

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053050.D
 Acq On : 20 Dec 2018 12:21
 Operator : MD\SY
 Sample : J6452-01MEDL 10X
 Misc : 8.01g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 00:15:44 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	1303507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1980785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1823522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	816374	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	624343	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
35) Dibromofluoromethane	7.59	113	507542	56.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.18%	
50) Toluene-d8	10.09	98	2451388	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
62) 4-Bromofluorobenzene	12.40	95	868026	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	

Target Compounds

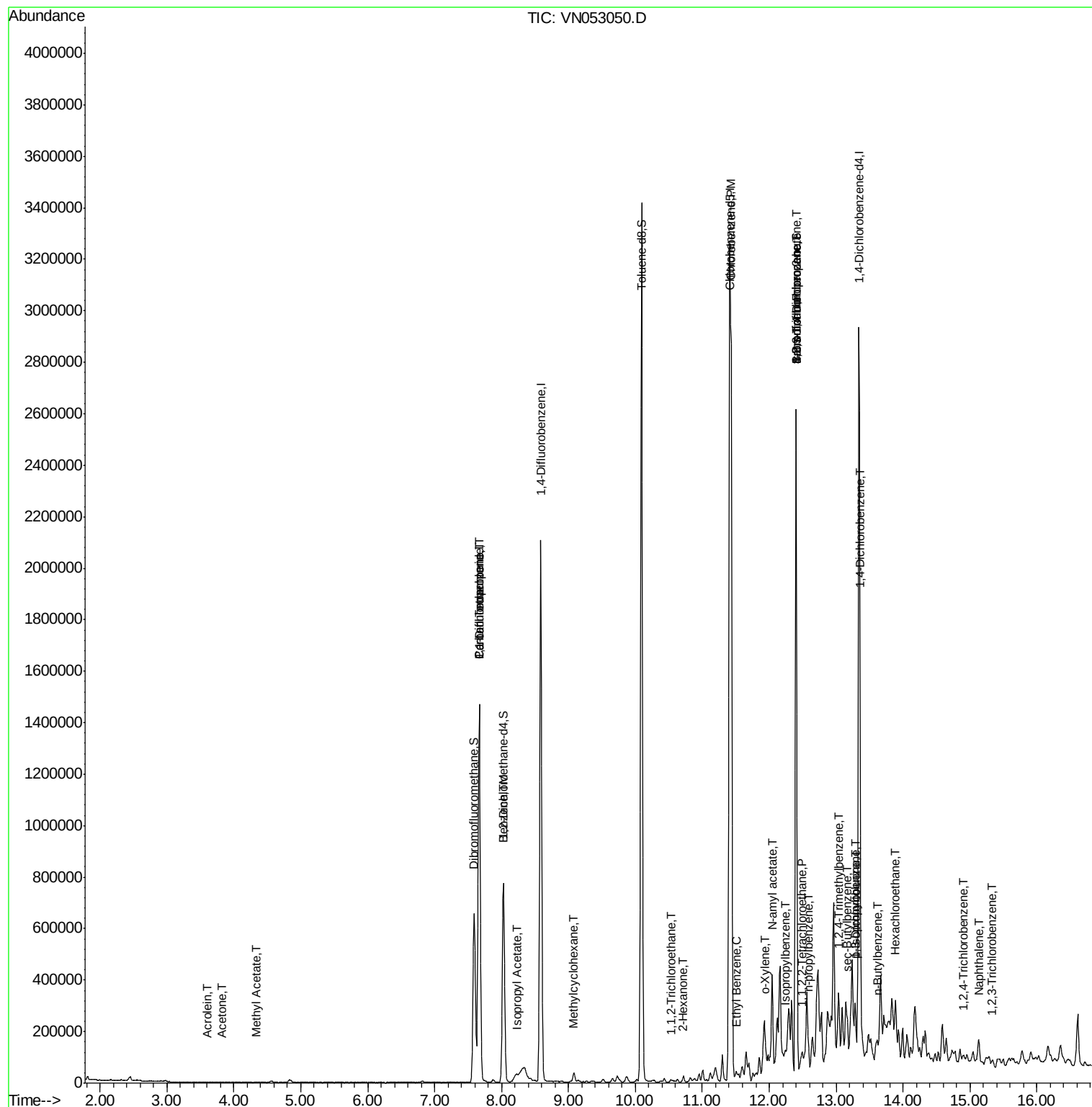
						Qvalue
13) Acrolein	3.61	56	202	0.276	ug/l #	32
16) Acetone	3.82	43	2332	0.899	ug/l #	43
18) Methyl Acetate	4.33	43	4921	1.402	ug/l #	84
36) 1,1-Dichloropropene	7.66	75	85500	4.497	ug/l #	49
38) Carbon Tetrachloride	7.67	117	112031	6.429	ug/l #	16
39) Methylcyclohexane	9.08	83	16291	0.705	ug/l	98
40) Benzene	8.04	78	48778	0.863	ug/l	100
43) Isopropyl Acetate	8.23	43	26338	0.243	ug/l #	55
55) 1,1,2-Trichloroethane	10.53	97	3348	0.274	ug/l #	22
59) 2-Hexanone	10.72	43	9517	1.369	ug/l #	27
65) Chlorobenzene	11.43	112	1502467	37.169	ug/l	99
67) Ethyl Benzene	11.51	91	23176	0.333	ug/l	98
69) o-Xylene	11.95	106	10229	0.403	ug/l	91
71) Bromoform	12.40	173	5274	0.519	ug/l #	1
73) Isopropylbenzene	12.25	105	15965	0.250	ug/l	99
74) N-amyl acetate	12.04	43	80411	4.534	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.48	83	5991	0.478	ug/l #	31
76) 1,2,3-Trichloropropane	12.40	75	397796	28.946	ug/l #	100
78) n-propylbenzene	12.59	91	54207	0.745	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	397796	93.296	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	97083	1.855	ug/l	99
85) sec-Butylbenzene	13.17	105	33362	0.536	ug/l #	68
86) p-Isopropyltoluene	13.29	119	16219	0.301	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	24418	0.831	ug/l #	72
88) 1,4-Dichlorobenzene	13.36	146	66585	2.237	ug/l #	85
89) n-Butylbenzene	13.61	91	31512	0.681	ug/l #	87
90) Hexachloroethane	13.89	117	5056	0.612	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	2756	0.782	ug/l #	1
94) Hexachlorobutadiene	15.01	225	352	Below Cal		92
95) Naphthalene	15.13	128	57501	2.897	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.32	180	2582	0.702	ug/l #	49

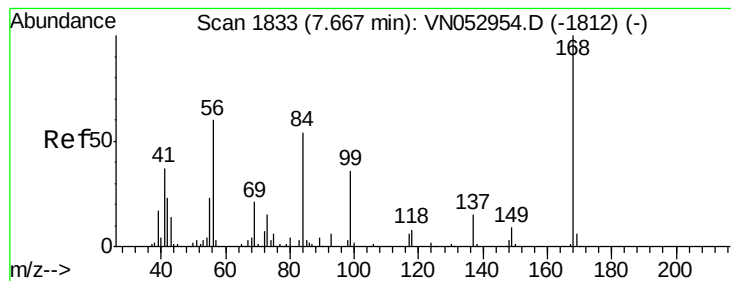
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053050.D

Acq: 20 Dec 2018 12:21

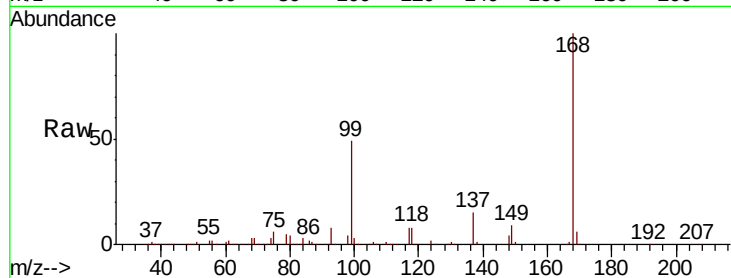
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 1303507

Ion Ratio Lower Upper

168 100

99 49.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

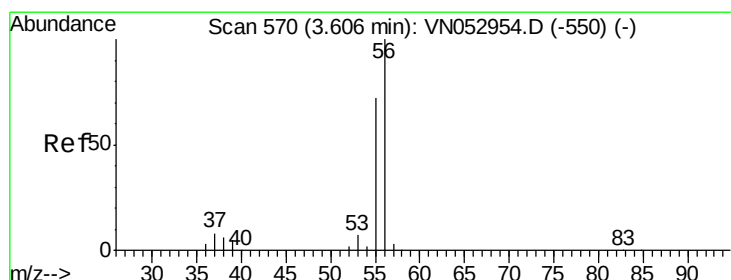
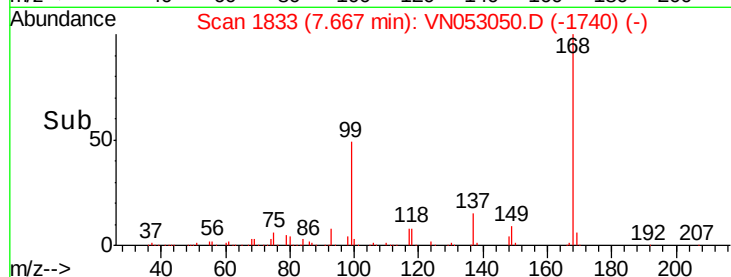
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 0.276 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053050.D

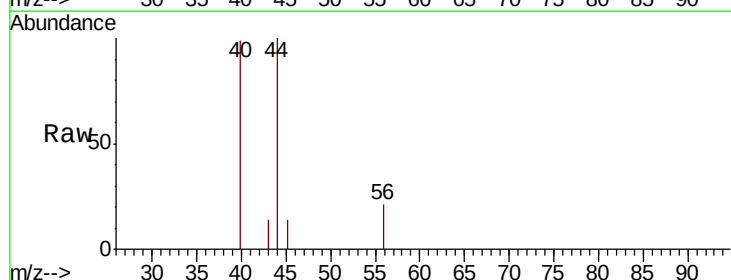
Acq: 20 Dec 2018 12:21

Tgt Ion: 56 Resp: 202

Ion Ratio Lower Upper

56 100

55 14.4 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

250

200

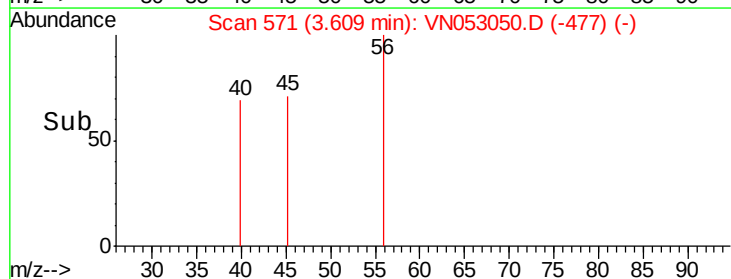
150

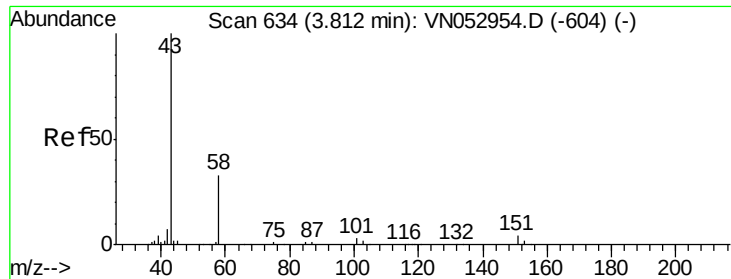
100

50

0

Time-->

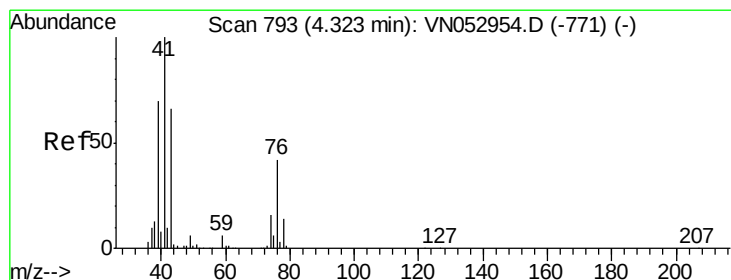
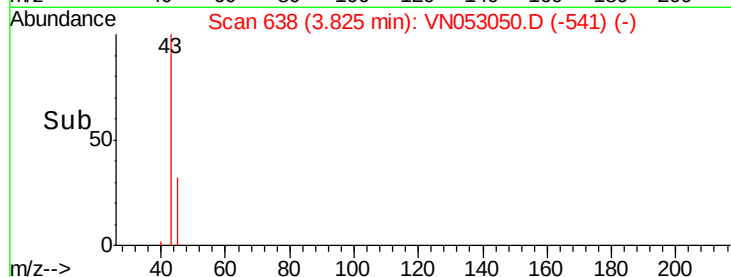
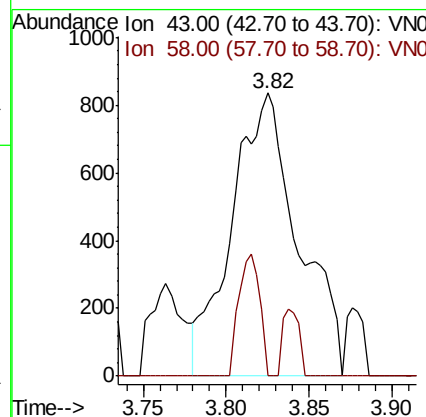
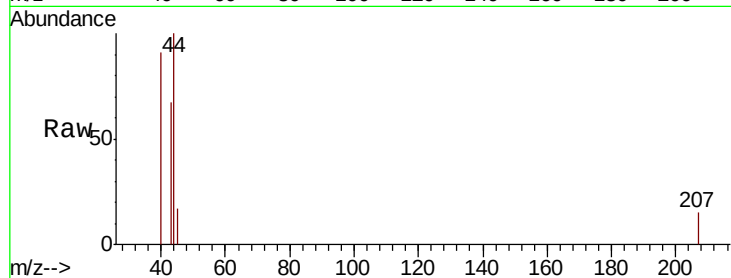




#16
Acetone
Concen: 0.899 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

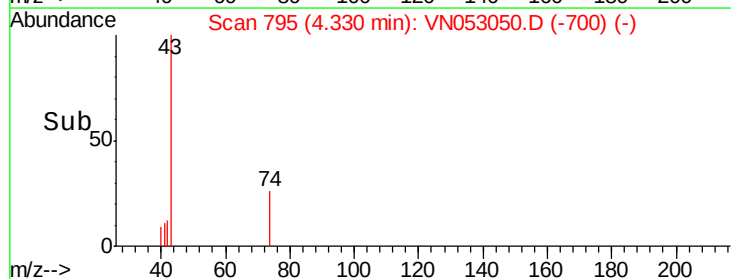
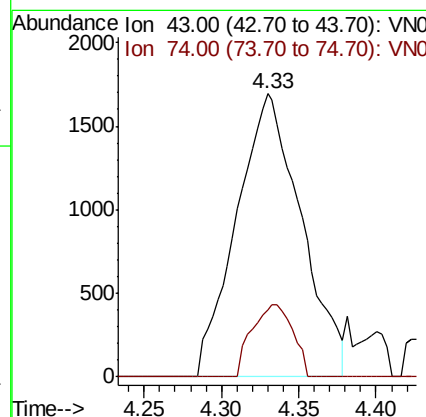
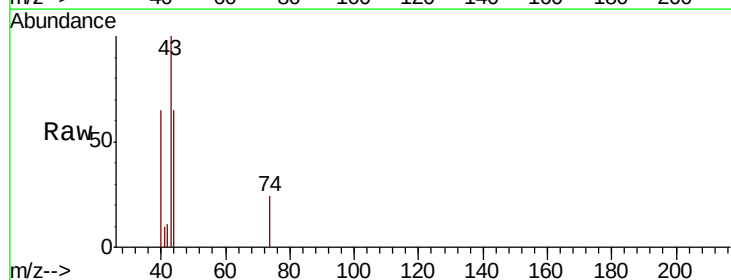
Instrument :
MSVOA_N
ClientSampled :

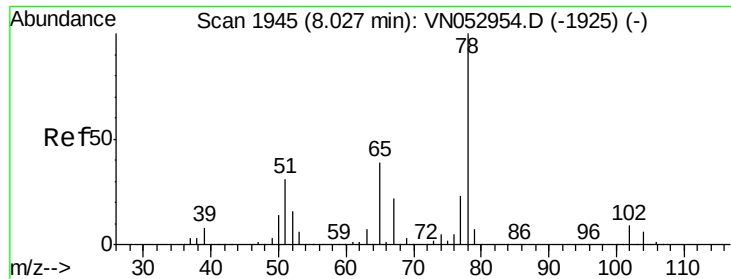
Tot Ion: 43 Resp: 2332
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.0#



#18
Methyl Acetate
Concen: 1.402 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Tgt Ion: 43 Resp: 4921
Ion Ratio Lower Upper
43 100
74 16.0 19.2 28.8#

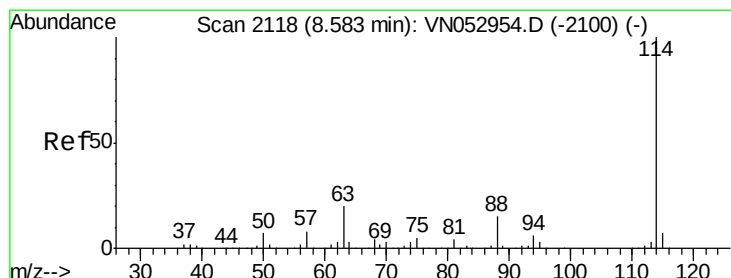
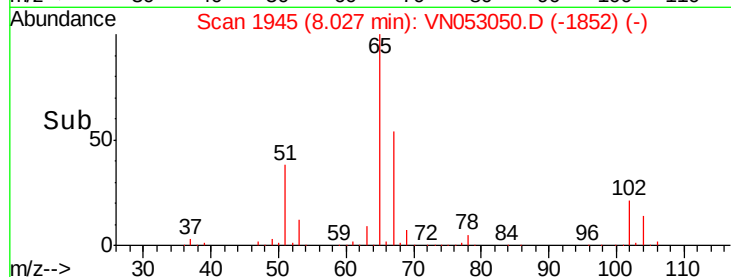
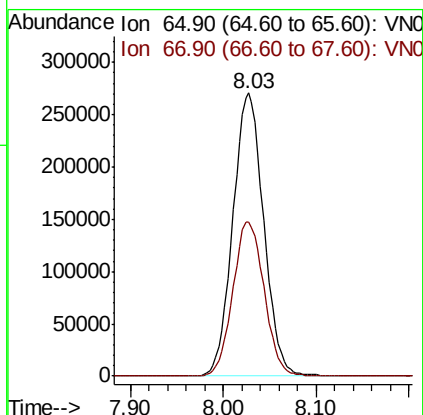
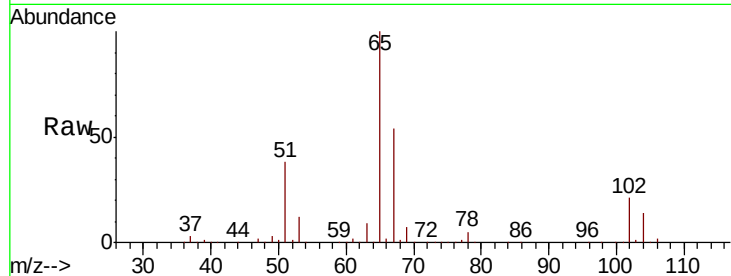




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053050.D
 Acq: 20 Dec 2018 12:21

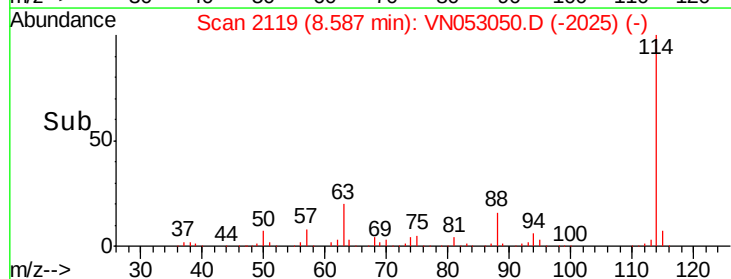
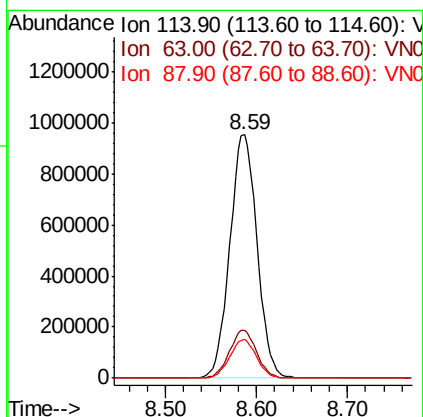
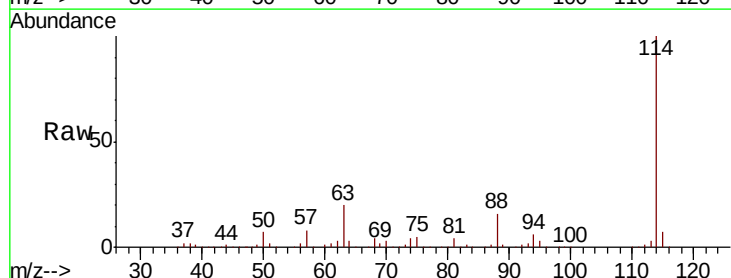
Instrument :
 MSVOA_N
 ClientSampleId :

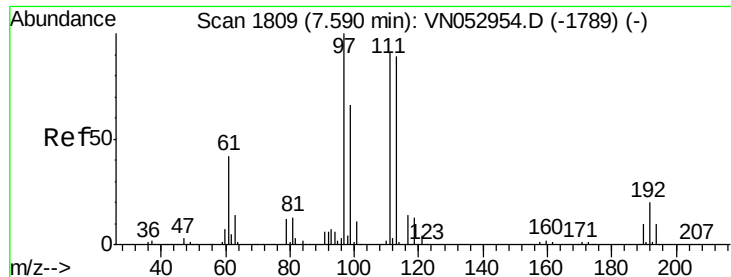
Tot Ion: 65 Resp: 624343
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053050.D
 Acq: 20 Dec 2018 12:21

Tgt Ion: 114 Resp: 1980785
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.8 0.0 31.0

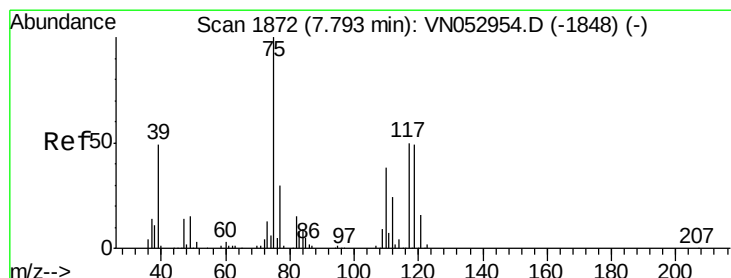
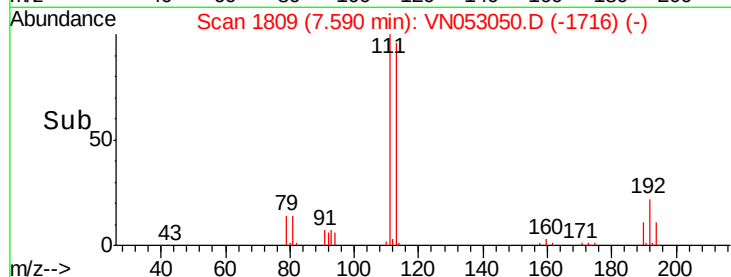
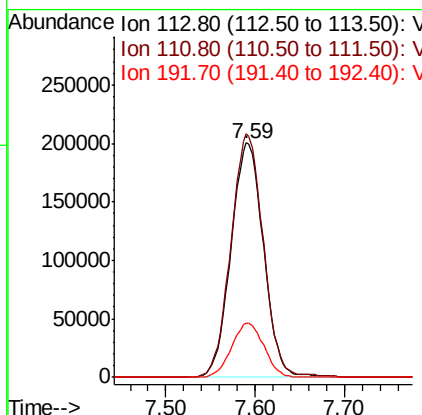
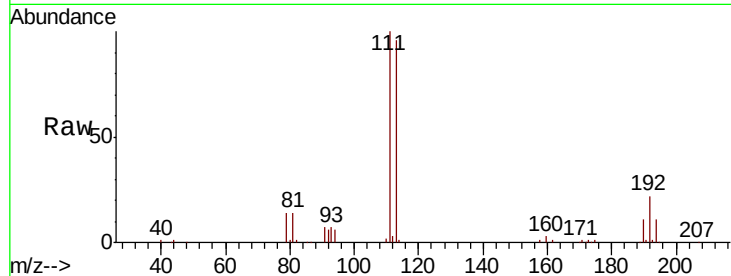




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053050.D
 Acq: 20 Dec 2018 12:21

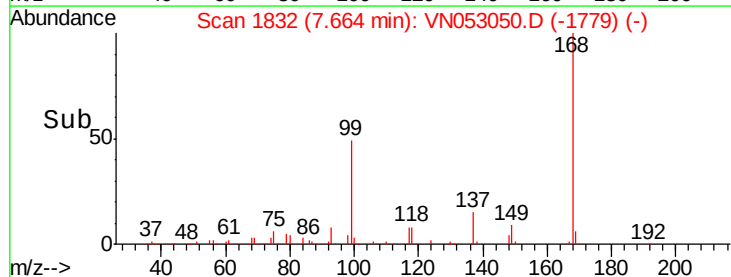
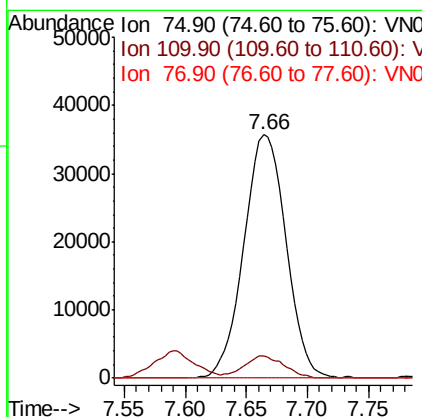
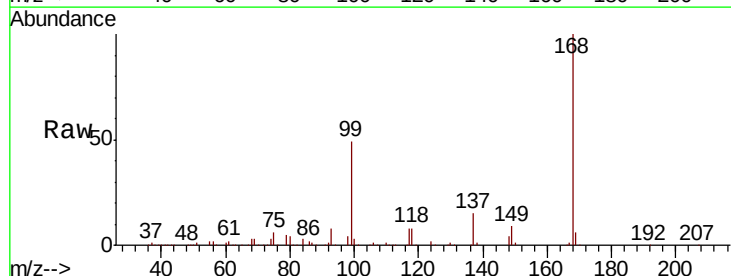
Instrument :
 MSVOA_N
 ClientSampled :

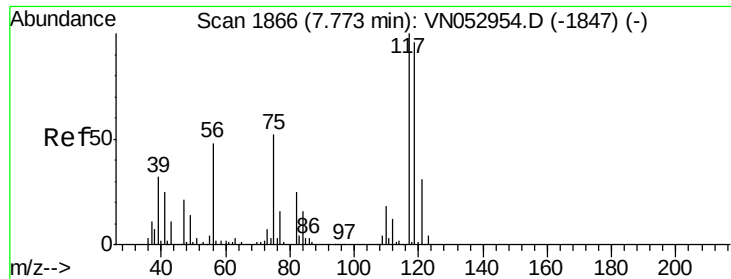
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.0	124.4
192	23.2	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 4.497 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053050.D
 Acq: 20 Dec 2018 12:21

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

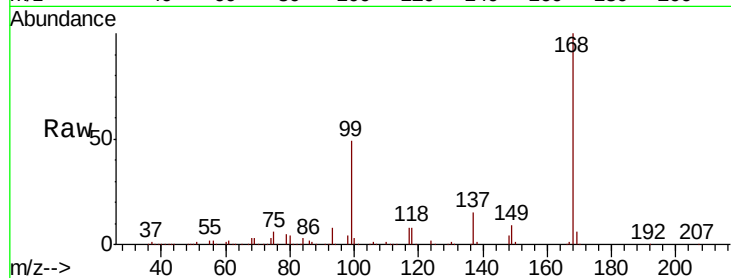




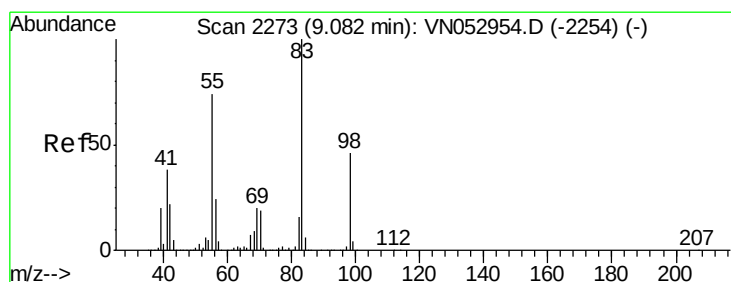
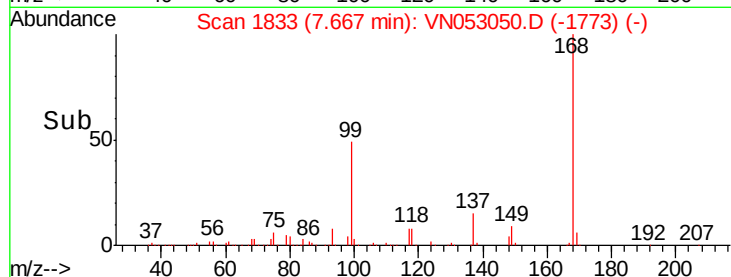
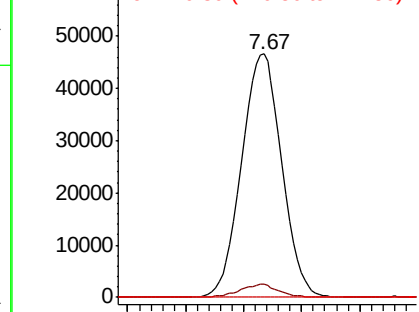
#38
Carbon Tetrachloride
Concen: 6.429 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 112031
Ion Ratio Lower Upper
117 100
119 5.4 77.1 115.7#
121 0.0 24.9 37.3#

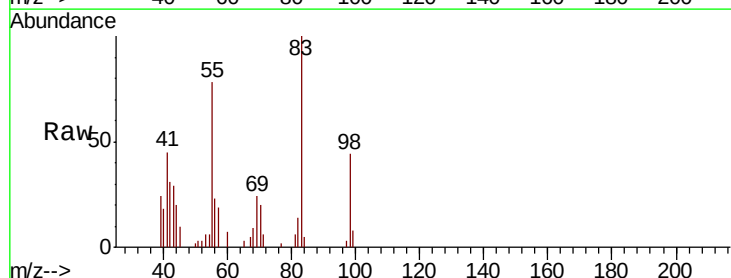


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

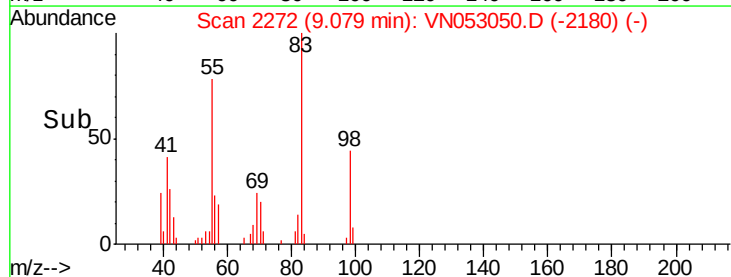
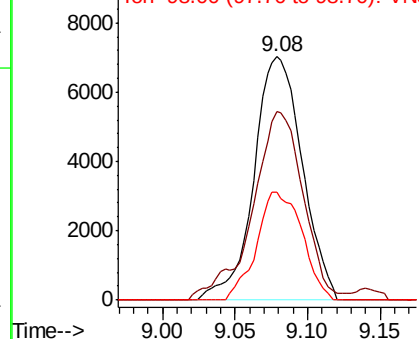


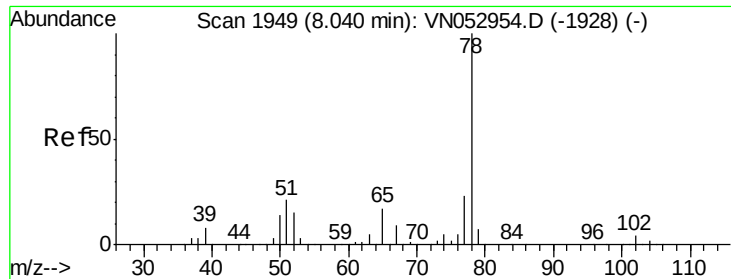
#39
Methylcyclohexane
Concen: 0.705 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Tgt Ion: 83 Resp: 16291
Ion Ratio Lower Upper
83 100
55 75.2 61.3 91.9
98 44.4 37.0 55.4



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





#40

Benzene

Concen: 0.863 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN053050.D

Acq: 20 Dec 2018 12:21

Instrument :

MSVOA_N

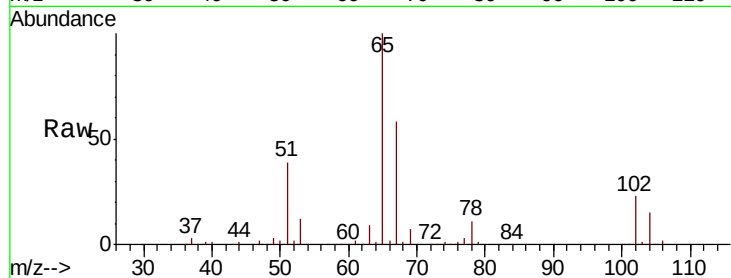
ClientSampleId :

Tot Ion: 78 Resp: 48778

Ion Ratio Lower Upper

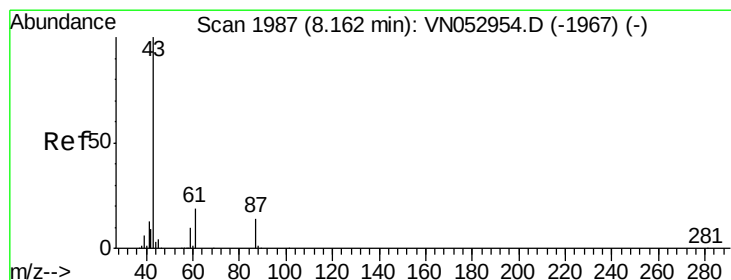
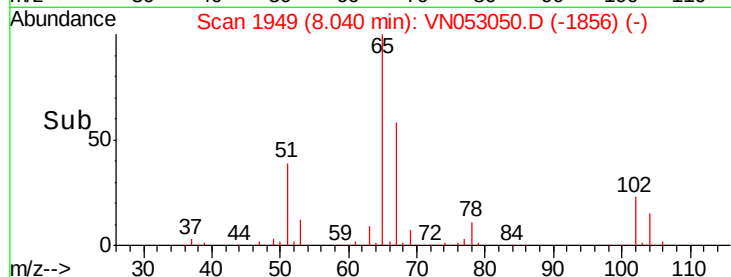
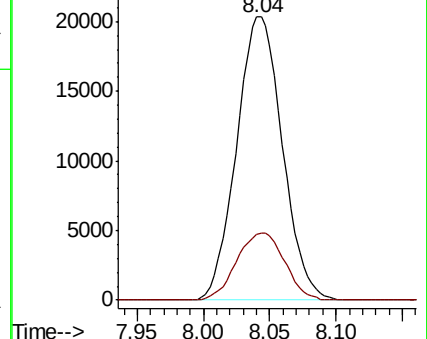
78 100

77 23.3 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: 0.243 ug/l

RT: 8.23 min Scan# 2007

Delta R.T. 0.06 min

Lab File: VN053050.D

Acq: 20 Dec 2018 12:21

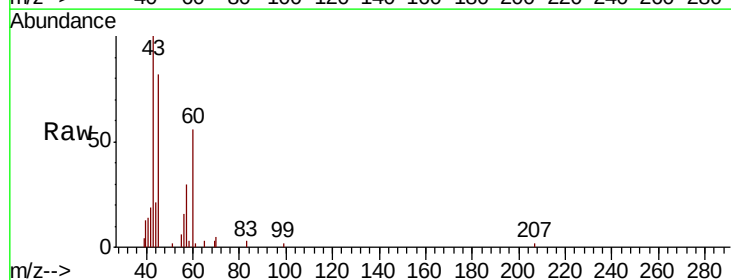
Tgt Ion: 43 Resp: 26338

Ion Ratio Lower Upper

43 100

61 1.4 22.9 34.3#

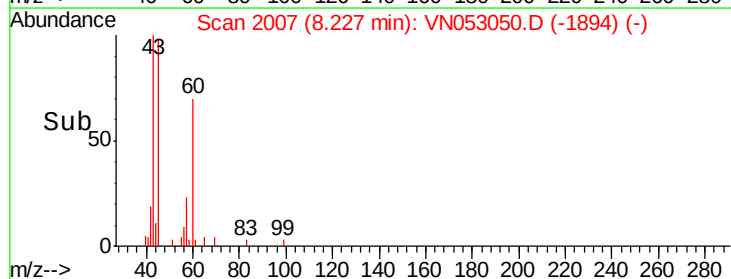
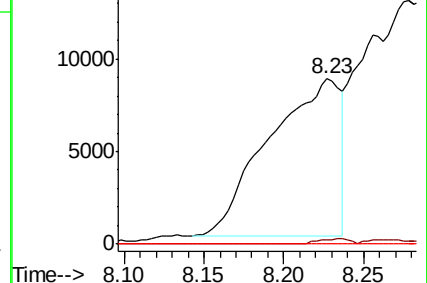
87 0.0 10.6 15.8#

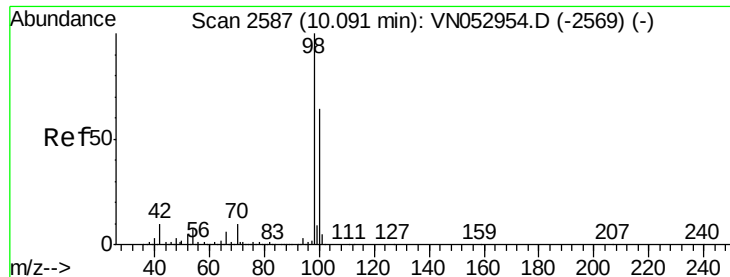


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053050.D

Acq: 20 Dec 2018 12:21

Instrument :

MSVOA_N

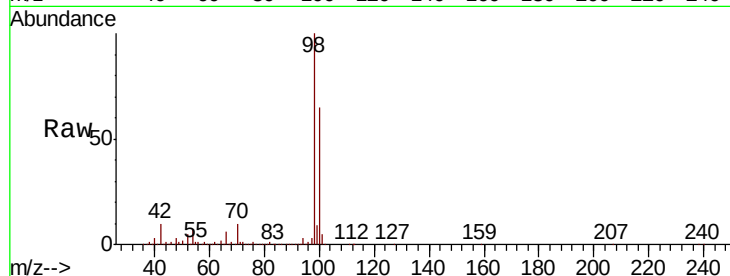
ClientSampleId :

Tot Ion: 98 Resp: 2451388

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN053050.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053050.D (-2494) (-)

10.09

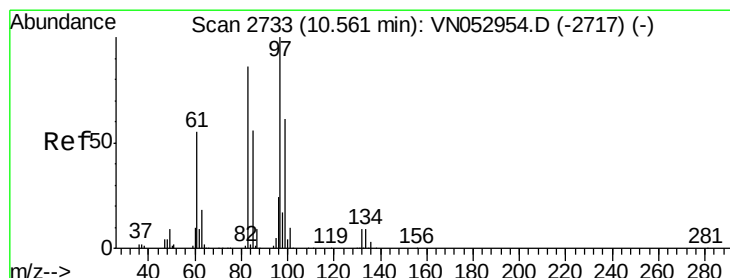
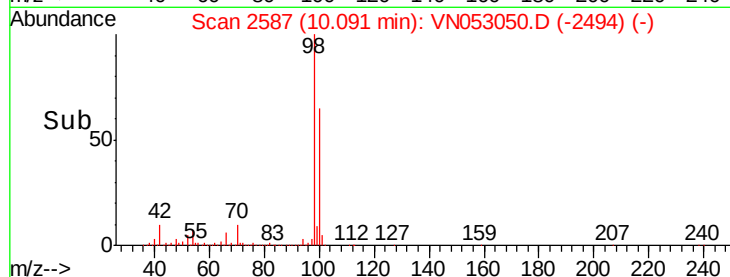
1500000

1000000

500000

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 0.274 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. -0.03 min

Lab File: VN053050.D

Acq: 20 Dec 2018 12:21

Tgt Ion: 97 Resp: 3348

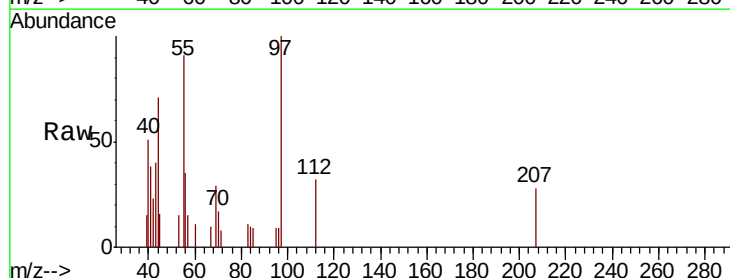
Ion Ratio Lower Upper

97 100

83 10.9 70.9 106.3#

85 9.0 45.4 68.2#

99 0.0 50.4 75.6#



Abundance Ion 96.90 (96.60 to 97.60): VN053050.D (-2640) (-)

Ion 82.90 (82.60 to 83.60): VN053050.D (-2640) (-)

Ion 84.90 (84.60 to 85.60): VN053050.D (-2640) (-)

Ion 98.90 (98.60 to 99.60): VN053050.D (-2640) (-)

10.53

3000

2500

2000

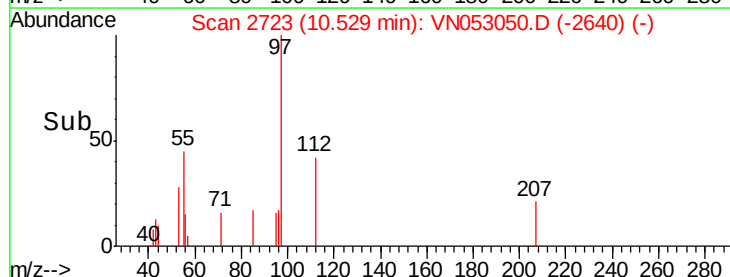
1500

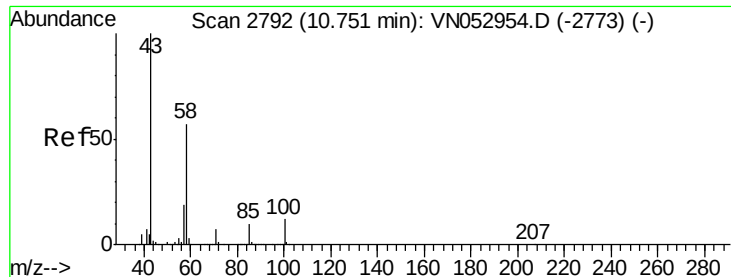
1000

500

0

Time-->

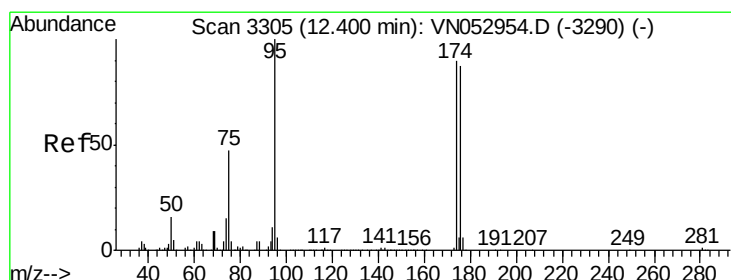
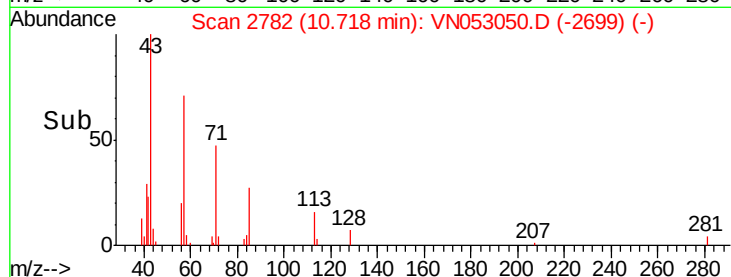
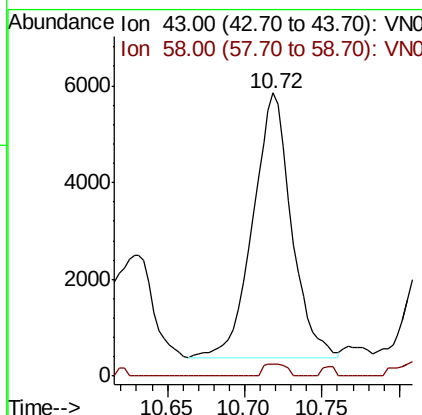
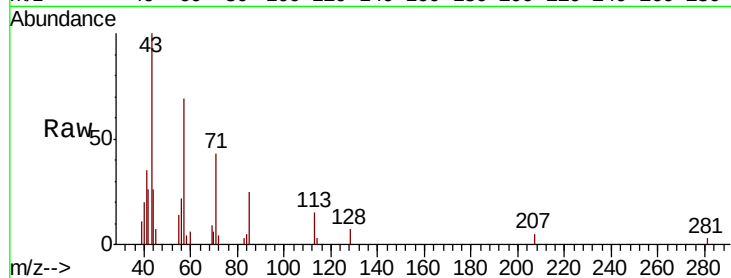




#59
2-Hexanone
Concen: 1.369 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

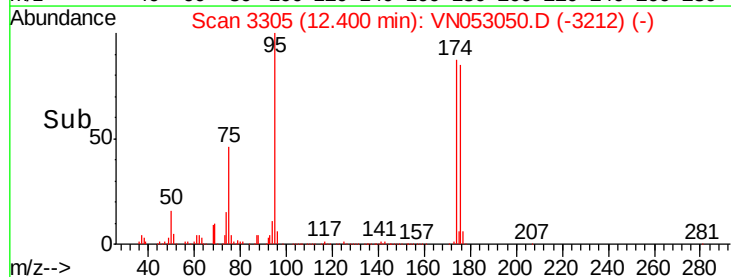
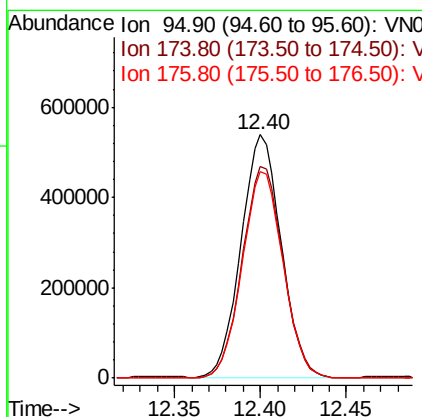
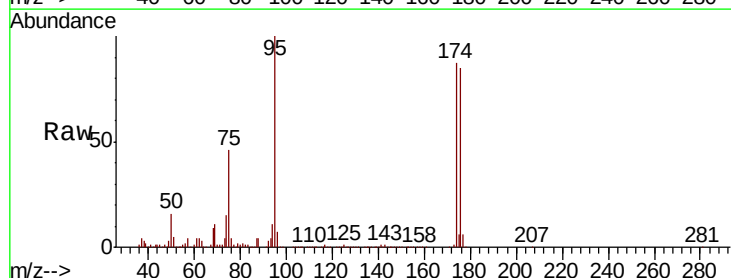
Instrument :
MSVOA_N
ClientSampleId :

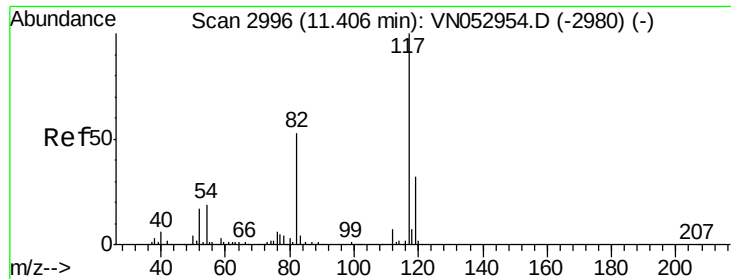
Tot Ion: 43 Resp: 9517
Ion Ratio Lower Upper
43 100
58 2.8 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Tgt Ion: 95 Resp: 868026
Ion Ratio Lower Upper
95 100
174 89.1 0.0 178.8
176 86.7 0.0 173.8

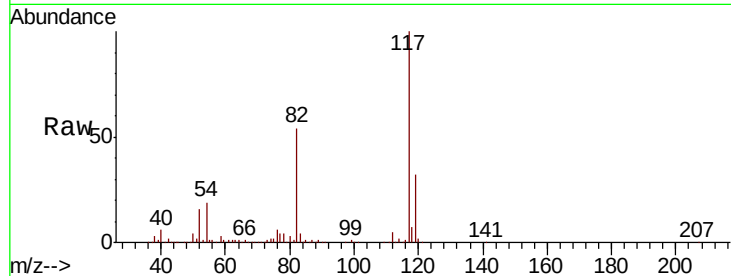




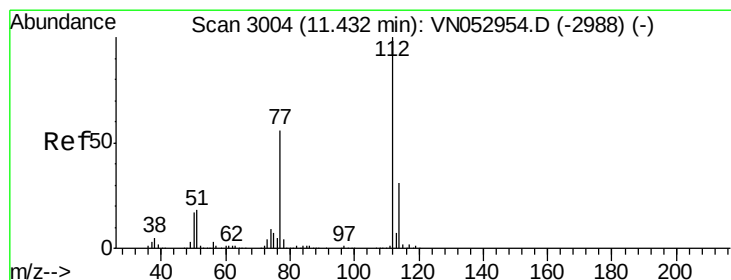
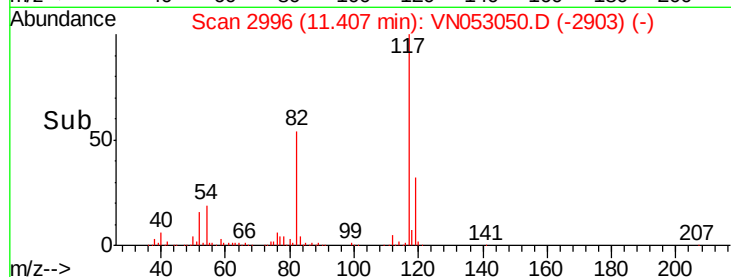
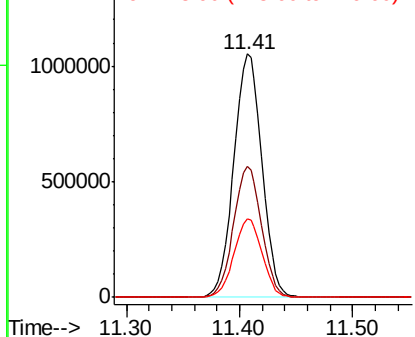
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 1823522
Ion Ratio Lower Upper
117 100
82 53.7 42.8 64.2
119 32.1 25.5 38.3

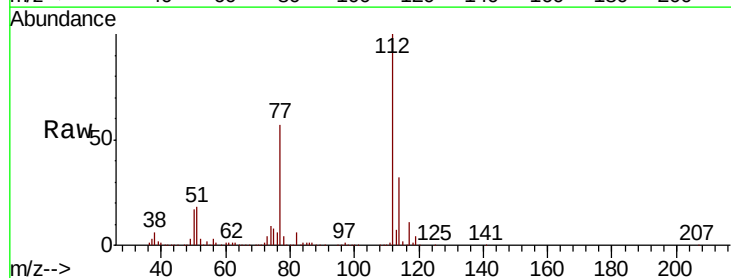


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

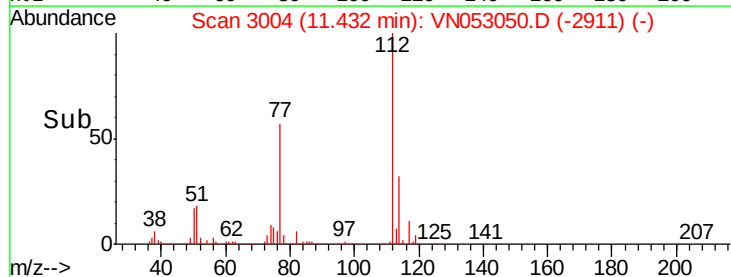
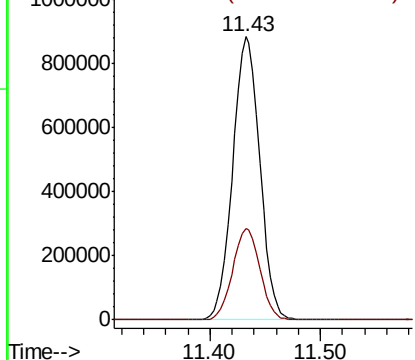


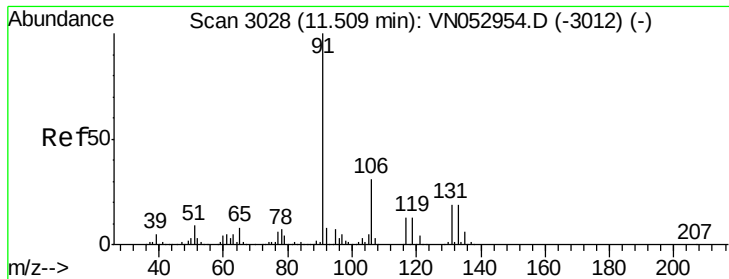
#65
Chlorobenzene
Concen: 37.169 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Tgt Ion:112 Resp: 1502467
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3



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

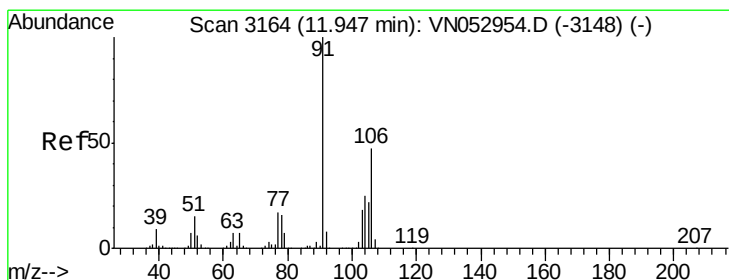
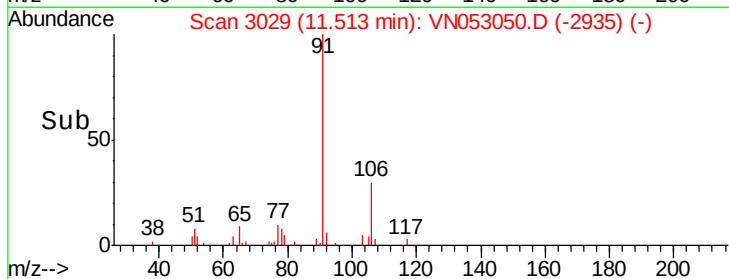
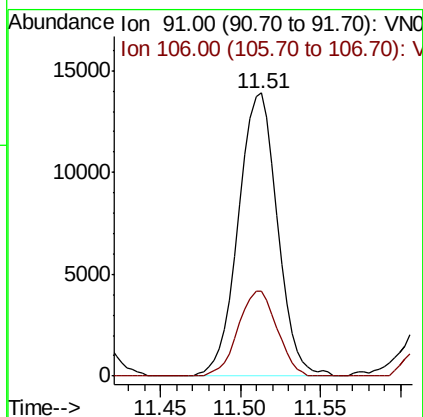
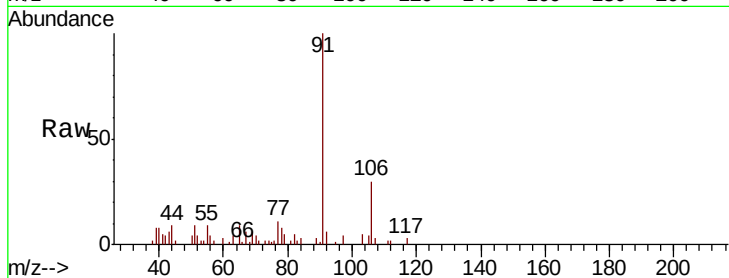




#67
Ethyl Benzene
Concen: 0.333 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

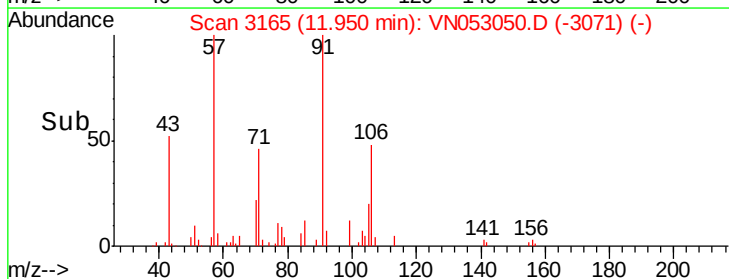
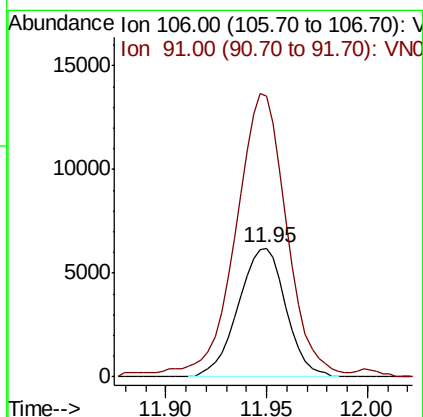
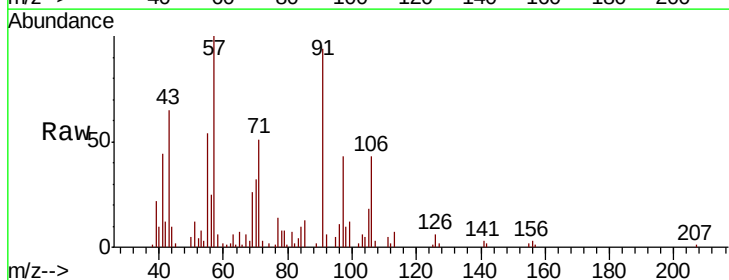
Instrument :
MSVOA_N
ClientSampled :

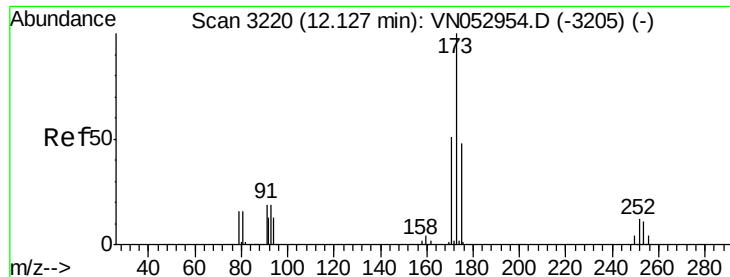
Tot Ion: 91 Resp: 23176
Ion Ratio Lower Upper
91 100
106 30.1 24.9 37.3



#69
o-Xylene
Concen: 0.403 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Tgt Ion: 106 Resp: 10229
Ion Ratio Lower Upper
106 100
91 226.8 106.6 319.8





#71

Bromoform

Concen: 0.519 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN053050.D

Acq: 20 Dec 2018 12:21

Instrument :

MSVOA_N

ClientSampleId :

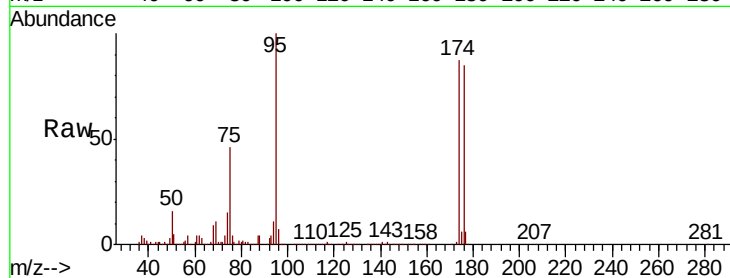
Tot Ion:173 Resp: 5274

Ion Ratio Lower Upper

173 100

175 966.9 24.3 72.9#

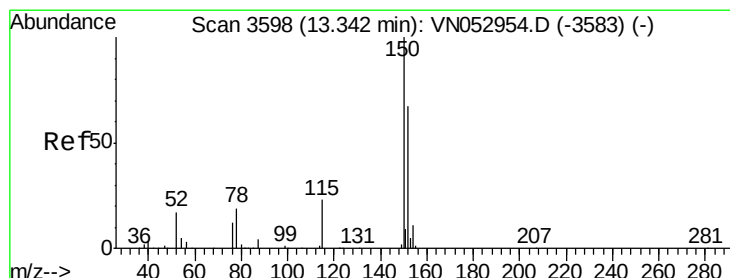
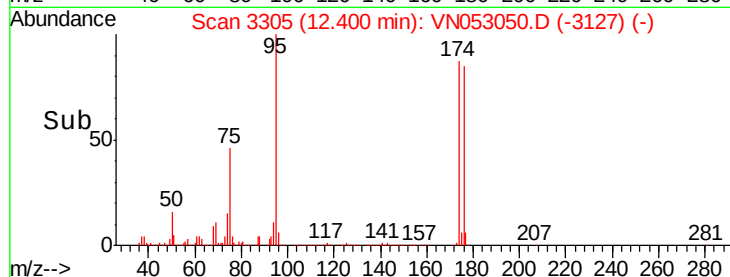
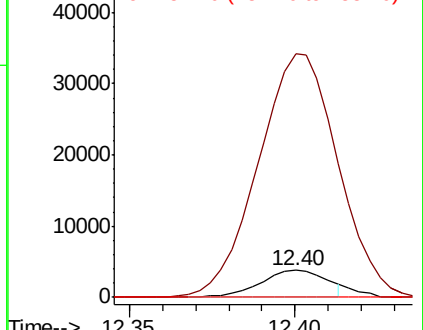
254 0.0 0.1 0.1#



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: VN053050.D

Acq: 20 Dec 2018 12:21

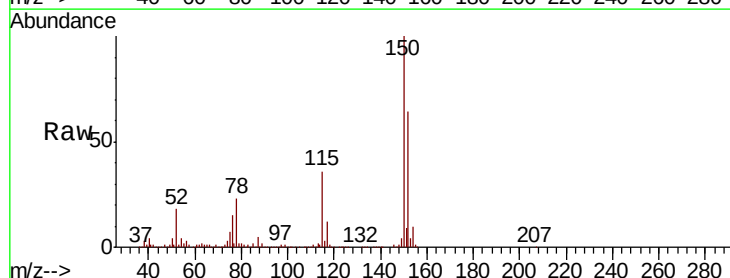
Tgt Ion:152 Resp: 816374

Ion Ratio Lower Upper

152 100

115 56.3 28.3 85.0

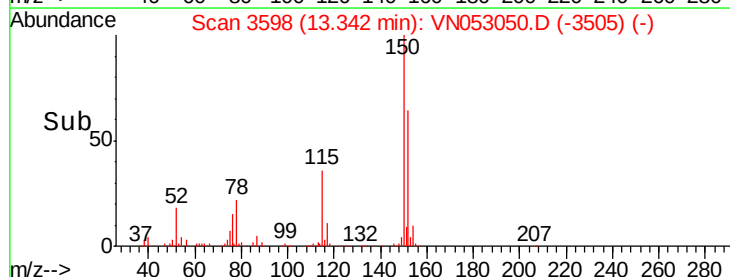
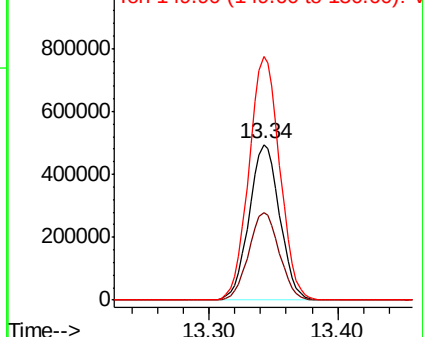
150 157.7 0.0 347.8

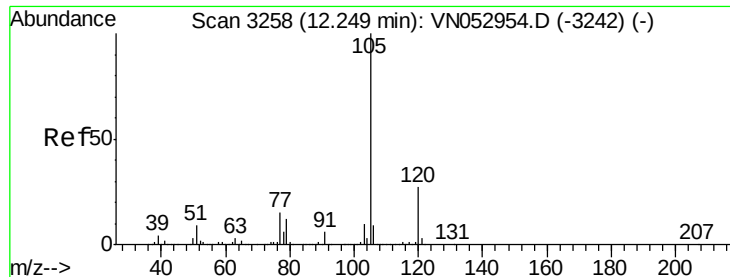


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.250 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053050.D

Acq: 20 Dec 2018 12:21

Instrument :

MSVOA_N

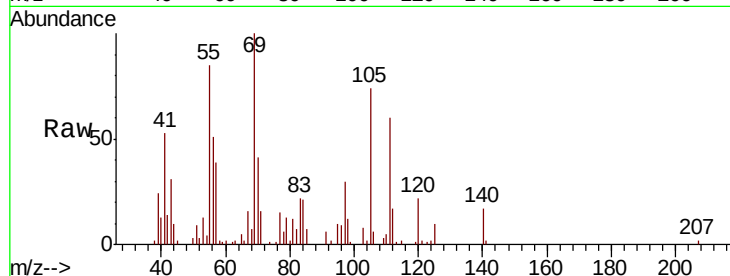
ClientSampled :

Tot Ion:105 Resp: 15965

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

10000

8000

6000

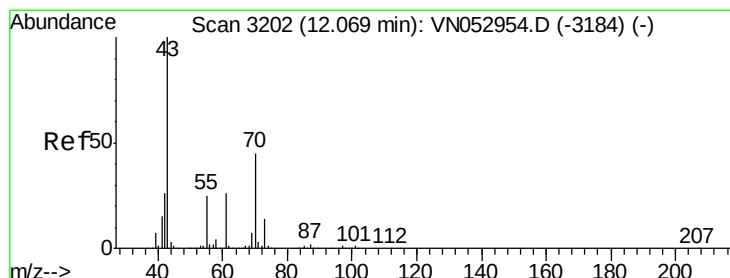
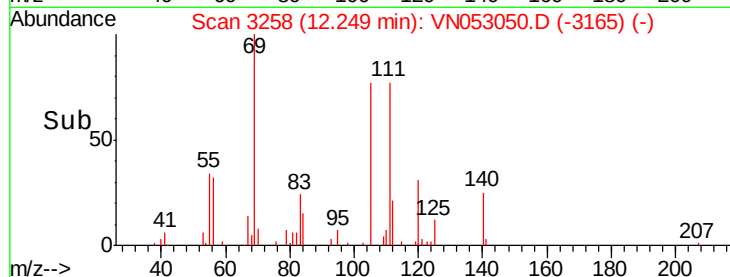
4000

2000

0

Time-->

12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 4.534 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN053050.D

Acq: 20 Dec 2018 12:21

Tgt Ion: 43 Resp: 80411

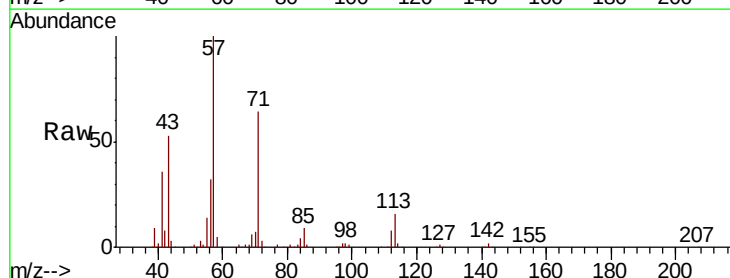
Ion Ratio Lower Upper

43 100

70 11.7 34.2 51.4#

55 24.1 20.3 30.5

61 0.0 20.0 30.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.04

80000

60000

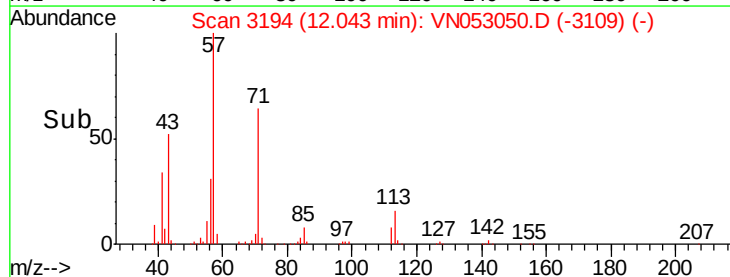
40000

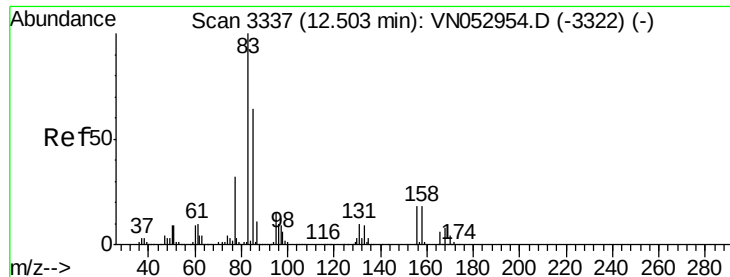
20000

0

Time-->

12.00 12.05





#75

1,1,2,2-Tetrachloroethane

Concen: 0.478 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.02 min

Lab File: VN053050.D

Acq: 20 Dec 2018 12:21

Instrument :

MSVOA_N

ClientSampled :

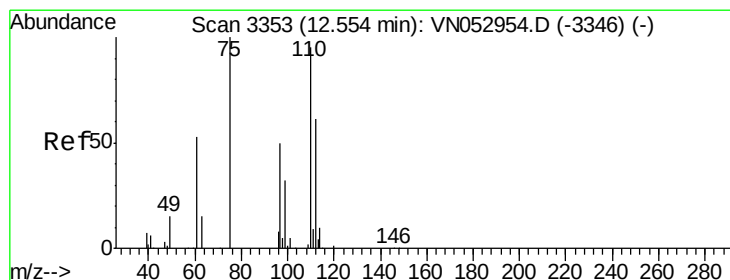
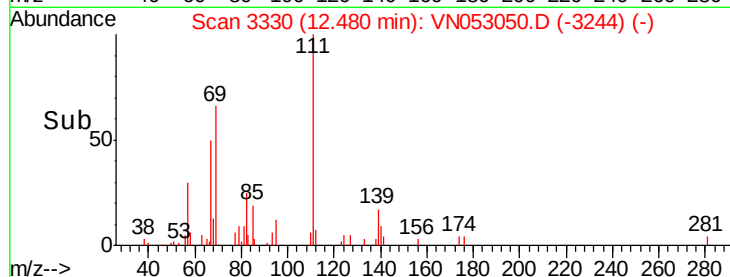
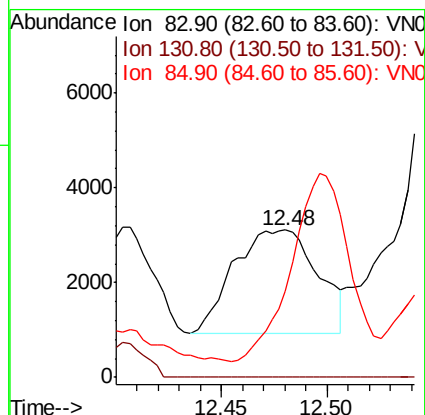
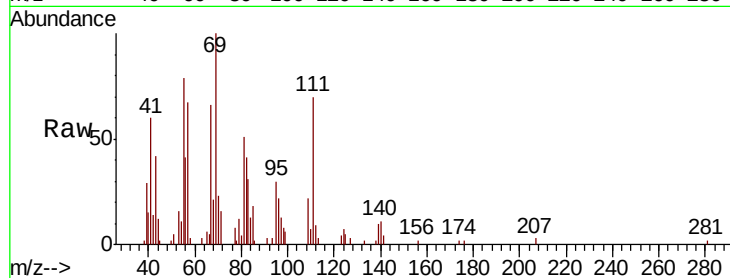
Tot Ion: 83 Resp: 5991

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 124.5 32.4 97.0#



#76

1,2,3-Trichloropropane

Concen: 28.946 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053050.D

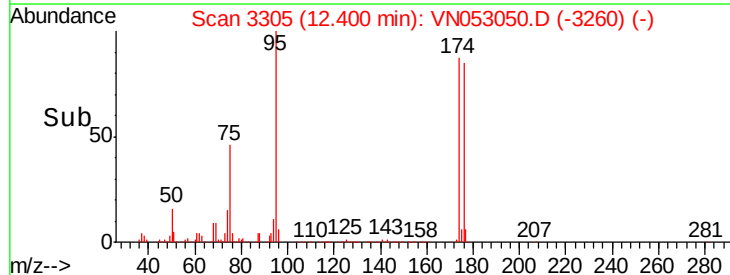
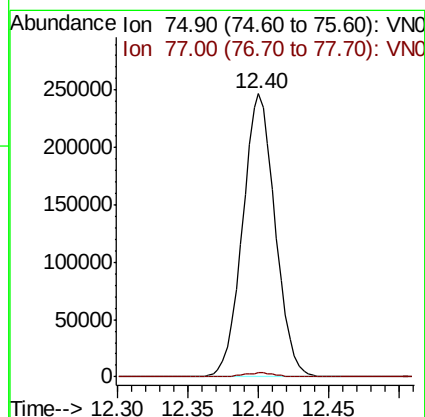
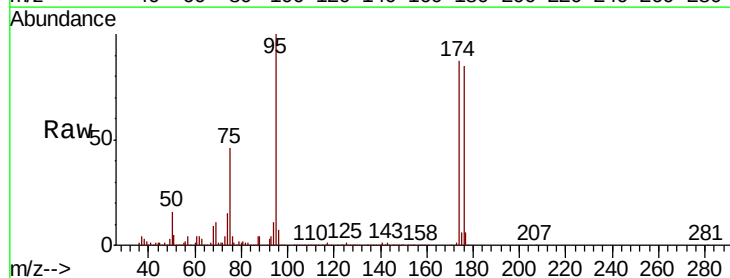
Acq: 20 Dec 2018 12:21

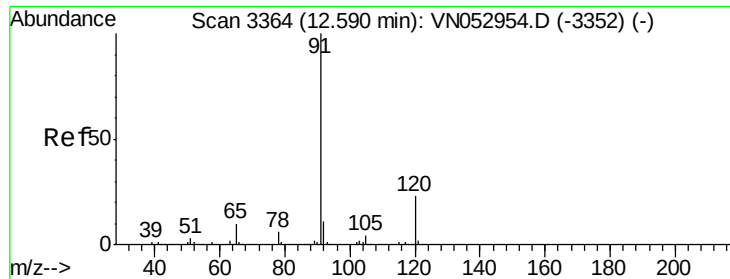
Tgt Ion: 75 Resp: 397796

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#78

n-propylbenzene

Concen: 0.745 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN053050.D

Acq: 20 Dec 2018 12:21

Instrument :

MSVOA_N

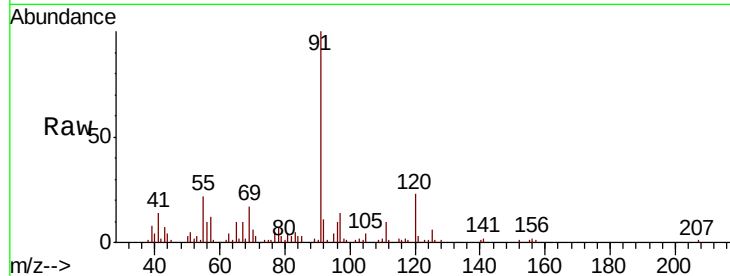
ClientSampled :

Tot Ion: 91 Resp: 54207

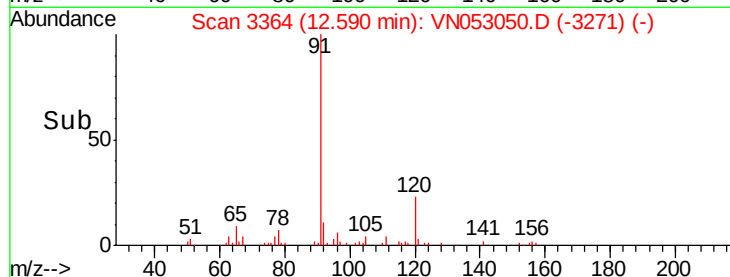
Ion Ratio Lower Upper

91 100

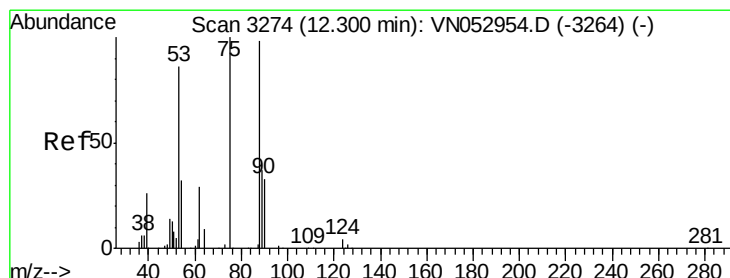
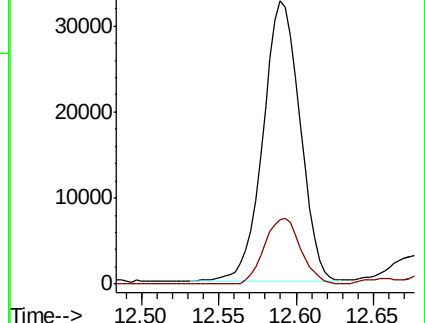
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN053050.D (-3271) (-)



Ion 120.00 (119.70 to 120.70): VN053050.D (-3271) (-)



#81

trans-1,4-Dichloro-2-butene

Concen: 93.296 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053050.D

Acq: 20 Dec 2018 12:21

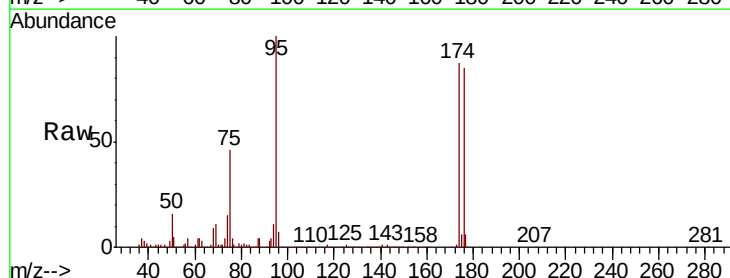
Tgt Ion: 75 Resp: 397796

Ion Ratio Lower Upper

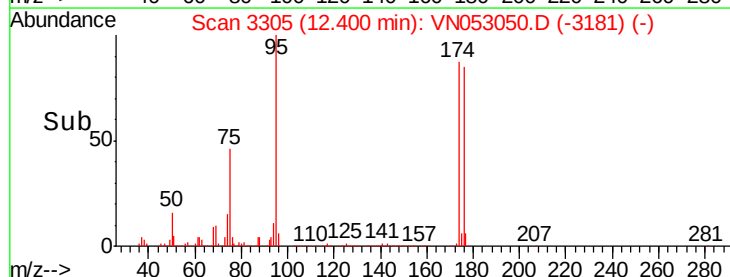
75 100

53 0.4 74.7 112.1#

89 0.0 36.1 54.1#

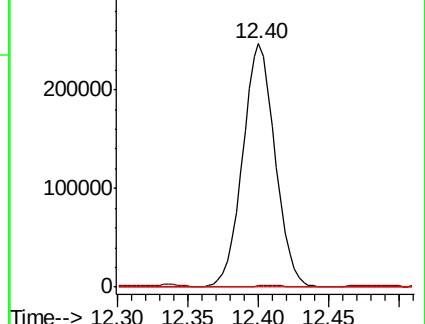


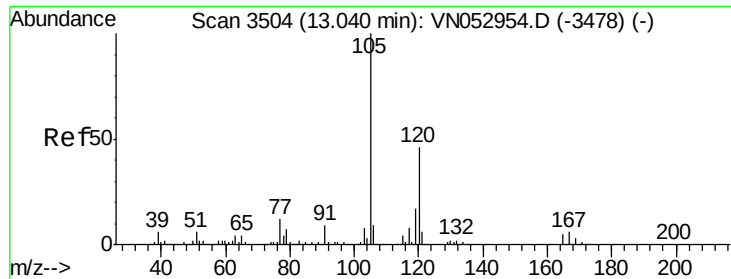
Abundance Ion 74.90 (74.60 to 75.60): VN053050.D (-3181) (-)



Ion 53.00 (52.70 to 53.70): VN053050.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN053050.D (-3181) (-)

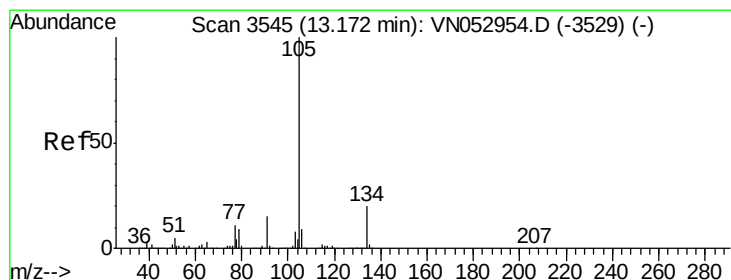
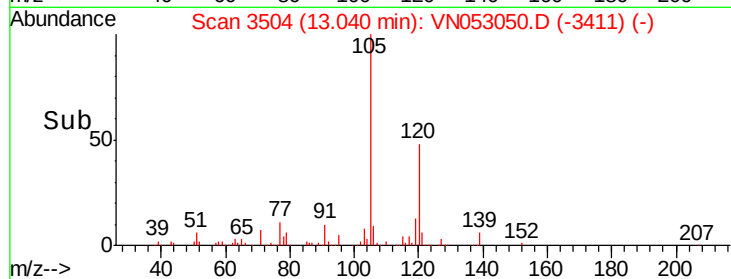
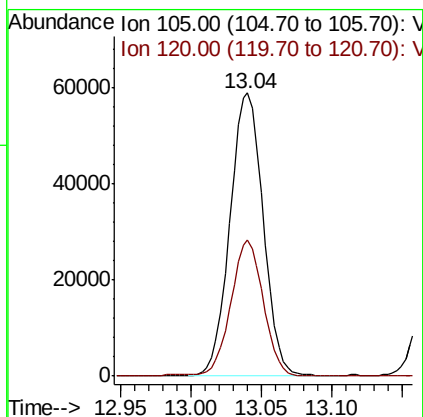
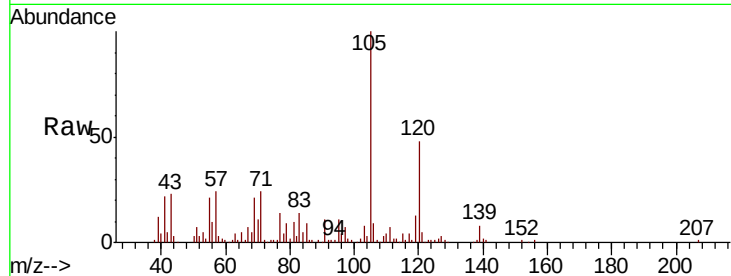




#84
 1,2,4-Trimethylbenzene
 Concen: 1.855 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053050.D
 Acq: 20 Dec 2018 12:21

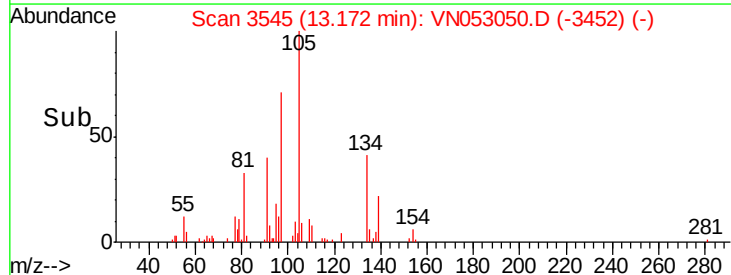
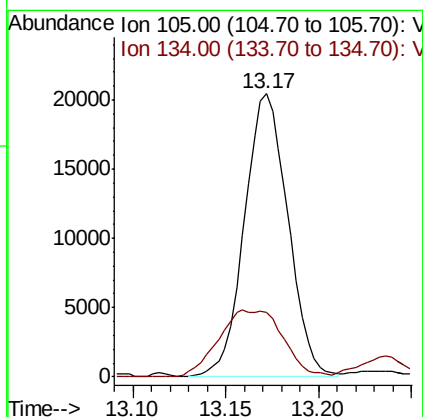
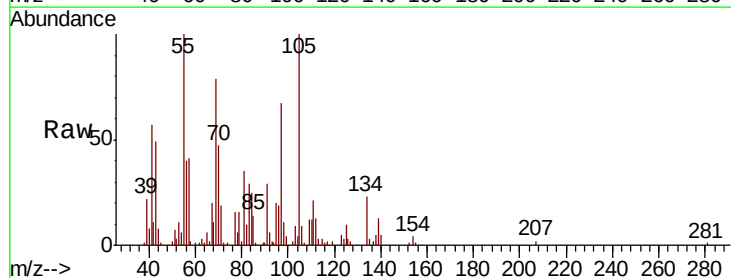
Instrument :
 MSVOA_N
 ClientSampleId :

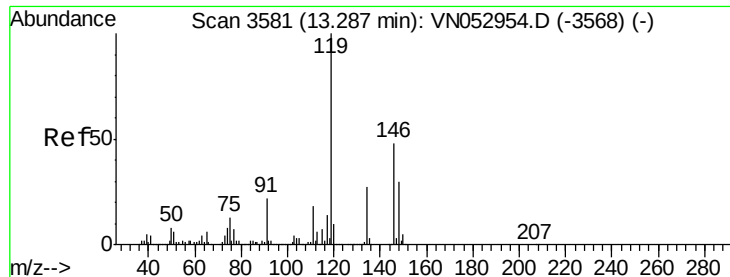
Tot Ion:105 Resp: 97083
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.9 68.8



#85
 sec-Butylbenzene
 Concen: 0.536 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN053050.D
 Acq: 20 Dec 2018 12:21

Tgt Ion:105 Resp: 33362
 Ion Ratio Lower Upper
 105 100
 134 34.8 10.1 30.3#

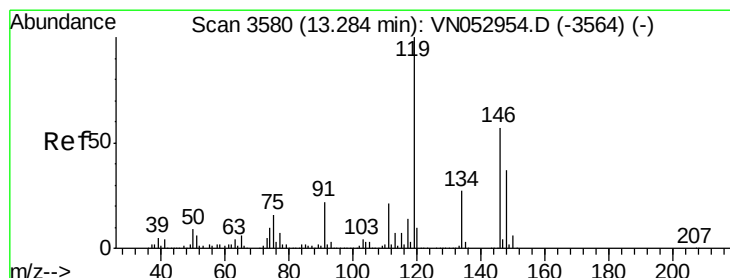
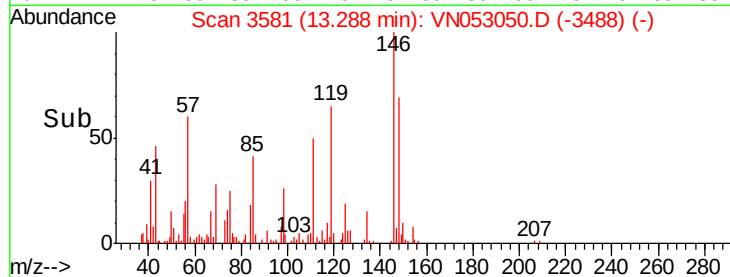
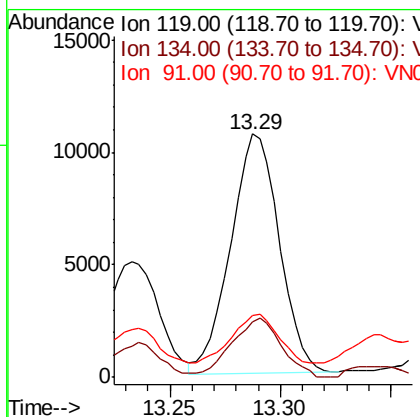
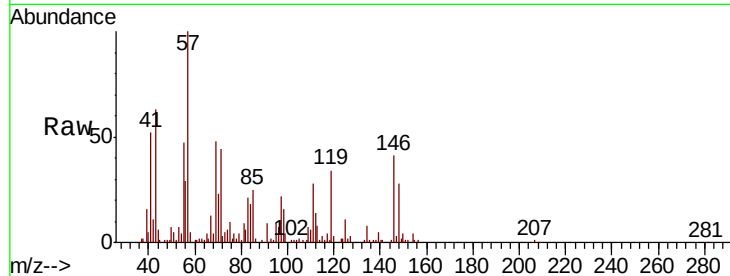




#86
 p-Isopropyltoluene
 Concen: 0.301 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN053050.D
 Acq: 20 Dec 2018 12:21

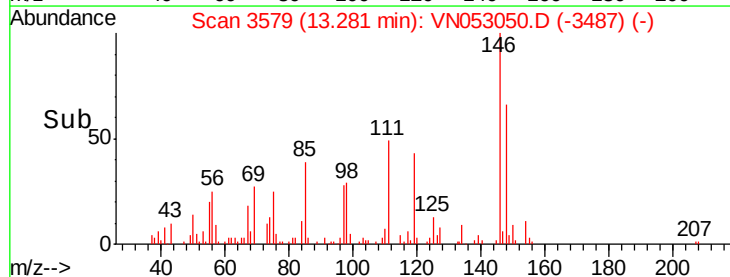
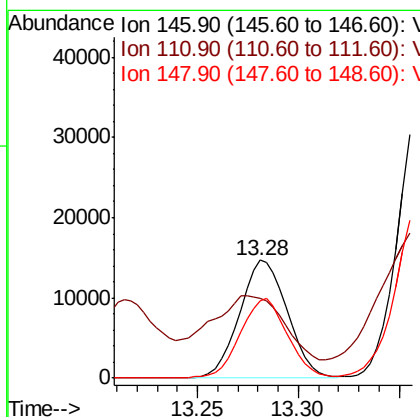
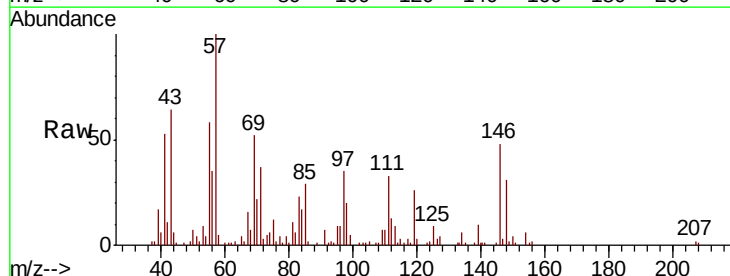
Instrument :
 MSVOA_N
 ClientSampled :

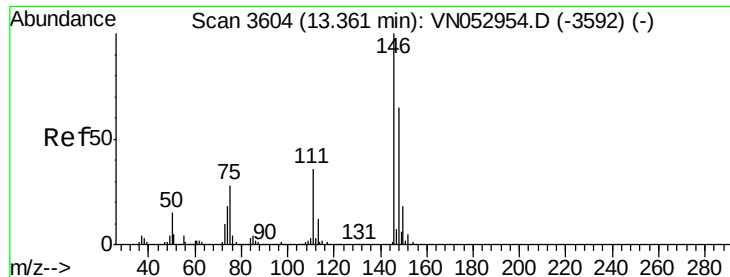
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.6	13.4	40.2
91	20.2	11.1	33.3



#87
 1,3-Dichlorobenzene
 Concen: 0.831 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN053050.D
 Acq: 20 Dec 2018 12:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	79.6	19.1	57.1#
148	66.9	32.0	96.0





#88

1,4-Dichlorobenzene

Concen: 2.237 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN053050.D

Acq: 20 Dec 2018 12:21

Instrument :

MSVOA_N

ClientSampled :

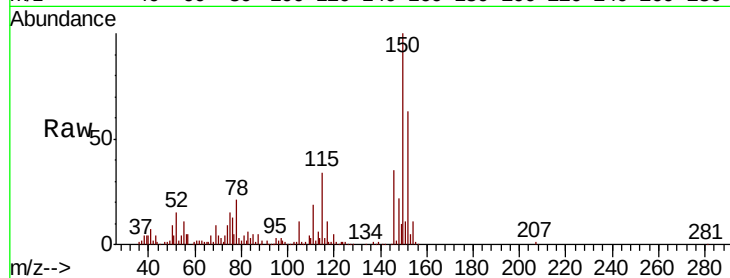
Tot Ion:146 Resp: 66585

Ion Ratio Lower Upper

146 100

111 60.0 18.6 55.8#

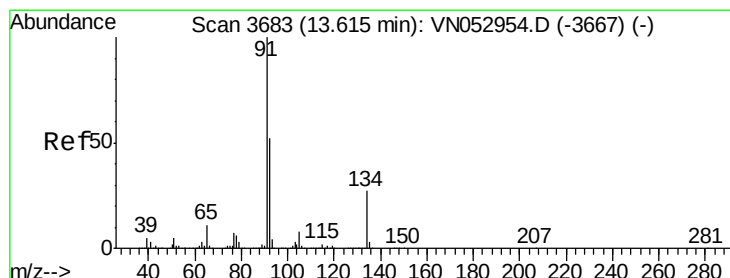
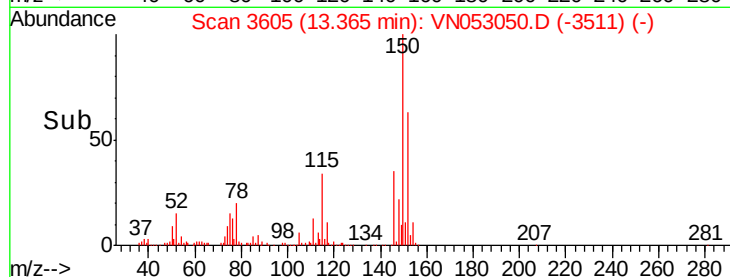
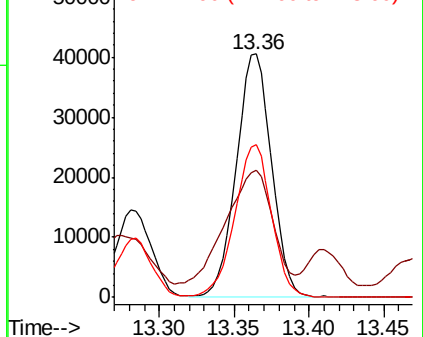
148 65.4 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.681 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN053050.D

Acq: 20 Dec 2018 12:21

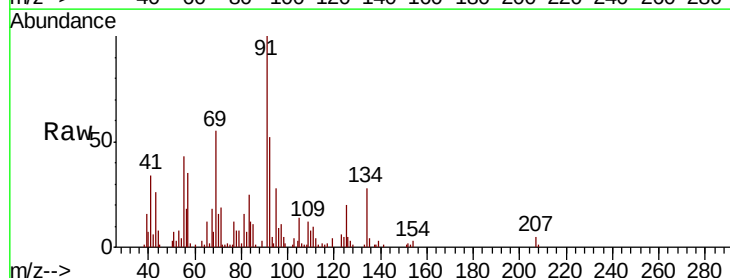
Tgt Ion: 91 Resp: 31512

Ion Ratio Lower Upper

91 100

92 51.4 26.3 78.9

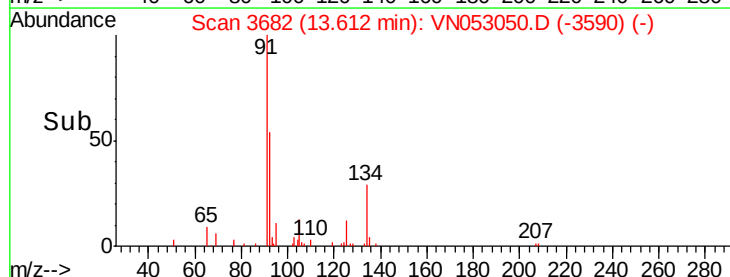
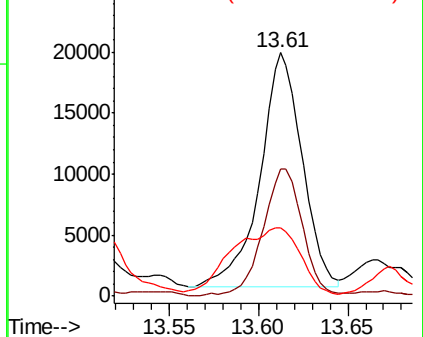
134 45.2 13.3 39.8#

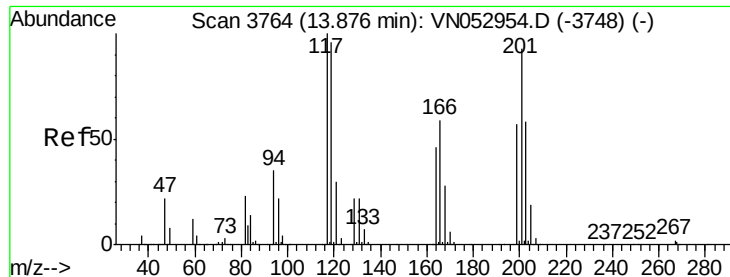


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.612 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053050.D

Acq: 20 Dec 2018 12:21

Instrument :

MSVOA_N

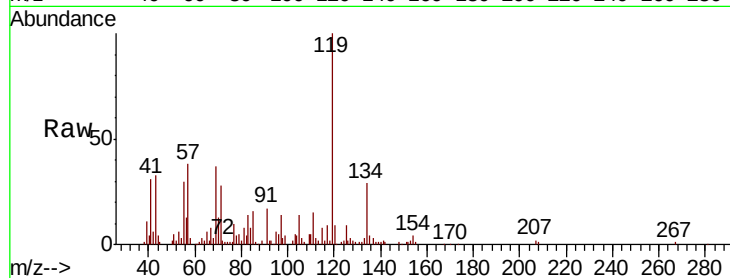
ClientSampled :

Tot Ion:117 Resp: 5056

Ion Ratio Lower Upper

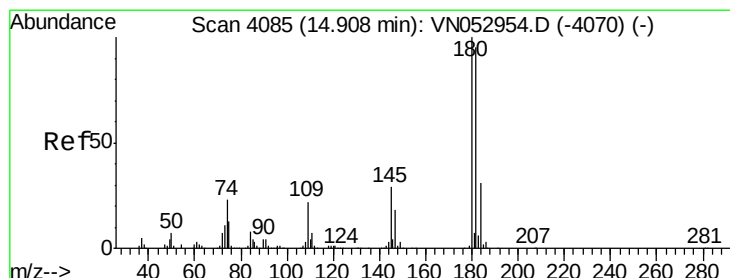
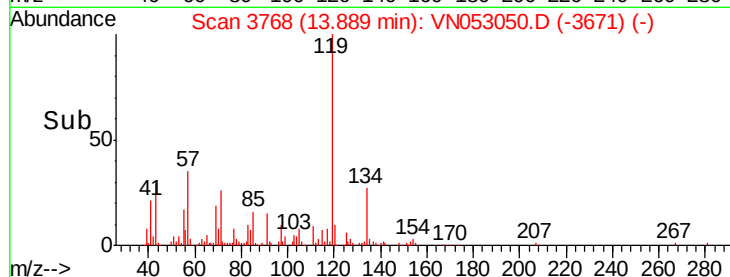
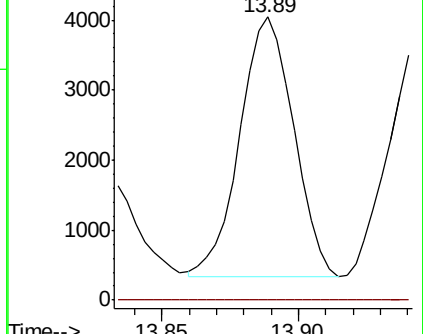
117 100

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



#93

1,2,4-Trichlorobenzene

Concen: 0.782 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN053050.D

Acq: 20 Dec 2018 12:21

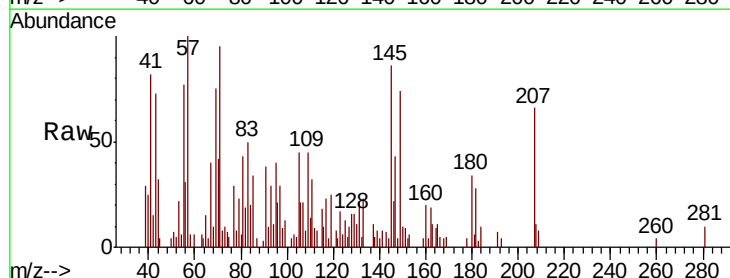
Tgt Ion:180 Resp: 2756

Ion Ratio Lower Upper

180 100

182 102.2 47.8 143.3

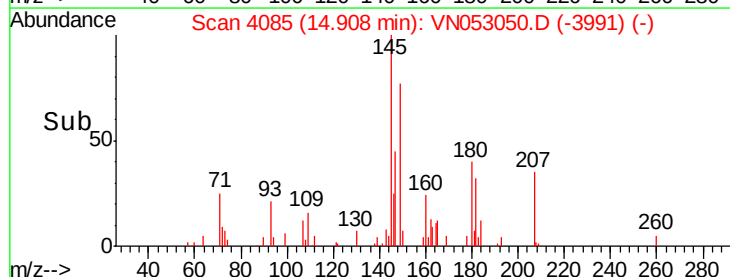
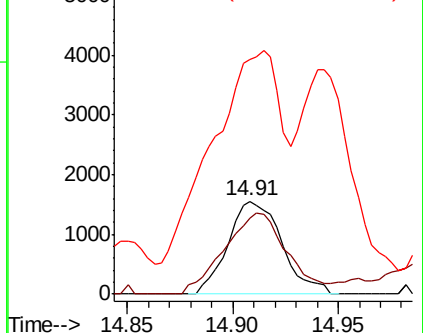
145 355.9 14.2 42.6#

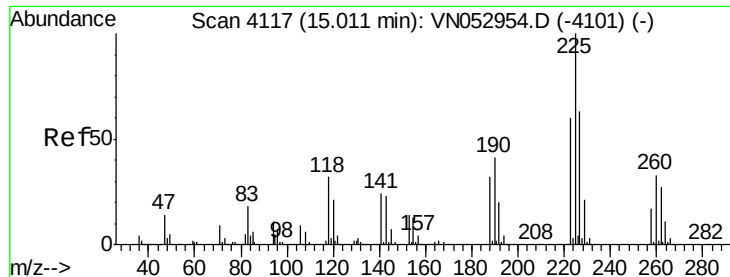


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN053050.D

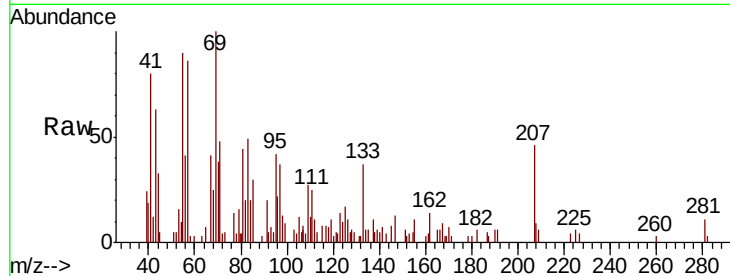
Acq: 20 Dec 2018 12:21

Instrument :

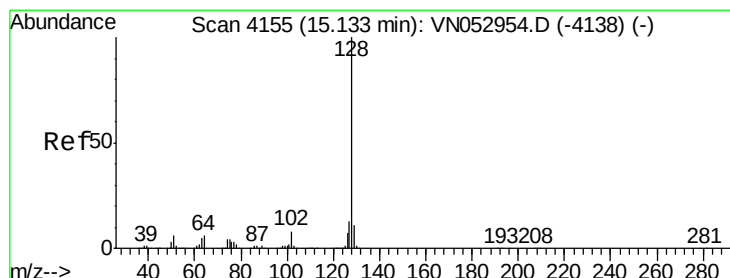
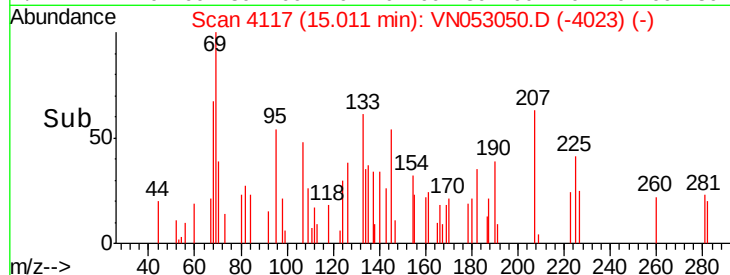
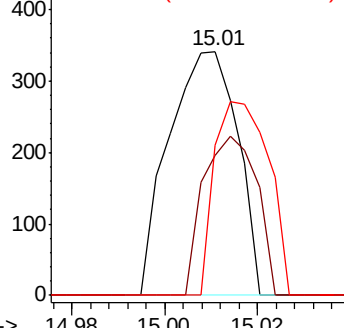
MSVOA_N

ClientSampled :

Tot Ion:	225	Resp:	352
Ion	Ratio	Lower	Upper
225	100		
223	51.1	31.5	94.5
227	62.8	31.9	95.7



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



#95

Naphthalene

Concen: 2.897 ug/l

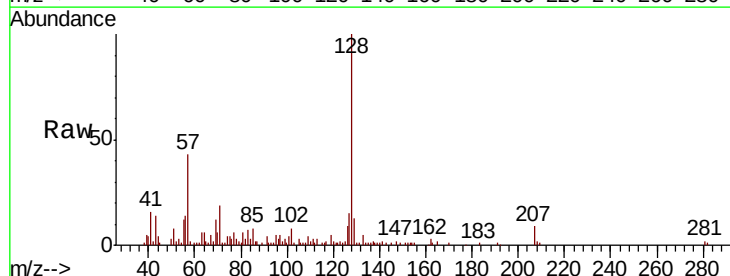
RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

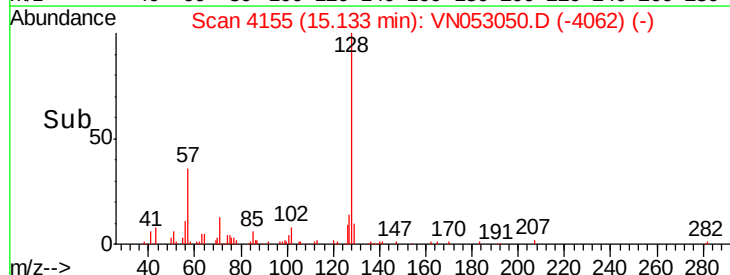
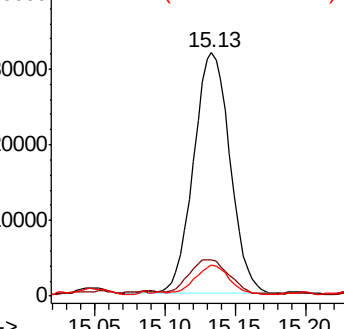
Lab File: VN053050.D

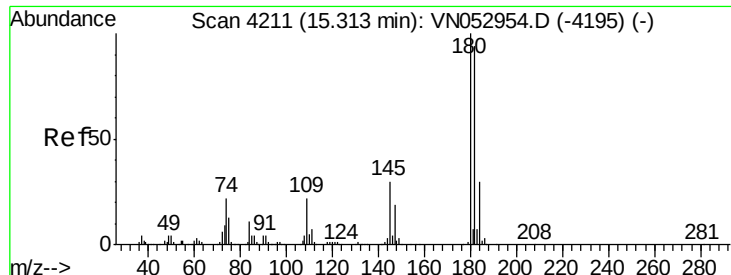
Acq: 20 Dec 2018 12:21

Tgt Ion:	128	Resp:	57501
Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.2	15.4#
129	11.2	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

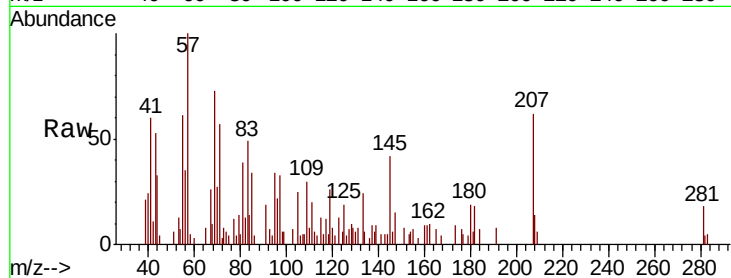




#96
 1,2,3-Trichlorobenzene
 Concen: 0.702 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN053050.D
 Acq: 20 Dec 2018 12:21

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	81.4	47.9	143.7
145	119.3	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

