

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080818\
 Data File : VN050452.D
 Acq On : 8 Aug 2018 12:17
 Operator : MD\SY
 Sample : VN0808MBL01
 Misc : 5.00uL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808MBL01

Quant Time: Aug 08 14:36:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	891839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1351788	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1150577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	464657	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	545005	45.74	ug/l	0.00
Spiked Amount			Recovery	=	91.48%	
35) Dibromofluoromethane	7.59	113	500580	46.15	ug/l	0.00
Spiked Amount			Recovery	=	92.30%	
50) Toluene-d8	10.09	98	1856141	45.51	ug/l	0.00
Spiked Amount			Recovery	=	91.02%	
62) 4-Bromofluorobenzene	12.40	95	559447	40.25	ug/l	0.00
Spiked Amount			Recovery	=	80.50%	

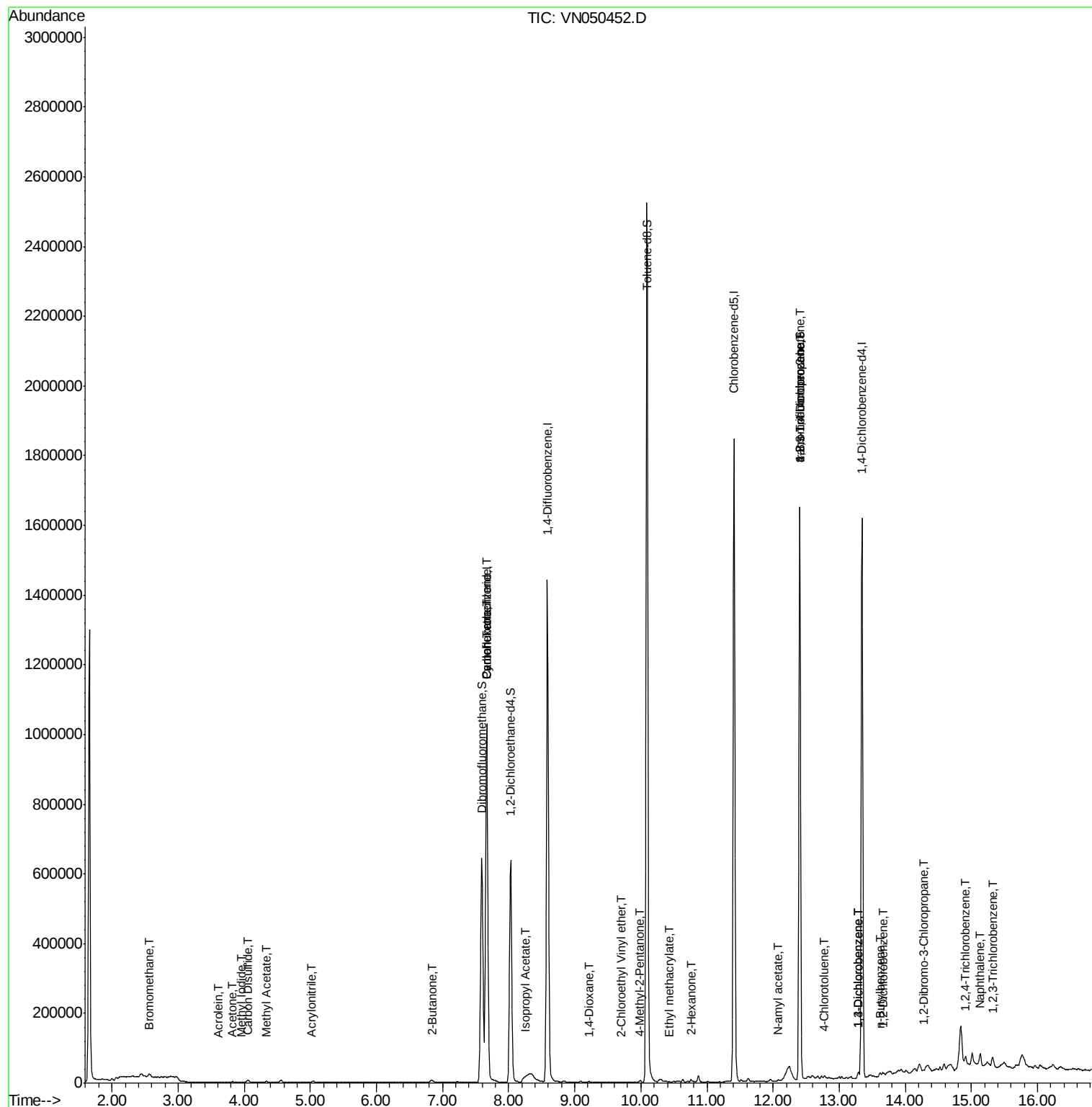
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	4132	Below Cal		96
5) Bromomethane	2.57	94	6162	1.16 ug/l		97
10) Methyl Iodide	3.95	142	2353	0.52 ug/l	#	44
13) Acrolein	3.61	56	432	15.36 ug/l	#	1
15) Acrylonitrile	5.01	53	2137	0.53 ug/l	#	75
16) Acetone	3.83	43	2907	0.46 ug/l	#	83
17) Carbon Disulfide	4.06	76	13362	0.43 ug/l	#	94
18) Methyl Acetate	4.34	43	6144	0.47 ug/l	#	81
20) Methylene Chloride	4.55	84	4783	Below Cal	#	79
25) 2-Butanone	6.84	43	1433	0.24 ug/l		93
31) Cyclohexane	7.66	56	15988	0.31 ug/l	#	1
38) Carbon Tetrachloride	7.67	117	77581	5.01 ug/l	#	16
43) Isopropyl Acetate	8.24	43	12220	0.66 ug/l	#	61
49) 1,4-Dioxane	9.21	88	360	2.52 ug/l	#	15
51) 4-Methyl-2-Pentanone	9.99	43	3275	0.25 ug/l	#	84
56) Ethyl methacrylate	10.43	69	680	1.75 ug/l	#	72
58) 2-Chloroethyl Vinyl ether	9.70	63	651	7.48 ug/l	#	48
59) 2-Hexanone	10.76	43	4217	0.45 ug/l		88
74) N-amyl acetate	12.07	43	2274	0.20 ug/l	#	68
76) 1,2,3-Trichloropropane	12.40	75	269485	32.04 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.40	75	269485	112.58 ug/l	#	13
82) 4-Chlorotoluene	12.77	91	5320	0.22 ug/l		95
87) 1,3-Dichlorobenzene	13.28	146	4547	0.27 ug/l		96
88) 1,4-Dichlorobenzene	13.28	146	4547	0.27 ug/l		95
89) n-Butylbenzene	13.62	91	6236	0.26 ug/l		93
91) 1,2-Dichlorobenzene	13.65	146	4865	0.29 ug/l		96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	649	0.38 ug/l		77
93) 1,2,4-Trichlorobenzene	14.91	180	7845	0.92 ug/l		92
94) Hexachlorobutadiene	15.01	225	5718	Below Cal		95
95) Naphthalene	15.14	128	28947	4.81 ug/l	#	96
96) 1,2,3-Trichlorobenzene	15.31	180	10665	1.24 ug/l		92

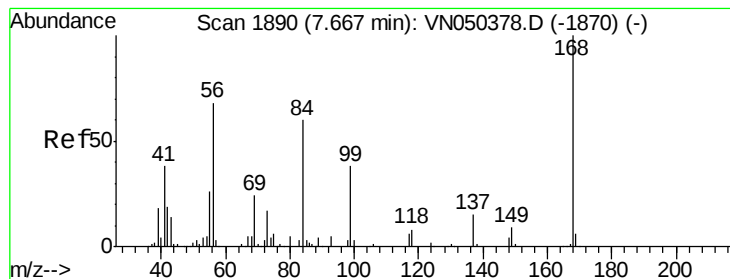
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050452.D

Acq: 8 Aug 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

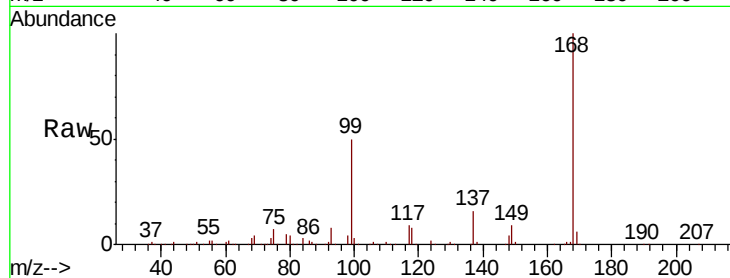
VN0808MBL01

Tot Ion:168 Resp: 891839

Ion Ratio Lower Upper

168 100

99 50.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050378.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050378.D (-1870) (-)

7.67

400000

300000

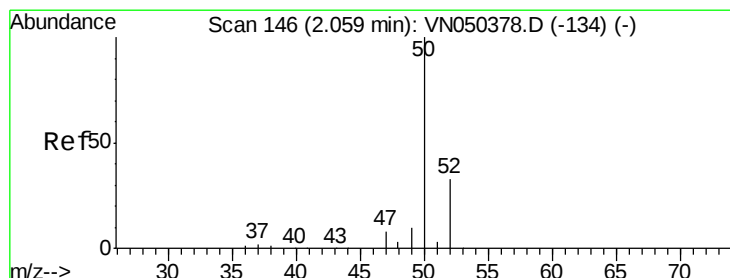
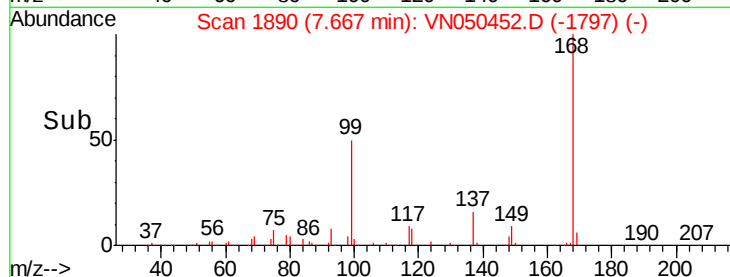
200000

100000

0

7.60 7.70 7.80

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN050452.D

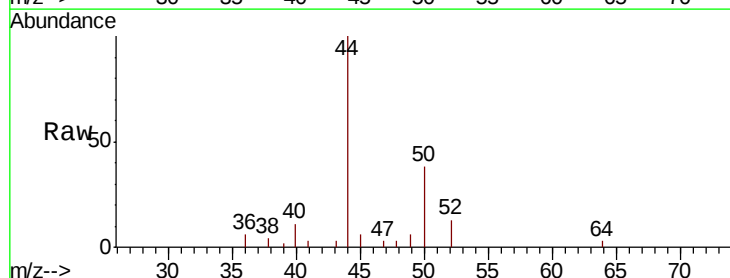
Acq: 8 Aug 2018 12:17

Tgt Ion: 50 Resp: 4132

Ion Ratio Lower Upper

50 100

52 34.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN050378.D (-134) (-)

Ion 51.90 (51.60 to 52.60): VN050378.D (-134) (-)

2.06

3000

2500

2000

1500

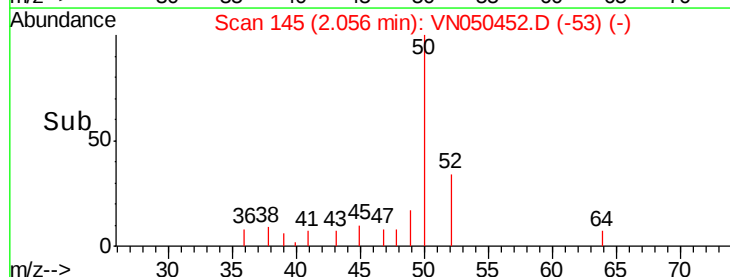
1000

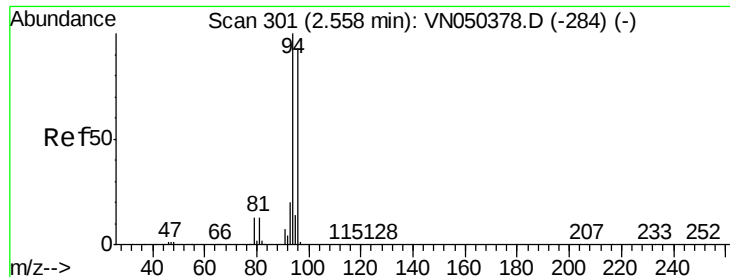
500

0

2.05 2.10

Time-->





#5

Bromomethane

Concen: 1.16 ug/l

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN050452.D

Acq: 8 Aug 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

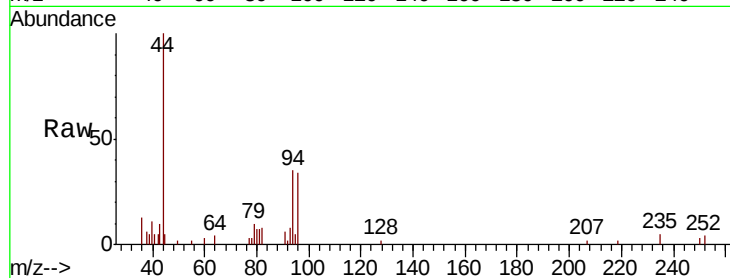
VN0808MBL01

Tot Ion: 94 Resp: 6162

Ion Ratio Lower Upper

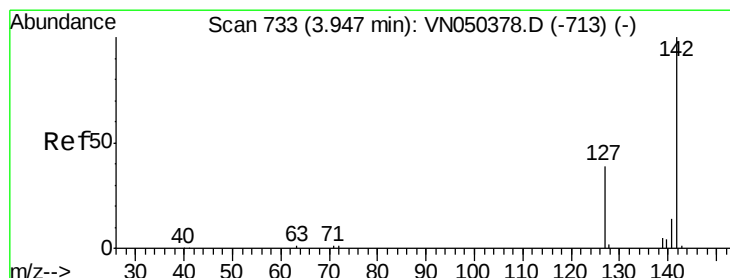
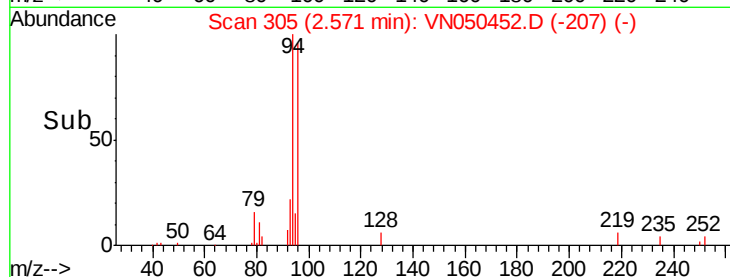
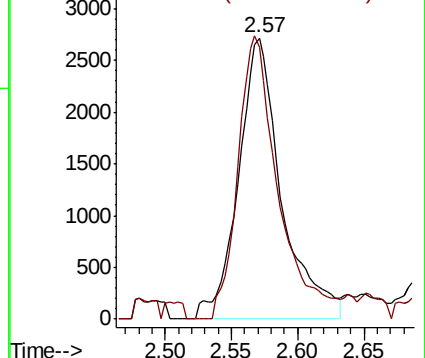
94 100

96 96.4 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN050378.D (-284) (-)

Ion 95.90 (95.60 to 96.60): VN050378.D (-284) (-)



#10

Methyl Iodide

Concen: 0.52 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN050452.D

Acq: 8 Aug 2018 12:17

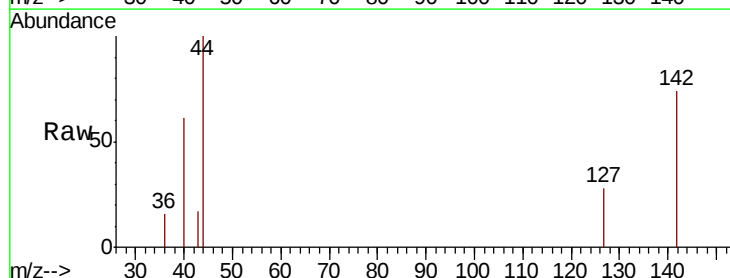
Tgt Ion: 142 Resp: 2353

Ion Ratio Lower Upper

142 100

127 0.0 33.4 50.2#

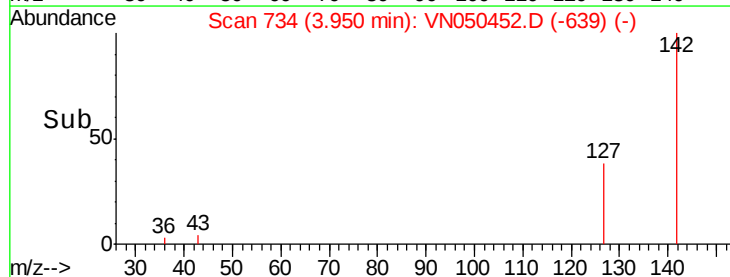
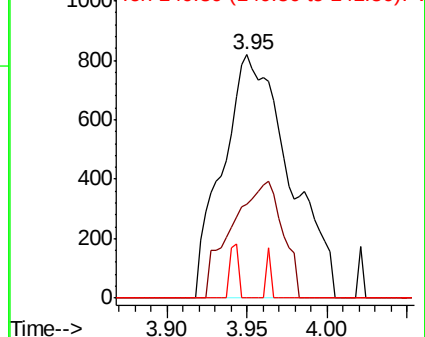
141 2.9 11.6 17.4#

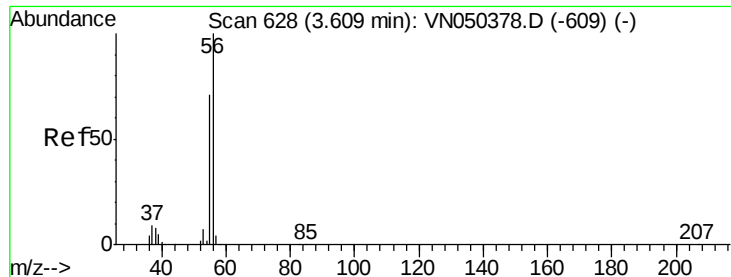


Abundance Ion 141.80 (141.50 to 142.50): VN050378.D (-713) (-)

Ion 126.80 (126.50 to 127.50): VN050378.D (-713) (-)

Ion 140.80 (140.50 to 141.50): VN050378.D (-713) (-)





#13

Acrolein

Concen: 15.36 ug/l

RT: 3.61 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN050452.D

Acq: 8 Aug 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

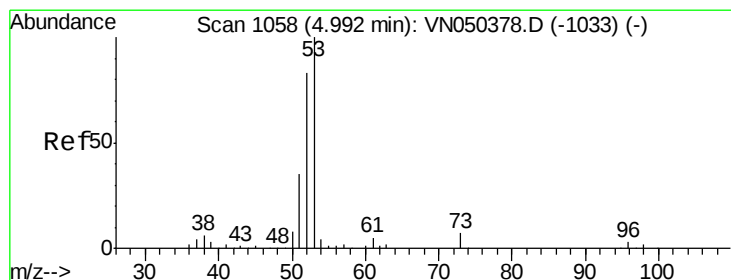
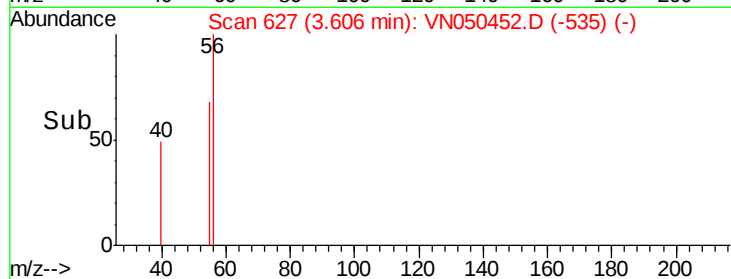
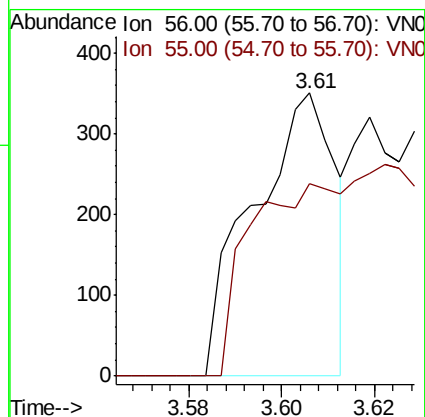
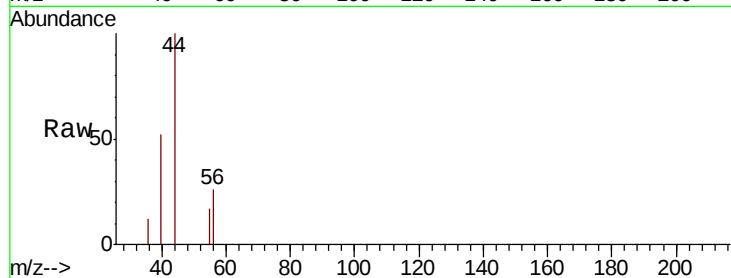
VN0808MBL01

Tot Ion: 56 Resp: 432

Ion Ratio Lower Upper

56 100

55 163.4 55.8 83.6#



#15

Acrylonitrile

Concen: 0.53 ug/l

RT: 5.01 min Scan# 1064

Delta R.T. 0.02 min

Lab File: VN050452.D

Acq: 8 Aug 2018 12:17

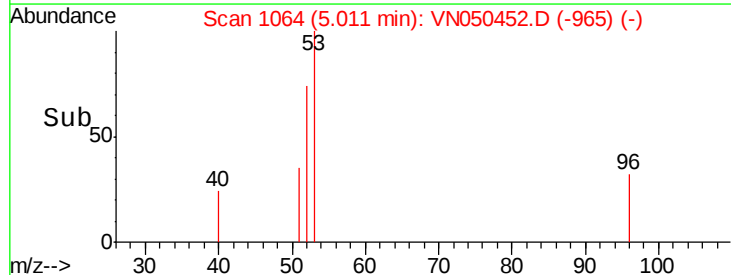
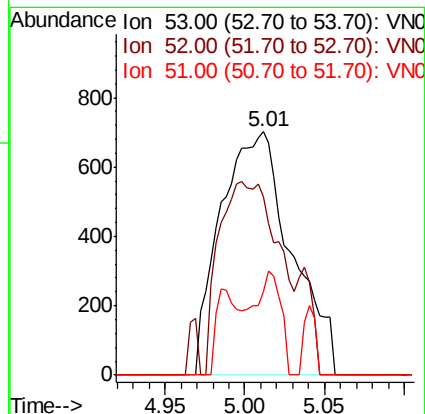
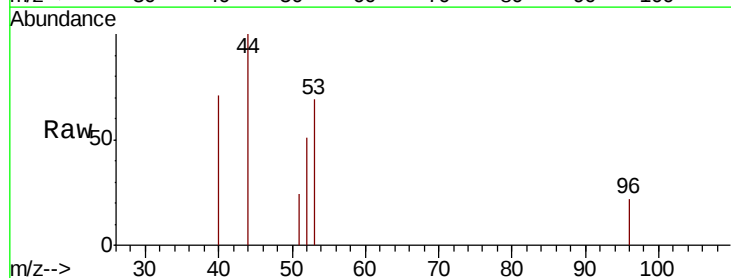
Tgt Ion: 53 Resp: 2137

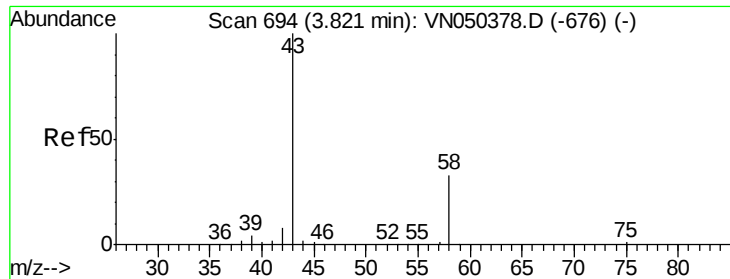
Ion Ratio Lower Upper

53 100

52 66.7 66.2 99.2

51 12.9 29.3 43.9#





#16

Acetone

Concen: 0.46 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050452.D

Acq: 8 Aug 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

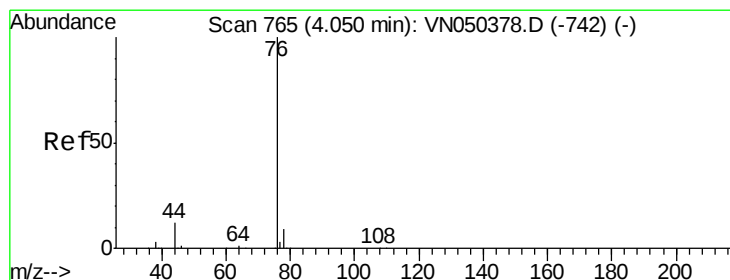
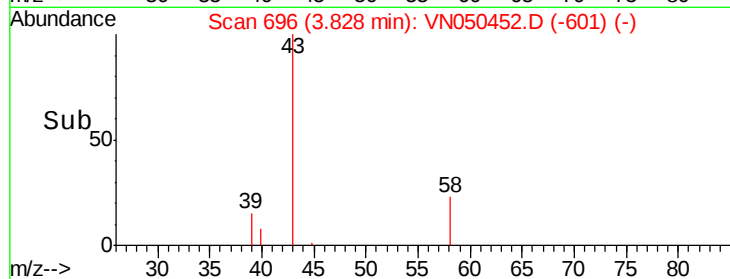
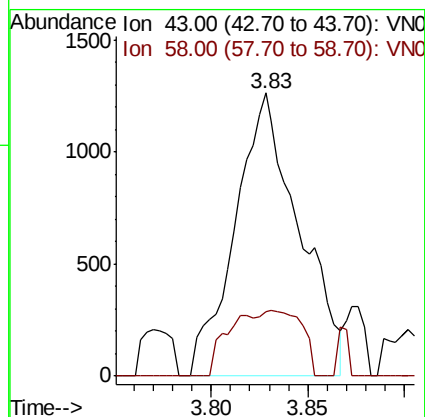
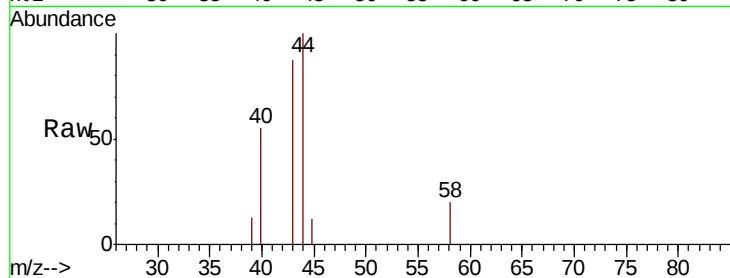
VN0808MBL01

Tot Ion: 43 Resp: 2907

Ion Ratio Lower Upper

43 100

58 22.8 25.8 38.8#



#17

Carbon Disulfide

Concen: 0.43 ug/l

RT: 4.06 min Scan# 767

Delta R.T. 0.01 min

Lab File: VN050452.D

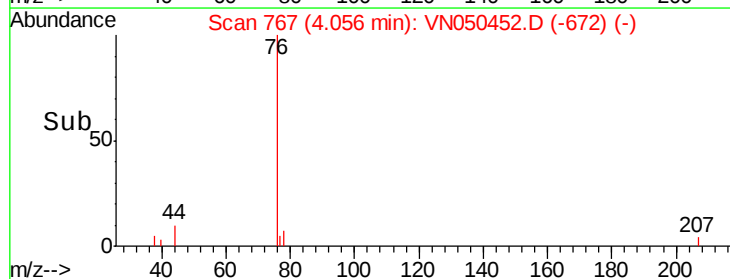
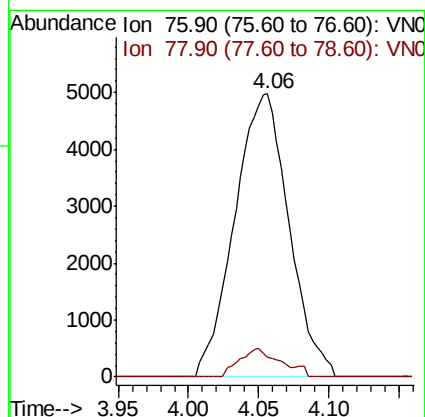
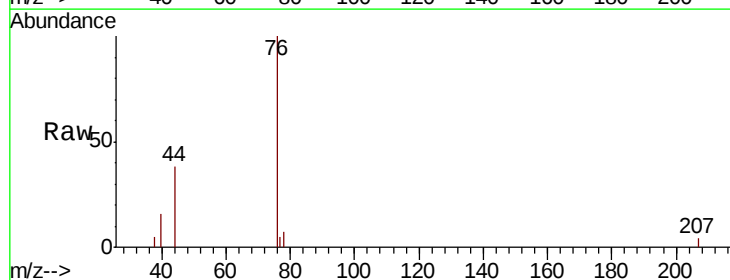
Acq: 8 Aug 2018 12:17

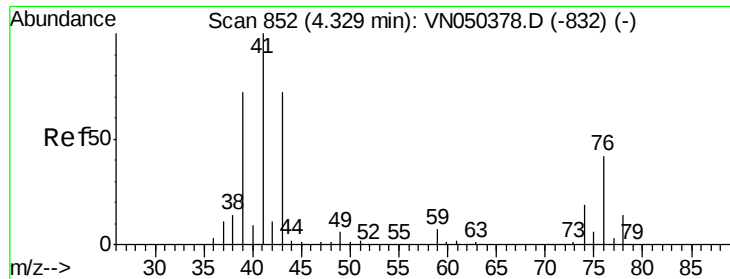
Tgt Ion: 76 Resp: 13362

Ion Ratio Lower Upper

76 100

78 6.9 7.3 10.9#

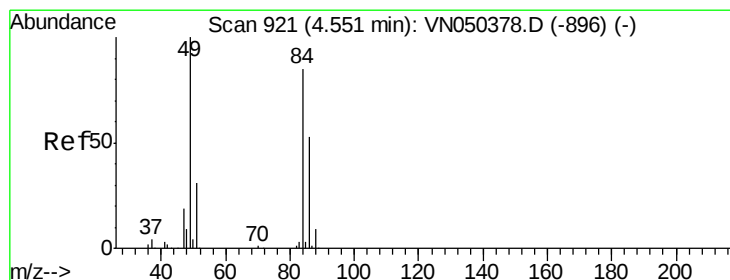
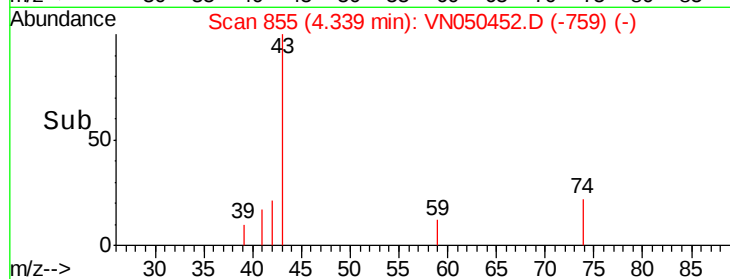
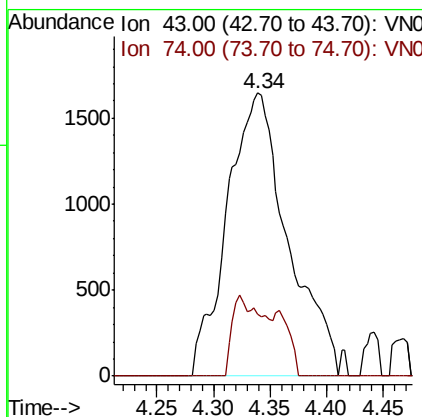
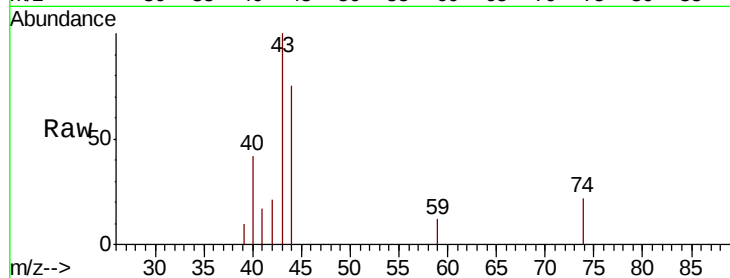




#18
Methyl Acetate
Concen: 0.47 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050452.D
Acq: 8 Aug 2018 12:17

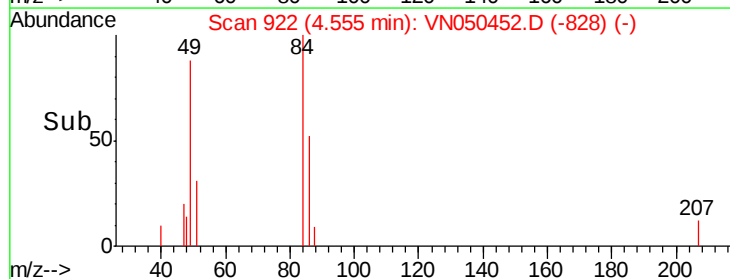
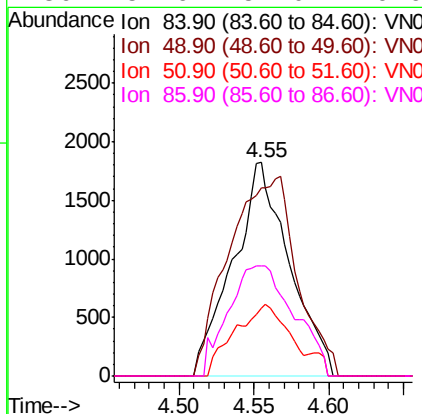
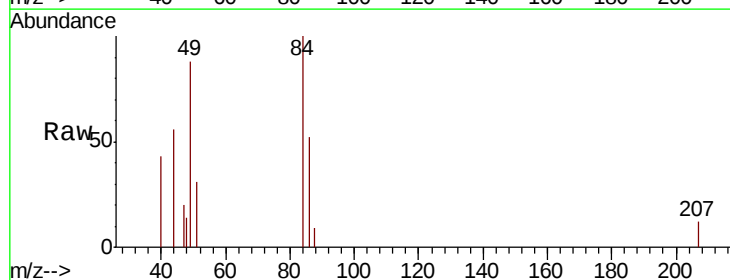
Instrument :
MSVOA_N
ClientSampleId :
VN0808MBL01

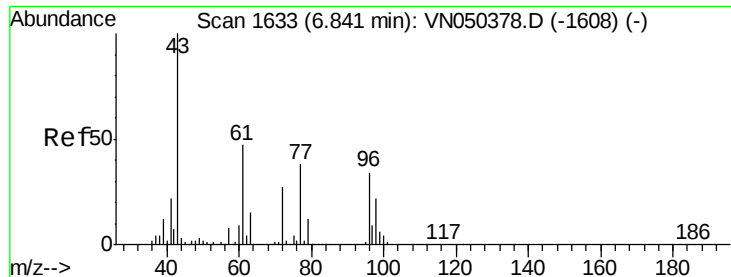
Tot Ion: 43 Resp: 6144
Ion Ratio Lower Upper
43 100
74 14.8 19.2 28.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050452.D
Acq: 8 Aug 2018 12:17

Tgt Ion: 84 Resp: 4783
Ion Ratio Lower Upper
84 100
49 88.0 94.8 142.2#
51 31.5 28.3 42.5
86 51.6 51.0 76.6

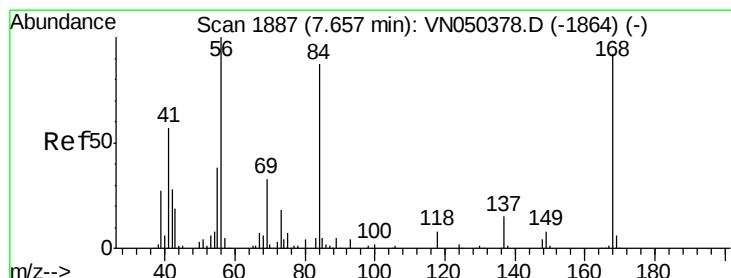
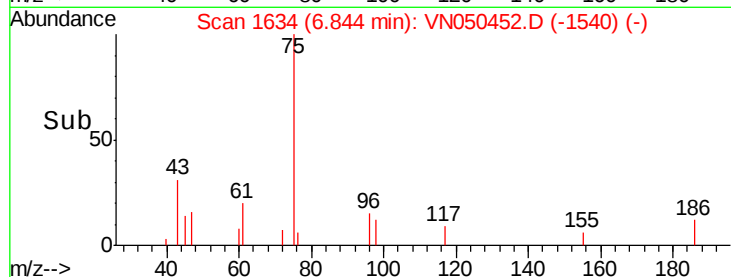
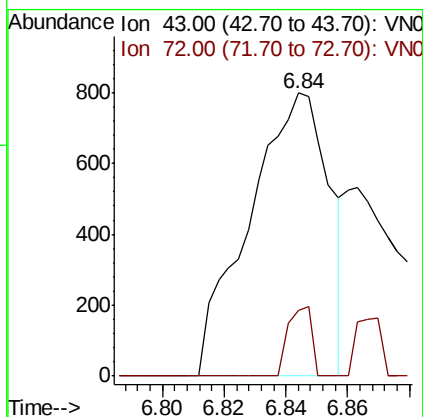
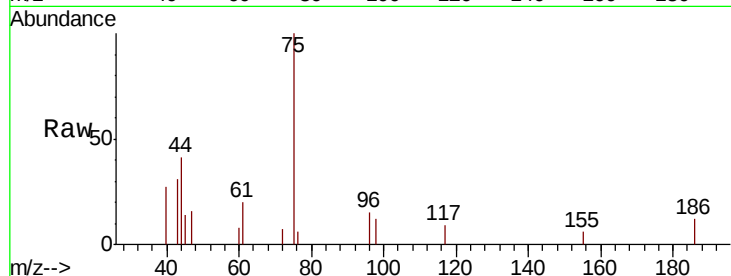




#25
2-Butanone
Concen: 0.24 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN050452.D
Acq: 8 Aug 2018 12:17

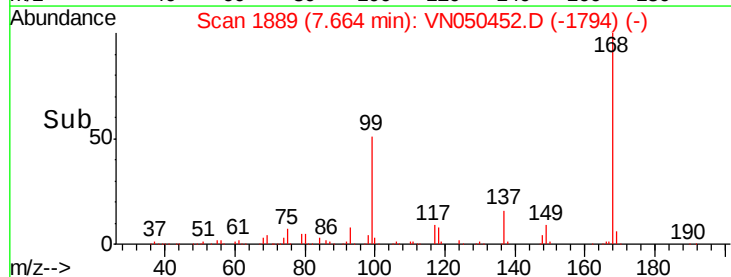
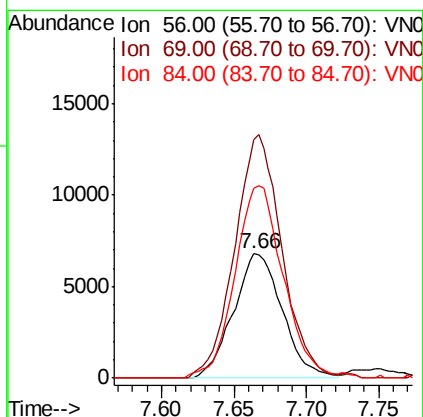
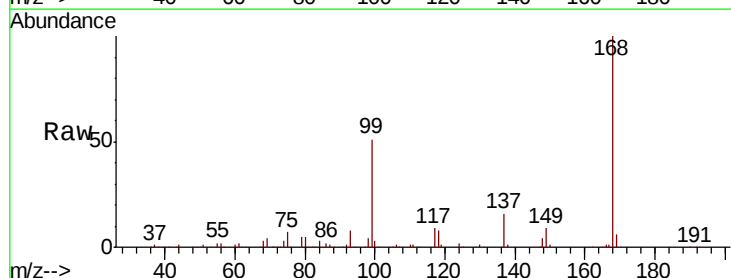
Instrument :
MSVOA_N
ClientSampleId :
VN0808MBL01

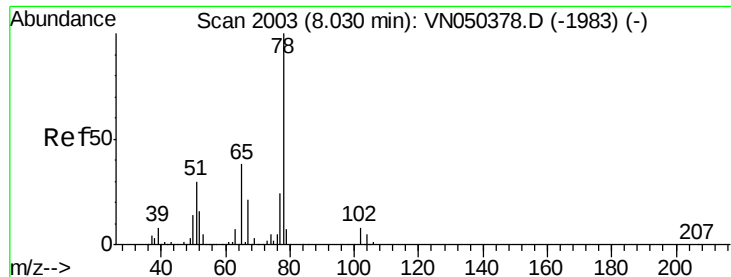
Tot Ion: 43 Resp: 1433
Ion Ratio Lower Upper
43 100
72 23.1 21.5 32.3



#31
Cyclohexane
Concen: 0.31 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN050452.D
Acq: 8 Aug 2018 12:17

Tgt Ion: 56 Resp: 15988
Ion Ratio Lower Upper
56 100
69 191.5 26.2 39.4#
84 149.4 67.4 101.0#





#33

1,2-Dichloroethane-d4

Concen: 45.74 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050452.D

Acq: 8 Aug 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

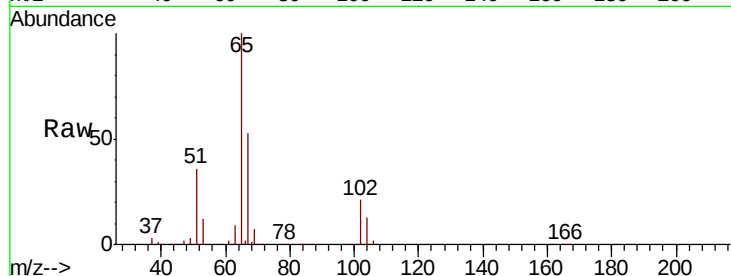
VN0808MBL01

Tot Ion: 65 Resp: 545005

Ion Ratio Lower Upper

65 100

67 53.2 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

250000

200000

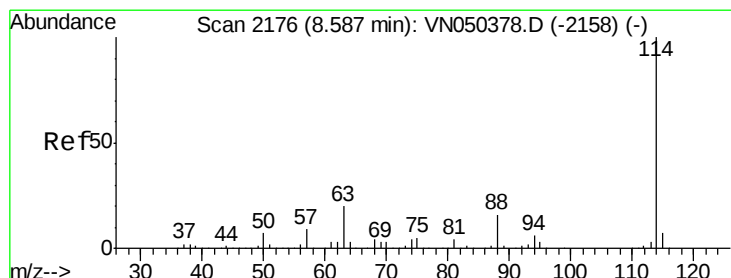
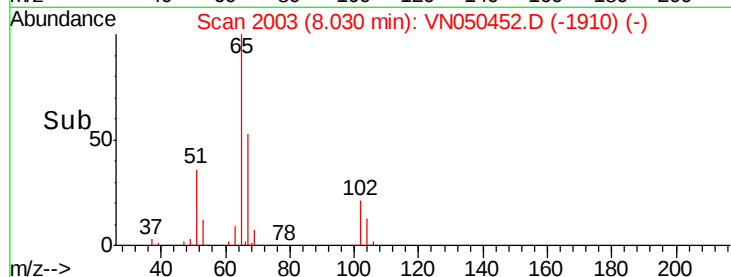
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN050452.D

Acq: 8 Aug 2018 12:17

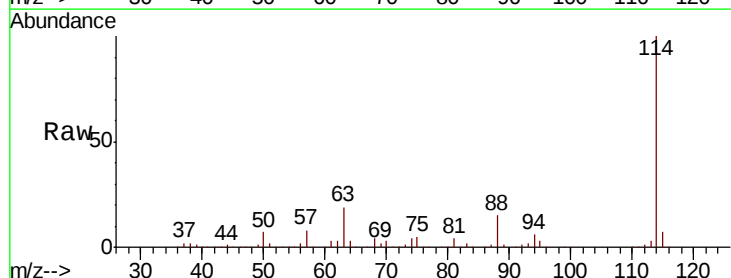
Tgt Ion: 114 Resp: 1351788

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

88 15.5 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

800000

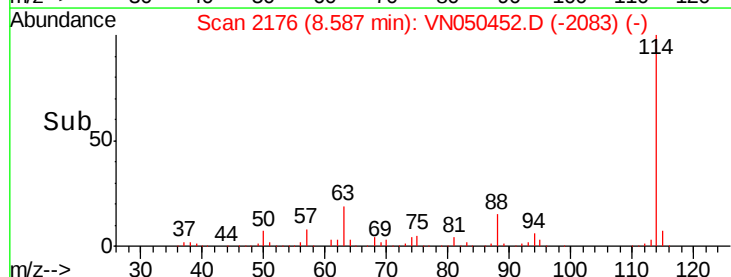
600000

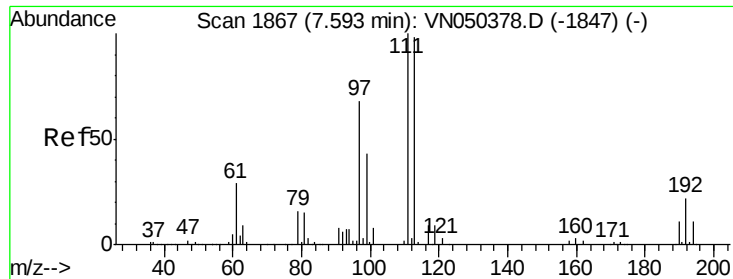
400000

200000

0

Time--> 8.50 8.60 8.70 8.80

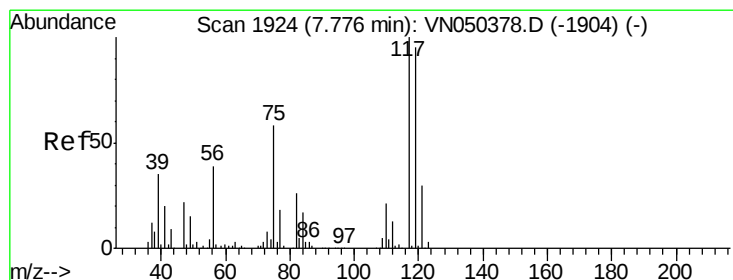
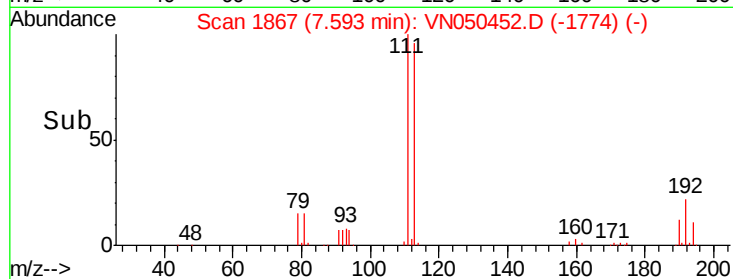
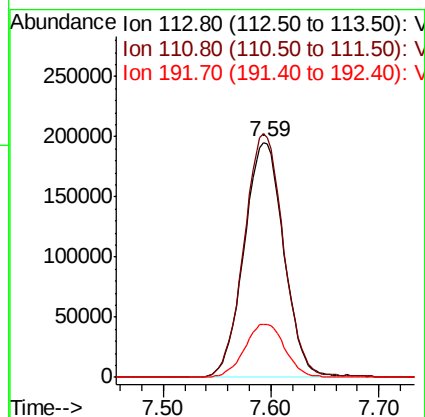
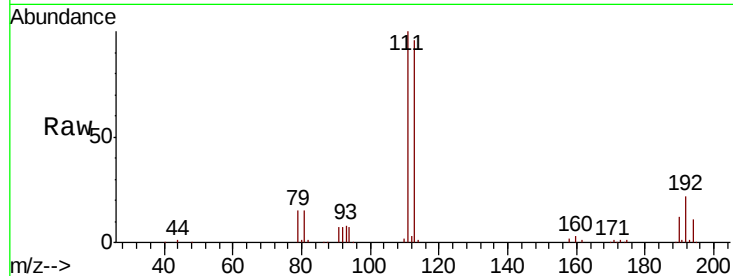




#35
Dibromofluoromethane
Concen: 46.15 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050452.D
Acq: 8 Aug 2018 12:17

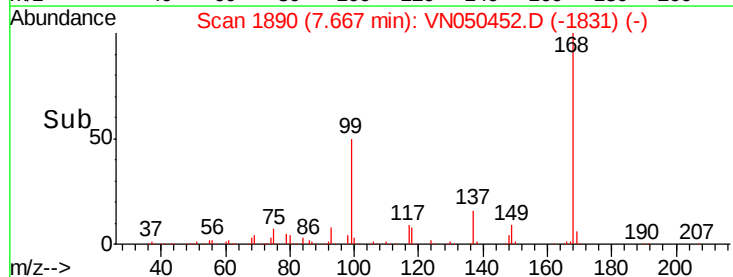
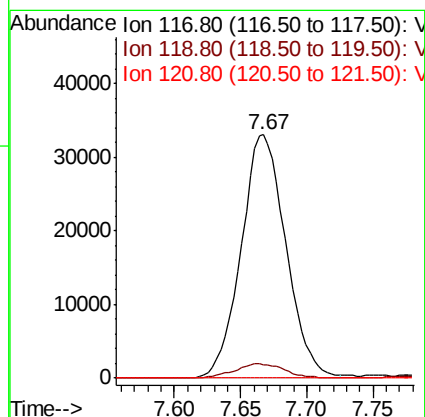
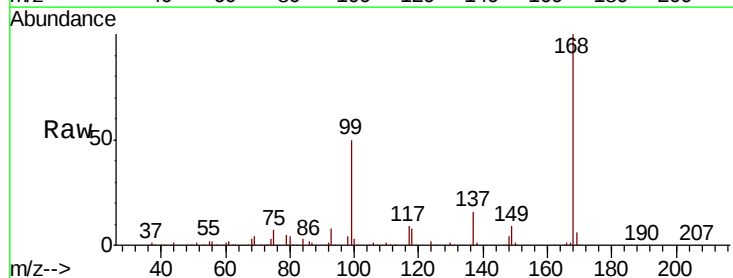
Instrument :
MSVOA_N
ClientSampleId :
VN0808MBL01

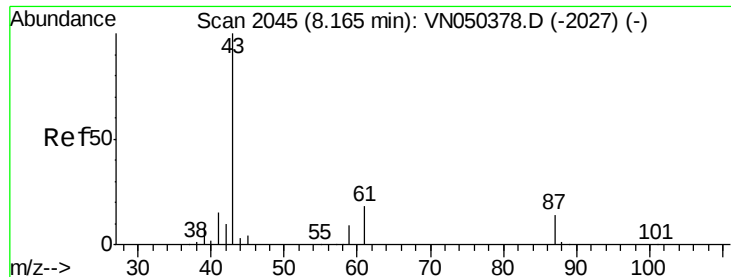
Tot Ion:113 Resp: 500580
Ion Ratio Lower Upper
113 100
111 103.4 80.7 121.1
192 22.9 17.8 26.6



#38
Carbon Tetrachloride
Concen: 5.01 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN050452.D
Acq: 8 Aug 2018 12:17

Tgt Ion:117 Resp: 77581
Ion Ratio Lower Upper
117 100
119 5.7 77.4 116.0#
121 0.0 23.9 35.9#





#43

Isopropyl Acetate

Concen: 0.66 ug/l

RT: 8.24 min Scan# 2068

Delta R.T. 0.07 min

Lab File: VN050452.D

Acq: 8 Aug 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0808MBL01

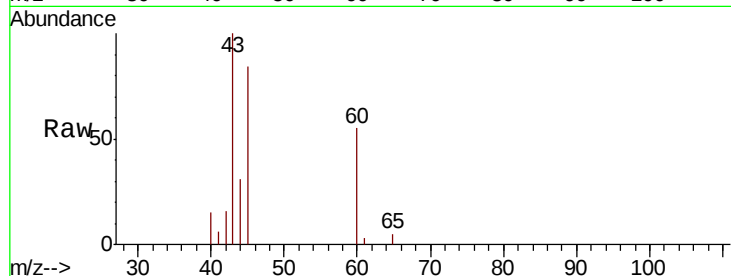
Tot Ion: 43 Resp: 12220

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.6#

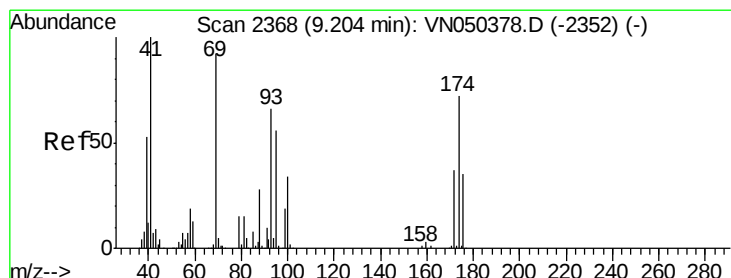
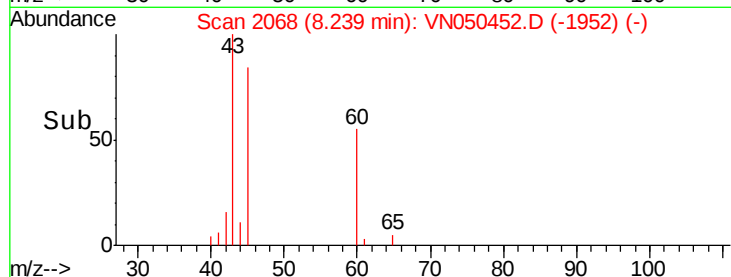
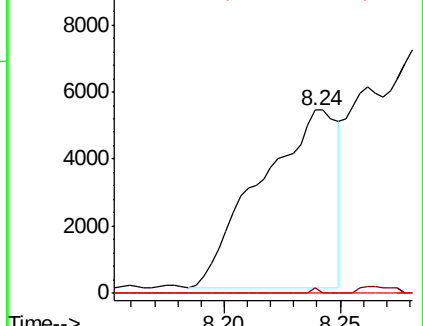
87 0.0 10.3 15.5#



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



#49

1,4-Dioxane

Concen: 2.52 ug/l

RT: 9.21 min Scan# 2371

Delta R.T. 0.01 min

Lab File: VN050452.D

Acq: 8 Aug 2018 12:17

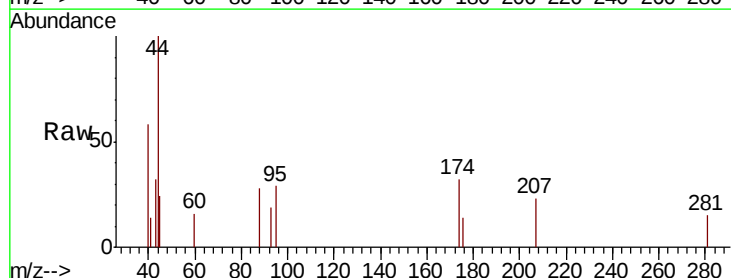
Tgt Ion: 88 Resp: 360

Ion Ratio Lower Upper

88 100

43 80.0 26.9 40.3#

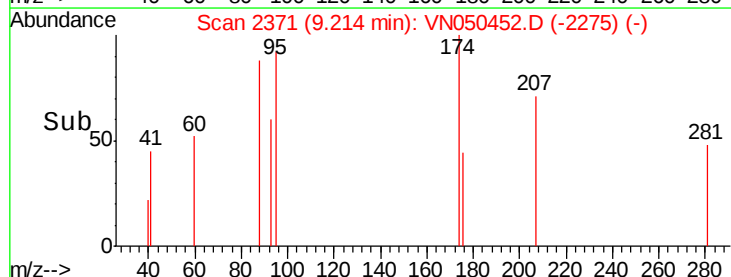
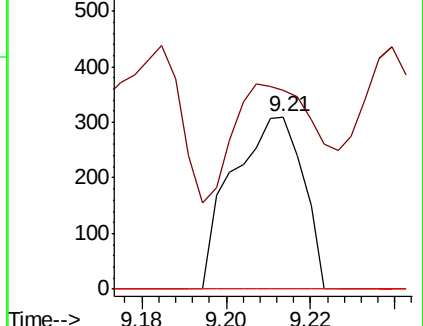
58 0.0 57.3 85.9#

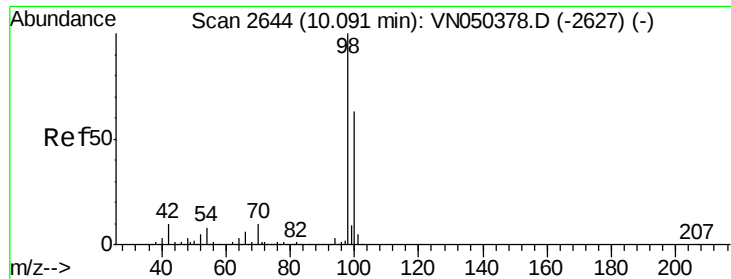


Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

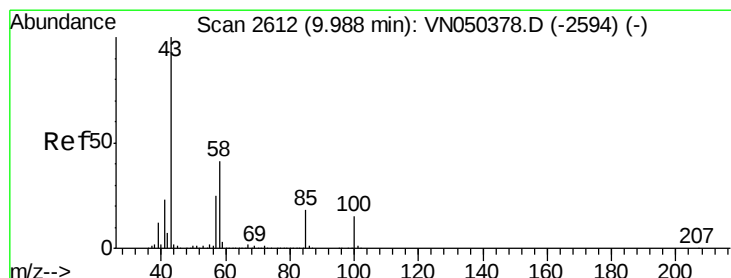
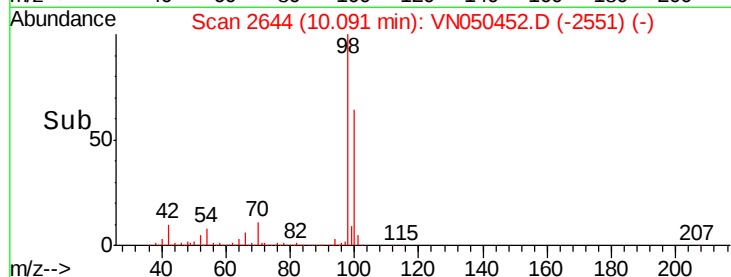
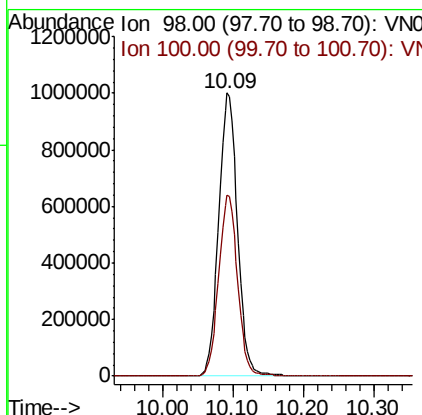
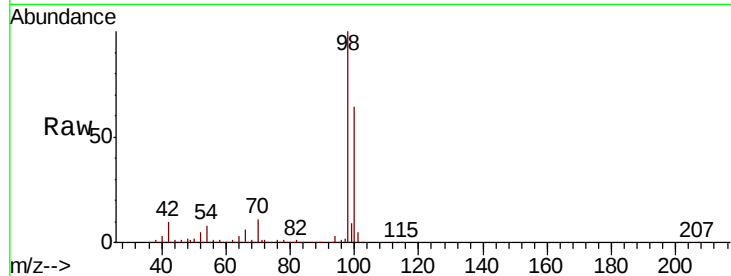




#50
Toluene-d8
Concen: 45.51 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050452.D
Acq: 8 Aug 2018 12:17

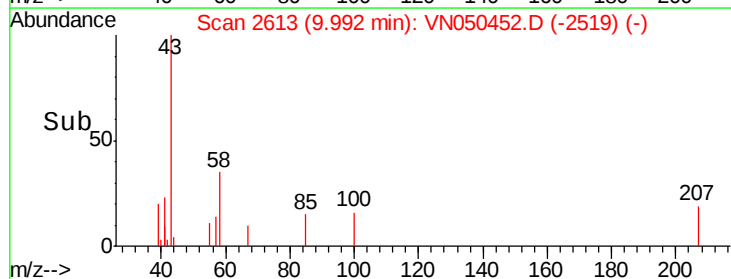
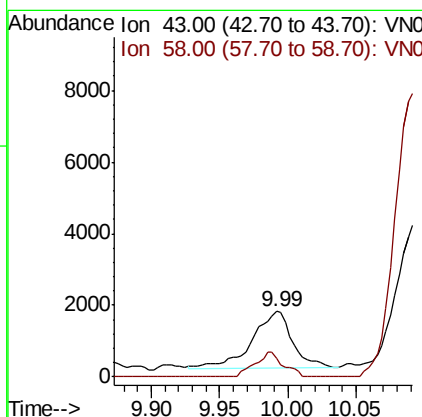
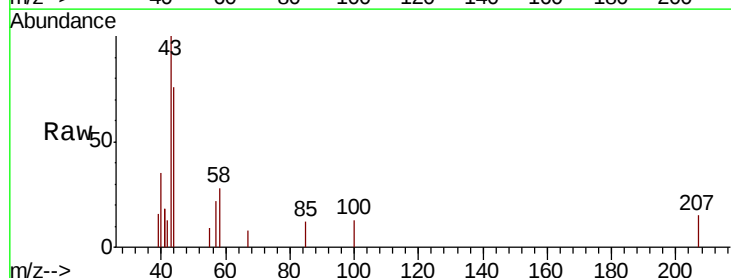
Instrument :
MSVOA_N
ClientSampleId :
VN0808MBL01

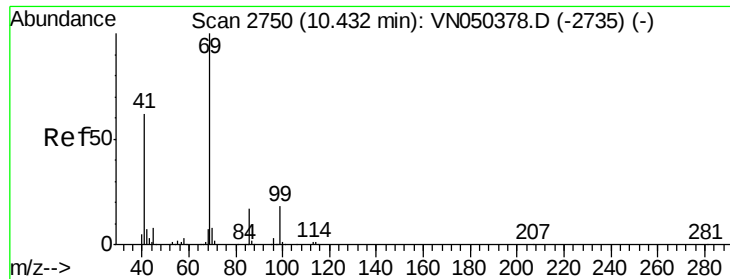
Tot Ion: 98 Resp: 1856141
Ion Ratio Lower Upper
98 100
100 64.3 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.25 ug/l
RT: 9.99 min Scan# 2613
Delta R.T. 0.00 min
Lab File: VN050452.D
Acq: 8 Aug 2018 12:17

Tgt Ion: 43 Resp: 3275
Ion Ratio Lower Upper
43 100
58 30.3 31.9 47.9#





#56

Ethyl methacrylate

Concen: 1.75 ug/l

RT: 10.43 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VN050452.D

Acq: 8 Aug 2018 12:17

Instrument :

MSVOA_N

ClientSampled :

VN0808MBL01

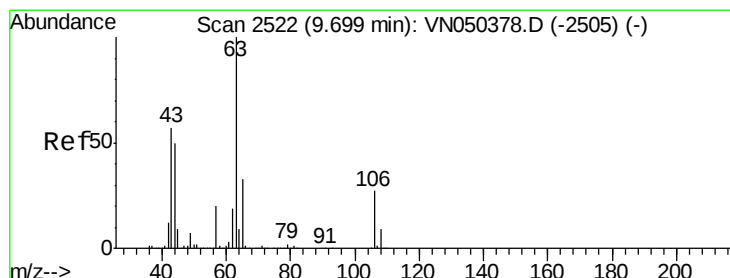
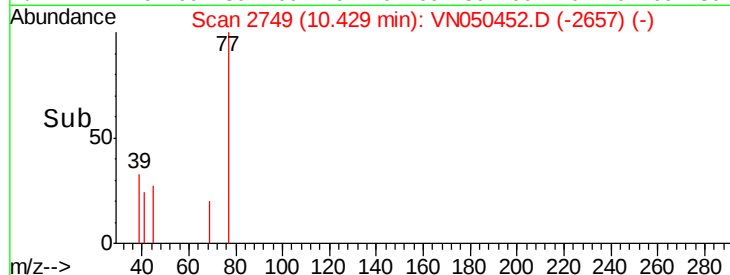
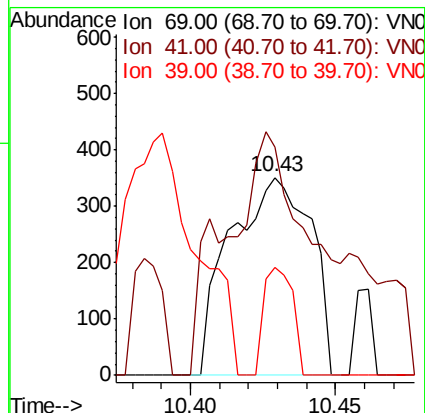
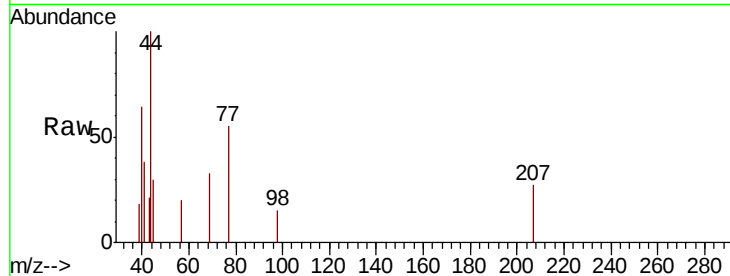
Tot Ion: 69 Resp: 680

Ion Ratio Lower Upper

69 100

41 40.4 51.0 76.4#

39 19.6 26.6 40.0#



#58

2-Chloroethyl Vinyl ether

Concen: 7.48 ug/l

RT: 9.70 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VN050452.D

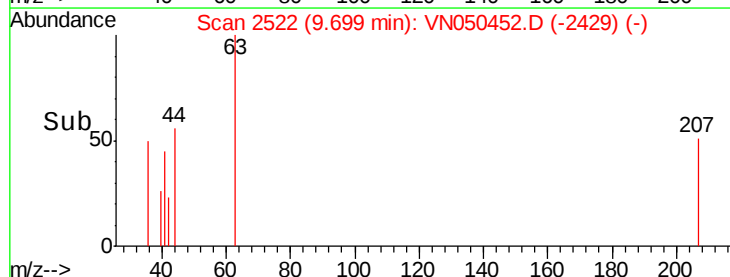
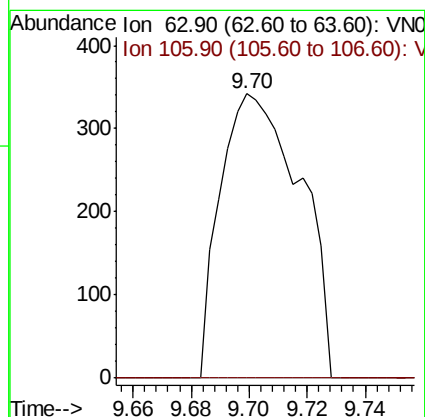
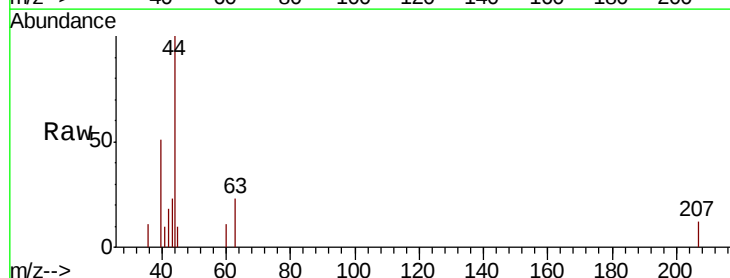
Acq: 8 Aug 2018 12:17

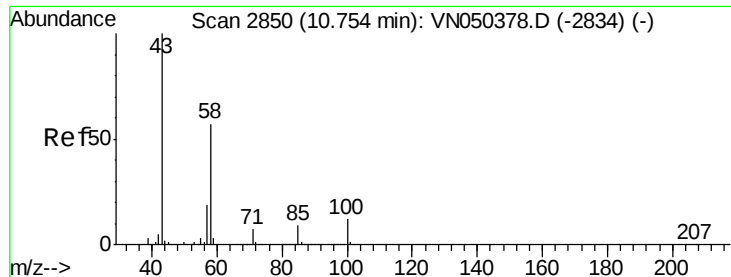
Tgt Ion: 63 Resp: 651

Ion Ratio Lower Upper

63 100

106 0.0 21.7 32.5#

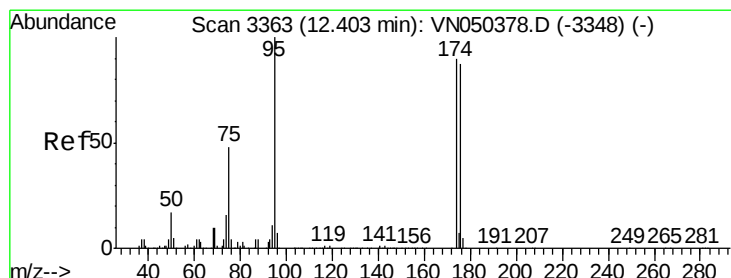
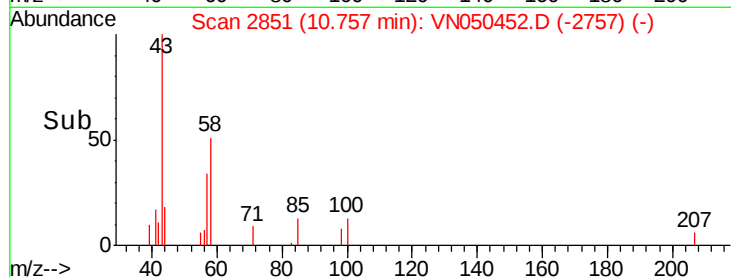
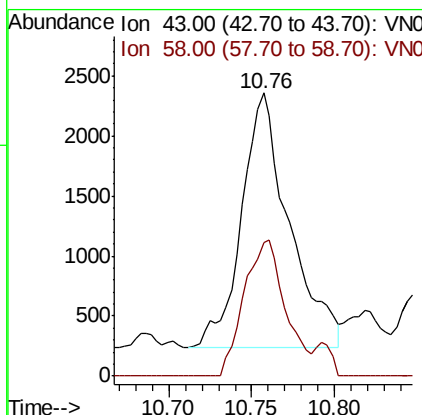
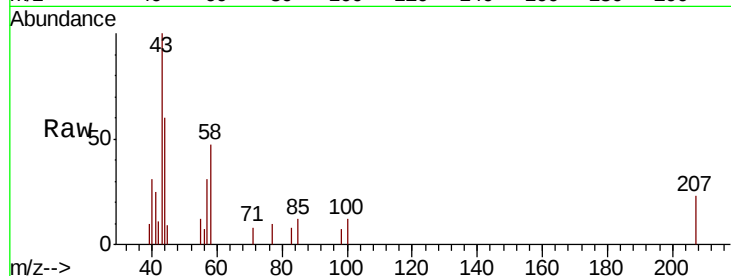




#59
2-Hexanone
Concen: 0.45 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN050452.D
Acq: 8 Aug 2018 12:17

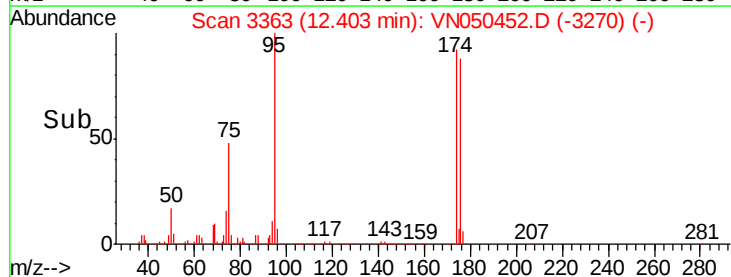
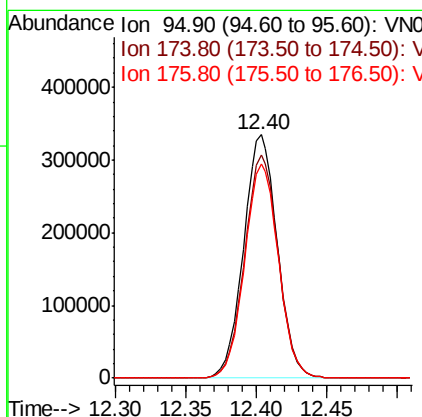
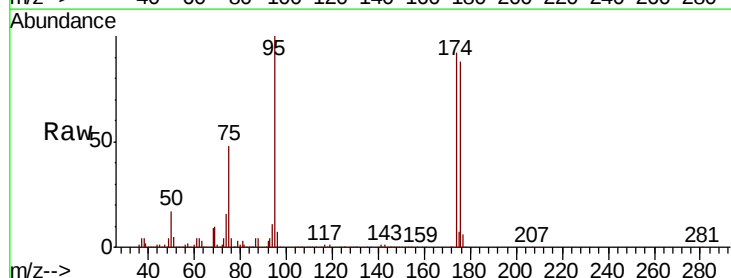
Instrument :
MSVOA_N
ClientSampled :
VN0808MBL01

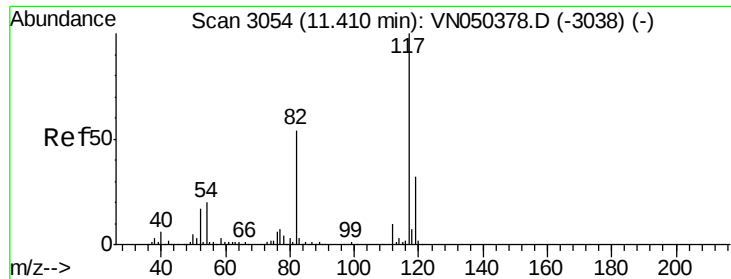
Tot Ion: 43 Resp: 4217
Ion Ratio Lower Upper
43 100
58 46.7 27.6 82.7



#62
4-Bromofluorobenzene
Concen: 40.25 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050452.D
Acq: 8 Aug 2018 12:17

Tgt Ion: 95 Resp: 559447
Ion Ratio Lower Upper
95 100
174 92.0 0.0 178.2
176 88.4 0.0 173.4

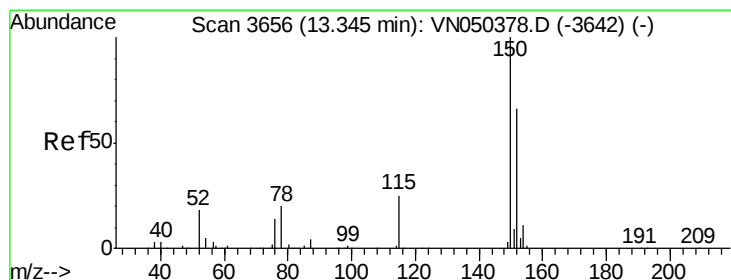
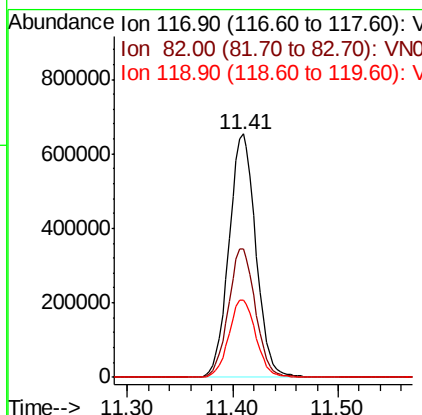
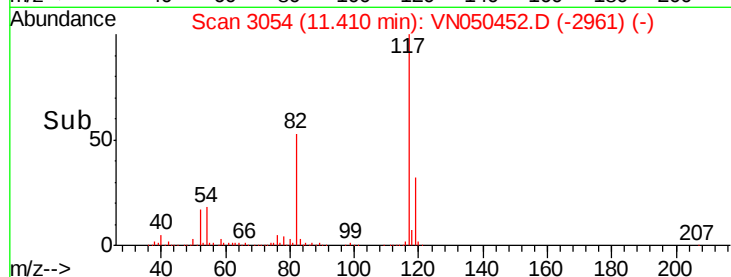
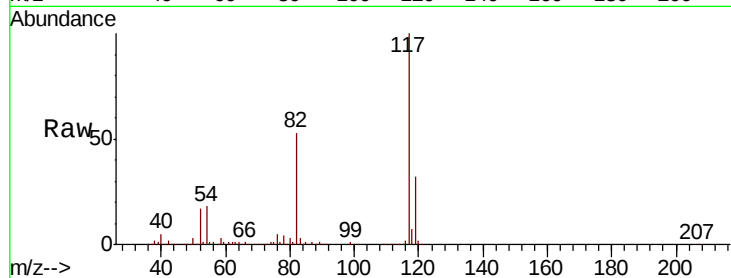




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050452.D
Acq: 8 Aug 2018 12:17

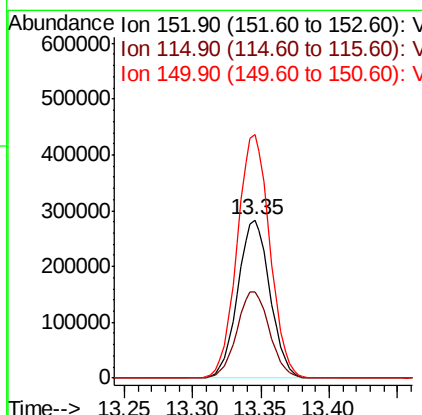
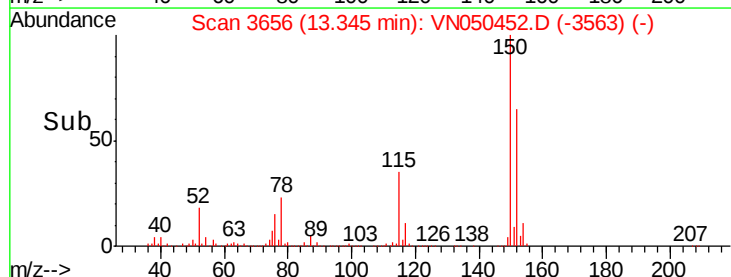
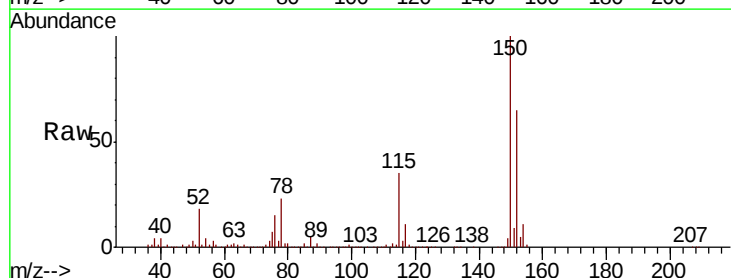
Instrument :
MSVOA_N
ClientSampleId :
VN0808MBL01

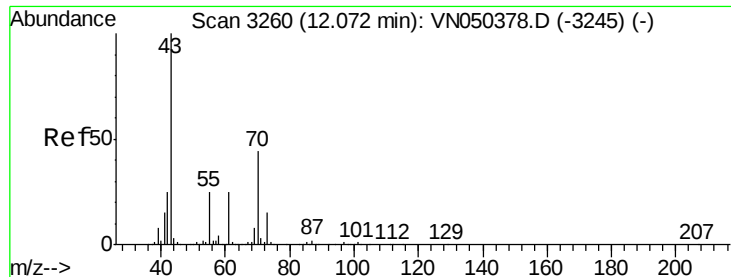
Tot Ion:117 Resp: 1150577
Ion Ratio Lower Upper
117 100
82 52.8 43.7 65.5
119 31.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050452.D
Acq: 8 Aug 2018 12:17

Tgt Ion:152 Resp: 464657
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.3
150 155.4 0.0 348.6





#74

N-amvl acetate

Concen: 0.20 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN050452.D

Acq: 8 Aug 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0808MBL01

Tot Ion: 43 Resp: 2274

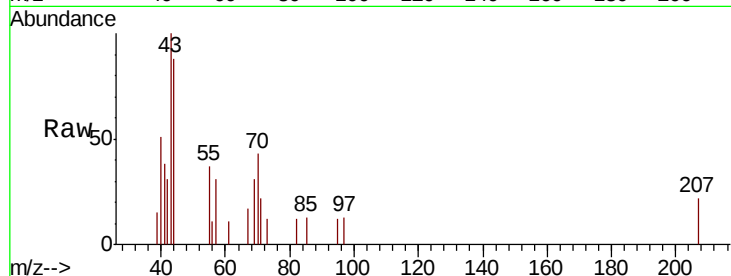
Ion Ratio Lower Upper

43 100

70 53.0 34.4 51.6#

55 0.0 20.8 31.2#

61 4.7 19.7 29.5#

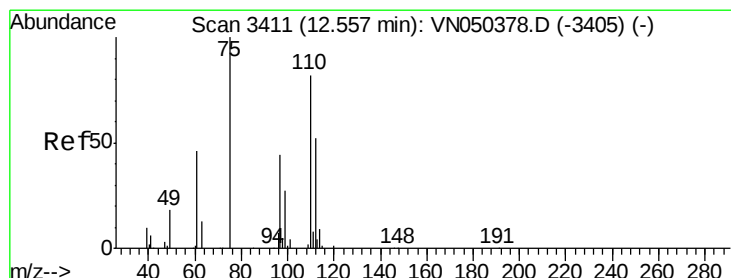
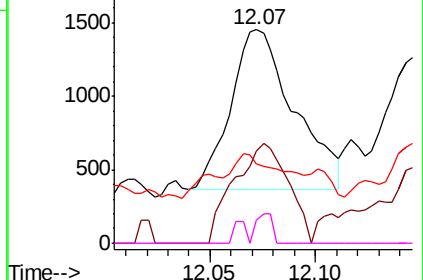
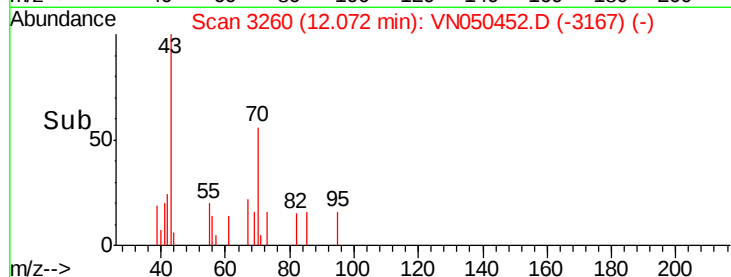


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 32.04 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050452.D

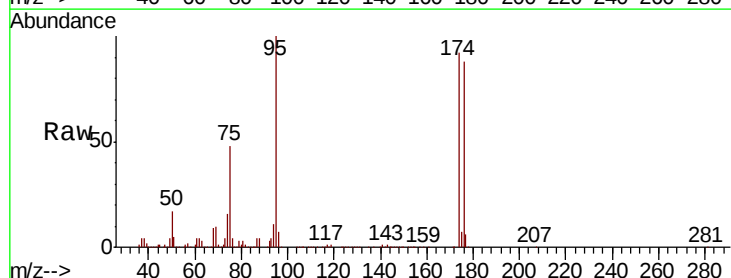
Acq: 8 Aug 2018 12:17

Tgt Ion: 75 Resp: 269485

Ion Ratio Lower Upper

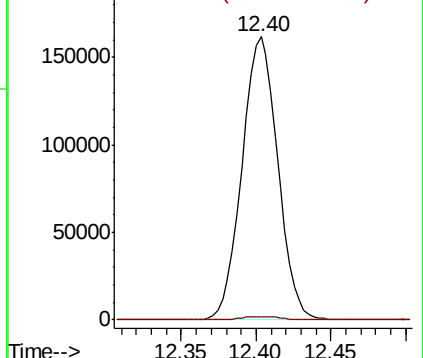
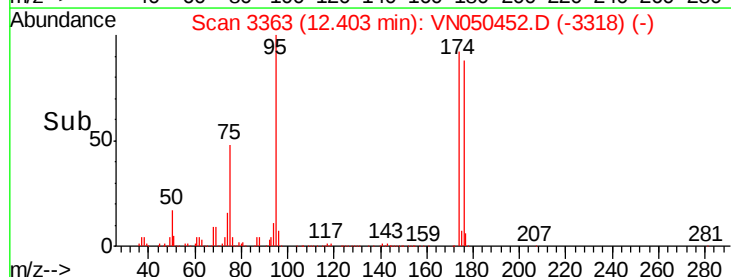
75 100

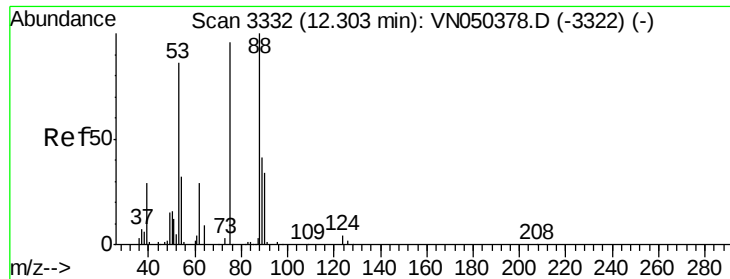
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

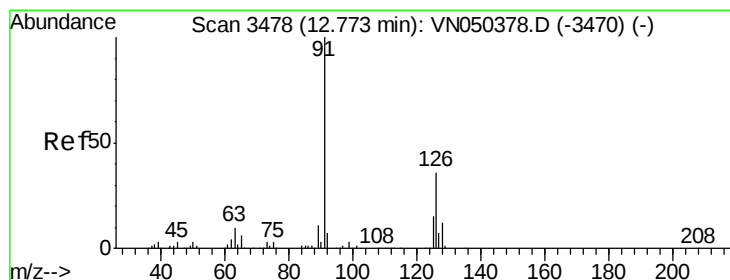
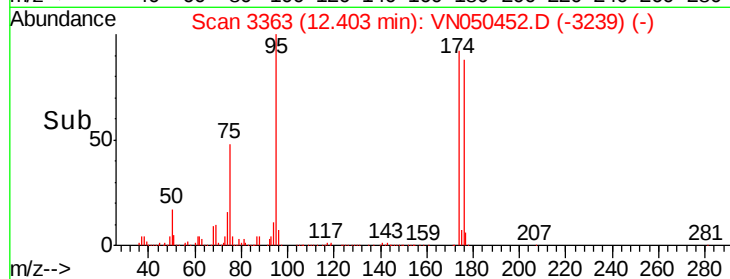
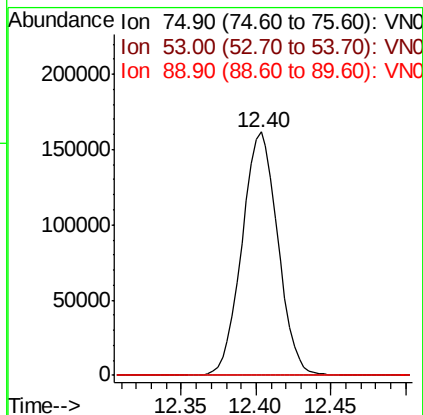
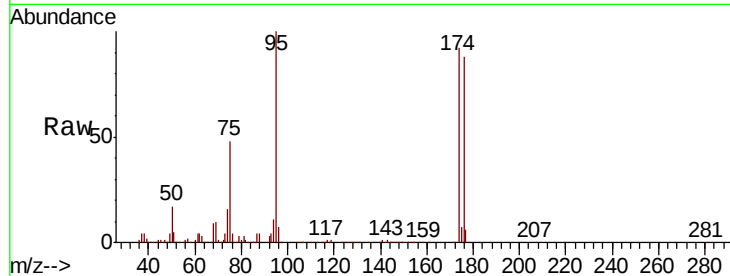




#81
trans-1,4-Dichloro-2-butene
Concen: 112.58 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN050452.D
Acq: 8 Aug 2018 12:17

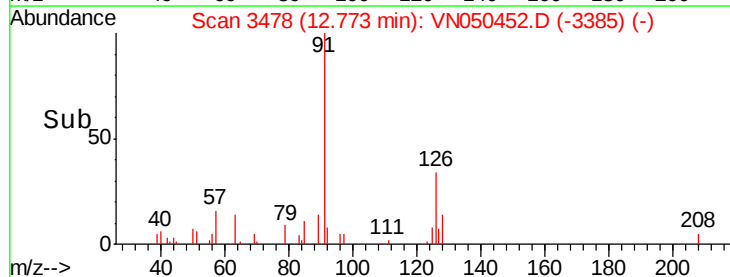
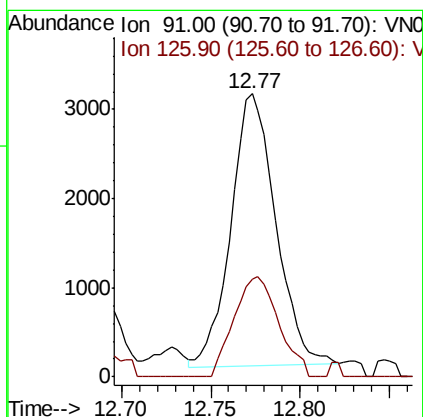
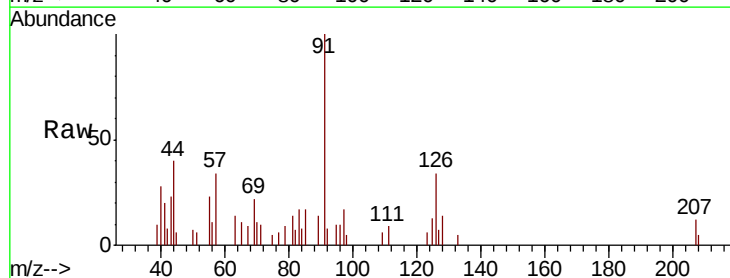
Instrument :
MSVOA_N
ClientSampled :
VN0808MBL01

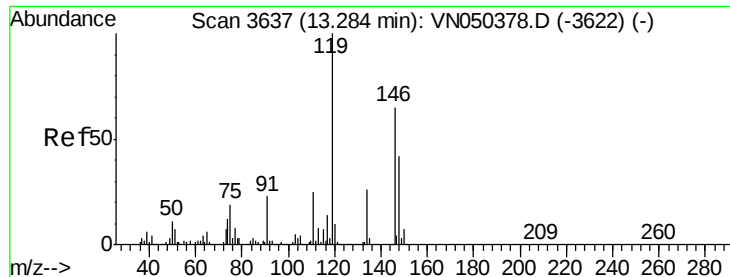
Tot Ion: 75 Resp: 269485
Ion Ratio Lower Upper
75 100
53 0.1 73.5 110.3#
89 0.0 36.0 54.0#



#82
4-Chlorotoluene
Concen: 0.22 ug/l
RT: 12.77 min Scan# 3478
Delta R.T. 0.00 min
Lab File: VN050452.D
Acq: 8 Aug 2018 12:17

Tgt Ion: 91 Resp: 5320
Ion Ratio Lower Upper
91 100
126 36.9 17.0 51.0





#87

1,3-Dichlorobenzene

Concen: 0.27 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN050452.D

Acq: 8 Aug 2018 12:17

Instrument :

MSVOA_N

ClientSampled :

VN0808MBL01

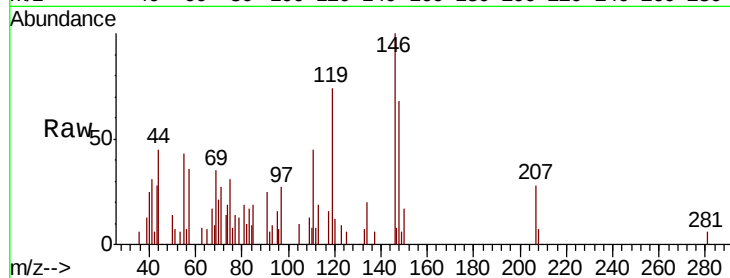
Tot Ion:146 Resp: 4547

Ion Ratio Lower Upper

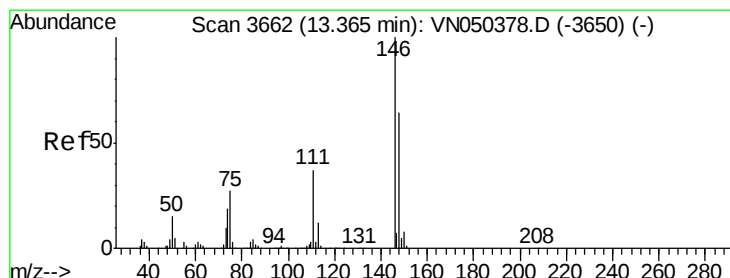
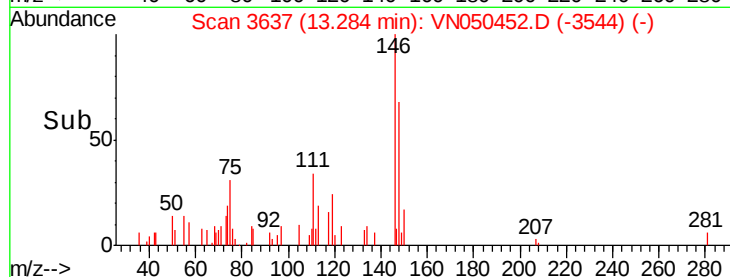
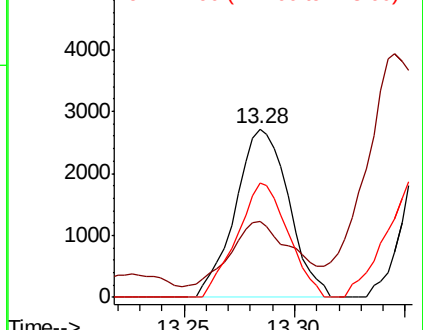
146 100

111 43.2 18.8 56.4

148 65.0 31.9 95.9



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



#88

1,4-Dichlorobenzene

Concen: 0.27 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.08 min

Lab File: VN050452.D

Acq: 8 Aug 2018 12:17

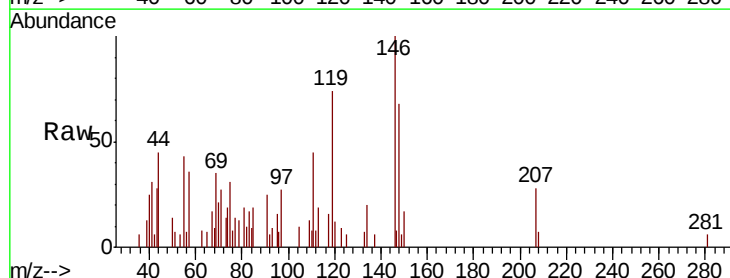
Tgt Ion:146 Resp: 4547

Ion Ratio Lower Upper

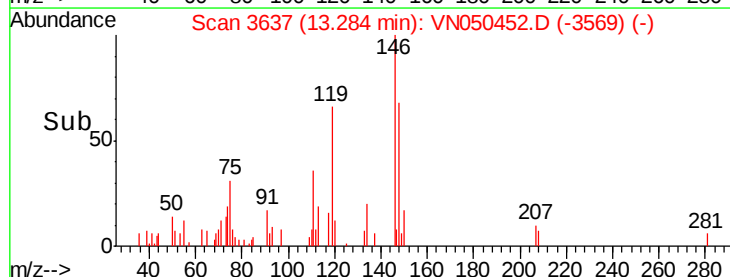
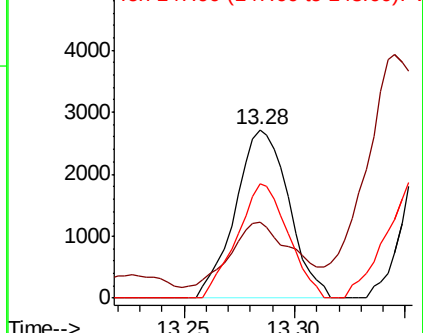
146 100

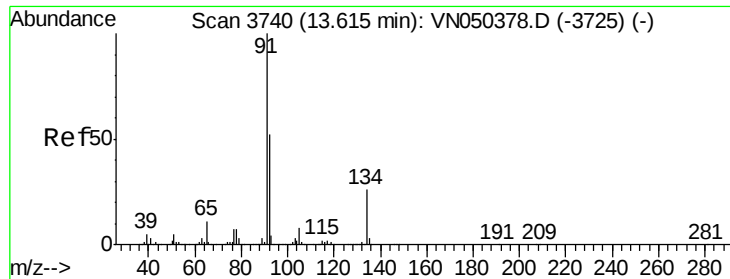
111 43.2 18.3 54.9

148 65.0 31.9 95.9



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

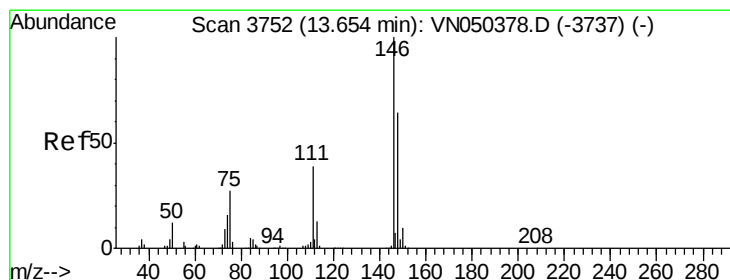
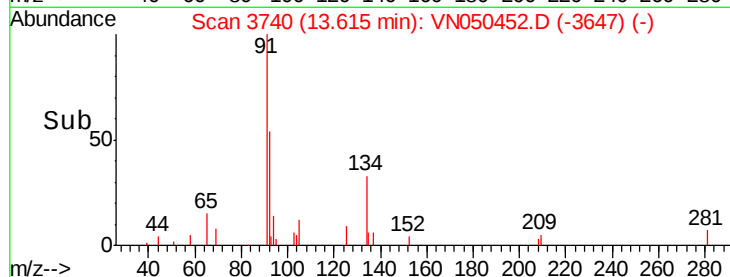
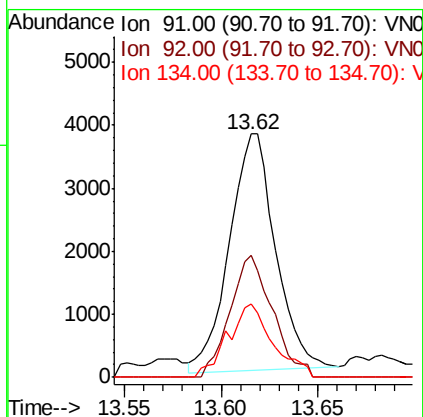
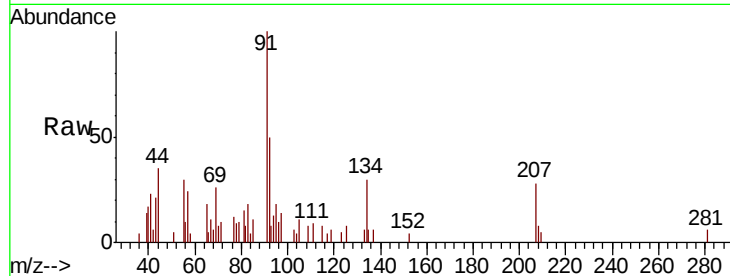




#89
n-Butylbenzene
Concen: 0.26 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN050452.D
Acq: 8 Aug 2018 12:17

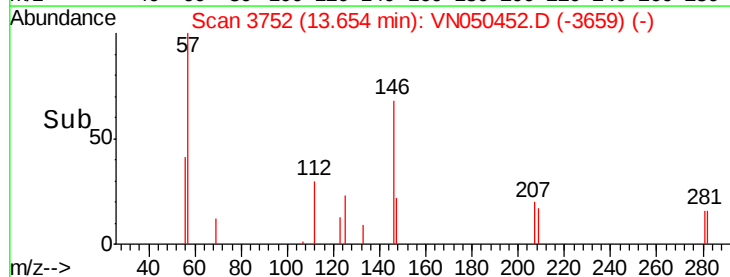
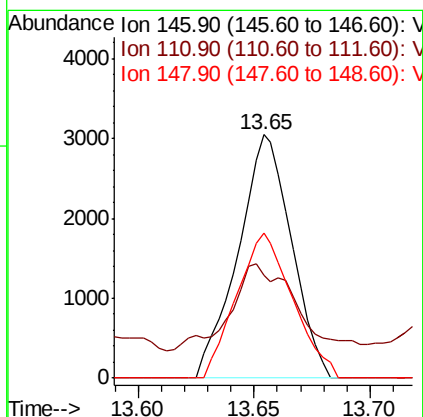
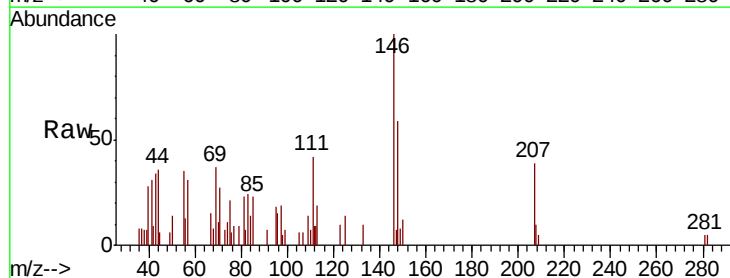
Instrument :
MSVOA_N
ClientSampled :
VN0808MBL01

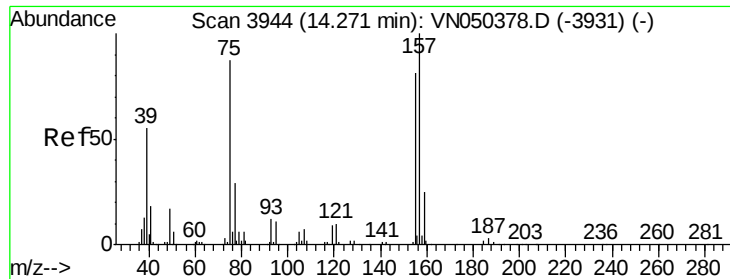
Tot Ion: 91 Resp: 6236
Ion Ratio Lower Upper
91 100
92 47.1 25.8 77.4
134 30.0 12.8 38.4



#91
1,2-Dichlorobenzene
Concen: 0.29 ug/l
RT: 13.65 min Scan# 3752
Delta R.T. 0.00 min
Lab File: VN050452.D
Acq: 8 Aug 2018 12:17

Tgt Ion: 146 Resp: 4865
Ion Ratio Lower Upper
146 100
111 44.3 19.6 58.7
148 63.0 32.1 96.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.38 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN050452.D

Acq: 8 Aug 2018 12:17

Instrument :

MSVOA_N

ClientSampled :

VN0808MBL01

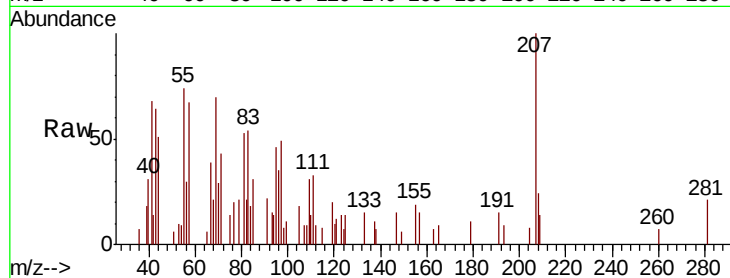
Tot Ion: 75 Resp: 649

Ion Ratio Lower Upper

75 100

155 93.5 44.8 134.4

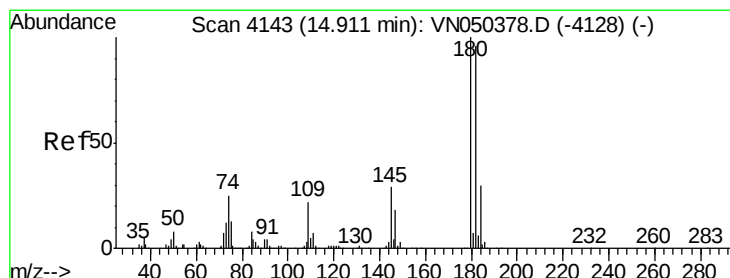
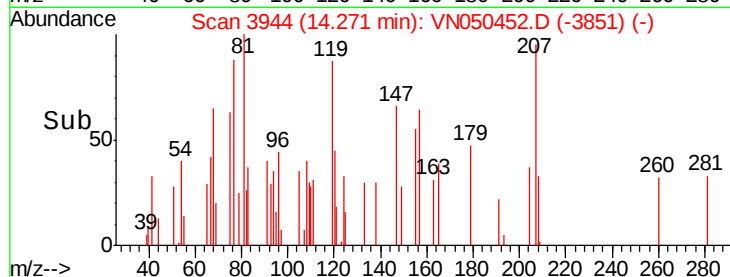
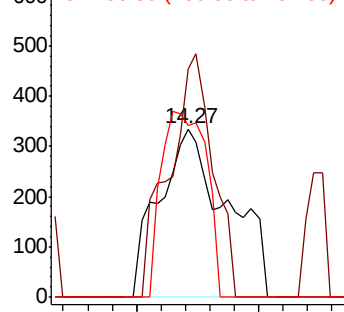
157 73.0 57.2 171.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 0.92 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. 0.00 min

Lab File: VN050452.D

Acq: 8 Aug 2018 12:17

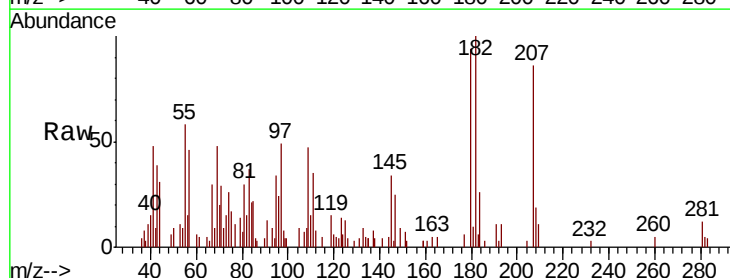
Tgt Ion: 180 Resp: 7845

Ion Ratio Lower Upper

180 100

182 96.4 46.7 140.1

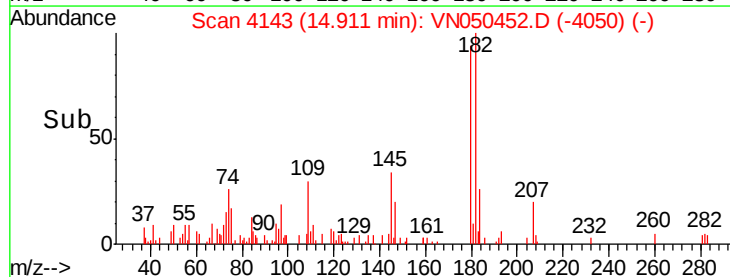
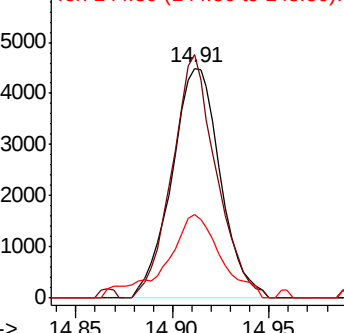
145 40.9 13.8 41.4

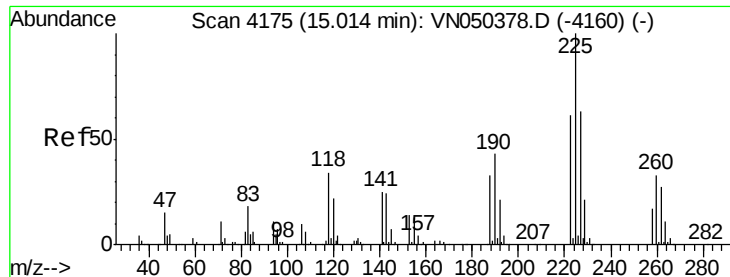


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4175

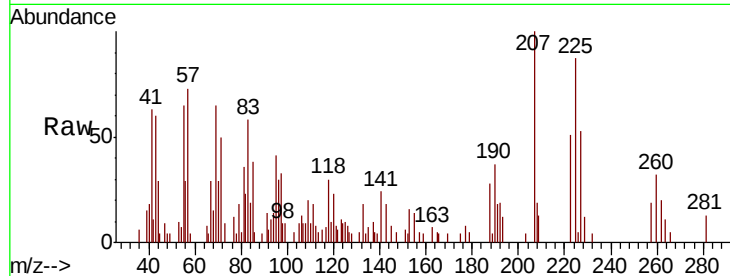
Delta R.T. 0.00 min

Lab File: VN050452.D

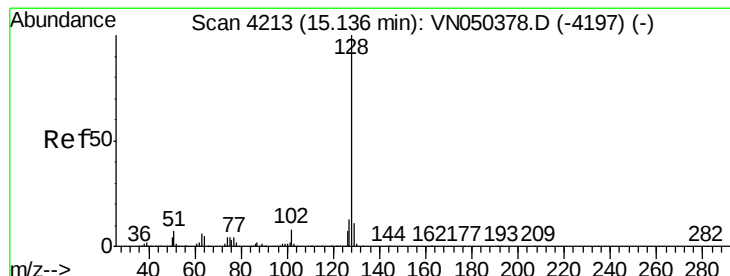
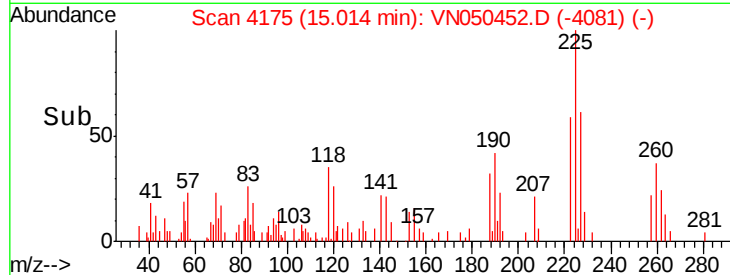
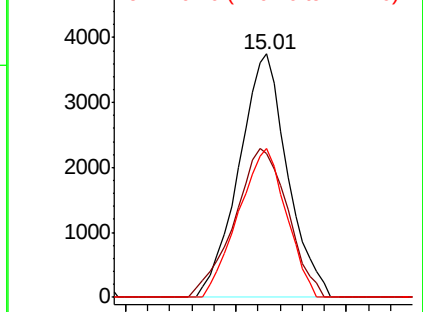
Acq: 8 Aug 2018 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0808MBL01

Tot Ion:225	Resp:	5718
Ion	Ratio	Lower Upper
225	100	
223	67.1	31.4 94.2
227	60.3	32.1 96.5



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



#95

Naphthalene

Concen: 4.81 ug/l

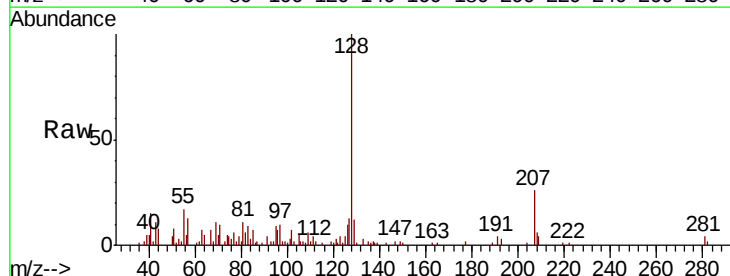
RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

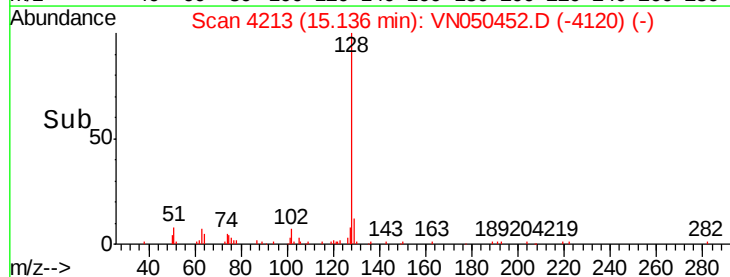
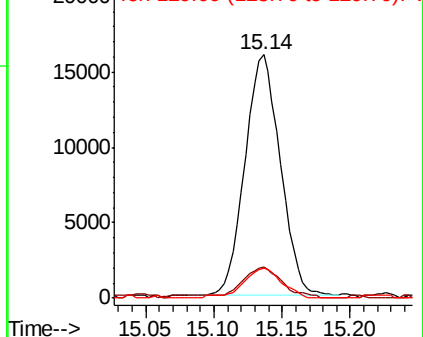
Lab File: VN050452.D

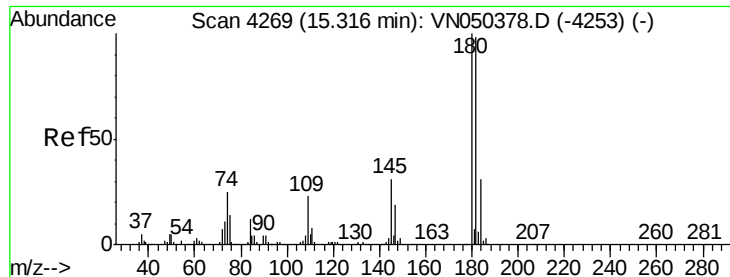
Acq: 8 Aug 2018 12:17

Tgt Ion:128	Resp:	28947
Ion	Ratio	Lower Upper
128	100	
127	14.2	10.4 15.6
129	13.2	8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 1.24 ug/l

RT: 15.31 min Scan# 4268

Delta R.T. -0.00 min

Lab File: VN050452.D

Acq: 8 Aug 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0808MBL01

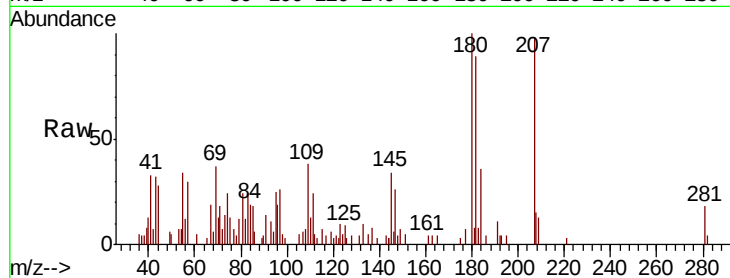
Tot Ion:180 Resp: 10665

Ion Ratio Lower Upper

180 100

182 87.7 48.1 144.4

145 33.1 15.3 45.9



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

