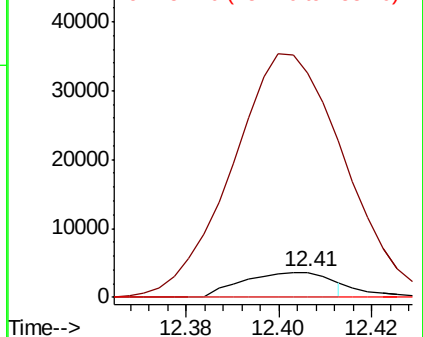
173 100

175 1066.5 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: VN053055.D

Acq: 20 Dec 2018 14:34

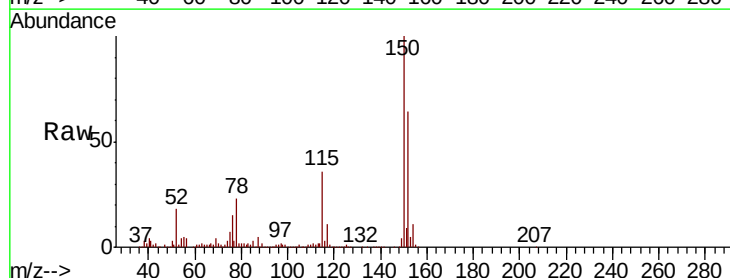
Tgt Ion:152 Resp: 841604

Ion Ratio Lower Upper

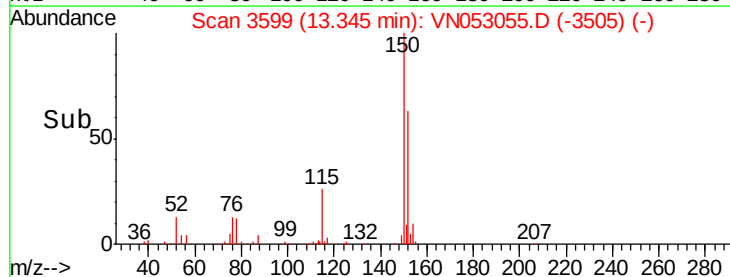
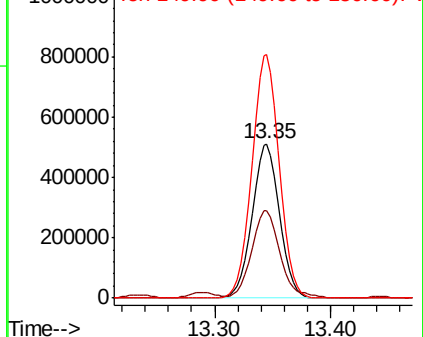
152 100

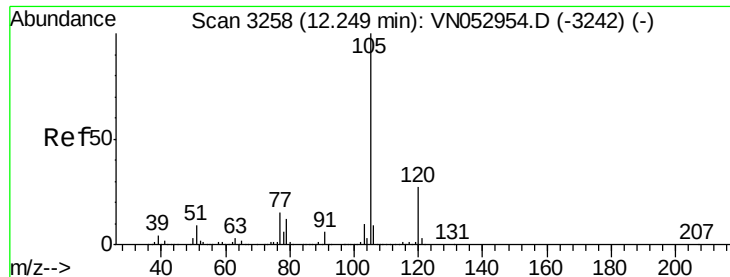
115 59.0 28.3 85.0

150 157.6 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: 4.722 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053055.D

Acq: 20 Dec 2018 14:34

Instrument :

MSVOA_N

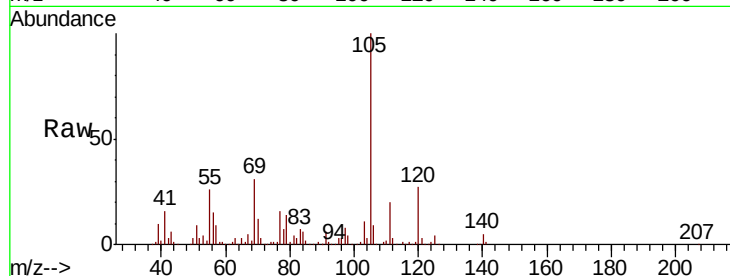
ClientSampleId :

Tot Ion:105 Resp: 310944

Ion Ratio Lower Upper

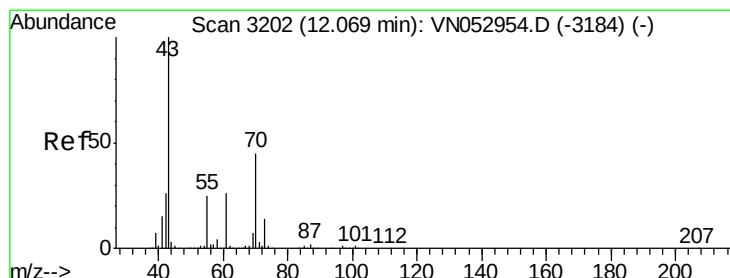
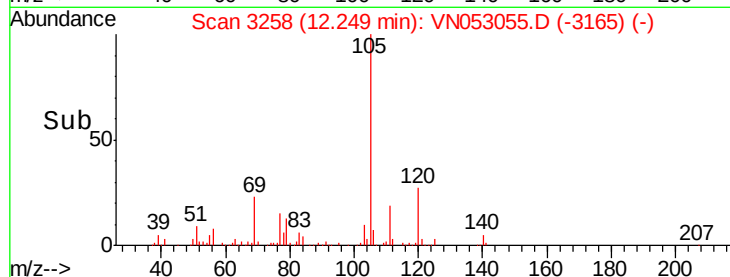
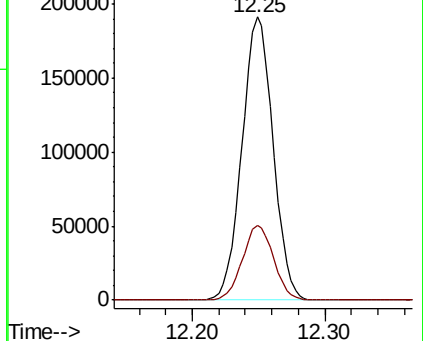
105 100

120 26.5 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-ethyl acetate

Concen: 17.734 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN053055.D

Acq: 20 Dec 2018 14:34

Tgt Ion: 43 Resp: 324212

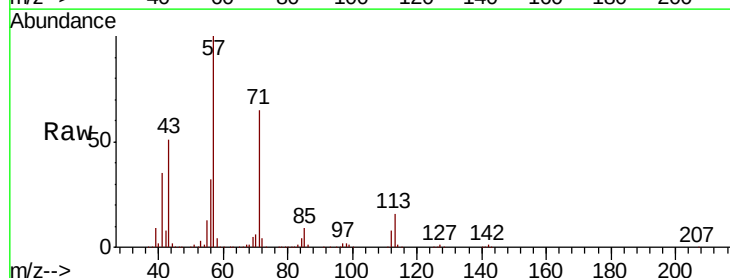
Ion Ratio Lower Upper

43 100

70 10.1 34.2 51.4#

55 21.2 20.3 30.5

61 0.0 20.0 30.0#

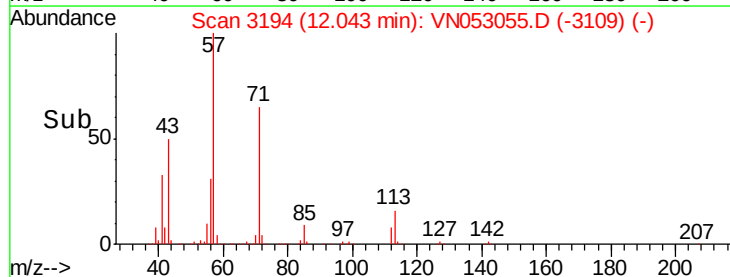
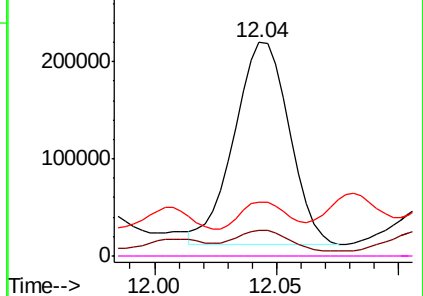


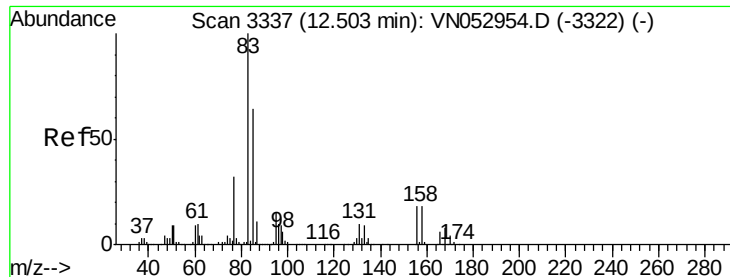
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 2.172 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.03 min

Lab File: VN053055.D

Acq: 20 Dec 2018 14:34

Instrument :

MSVOA_N

ClientSampleId :

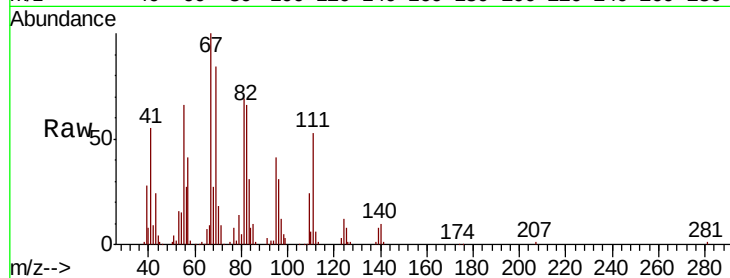
Tot Ion: 83 Resp: 28057

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

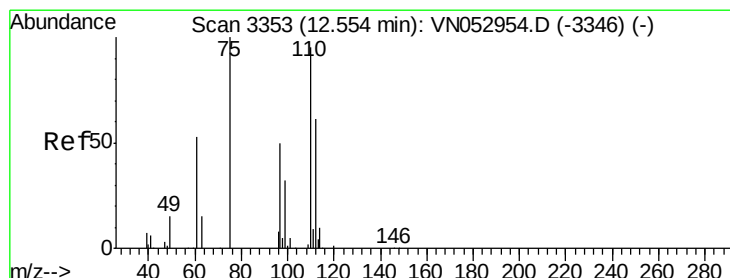
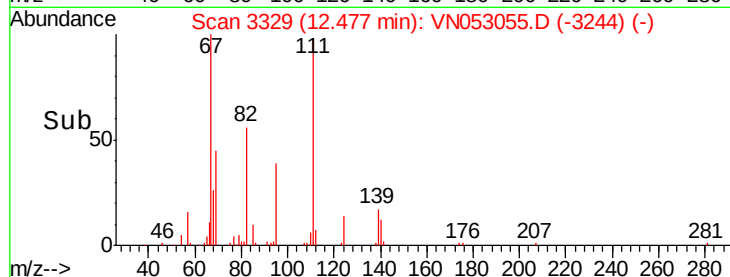
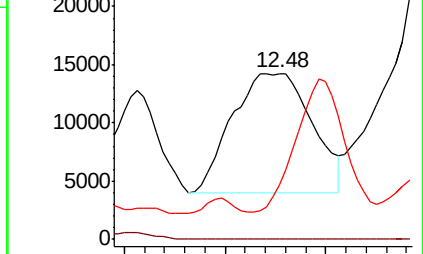
85 67.5 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN053055.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN053055.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN053055.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 29.607 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053055.D

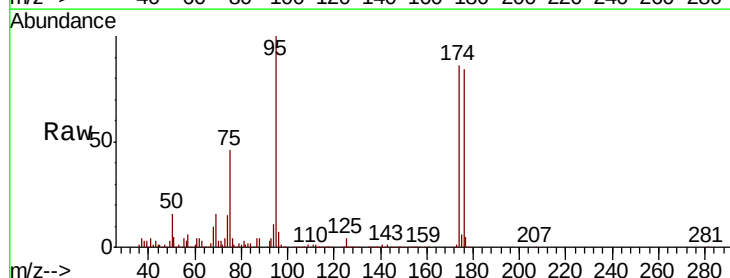
Acq: 20 Dec 2018 14:34

Tgt Ion: 75 Resp: 419452

Ion Ratio Lower Upper

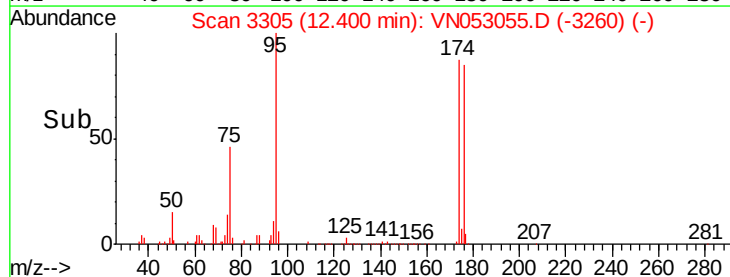
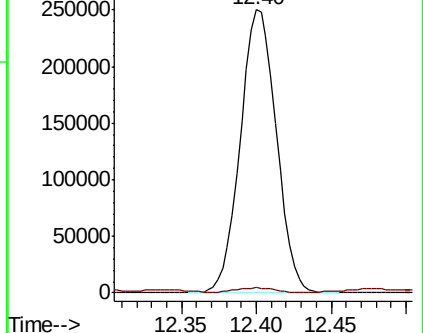
75 100

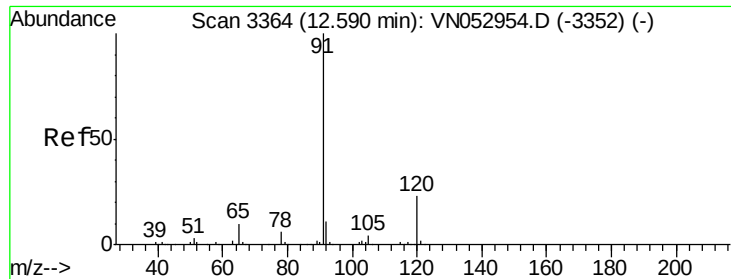
77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN053055.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN053055.D (-3260) (-)

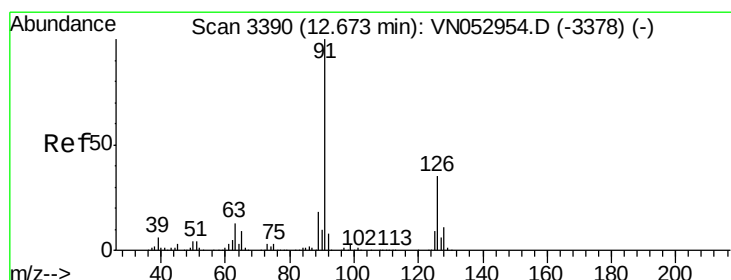
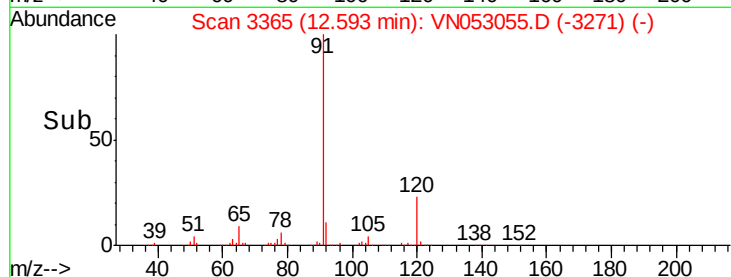
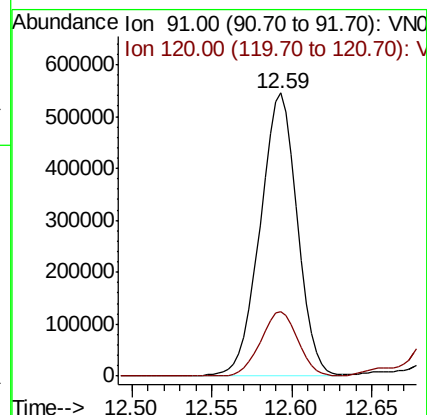
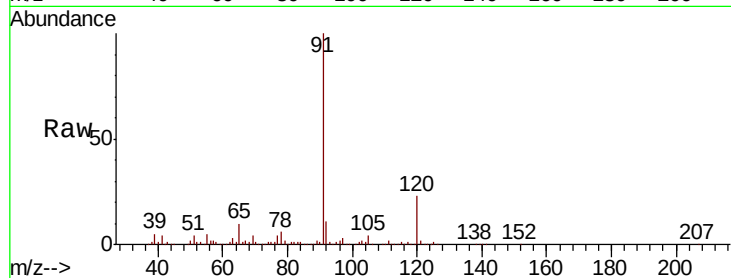




#78
n-propylbenzene
Concen: 11.519 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN053055.D
Acq: 20 Dec 2018 14:34

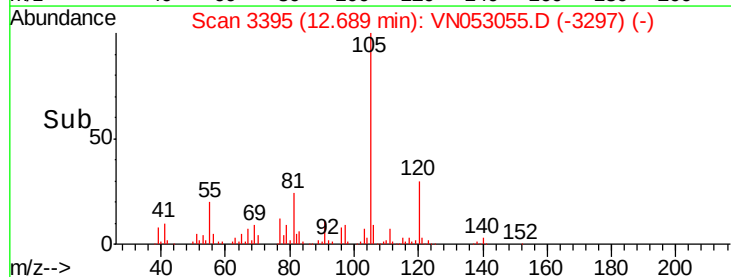
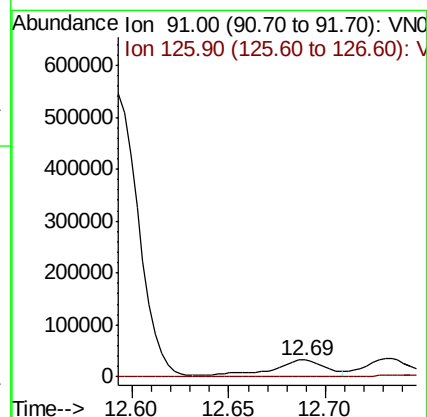
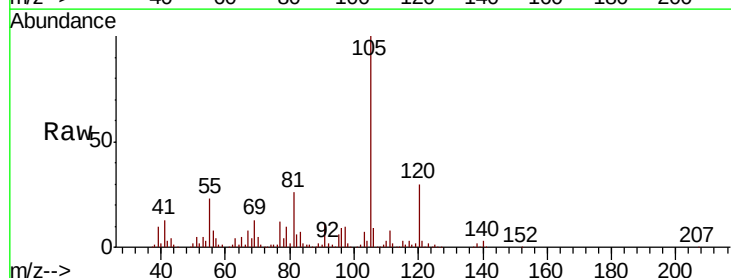
Instrument :
MSVOA_N
ClientSampled :

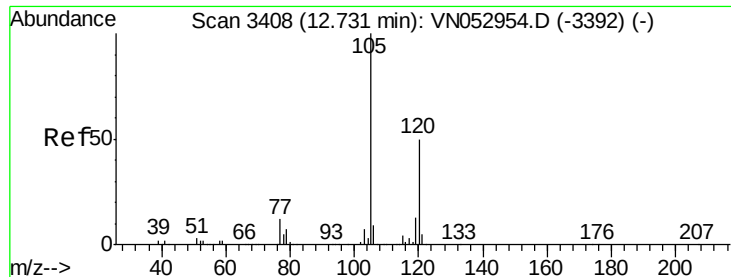
Tot Ion: 91 Resp: 863833
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.5



#79
2-Chlorotoluene
Concen: 1.286 ug/l
RT: 12.69 min Scan# 3395
Delta R.T. 0.02 min
Lab File: VN053055.D
Acq: 20 Dec 2018 14:34

Tgt Ion: 91 Resp: 59783
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.3#





#80

1,3,5-Trimethylbenzene

Concen: 9.479 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053055.D

Acq: 20 Dec 2018 14:34

Instrument :

MSVOA_N

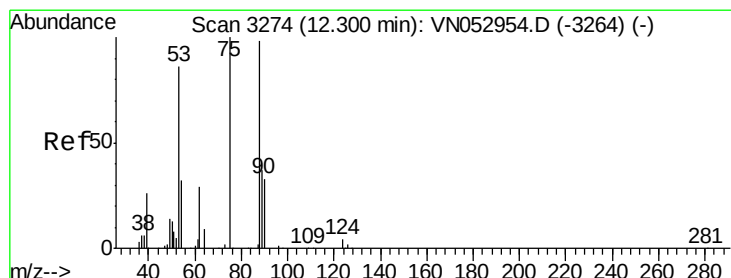
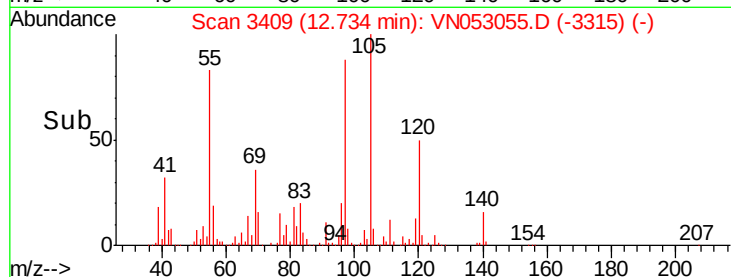
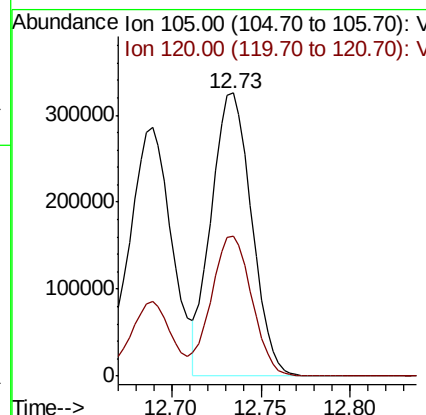
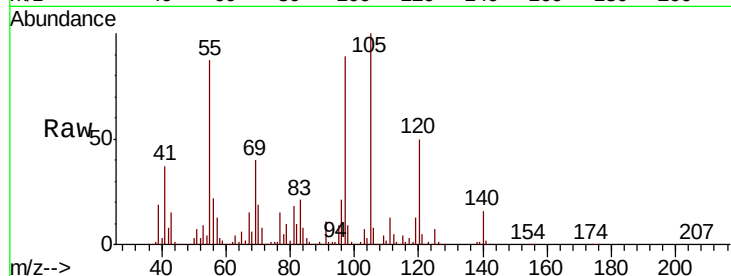
ClientSampled :

Tot Ion:105 Resp: 508773

Ion Ratio Lower Upper

105 100

120 50.3 24.4 73.2



#81

trans-1,4-Dichloro-2-butene

Concen: 95.425 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053055.D

Acq: 20 Dec 2018 14:34

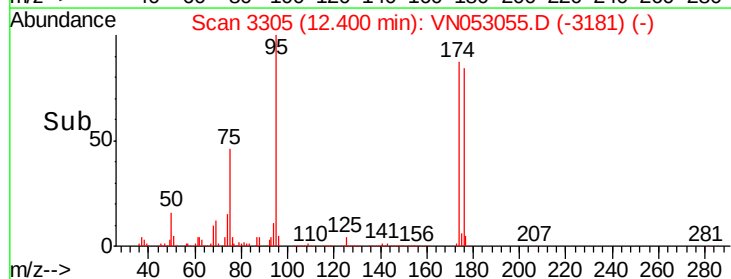
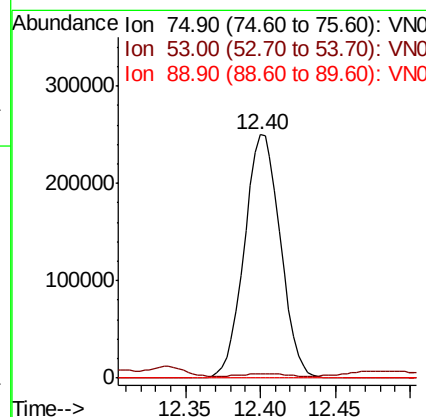
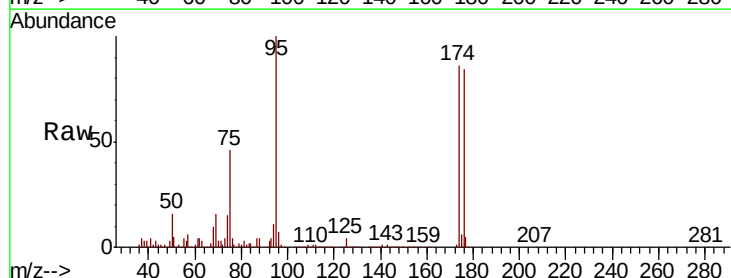
Tgt Ion: 75 Resp: 419452

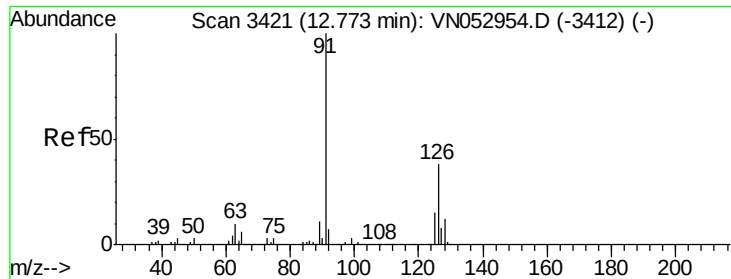
Ion Ratio Lower Upper

75 100

53 1.1 74.7 112.1#

89 0.0 36.1 54.1#





#82

4-Chlorotoluene

Concen: 1.192 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN053055.D

Acq: 20 Dec 2018 14:34

Instrument :

MSVOA_N

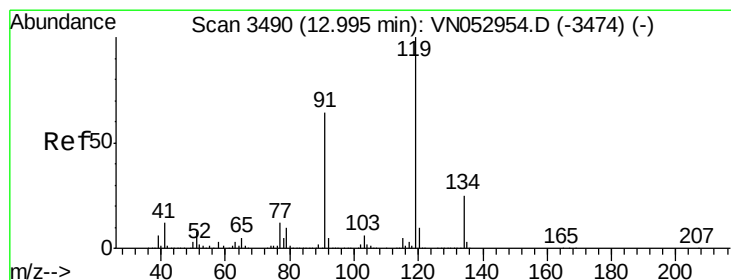
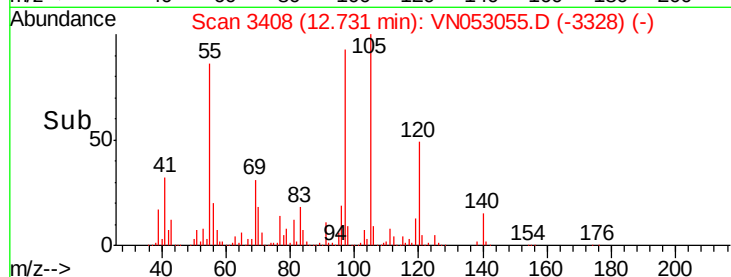
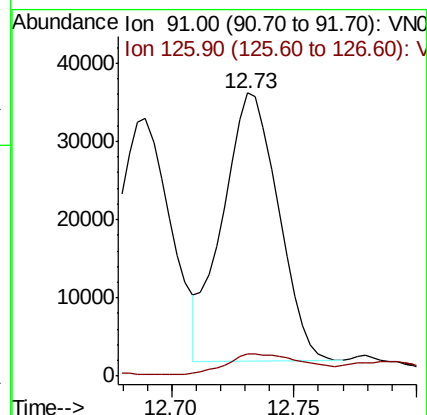
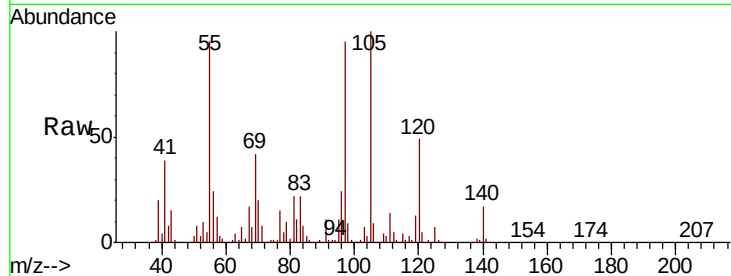
ClientSampleId :

Tot Ion: 91 Resp: 54243

Ion Ratio Lower Upper

91 100

126 11.0 17.3 51.7#



#83

tert-Butylbenzene

Concen: 1.277 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN053055.D

Acq: 20 Dec 2018 14:34

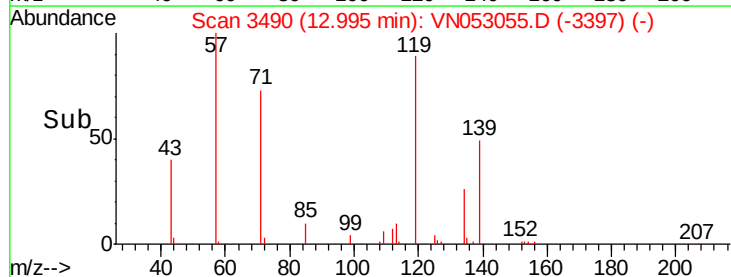
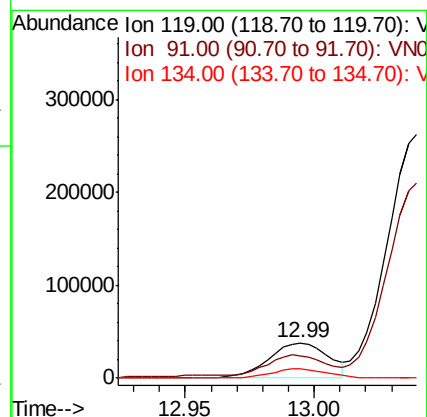
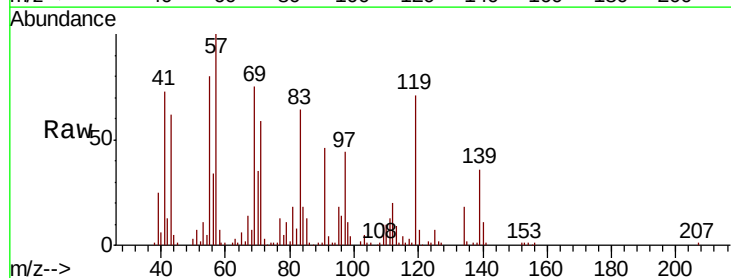
Tgt Ion: 119 Resp: 60639

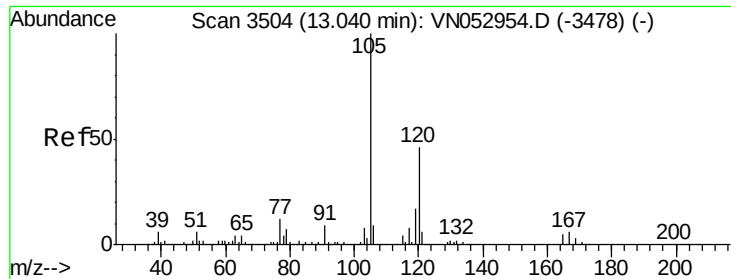
Ion Ratio Lower Upper

119 100

91 69.3 31.9 95.5

134 25.3 12.8 38.4





#84

1,2,4-Trimethylbenzene

Concen: 62.537 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN053055.D

Acq: 20 Dec 2018 14:34

Instrument :

MSVOA_N

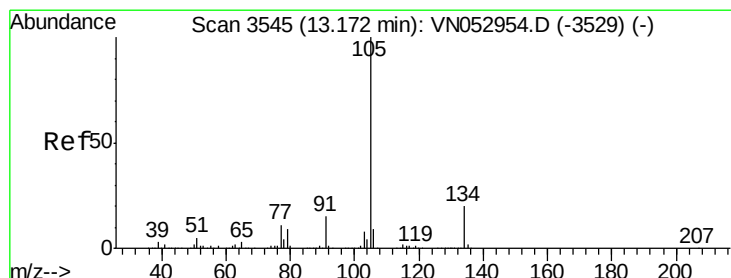
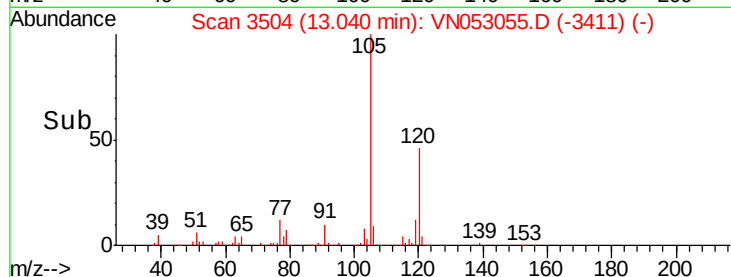
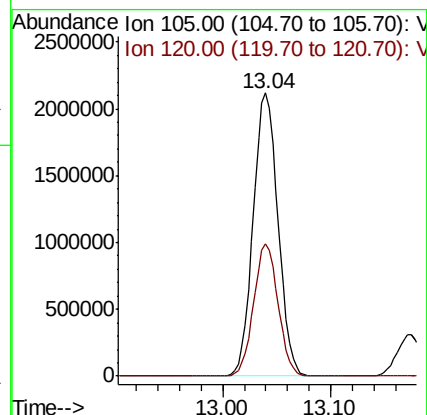
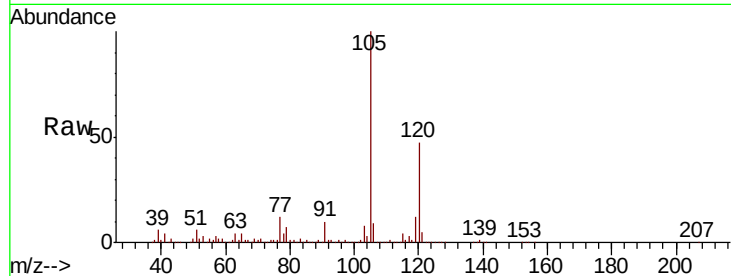
ClientSampled :

Tot Ion:105 Resp: 3374234

Ion Ratio Lower Upper

105 100

120 46.1 22.9 68.8



#85

sec-Butylbenzene

Concen: 7.646 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN053055.D

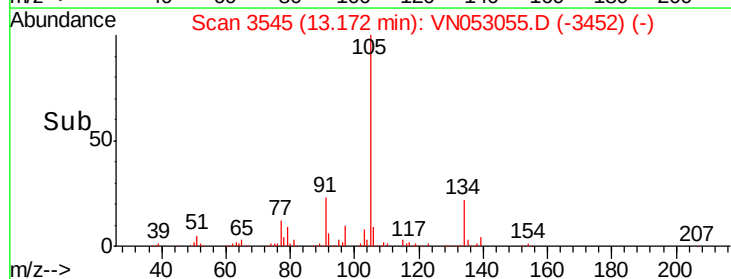
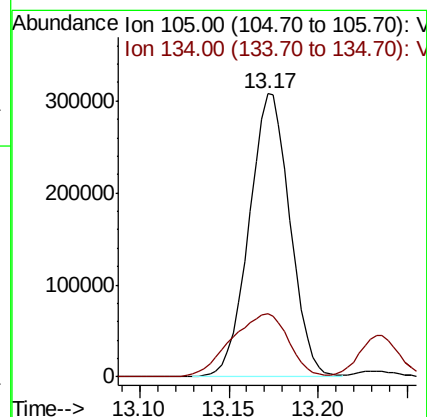
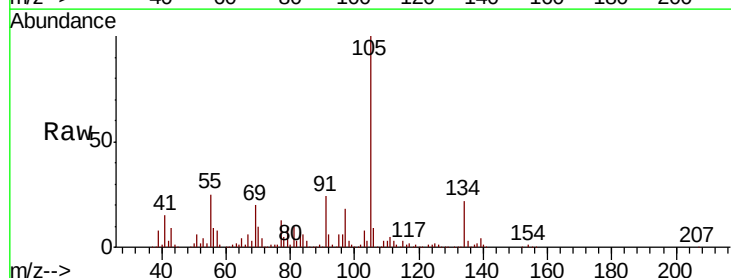
Acq: 20 Dec 2018 14:34

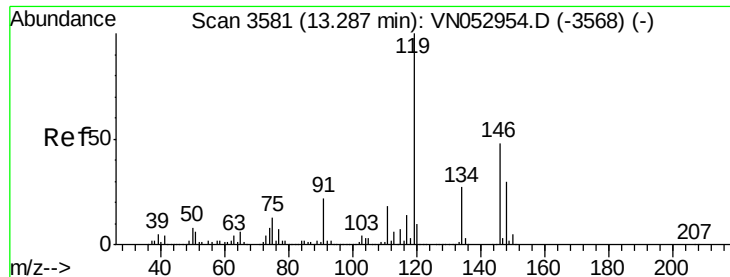
Tgt Ion:105 Resp: 490921

Ion Ratio Lower Upper

105 100

134 31.2 10.1 30.3#

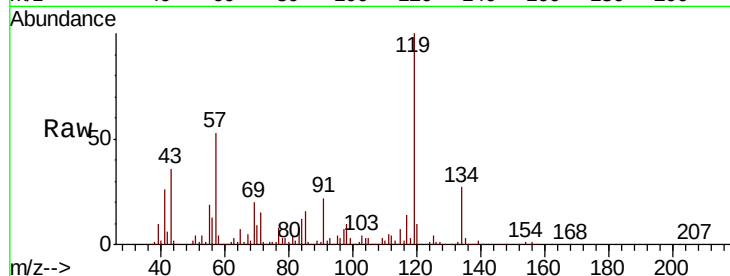




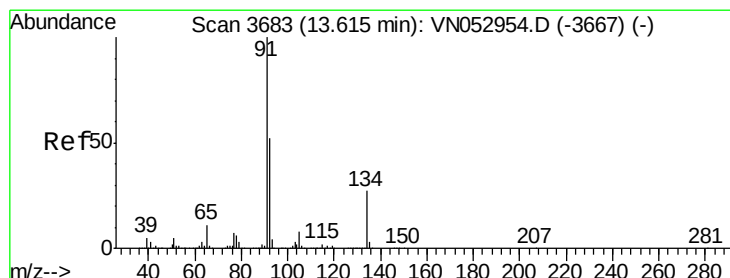
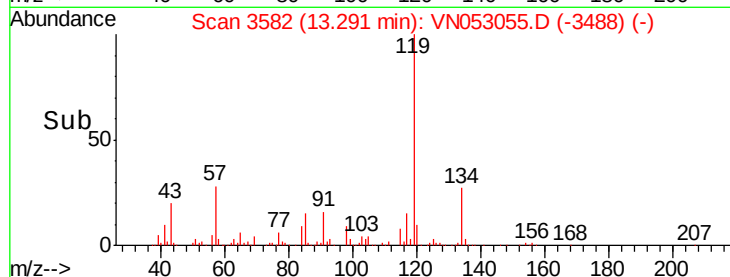
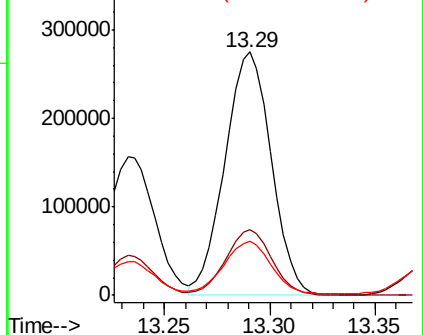
#86
 p-Isopropyltoluene
 Concen: 7.532 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN053055.D
 Acq: 20 Dec 2018 14:34

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:119 Resp: 417852
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.2
 91 21.8 11.1 33.3

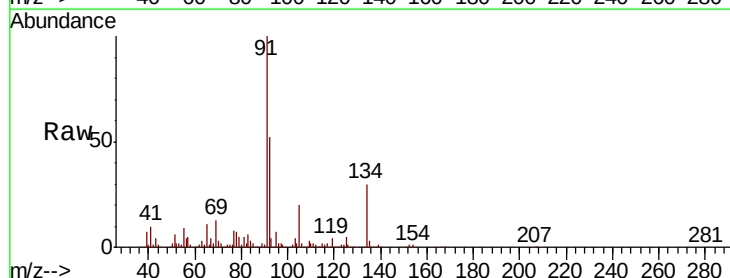


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

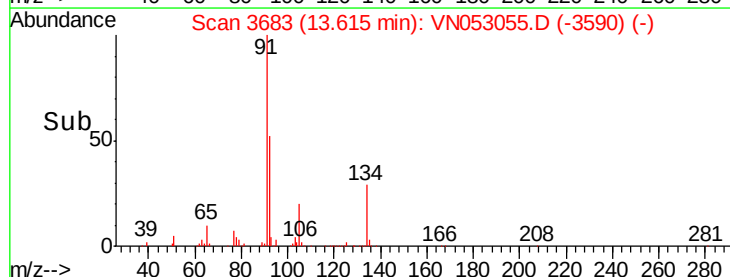
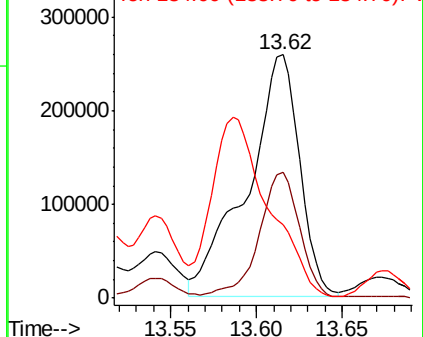


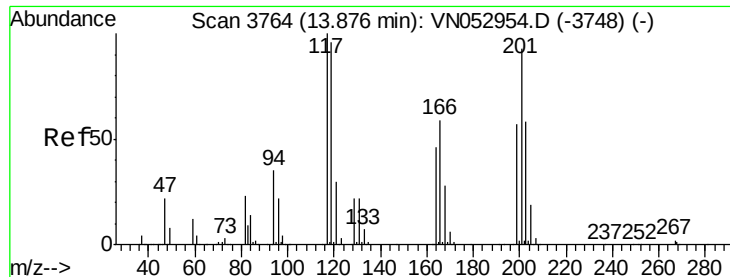
#89
 n-Butylbenzene
 Concen: 11.394 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. -0.00 min
 Lab File: VN053055.D
 Acq: 20 Dec 2018 14:34

Tgt Ion: 91 Resp: 543816
 Ion Ratio Lower Upper
 91 100
 92 40.2 26.3 78.9
 134 0.0 13.3 39.8#



Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 92.00 (91.70 to 92.70): V
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 7.759 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053055.D

Acq: 20 Dec 2018 14:34

Instrument :

MSVOA_N

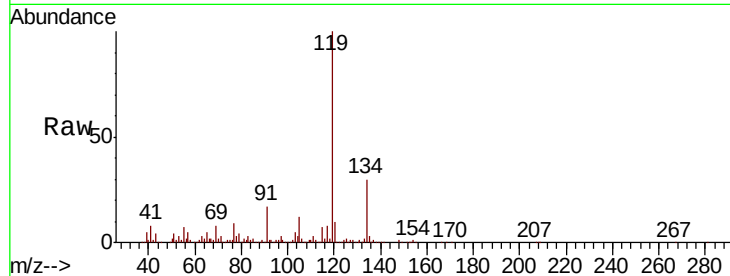
ClientSampled :

Tot Ion:117 Resp: 66057

Ion Ratio Lower Upper

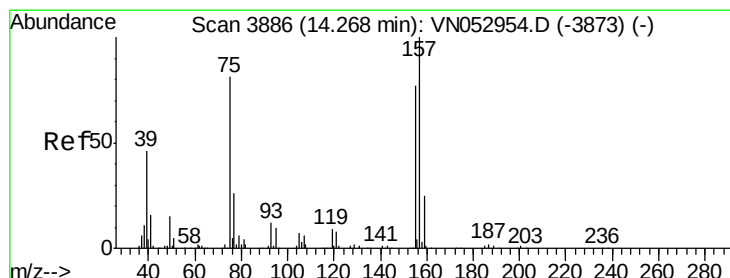
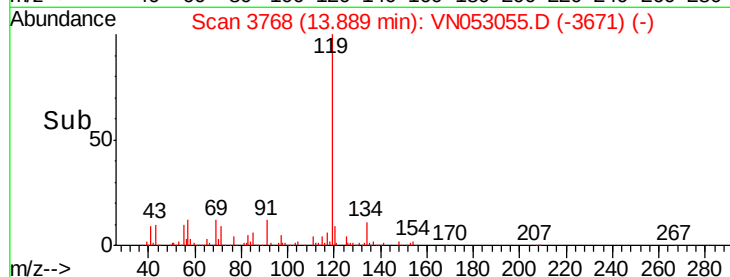
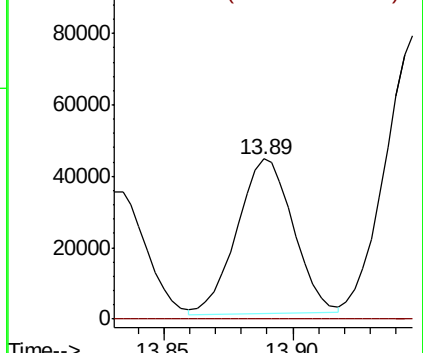
117 100

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: 1.343 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN053055.D

Acq: 20 Dec 2018 14:34

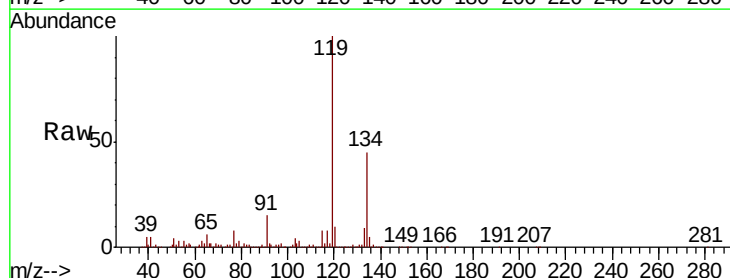
Tgt Ion: 75 Resp: 2999

Ion Ratio Lower Upper

75 100

155 0.0 48.2 144.6#

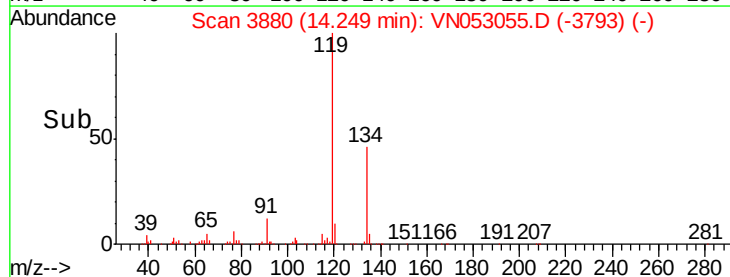
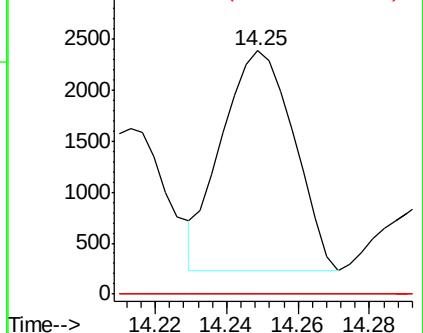
157 0.0 61.2 183.5#

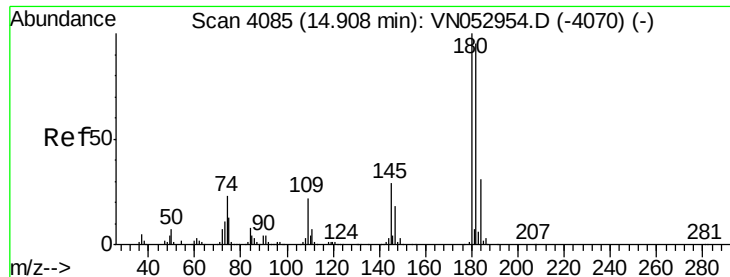


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 0.627 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN053055.D

Acq: 20 Dec 2018 14:34

Instrument :

MSVOA_N

ClientSampled :

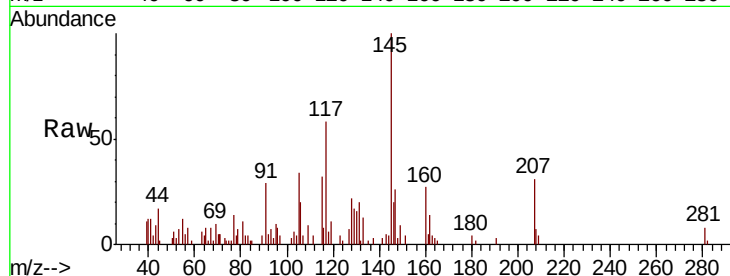
Tot Ion:180 Resp: 477

Ion Ratio Lower Upper

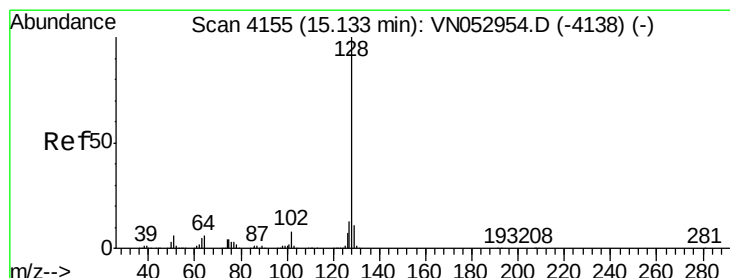
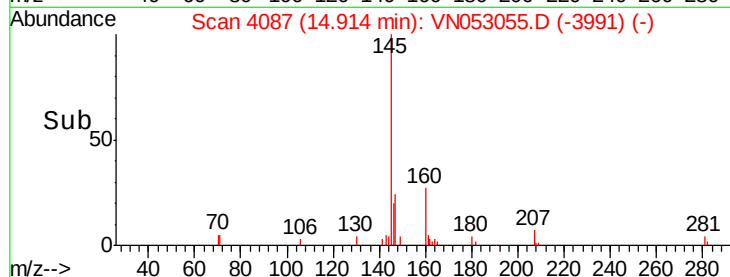
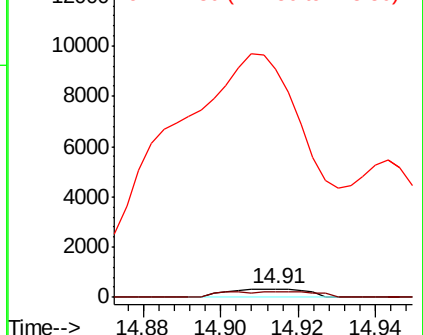
180 100

182 31.4 47.8 143.3#

145 4206.3 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: 1.888 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN053055.D

Acq: 20 Dec 2018 14:34

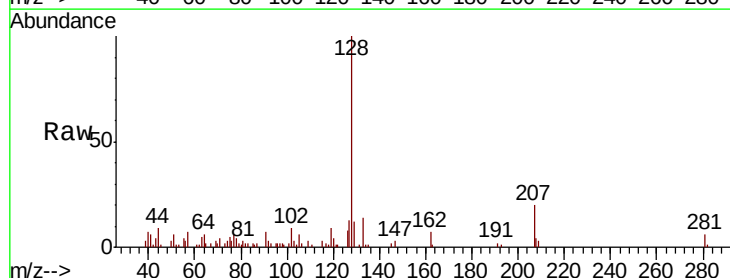
Tgt Ion:128 Resp: 25117

Ion Ratio Lower Upper

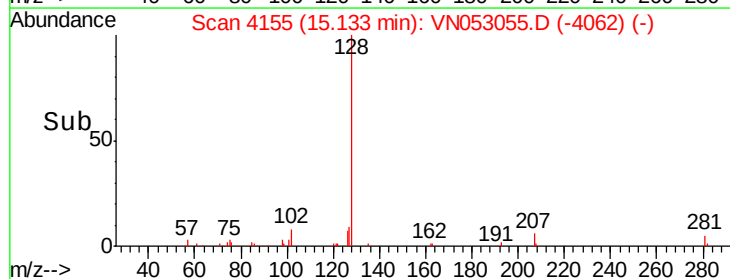
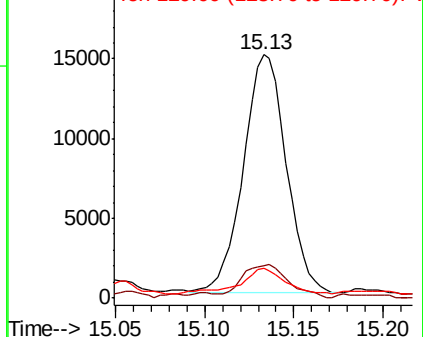
128 100

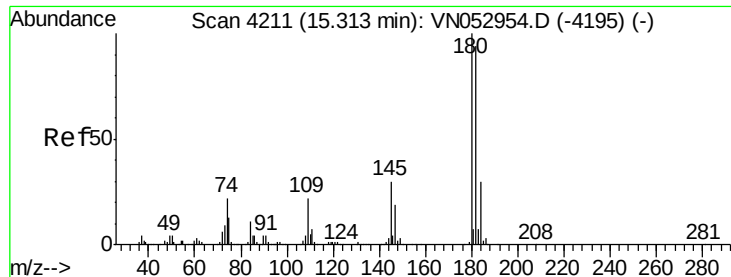
127 15.1 10.2 15.4

129 11.6 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

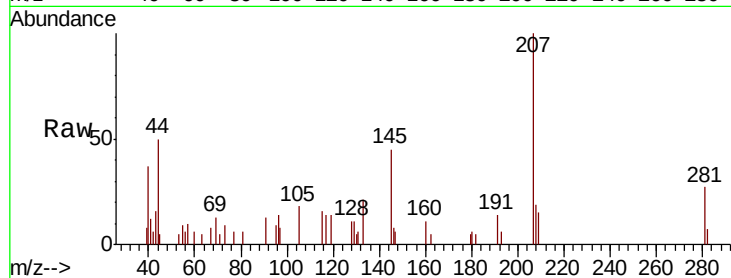




#96
 1,2,3-Trichlorobenzene
 Concen: 0.529 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. -0.00 min
 Lab File: VN053055.D
 Acq: 20 Dec 2018 14:34

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	38.2	47.9	143.7#
145	965.0	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

