

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122118\
 Data File : VN053110.D
 Acq On : 21 Dec 2018 18:55
 Operator : MD\SY
 Sample : J6377-04ME 10X
 Misc : 4.57µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD014-0612-01ME

Quant Time: Dec 22 01:19:10 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	1263374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1925038	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1761514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	806809	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	623635	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	
35) Dibromofluoromethane	7.59	113	498360	56.67	ug/l	0.00
Spiked Amount			Recovery	=	113.34%	
50) Toluene-d8	10.09	98	2360923	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.40	95	838161	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	157	0.221	ug/l	94
14) Allyl chloride	4.60	41	68630	3.679	ug/l #	56
15) Acrylonitrile	5.06	53	8710	2.004	ug/l #	34
16) Acetone	3.82	43	2331	0.927	ug/l #	82
18) Methyl Acetate	4.33	43	5521	1.466	ug/l #	83
25) 2-Butanone	6.63	43	35015	8.300	ug/l #	49
31) Cyclohexane	7.66	56	88626	3.006	ug/l #	76
36) 1,1-Dichloropropene	7.67	75	82724	4.477	ug/l #	49
38) Carbon Tetrachloride	7.67	117	110428	6.520	ug/l #	16
39) Methylcyclohexane	9.08	83	150888	6.722	ug/l	97
43) Isopropyl Acetate	8.16	43	6981	Below Cal	#	53
48) Methyl methacrylate	9.27	41	3401	0.340	ug/l #	59
51) 4-Methyl-2-Pentanone	10.09	43	9969	0.998	ug/l #	1
52) Toluene	10.16	92	12811	0.376	ug/l	93
55) 1,1,2-Trichloroethane	10.53	97	8042	0.677	ug/l #	20
56) Ethyl methacrylate	10.43	69	3372	0.214	ug/l #	71
65) Chlorobenzene	11.44	112	62229	1.594	ug/l	99
67) Ethyl Benzene	11.51	91	130496	1.943	ug/l	99
68) m/p-Xylenes	11.62	106	1478578	57.919	ug/l	100
69) o-Xylene	11.95	106	93451	3.815	ug/l	99
73) Isopropylbenzene	12.25	105	17730	0.281	ug/l	96
76) 1,2,3-Trichloropropane	12.40	75	401742	29.579	ug/l #	100
77) Bromobenzene	12.54	156	19265	1.174	ug/l #	1
78) n-propylbenzene	12.59	91	36785	0.512	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	62121	1.207	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	401742	95.338	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	205744	3.978	ug/l	99
85) sec-Butylbenzene	13.04	105	205744	3.343	ug/l #	56
86) p-Isopropyltoluene	13.29	119	11992	0.225	ug/l	94
87) 1,3-Dichlorobenzene	13.28	146	13892	0.478	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	166592	5.664	ug/l	96
90) Hexachloroethane	13.89	117	3852	0.472	ug/l #	7
93) 1,2,4-Trichlorobenzene	14.71	180	258	0.614	ug/l	71
95) Naphthalene	15.14	128	27032	1.979	ug/l	99

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

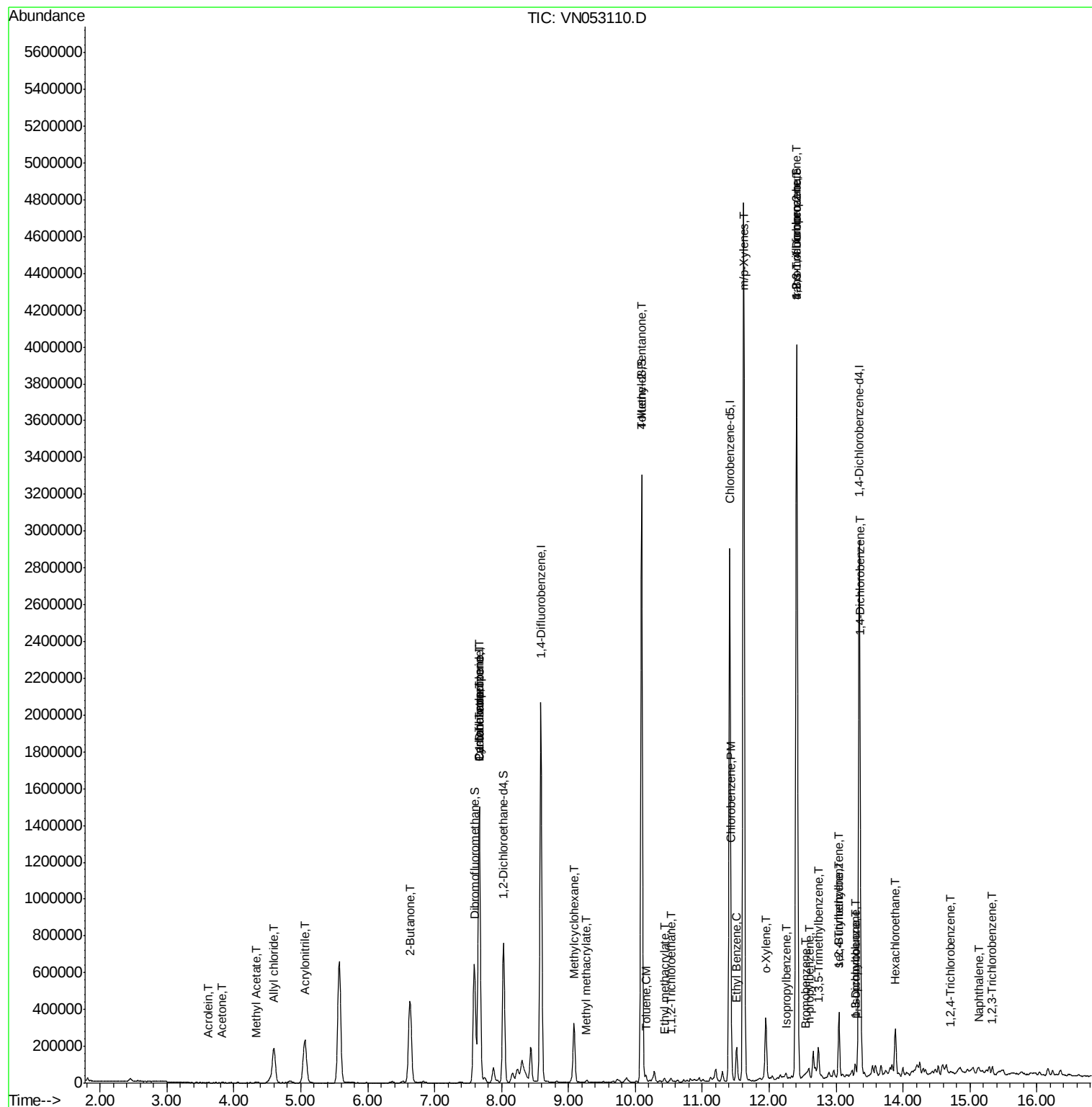
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.32	180	943	0.580	ug/l #	63

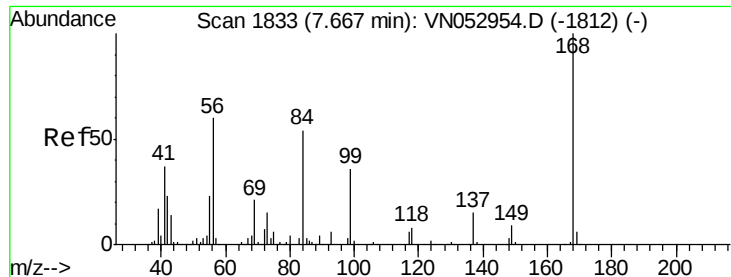
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122118\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053110.D

Acq: 21 Dec 2018 18:55

Instrument :

MSVOA_N

ClientSampleId :

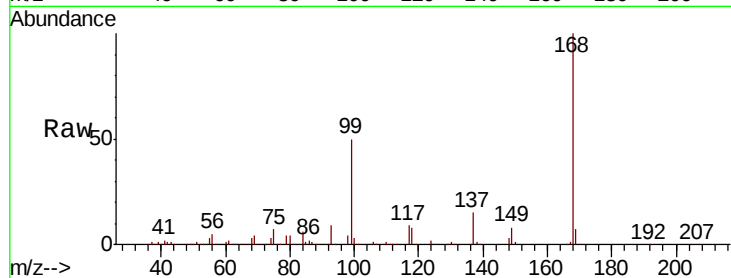
P001-SD014-0612-01ME

Tot Ion:168 Resp: 1263374

Ion Ratio Lower Upper

168 100

99 49.7 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

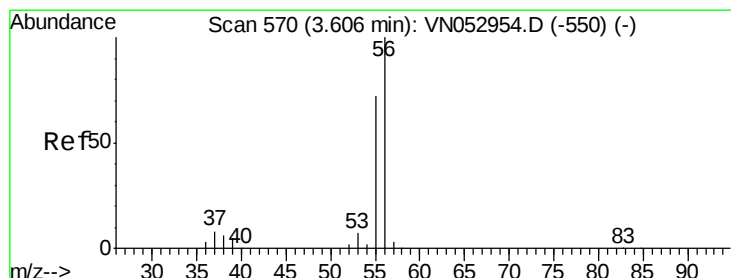
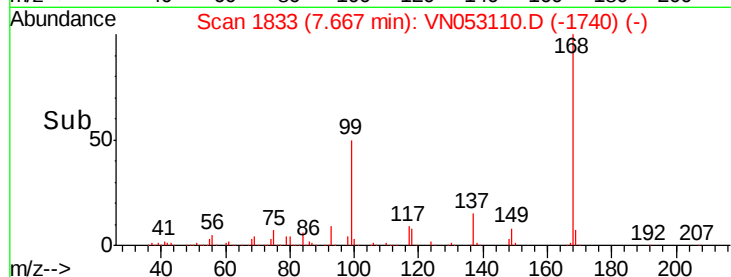
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 0.221 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN053110.D

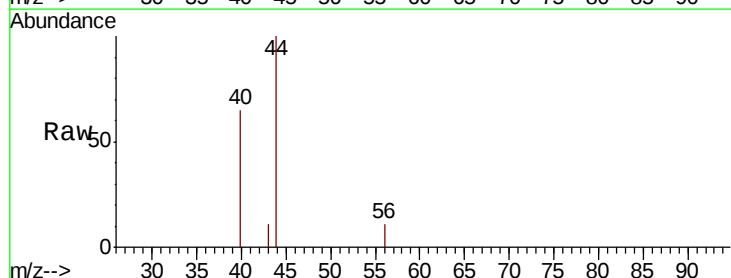
Acq: 21 Dec 2018 18:55

Tgt Ion: 56 Resp: 157

Ion Ratio Lower Upper

56 100

55 66.2 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

200

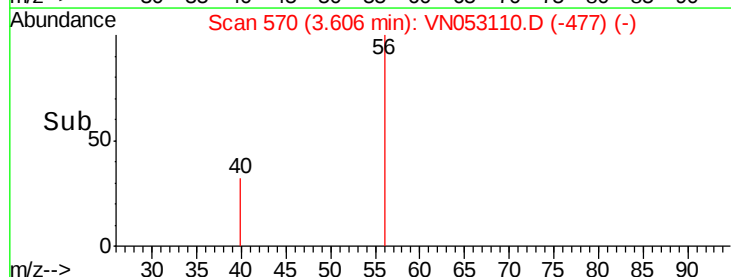
150

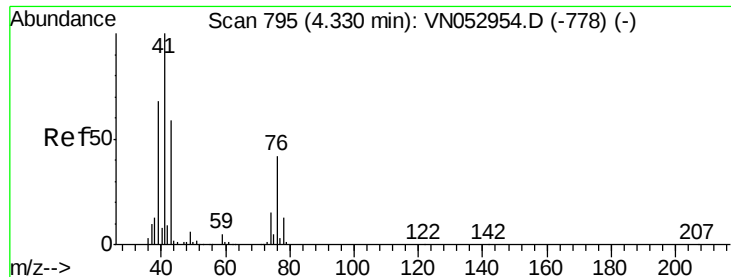
100

50

0

Time-->

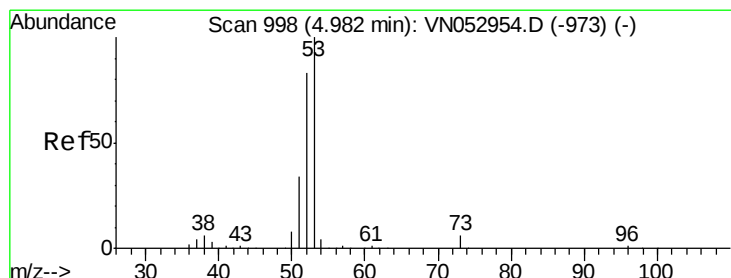
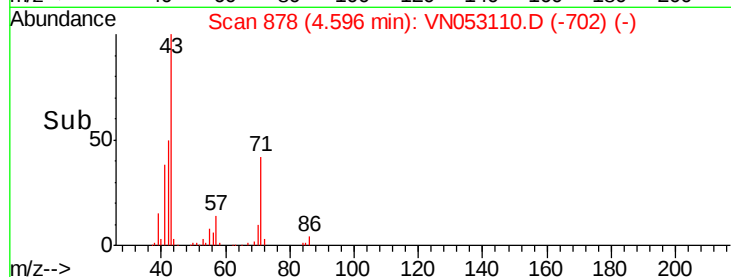
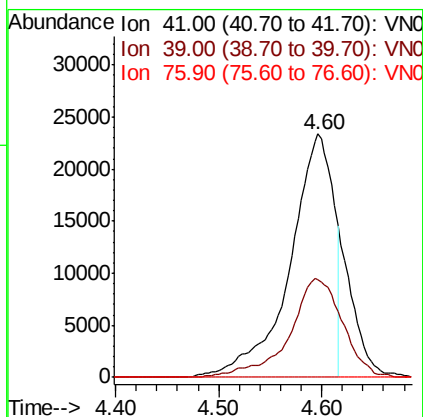
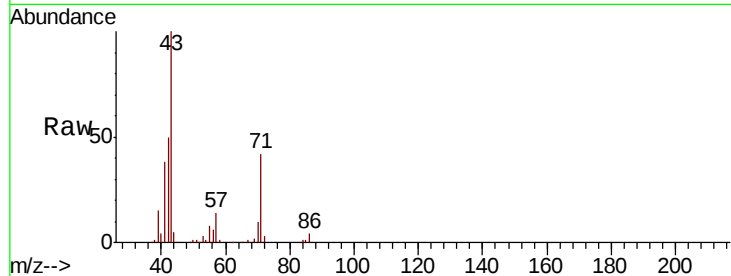




#14
Allvl chloride
Concen: 3.679 ug/l
RT: 4.60 min Scan# 878
Delta R.T. 0.27 min
Lab File: VN053110.D
Acq: 21 Dec 2018 18:55

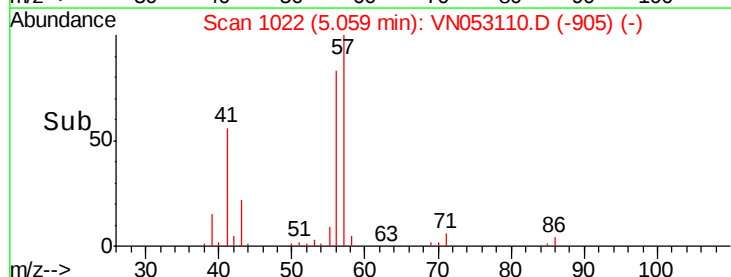
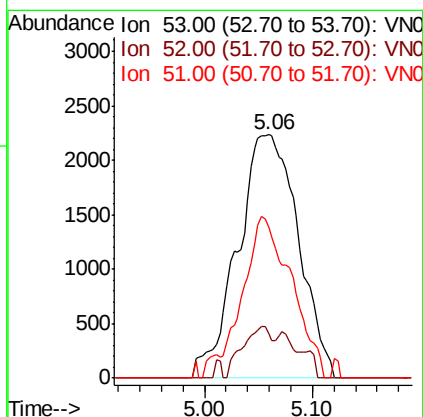
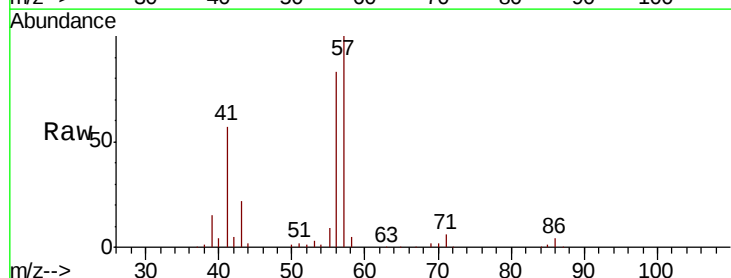
Instrument :
MSVOA_N
ClientSampleId :
P001-SD014-0612-01ME

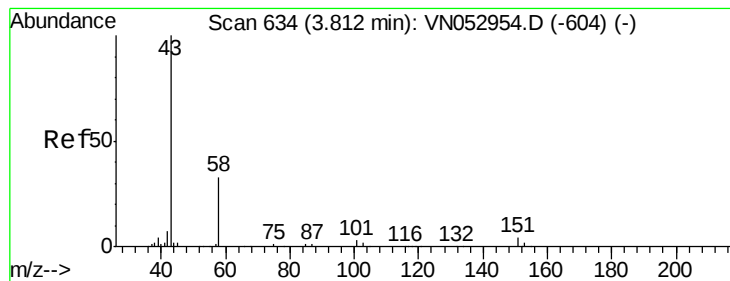
Tot Ion: 41 Resp: 68630
Ion Ratio Lower Upper
41 100
39 41.3 54.1 81.1#
76 0.0 30.3 45.5#



#15
Acrylonitrile
Concen: 2.004 ug/l
RT: 5.06 min Scan# 1022
Delta R.T. 0.08 min
Lab File: VN053110.D
Acq: 21 Dec 2018 18:55

Tgt Ion: 53 Resp: 8710
Ion Ratio Lower Upper
53 100
52 9.9 65.1 97.7#
51 54.5 28.1 42.1#





#16

Acetone

Concen: 0.927 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053110.D

Acq: 21 Dec 2018 18:55

Instrument :

MSVOA_N

ClientSampleId :

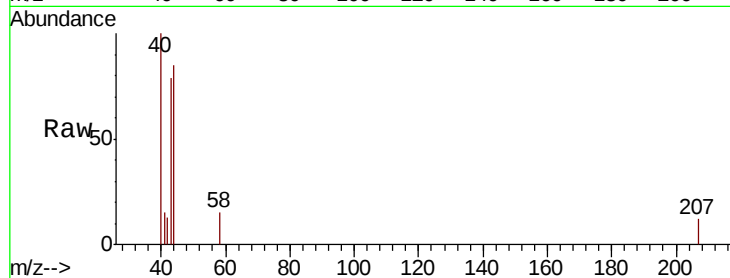
P001-SD014-0612-01ME

Tot Ion: 43 Resp: 2331

Ion Ratio Lower Upper

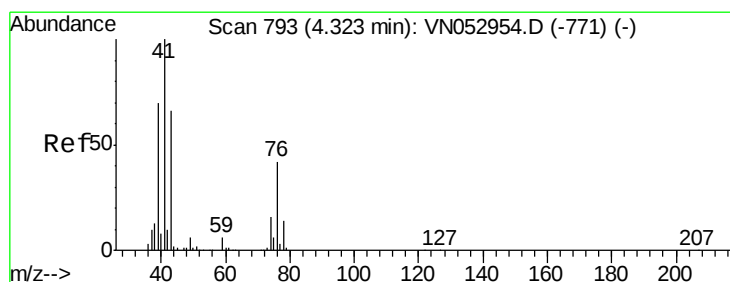
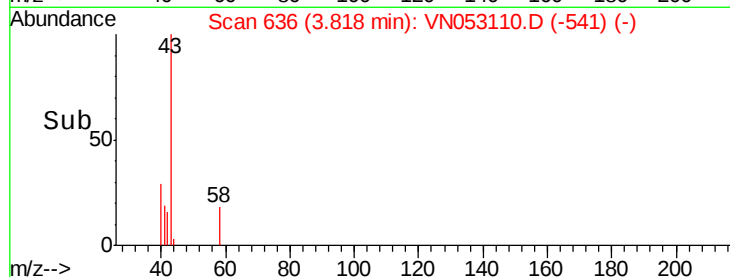
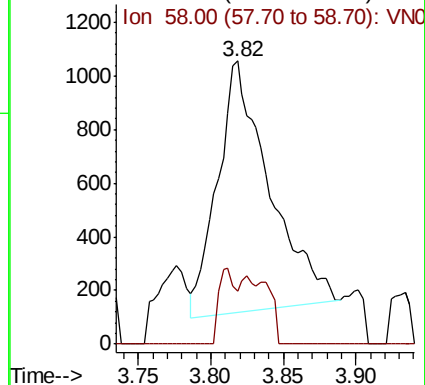
43 100

58 21.9 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VN053110.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053110.D (-541) (-)



#18

Methyl Acetate

Concen: 1.466 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN053110.D

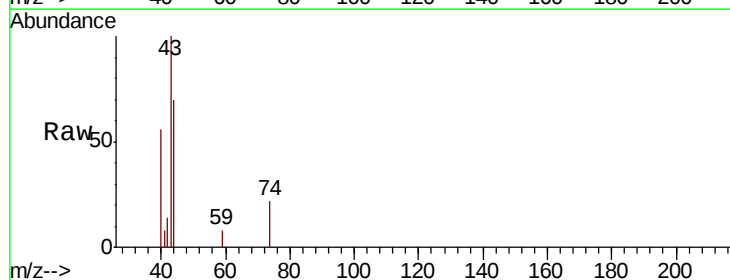
Acq: 21 Dec 2018 18:55

Tgt Ion: 43 Resp: 5521

Ion Ratio Lower Upper

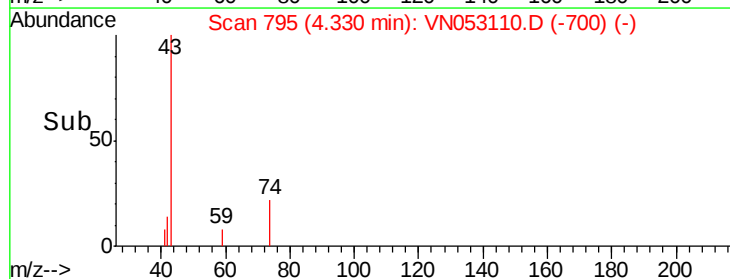
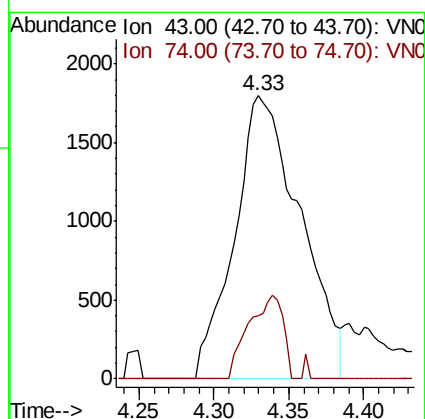
43 100

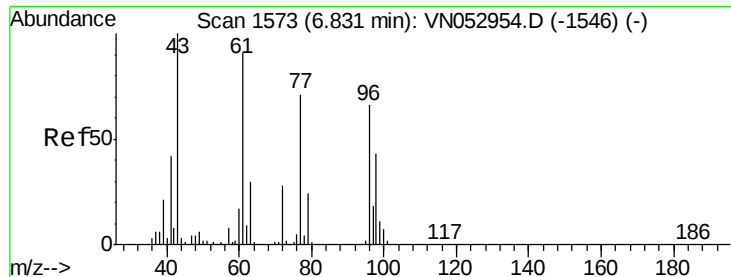
74 15.4 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VN053110.D (-700) (-)

Ion 74.00 (73.70 to 74.70): VN053110.D (-700) (-)

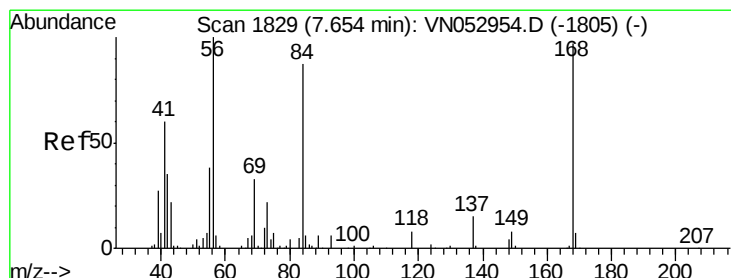
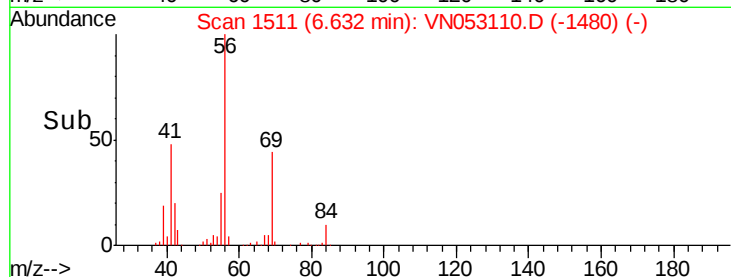
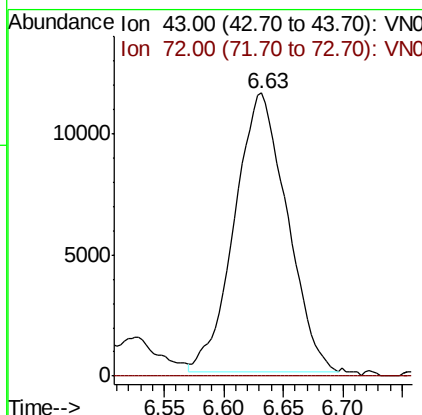
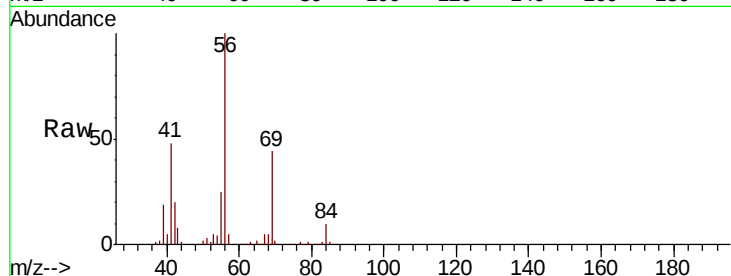




#25
2-Butanone
Concen: 8.300 ug/l
RT: 6.63 min Scan# 1511
Delta R.T. -0.20 min
Lab File: VN053110.D
Acq: 21 Dec 2018 18:55

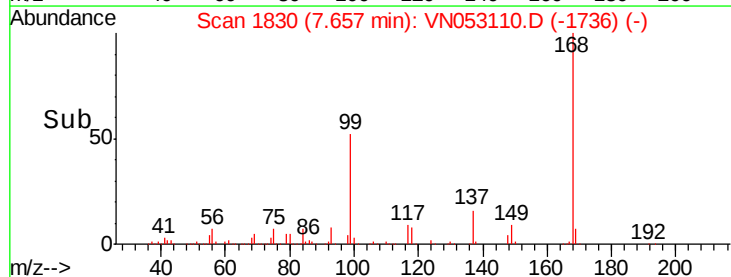
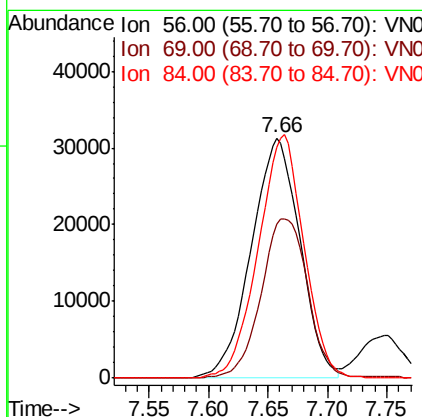
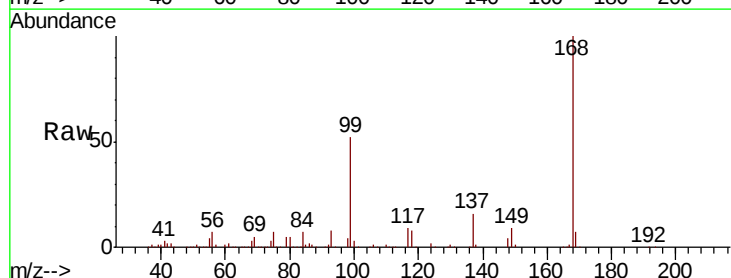
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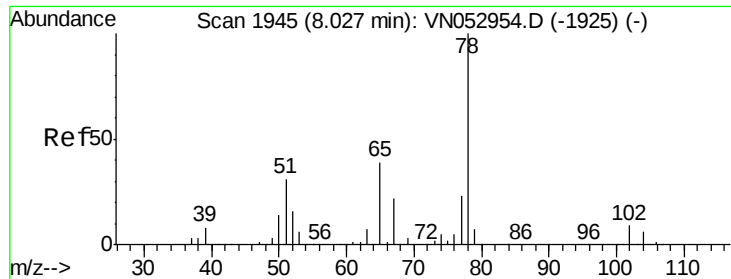
Tot Ion: 43 Resp: 35015
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#



#31
Cyclohexane
Concen: 3.006 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN053110.D
Acq: 21 Dec 2018 18:55

Tgt Ion: 56 Resp: 88626
Ion Ratio Lower Upper
56 100
69 64.3 26.6 39.8#
84 96.1 68.4 102.6

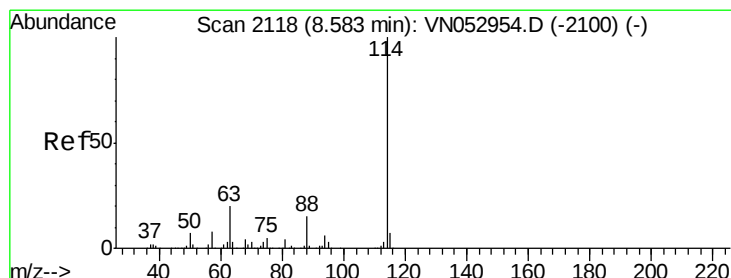
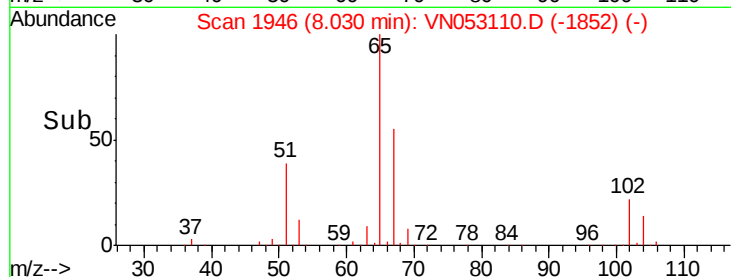
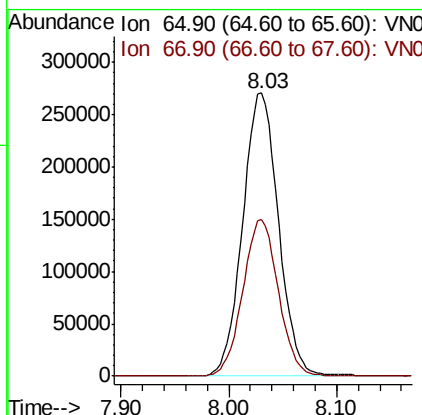
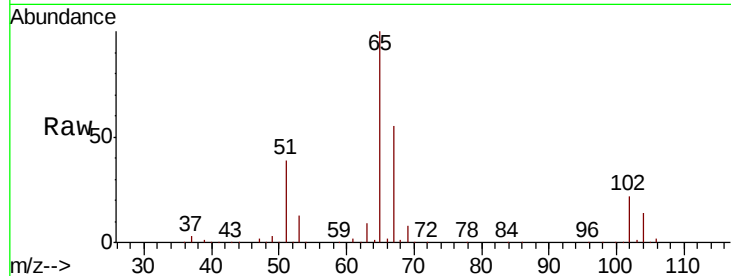




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN053110.D
 Acq: 21 Dec 2018 18:55

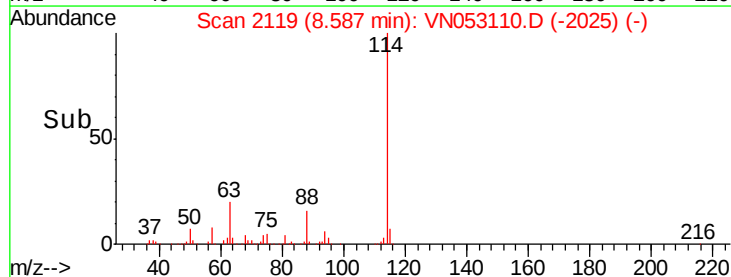
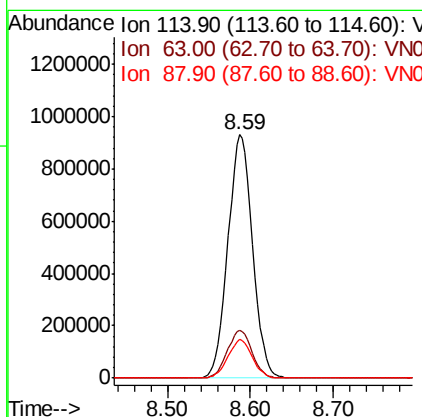
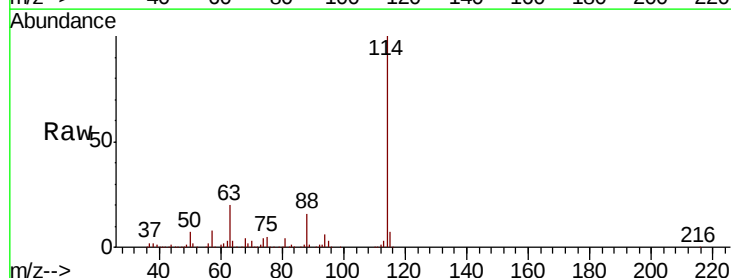
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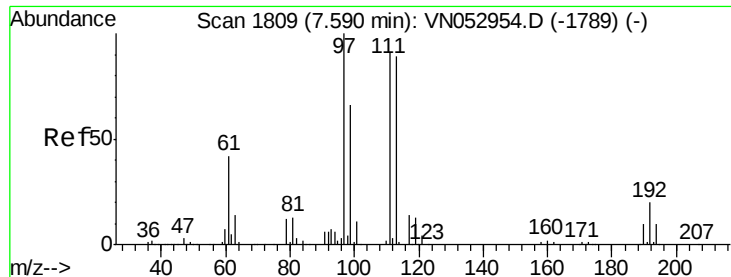
Tot Ion: 65 Resp: 623635
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053110.D
 Acq: 21 Dec 2018 18:55

Tgt Ion: 114 Resp: 1925038
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.7 0.0 31.0

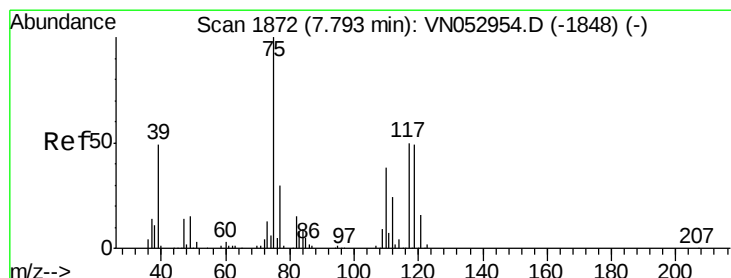
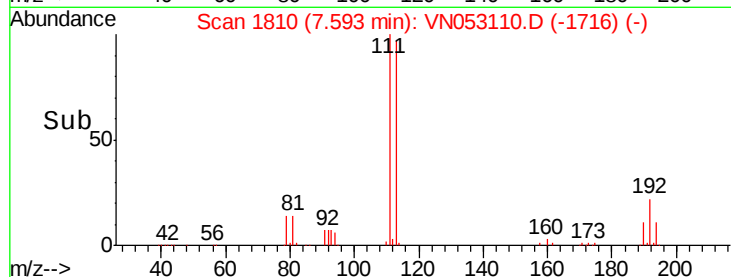
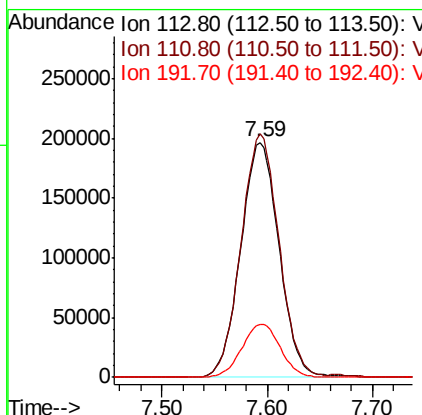
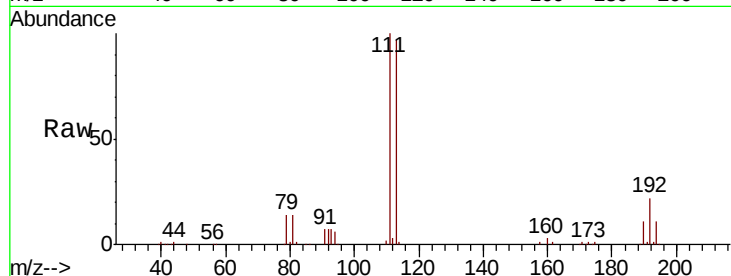




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053110.D
 Acq: 21 Dec 2018 18:55

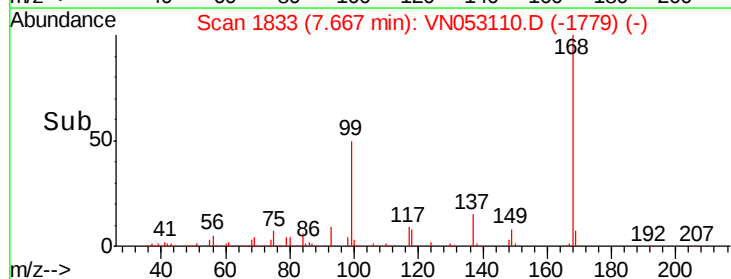
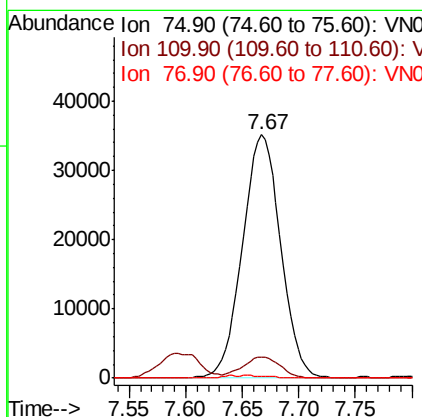
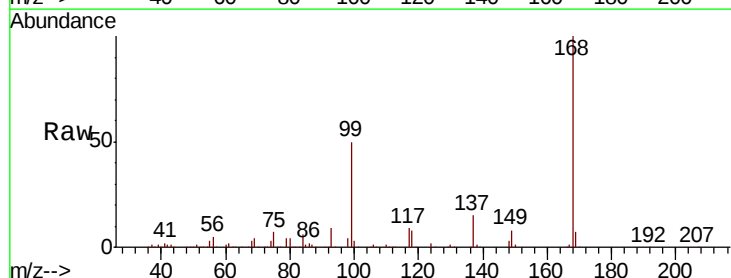
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 ClientSampleId :
 P001-SD014-0612-01ME

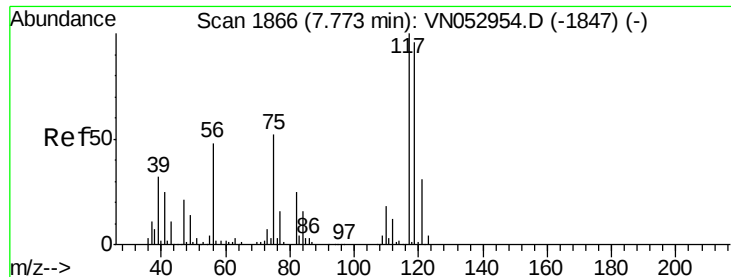
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.0	124.4
192	22.6	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 4.477 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053110.D
 Acq: 21 Dec 2018 18:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.2	54.6#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 6.520 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053110.D

Acq: 21 Dec 2018 18:55

Instrument :

MSVOA_N

ClientSampleId :

P001-SD014-0612-01ME

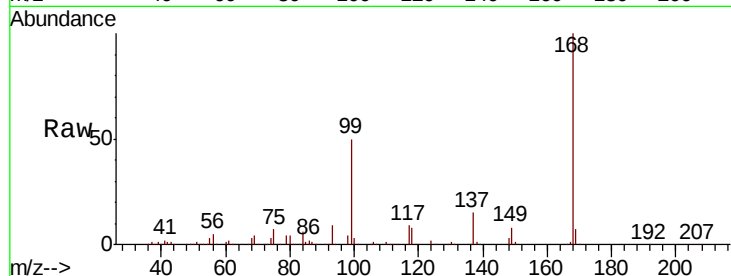
Tot Ion:117 Resp: 110428

Ion Ratio Lower Upper

117 100

119 5.1 77.1 115.7#

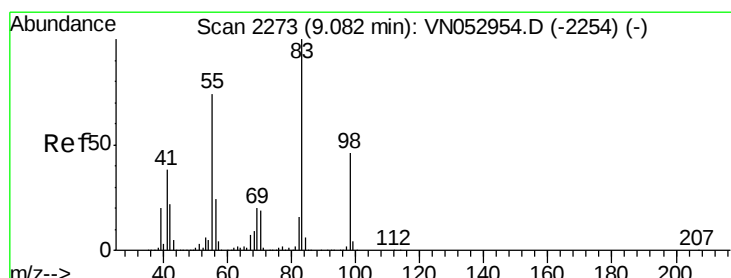
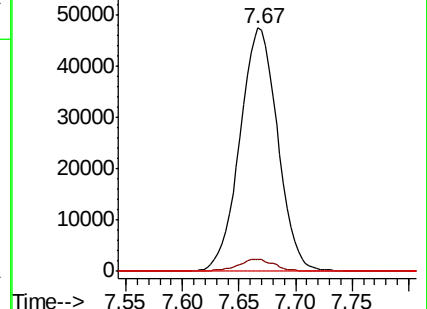
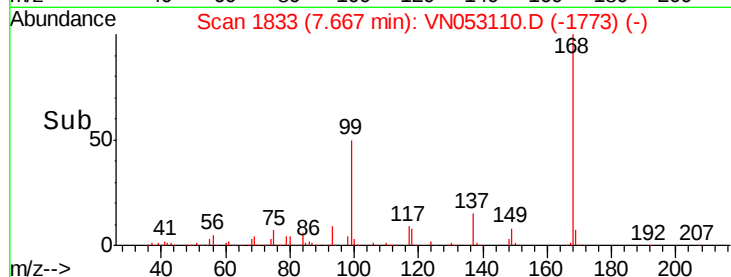
121 0.0 24.9 37.3#



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: 6.722 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN053110.D

Acq: 21 Dec 2018 18:55

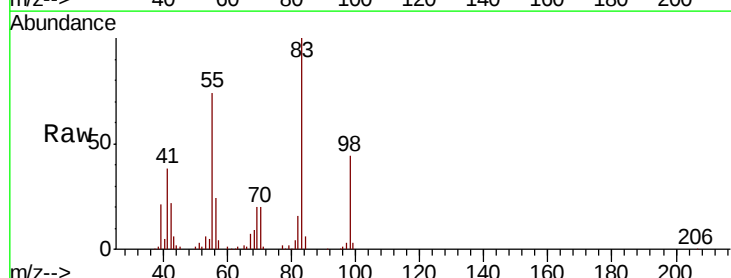
Tgt Ion: 83 Resp: 150888

Ion Ratio Lower Upper

83 100

55 74.4 61.3 91.9

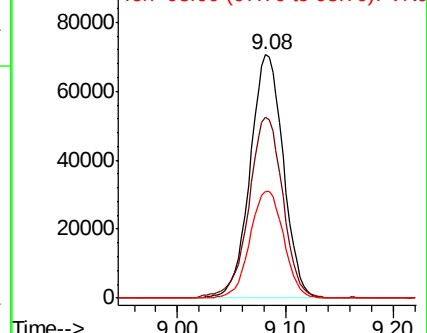
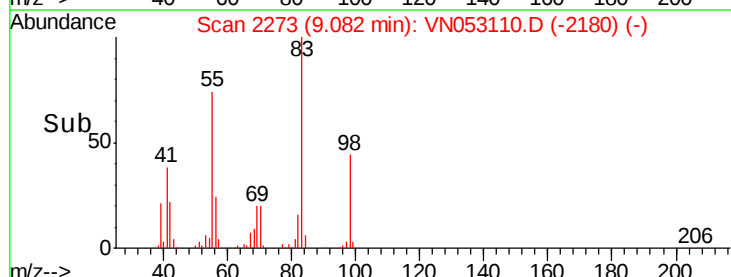
98 44.0 37.0 55.4

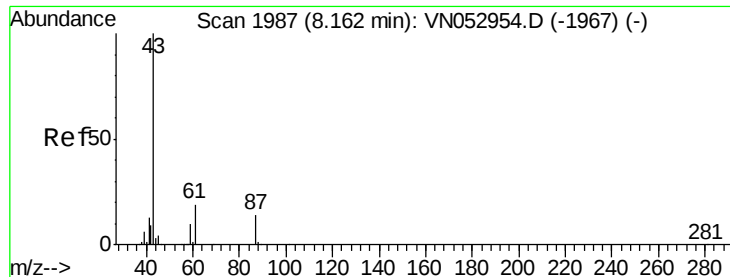


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V



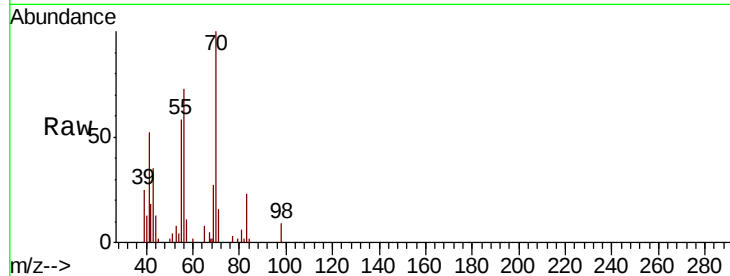


#43

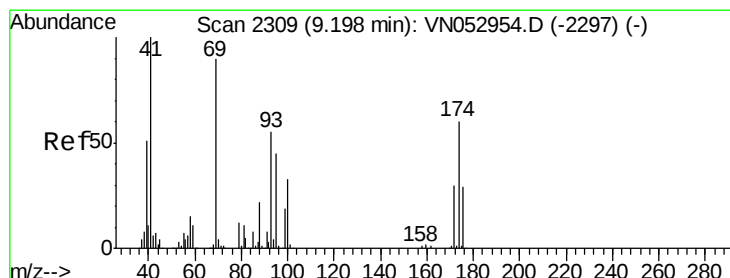
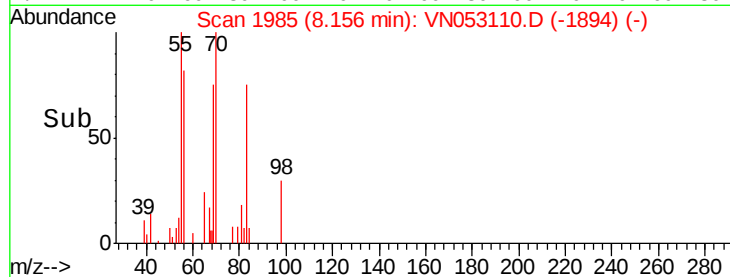
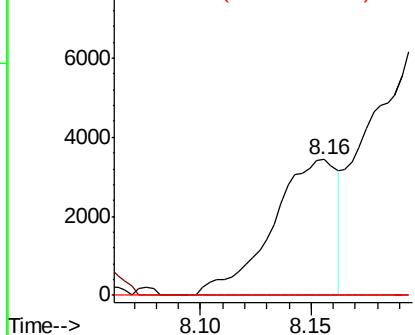
Isopropyl Acetate
 Concen: Below Cal
 RT: 8.16 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VN053110.D
 Acq: 21 Dec 2018 18:55

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD014-0612-01ME

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.9	34.3#
87	0.0	10.6	15.8#



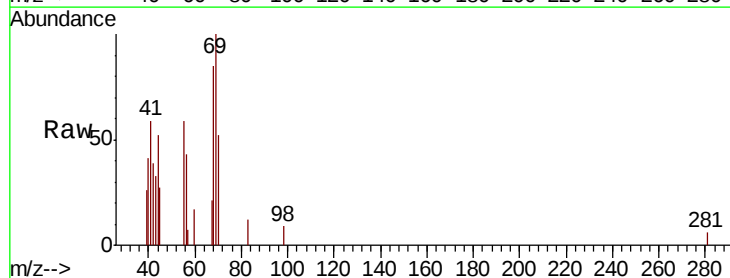
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



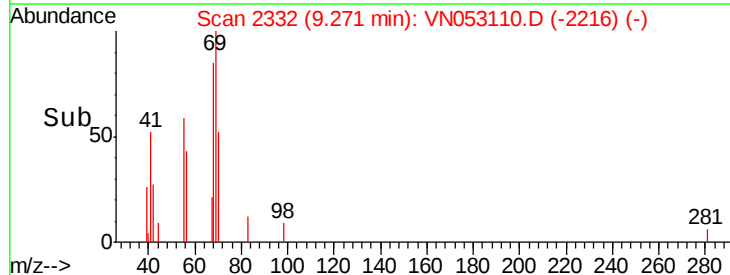
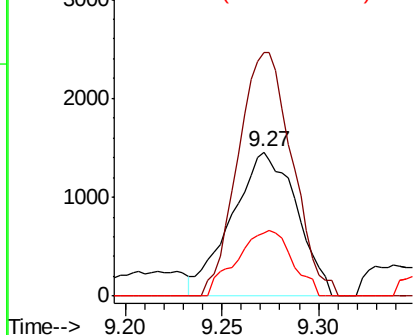
#48

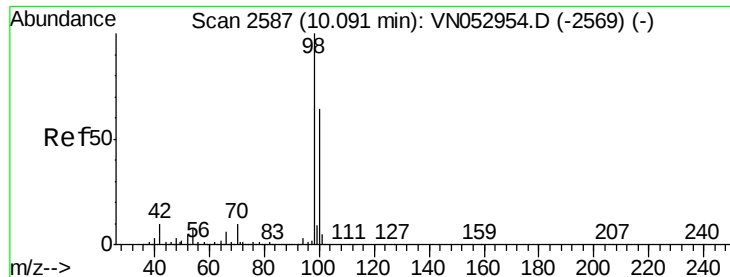
Methyl methacrylate
 Concen: 0.340 ug/l
 RT: 9.27 min Scan# 2332
 Delta R.T. 0.07 min
 Lab File: VN053110.D
 Acq: 21 Dec 2018 18:55

Tgt Ion	Ratio	Lower	Upper
41	100		
69	141.2	72.2	108.2#
39	39.0	41.9	62.9#



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053110.D

Acq: 21 Dec 2018 18:55

Instrument :

MSVOA_N

ClientSampleId :

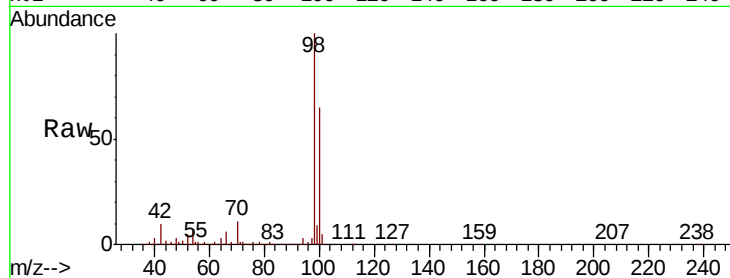
P001-SD014-0612-01ME

Tot Ion: 98 Resp: 2360923

Ion Ratio Lower Upper

98 100

100 64.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN053110.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053110.D (-2494) (-)

10.09

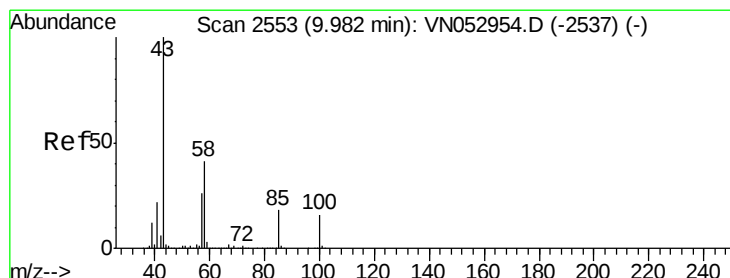
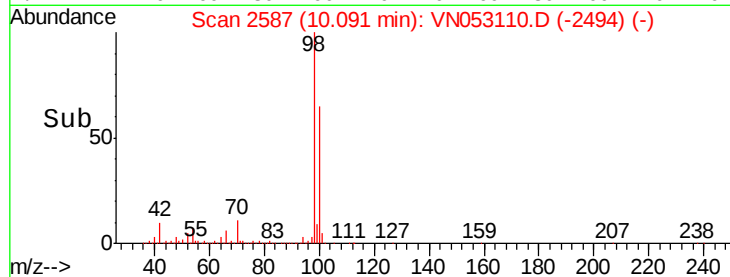
1500000

1000000

500000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.998 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.11 min

Lab File: VN053110.D

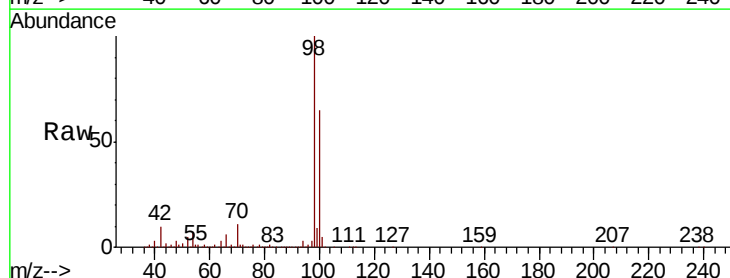
Acq: 21 Dec 2018 18:55

Tgt Ion: 43 Resp: 9969

Ion Ratio Lower Upper

43 100

58 179.3 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VN053110.D (-2460) (-)

Ion 58.00 (57.70 to 58.70): VN053110.D (-2460) (-)

10.09

12000

10000

8000

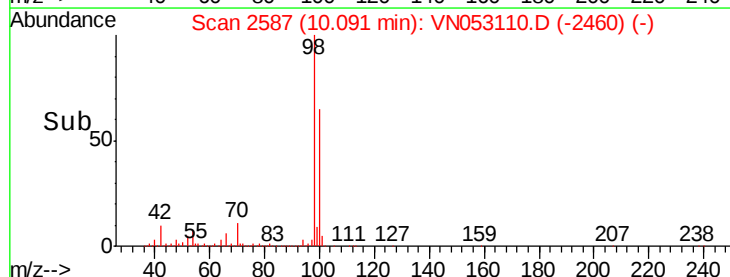
6000

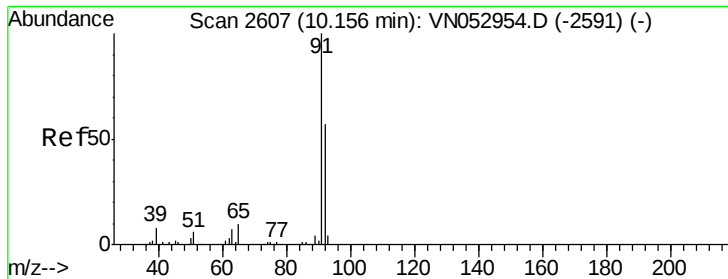
4000

2000

0

Time-->





#52

Toluene

Concen: 0.376 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN053110.D

Acq: 21 Dec 2018 18:55

Instrument :

MSVOA_N

ClientSampleId :

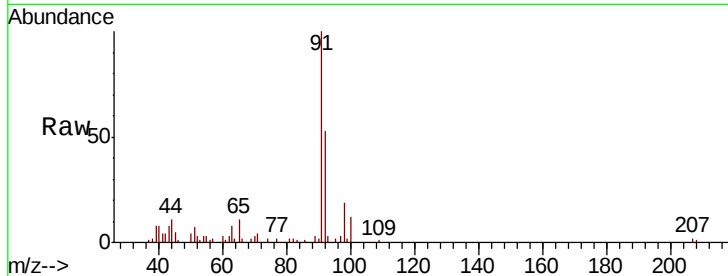
P001-SD014-0612-01ME

Tot Ion: 92 Resp: 12811

Ion Ratio Lower Upper

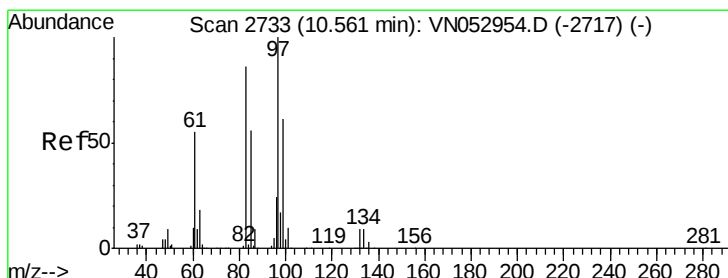
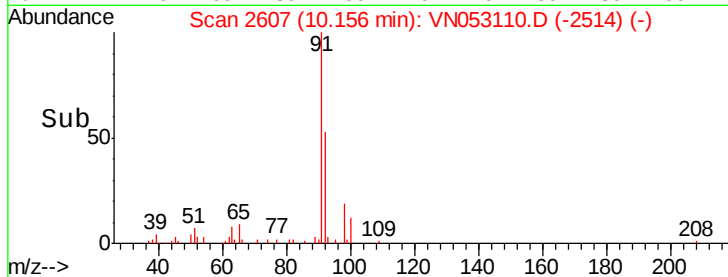
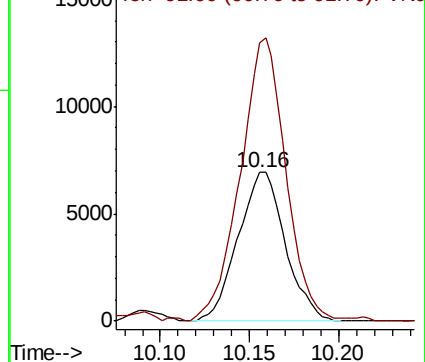
92 100

91 184.0 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VN053110.D (-2514) (-)

Ion 91.00 (90.70 to 91.70): VN053110.D (-2514) (-)



#55

1,1,2-Trichloroethane

Concen: 0.677 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN053110.D

Acq: 21 Dec 2018 18:55

Tgt Ion: 97 Resp: 8042

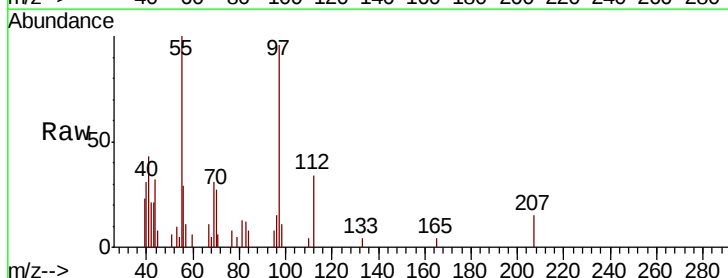
Ion Ratio Lower Upper

97 100

83 13.0 70.9 106.3#

85 0.0 45.4 68.2#

99 0.0 50.4 75.6#

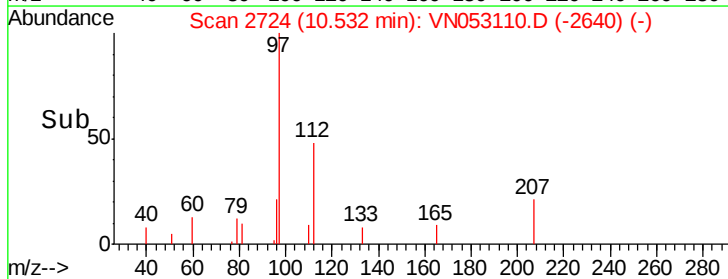
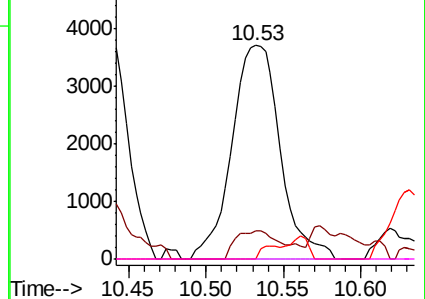


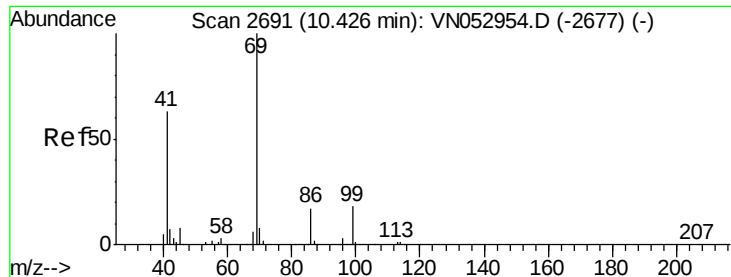
Abundance Ion 96.90 (96.60 to 97.60): VN053110.D (-2640) (-)

Ion 82.90 (82.60 to 83.60): VN053110.D (-2640) (-)

Ion 84.90 (84.60 to 85.60): VN053110.D (-2640) (-)

Ion 98.90 (98.60 to 99.60): VN053110.D (-2640) (-)

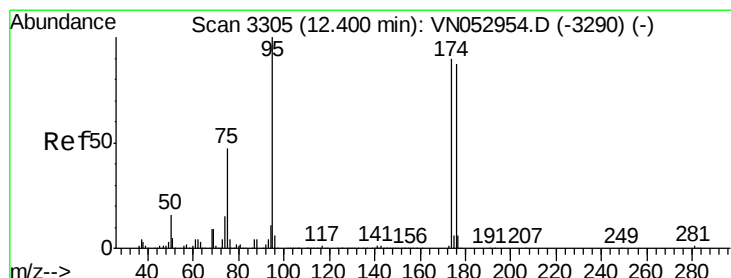
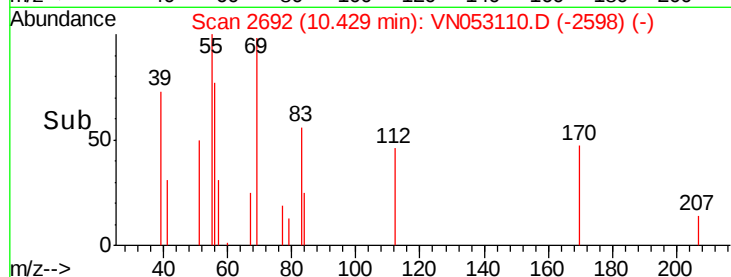
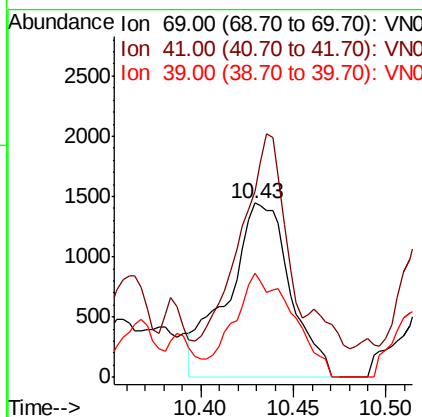
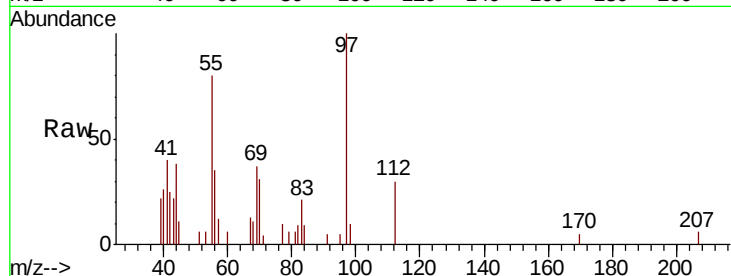




#56
Ethyl methacrylate
Concen: 0.214 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. 0.00 min
Lab File: VN053110.D
Acq: 21 Dec 2018 18:55

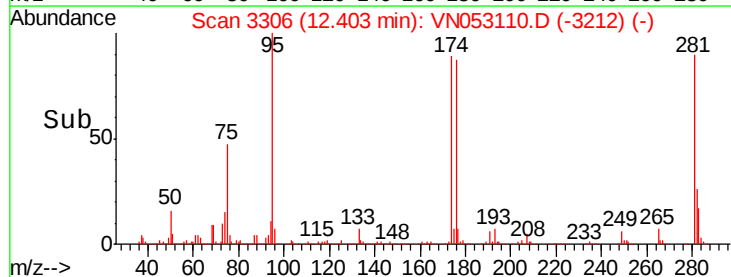
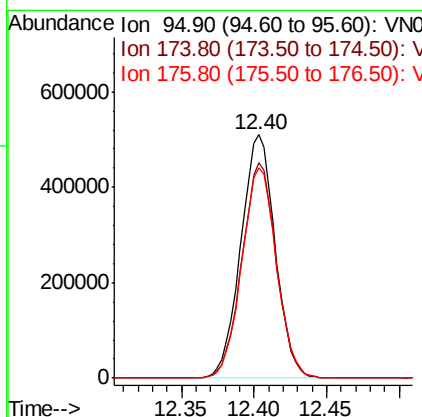
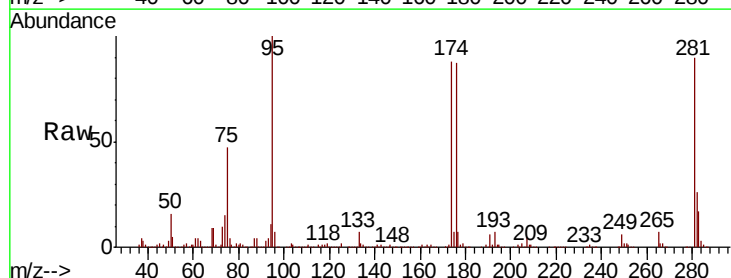
Instrument :
MSVOA_N
ClientSampleId :
P001-SD014-0612-01ME

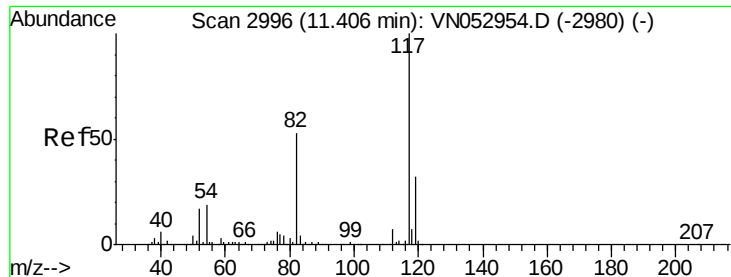
Tot Ion: 69 Resp: 3372
Ion Ratio Lower Upper
69 100
41 81.4 51.7 77.5#
39 56.1 24.6 37.0#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053110.D
Acq: 21 Dec 2018 18:55

Tgt Ion: 95 Resp: 838161
Ion Ratio Lower Upper
95 100
174 88.5 0.0 178.8
176 87.5 0.0 173.8

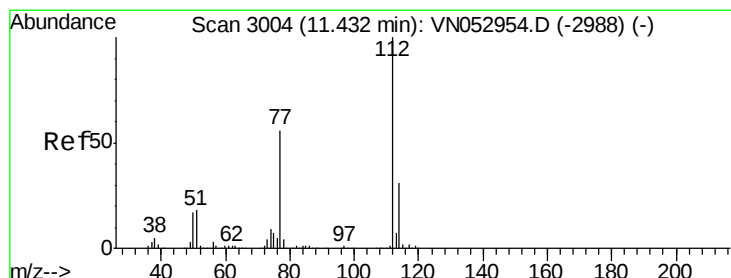
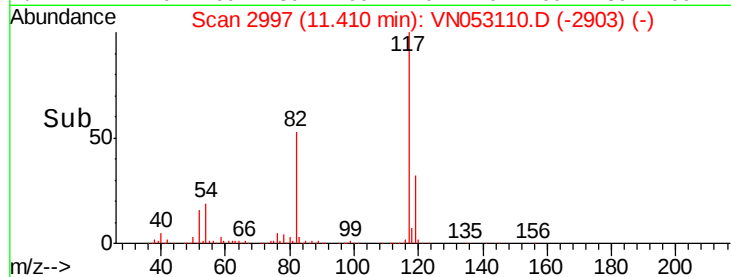
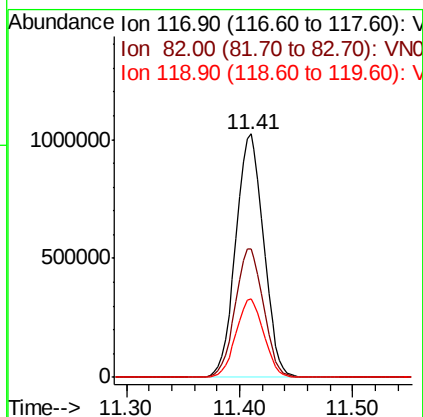
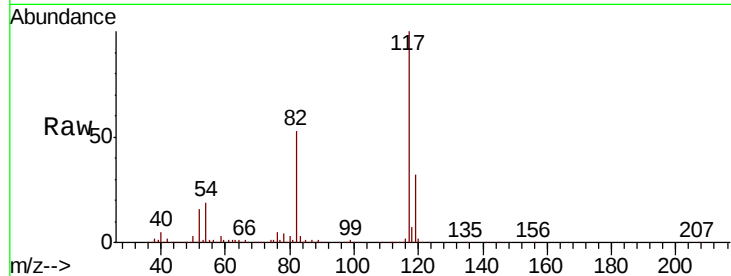




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053110.D
Acq: 21 Dec 2018 18:55

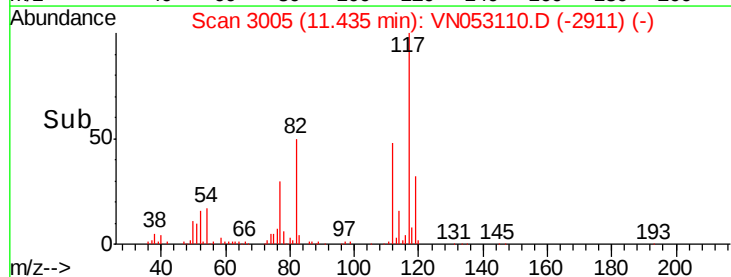
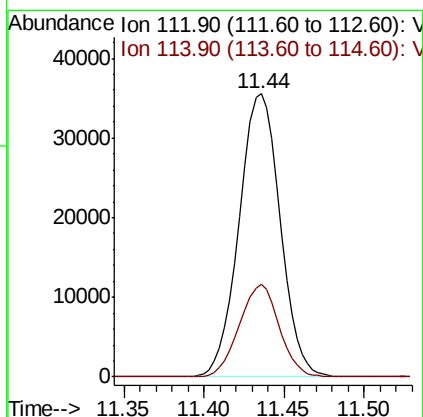
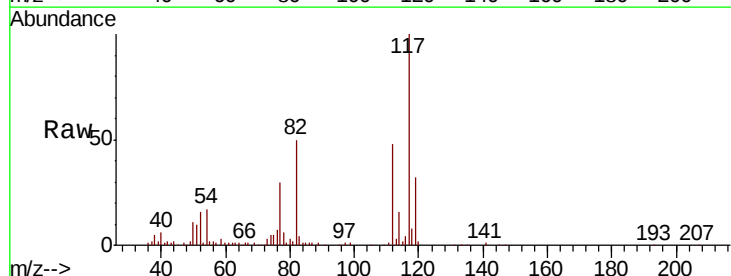
Instrument :
MSVOA_N
ClientSampleId :
P001-SD014-0612-01ME

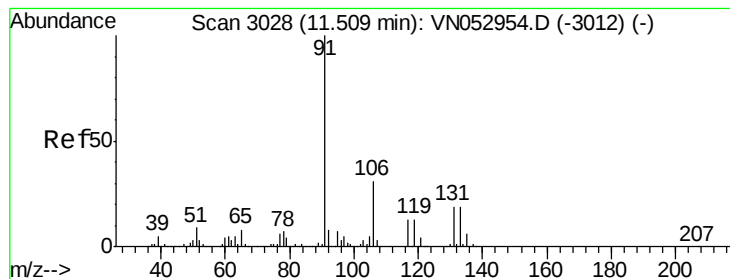
Tot Ion:117 Resp: 1761514
Ion Ratio Lower Upper
117 100
82 52.8 42.8 64.2
119 32.4 25.5 38.3



#65
Chlorobenzene
Concen: 1.594 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN053110.D
Acq: 21 Dec 2018 18:55

Tgt Ion:112 Resp: 62229
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3





#67

Ethyl Benzene

Concen: 1.943 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN053110.D

Acq: 21 Dec 2018 18:55

Instrument :

MSVOA_N

ClientSampleId :

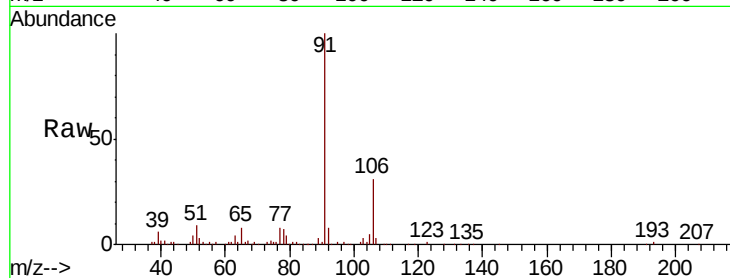
P001-SD014-0612-01ME

Tot Ion: 91 Resp: 130496

Ion Ratio Lower Upper

91 100

106 30.8 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VN052954.D (-3012) (-)

Ion 106.00 (105.70 to 106.70): VN052954.D (-3012) (-)

1500000

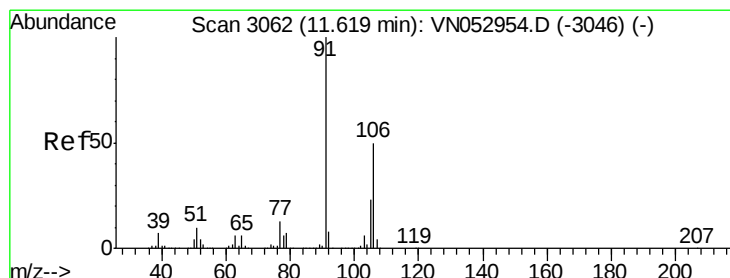
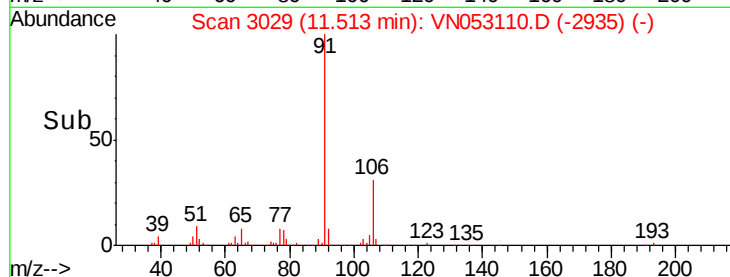
1000000

500000

0

11.45 11.50 11.55

Time-->



#68

m/p-Xylenes

Concen: 57.919 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN053110.D

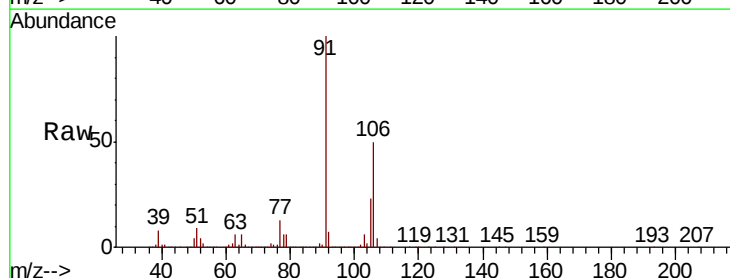
Acq: 21 Dec 2018 18:55

Tgt Ion: 106 Resp: 1478578

Ion Ratio Lower Upper

106 100

91 202.3 162.2 243.4



Abundance Ion 106.00 (105.70 to 106.70): VN052954.D (-3046) (-)

Ion 91.00 (90.70 to 91.70): VN052954.D (-3046) (-)

2000000

1500000

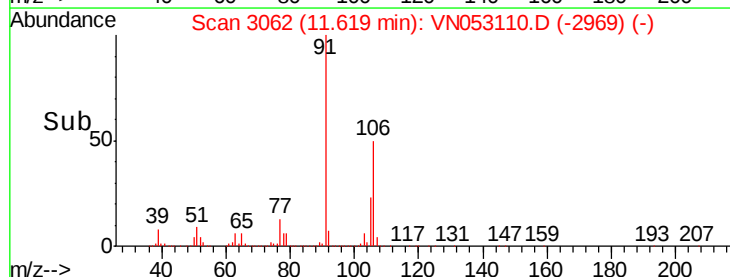
1000000

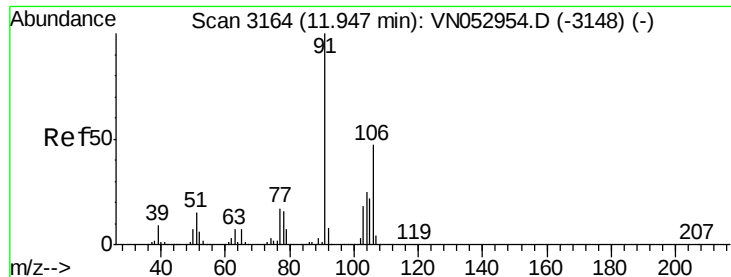
500000

0

11.50 11.60 11.70

Time-->

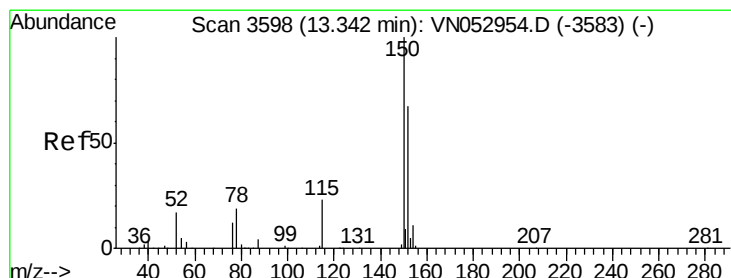
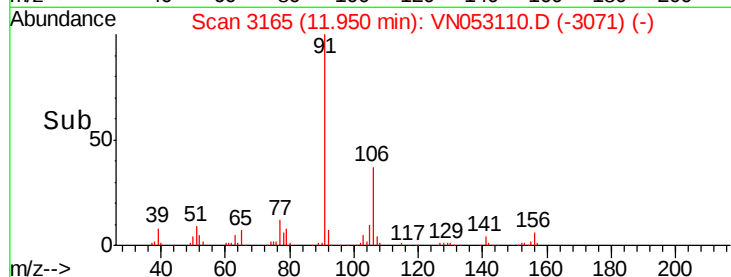
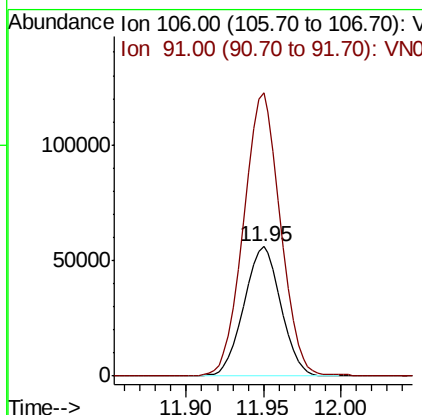
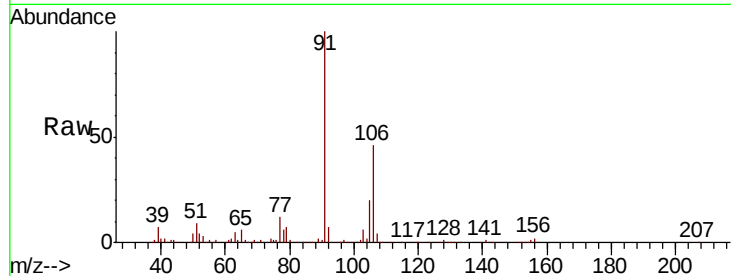




#69
o-Xylene
Concen: 3.815 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053110.D
Acq: 21 Dec 2018 18:55

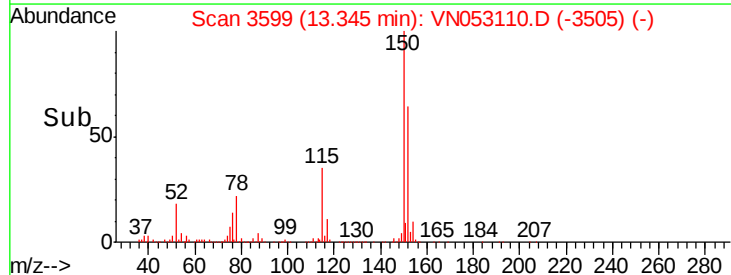
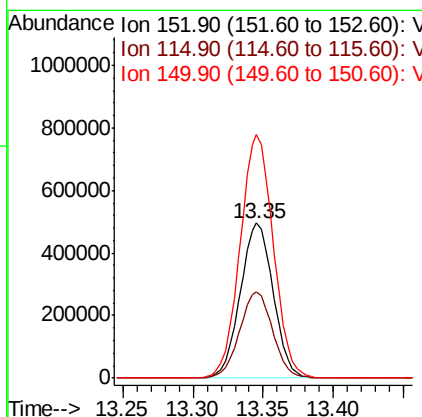
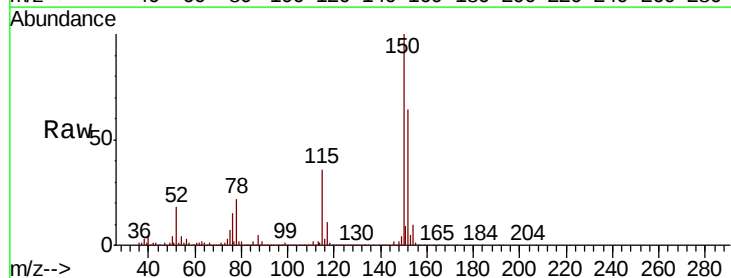
Instrument :
MSVOA_N
ClientSampleId :
P001-SD014-0612-01ME

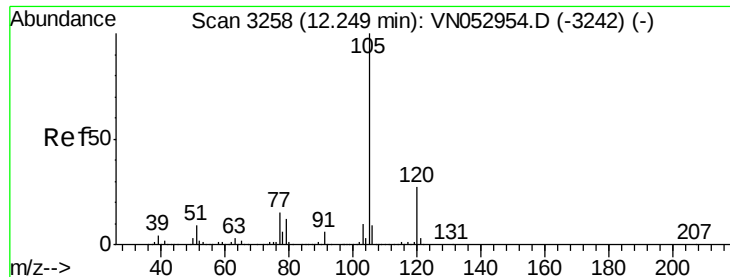
Tot Ion:106 Resp: 93451
Ion Ratio Lower Upper
106 100
91 215.3 106.6 319.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053110.D
Acq: 21 Dec 2018 18:55

Tgt Ion:152 Resp: 806809
Ion Ratio Lower Upper
152 100
115 55.9 28.3 85.0
150 158.8 0.0 347.8





#73

Isopropylbenzene

Concen: 0.281 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053110.D

Acq: 21 Dec 2018 18:55

Instrument :

MSVOA_N

ClientSampleId :

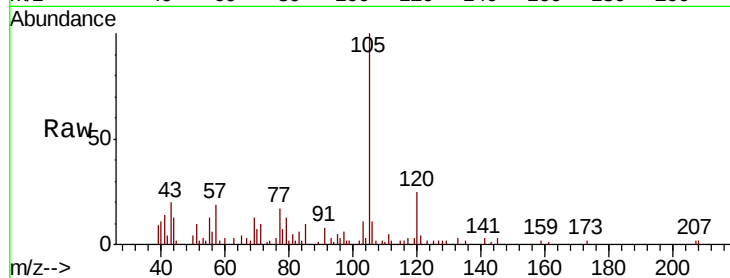
P001-SD014-0612-01ME

Tot Ion:105 Resp: 17730

Ion Ratio Lower Upper

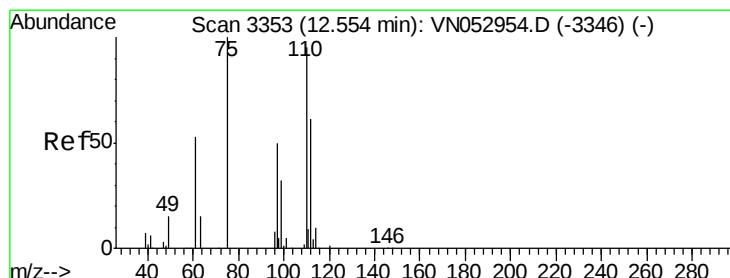
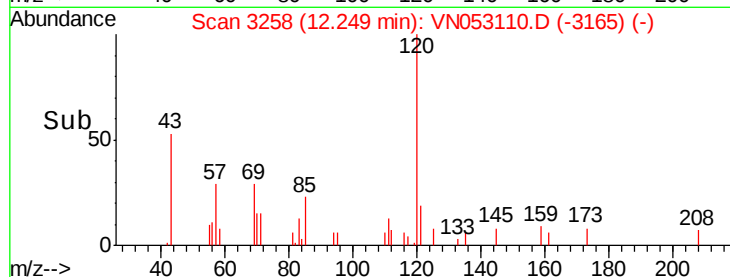
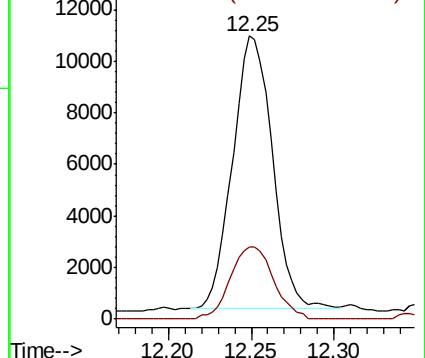
105 100

120 28.6 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: 29.579 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053110.D

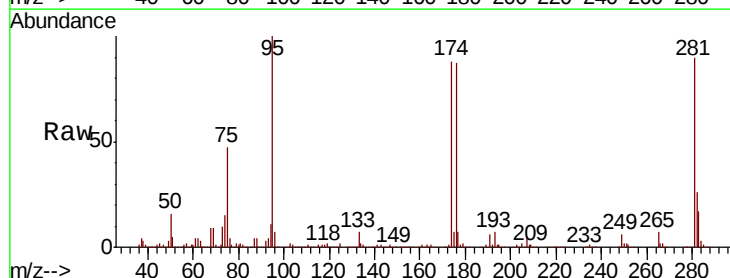
Acq: 21 Dec 2018 18:55

Tgt Ion: 75 Resp: 401742

Ion Ratio Lower Upper

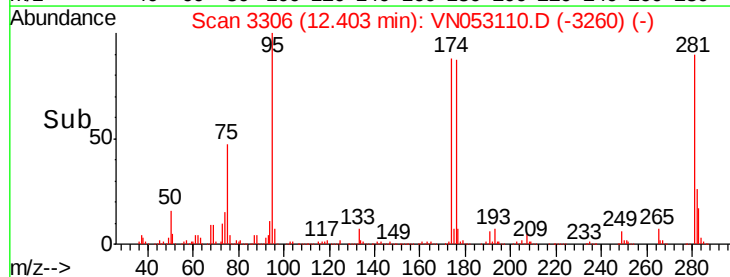
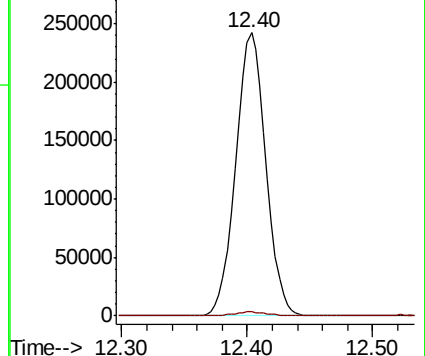
75 100

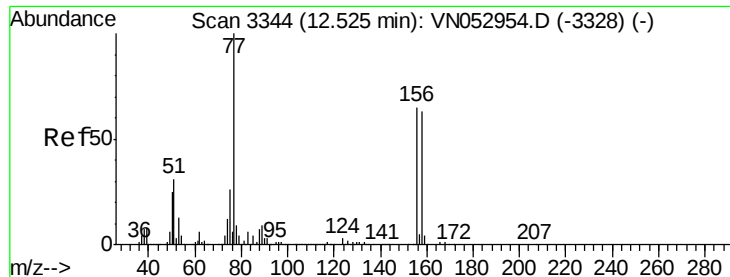
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#77

Bromobenzene

Concen: 1.174 ug/l

RT: 12.54 min Scan# 3347

Delta R.T. 0.01 min

Lab File: VN053110.D

Acq: 21 Dec 2018 18:55

Instrument :

MSVOA_N

ClientSampleId :

P001-SD014-0612-01ME

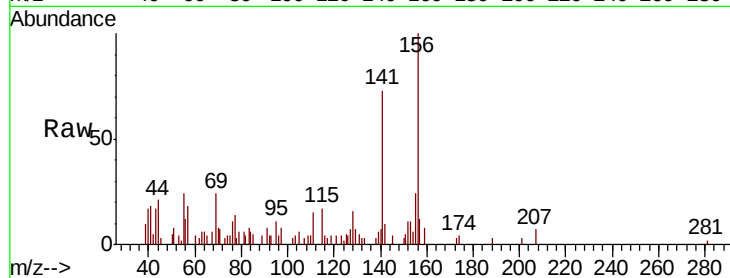
Tot Ion:156 Resp: 19265

Ion Ratio Lower Upper

156 100

77 0.0 91.3 273.8#

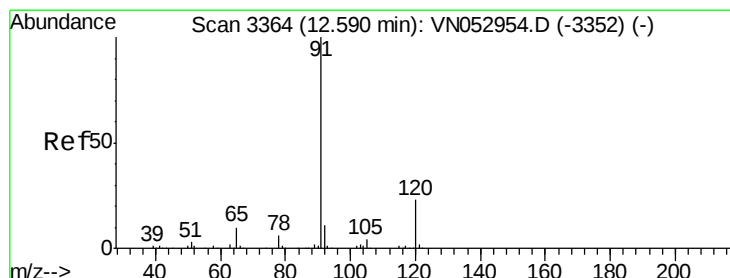
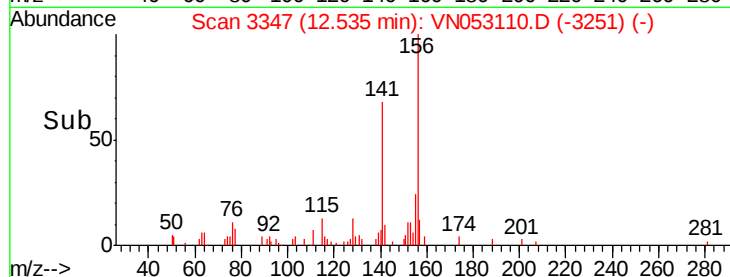
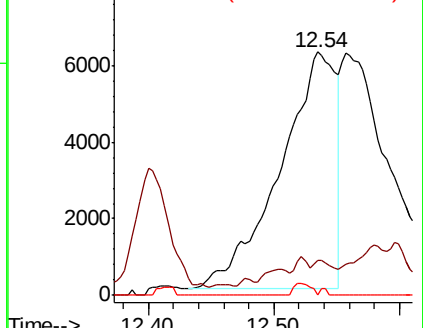
158 0.3 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.512 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053110.D

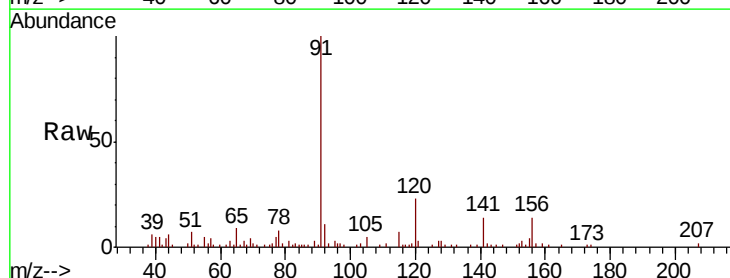
Acq: 21 Dec 2018 18:55

Tgt Ion: 91 Resp: 36785

Ion Ratio Lower Upper

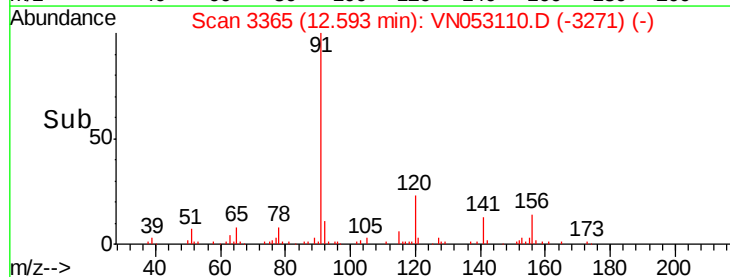
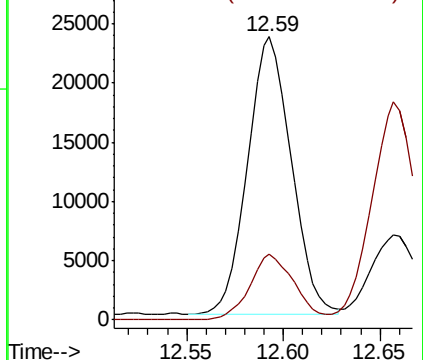
91 100

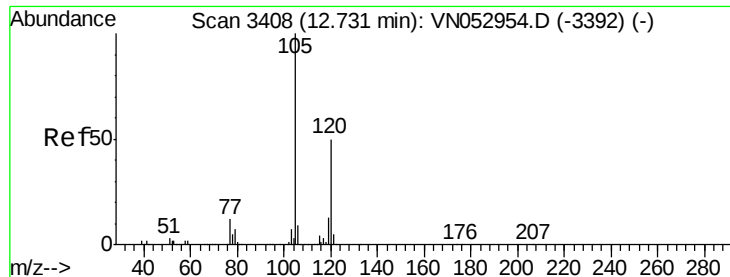
120 23.8 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 1.207 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053110.D

Acq: 21 Dec 2018 18:55

Instrument :

MSVOA_N

ClientSampleId :

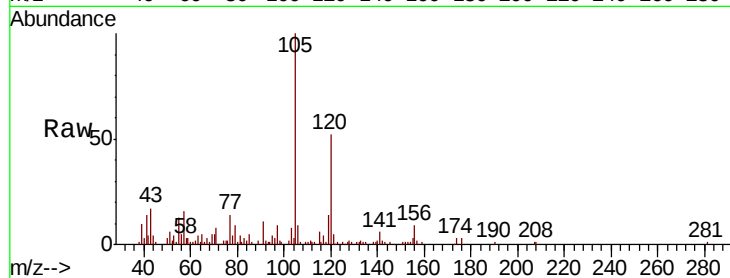
P001-SD014-0612-01ME

Tot Ion:105 Resp: 62121

Ion Ratio Lower Upper

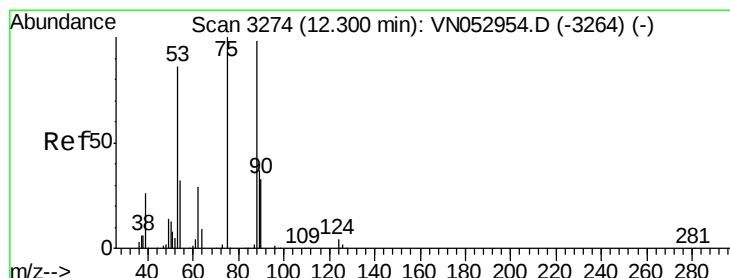
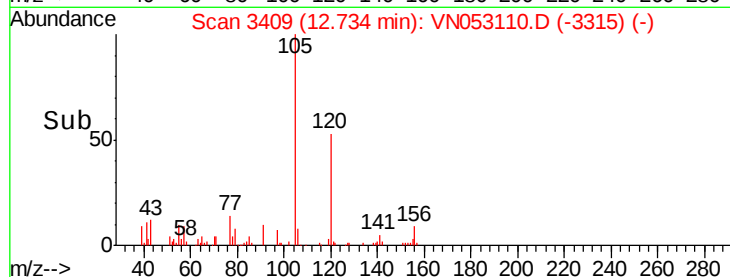
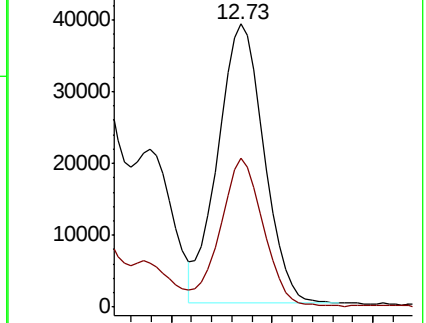
105 100

120 49.1 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 95.338 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN053110.D

Acq: 21 Dec 2018 18:55

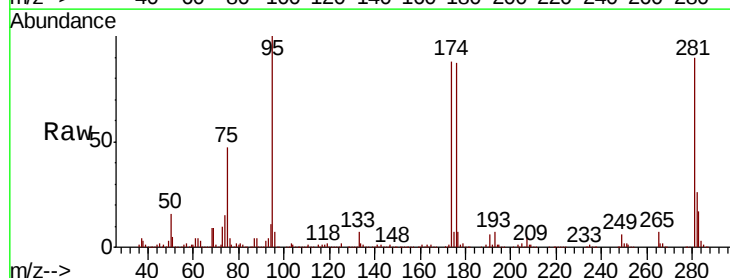
Tgt Ion: 75 Resp: 401742

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

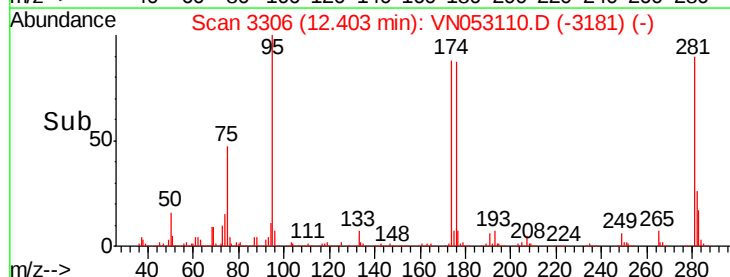
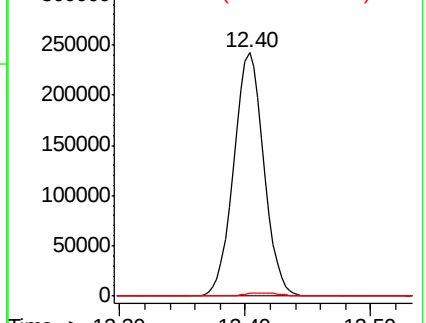
89 1.5 36.1 54.1#

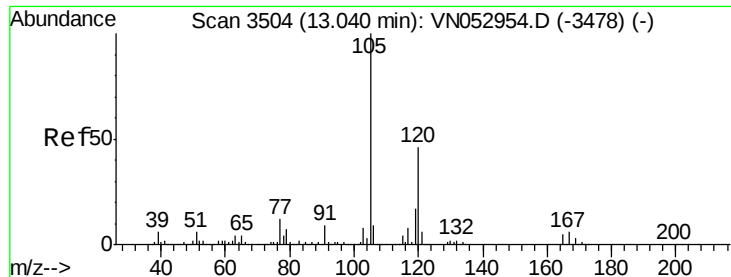


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

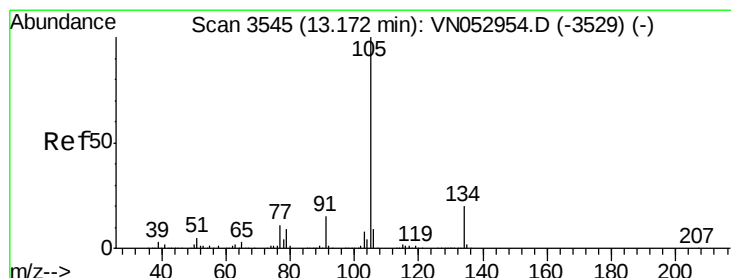
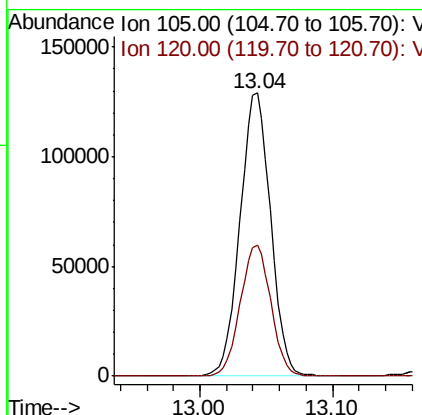
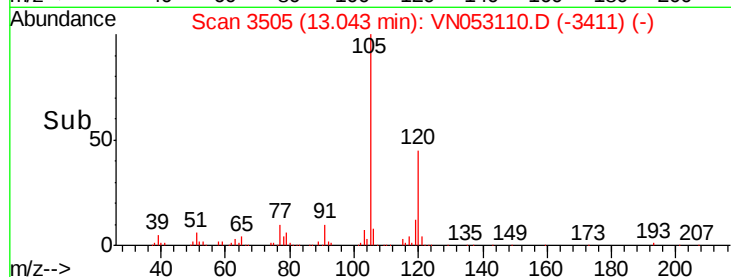
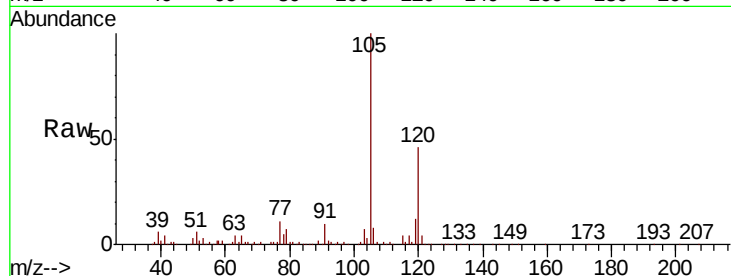




#84
 1,2,4-Trimethylbenzene
 Concen: 3.978 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN053110.D
 Acq: 21 Dec 2018 18:55

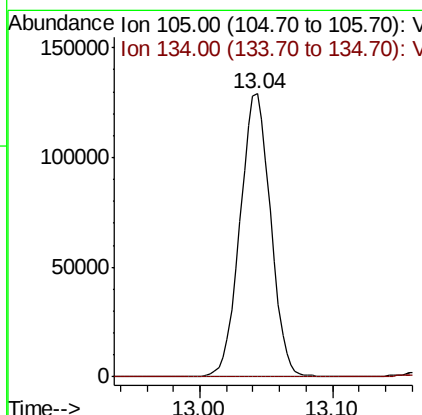
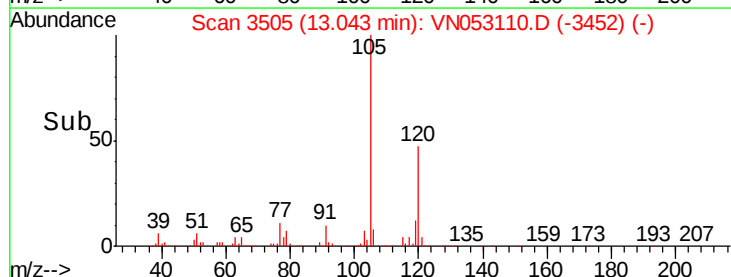
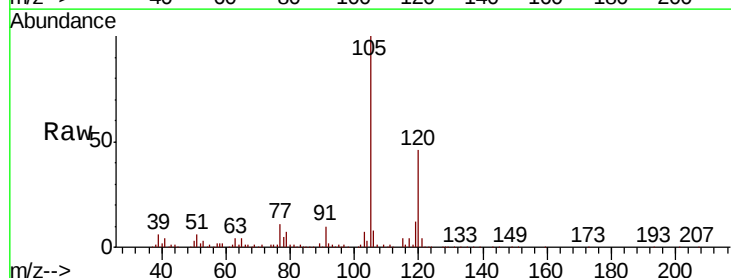
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD014-0612-01ME

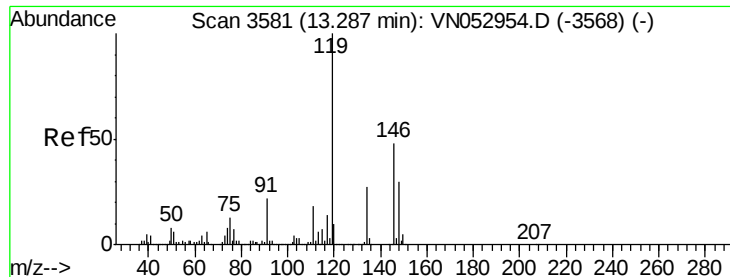
Tot Ion:105 Resp: 205744
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.9 68.8



#85
 sec-Butylbenzene
 Concen: 3.343 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. -0.13 min
 Lab File: VN053110.D
 Acq: 21 Dec 2018 18:55

Tgt Ion:105 Resp: 205744
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.3#

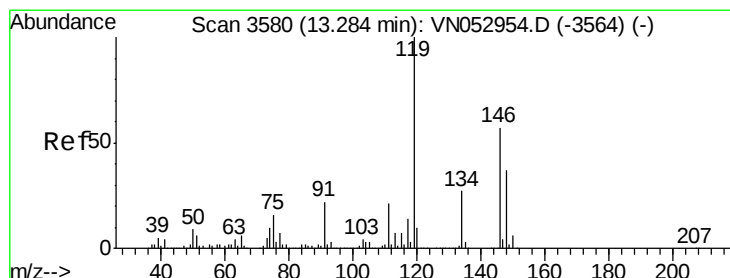
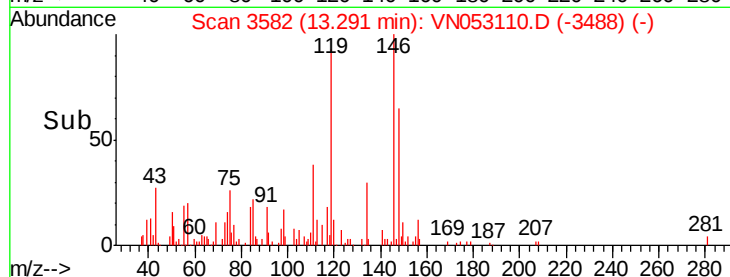
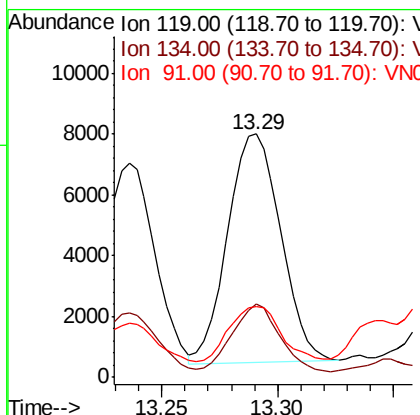
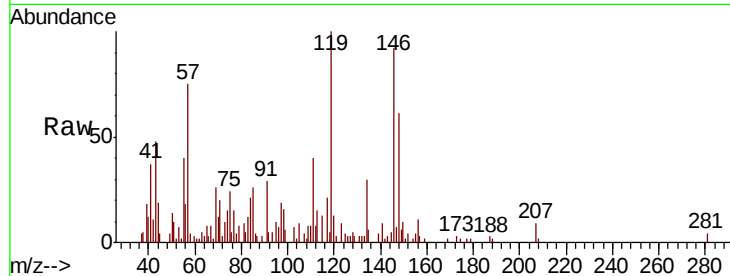




#86
p-Isopropyltoluene
Concen: 0.225 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN053110.D
Acq: 21 Dec 2018 18:55

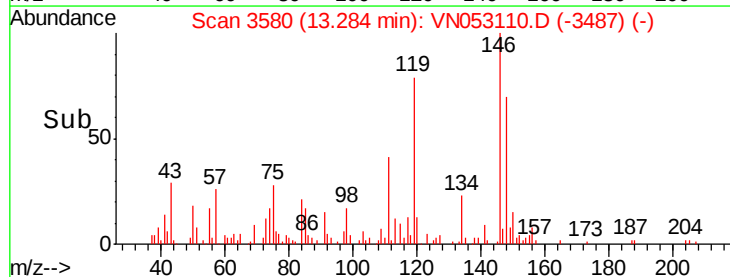
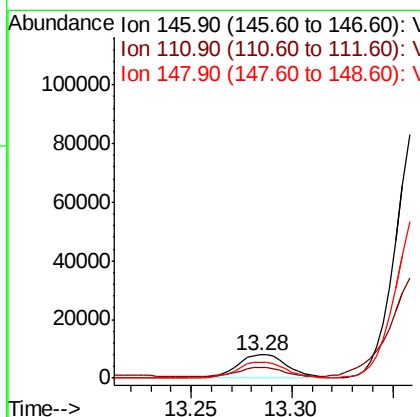
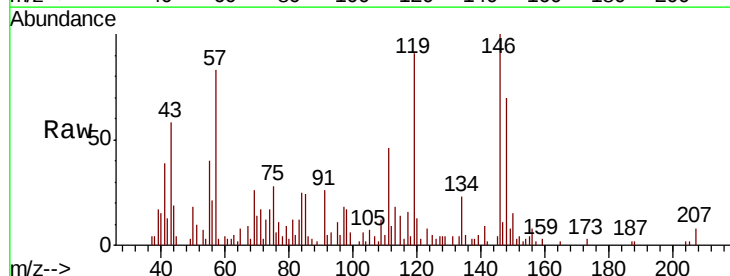
Instrument :
MSVOA_N
ClientSampleId :
P001-SD014-0612-01ME

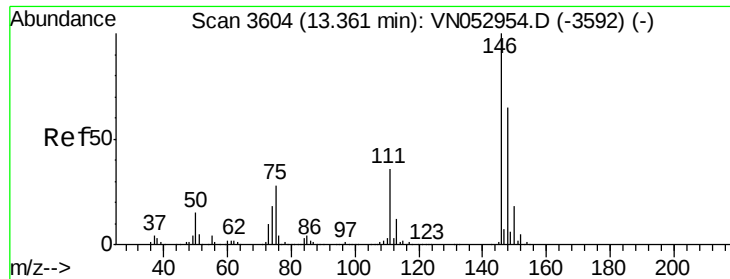
Tot Ion:119 Resp: 11992
Ion Ratio Lower Upper
119 100
134 31.5 13.4 40.2
91 22.9 11.1 33.3



#87
1,3-Dichlorobenzene
Concen: 0.478 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. -0.00 min
Lab File: VN053110.D
Acq: 21 Dec 2018 18:55

Tgt Ion:146 Resp: 13892
Ion Ratio Lower Upper
146 100
111 40.1 19.1 57.1
148 66.2 32.0 96.0

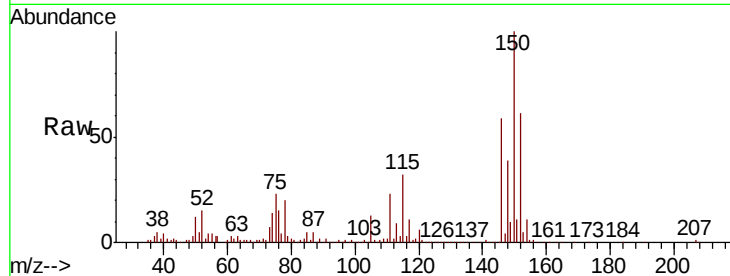




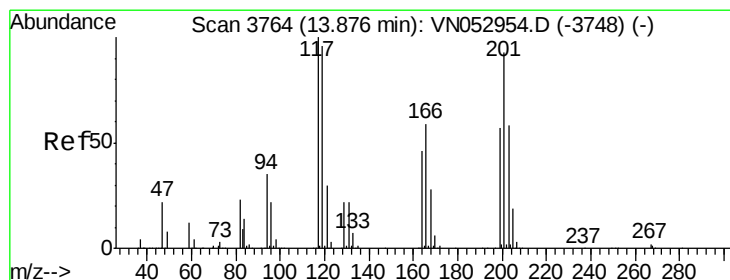
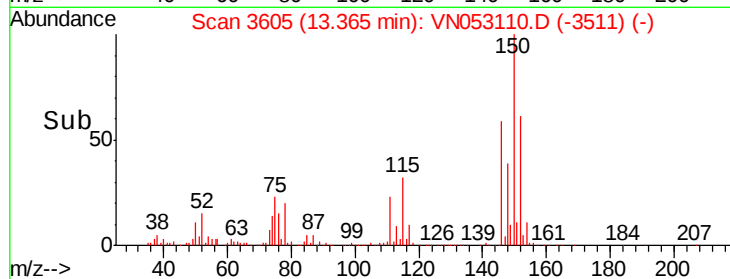
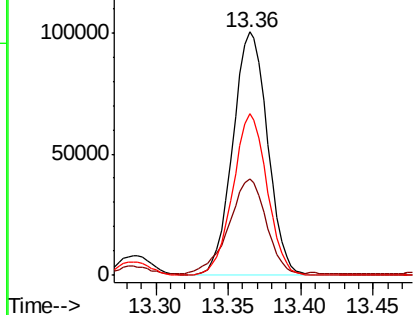
#88
 1,4-Dichlorobenzene
 Concen: 5.664 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053110.D
 Acq: 21 Dec 2018 18:55

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD014-0612-01ME

Tot Ion:146 Resp: 166592
 Ion Ratio Lower Upper
 146 100
 111 41.7 18.6 55.8
 148 65.3 32.1 96.5

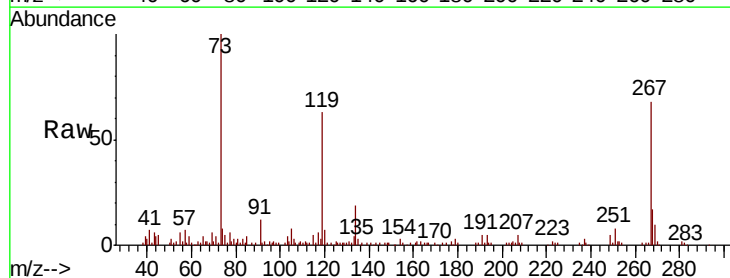


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

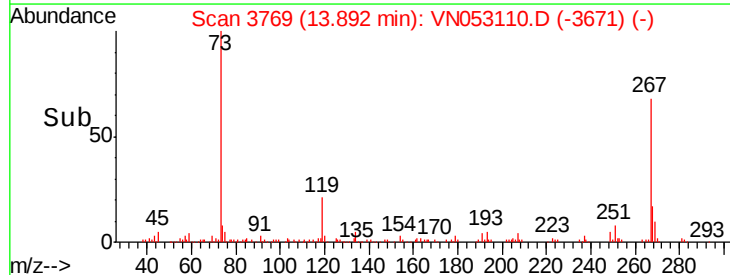
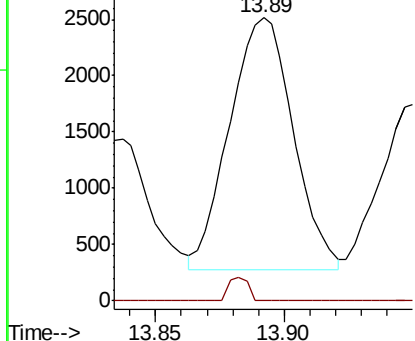


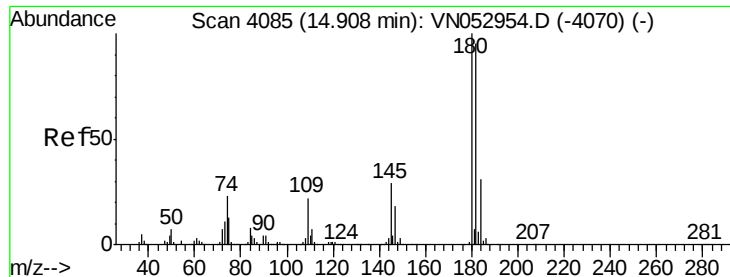
#90
 Hexachloroethane
 Concen: 0.472 ug/l
 RT: 13.89 min Scan# 3769
 Delta R.T. 0.02 min
 Lab File: VN053110.D
 Acq: 21 Dec 2018 18:55

Tgt Ion:117 Resp: 3852
 Ion Ratio Lower Upper
 117 100
 201 2.8 45.7 137.1#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 200.70 (200.40 to 201.40): V

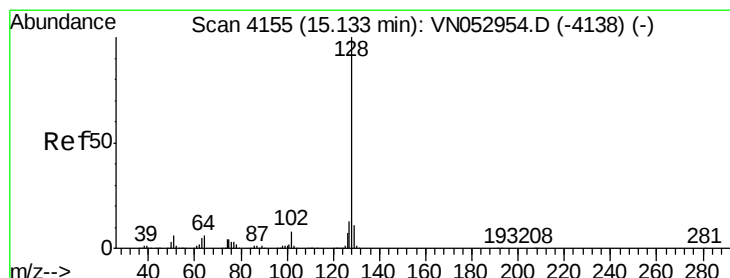
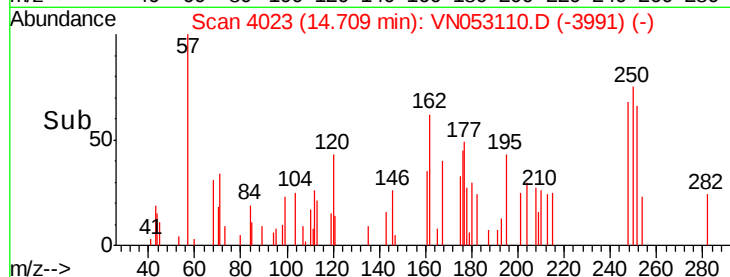
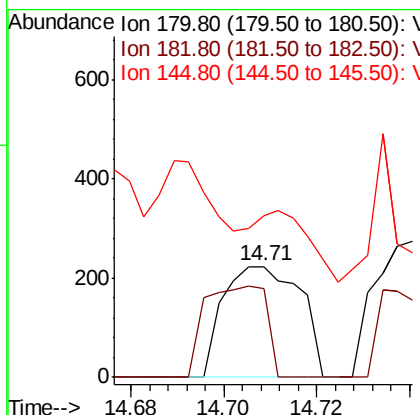
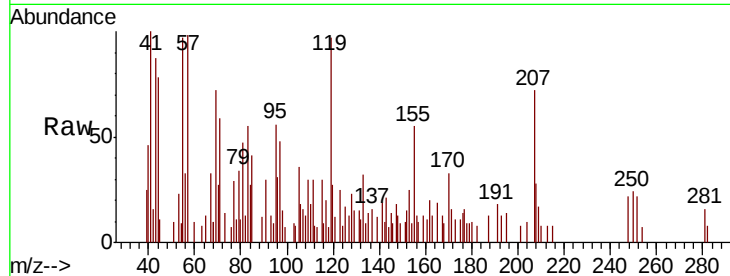




#93
 1,2,4-Trichlorobenzene
 Concen: 0.614 ug/l
 RT: 14.71 min Scan# 4023
 Delta R.T. -0.20 min
 Lab File: VN053110.D
 Acq: 21 Dec 2018 18:55

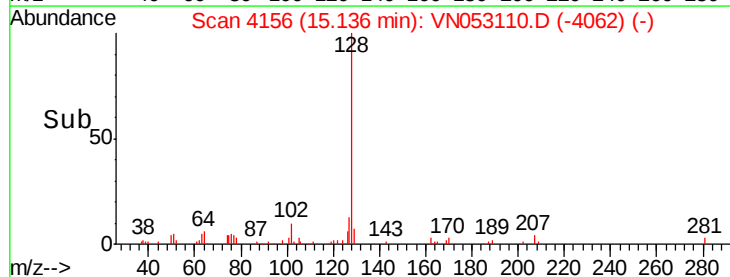
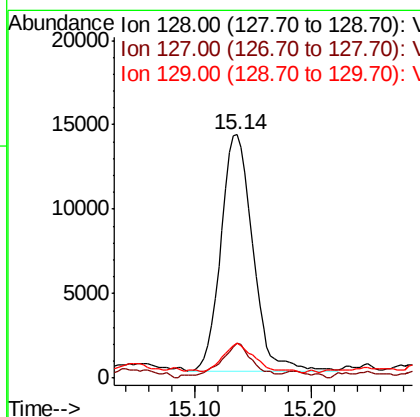
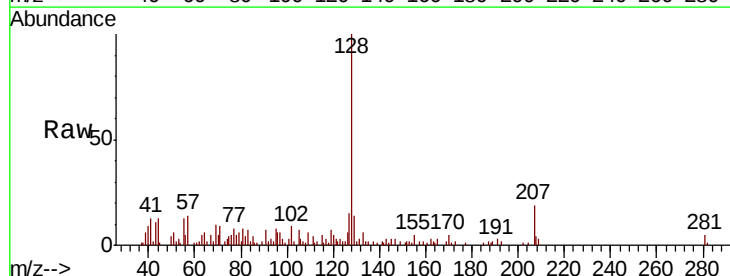
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD014-0612-01ME

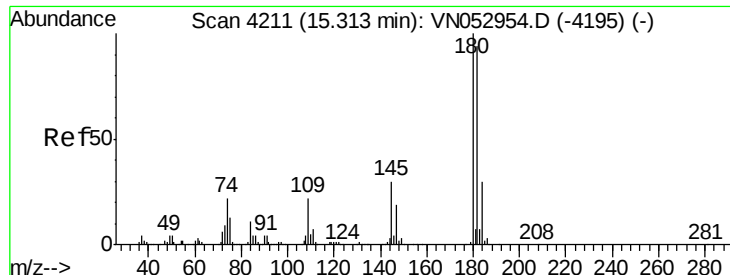
Tot Ion:180 Resp: 258
 Ion Ratio Lower Upper
 180 100
 182 65.1 47.8 143.3
 145 40.7 14.2 42.6



#95
 Naphthalene
 Concen: 1.979 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN053110.D
 Acq: 21 Dec 2018 18:55

Tgt Ion:128 Resp: 27032
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.2 15.4
 129 10.3 8.6 13.0

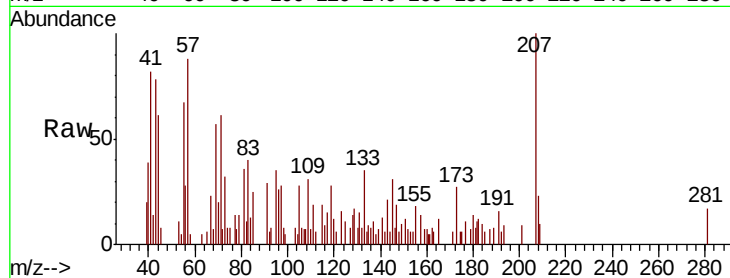




#96
 1,2,3-Trichlorobenzene
 Concen: 0.580 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN053110.D
 Acq: 21 Dec 2018 18:55

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD014-0612-01ME

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.4	47.9	143.7
145	105.5	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

