

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080118\
 Data File : VN050245.D
 Acq On : 1 Aug 2018 13:30
 Operator : MD\SY
 Sample : J4256-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 02 00:53:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	671913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1091985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	934624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	423715	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	467083	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
35) Dibromofluoromethane	7.60	113	417403	46.82	ug/l	0.00
Spiked Amount			Recovery	=	93.64%	
50) Toluene-d8	10.09	98	1489650	45.45	ug/l	0.00
Spiked Amount			Recovery	=	90.90%	
62) 4-Bromofluorobenzene	12.40	95	468793	43.43	ug/l	0.00
Spiked Amount			Recovery	=	86.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	410	Below Cal	#	29
11) Tert butyl alcohol	4.81	59	1435	2.08	ug/l	# 72
16) Acetone	3.83	43	26419	7.76	ug/l	91
17) Carbon Disulfide	4.05	76	13129	0.55	ug/l	99
18) Methyl Acetate	4.35	43	11942	Below Cal	#	85
19) Methyl tert-butyl Ether	5.05	73	7938	0.38	ug/l	99
20) Methylene Chloride	4.55	84	1328	Below Cal	#	94
25) 2-Butanone	6.86	43	2654	0.74	ug/l	# 48
31) Cyclohexane	7.66	56	13855	1.01	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	46767	3.80	ug/l	# 48
38) Carbon Tetrachloride	7.67	117	61096	4.68	ug/l	# 16
39) Methylcyclohexane	9.08	83	6621	0.52	ug/l	92
41) Methacrylonitrile	7.16	41	30	2.75	ug/l	# 10
43) Isopropyl Acetate	8.24	43	184701	10.53	ug/l	# 61
51) 4-Methyl-2-Pentanone	10.09	43	7047	0.84	ug/l	# 1
55) 1,1,2-Trichloroethane	10.53	97	10343	1.18	ug/l	# 19
56) Ethyl methacrylate	10.43	69	5548	2.48	ug/l	# 1
59) 2-Hexanone	10.61	43	7265	6.32	ug/l	64
69) o-Xylene	11.95	106	6846	0.50	ug/l	69
70) Styrene	11.96	104	650	0.95	ug/l	# 1
71) Bromoform	12.40	173	1796	0.27	ug/l	# 1
73) Isopropylbenzene	12.25	105	106607	3.24	ug/l	98
74) N-amyl acetate	12.05	43	13268	1.32	ug/l	# 77
75) 1,1,2,2-Tetrachloroethane	12.47	83	1891	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	231956	29.46	ug/l	# 100
78) n-propylbenzene	12.59	91	198526	5.40	ug/l	99
79) 2-Chlorotoluene	12.59	91	198526	8.72	ug/l	# 40
80) 1,3,5-Trimethylbenzene	12.89	105	79449	3.07	ug/l	73
81) trans-1,4-Dichloro-2-buten	12.40	75	231956	93.43	ug/l	# 13
82) 4-Chlorotoluene	12.89	91	9988	0.44	ug/l	# 49
83) tert-Butylbenzene	12.99	119	9794	0.43	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	244415	9.38	ug/l	100
85) sec-Butylbenzene	13.17	105	152624	5.06	ug/l	83
86) p-Isopropyltoluene	13.24	119	14140	0.56	ug/l	85

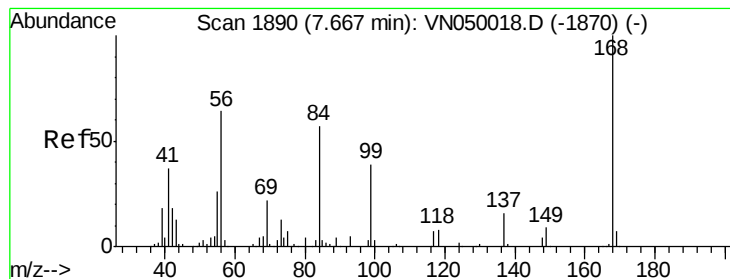
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080118\
Data File : VN050245.D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.62	91	55610	2.66	ug/l #	69
90) Hexachloroethane	13.89	117	41393	7.34	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.25	75	2398	0.84	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	1049	3.21	ug/l #	1
95) Naphthalene	15.14	128	18428	5.28	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.33	180	562	2.27	ug/l #	67

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050245.D

Acq: 1 Aug 2018 13:30

Instrument :

MSVOA_N

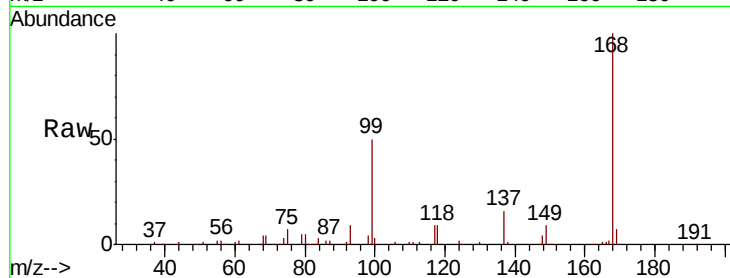
ClientSampleId :

Tot Ion:168 Resp: 671913

Ion Ratio Lower Upper

168 100

99 50.0 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

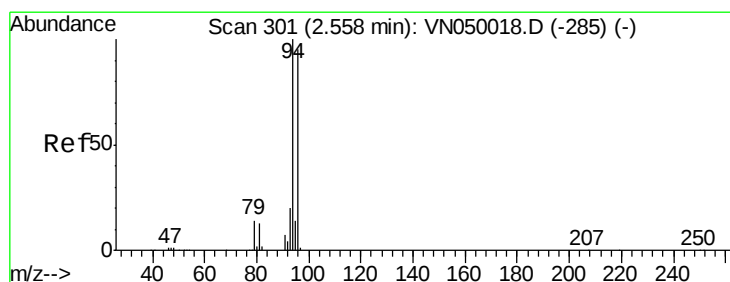
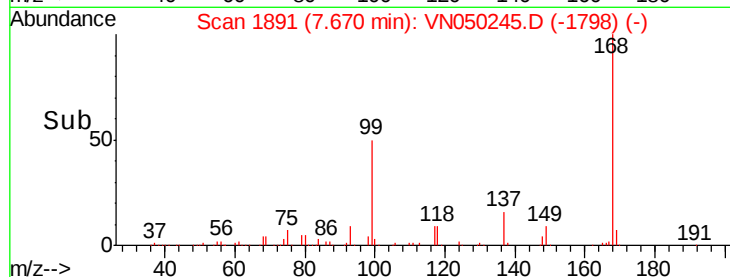
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.02 min

Lab File: VN050245.D

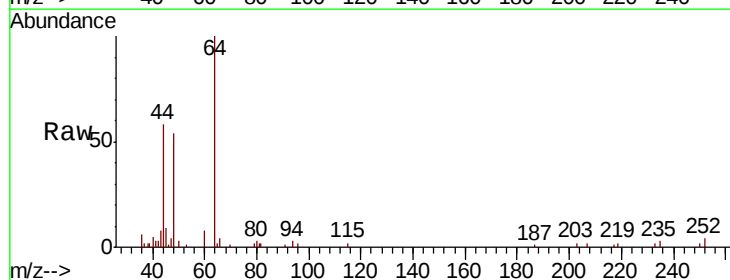
Acq: 1 Aug 2018 13:30

Tgt Ion: 94 Resp: 410

Ion Ratio Lower Upper

94 100

96 24.6 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VN050018.D (-285) (-)

Ion 95.90 (95.60 to 96.60): VN050018.D (-285) (-)

2.57

400

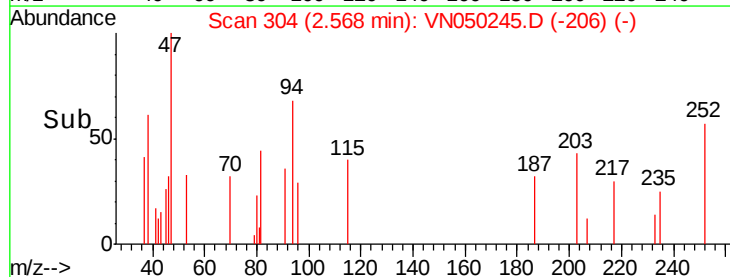
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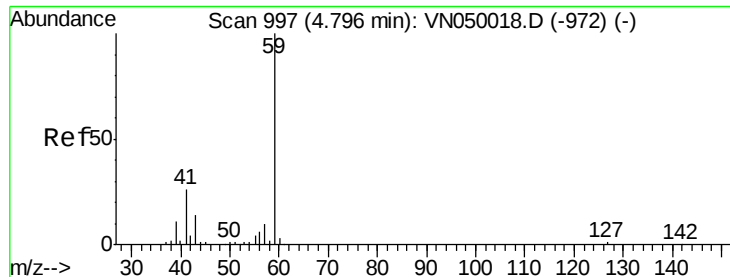
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100

0

Time-->

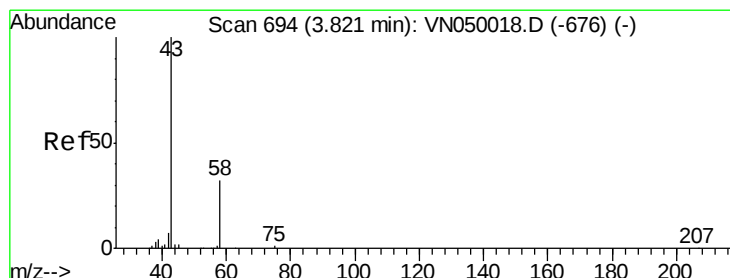
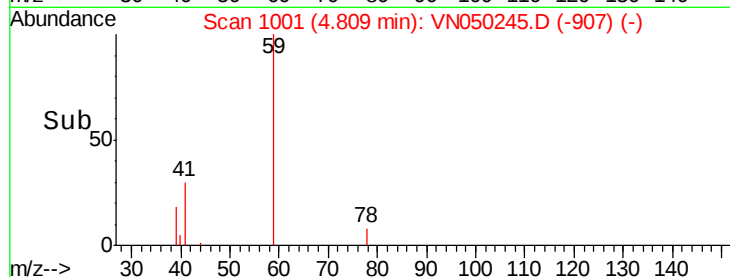
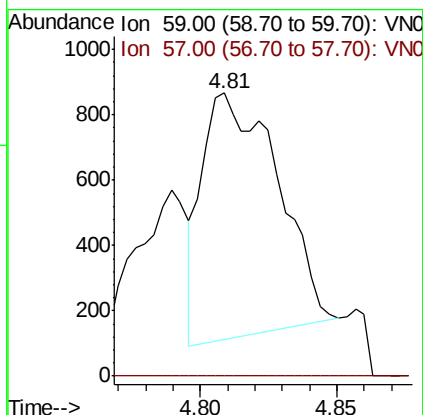
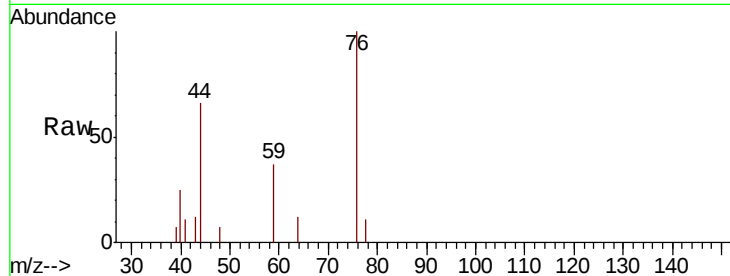




#11
Tert butyl alcohol
Concen: 2.08 ug/l
RT: 4.81 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

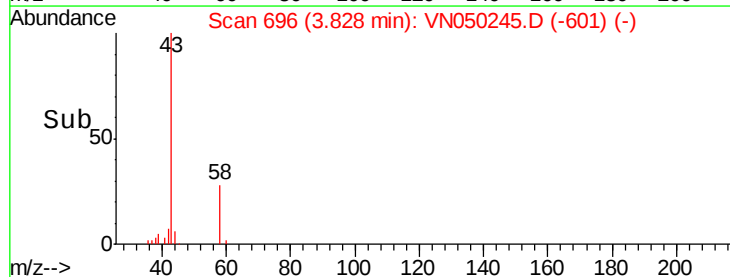
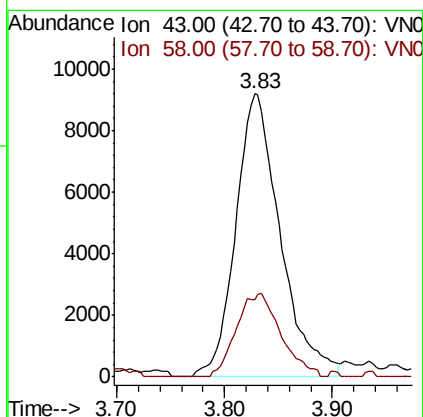
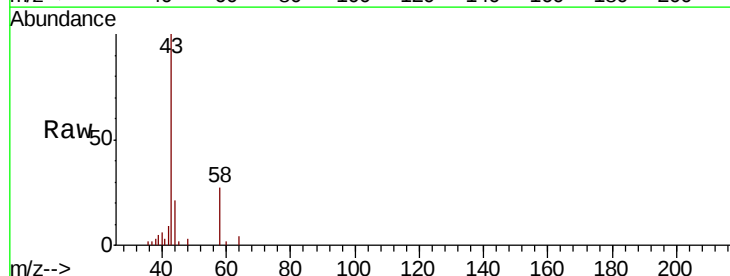
Instrument :
MSVOA_N
ClientSampled :

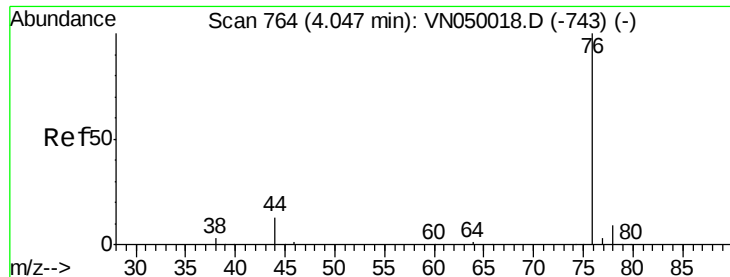
Tot Ion: 59 Resp: 1435
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 7.76 ug/l
RT: 3.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

Tgt Ion: 43 Resp: 26419
Ion Ratio Lower Upper
43 100
58 27.3 25.8 38.8

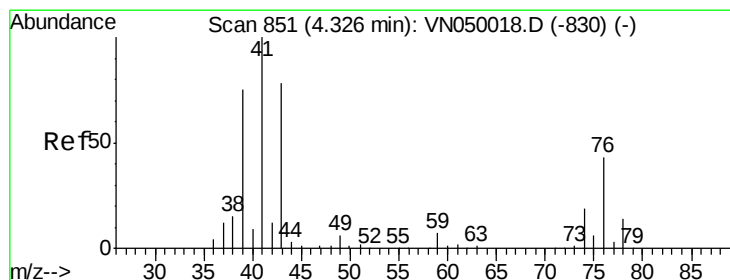
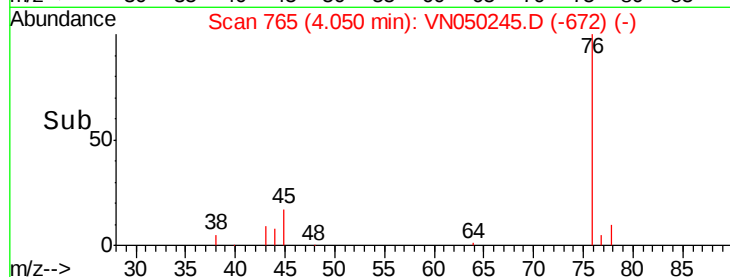
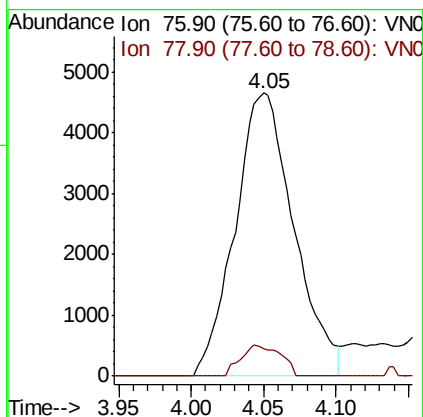
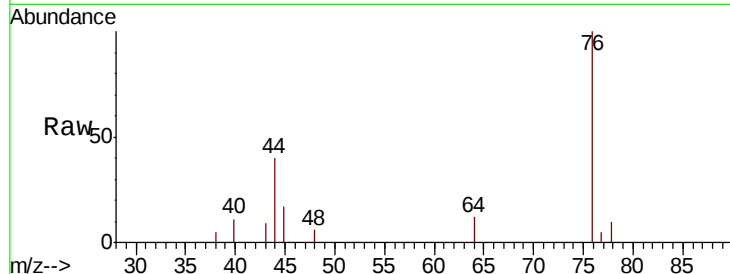




#17
Carbon Disulfide
Concen: 0.55 ua/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

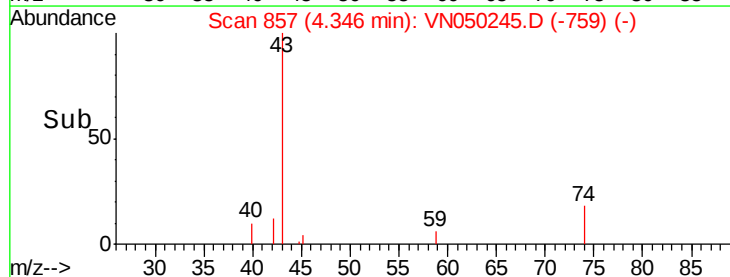
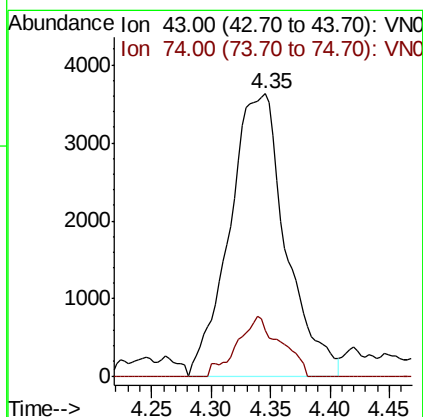
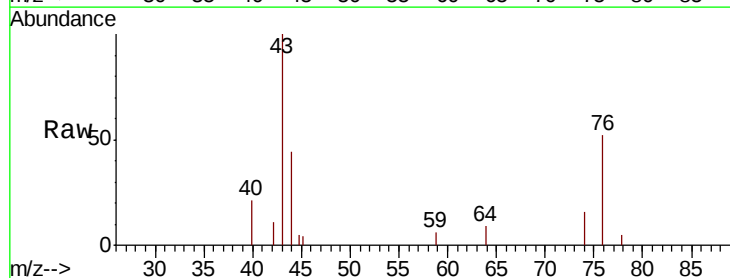
Instrument :
MSVOA_N
ClientSampled :

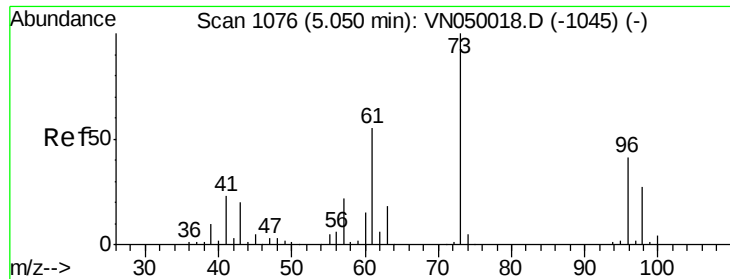
Tot Ion: 76 Resp: 13129
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: Below Cal
RT: 4.35 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

Tgt Ion: 43 Resp: 11942
Ion Ratio Lower Upper
43 100
74 16.6 19.2 28.8#

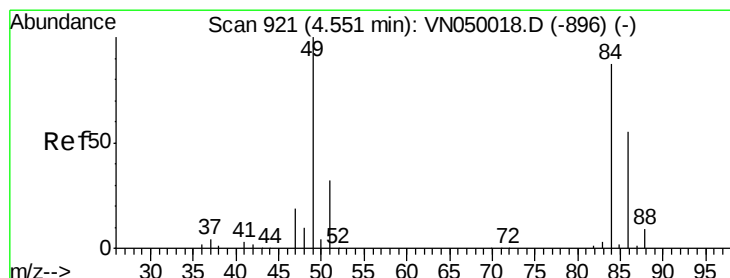
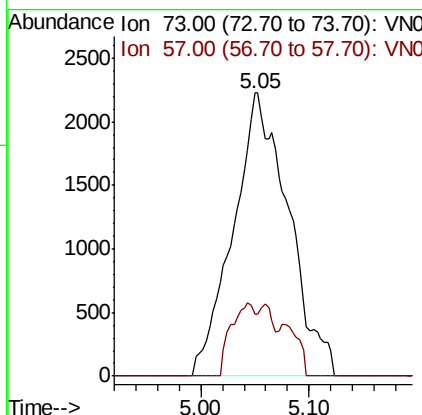
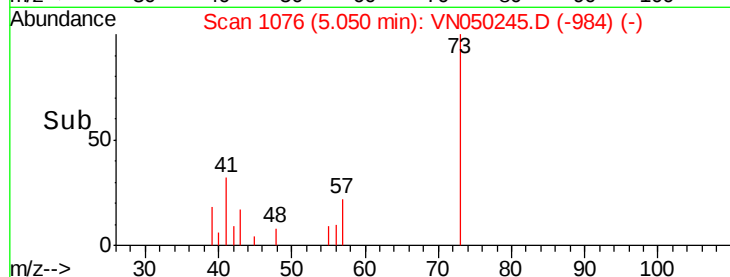
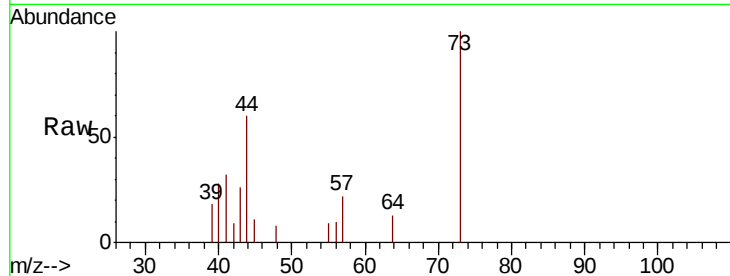




#19
Methyl tert-butyl Ether
Concen: 0.38 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

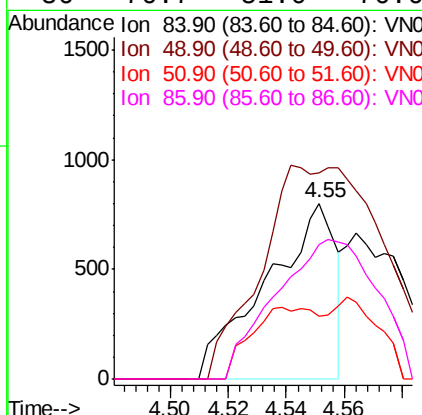
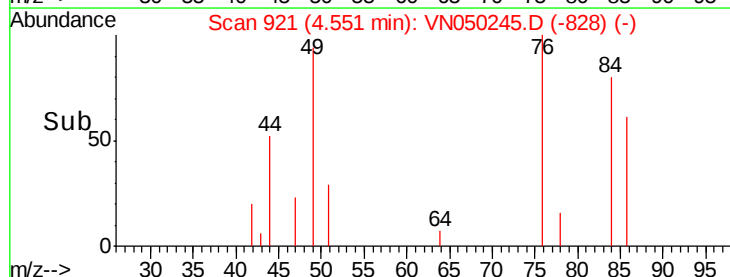
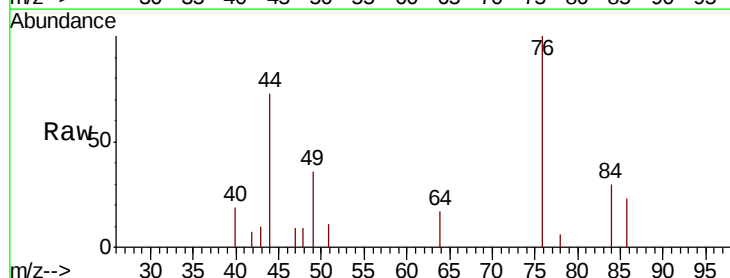
Instrument :
MSVOA_N
ClientSampled :

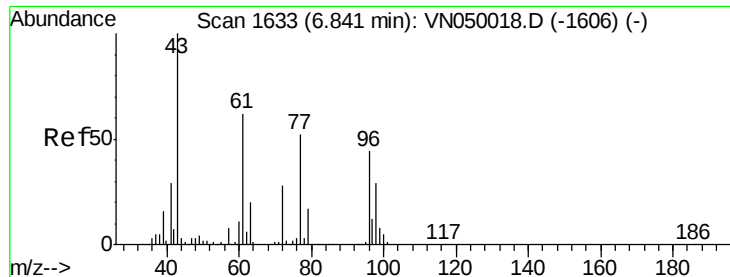
Tot Ion: 73 Resp: 7938
Ion Ratio Lower Upper
73 100
57 22.1 18.0 27.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

Tgt Ion: 84 Resp: 1328
Ion Ratio Lower Upper
84 100
49 117.2 94.8 142.2
51 36.1 28.3 42.5
86 76.7 51.0 76.6#





#25

2-Butanone

Concen: 0.74 ug/l

RT: 6.86 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VN050245.D

Acq: 1 Aug 2018 13:30

Instrument :

MSVOA_N

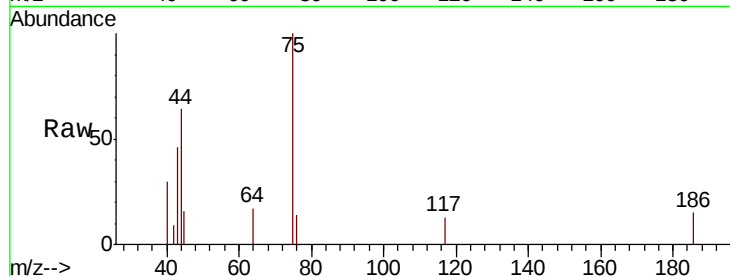
ClientSampleId :

Tot Ion: 43 Resp: 2654

Ion Ratio Lower Upper

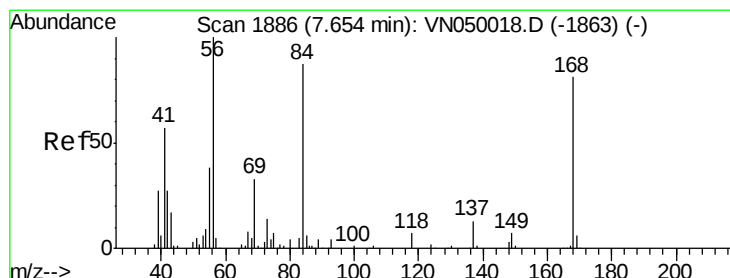
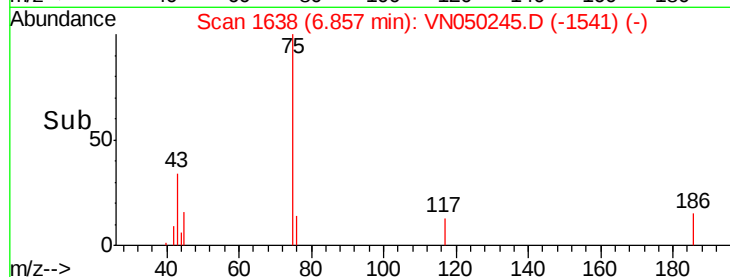
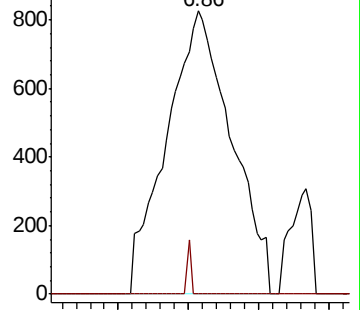
43 100

72 0.0 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#31

Cyclohexane

Concen: 1.01 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VN050245.D

Acq: 1 Aug 2018 13:30

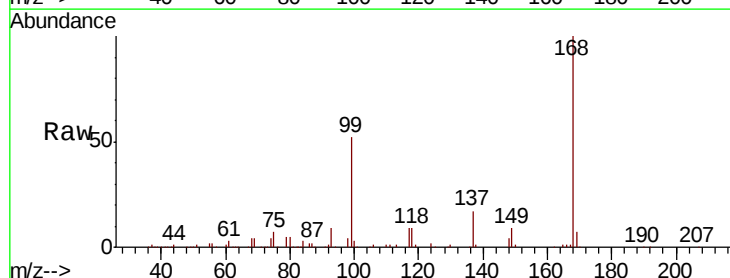
Tgt Ion: 56 Resp: 13855

Ion Ratio Lower Upper

56 100

69 174.8 26.2 39.4#

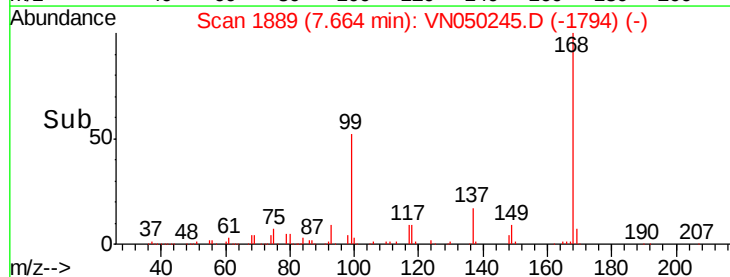
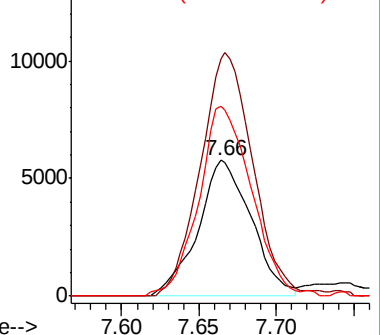
84 139.6 67.4 101.0#

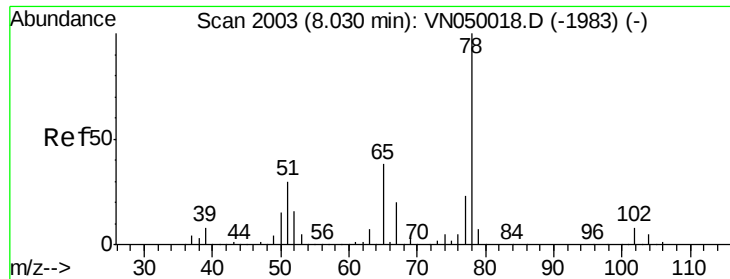


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

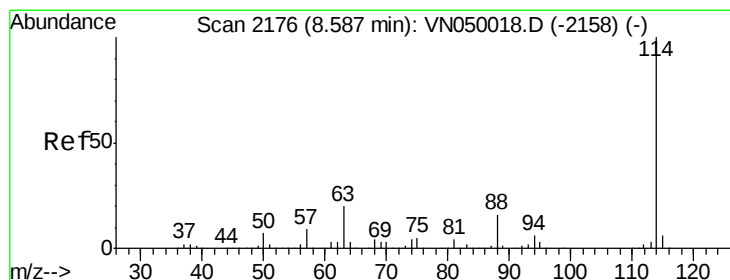
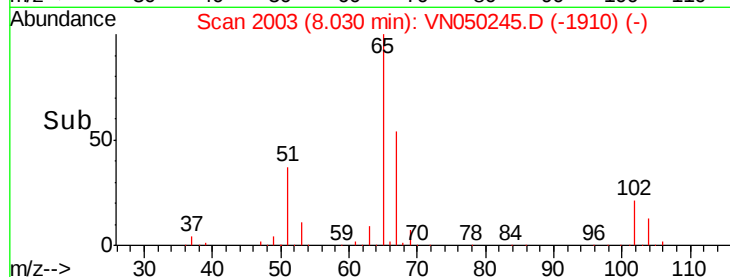
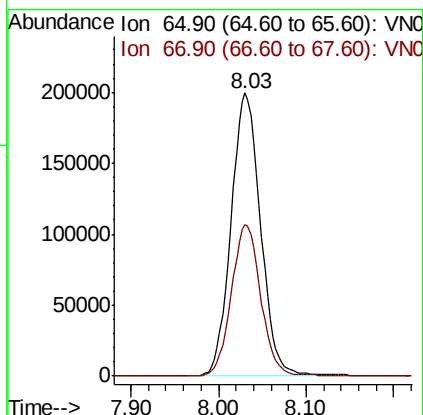
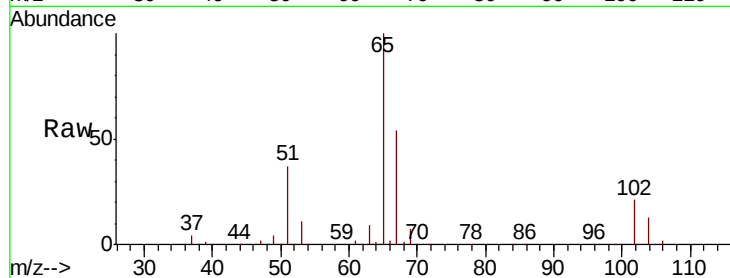




#33
 1,2-Dichloroethane-d4
 Concen: 49.82 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050245.D
 Acq: 1 Aug 2018 13:30

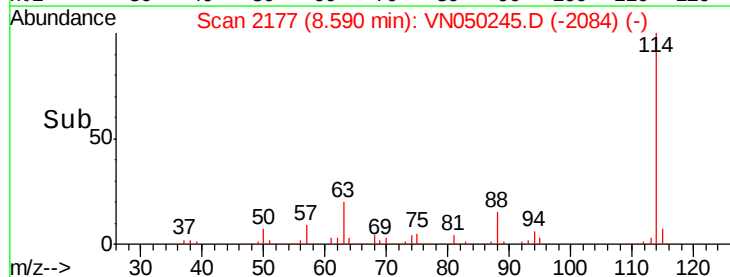
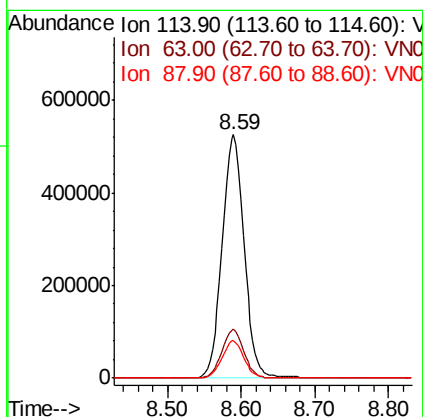
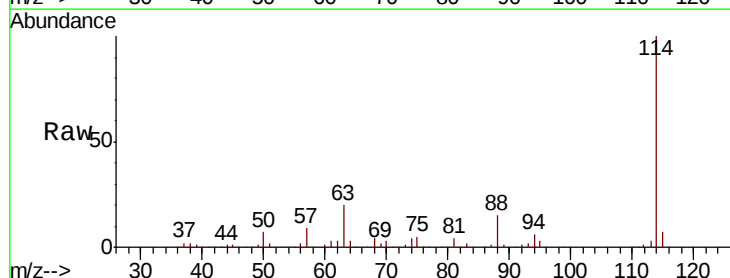
Instrument :
 MSVOA_N
 ClientSampled :

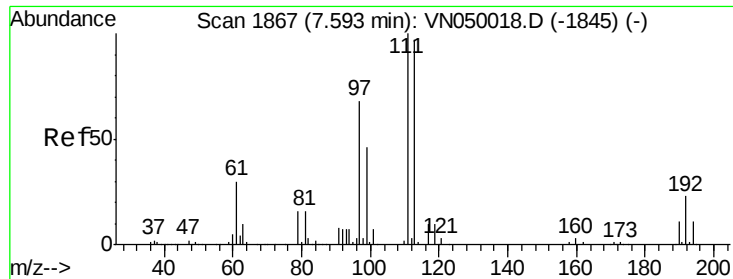
Tot Ion: 65 Resp: 467083
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050245.D
 Acq: 1 Aug 2018 13:30

Tgt Ion: 114 Resp: 1091985
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.3 0.0 31.2

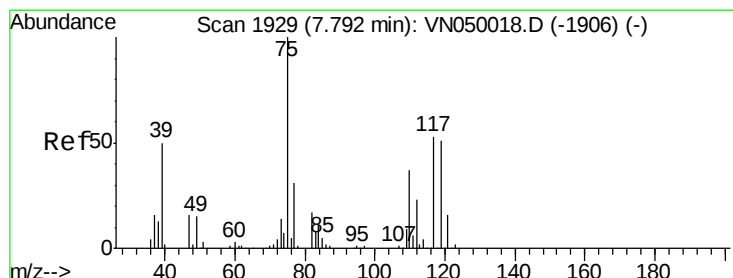
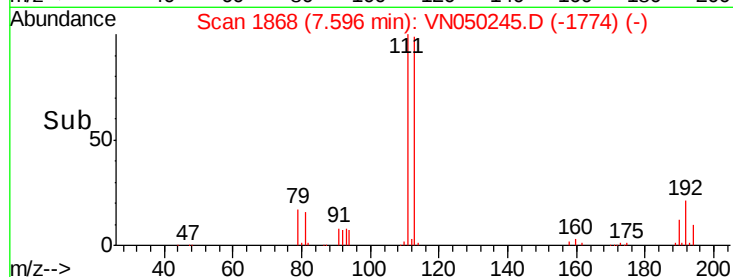
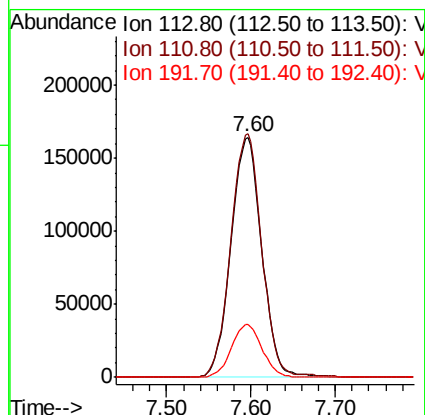
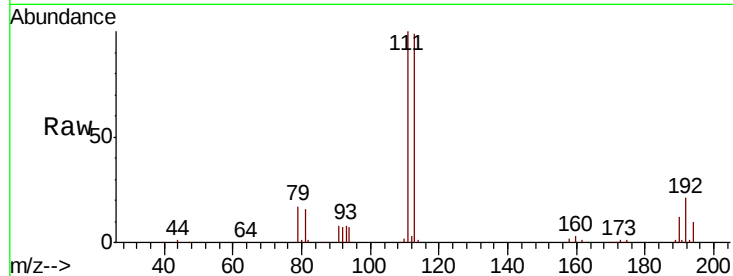




#35
 Dibromofluoromethane
 Concen: 46.82 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050245.D
 Acq: 1 Aug 2018 13:30

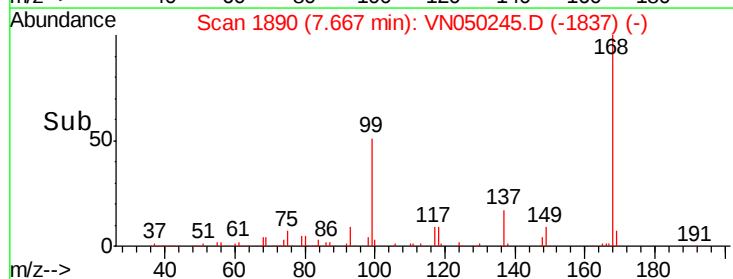
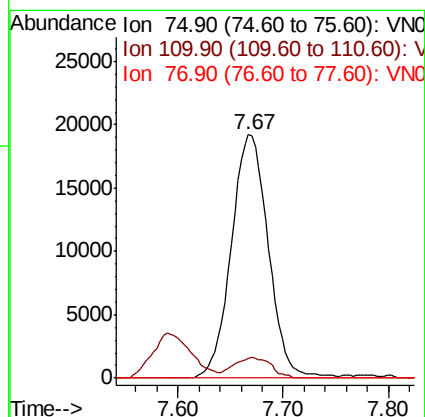
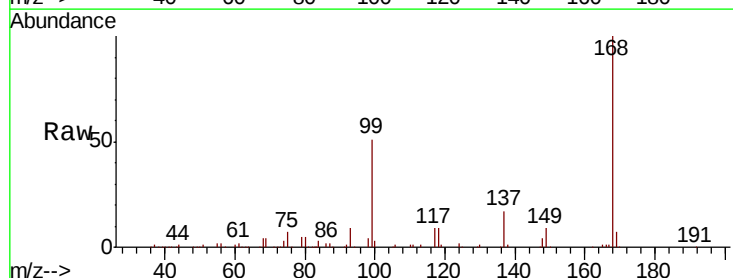
Instrument :
 MSVOA_N
 ClientSampled :

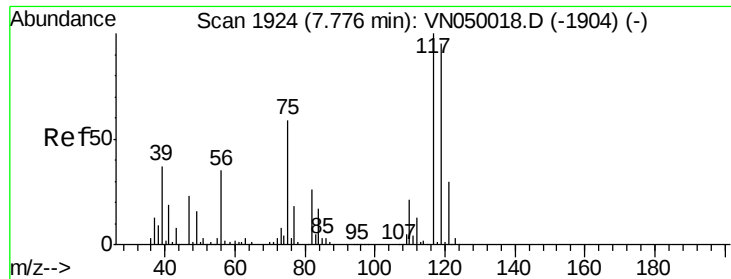
Tot Ion:113 Resp: 417403
 Ion Ratio Lower Upper
 113 100
 111 102.1 80.7 121.1
 192 21.9 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 3.80 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050245.D
 Acq: 1 Aug 2018 13:30

Tgt Ion: 75 Resp: 46767
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.4 55.2#
 77 0.0 25.3 37.9#

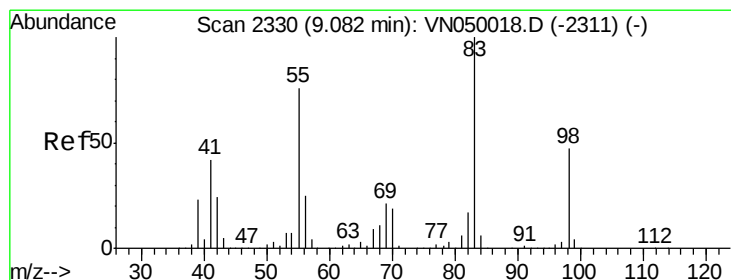
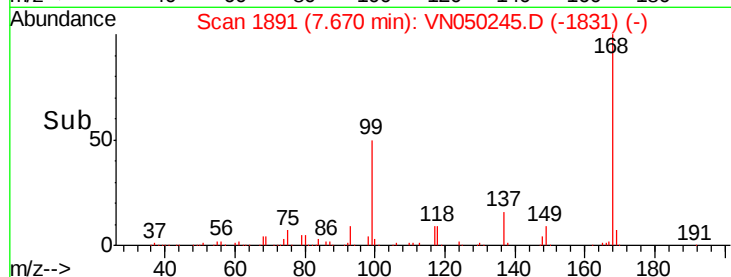
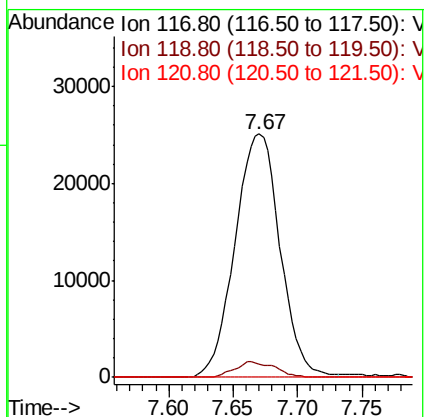
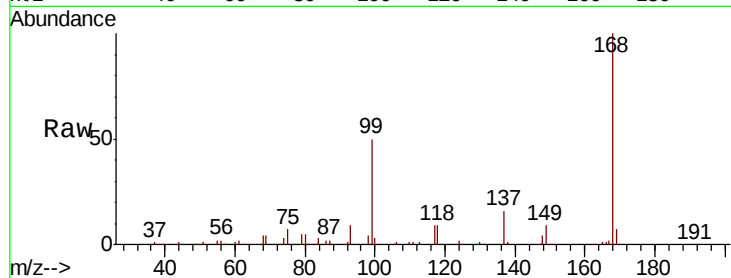




#38
Carbon Tetrachloride
Concen: 4.68 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

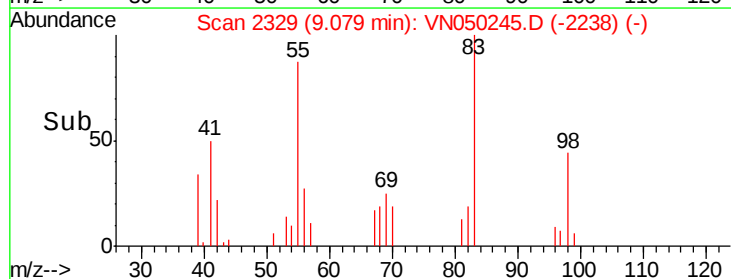
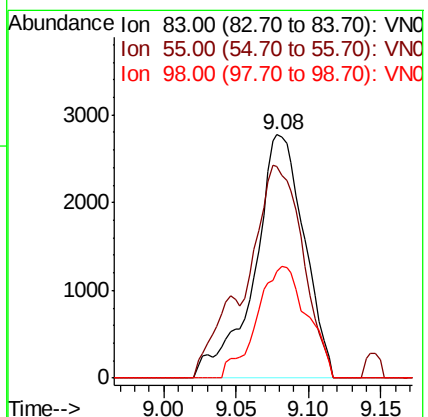
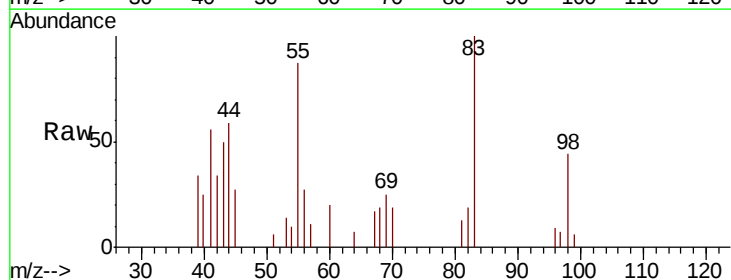
Instrument :
MSVOA_N
ClientSampleId :

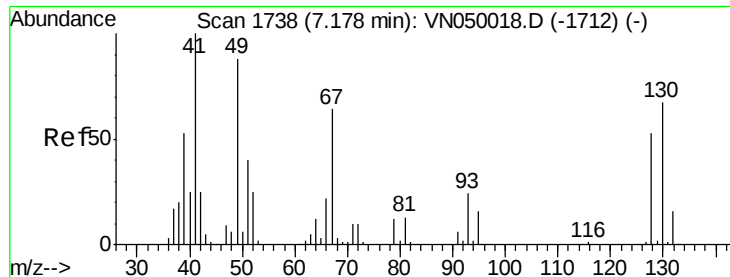
Tot Ion:117 Resp: 61096
Ion Ratio Lower Upper
117 100
119 5.2 77.4 116.0#
121 0.0 23.9 35.9#



#39
Methylcyclohexane
Concen: 0.52 ug/l
RT: 9.08 min Scan# 2329
Delta R.T. -0.01 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

Tgt Ion: 83 Resp: 6621
Ion Ratio Lower Upper
83 100
55 87.0 61.8 92.8
98 43.8 36.5 54.7

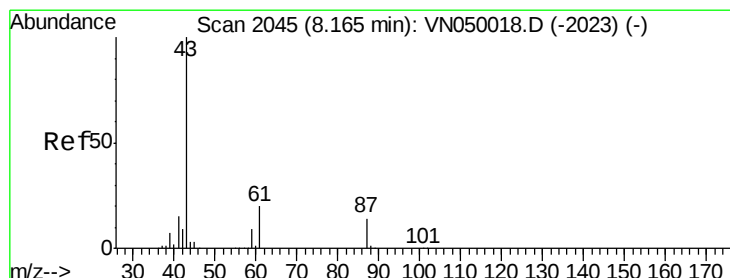
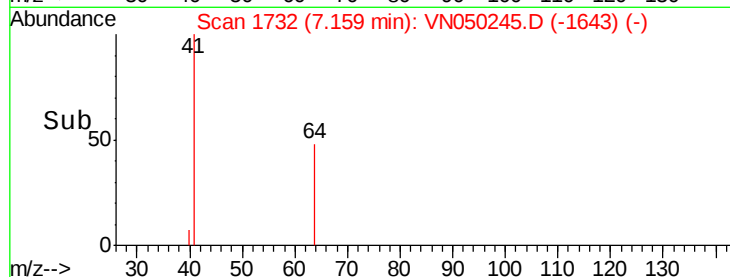
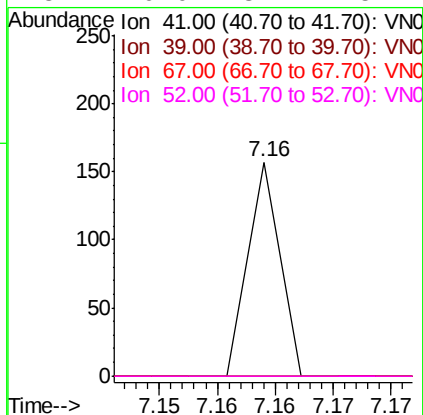
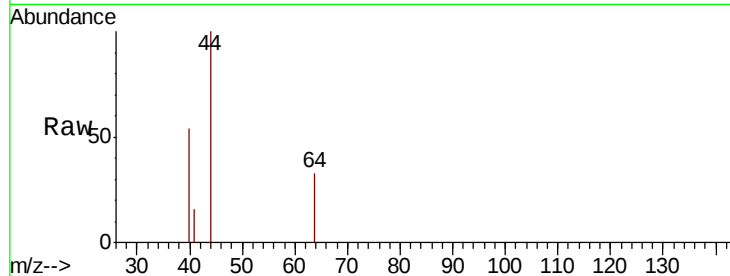




#41
Methacrylonitrile
Concen: 2.75 ug/l
RT: 7.16 min Scan# 1732
Delta R.T. -0.02 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

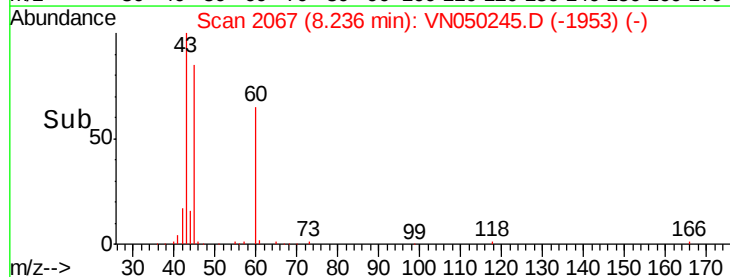
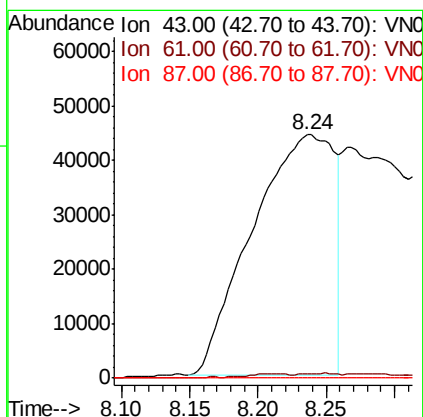
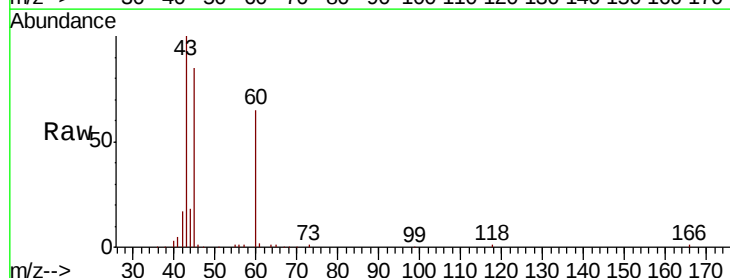
Instrument :
MSVOA_N
ClientSampleId :

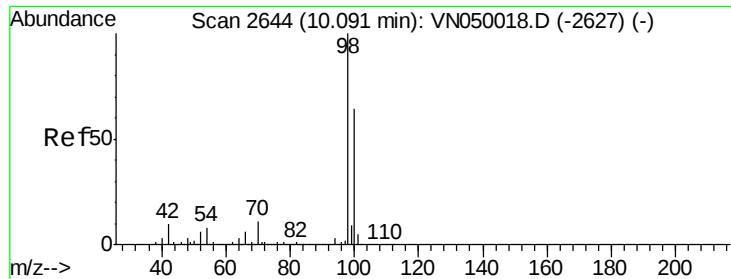
Tot Ion: 41 Resp: 30
Ion Ratio Lower Upper
41 100
39 0.0 55.8 83.6#
67 0.0 84.3 126.5#
52 0.0 34.2 51.2#



#43
Isopropyl Acetate
Concen: 10.53 ug/l
RT: 8.24 min Scan# 2067
Delta R.T. 0.07 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

Tgt Ion: 43 Resp: 184701
Ion Ratio Lower Upper
43 100
61 0.0 15.8 23.6#
87 0.0 10.3 15.5#

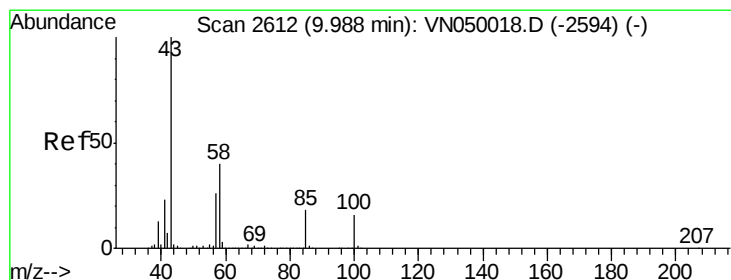
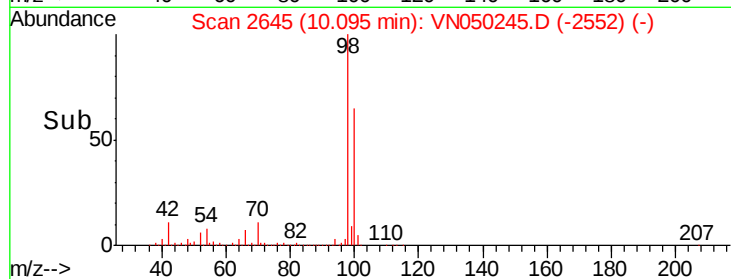
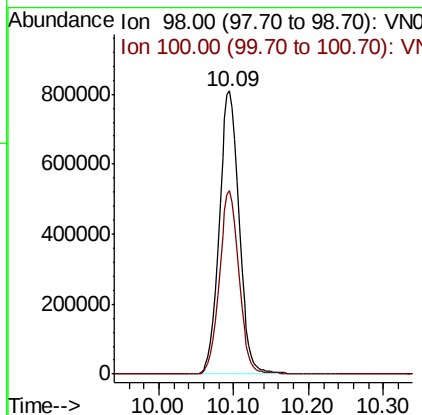
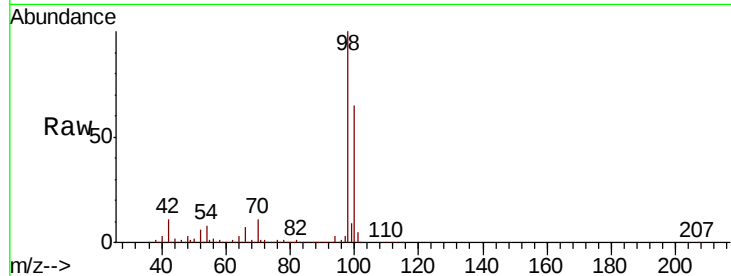




#50
Toluene-d8
Concen: 45.45 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

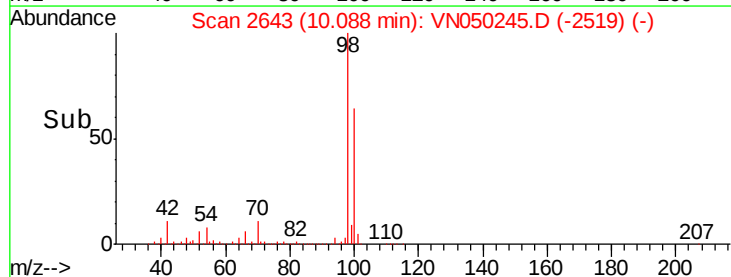
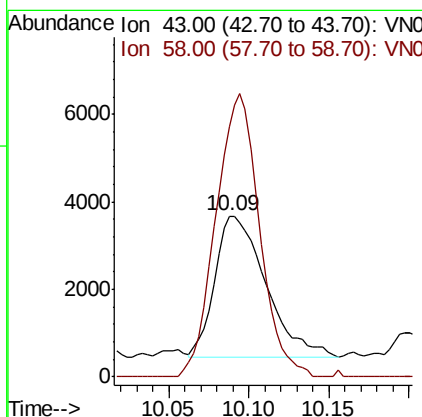
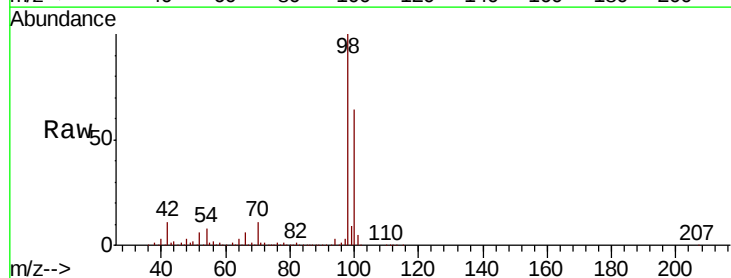
Instrument :
MSVOA_N
ClientSampled :

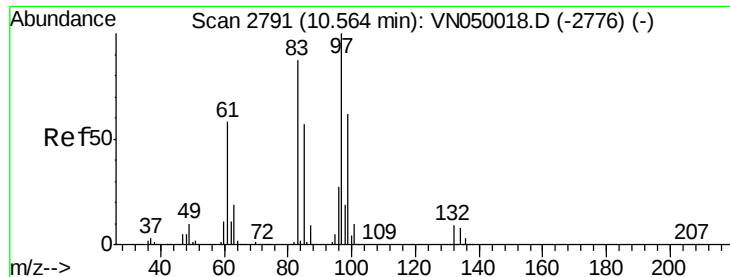
Tot Ion: 98 Resp: 1489650
Ion Ratio Lower Upper
98 100
100 63.7 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.84 ug/l
RT: 10.09 min Scan# 2643
Delta R.T. 0.10 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

Tgt Ion: 43 Resp: 7047
Ion Ratio Lower Upper
43 100
58 171.1 31.9 47.9#





#55

1,1,2-Trichloroethane

Concen: 1.18 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. -0.04 min

Lab File: VN050245.D

Acq: 1 Aug 2018 13:30

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 10343

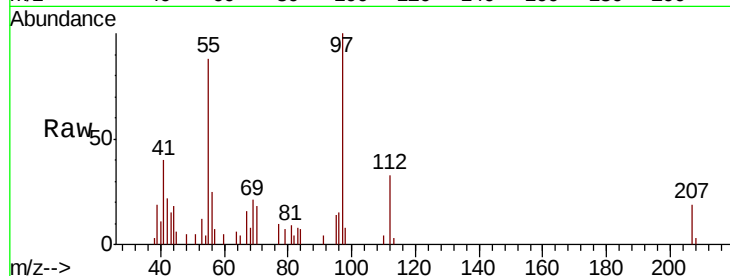
Ion Ratio Lower Upper

97 100

83 8.2 69.2 103.8#

85 0.0 44.0 66.0#

99 0.0 49.9 74.9#



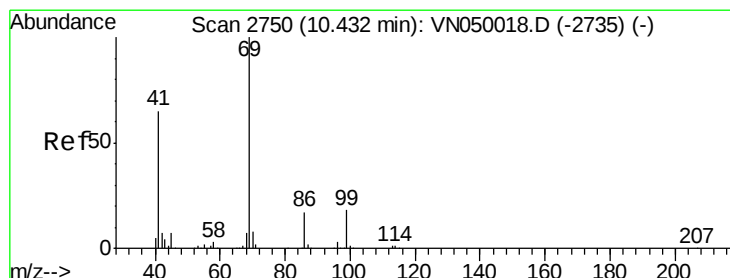
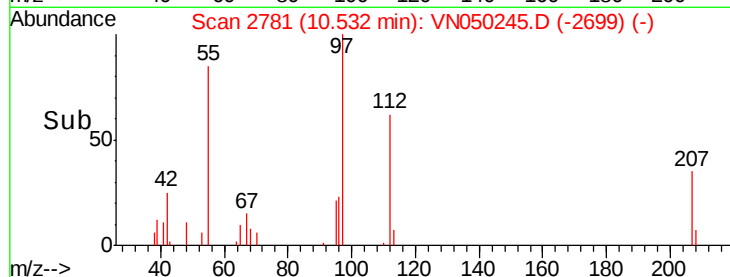
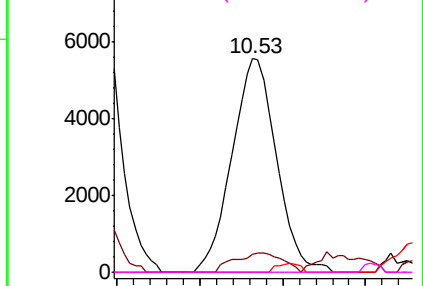
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 2.48 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN050245.D

Acq: 1 Aug 2018 13:30

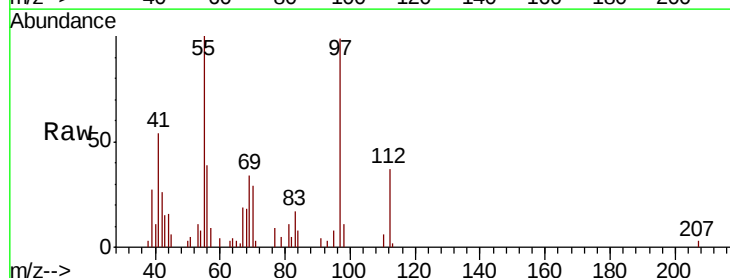
Tgt Ion: 69 Resp: 5548

Ion Ratio Lower Upper

69 100

41 160.0 51.0 76.4#

39 85.5 26.6 40.0#

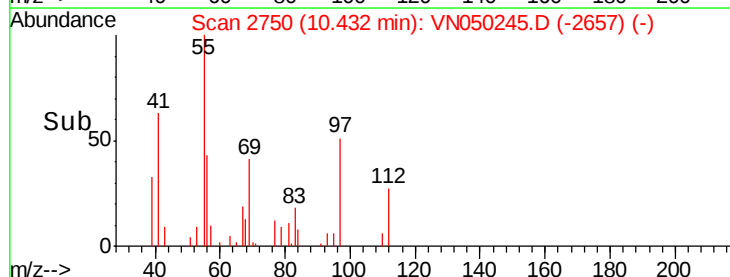
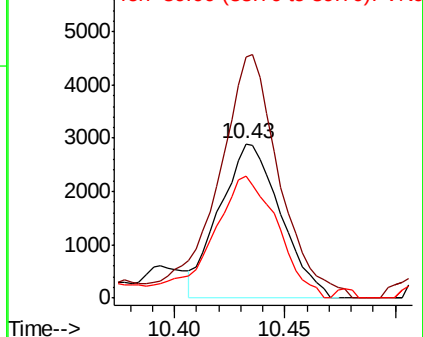


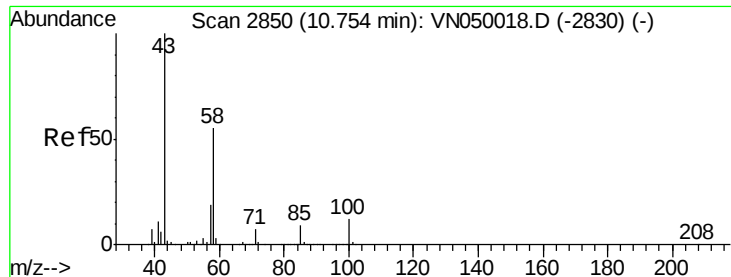
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

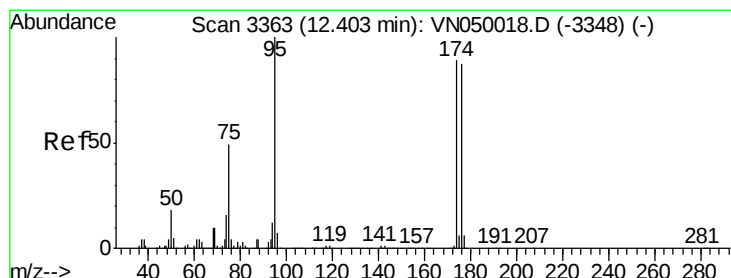
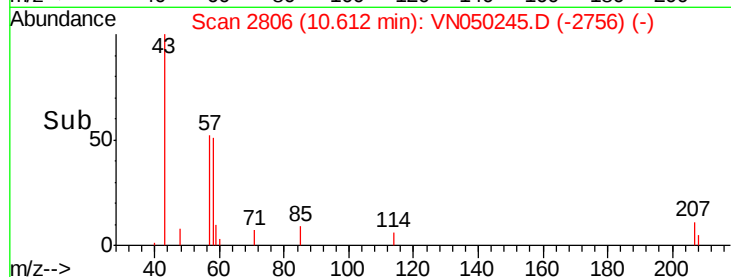
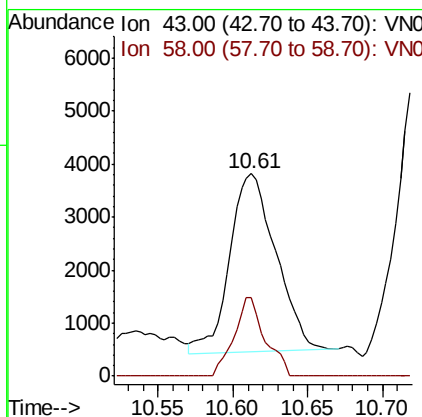
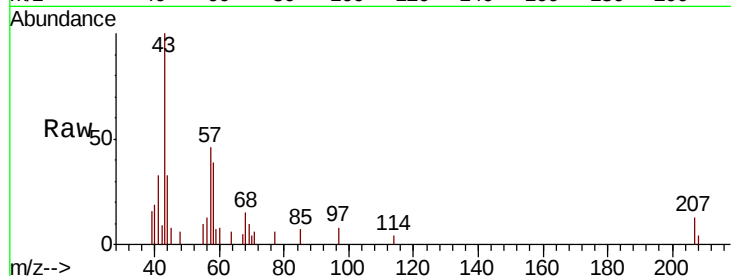




#59
2-Hexanone
Concen: 6.32 ug/l
RT: 10.61 min Scan# 2806
Delta R.T. -0.14 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

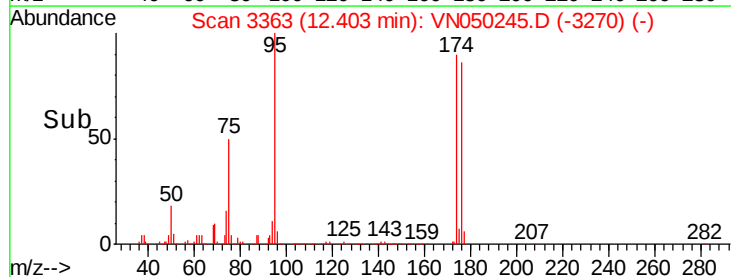
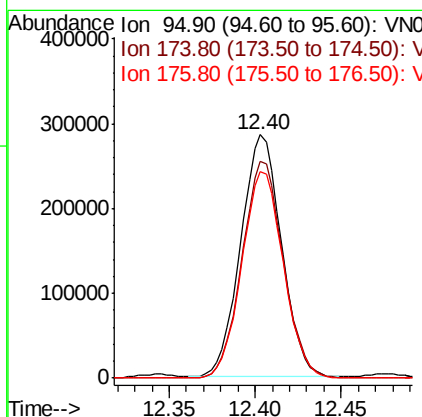
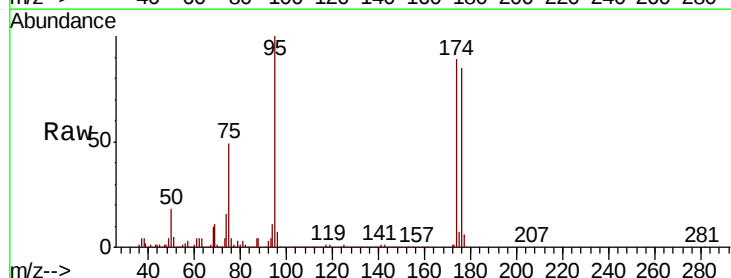
Instrument :
MSVOA_N
ClientSampled :

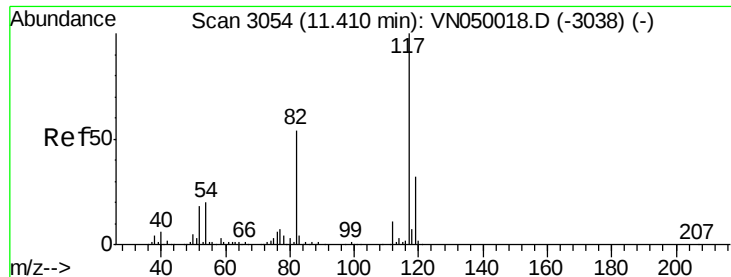
Tot Ion: 43 Resp: 7265
Ion Ratio Lower Upper
43 100
58 29.3 27.6 82.7



#62
4-Bromofluorobenzene
Concen: 43.43 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

Tgt Ion: 95 Resp: 468793
Ion Ratio Lower Upper
95 100
174 90.7 0.0 178.2
176 87.0 0.0 173.4

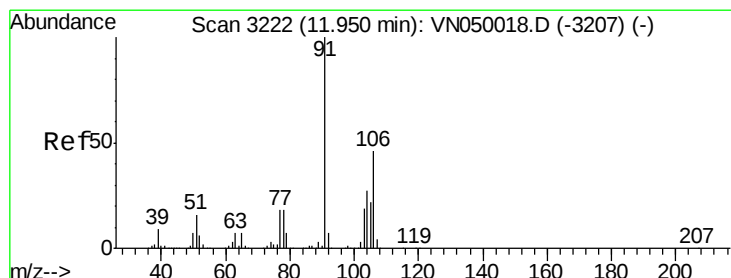
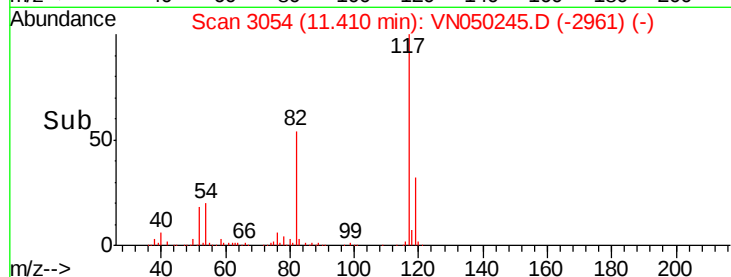
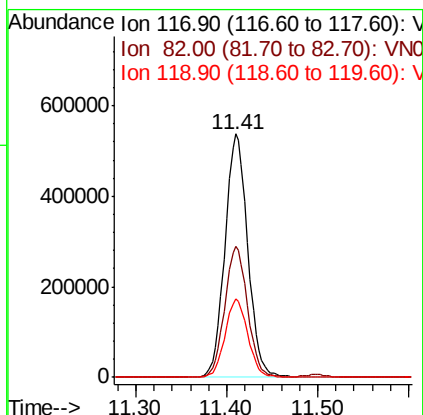
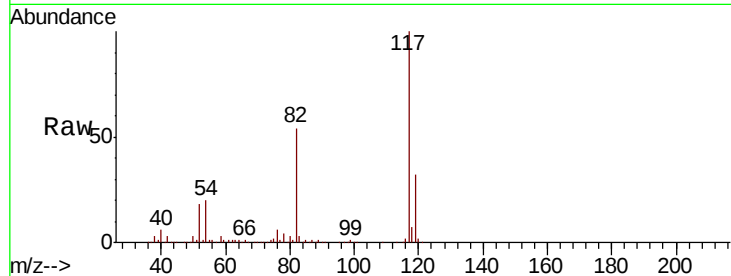




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

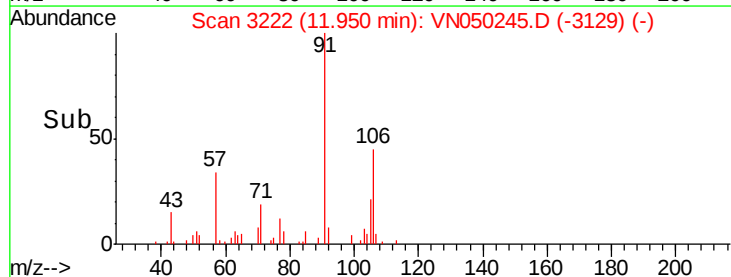
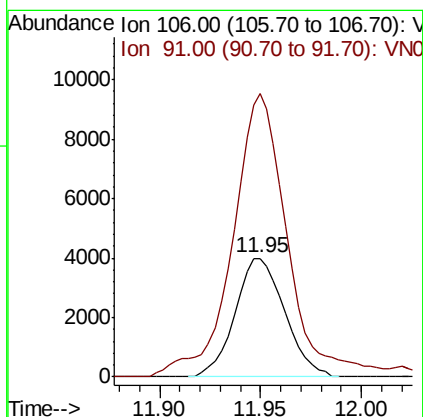
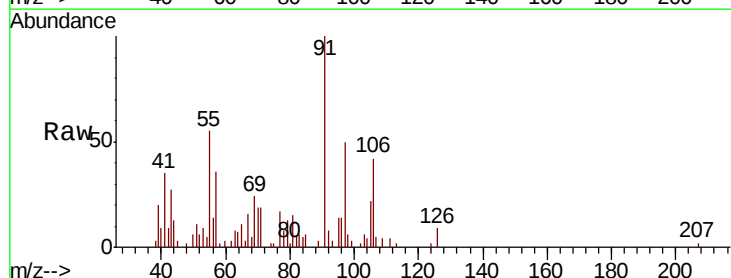
Instrument :
MSVOA_N
ClientSampleId :

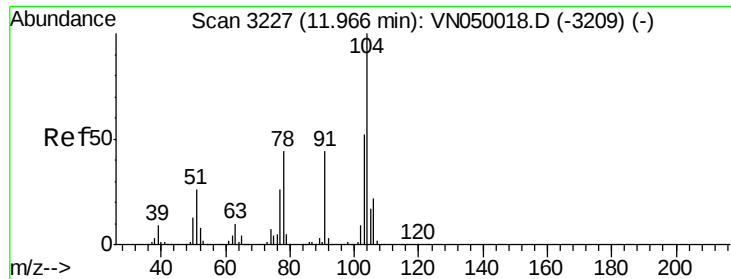
Tot Ion:117 Resp: 934624
Ion Ratio Lower Upper
117 100
82 53.7 43.7 65.5
119 32.1 26.1 39.1



#69
o-Xylene
Concen: 0.50 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

Tgt Ion:106 Resp: 6846
Ion Ratio Lower Upper
106 100
91 264.5 107.7 323.1

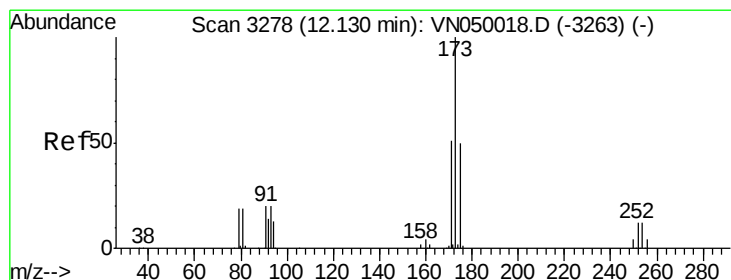
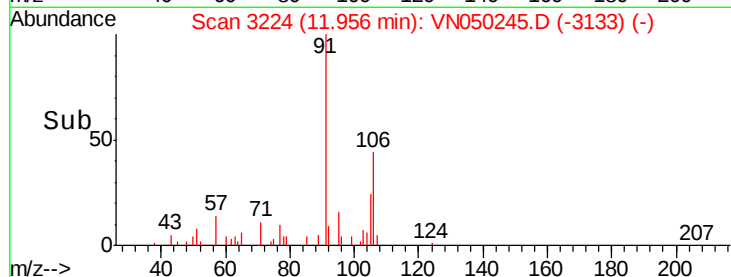
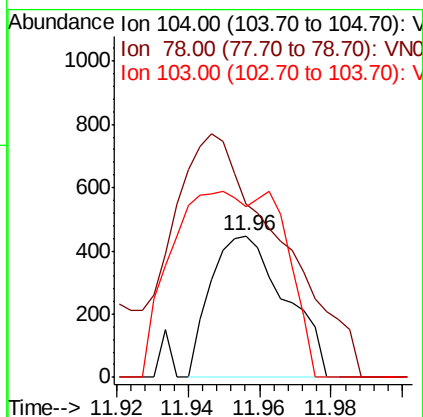
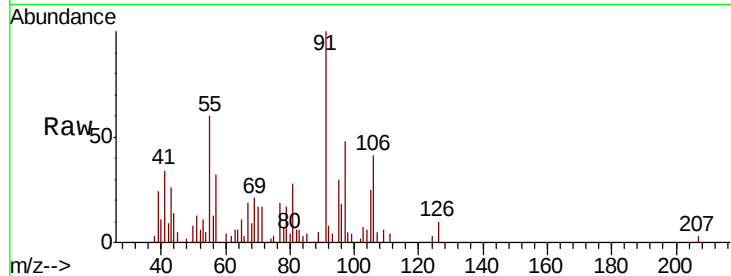




#70
Stvrene
Concen: 0.95 ug/l
RT: 11.96 min Scan# 3224
Delta R.T. -0.01 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

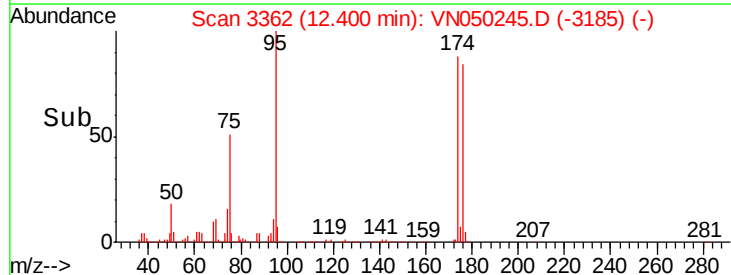
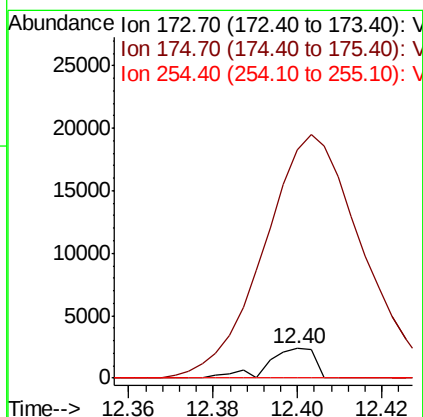
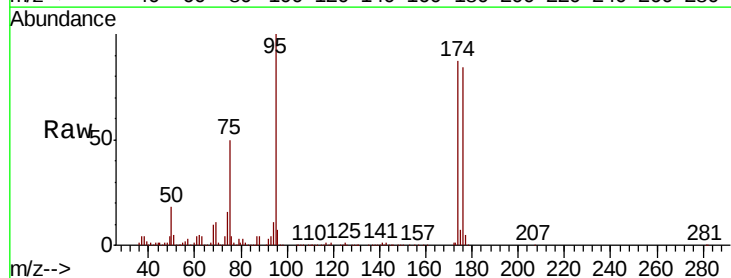
Instrument :
MSVOA_N
ClientSampled :

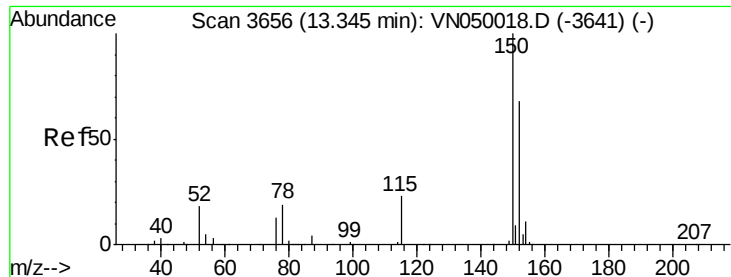
Tot Ion:104 Resp: 650
Ion Ratio Lower Upper
104 100
78 244.5 39.3 58.9#
103 131.8 45.0 67.6#



#71
Bromoform
Concen: 0.27 ug/l
RT: 12.40 min Scan# 3362
Delta R.T. 0.27 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

Tgt Ion:173 Resp: 1796
Ion Ratio Lower Upper
173 100
175 1550.9 24.1 72.2#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050245.D

Acq: 1 Aug 2018 13:30

Instrument :

MSVOA_N

ClientSampleId :

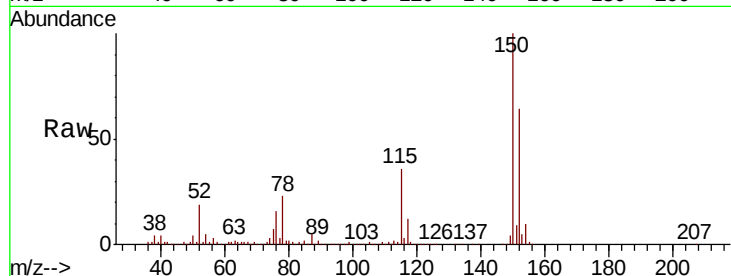
Tot Ion:152 Resp: 423715

Ion Ratio Lower Upper

152 100

115 59.9 27.8 83.3

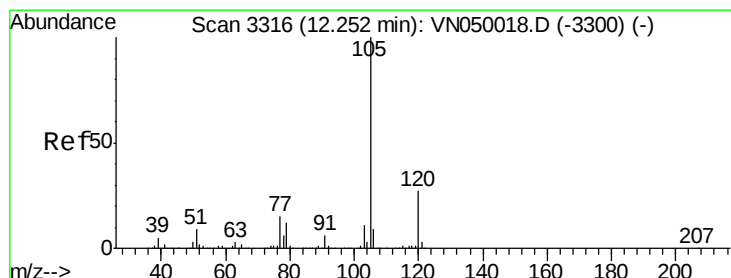
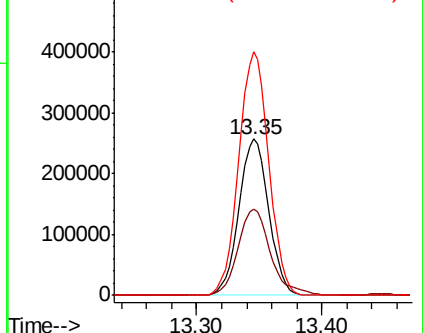
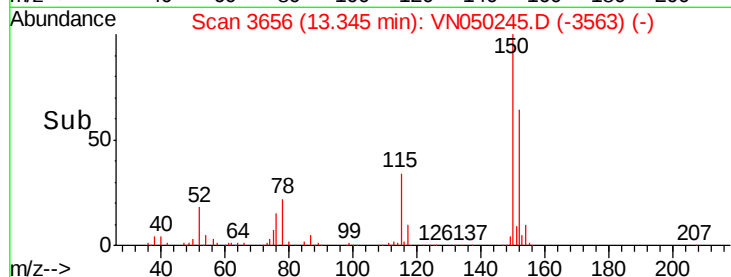
150 157.0 0.0 348.6



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: 3.24 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050245.D

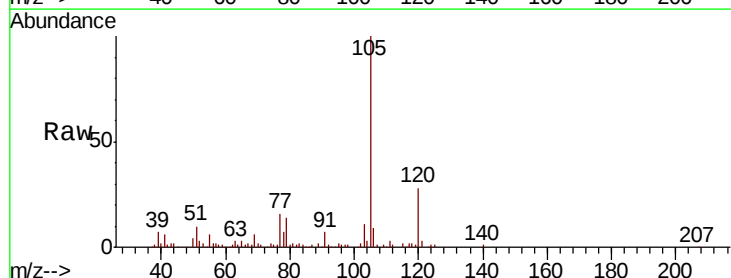
Acq: 1 Aug 2018 13:30

Tgt Ion:105 Resp: 106607

Ion Ratio Lower Upper

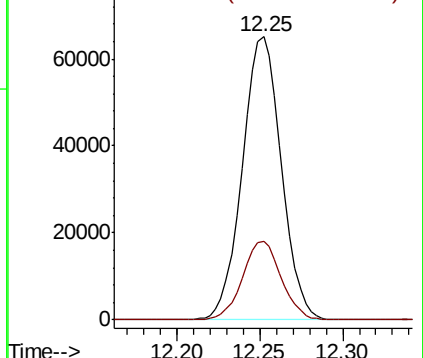
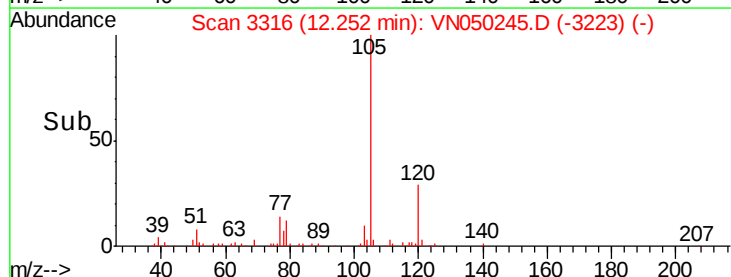
105 100

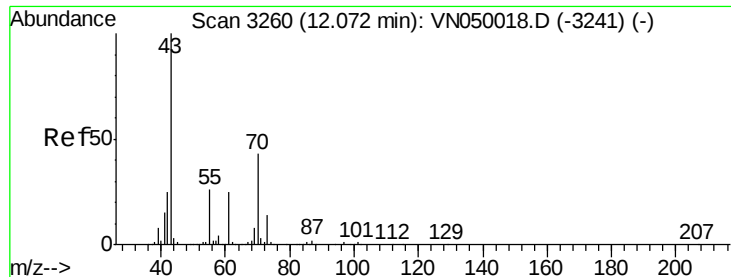
120 27.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.32 ug/l

RT: 12.05 min Scan# 3252

Delta R.T. -0.03 min

Lab File: VN050245.D

Acq: 1 Aug 2018 13:30

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 13268

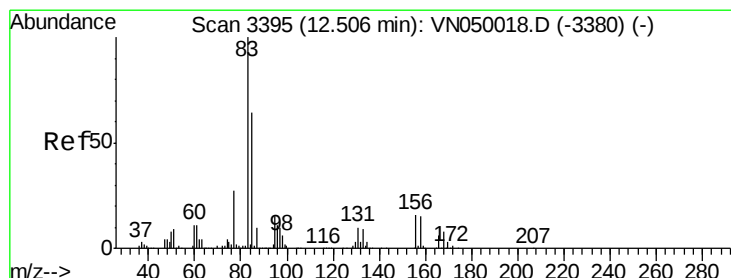
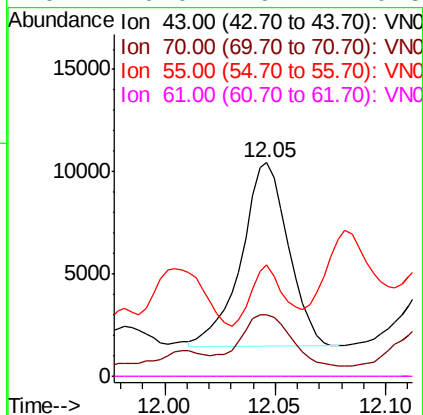
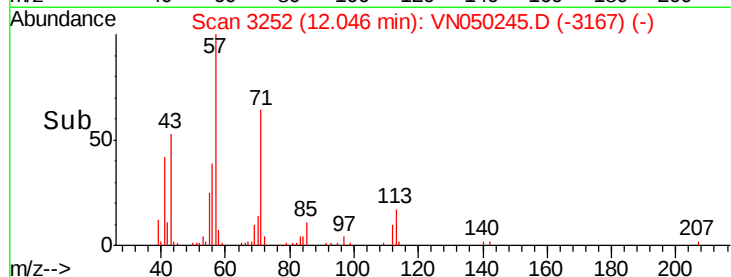
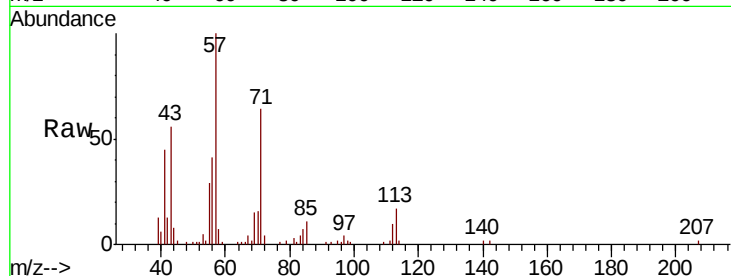
Ion Ratio Lower Upper

43 100

70 29.7 34.4 51.6#

55 25.8 20.8 31.2

61 0.0 19.7 29.5#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.47 min Scan# 3384

Delta R.T. -0.03 min

Lab File: VN050245.D

Acq: 1 Aug 2018 13:30

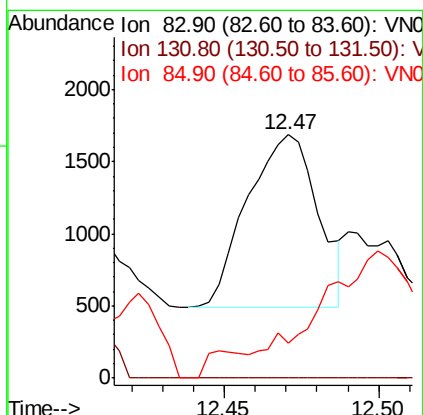
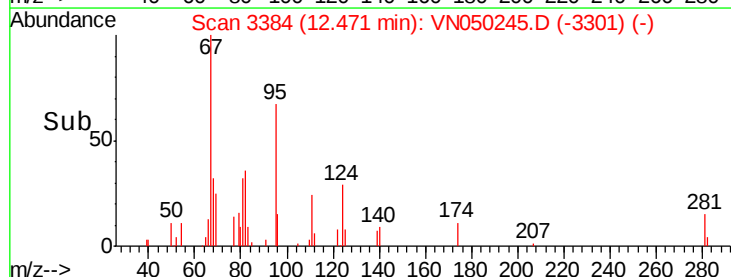
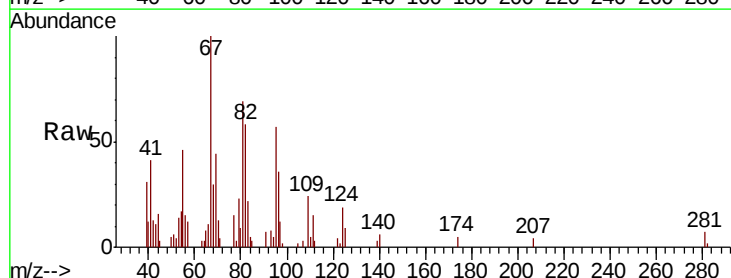
Tgt Ion: 83 Resp: 1891

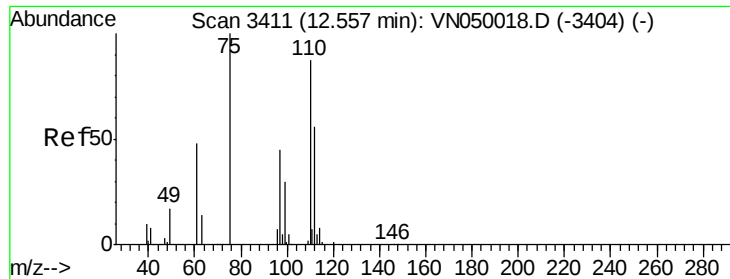
Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 0.0 32.3 96.8#

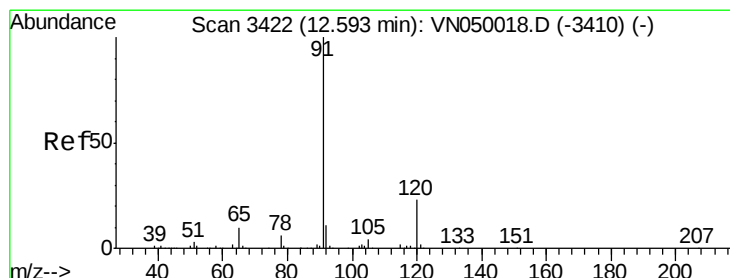
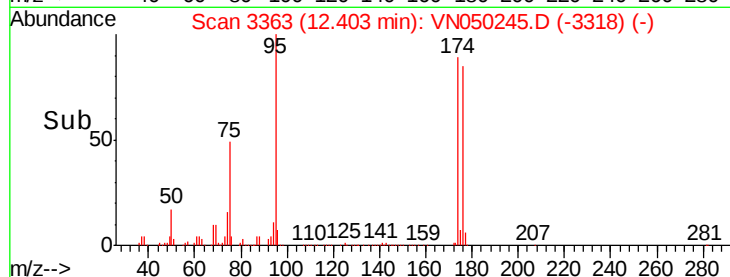
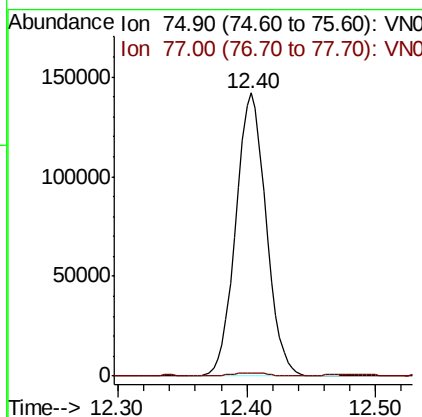
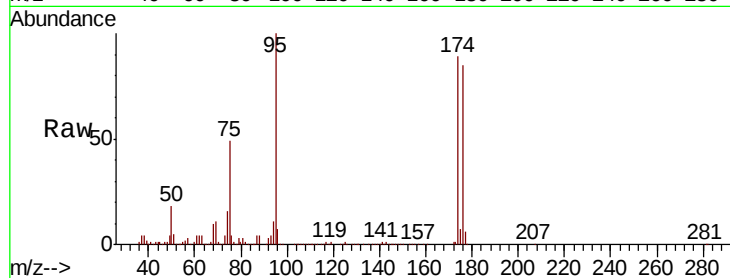




#76
 1,2,3-Trichloropropane
 Concen: 29.46 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.15 min
 Lab File: VN050245.D
 Acq: 1 Aug 2018 13:30

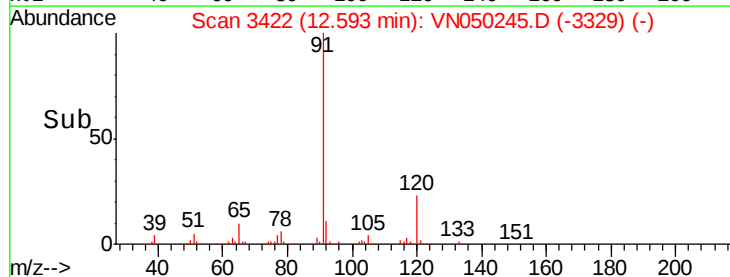
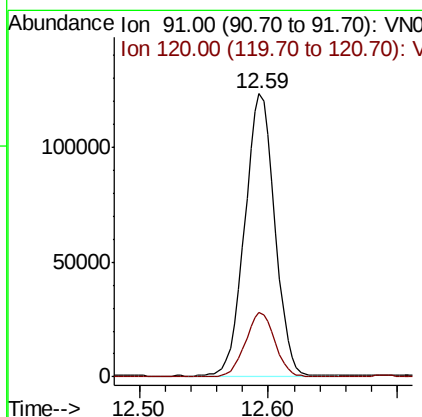
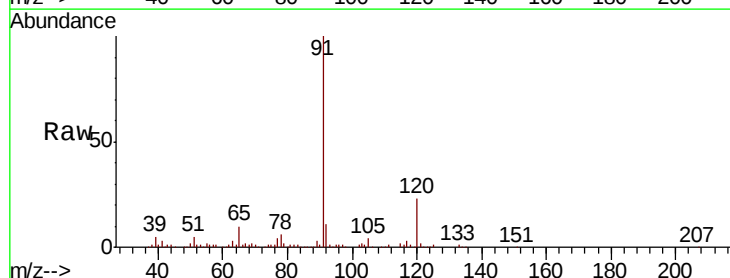
Instrument :
 MSVOA_N
 ClientSampleId :

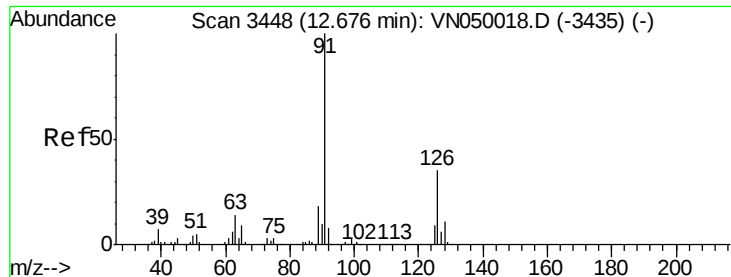
Tot Ion: 75 Resp: 231956
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#78
 n-propylbenzene
 Concen: 5.40 ug/l
 RT: 12.59 min Scan# 3422
 Delta R.T. 0.00 min
 Lab File: VN050245.D
 Acq: 1 Aug 2018 13:30

Tgt Ion: 91 Resp: 198526
 Ion Ratio Lower Upper
 91 100
 120 22.5 11.6 34.7





#79

2-Chlorotoluene

Concen: 8.72 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.08 min

Lab File: VN050245.D

Acq: 1 Aug 2018 13:30

Instrument :

MSVOA_N

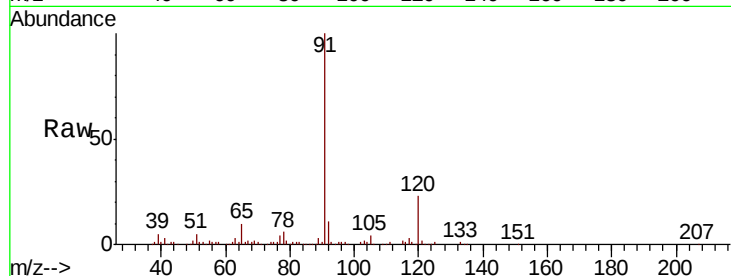
ClientSampleId :

Tot Ion: 91 Resp: 198526

Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VN050018.D (-3435) (-)

Ion 125.90 (125.60 to 126.60): VN050018.D (-3435) (-)

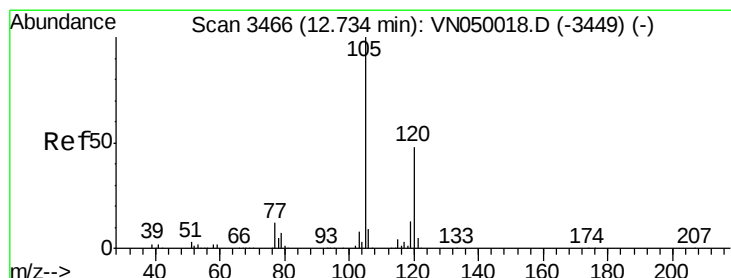
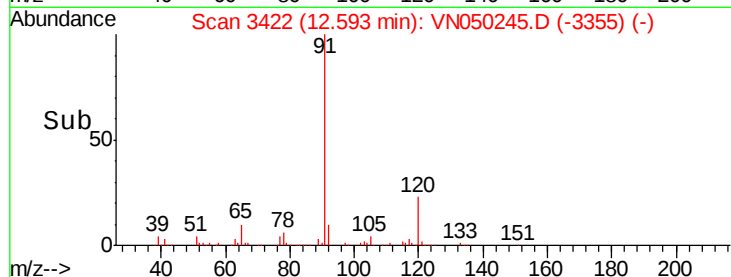
12.59

100000

50000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 3.07 ug/l

RT: 12.89 min Scan# 3515

Delta R.T. 0.16 min

Lab File: VN050245.D

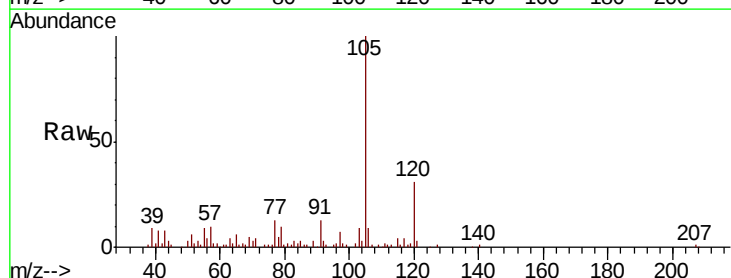
Acq: 1 Aug 2018 13:30

Tgt Ion:105 Resp: 79449

Ion Ratio Lower Upper

105 100

120 30.5 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN050018.D (-3449) (-)

Ion 120.00 (119.70 to 120.70): VN050018.D (-3449) (-)

12.89

50000

40000

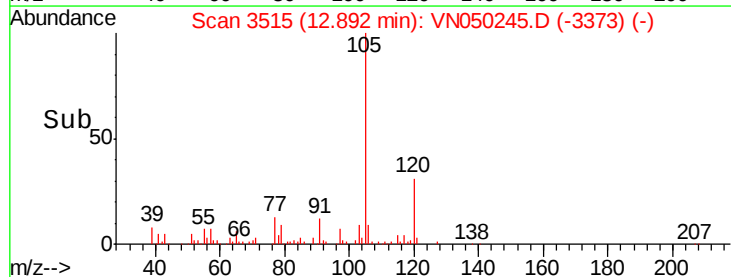
30000

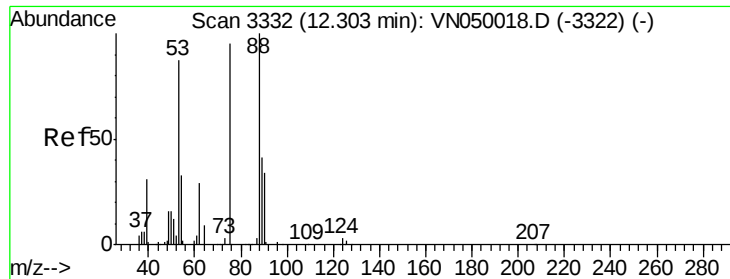
20000

10000

0

Time-->

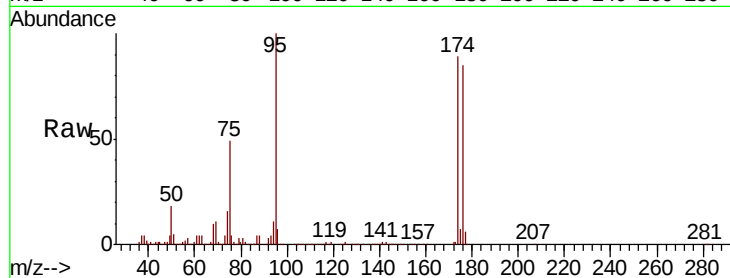




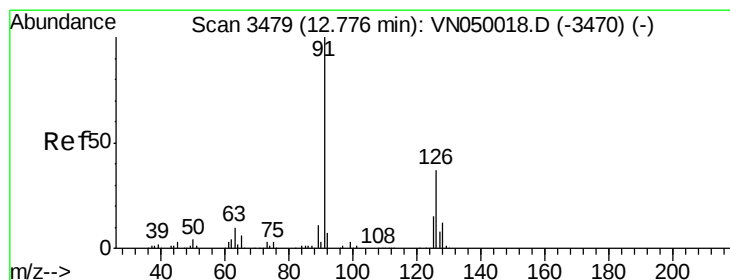
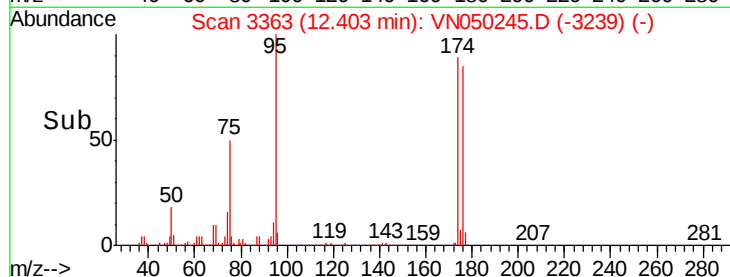
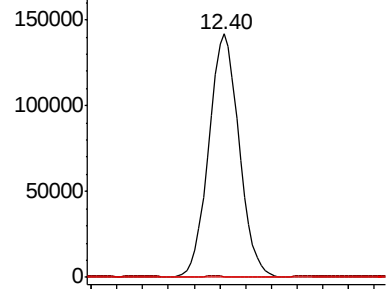
#81
trans-1,4-Dichloro-2-butene
Concen: 93.43 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 75 Resp: 231956
Ion Ratio Lower Upper
75 100
53 0.3 73.5 110.3#
89 0.0 36.0 54.0#

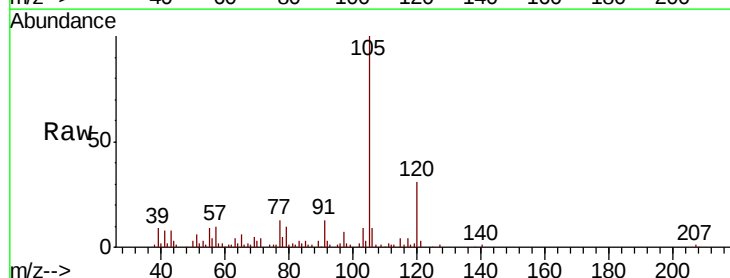


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

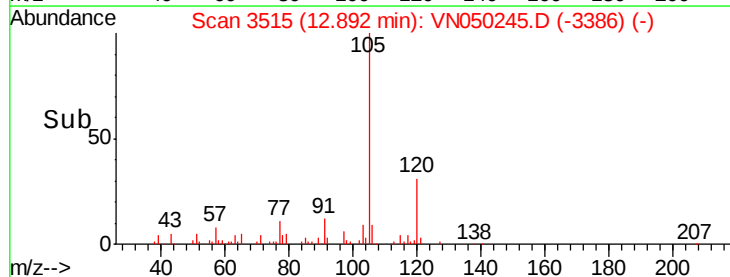
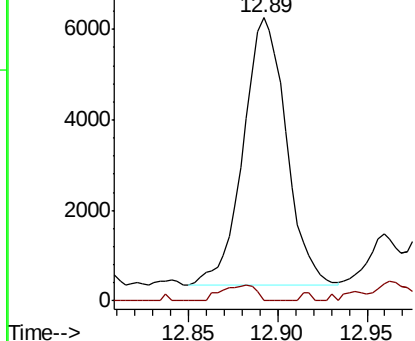


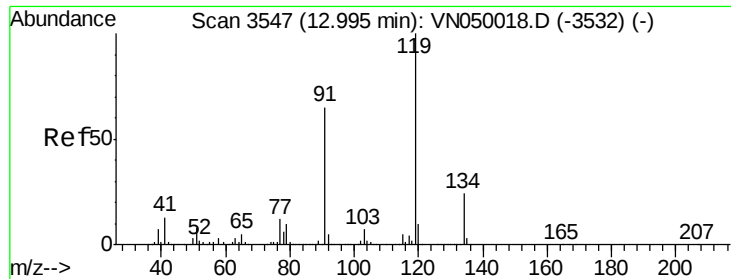
#82
4-Chlorotoluene
Concen: 0.44 ug/l
RT: 12.89 min Scan# 3515
Delta R.T. 0.12 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

Tgt Ion: 91 Resp: 9988
Ion Ratio Lower Upper
91 100
126 4.6 17.0 51.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V

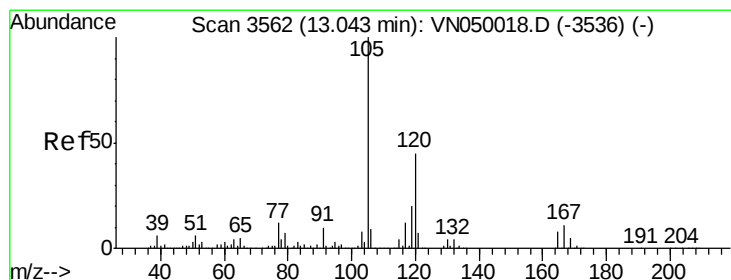
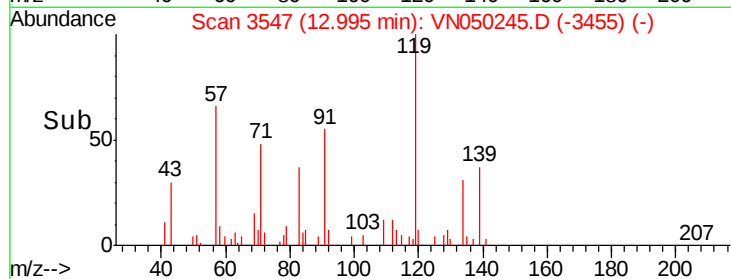
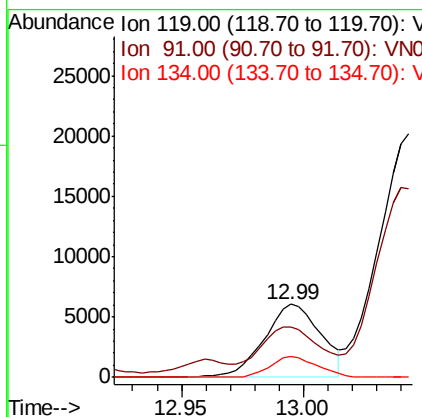
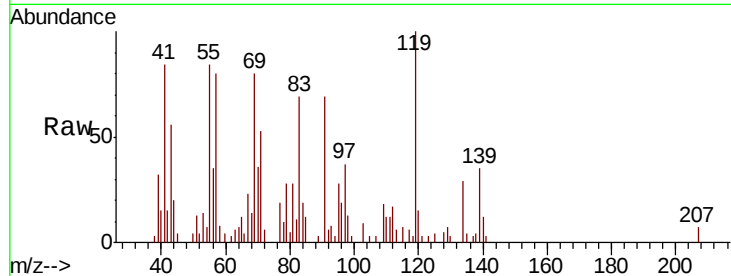




#83
 tert-Butylbenzene
 Concen: 0.43 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050245.D
 Acq: 1 Aug 2018 13:30

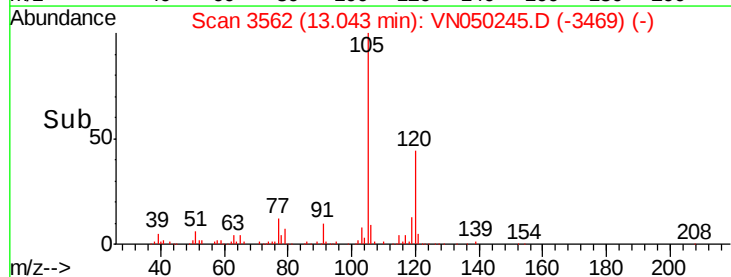
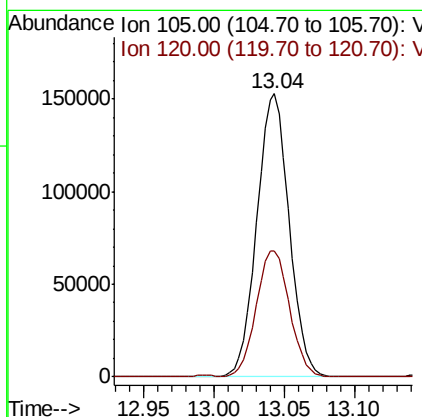
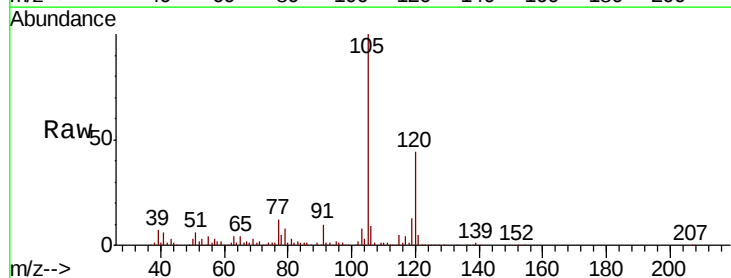
Instrument :
 MSVOA_N
 ClientSampled :

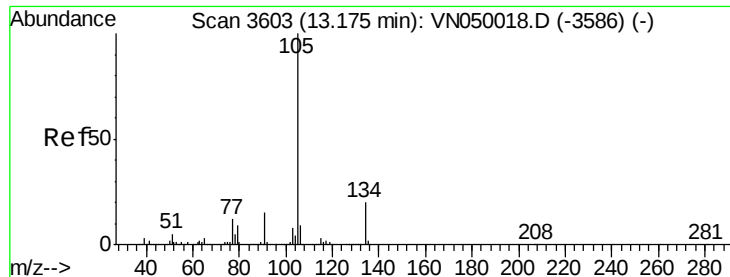
Tot Ion:119 Resp: 9794
 Ion Ratio Lower Upper
 119 100
 91 61.8 32.1 96.3
 134 23.3 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 9.38 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050245.D
 Acq: 1 Aug 2018 13:30

Tgt Ion:105 Resp: 244415
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.9 68.7

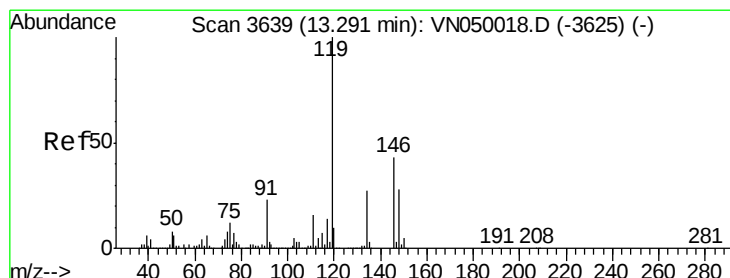
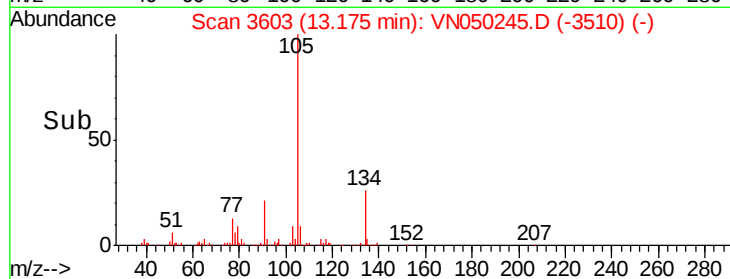
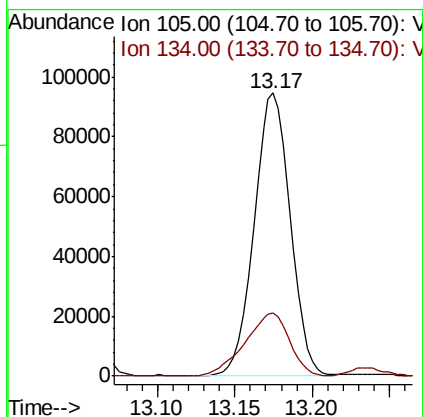
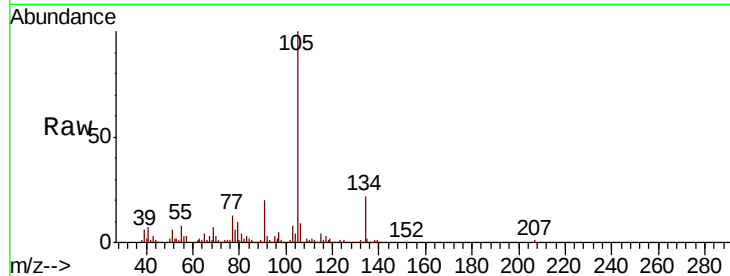




#85
 sec-Butylbenzene
 Concen: 5.06 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN050245.D
 Acq: 1 Aug 2018 13:30

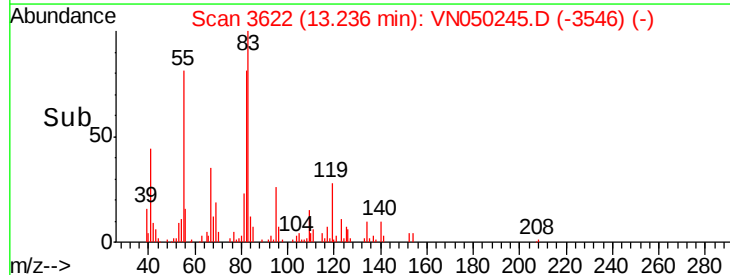
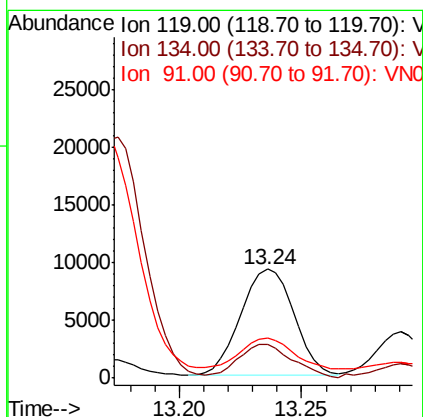
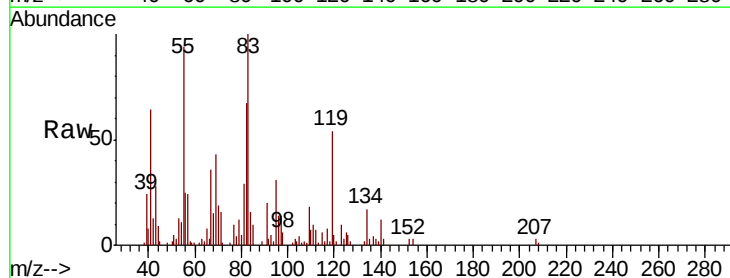
Instrument :
 MSVOA_N
 ClientSampled :

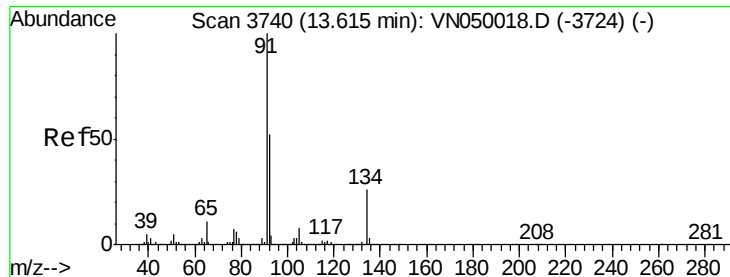
Tot Ion:105 Resp: 152624
 Ion Ratio Lower Upper
 105 100
 134 27.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 0.56 ug/l
 RT: 13.24 min Scan# 3622
 Delta R.T. -0.05 min
 Lab File: VN050245.D
 Acq: 1 Aug 2018 13:30

Tgt Ion:119 Resp: 14140
 Ion Ratio Lower Upper
 119 100
 134 32.4 13.3 39.8
 91 32.4 11.4 34.2

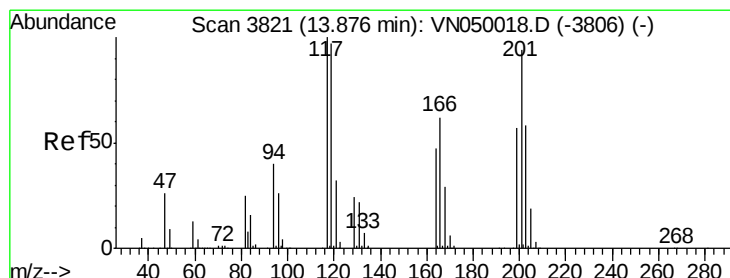
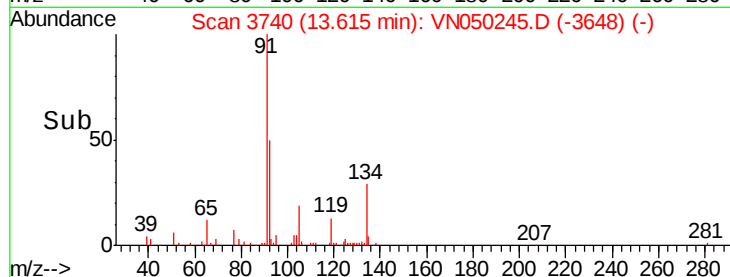
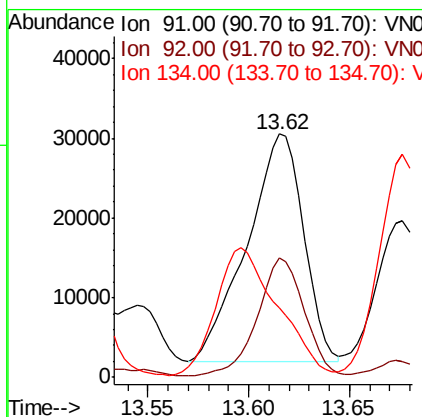
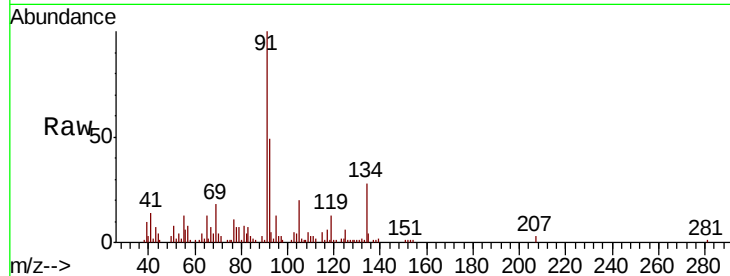




#89
n-Butylbenzene
Concen: 2.66 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

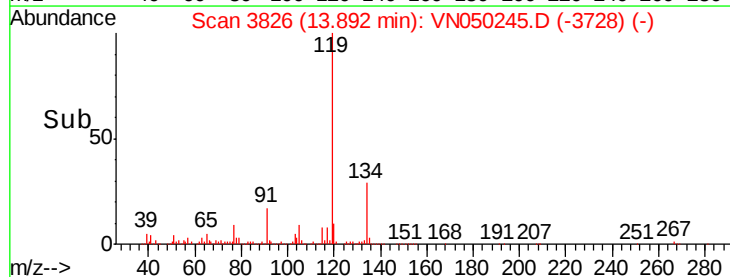
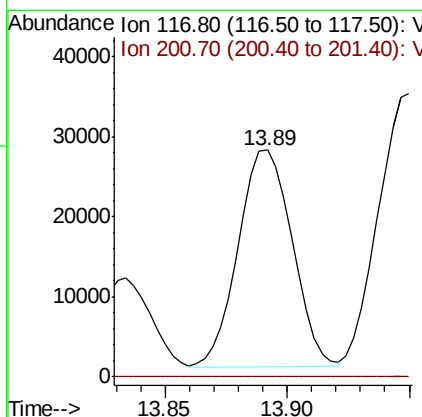
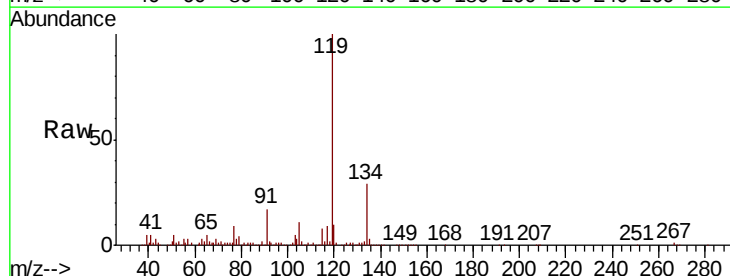
Instrument :
MSVOA_N
ClientSampleId :

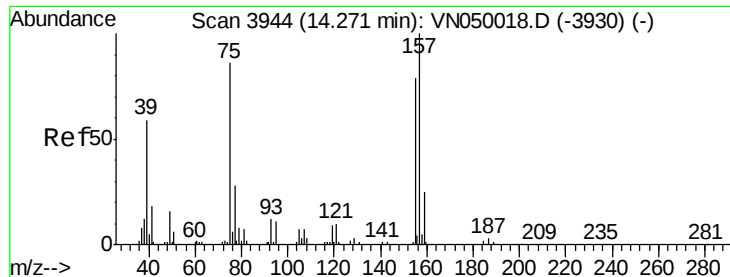
Tot Ion: 91 Resp: 55610
Ion Ratio Lower Upper
91 100
92 42.8 25.8 77.4
134 60.7 12.8 38.4#



#90
Hexachloroethane
Concen: 7.34 ug/l
RT: 13.89 min Scan# 3826
Delta R.T. 0.02 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

Tgt Ion: 117 Resp: 41393
Ion Ratio Lower Upper
117 100
201 0.0 45.6 136.8#

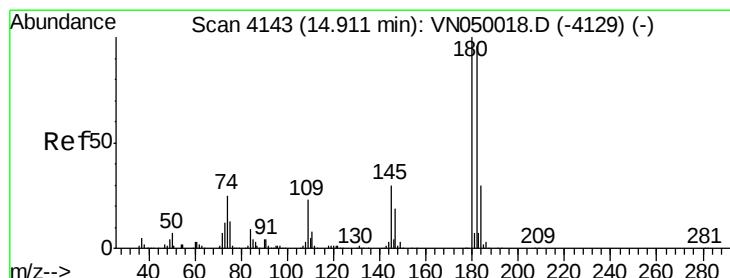
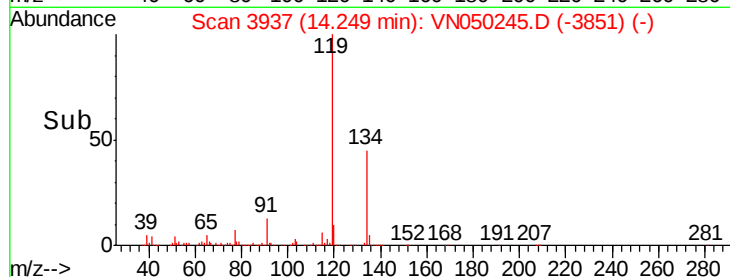
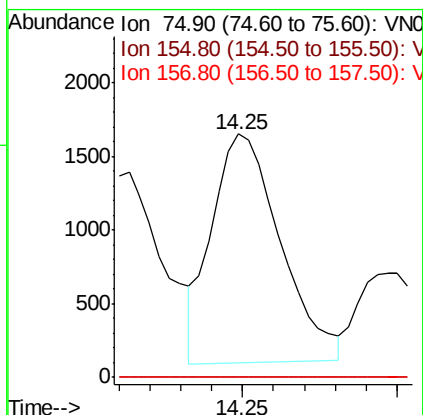
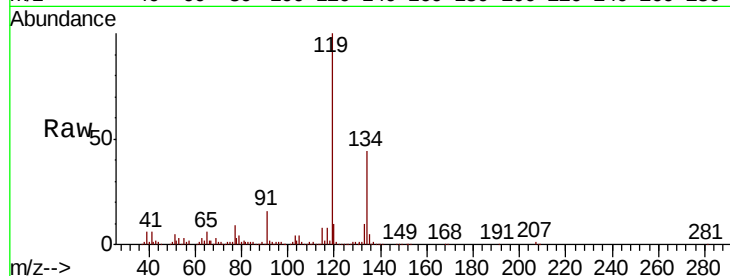




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.84 ug/l
 RT: 14.25 min Scan# 3937
 Delta R.T. -0.02 min
 Lab File: VN050245.D
 Acq: 1 Aug 2018 13:30

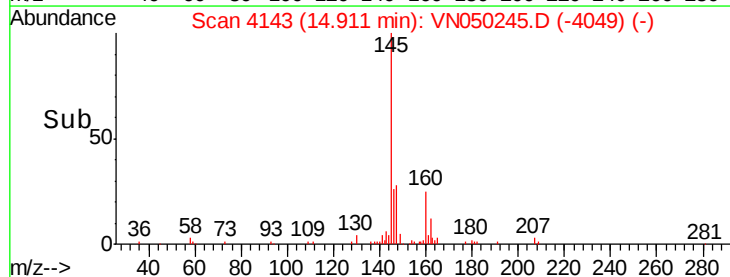
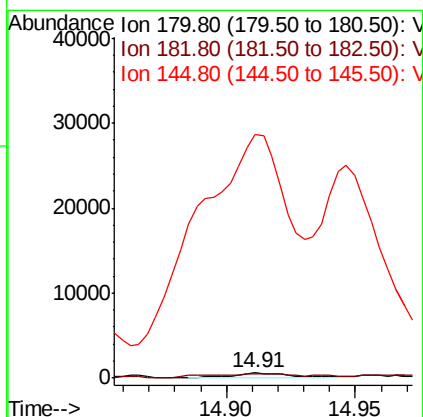
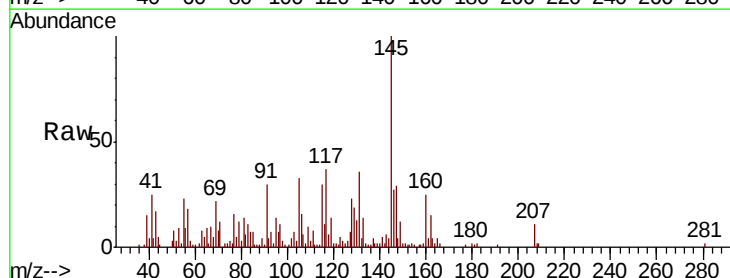
Instrument :
 MSVOA_N
 ClientSampled :

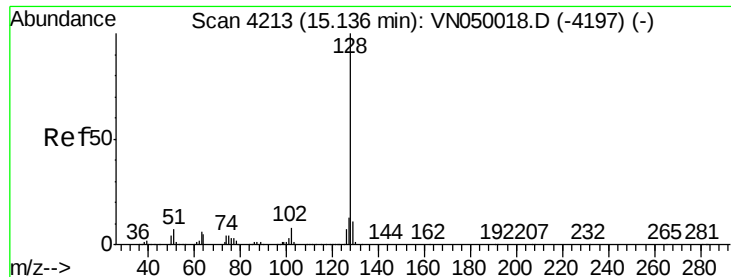
Tot Ion: 75 Resp: 2398
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.8 134.4#
 157 0.0 57.2 171.6#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.21 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050245.D
 Acq: 1 Aug 2018 13:30

Tgt Ion:180 Resp: 1049
 Ion Ratio Lower Upper
 180 100
 182 111.9 46.7 140.1
 145 6382.7 13.8 41.4#

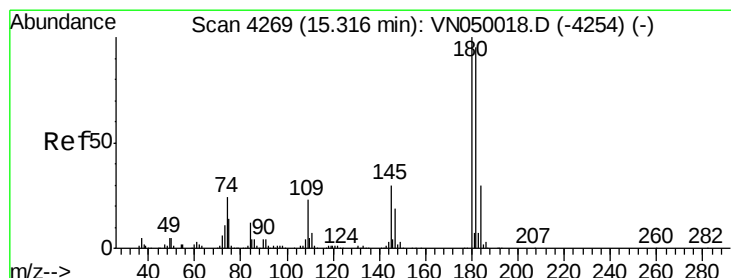
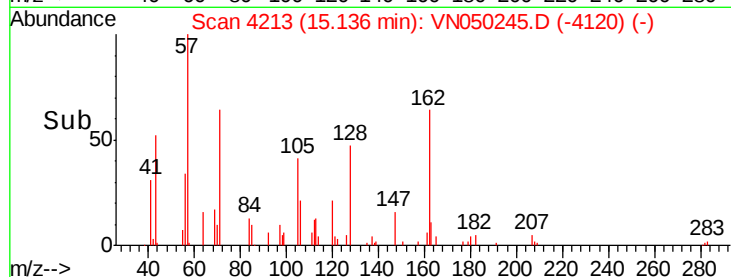
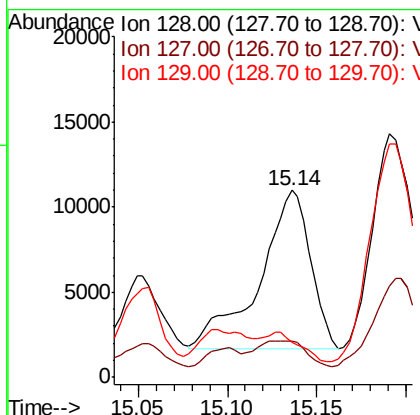
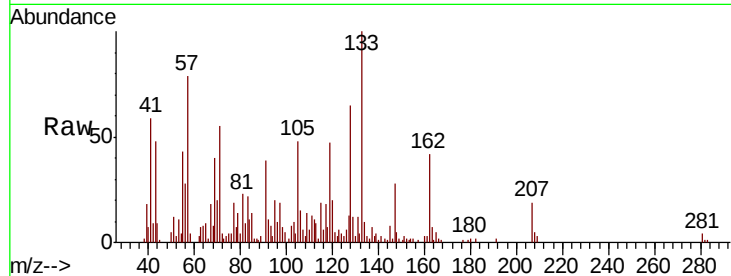




#95
Naphthalene
Concen: 5.28 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 18428
Ion Ratio Lower Upper
128 100
127 15.8 10.4 15.6#
129 0.0 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 2.27 ug/l
RT: 15.33 min Scan# 4272
Delta R.T. 0.01 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

Tgt Ion:180 Resp: 562
Ion Ratio Lower Upper
180 100
182 71.0 48.1 144.4
145 0.0 15.3 45.9#

