

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
 Data File : VN053129.D
 Acq On : 22 Dec 2018 13:38
 Operator : MD\SY
 Sample : J6199-11ME
 Misc : 7.65g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-121818-B

Quant Time: Dec 23 23:03:39 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	7.66	168	1226308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1868914	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1557993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	700352	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	612667	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
35) Dibromofluoromethane	7.59	113	498357	58.37	ug/l	0.00
Spiked Amount			Recovery	=	116.74%	
50) Toluene-d8	10.09	98	2220695	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.40	95	721075	44.82	ug/l	0.00
Spiked Amount			Recovery	=	89.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.52	94	2660	0.252	ug/l	90
10) Methyl Iodide	3.95	142	3517	0.207	ug/l #	72
13) Acrolein	3.60	56	634	0.921	ug/l #	34
16) Acetone	3.82	43	2153	0.882	ug/l	99
18) Methyl Acetate	4.33	43	11763	2.033	ug/l	94
25) 2-Butanone	6.84	43	901	0.220	ug/l #	55
31) Cyclohexane	7.66	56	22371	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	80587	4.492	ug/l #	49
38) Carbon Tetrachloride	7.66	117	105339	6.407	ug/l #	15
39) Methylcyclohexane	9.08	83	13242	0.608	ug/l	98
40) Benzene	8.04	78	20234	0.379	ug/l	99
43) Isopropyl Acetate	8.30	43	57706	1.975	ug/l #	54
52) Toluene	10.16	92	12735	0.385	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	10694	0.927	ug/l #	20
56) Ethyl methacrylate	10.43	69	6794	0.445	ug/l #	19
59) 2-Hexanone	10.72	43	23384	3.564	ug/l #	28
67) Ethyl Benzene	11.51	91	19104	0.322	ug/l	99
68) m/p-Xylenes	11.62	106	24410	1.081	ug/l	98
69) o-Xylene	11.95	106	18497	0.854	ug/l	89
71) Bromoform	12.40	173	3966	0.457	ug/l #	1
73) Isopropylbenzene	12.25	105	17375	0.317	ug/l	96
74) N-amyl acetate	12.04	43	45772	3.009	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.48	83	2363	0.220	ug/l #	25
76) 1,2,3-Trichloropropane	12.40	75	335244	28.435	ug/l #	100
78) n-propylbenzene	12.59	91	59940	0.960	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	86887	1.945	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	335244	91.650	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	359909	8.016	ug/l	99
85) sec-Butylbenzene	13.17	105	48881	0.915	ug/l	88
86) p-Isopropyltoluene	13.29	119	36029	0.780	ug/l	99
89) n-Butylbenzene	13.62	91	124253	3.128	ug/l #	73
90) Hexachloroethane	13.89	117	20020	2.826	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1592	0.856	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	9769	1.364	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

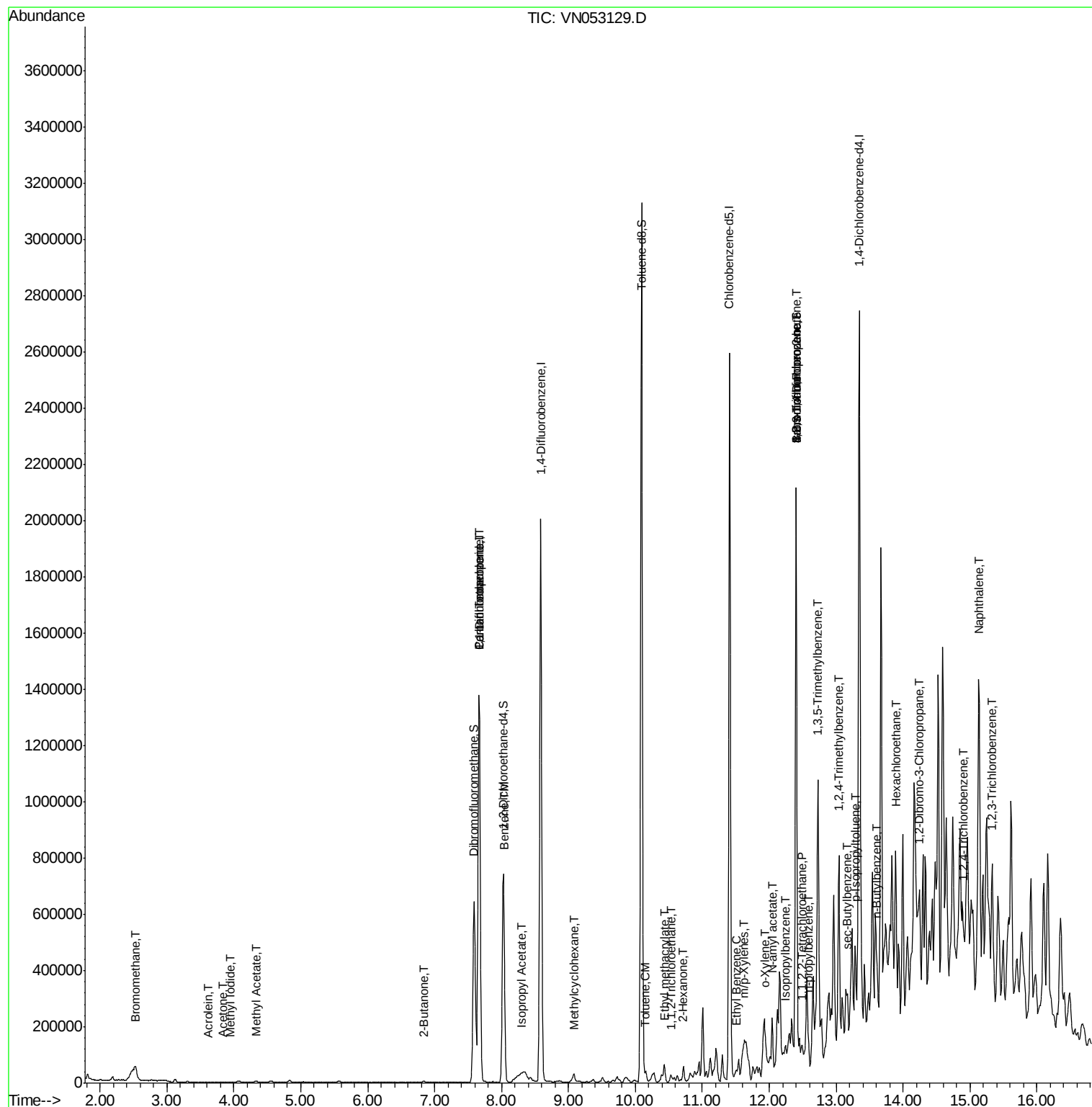
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	837879	30.877	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	9765	1.362	ug/l #	1

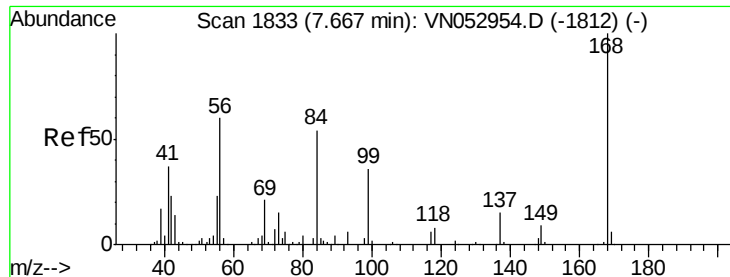
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122218\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053129.D

Acq: 22 Dec 2018 13:38

Instrument :

MSVOA_N

ClientSampleId :

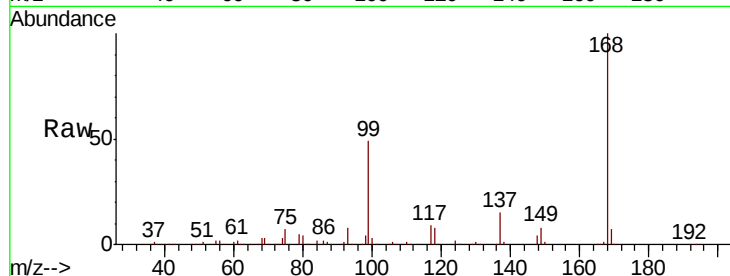
SU-02-121818-B

Tot Ion:168 Resp: 1226308

Ion Ratio Lower Upper

168 100

99 49.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053129.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053129.D (-1740) (-)

7.66

600000

500000

400000

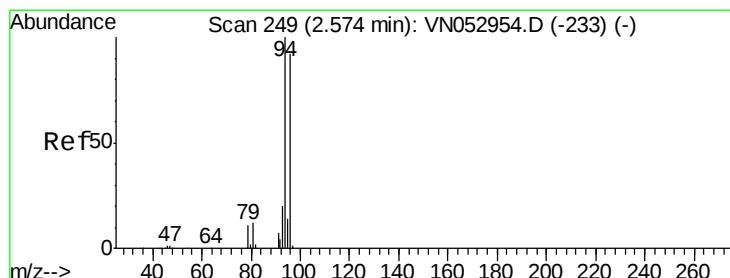
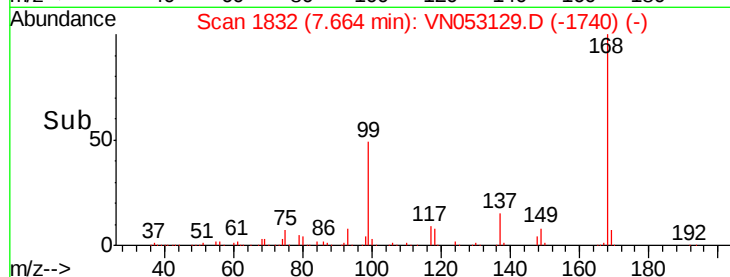
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: 0.252 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.05 min

Lab File: VN053129.D

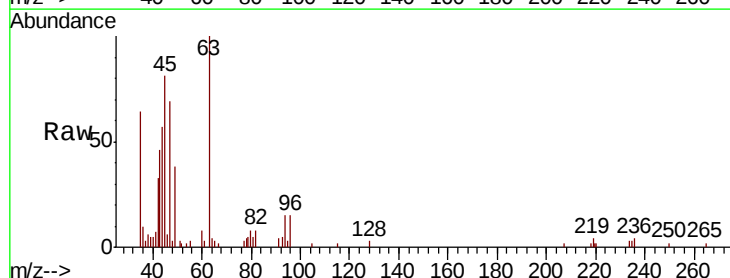
Acq: 22 Dec 2018 13:38

Tgt Ion: 94 Resp: 2660

Ion Ratio Lower Upper

94 100

96 102.9 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VN053129.D (-156) (-)

Ion 95.90 (95.60 to 96.60): VN053129.D (-156) (-)

2.52

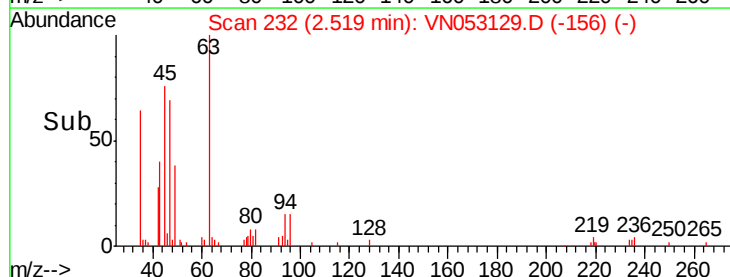
1500

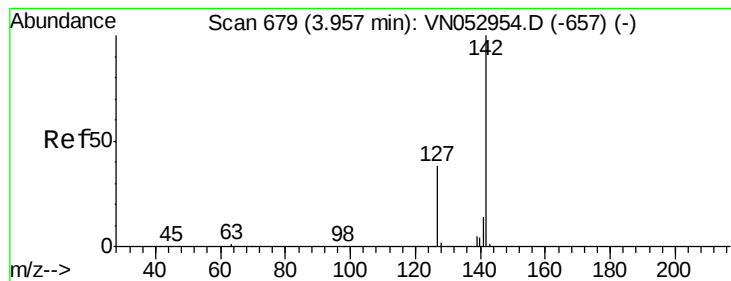
1000

500

0

Time-->





#10

Methvl Iodide

Concen: 0.207 ug/l

RT: 3.95 min Scan# 677

Delta R.T. -0.01 min

Lab File: VN053129.D

Acq: 22 Dec 2018 13:38

Instrument :

MSVOA_N

ClientSampleId :

SU-02-121818-B

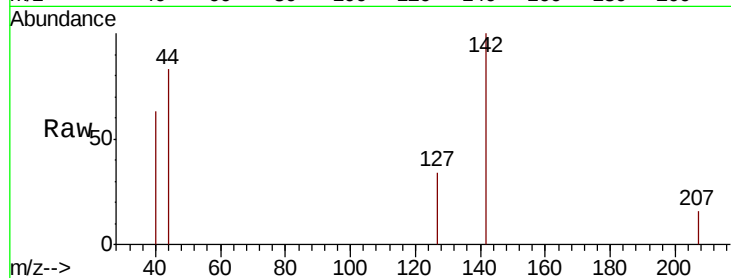
Tot Ion:142 Resp: 3517

Ion Ratio Lower Upper

142 100

127 21.2 31.0 46.6#

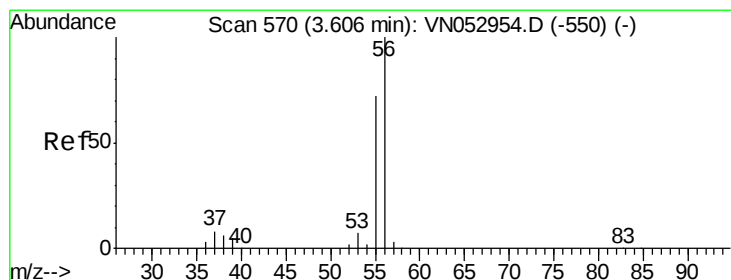
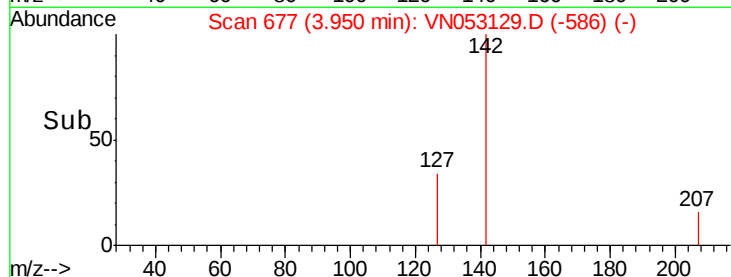
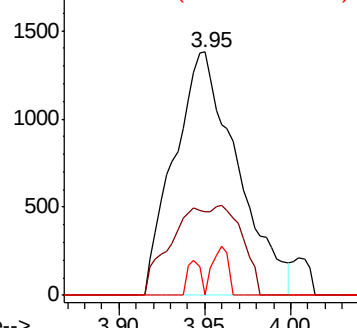
141 2.9 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#13

Acrolein

Concen: 0.921 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN053129.D

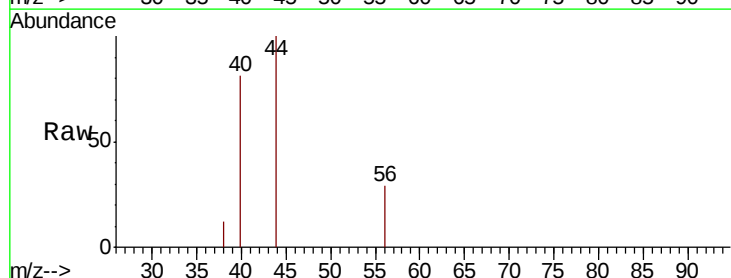
Acq: 22 Dec 2018 13:38

Tgt Ion: 56 Resp: 634

Ion Ratio Lower Upper

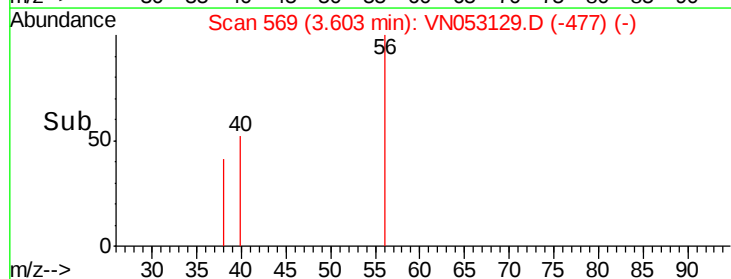
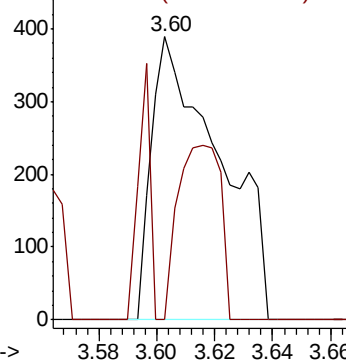
56 100

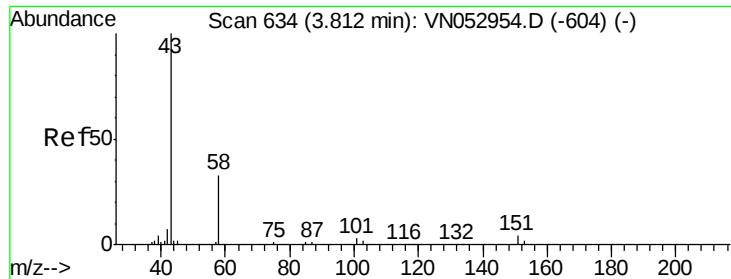
55 16.2 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): V

Ion 55.00 (54.70 to 55.70): V





#16

Acetone

Concen: 0.882 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053129.D

Acq: 22 Dec 2018 13:38

Instrument :

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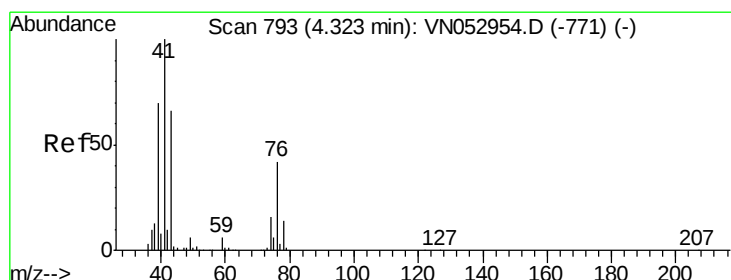
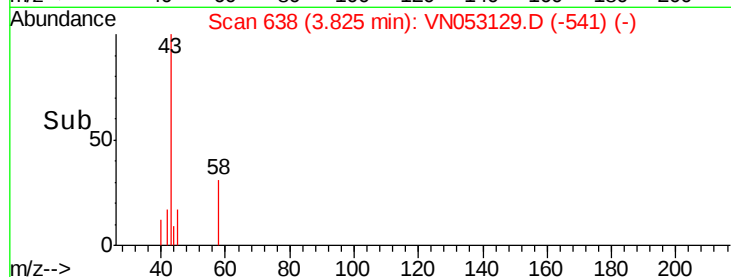
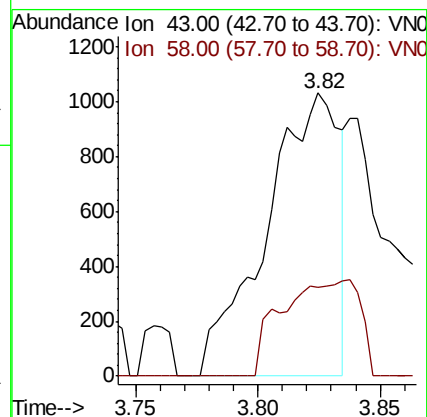
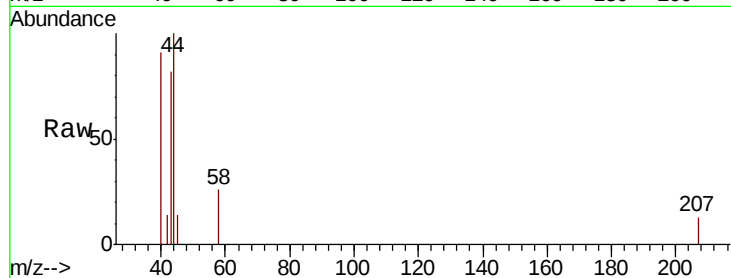
SU-02-121818-B

Tot Ion: 43 Resp: 2153

Ion Ratio Lower Upper

43 100

58 31.3 25.4 38.0



#18

Methyl Acetate

Concen: 2.033 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN053129.D

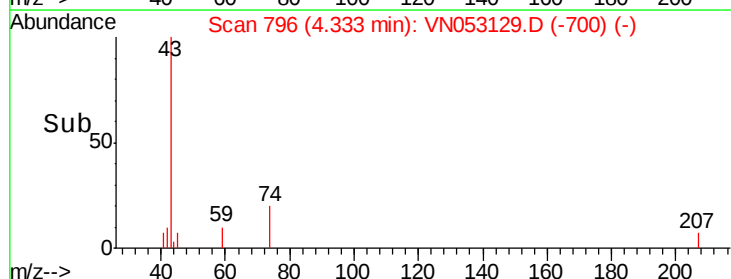
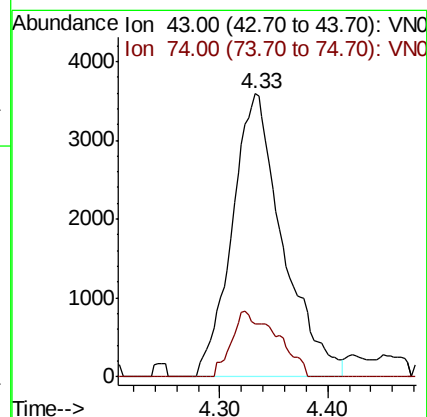
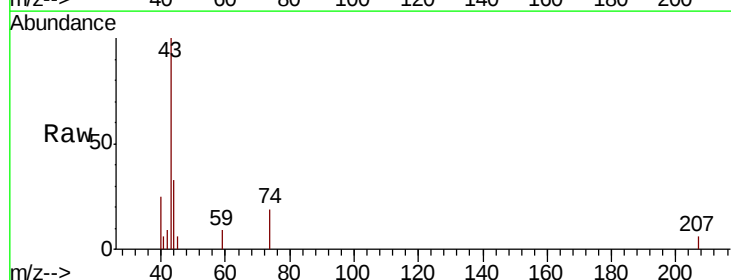
Acq: 22 Dec 2018 13:38

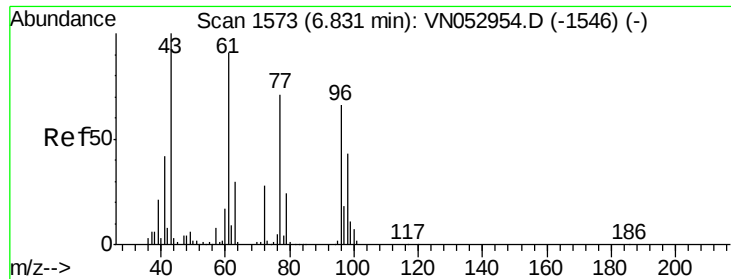
Tgt Ion: 43 Resp: 11763

Ion Ratio Lower Upper

43 100

74 20.9 19.2 28.8





#25

2-Butanone

Concen: 0.220 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN053129.D

Acq: 22 Dec 2018 13:38

Instrument :

MSVOA_N

ClientSampleId :

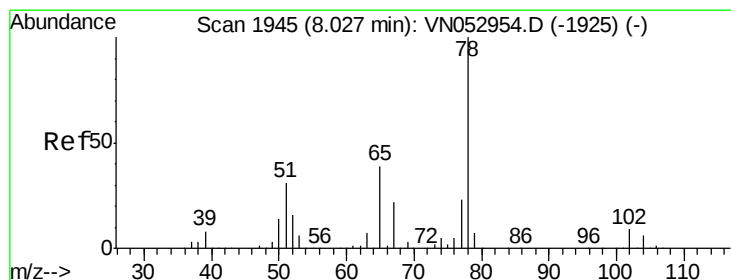
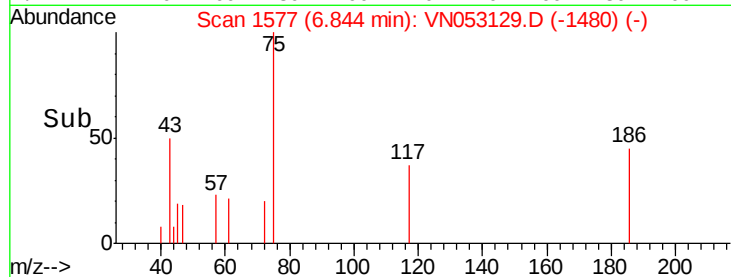
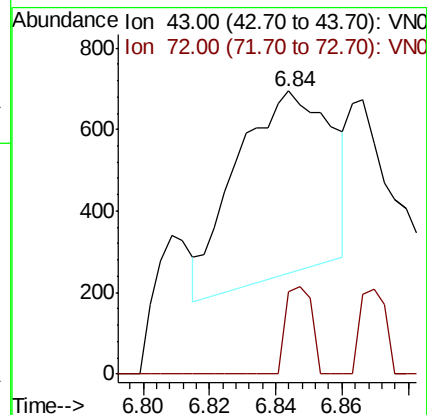
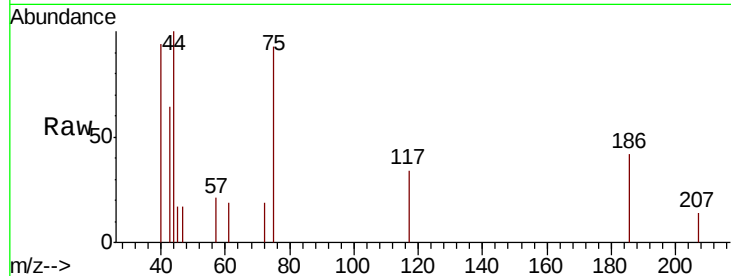
SU-02-121818-B

Tot Ion: 43 Resp: 901

Ion Ratio Lower Upper

43 100

72 49.4 21.0 31.6#



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053129.D

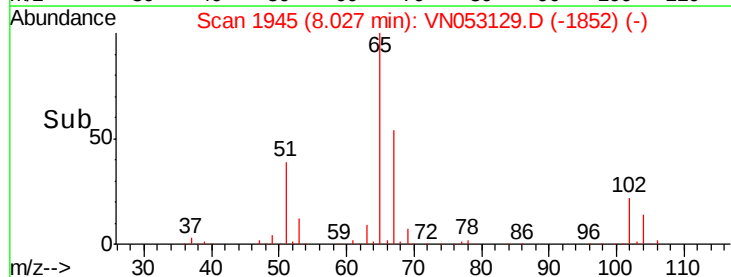
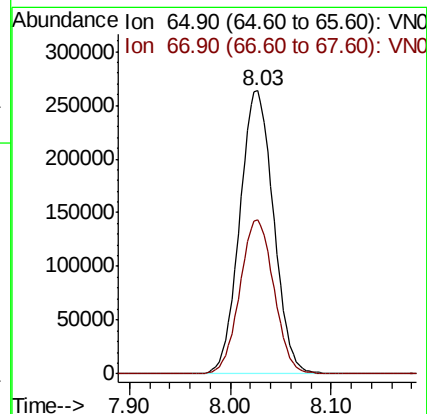
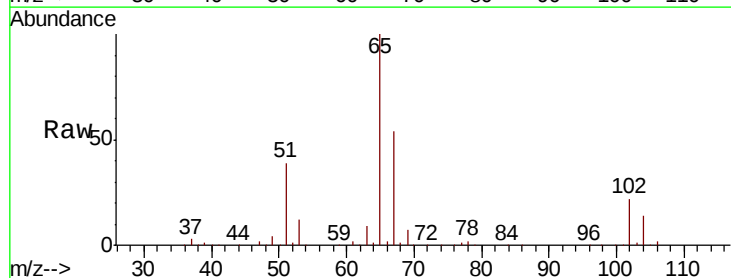
Acq: 22 Dec 2018 13:38

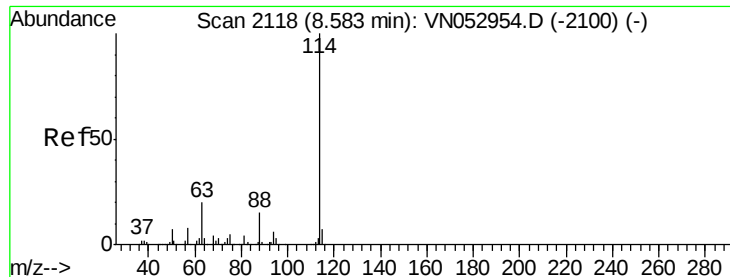
Tgt Ion: 65 Resp: 612667

Ion Ratio Lower Upper

65 100

67 54.8 0.0 110.4

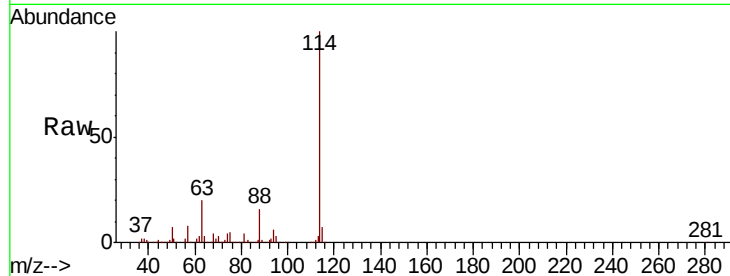




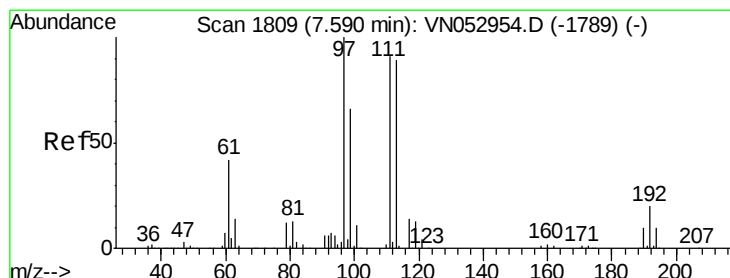
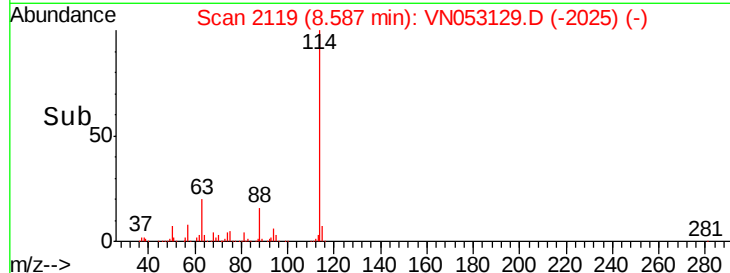
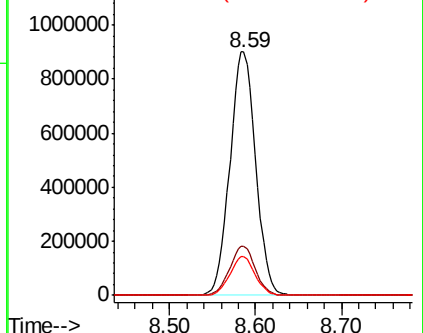
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053129.D
 Acq: 22 Dec 2018 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-121818-B

Tot Ion:114 Resp: 1868914
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.8
 88 15.7 0.0 31.0

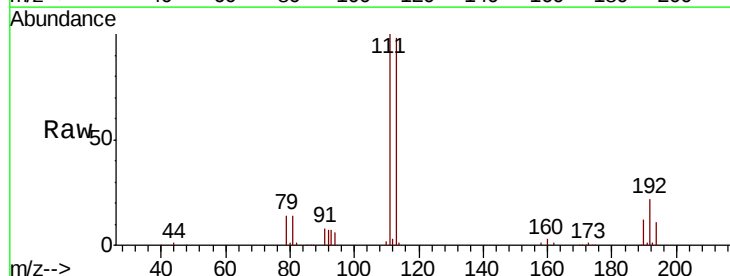


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

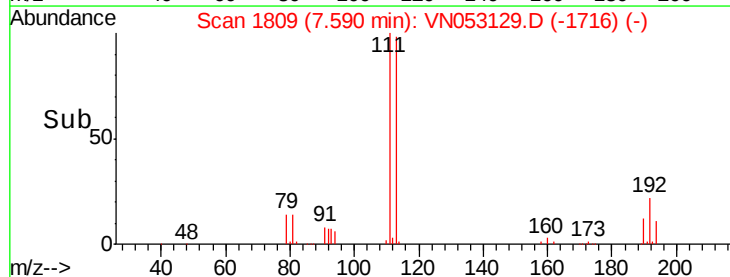
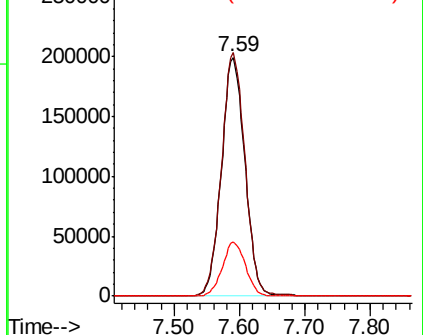


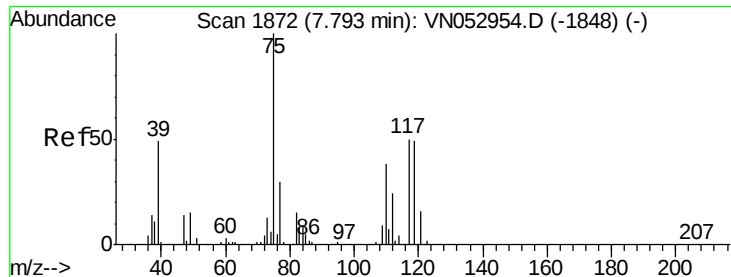
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053129.D
 Acq: 22 Dec 2018 13:38

Tgt Ion:113 Resp: 498357
 Ion Ratio Lower Upper
 113 100
 111 101.7 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

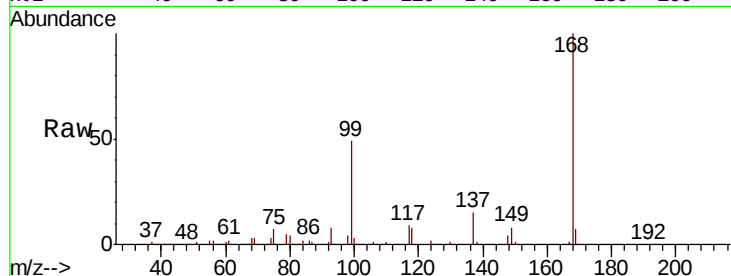




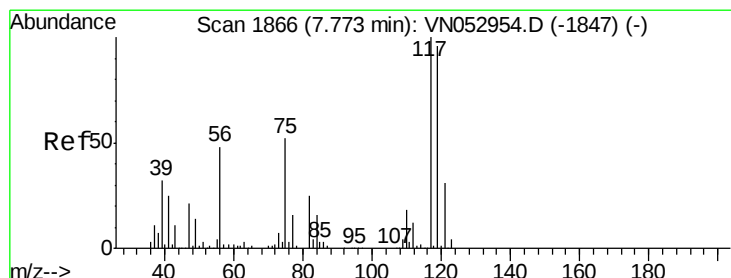
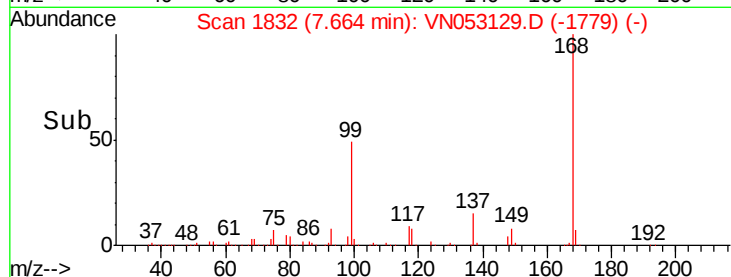
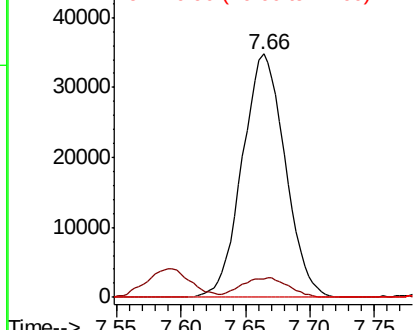
#36
 1,1-Dichloropropene
 Concen: 4.492 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053129.D
 Acq: 22 Dec 2018 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-121818-B

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.2	54.6#
77	0.0	24.9	37.3#

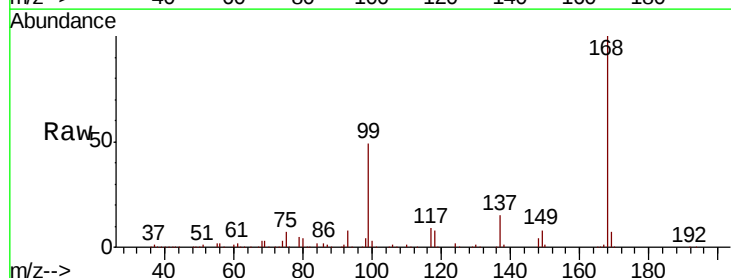


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

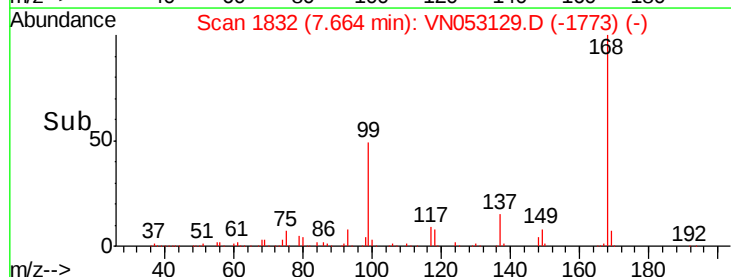
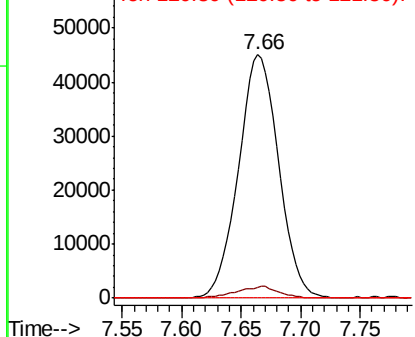


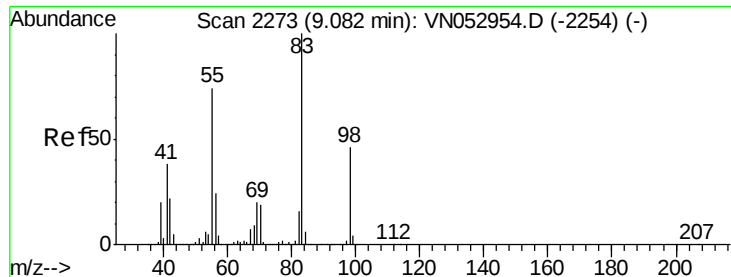
#38
 Carbon Tetrachloride
 Concen: 6.407 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN053129.D
 Acq: 22 Dec 2018 13:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	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

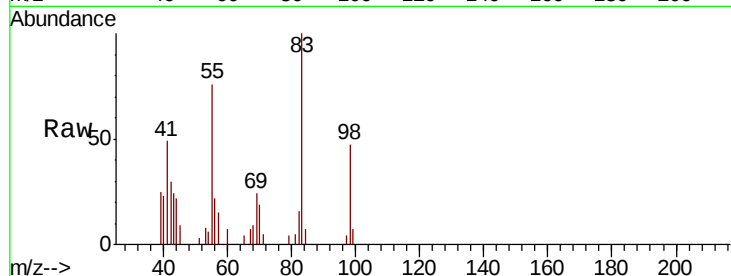




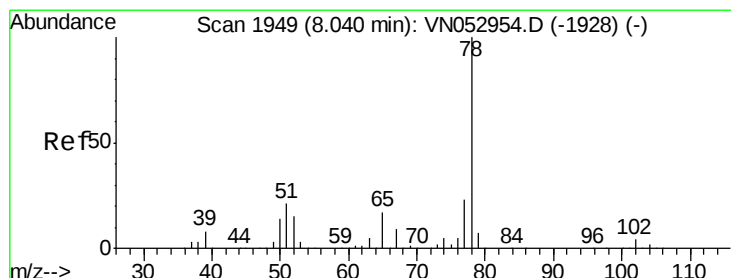
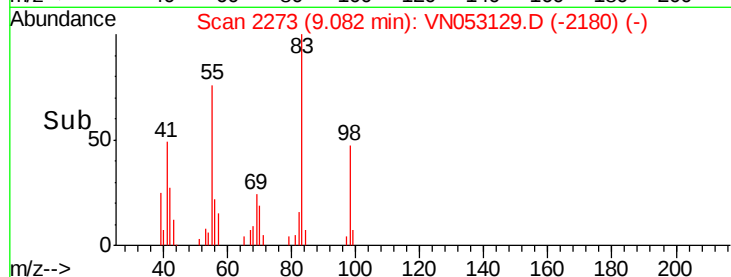
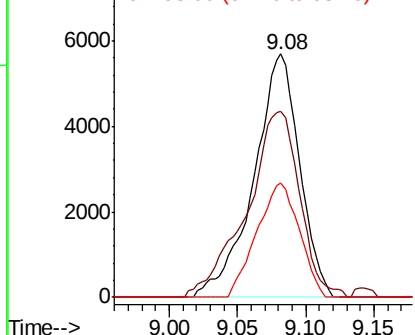
#39
Methvlcvclohexane
Concen: 0.608 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053129.D
Acq: 22 Dec 2018 13:38

Instrument :
MSVOA_N
ClientSampleId :
SU-02-121818-B

Tot Ion: 83 Resp: 13242
Ion Ratio Lower Upper
83 100
55 73.7 61.3 91.9
98 46.9 37.0 55.4

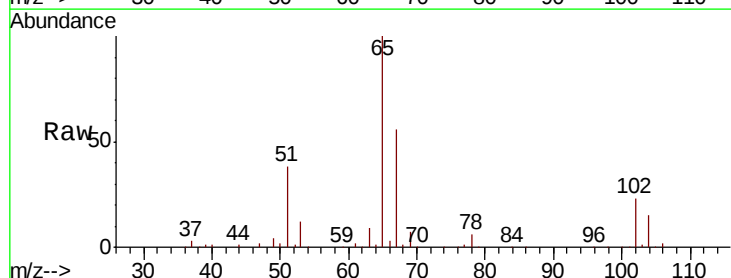


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

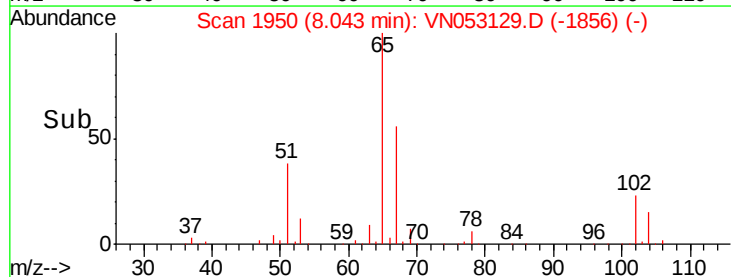
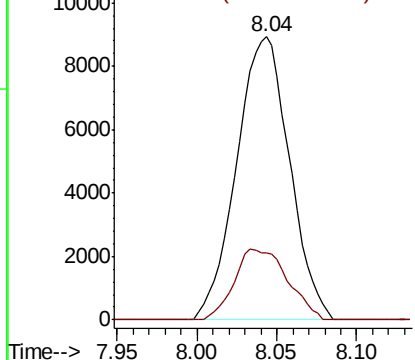


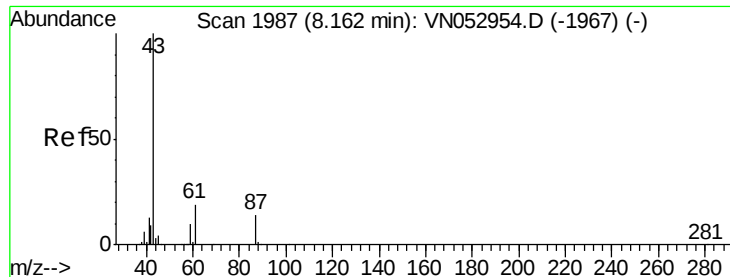
#40
Benzene
Concen: 0.379 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053129.D
Acq: 22 Dec 2018 13:38

Tgt Ion: 78 Resp: 20234
Ion Ratio Lower Upper
78 100
77 23.5 18.5 27.7



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#43

Isopropyl Acetate

Concen: 1.975 ug/l

RT: 8.30 min Scan# 2029

Delta R.T. 0.14 min

Lab File: VN053129.D

Acq: 22 Dec 2018 13:38

Instrument :

MSVOA_N

ClientSampleId :

SU-02-121818-B

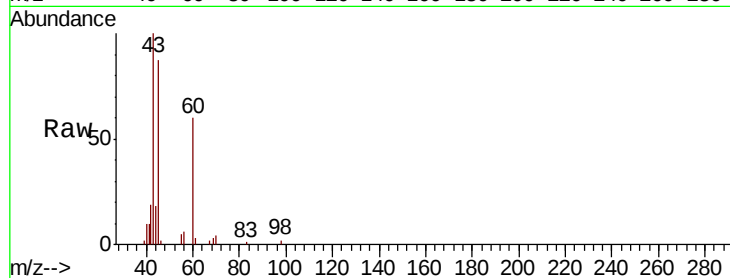
Tot Ion: 43 Resp: 57706

Ion Ratio Lower Upper

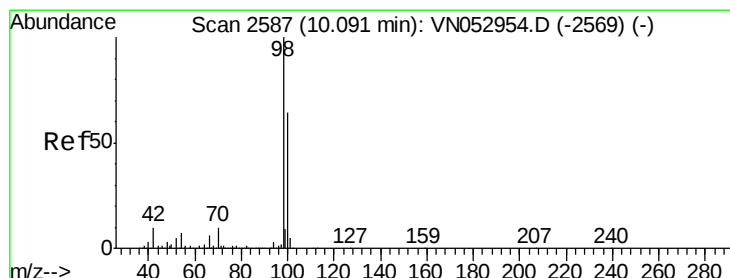
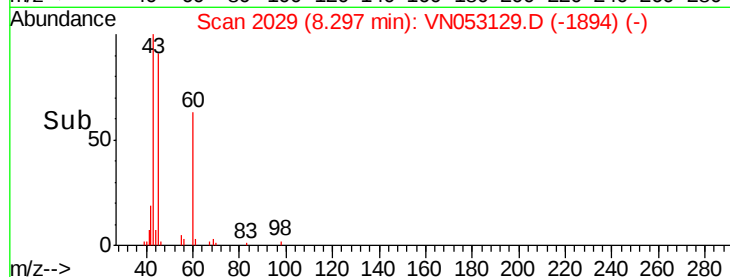
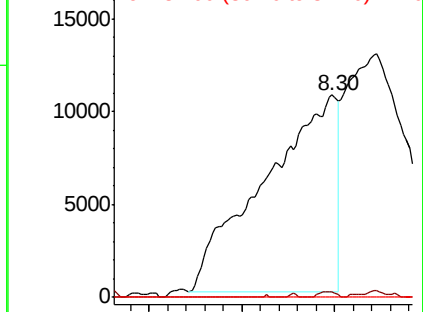
43 100

61 0.7 22.9 34.3#

87 0.0 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 61.00 (60.70 to 61.70): VNC
Ion 87.00 (86.70 to 87.70): VNC



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053129.D

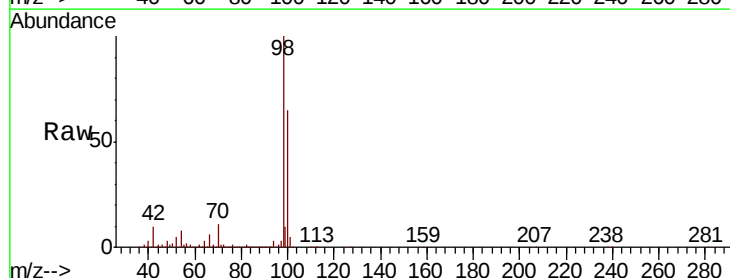
Acq: 22 Dec 2018 13:38

Tgt Ion: 98 Resp: 2220695

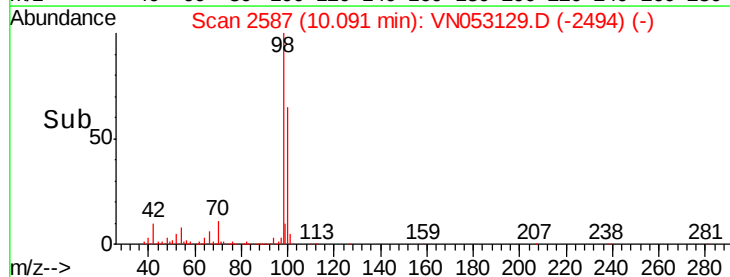
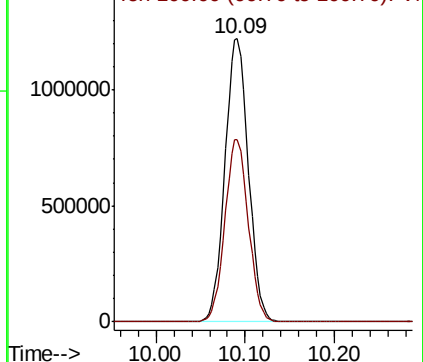
Ion Ratio Lower Upper

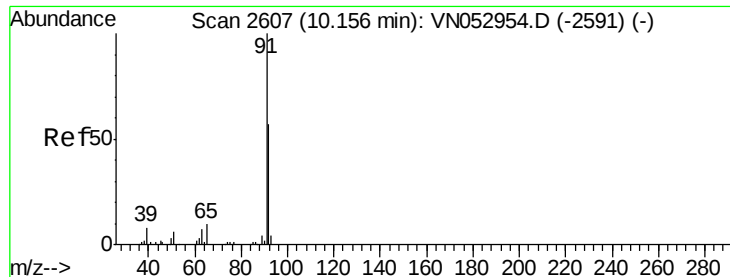
98 100

100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VNC
Ion 100.00 (99.70 to 100.70): VNC





#52

Toluene

Concen: 0.385 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN053129.D

Acq: 22 Dec 2018 13:38

Instrument :

MSVOA_N

ClientSampleId :

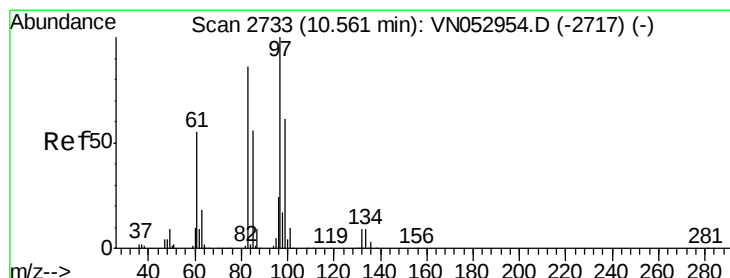
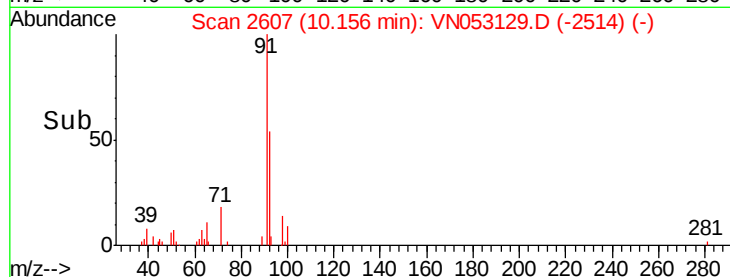
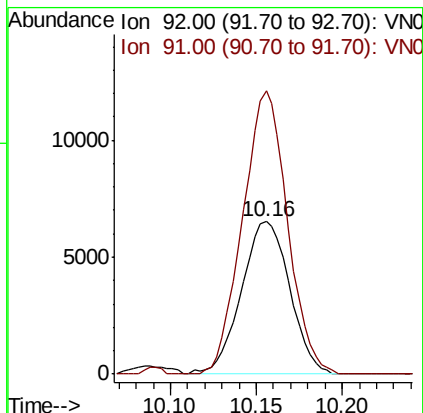
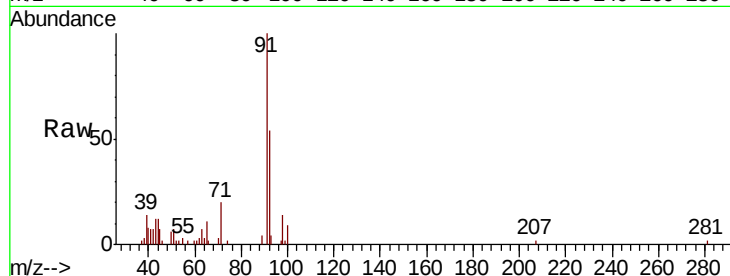
SU-02-121818-B

Tot Ion: 92 Resp: 12735

Ion Ratio Lower Upper

92 100

91 172.0 139.8 209.6



#55

1,1,2-Trichloroethane

Concen: 0.927 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN053129.D

Acq: 22 Dec 2018 13:38

Tgt Ion: 97 Resp: 10694

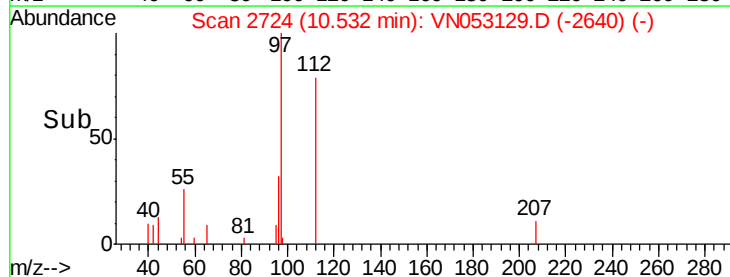
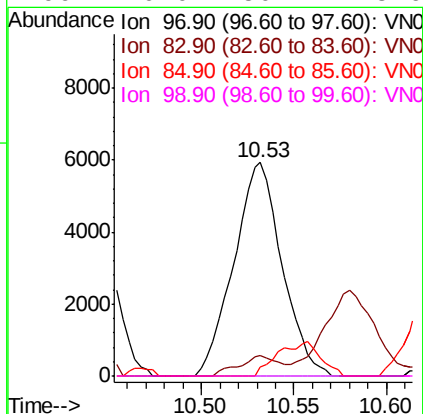
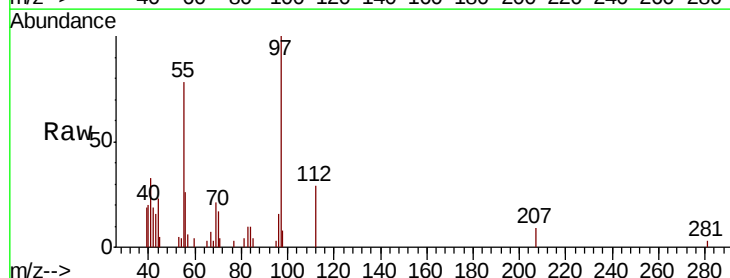
Ion Ratio Lower Upper

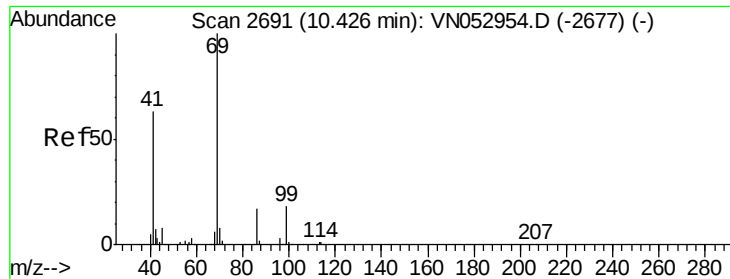
97 100

83 9.8 70.9 106.3#

85 4.1 45.4 68.2#

99 0.0 50.4 75.6#

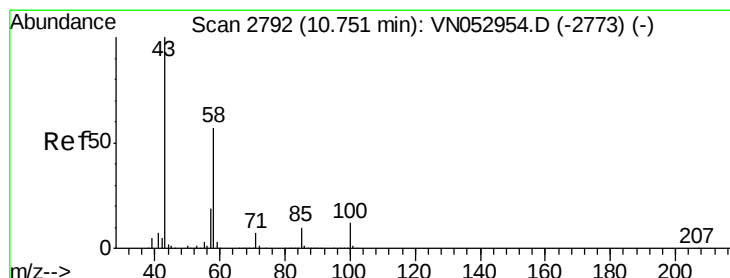
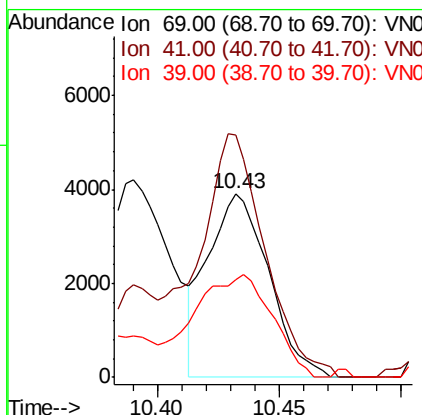
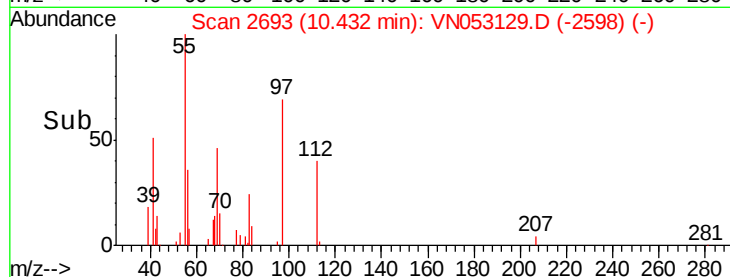
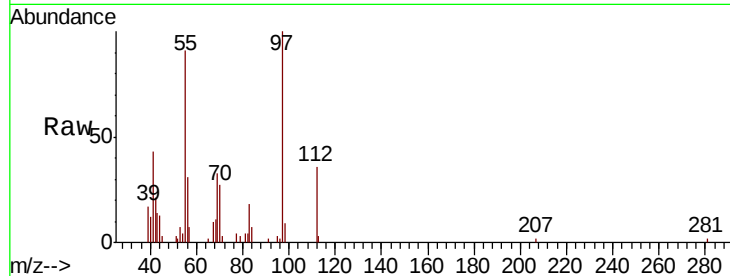




#56
Ethyl methacrylate
Concen: 0.445 ug/l
RT: 10.43 min Scan# 2693
Delta R.T. 0.01 min
Lab File: VN053129.D
Acq: 22 Dec 2018 13:38

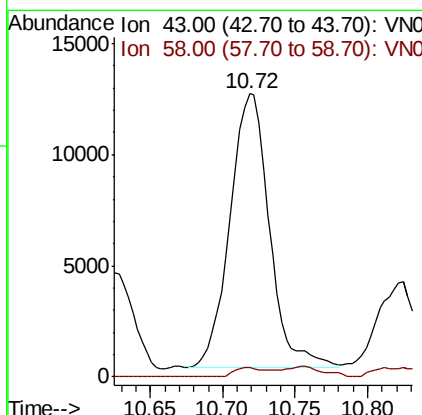
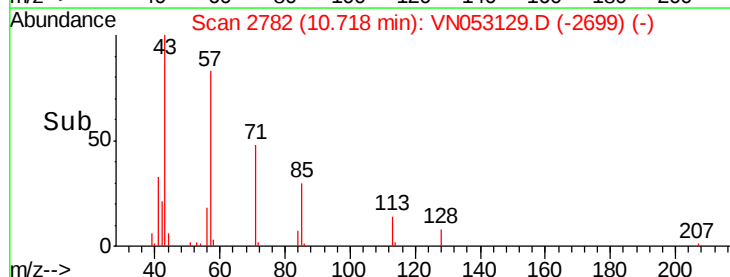
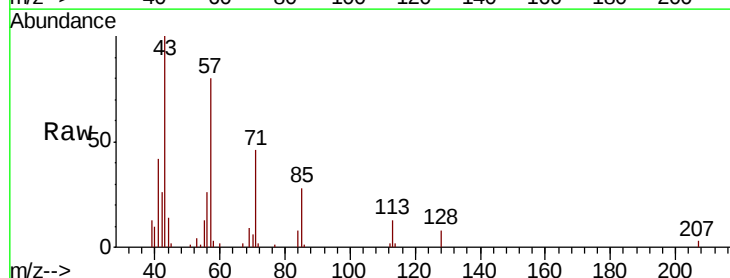
Instrument :
MSVOA_N
ClientSampled :
SU-02-121818-B

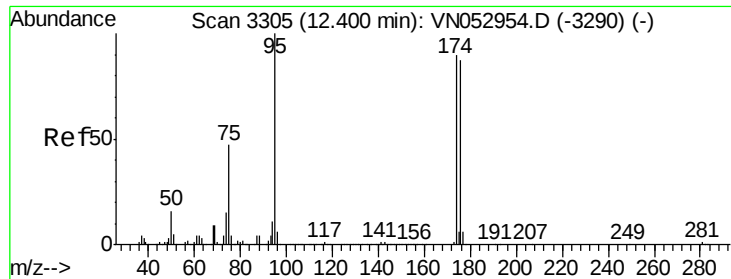
Tot Ion: 69 Resp: 6794
Ion Ratio Lower Upper
69 100
41 131.5 51.7 77.5#
39 70.2 24.6 37.0#



#59
2-Hexanone
Concen: 3.564 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN053129.D
Acq: 22 Dec 2018 13:38

Tgt Ion: 43 Resp: 23384
Ion Ratio Lower Upper
43 100
58 3.3 28.1 84.3#

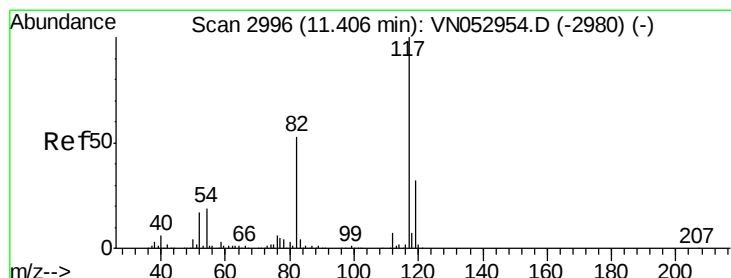
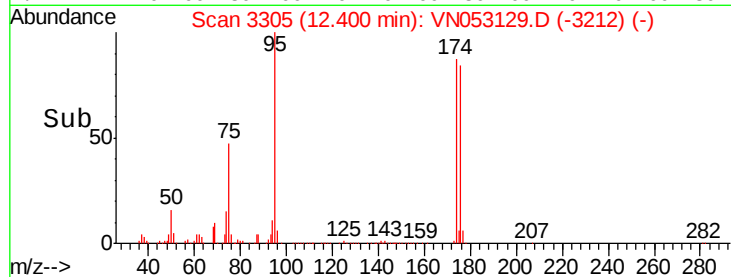
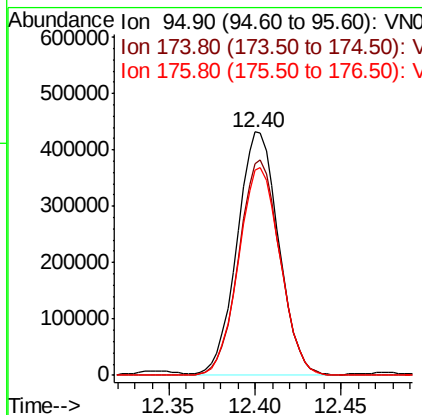
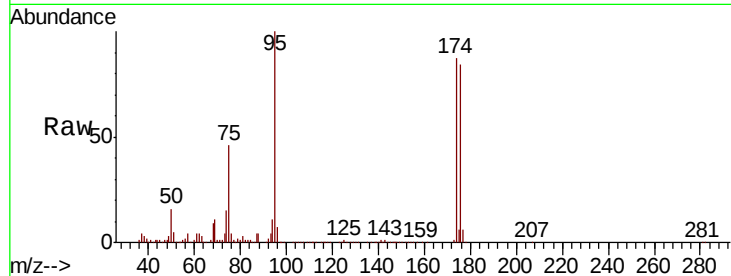




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053129.D
Acq: 22 Dec 2018 13:38

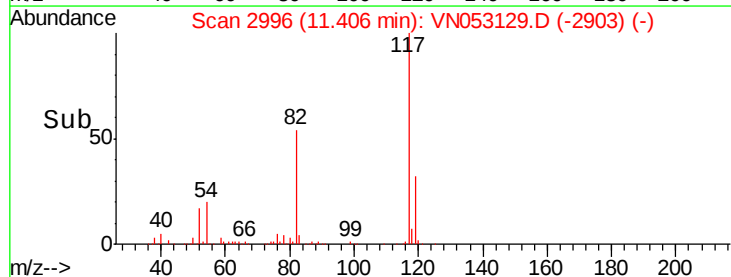
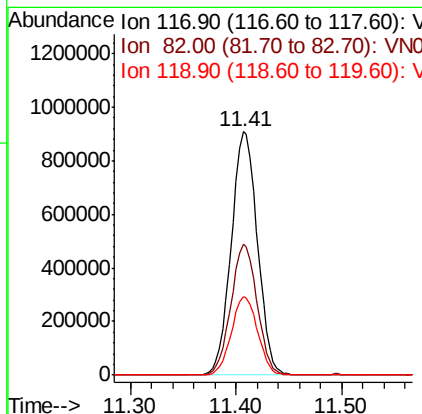
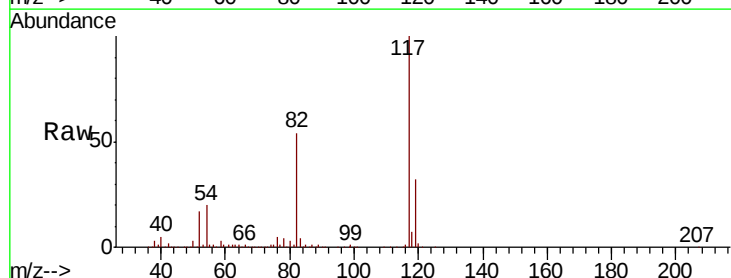
Instrument :
MSVOA_N
ClientSampleId :
SU-02-121818-B

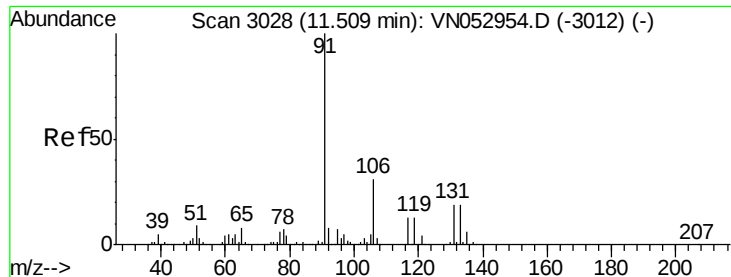
Tot Ion: 95 Resp: 721075
Ion Ratio Lower Upper
95 100
174 88.2 0.0 178.8
176 86.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053129.D
Acq: 22 Dec 2018 13:38

Tgt Ion: 117 Resp: 1557993
Ion Ratio Lower Upper
117 100
82 53.7 42.8 64.2
119 32.3 25.5 38.3

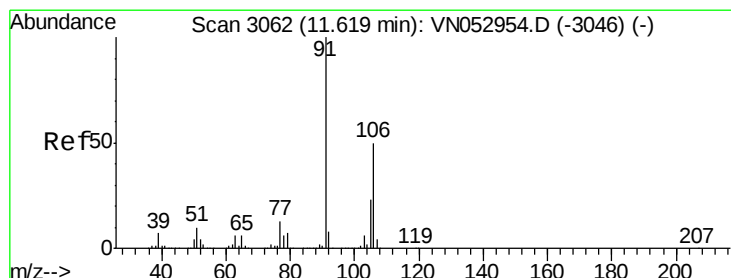
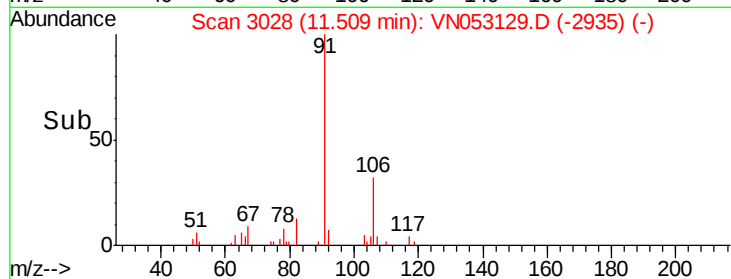
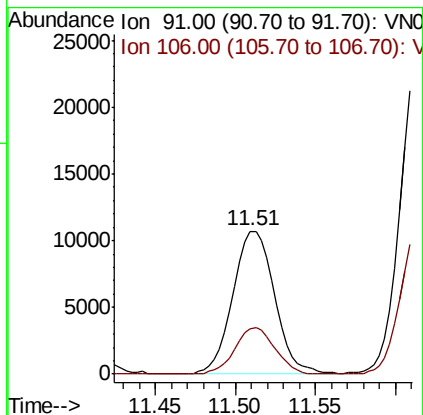
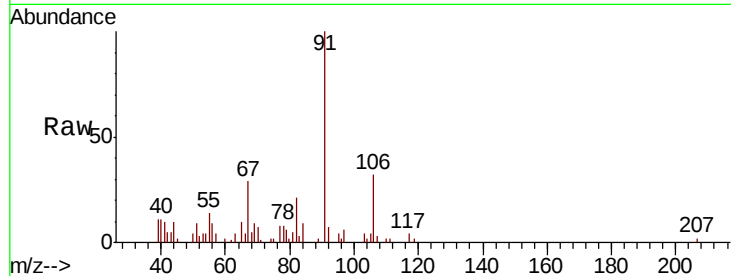




#67
Ethyl Benzene
Concen: 0.322 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053129.D
Acq: 22 Dec 2018 13:38

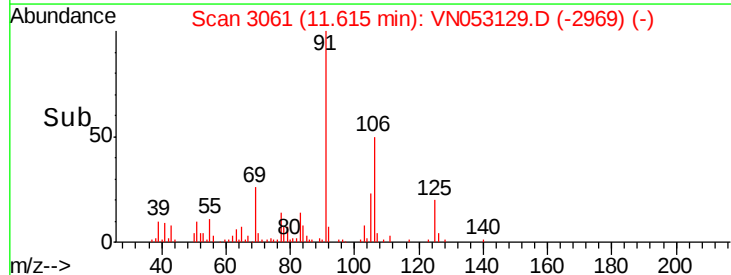
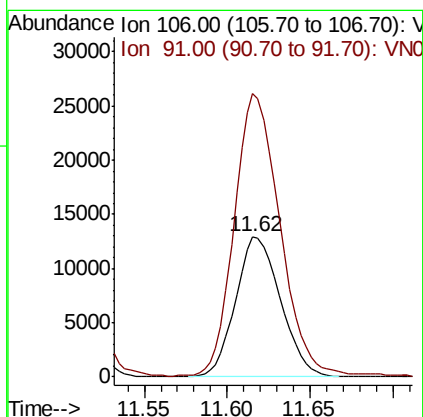
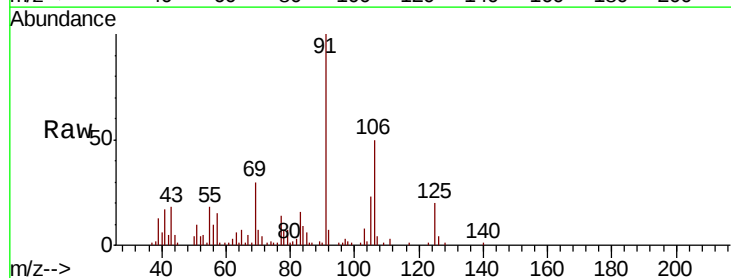
Instrument :
MSVOA_N
ClientSampleId :
SU-02-121818-B

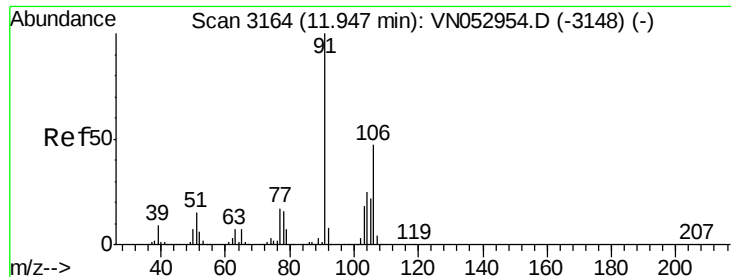
Tot Ion: 91 Resp: 19104
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3



#68
m/p-Xylenes
Concen: 1.081 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN053129.D
Acq: 22 Dec 2018 13:38

Tgt Ion: 106 Resp: 24410
Ion Ratio Lower Upper
106 100
91 206.0 162.2 243.4

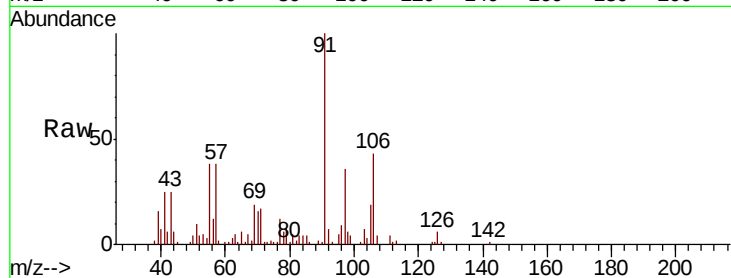




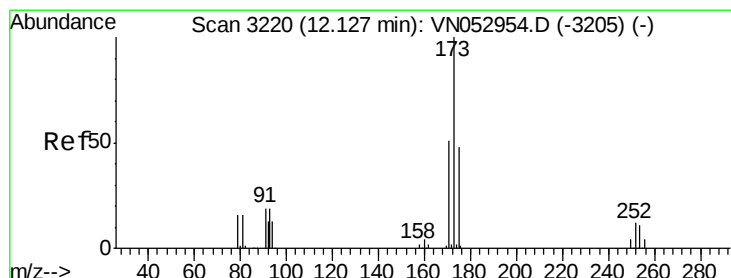
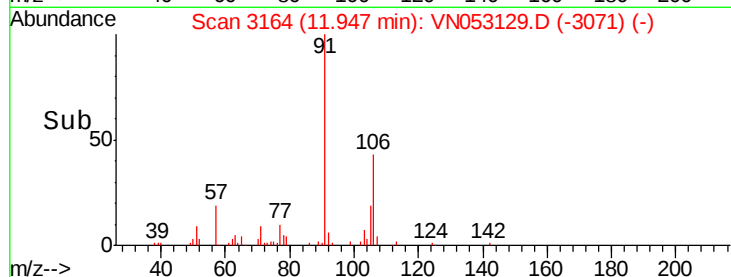
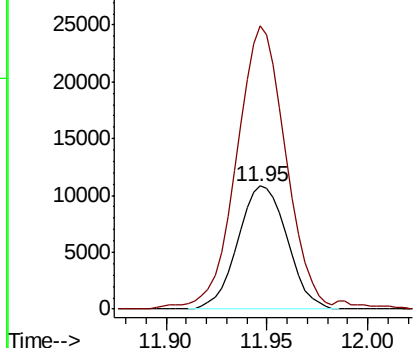
#69
o-Xylene
Concen: 0.854 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053129.D
Acq: 22 Dec 2018 13:38

Instrument :
MSVOA_N
ClientSampleId :
SU-02-121818-B

Tot Ion:106 Resp: 18497
Ion Ratio Lower Upper
106 100
91 230.3 106.6 319.8

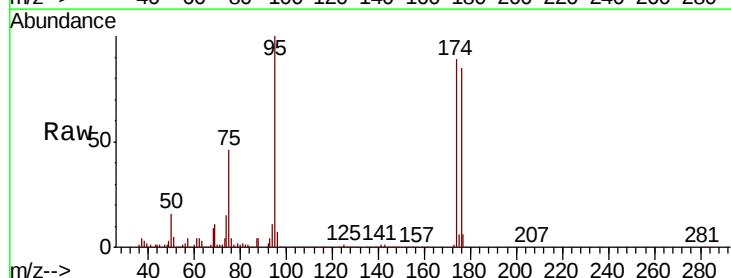


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

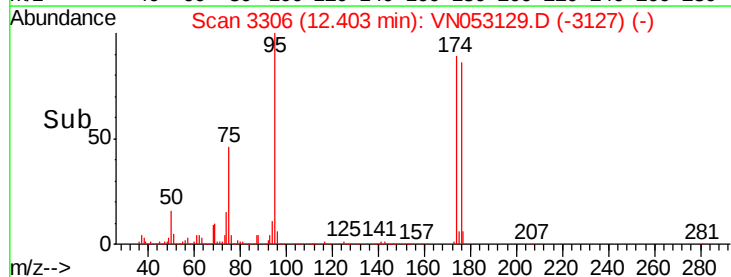
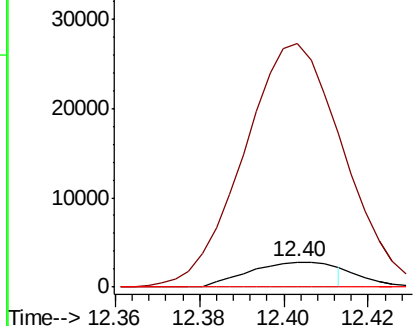


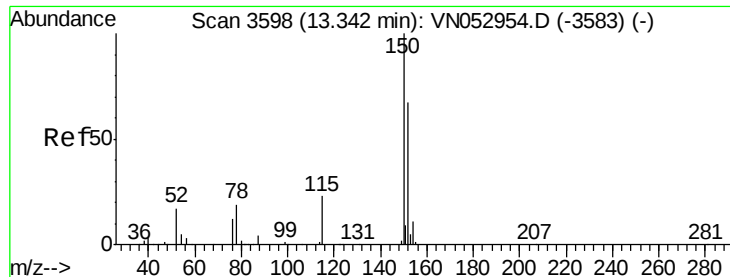
#71
Bromoform
Concen: 0.457 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053129.D
Acq: 22 Dec 2018 13:38

Tgt Ion:173 Resp: 3966
Ion Ratio Lower Upper
173 100
175 977.3 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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053129.D

Acq: 22 Dec 2018 13:38

Instrument :

MSVOA_N

ClientSampleId :

SU-02-121818-B

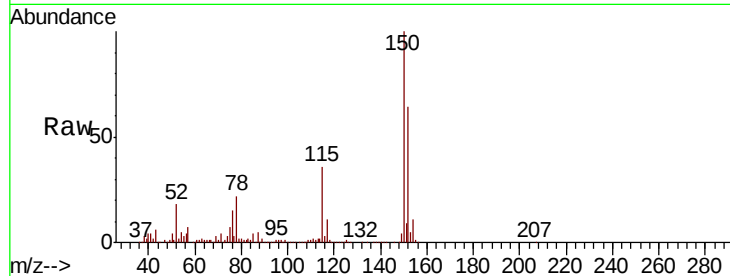
Tot Ion:152 Resp: 700352

Ion Ratio Lower Upper

152 100

115 56.8 28.3 85.0

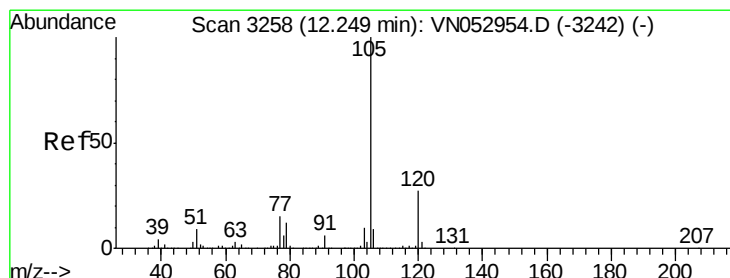
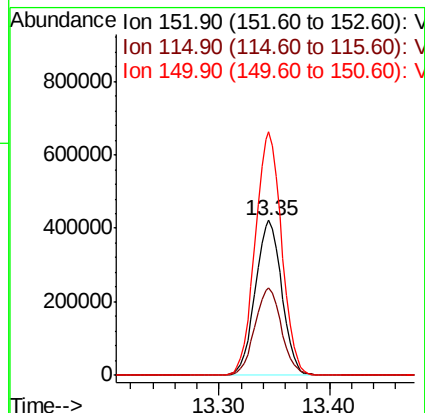
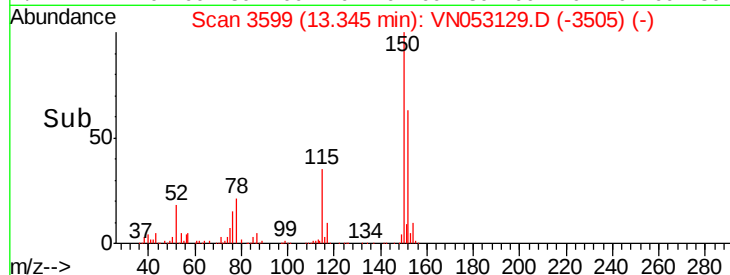
150 156.3 0.0 347.8



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: 0.317 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053129.D

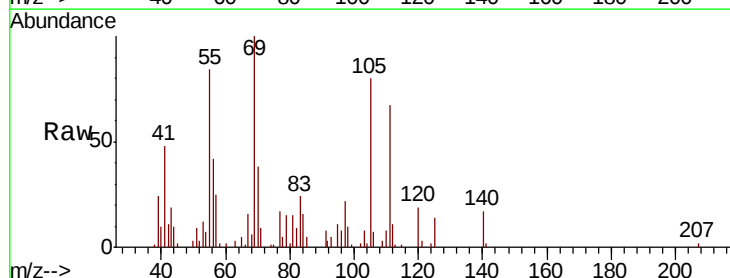
Acq: 22 Dec 2018 13:38

Tgt Ion:105 Resp: 17375

Ion Ratio Lower Upper

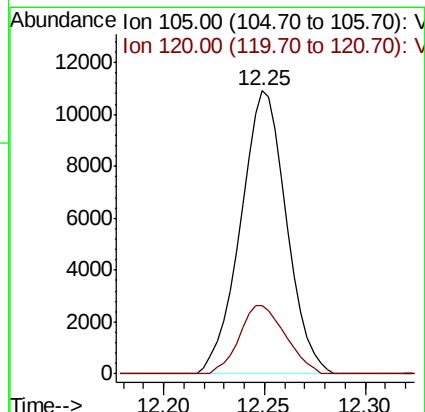
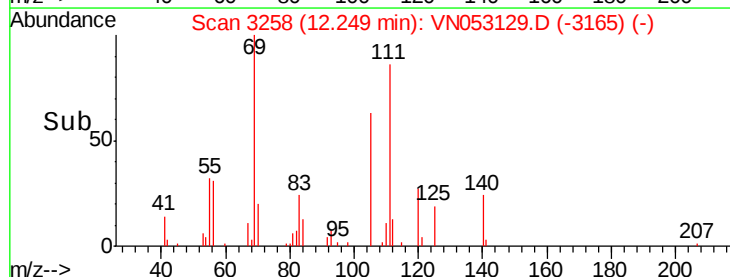
105 100

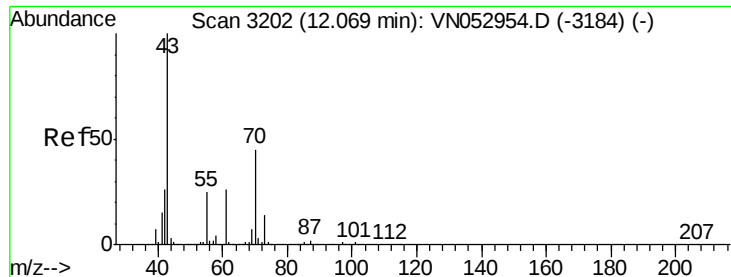
120 24.4 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

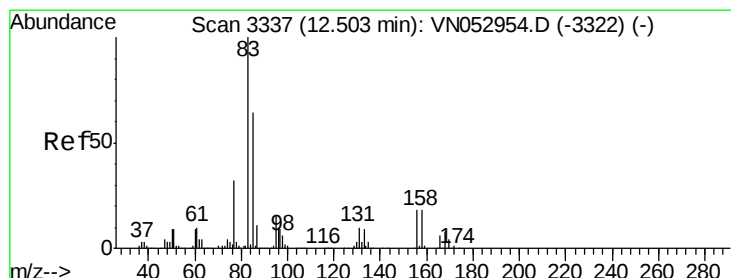
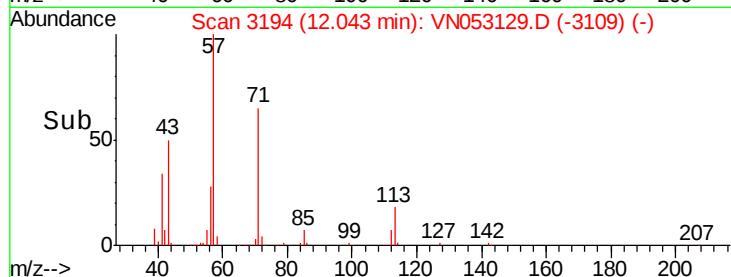
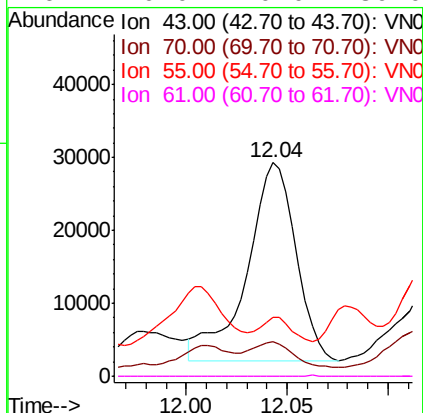
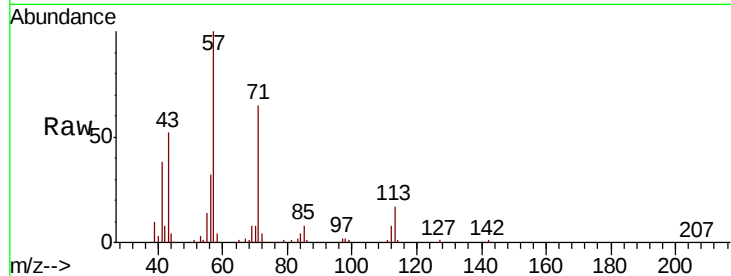




#74
N-amyl acetate
Concen: 3.009 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.03 min
Lab File: VN053129.D
Acq: 22 Dec 2018 13:38

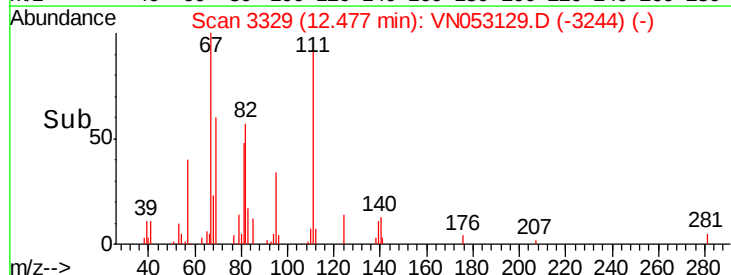
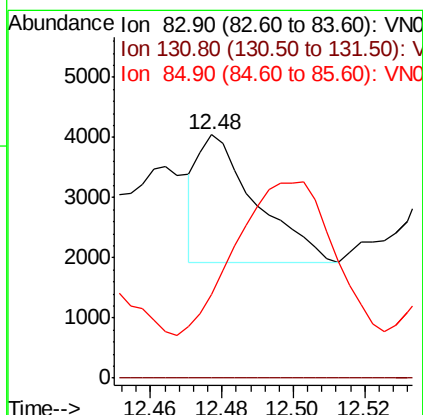
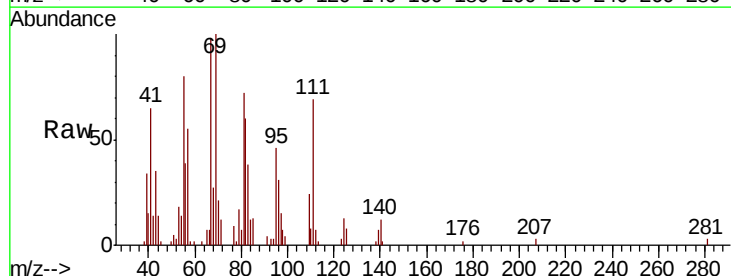
Instrument :
MSVOA_N
ClientSampleId :
SU-02-121818-B

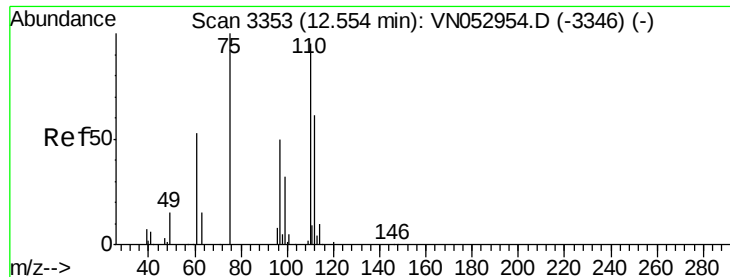
Tot Ion: 43 Resp: 45772
Ion Ratio Lower Upper
43 100
70 11.0 34.2 51.4#
55 6.7 20.3 30.5#
61 0.0 20.0 30.0#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.220 ug/l
RT: 12.48 min Scan# 3329
Delta R.T. -0.03 min
Lab File: VN053129.D
Acq: 22 Dec 2018 13:38

Tgt Ion: 83 Resp: 2363
Ion Ratio Lower Upper
83 100
131 0.0 5.2 15.6#
85 0.0 32.4 97.0#

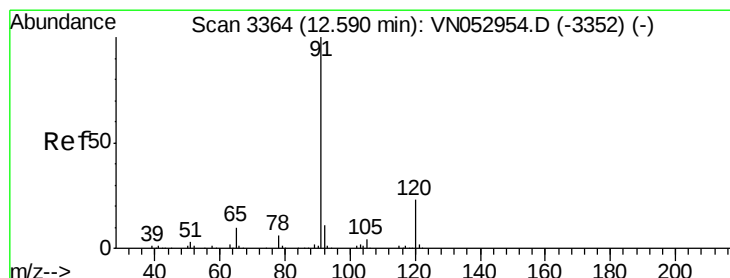
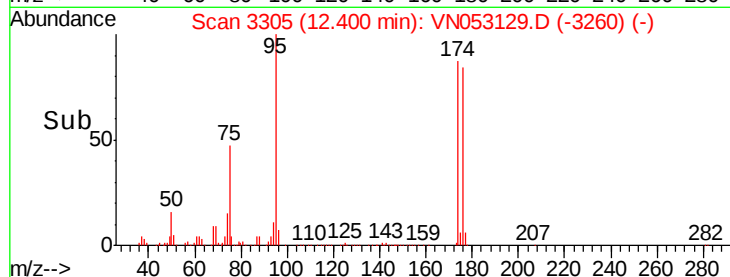
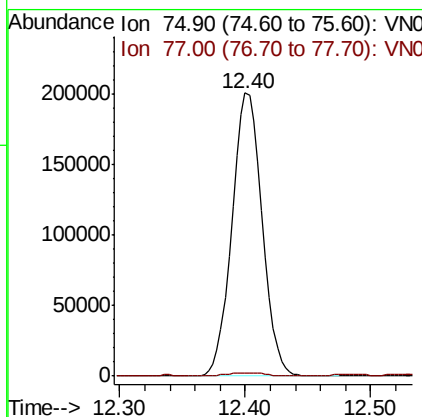
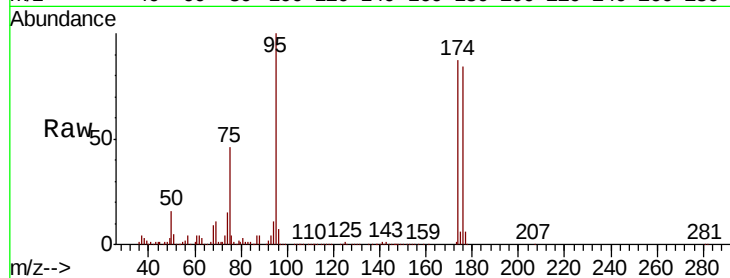




#76
 1,2,3-Trichloropropane
 Concen: 28.435 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN053129.D
 Acq: 22 Dec 2018 13:38

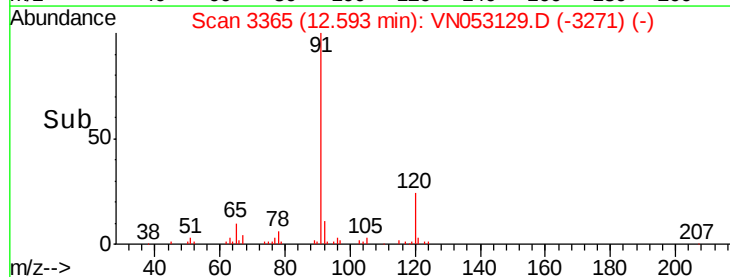
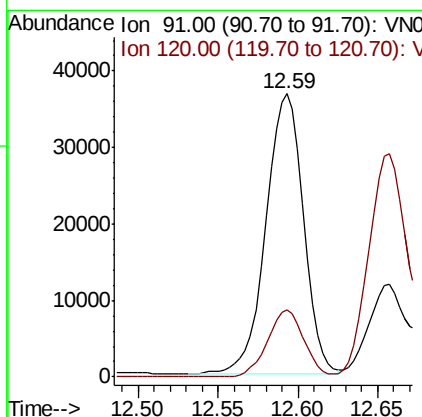
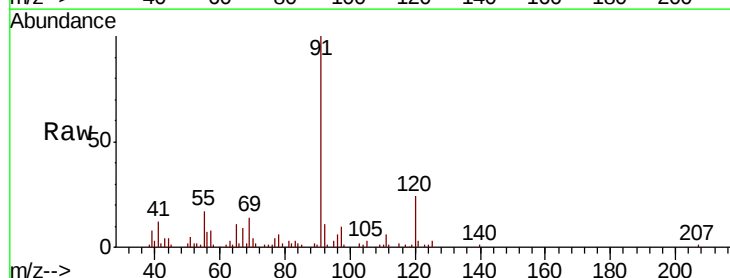
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-121818-B

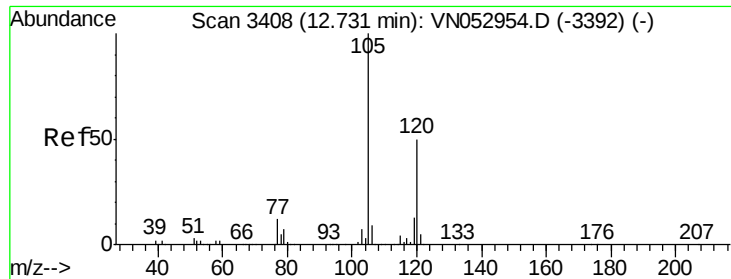
Tot Ion: 75 Resp: 335244
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#78
 n-propylbenzene
 Concen: 0.960 ug/l
 RT: 12.59 min Scan# 3365
 Delta R.T. 0.00 min
 Lab File: VN053129.D
 Acq: 22 Dec 2018 13:38

Tgt Ion: 91 Resp: 59940
 Ion Ratio Lower Upper
 91 100
 120 23.2 11.5 34.5

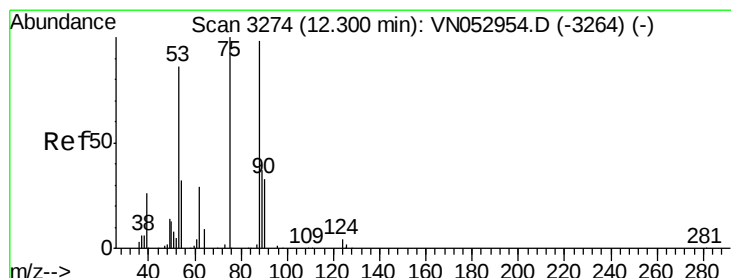
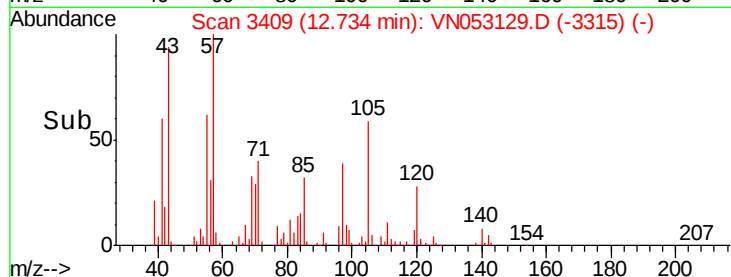
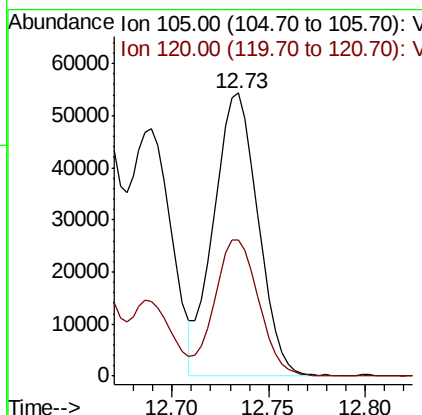
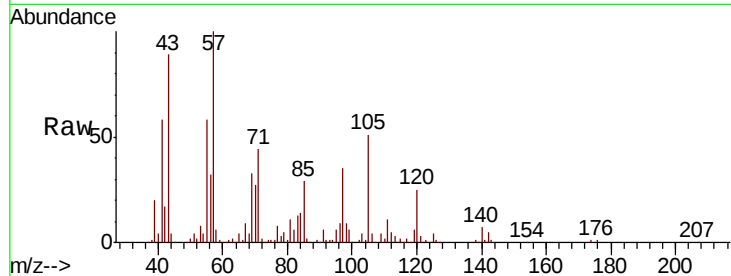




#80
 1,3,5-Trimethylbenzene
 Concen: 1.945 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053129.D
 Acq: 22 Dec 2018 13:38

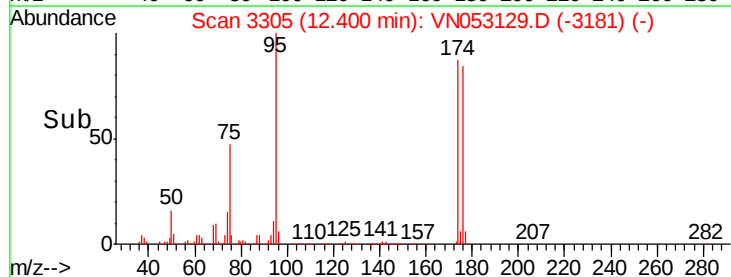
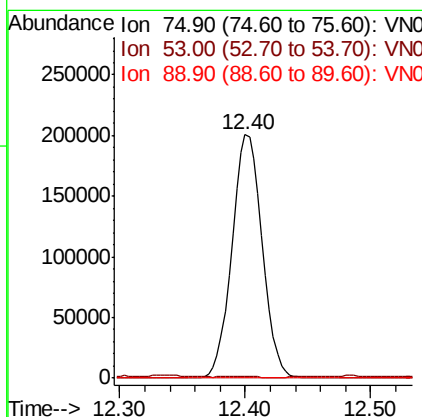
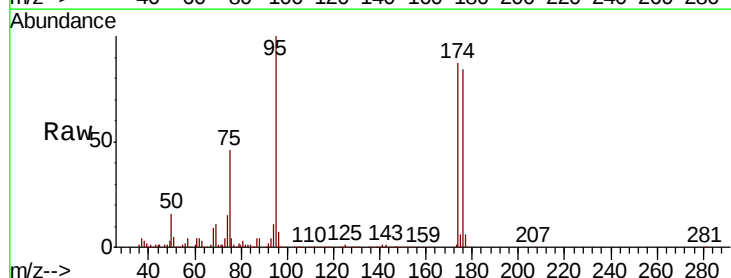
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-121818-B

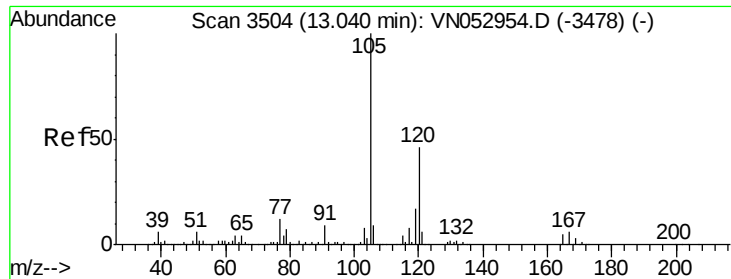
Tot Ion:105 Resp: 86887
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.4 73.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.650 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN053129.D
 Acq: 22 Dec 2018 13:38

Tgt Ion: 75 Resp: 335244
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.7 112.1#
 89 0.0 36.1 54.1#

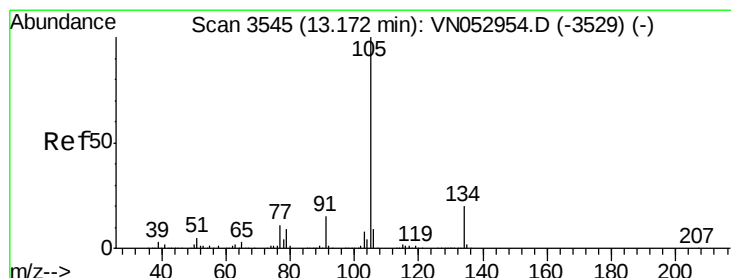
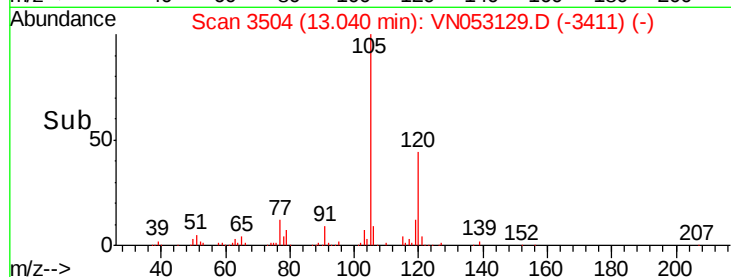
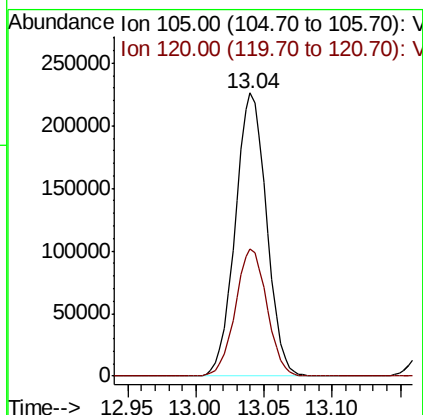
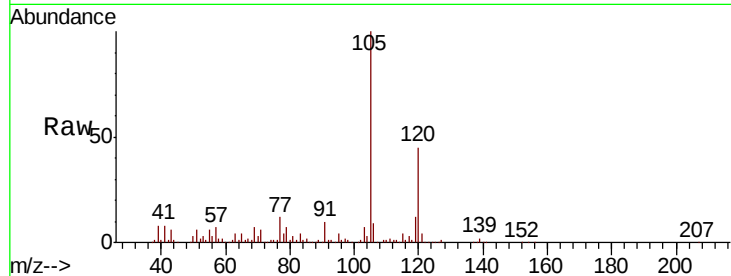




#84
 1,2,4-Trimethylbenzene
 Concen: 8.016 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN053129.D
 Acq: 22 Dec 2018 13:38

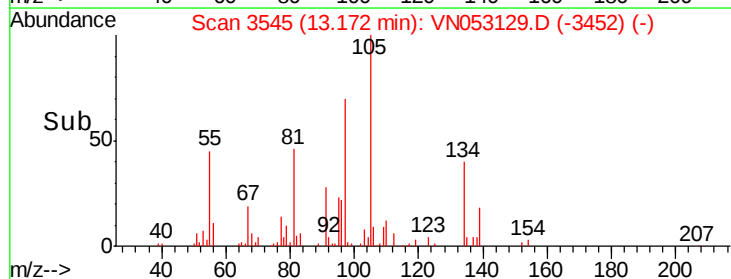
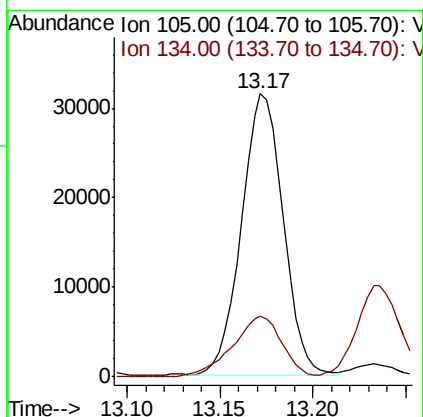
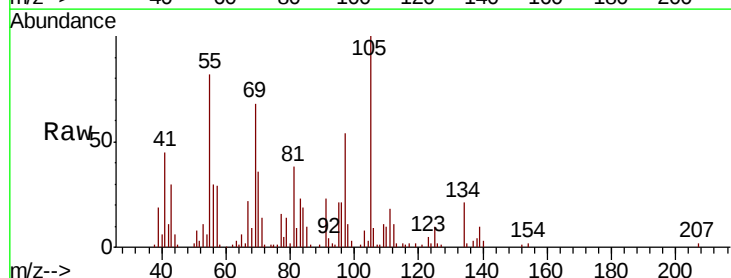
Instrument :
 MSVOA_N
 ClientSampled :
 SU-02-121818-B

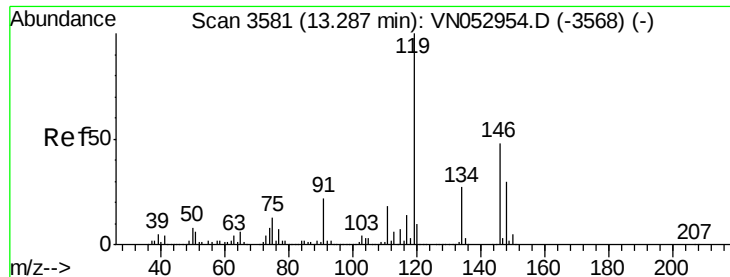
Tot Ion:105 Resp: 359909
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.9 68.8



#85
 sec-Butylbenzene
 Concen: 0.915 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN053129.D
 Acq: 22 Dec 2018 13:38

Tgt Ion:105 Resp: 48881
 Ion Ratio Lower Upper
 105 100
 134 25.6 10.1 30.3

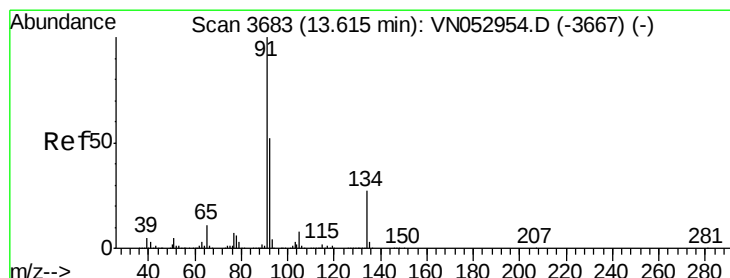
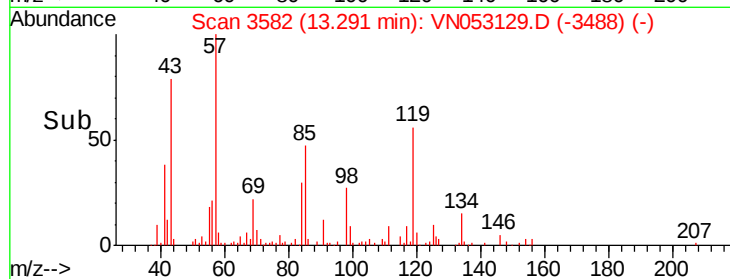
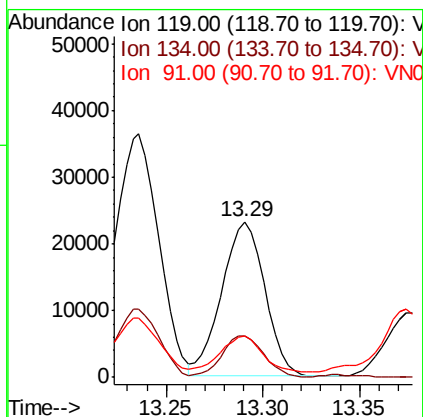
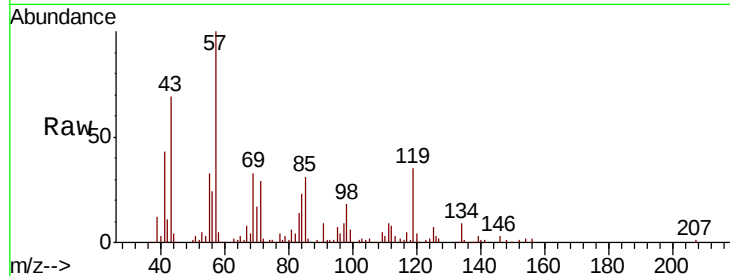




#86
 p-Isopropyltoluene
 Concen: 0.780 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN053129.D
 Acq: 22 Dec 2018 13:38

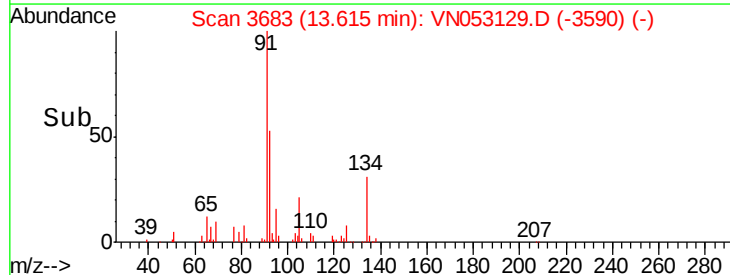
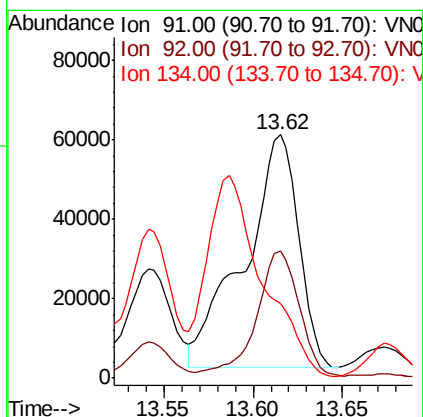
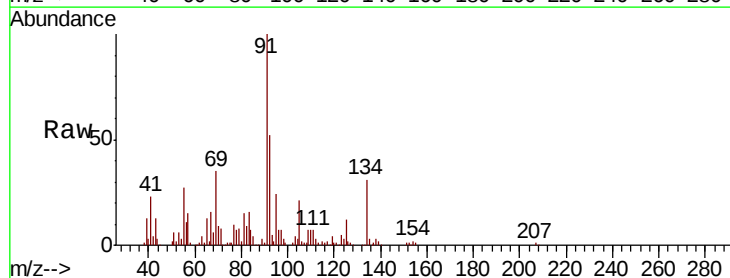
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-121818-B

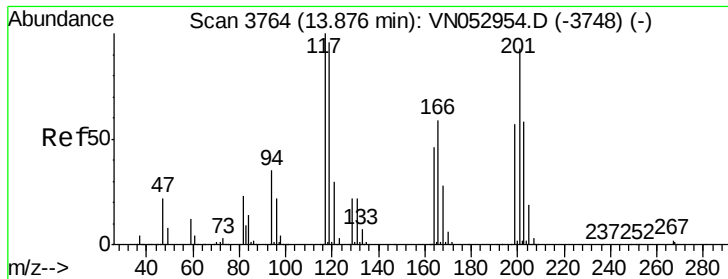
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.4	40.2
91	21.9	11.1	33.3



#89
 n-Butylbenzene
 Concen: 3.128 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. -0.00 min
 Lab File: VN053129.D
 Acq: 22 Dec 2018 13:38

Tgt Ion	Ratio	Lower	Upper
91	100		
92	42.3	26.3	78.9
134	0.0	13.3	39.8#





#90

Hexachloroethane

Concen: 2.826 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053129.D

Acq: 22 Dec 2018 13:38

Instrument :

MSVOA_N

ClientSampleId :

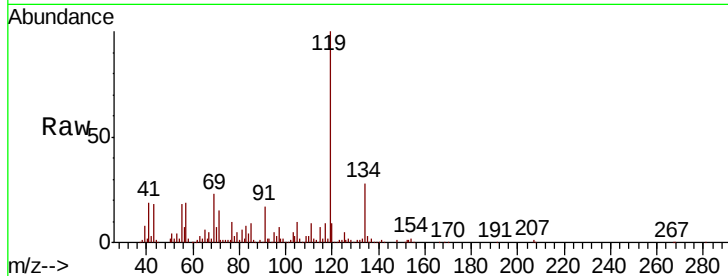
SU-02-121818-B

Tot Ion:117 Resp: 20020

Ion Ratio Lower Upper

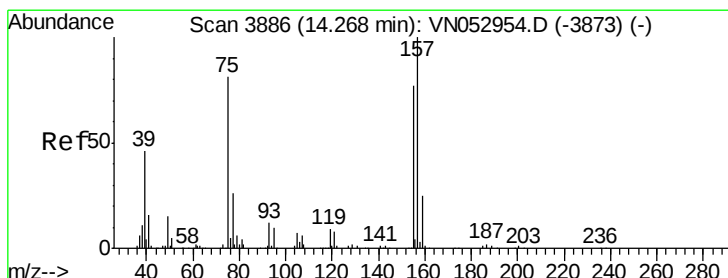
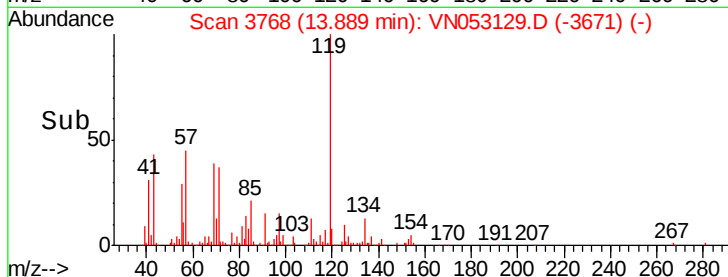
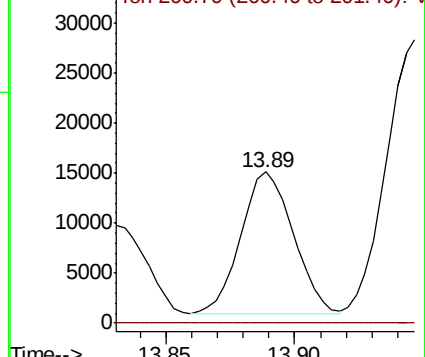
117 100

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: 0.856 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN053129.D

Acq: 22 Dec 2018 13:38

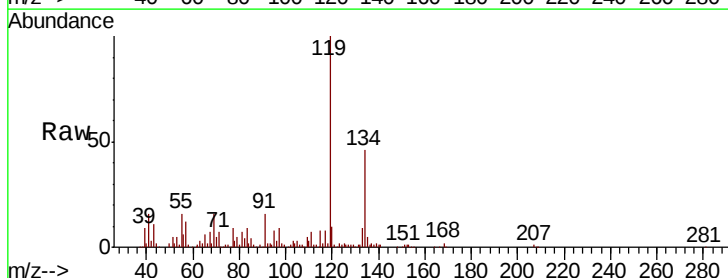
Tgt Ion: 75 Resp: 1592

Ion Ratio Lower Upper

75 100

155 8.7 48.2 144.6#

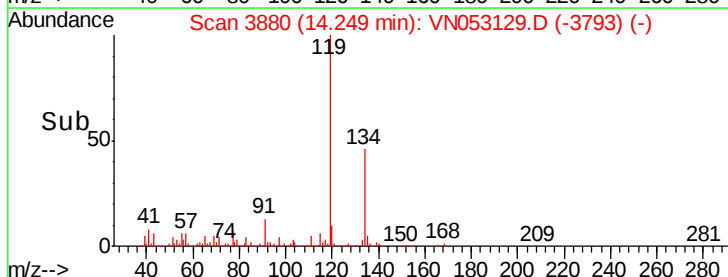
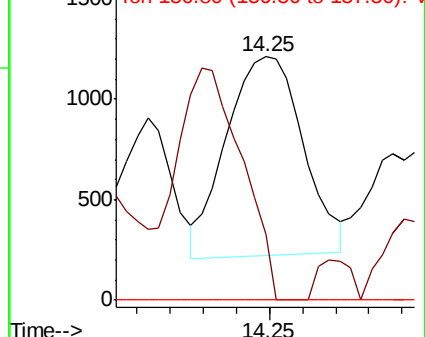
157 0.0 61.2 183.5#

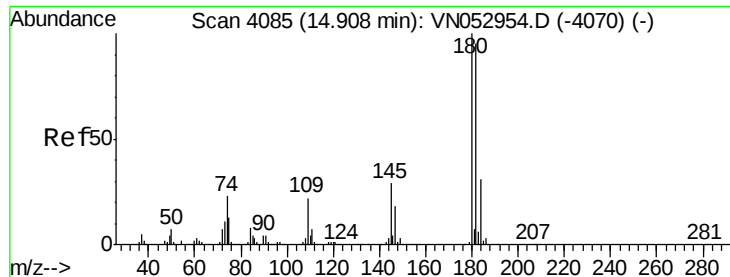


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 1.364 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN053129.D

Acq: 22 Dec 2018 13:38

Instrument :

MSVOA_N

ClientSampleId :

SU-02-121818-B

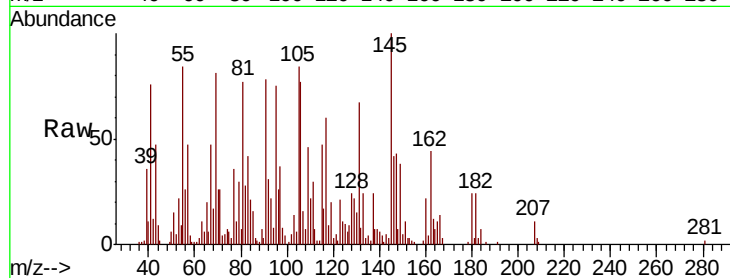
Tot Ion:180 Resp: 9769

Ion Ratio Lower Upper

180 100

182 89.6 47.8 143.3

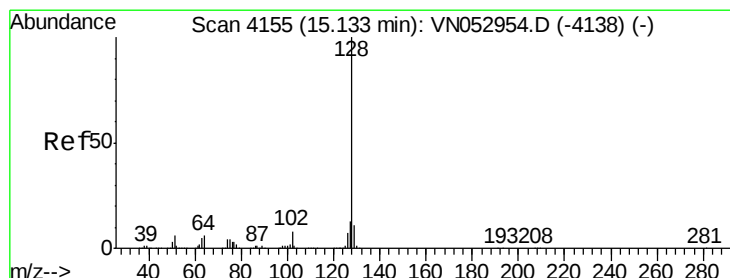
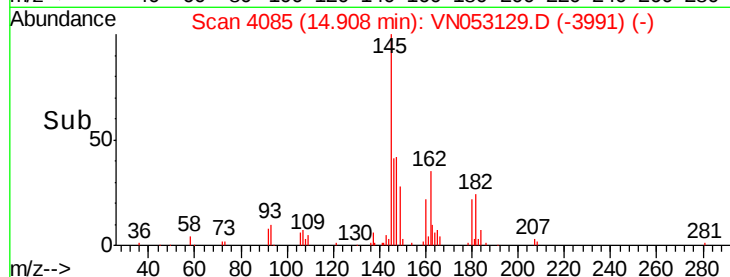
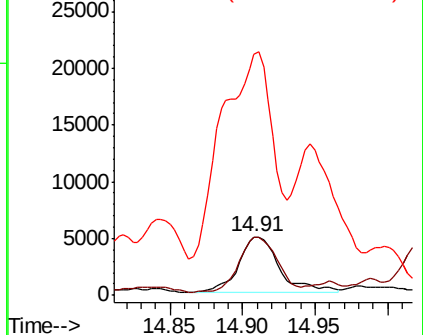
145 495.8 14.2 42.6#



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: 30.877 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN053129.D

Acq: 22 Dec 2018 13:38

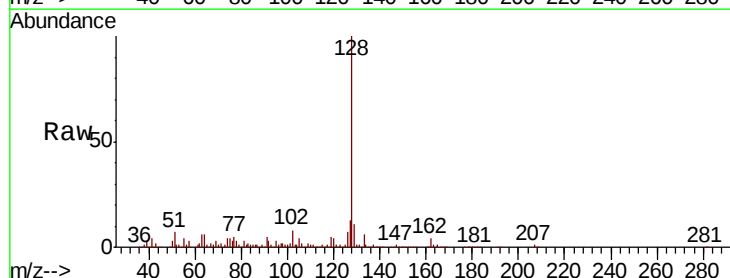
Tgt Ion:128 Resp: 837879

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

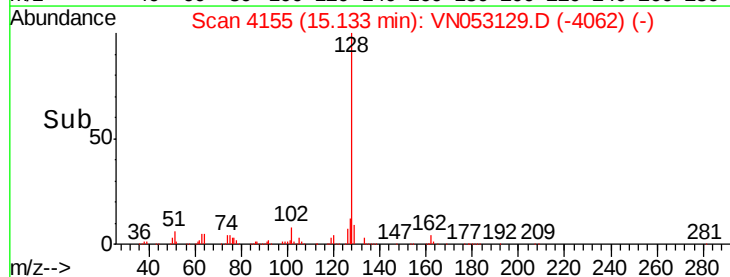
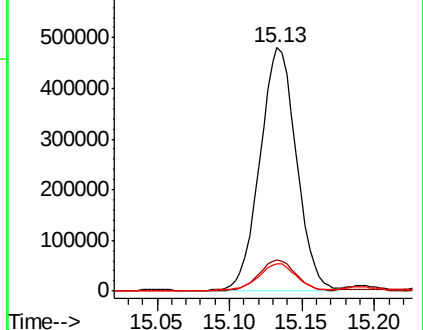
129 11.6 8.6 13.0

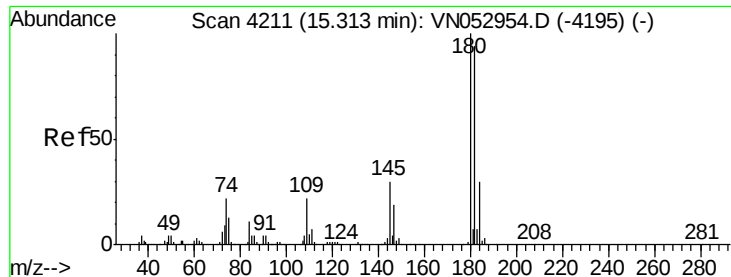


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

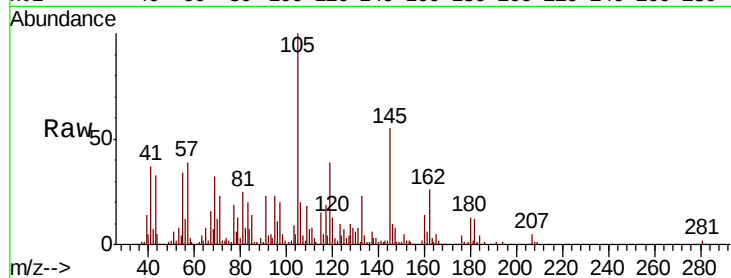




#96
 1,2,3-Trichlorobenzene
 Concen: 1.362 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN053129.D
 Acq: 22 Dec 2018 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-121818-B

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.5	47.9	143.7
145	471.5	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

