

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
 Data File : VN053007.D
 Acq On : 19 Dec 2018 13:29
 Operator : MD\SY
 Sample : J6347-04ME 10X
 Misc : 5.05µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD002-0006-01ME

Quant Time: Dec 20 05:19:18 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	1368319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2075645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1889251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	849820	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	658909	47.45	ug/l	0.00
Spiked Amount			Recovery	=	94.90%	
35) Dibromofluoromethane	7.59	113	517830	54.61	ug/l	0.00
Spiked Amount			Recovery	=	109.22%	
50) Toluene-d8	10.09	98	2551712	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	
62) 4-Bromofluorobenzene	12.40	95	884667	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	

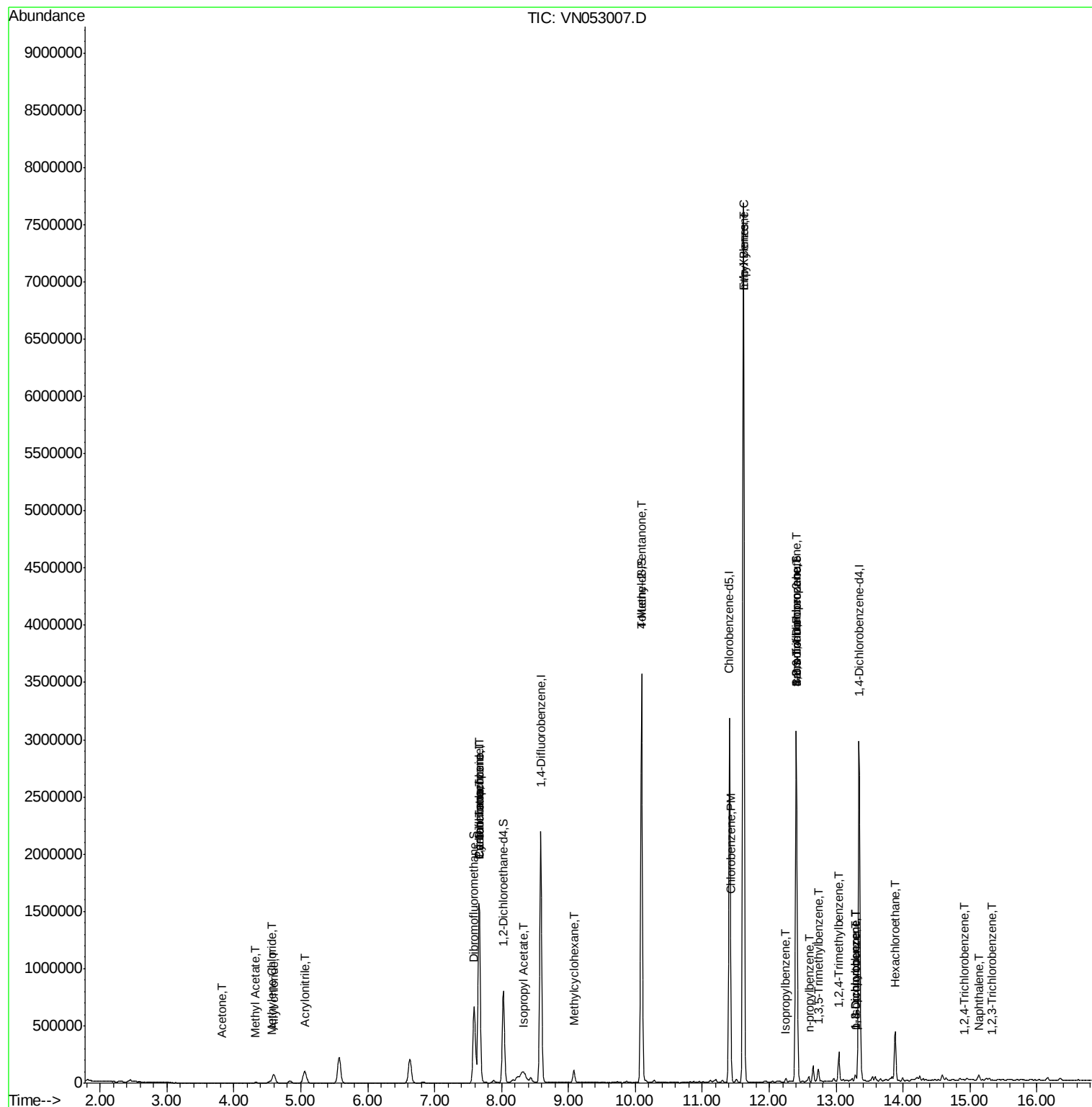
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.60	41	28224	1.397	ug/l #	47
15) Acrylonitrile	5.06	53	3924	0.834	ug/l #	29
16) Acetone	3.82	43	3420	1.256	ug/l	90
18) Methyl Acetate	4.32	43	7752	1.607	ug/l #	75
20) Methylene Chloride	4.55	84	4313	0.290	ug/l #	83
31) Cyclohexane	7.66	56	47190	0.932	ug/l #	32
36) 1,1-Dichloropropene	7.67	75	88644	4.449	ug/l #	48
38) Carbon Tetrachloride	7.66	117	115934	6.349	ug/l #	16
39) Methylcyclohexane	9.08	83	48370	1.999	ug/l	99
43) Isopropyl Acetate	8.33	43	236325	10.148	ug/l #	53
51) 4-Methyl-2-Pentanone	10.09	43	9723	0.903	ug/l #	1
65) Chlorobenzene	11.43	112	24214	0.578	ug/l	98
67) Ethyl Benzene	11.62	91	4510739	62.630	ug/l #	66
68) m/p-Xylenes	11.62	106	2239393	81.791	ug/l	99
71) Bromoform	12.40	173	5411	0.514	ug/l #	1
73) Isopropylbenzene	12.25	105	21987	0.331	ug/l	97
76) 1,2,3-Trichloropropane	12.40	75	416364	29.104	ug/l #	100
78) n-propylbenzene	12.59	91	36529	0.482	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	51205	0.945	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	416364	93.807	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	149036	2.736	ug/l	99
86) p-Isopropyltoluene	13.29	119	21034	0.375	ug/l	95
87) 1,3-Dichlorobenzene	13.28	146	6709	0.219	ug/l	93
88) 1,4-Dichlorobenzene	13.28	146	6709	0.217	ug/l	92
90) Hexachloroethane	13.89	117	3312	0.385	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	648	0.638	ug/l #	12
95) Naphthalene	15.13	128	39745	2.309	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	327	0.531	ug/l #	27

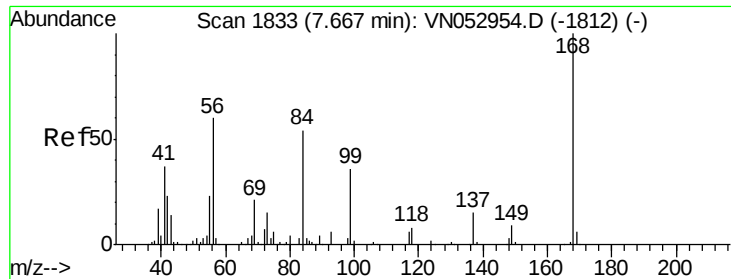
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053007.D

Acq: 19 Dec 2018 13:29

Instrument :

MSVOA_N

ClientSampleId :

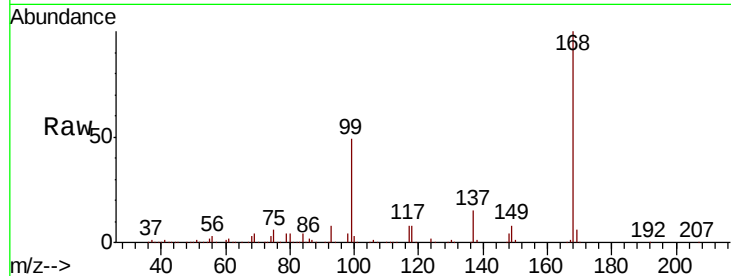
P001-SD002-0006-01ME

Tot Ion:168 Resp: 1368319

Ion Ratio Lower Upper

168 100

99 48.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

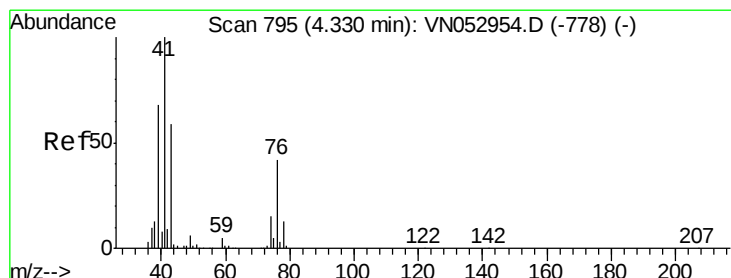
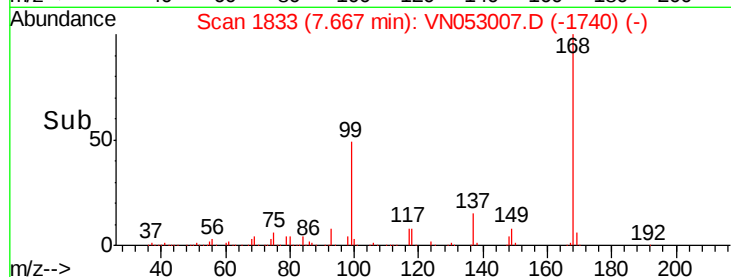
600000

400000

200000

0

Time-->



#14

Allyl chloride

Concen: 1.397 ug/l

RT: 4.60 min Scan# 878

Delta R.T. 0.27 min

Lab File: VN053007.D

Acq: 19 Dec 2018 13:29

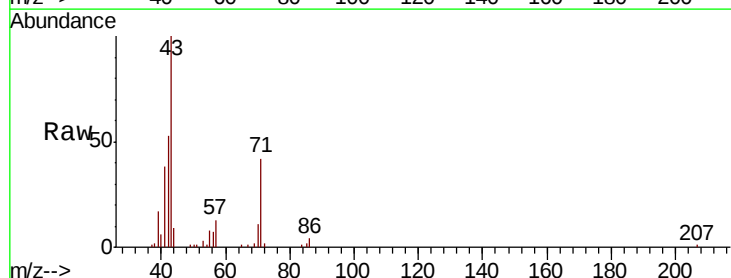
Tgt Ion: 41 Resp: 28224

Ion Ratio Lower Upper

41 100

39 29.5 54.1 81.1#

76 0.0 30.3 45.5#



Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO

4.60

12000

10000

8000

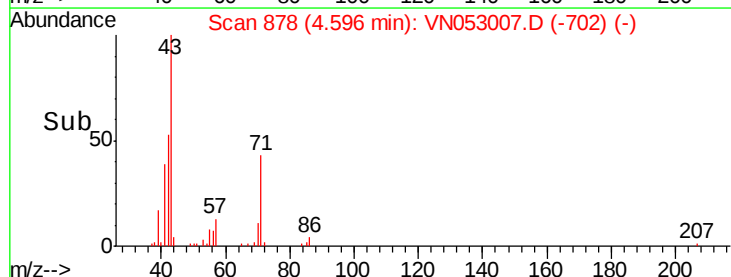
6000

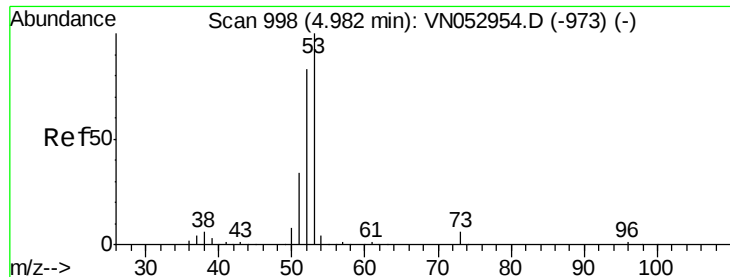
4000

2000

0

Time-->





#15

Acrylonitrile

Concen: 0.834 ug/l

RT: 5.06 min Scan# 1022

Delta R.T. 0.08 min

Lab File: VN053007.D

Acq: 19 Dec 2018 13:29

Instrument :

MSVOA_N

ClientSampleId :

P001-SD002-0006-01ME

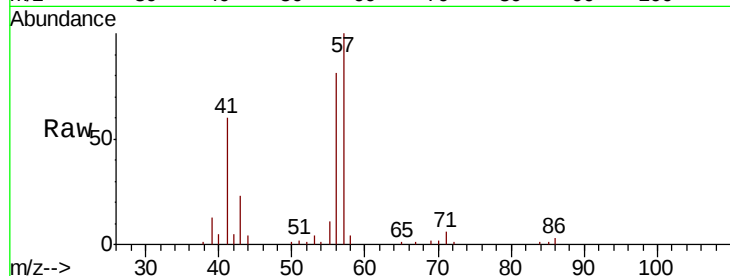
Tot Ion: 53 Resp: 3924

Ion Ratio Lower Upper

53 100

52 9.8 65.1 97.7#

51 7.0 28.1 42.1#

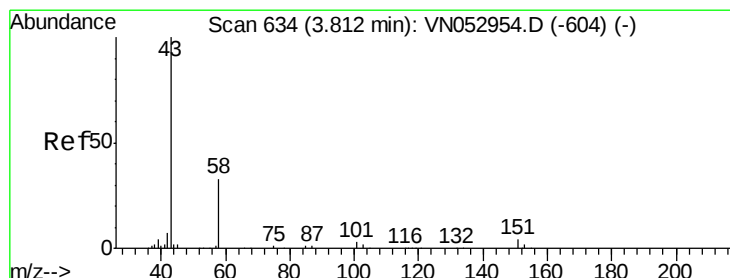
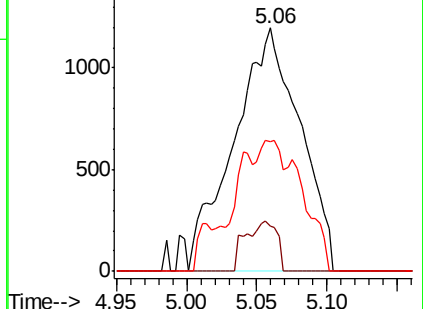
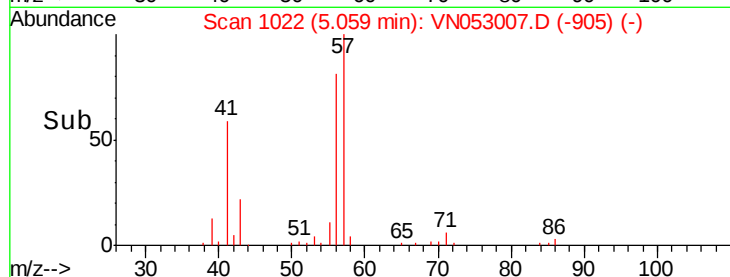


Abundance Ion 53.00 (52.70 to 53.70): VN053007.D (-1022) (-)

Ion 52.00 (51.70 to 52.70): VN053007.D (-1022) (-)

Ion 51.00 (50.70 to 51.70): VN053007.D (-1022) (-)

Time--> 4.95 5.00 5.05 5.10



#16

Acetone

Concen: 1.256 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053007.D

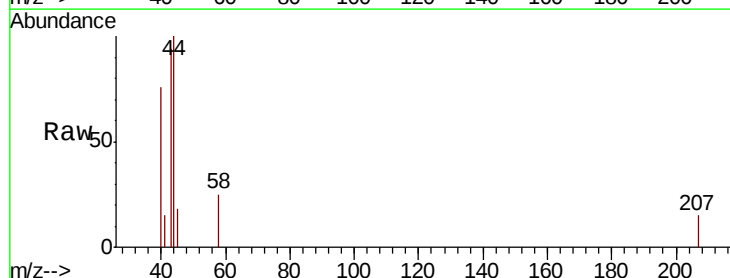
Acq: 19 Dec 2018 13:29

Tgt Ion: 43 Resp: 3420

Ion Ratio Lower Upper

43 100

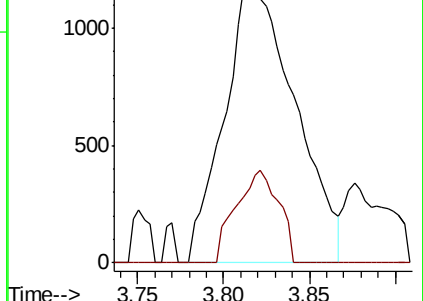
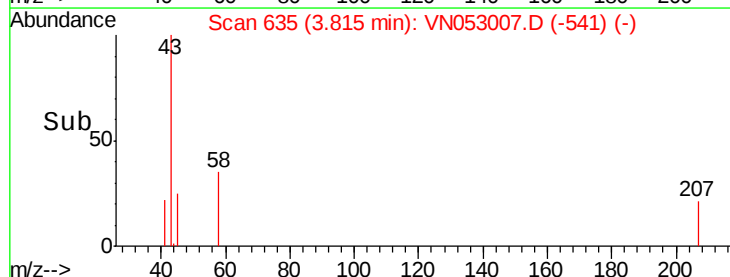
58 26.3 25.4 38.0

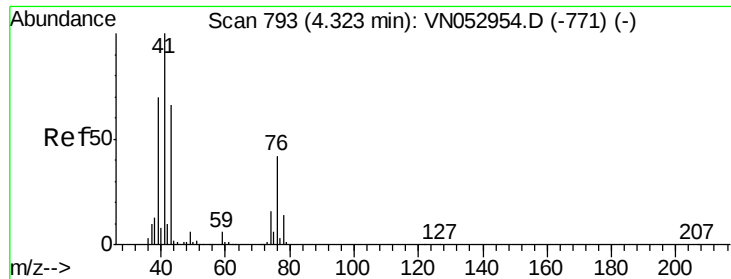


Abundance Ion 43.00 (42.70 to 43.70): VN053007.D (-635) (-)

Ion 58.00 (57.70 to 58.70): VN053007.D (-635) (-)

Time--> 3.75 3.80 3.85

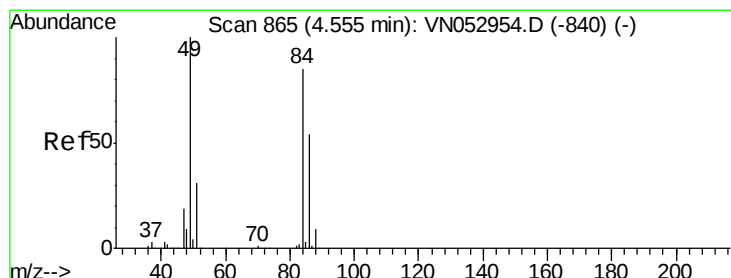
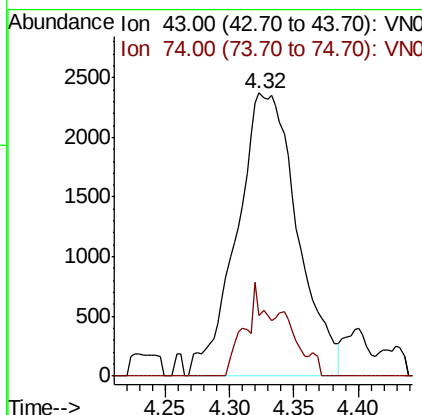
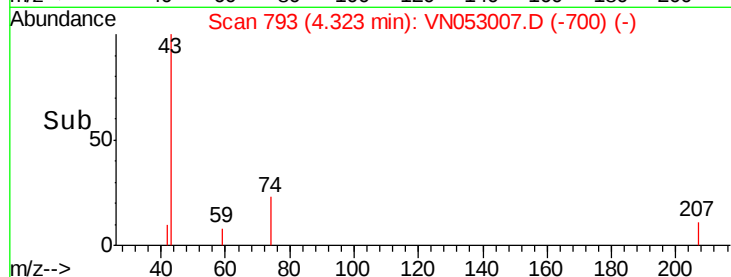
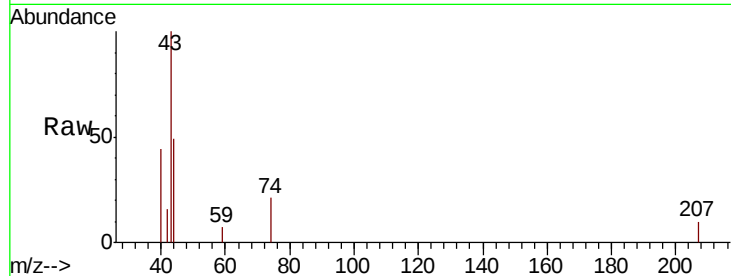




#18
Methyl Acetate
Concen: 1.607 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN053007.D
Acq: 19 Dec 2018 13:29

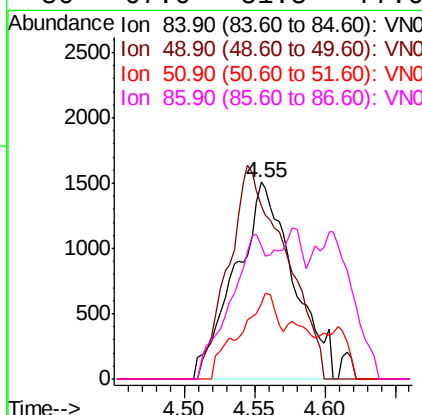
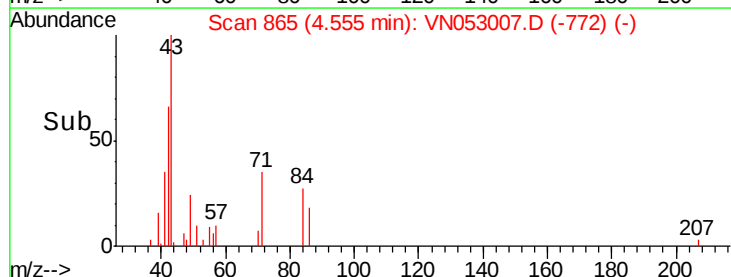
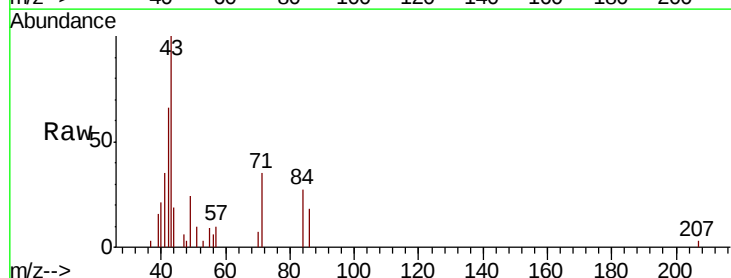
Instrument :
MSVOA_N
ClientSampleId :
P001-SD002-0006-01ME

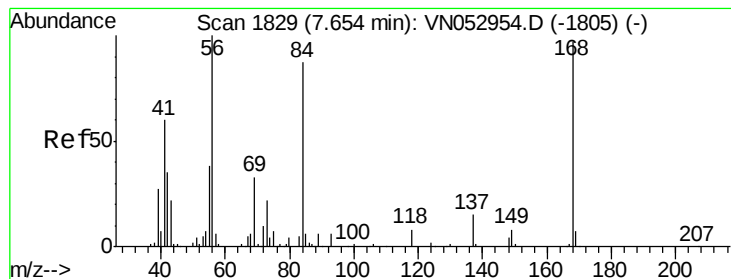
Tot Ion: 43 Resp: 7752
Ion Ratio Lower Upper
43 100
74 11.9 19.2 28.8#



#20
Methylene Chloride
Concen: 0.290 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN053007.D
Acq: 19 Dec 2018 13:29

Tgt Ion: 84 Resp: 4313
Ion Ratio Lower Upper
84 100
49 87.7 96.8 145.2#
51 38.2 29.9 44.9
86 67.6 51.8 77.6





#31

Cyclohexane

Concen: 0.932 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN053007.D

Acq: 19 Dec 2018 13:29

Instrument :

MSVOA_N

ClientSampleId :

P001-SD002-0006-01ME

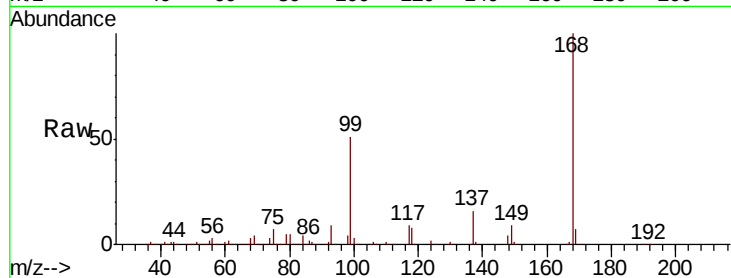
Tot Ion: 56 Resp: 47190

Ion Ratio Lower Upper

56 100

69 112.0 26.6 39.8#

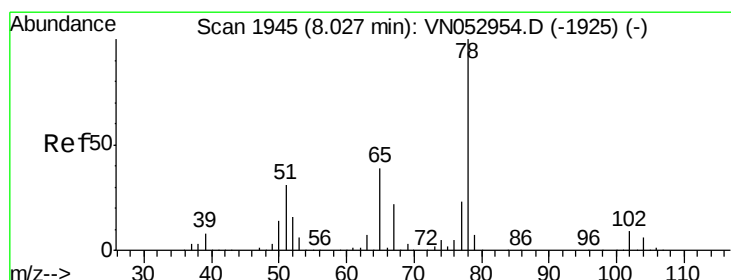
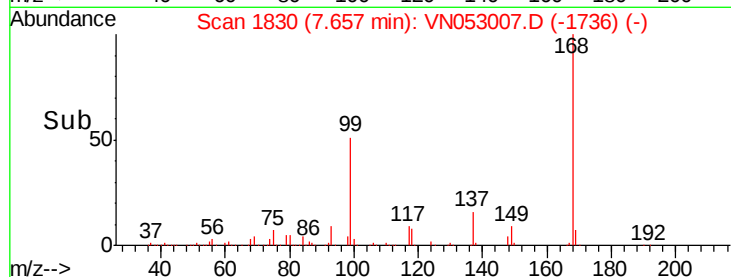
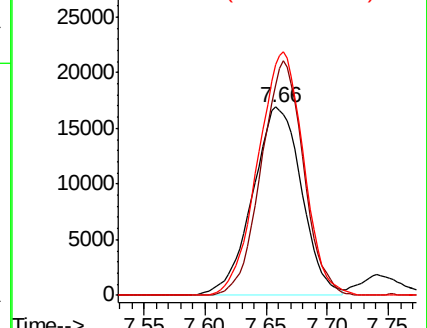
84 122.5 68.4 102.6#



Abundance Ion 56.00 (55.70 to 56.70): VN052954.D (-1805) (-)

Ion 69.00 (68.70 to 69.70): VN052954.D (-1805) (-)

Ion 84.00 (83.70 to 84.70): VN052954.D (-1805) (-)



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053007.D

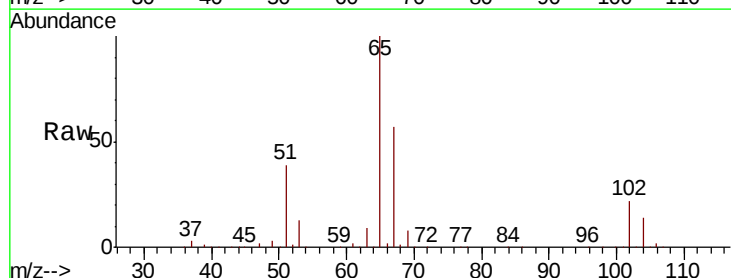
Acq: 19 Dec 2018 13:29

Tgt Ion: 65 Resp: 658909

Ion Ratio Lower Upper

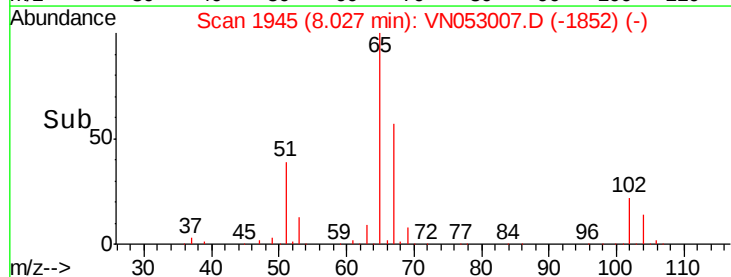
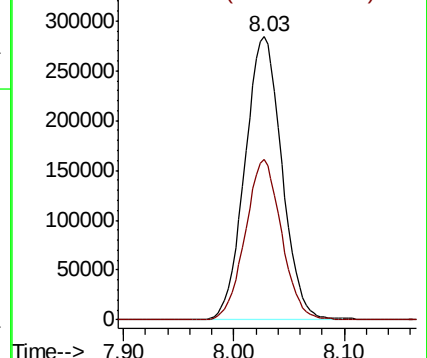
65 100

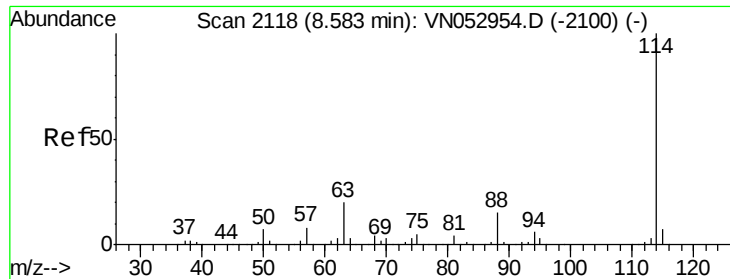
67 55.6 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN052954.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN052954.D (-1925) (-)

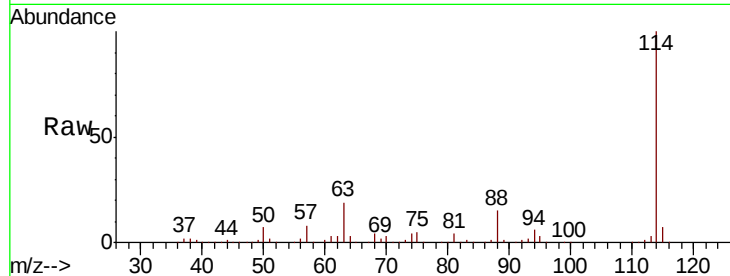




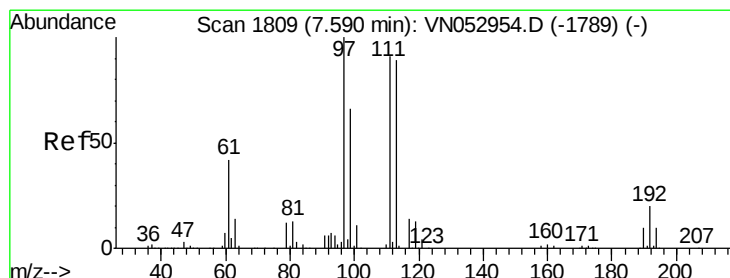
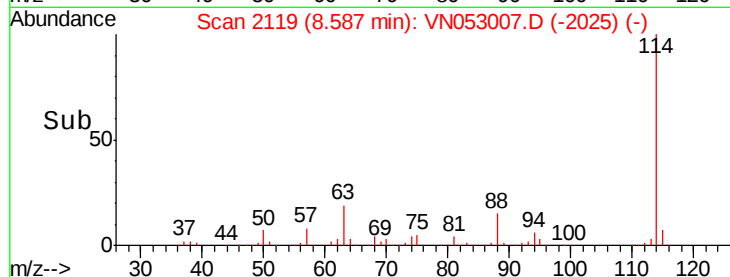
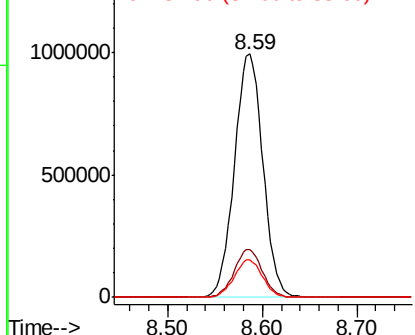
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053007.D
Acq: 19 Dec 2018 13:29

Instrument :
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ClientSampleId :
P001-SD002-0006-01ME

Tot Ion:114 Resp: 2075645
Ion Ratio Lower Upper
114 100
63 19.4 0.0 39.8
88 15.3 0.0 31.0

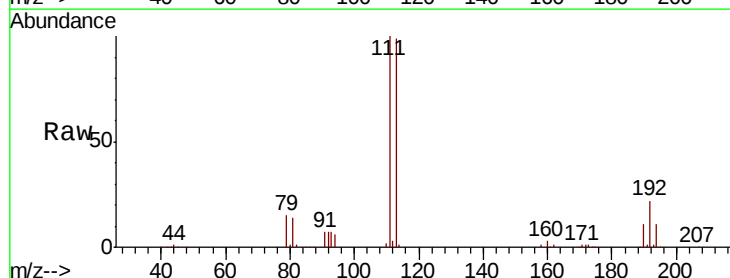


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

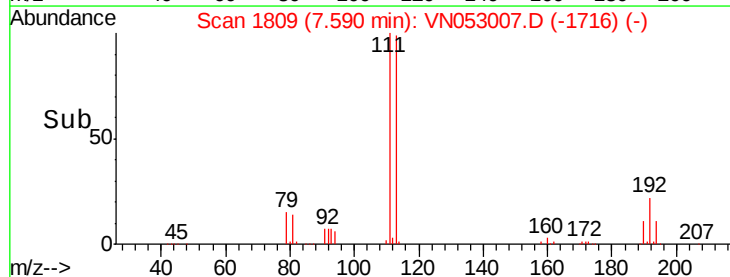
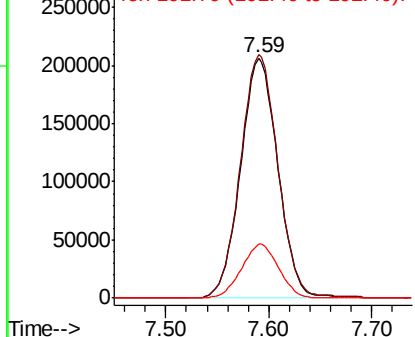


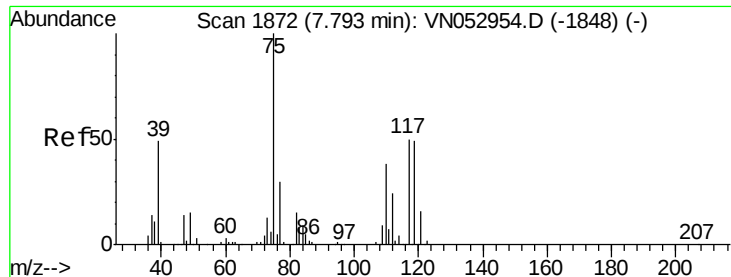
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN053007.D
Acq: 19 Dec 2018 13:29

Tgt Ion:113 Resp: 517830
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.4
192 22.5 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

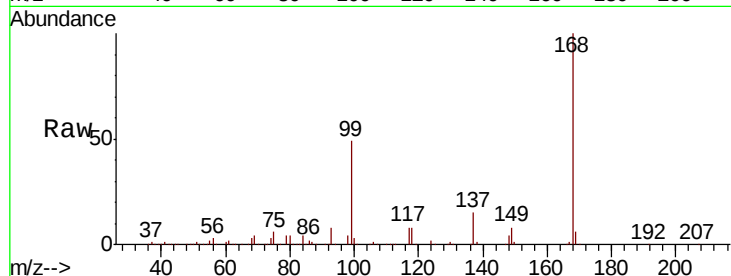




#36
 1,1-Dichloropropene
 Concen: 4.449 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053007.D
 Acq: 19 Dec 2018 13:29

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD002-0006-01ME

Tot Ion	Ratio	Lower	Upper
75	100		
110	7.7	18.2	54.6#
77	0.2	24.9	37.3#

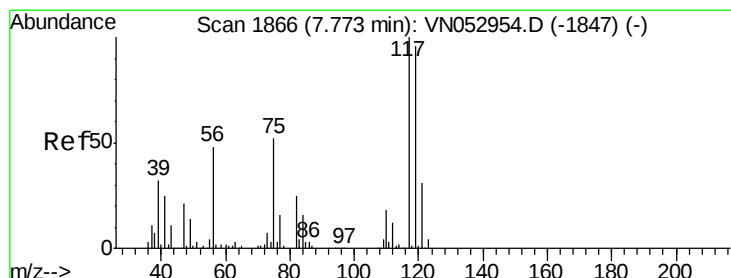
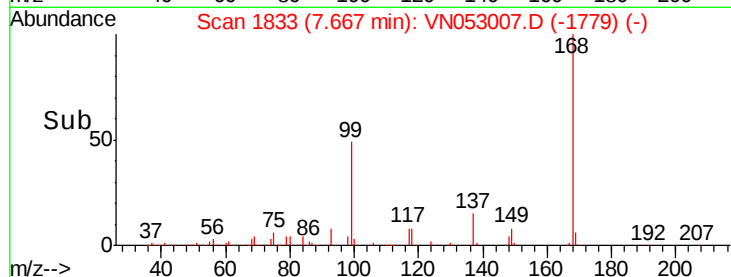
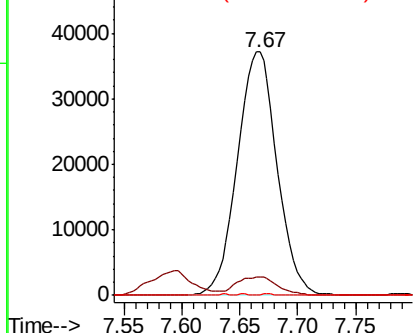


Abundance

Ion 74.90 (74.60 to 75.60): VN052954.D (-1848) (-)

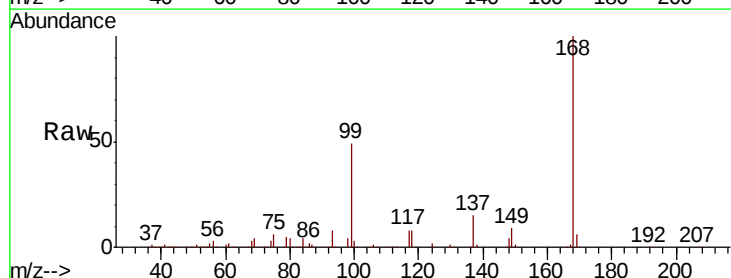
Ion 109.90 (109.60 to 110.60): VN052954.D (-1848) (-)

Ion 76.90 (76.60 to 77.60): VN052954.D (-1848) (-)



#38
 Carbon Tetrachloride
 Concen: 6.349 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN053007.D
 Acq: 19 Dec 2018 13:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.1	115.7#
121	0.0	24.9	37.3#

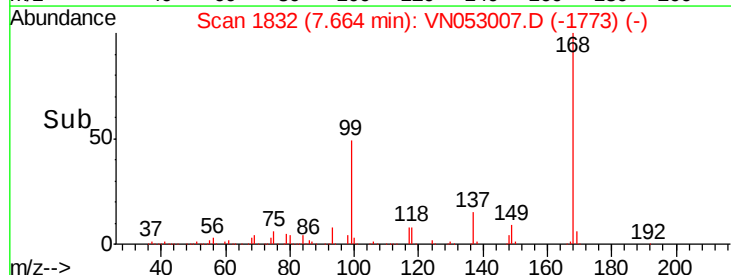
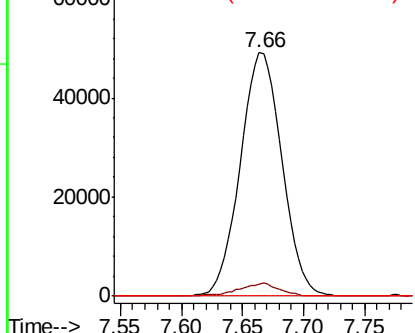


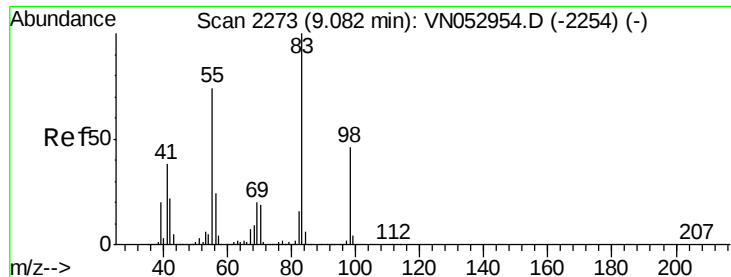
Abundance

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) (-)

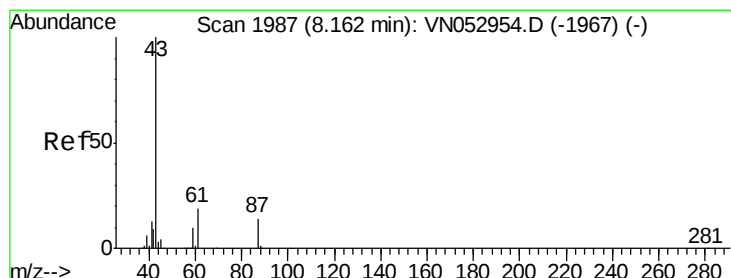
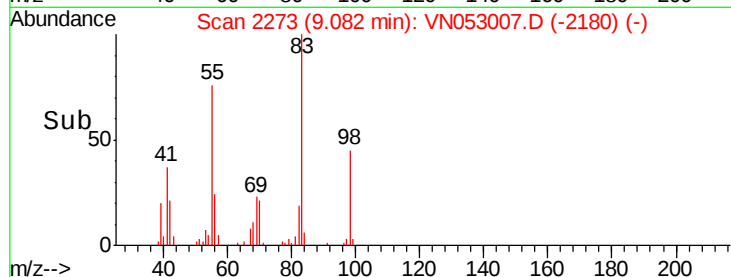
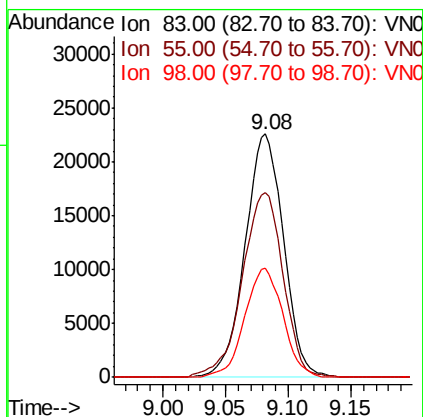
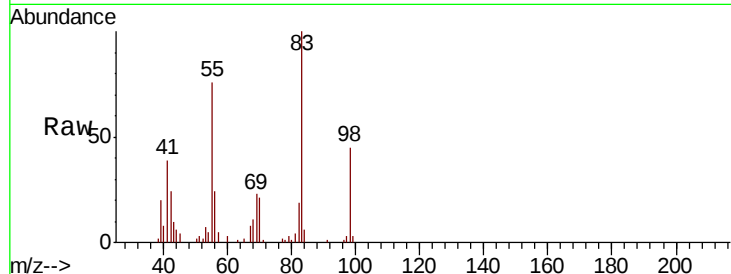




#39
Methylcyclohexane
Concen: 1.999 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053007.D
Acq: 19 Dec 2018 13:29

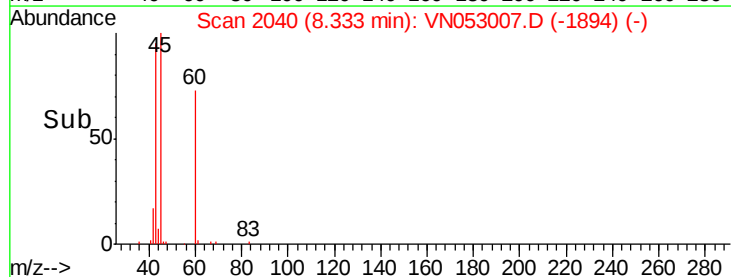
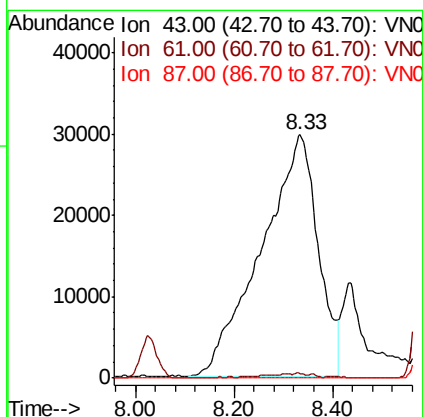
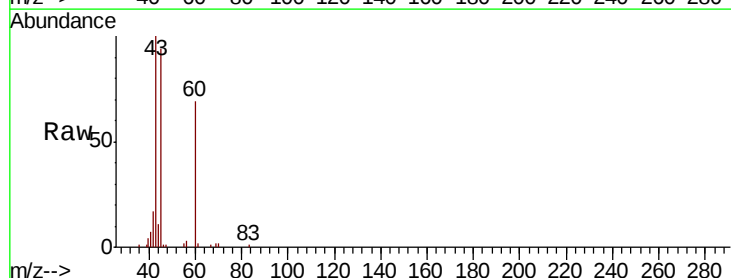
Instrument :
MSVOA_N
ClientSampleId :
P001-SD002-0006-01ME

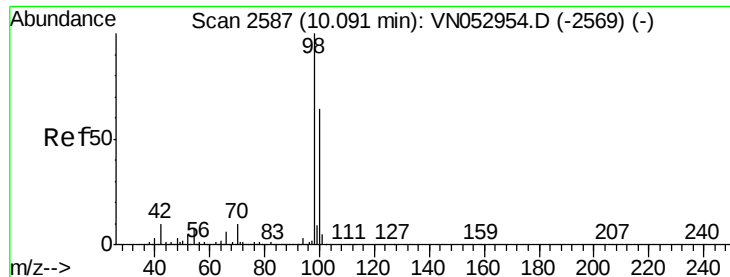
Tot Ion: 83 Resp: 48370
Ion Ratio Lower Upper
83 100
55 76.1 61.3 91.9
98 44.8 37.0 55.4



#43
Isopropyl Acetate
Concen: 10.148 ug/l
RT: 8.33 min Scan# 2040
Delta R.T. 0.17 min
Lab File: VN053007.D
Acq: 19 Dec 2018 13:29

Tgt Ion: 43 Resp: 236325
Ion Ratio Lower Upper
43 100
61 0.0 22.9 34.3#
87 0.0 10.6 15.8#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053007.D

Acq: 19 Dec 2018 13:29

Instrument :

MSVOA_N

ClientSampleId :

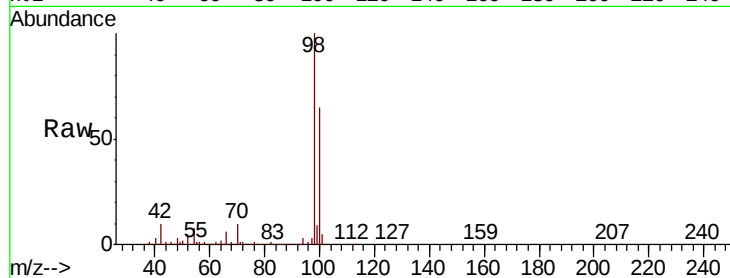
P001-SD002-0006-01ME

Tot Ion: 98 Resp: 2551712

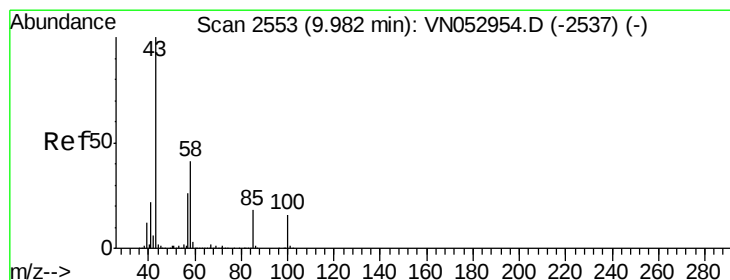
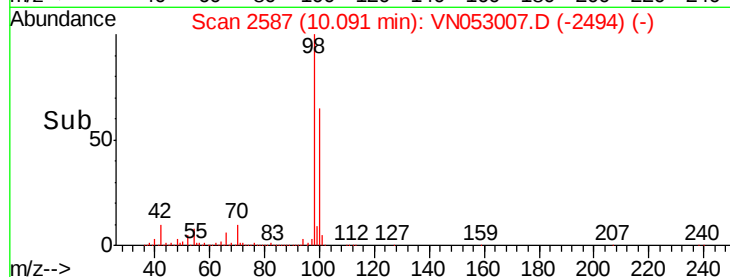
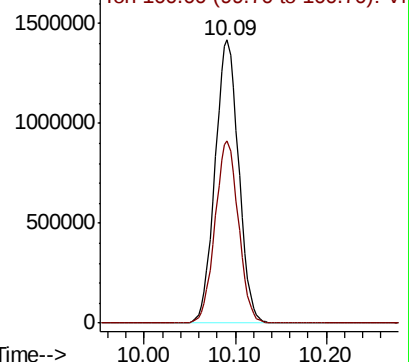
Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



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



#51

4-Methyl-2-Pentanone

Concen: 0.903 ug/l

RT: 10.09 min Scan# 2588

Delta R.T. 0.11 min

Lab File: VN053007.D

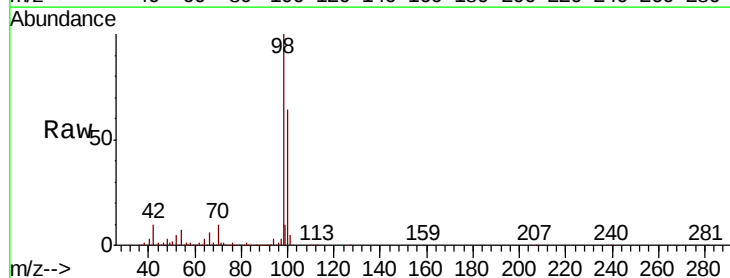
Acq: 19 Dec 2018 13:29

Tgt Ion: 43 Resp: 9723

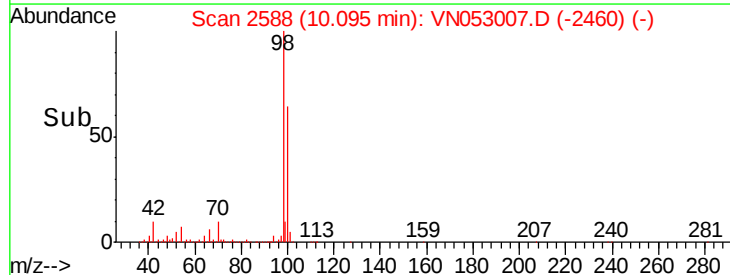
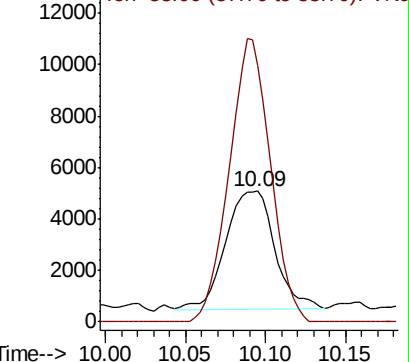
Ion Ratio Lower Upper

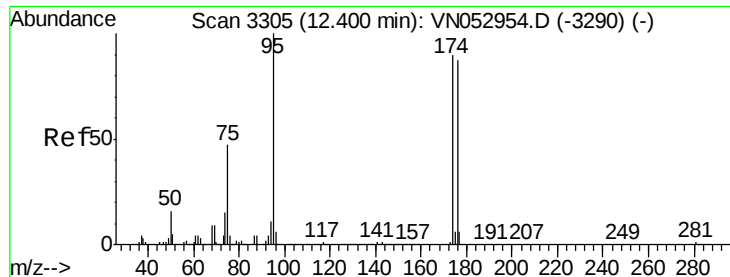
43 100

58 198.9 32.2 48.4#



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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053007.D

Acq: 19 Dec 2018 13:29

Instrument :

MSVOA_N

ClientSampleId :

P001-SD002-0006-01ME

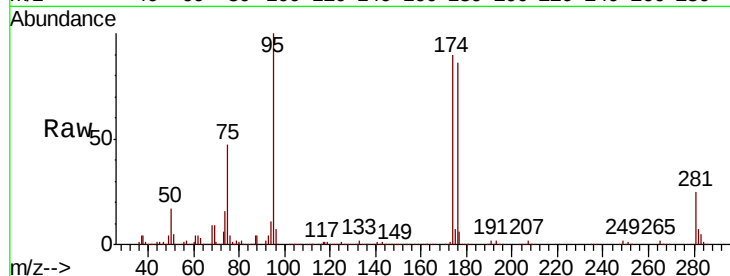
Tot Ion: 95 Resp: 884667

Ion Ratio Lower Upper

95 100

174 91.2 0.0 178.8

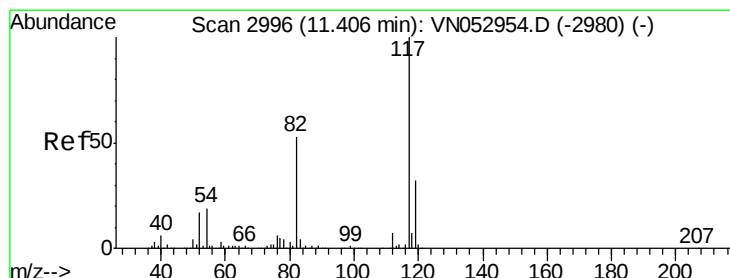
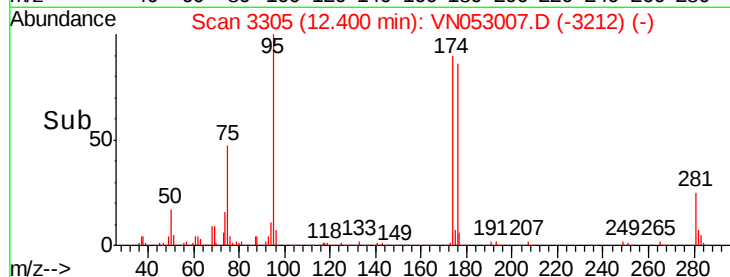
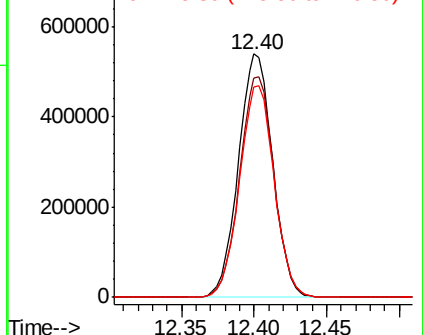
176 87.8 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053007.D

Acq: 19 Dec 2018 13:29

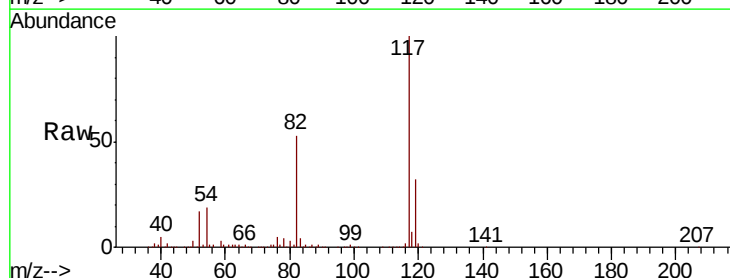
Tgt Ion: 117 Resp: 1889251

Ion Ratio Lower Upper

117 100

82 53.4 42.8 64.2

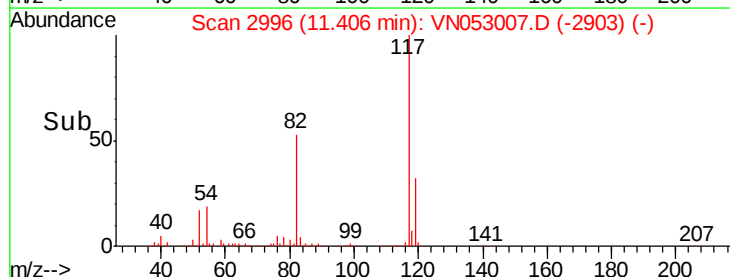
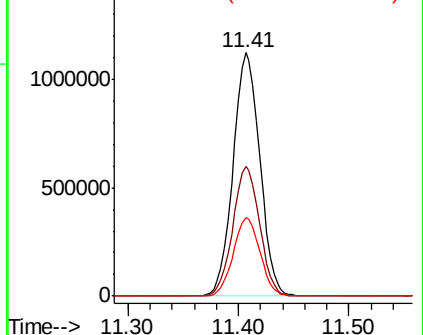
119 32.2 25.5 38.3

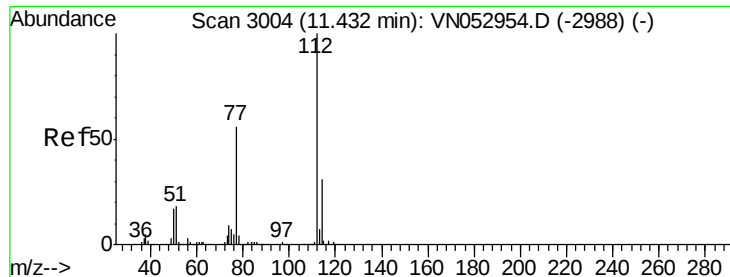


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

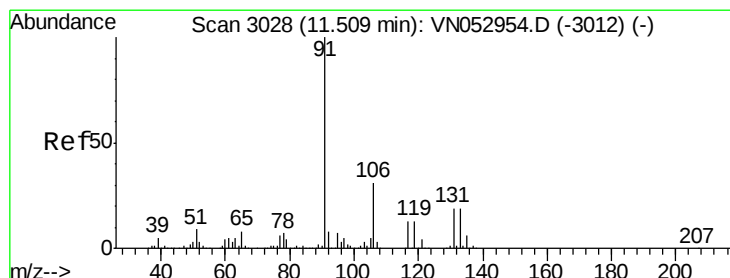
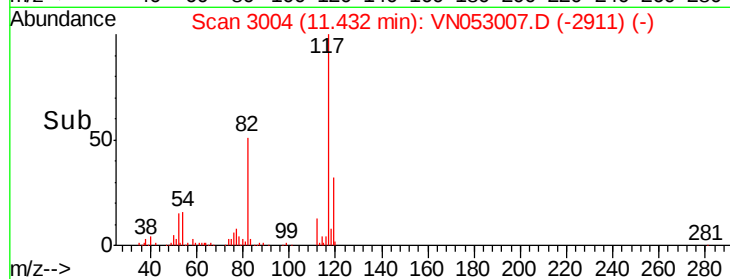
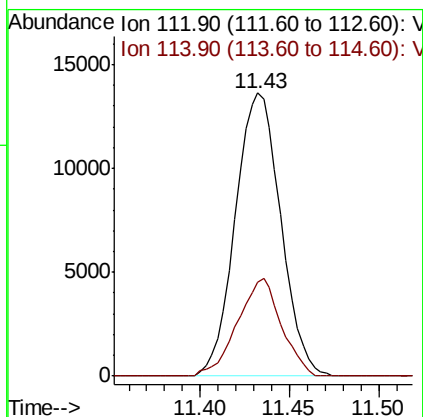
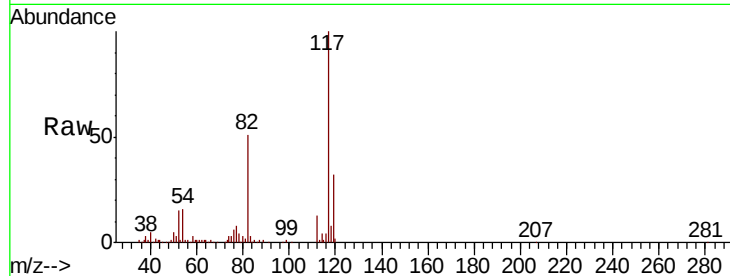




#65
Chlorobenzene
Concen: 0.578 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN053007.D
Acq: 19 Dec 2018 13:29

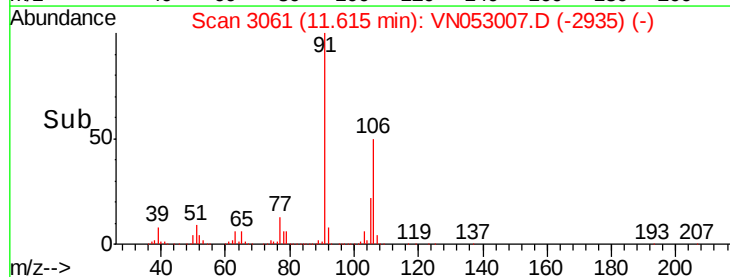
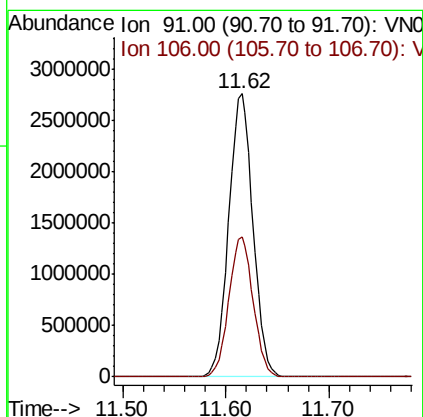
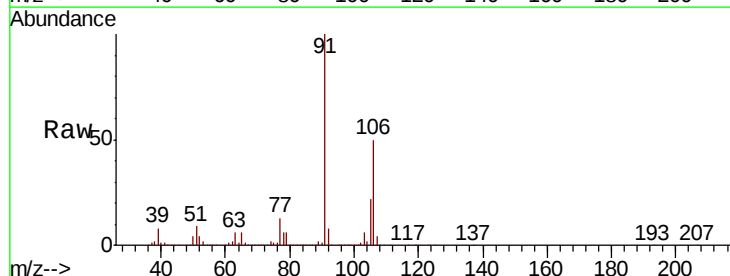
Instrument :
MSVOA_N
ClientSampleId :
P001-SD002-0006-01ME

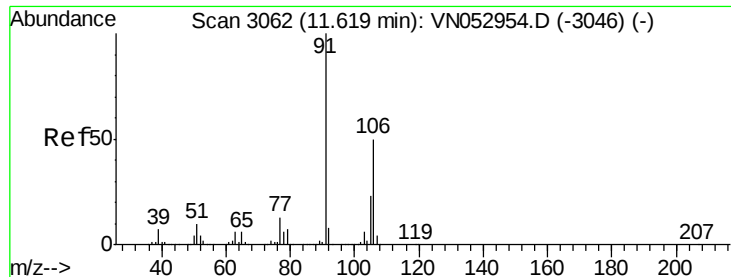
Tot Ion:112 Resp: 24214
Ion Ratio Lower Upper
112 100
114 33.0 25.5 38.3



#67
Ethyl Benzene
Concen: 62.630 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.11 min
Lab File: VN053007.D
Acq: 19 Dec 2018 13:29

Tgt Ion: 91 Resp: 4510739
Ion Ratio Lower Upper
91 100
106 49.6 24.9 37.3#

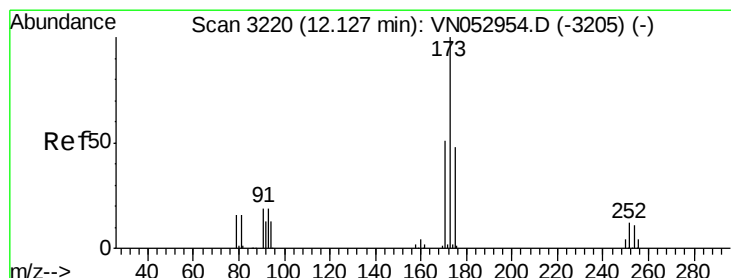
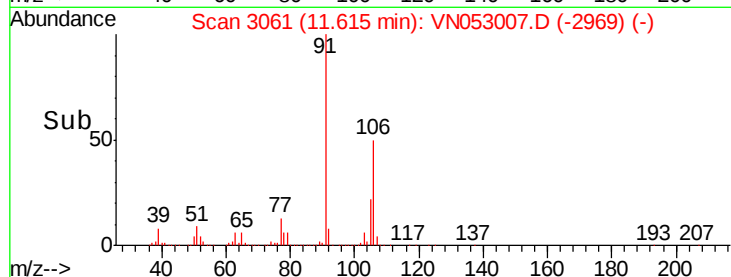
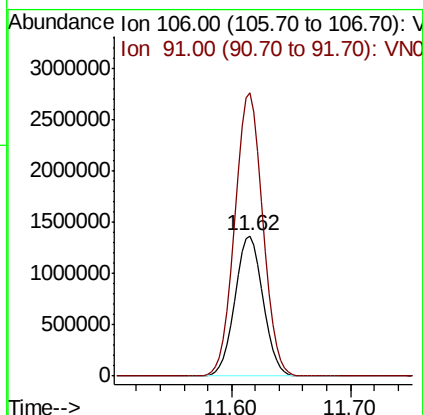
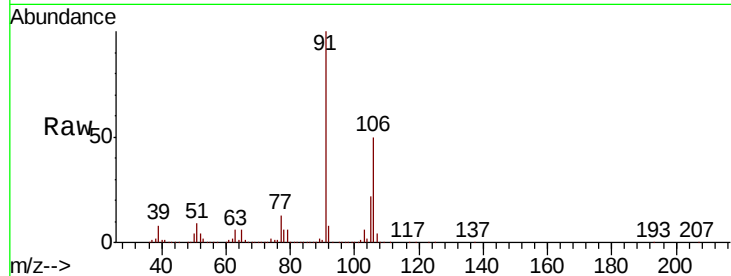




#68
m/p-Xvlenes
Concen: 81.791 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN053007.D
Acq: 19 Dec 2018 13:29

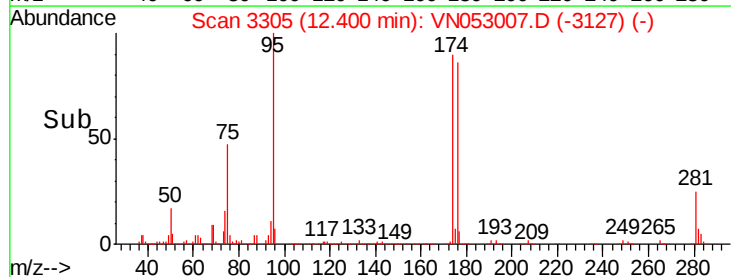
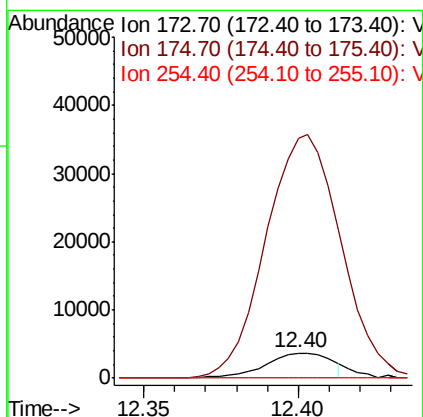
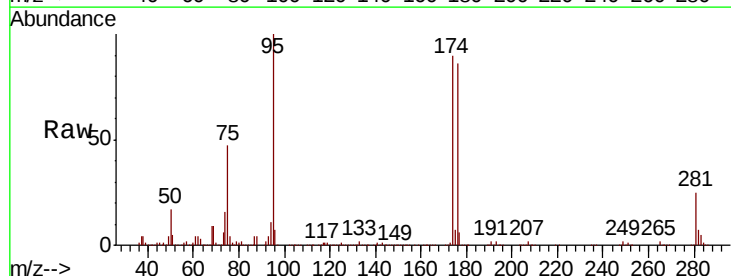
Instrument :
MSVOA_N
ClientSampleId :
P001-SD002-0006-01ME

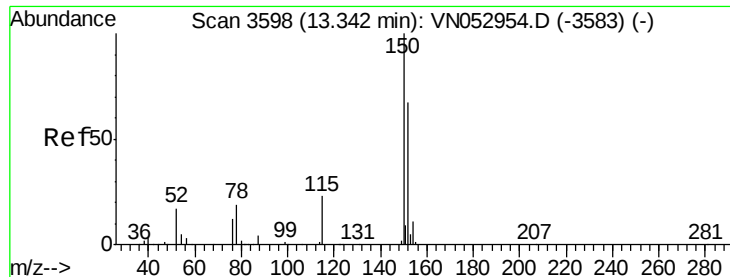
Tot Ion:106 Resp: 2239393
Ion Ratio Lower Upper
106 100
91 201.4 162.2 243.4



#71
Bromoform
Concen: 0.514 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053007.D
Acq: 19 Dec 2018 13:29

Tgt Ion:173 Resp: 5411
Ion Ratio Lower Upper
173 100
175 972.1 24.3 72.9#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053007.D

Acq: 19 Dec 2018 13:29

Instrument :

MSVOA_N

ClientSampleId :

P001-SD002-0006-01ME

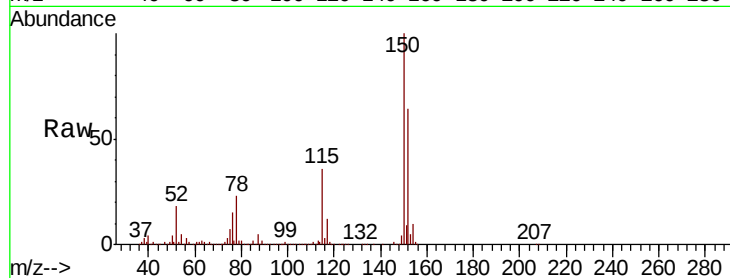
Tot Ion:152 Resp: 849820

Ion Ratio Lower Upper

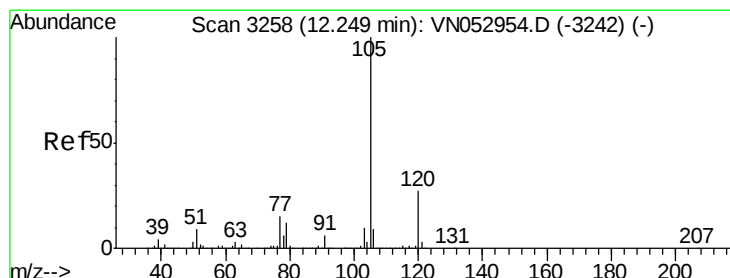
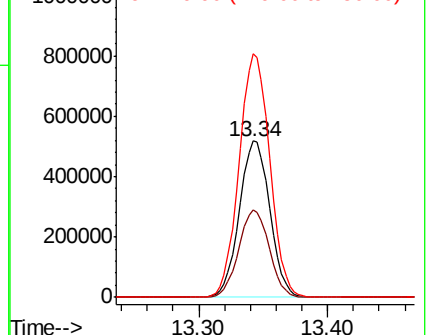
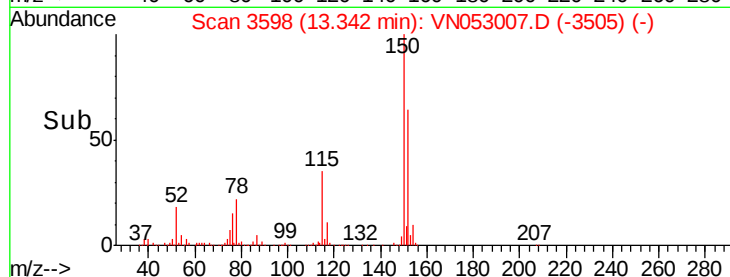
152 100

115 56.0 28.3 85.0

150 156.6 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: 0.331 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053007.D

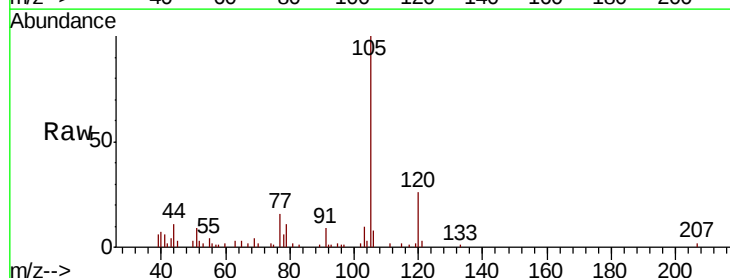
Acq: 19 Dec 2018 13:29

Tgt Ion:105 Resp: 21987

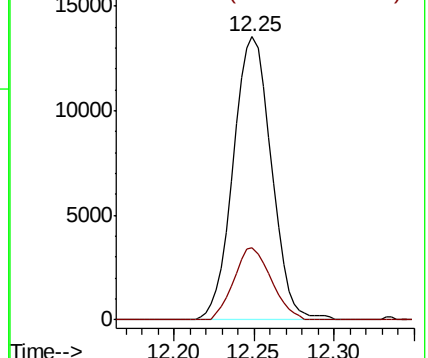
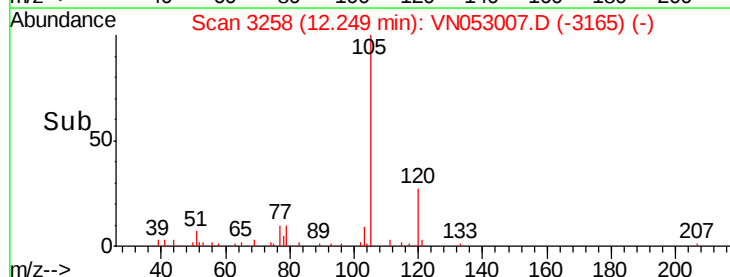
Ion Ratio Lower Upper

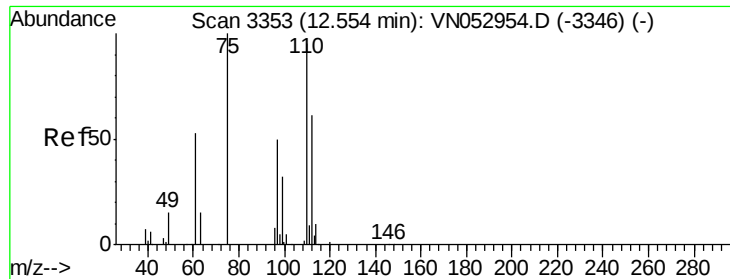
105 100

120 24.9 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

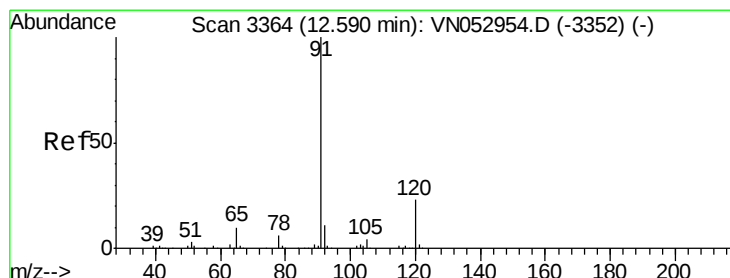
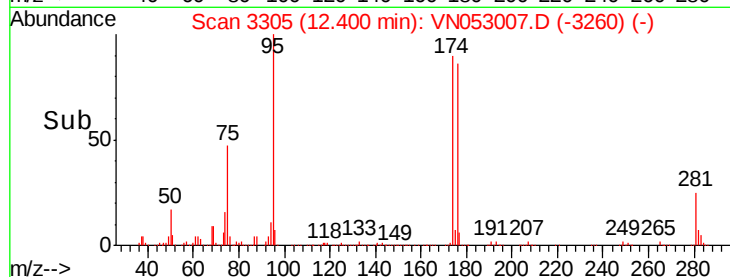
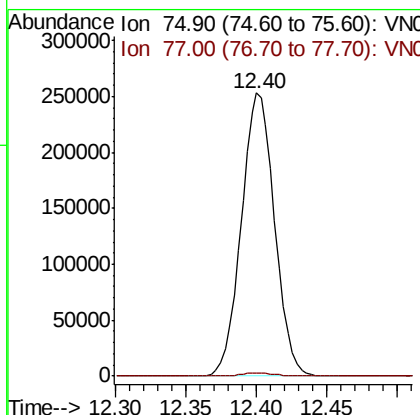
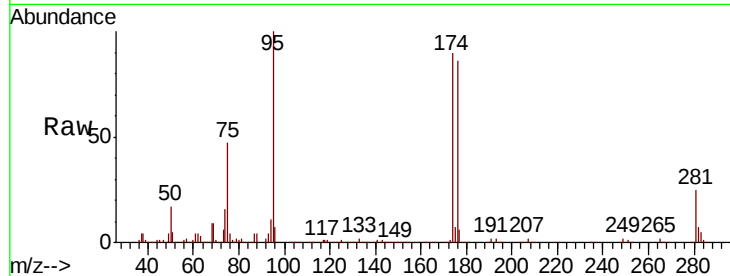




#76
 1,2,3-Trichloropropane
 Concen: 29.104 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN053007.D
 Acq: 19 Dec 2018 13:29

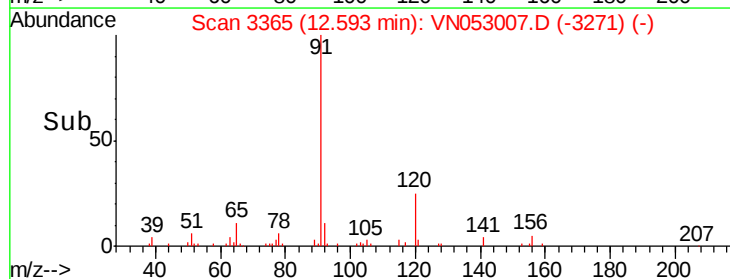
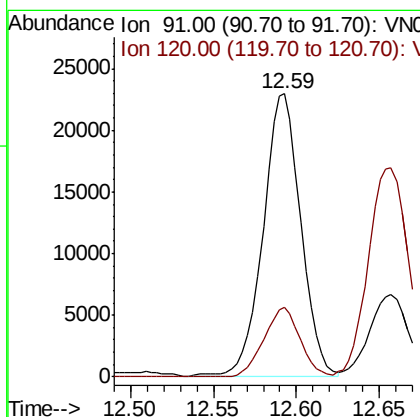
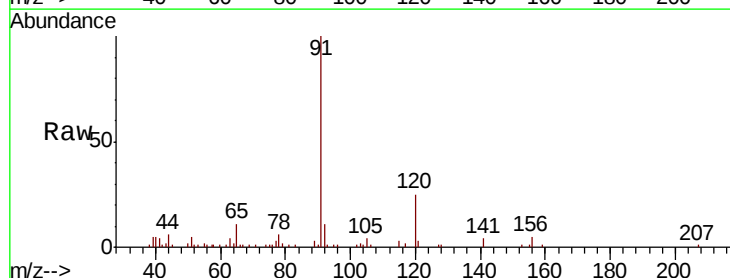
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD002-0006-01ME

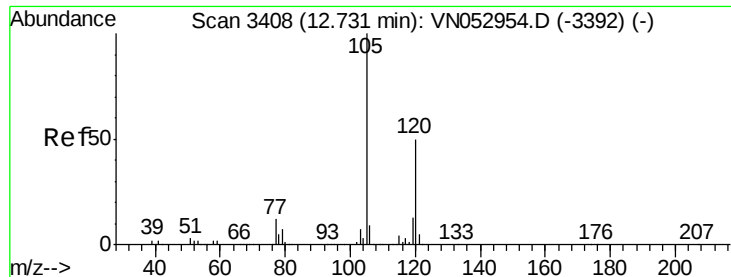
Tot Ion: 75 Resp: 416364
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#78
 n-propylbenzene
 Concen: 0.482 ug/l
 RT: 12.59 min Scan# 3365
 Delta R.T. 0.00 min
 Lab File: VN053007.D
 Acq: 19 Dec 2018 13:29

Tgt Ion: 91 Resp: 36529
 Ion Ratio Lower Upper
 91 100
 120 23.5 11.5 34.5





#80

1,3,5-Trimethylbenzene

Concen: 0.945 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN053007.D

Acq: 19 Dec 2018 13:29

Instrument :

MSVOA_N

ClientSampleId :

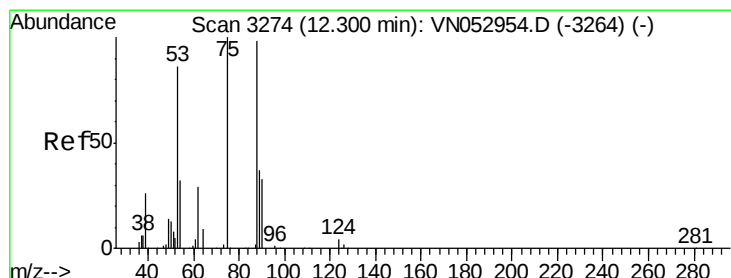
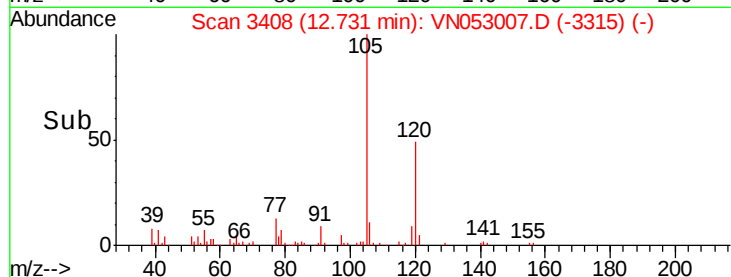
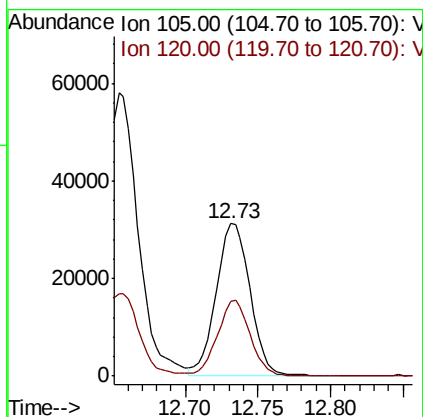
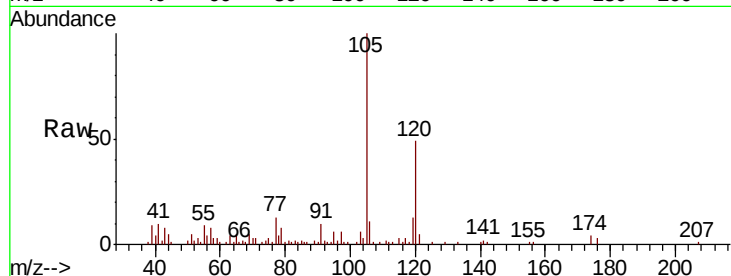
P001-SD002-0006-01ME

Tot Ion:105 Resp: 51205

Ion Ratio Lower Upper

105 100

120 47.7 24.4 73.2



#81

trans-1,4-Dichloro-2-butene

Concen: 93.807 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053007.D

Acq: 19 Dec 2018 13:29

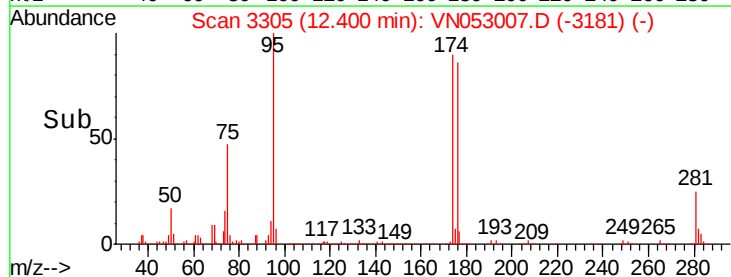
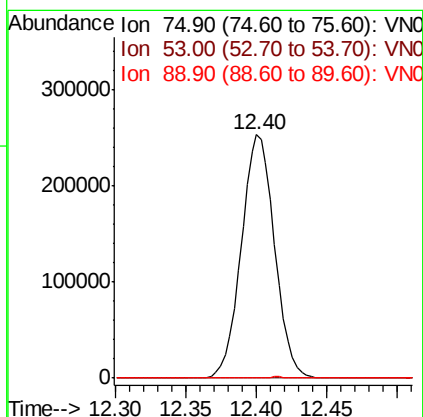
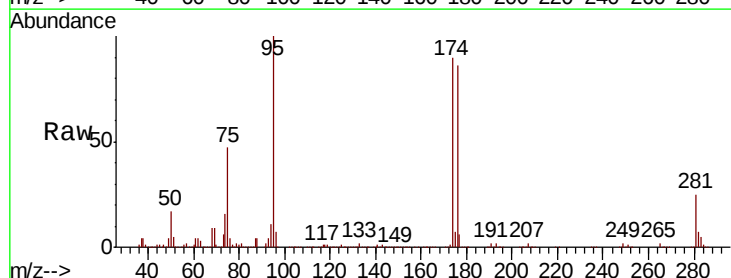
Tgt Ion: 75 Resp: 416364

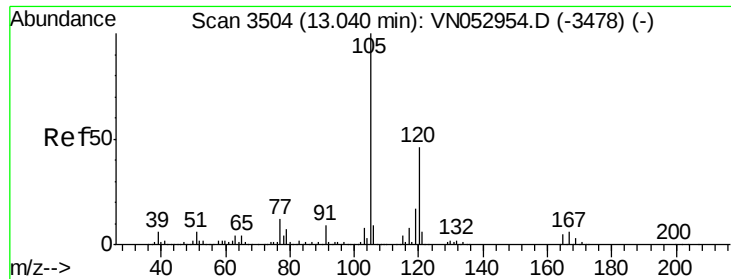
Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.4 36.1 54.1#





#84

1,2,4-Trimethylbenzene

Concen: 2.736 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN053007.D

Acq: 19 Dec 2018 13:29

Instrument :

MSVOA_N

ClientSampleId :

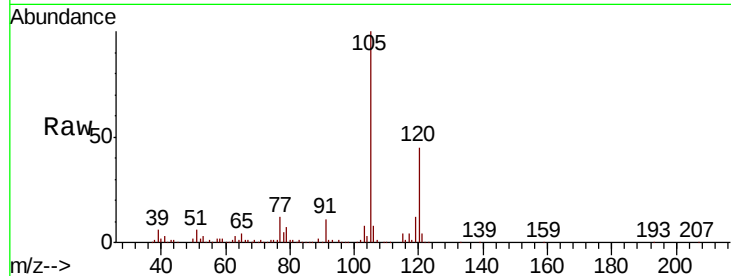
P001-SD002-0006-01ME

Tot Ion:105 Resp: 149036

Ion Ratio Lower Upper

105 100

120 45.4 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04

100000

80000

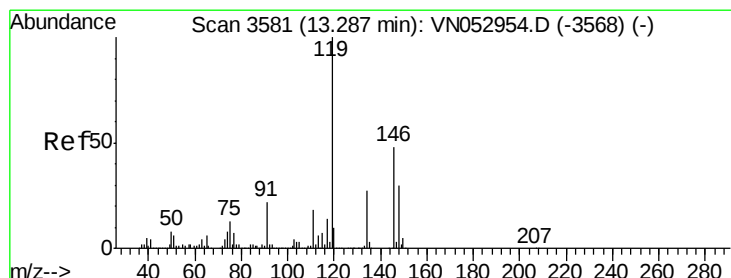
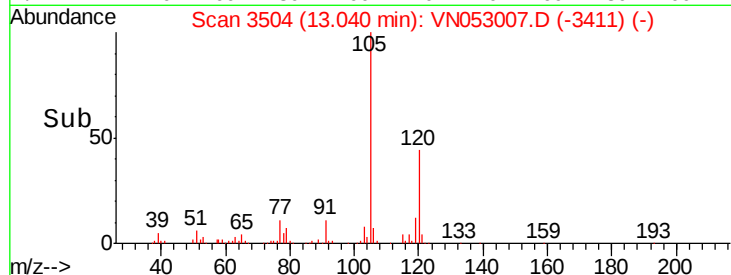
60000

40000

20000

0

Time-->



#86

p-Isopropyltoluene

Concen: 0.375 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN053007.D

Acq: 19 Dec 2018 13:29

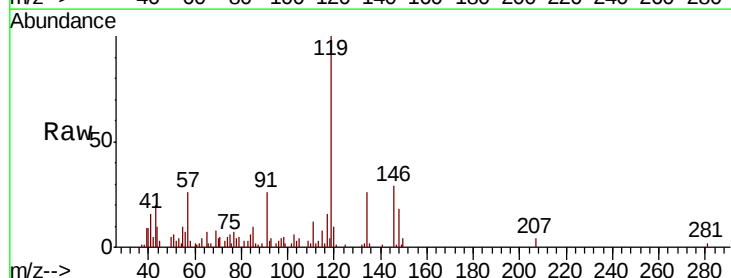
Tgt Ion:119 Resp: 21034

Ion Ratio Lower Upper

119 100

134 28.5 13.4 40.2

91 25.4 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

13.29

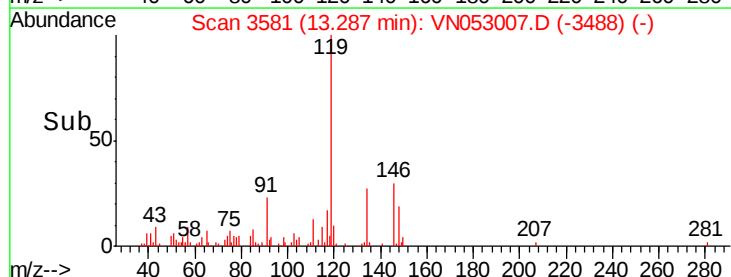
15000

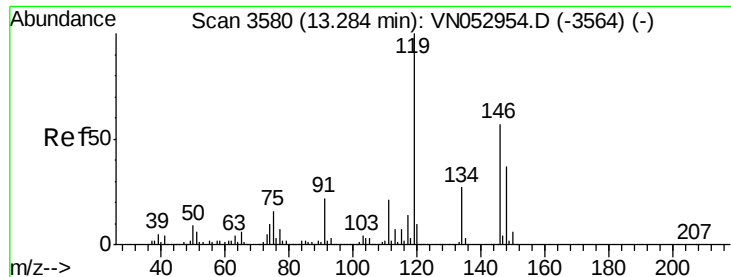
10000

5000

0

Time-->

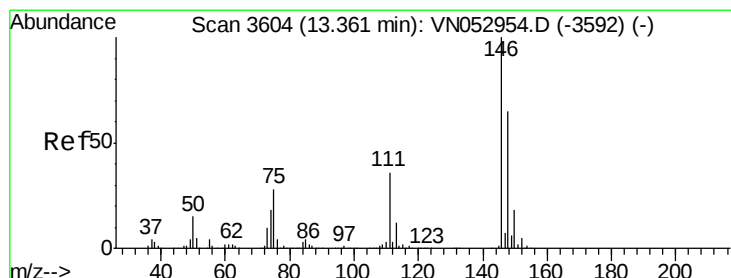
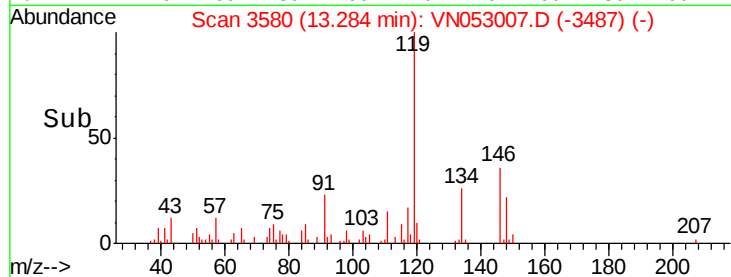
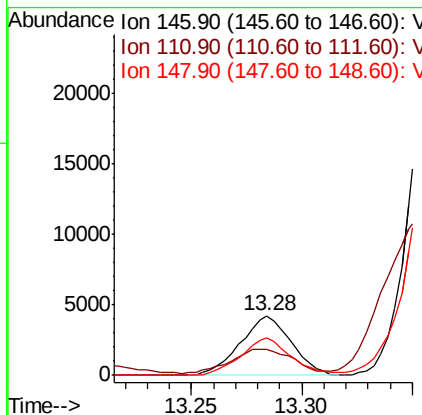
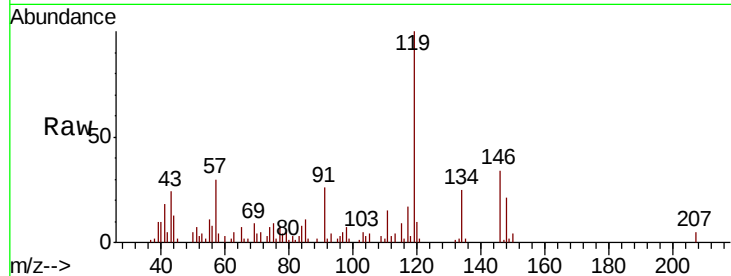




#87
 1,3-Dichlorobenzene
 Concen: 0.219 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN053007.D
 Acq: 19 Dec 2018 13:29

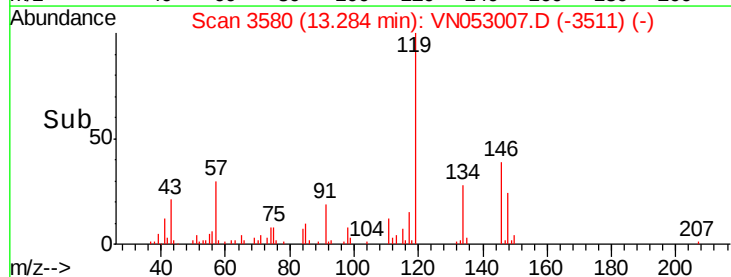
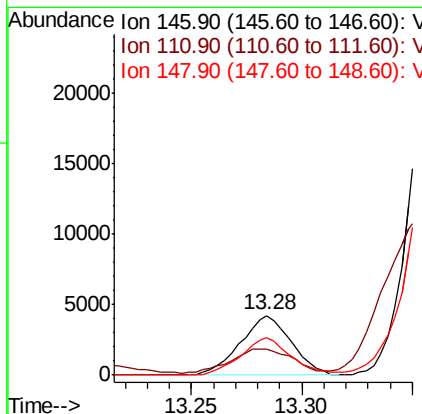
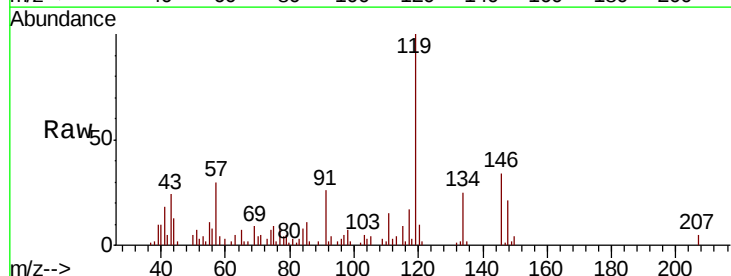
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD002-0006-01ME

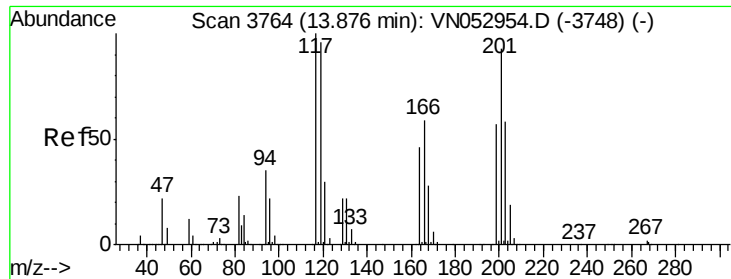
Tot Ion:146 Resp: 6709
 Ion Ratio Lower Upper
 146 100
 111 47.3 19.1 57.1
 148 62.1 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 0.217 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.08 min
 Lab File: VN053007.D
 Acq: 19 Dec 2018 13:29

Tgt Ion:146 Resp: 6709
 Ion Ratio Lower Upper
 146 100
 111 47.3 18.6 55.8
 148 62.1 32.1 96.5





#90

Hexachloroethane

Concen: 0.385 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN053007.D

Acq: 19 Dec 2018 13:29

Instrument :

MSVOA_N

ClientSampleId :

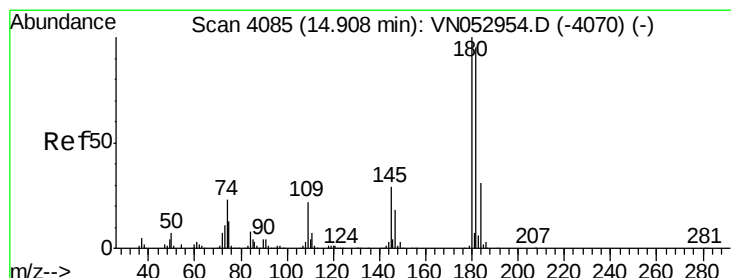
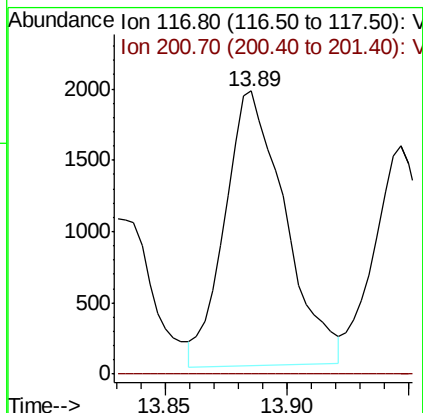
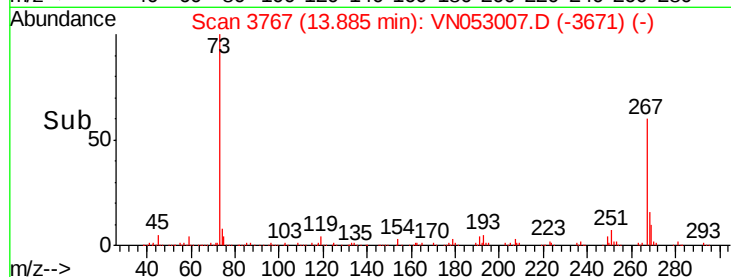
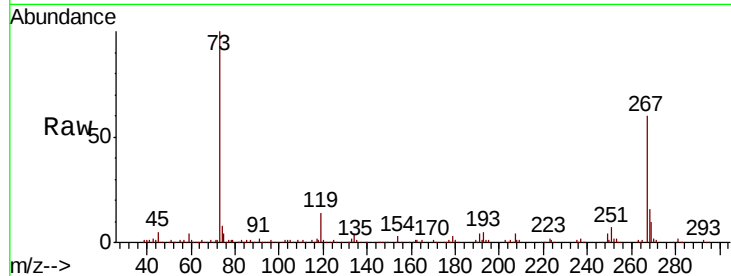
P001-SD002-0006-01ME

Tot Ion:117 Resp: 3312

Ion Ratio Lower Upper

117 100

201 0.0 45.7 137.1#



#93

1,2,4-Trichlorobenzene

Concen: 0.638 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN053007.D

Acq: 19 Dec 2018 13:29

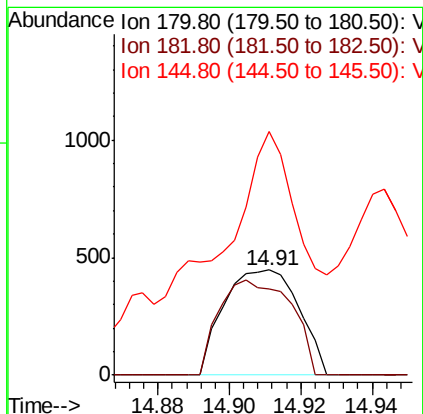
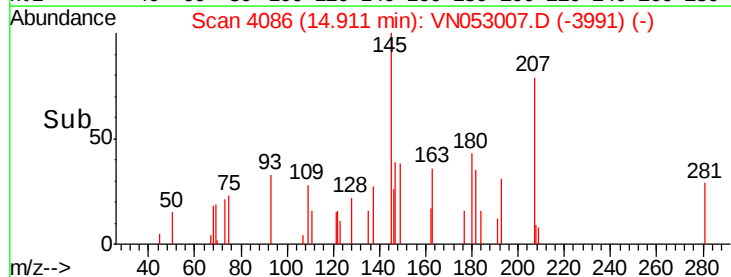
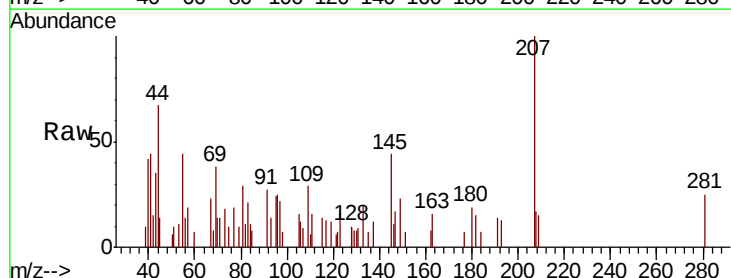
Tgt Ion:180 Resp: 648

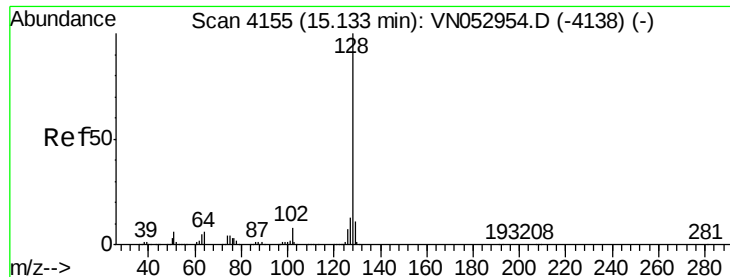
Ion Ratio Lower Upper

180 100

182 87.0 47.8 143.3

145 215.1 14.2 42.6#





#95

Naphthalene

Concen: 2.309 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN053007.D

Acq: 19 Dec 2018 13:29

Instrument :

MSVOA_N

ClientSampleId :

P001-SD002-0006-01ME

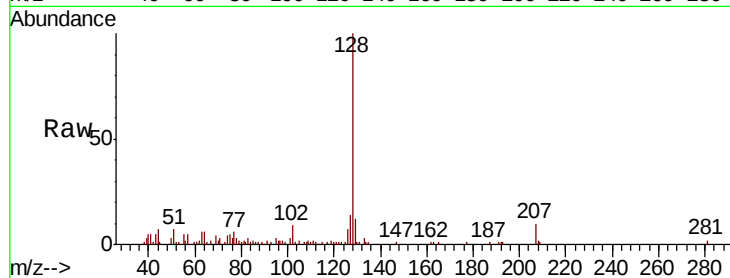
Tot Ion:128 Resp: 39745

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

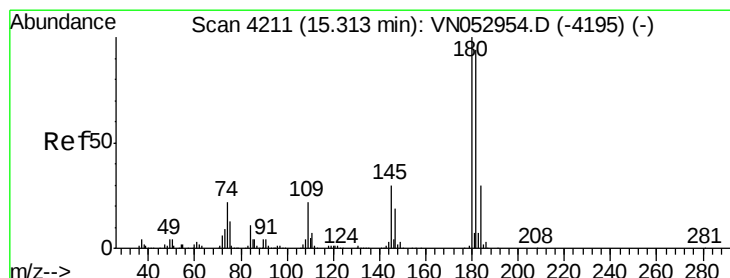
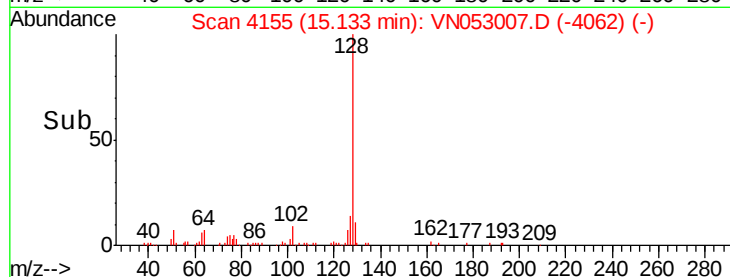
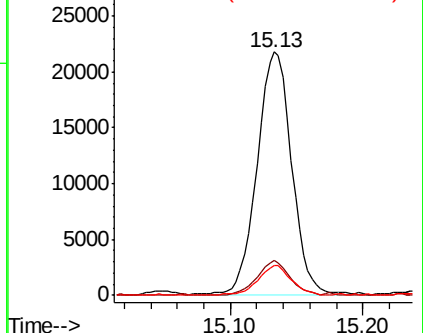
129 11.9 8.6 13.0



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: 0.531 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053007.D

Acq: 19 Dec 2018 13:29

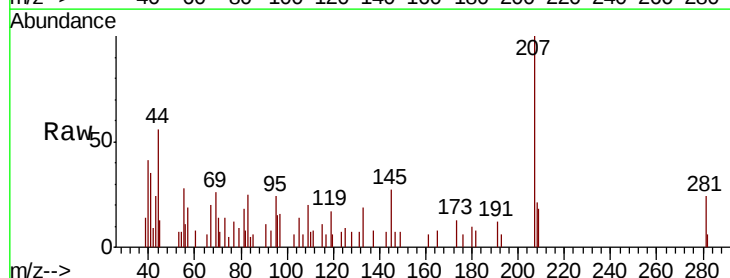
Tgt Ion:180 Resp: 327

Ion Ratio Lower Upper

180 100

182 40.7 47.9 143.7#

145 98.5 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

