

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080718\
 Data File : VN050425.D
 Acq On : 7 Aug 2018 12:32
 Operator : MD\SY
 Sample : VN0807MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807MBL01

Quant Time: Aug 08 05:20:48 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	631728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1009021	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	866776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	338372	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	450583	53.38	ug/l	0.00
Spiked Amount			Recovery	=	106.76%	
35) Dibromofluoromethane	7.59	113	408364	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	
50) Toluene-d8	10.09	98	1402503	46.07	ug/l	0.00
Spiked Amount			Recovery	=	92.14%	
62) 4-Bromofluorobenzene	12.40	95	395610	38.13	ug/l	0.00
Spiked Amount			Recovery	=	76.26%	

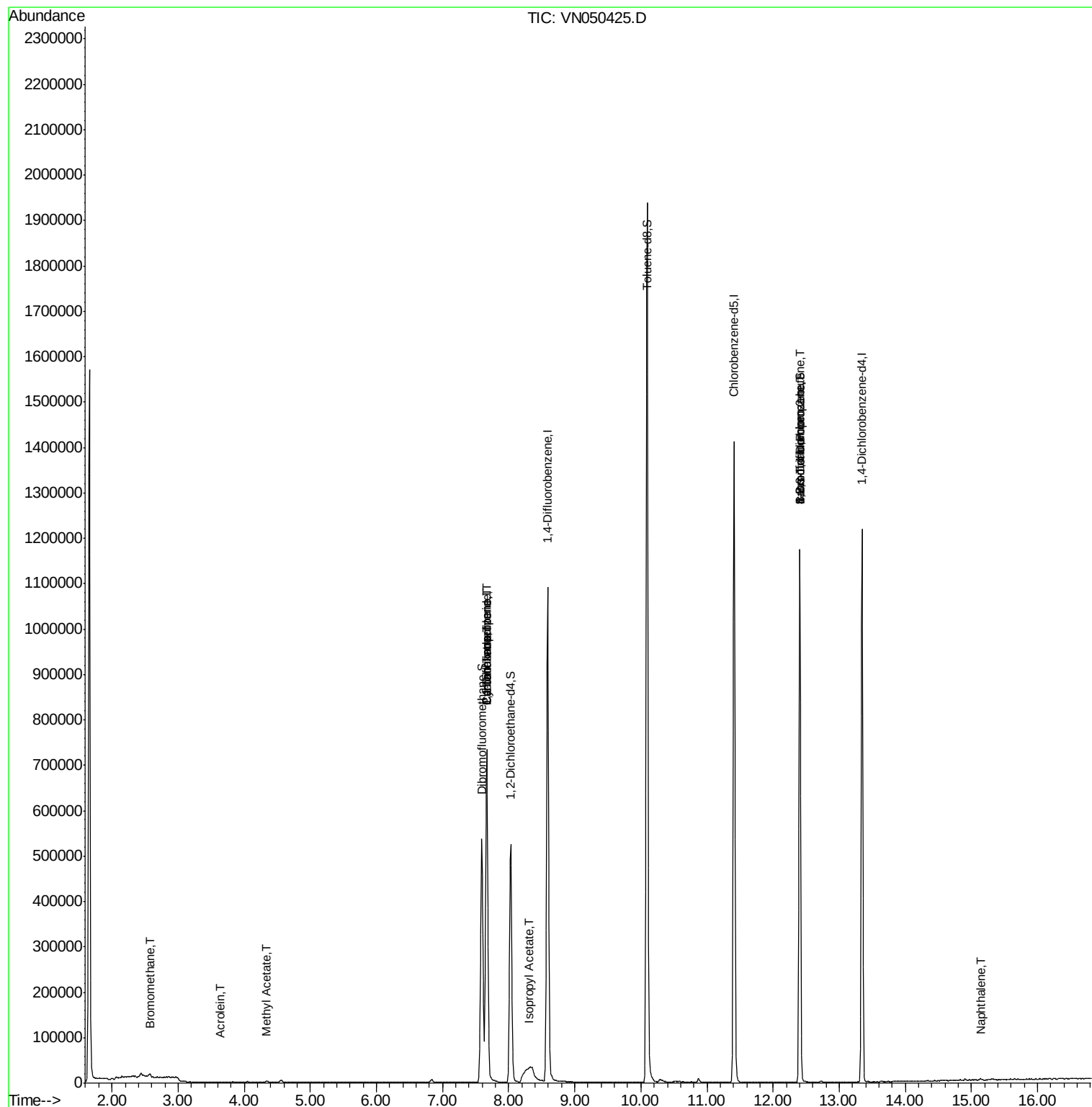
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	3415	Below Cal		96
5) Bromomethane	2.57	94	4666	1.23 ug/l		99
13) Acrolein	3.63	56	62	15.10 ug/l #		15
18) Methyl Acetate	4.34	43	5823	0.70 ug/l #		84
20) Methylene Chloride	4.55	84	3784	Below Cal #		96
31) Cyclohexane	7.67	56	11490	0.32 ug/l #		1
36) 1,1-Dichloropropene	7.67	75	44121	3.98 ug/l #		48
38) Carbon Tetrachloride	7.67	117	56515	4.89 ug/l #		16
43) Isopropyl Acetate	8.30	43	54866	3.98 ug/l #		61
71) Bromoform	12.40	173	2924	0.51 ug/l #		1
76) 1,2,3-Trichloropropane	12.40	75	187670	30.64 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.40	75	187670	107.66 ug/l #		13
94) Hexachlorobutadiene	15.00	225	138	Below Cal #		62
95) Naphthalene	15.14	128	2305	3.75 ug/l #		81

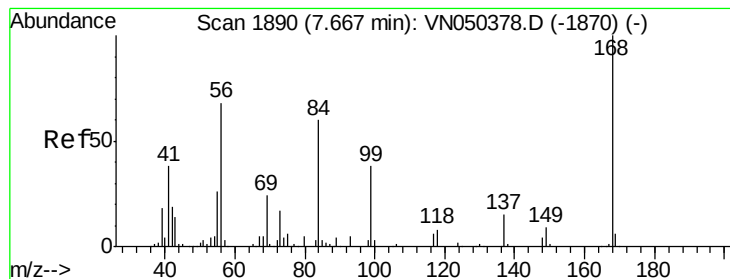
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN080718\
Data File : VN050425.D
Acq On : 7 Aug 2018 12:32
Operator : MD\SY
Sample : VN0807MBL01
Misc : 5.00µL/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0807MBL01

Quant Time: Aug 08 05:20:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050425.D

Acq: 7 Aug 2018 12:32

Instrument :

MSVOA_N

ClientSampleId :

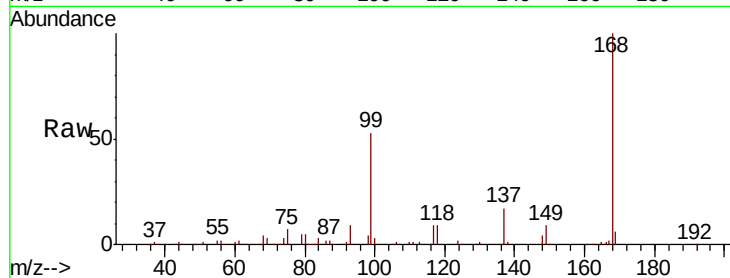
VN0807MBL01

Tot Ion:168 Resp: 631728

Ion Ratio Lower Upper

168 100

99 53.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

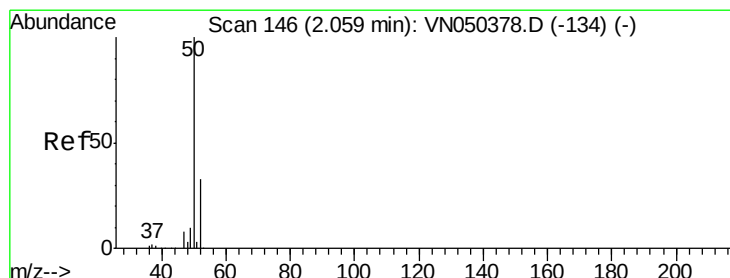
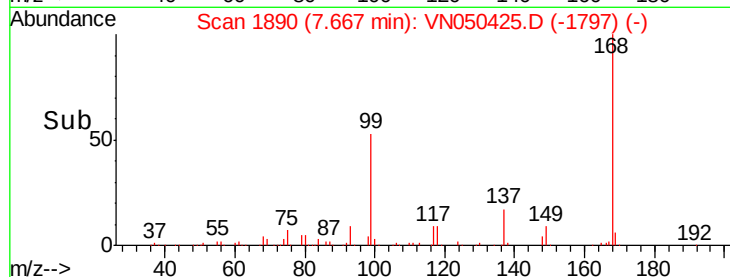
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050425.D

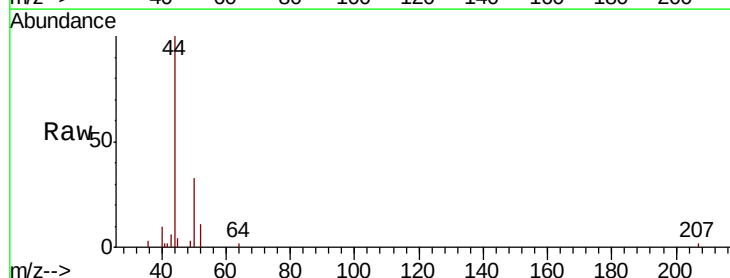
Acq: 7 Aug 2018 12:32

Tgt Ion: 50 Resp: 3415

Ion Ratio Lower Upper

50 100

52 34.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.06

2500

2000

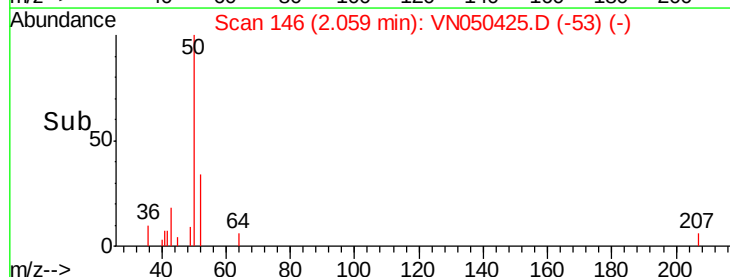
1500

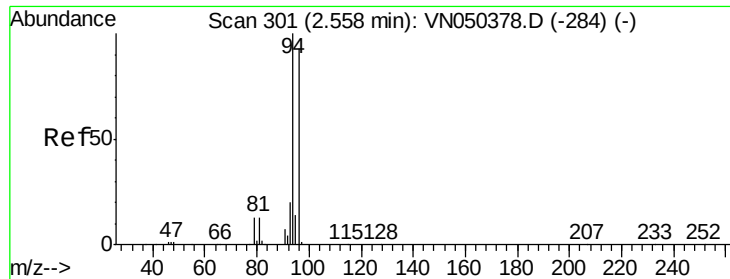
1000

500

0

Time-->





#5

Bromomethane

Concen: 1.23 ug/l

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN050425.D

Acq: 7 Aug 2018 12:32

Instrument :

MSVOA_N

ClientSampleId :

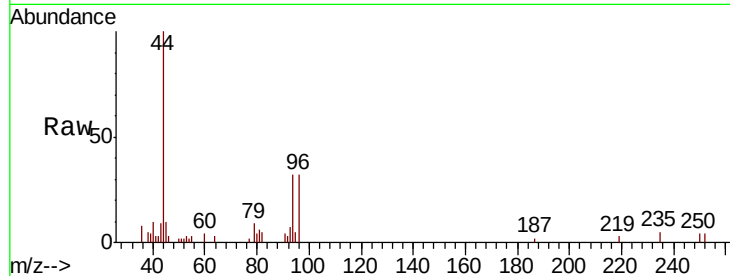
VN0807MBL01

Tot Ion: 94 Resp: 4666

Ion Ratio Lower Upper

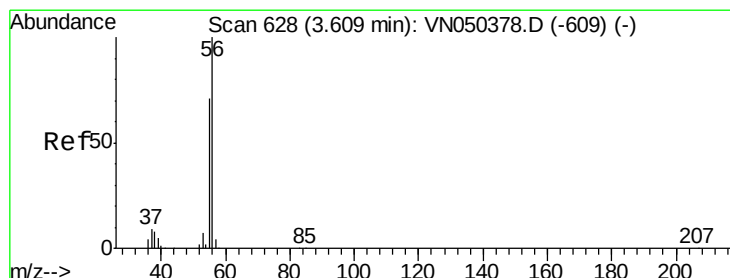
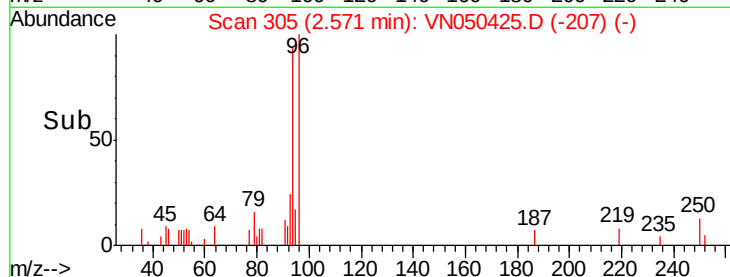
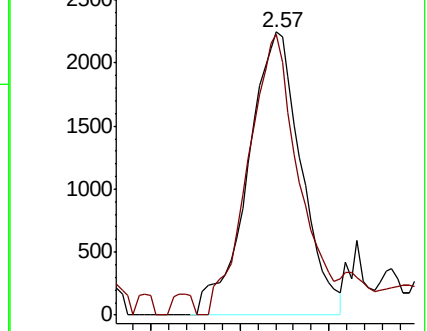
94 100

96 92.2 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#13

Acrolein

Concen: 15.10 ug/l

RT: 3.63 min Scan# 635

Delta R.T. 0.02 min

Lab File: VN050425.D

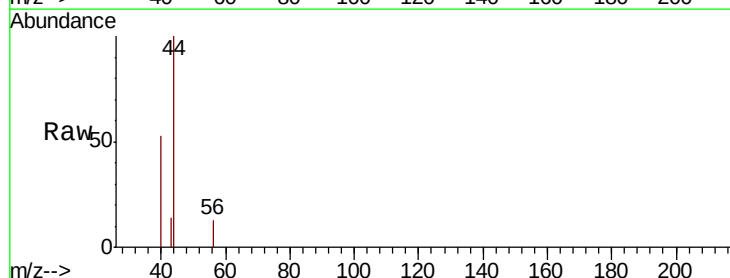
Acq: 7 Aug 2018 12:32

Tgt Ion: 56 Resp: 62

Ion Ratio Lower Upper

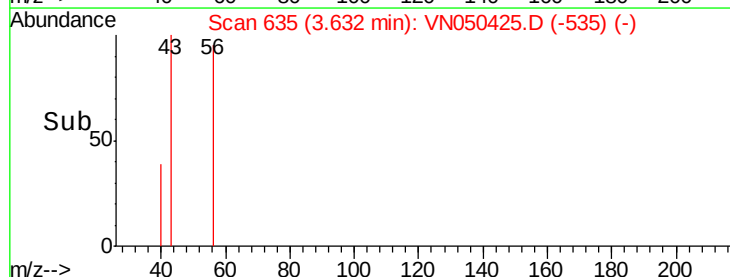
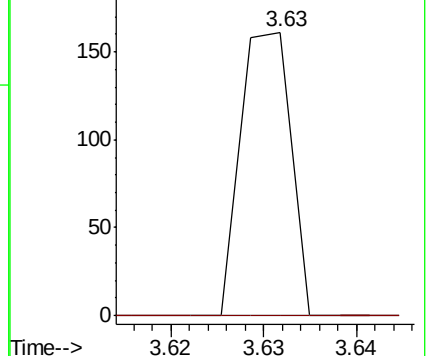
56 100

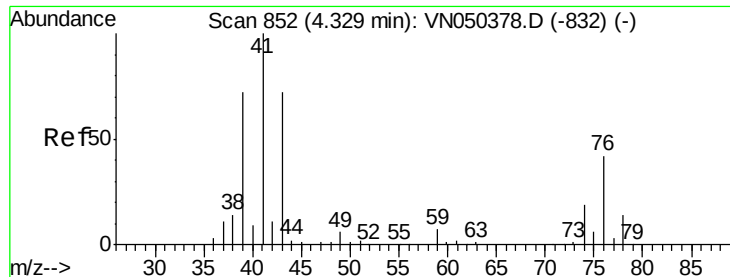
55 0.0 55.8 83.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

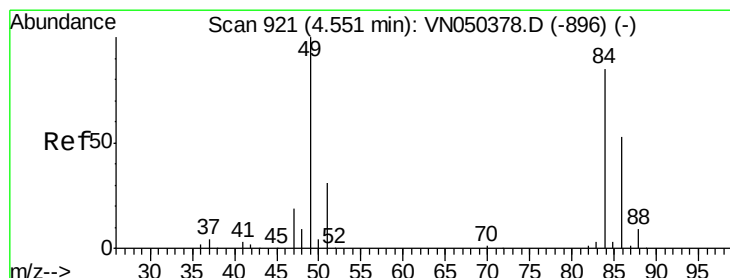
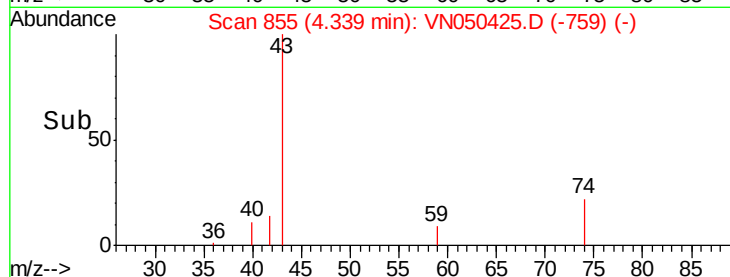
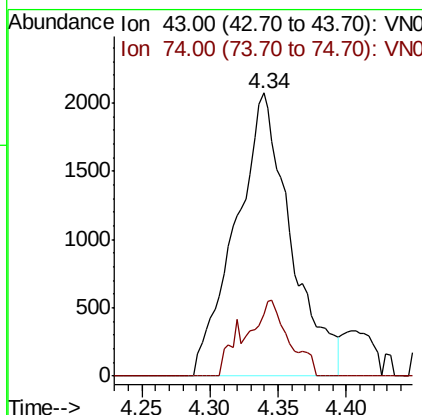
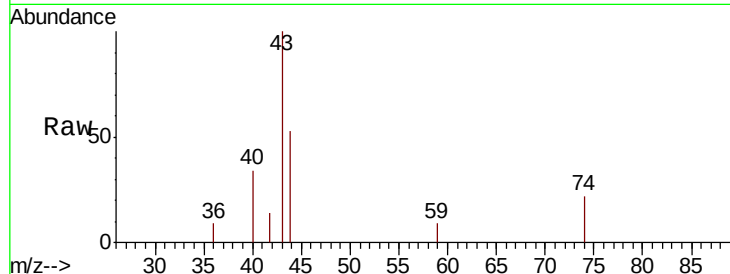




#18
Methyl Acetate
Concen: 0.70 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050425.D
Acq: 7 Aug 2018 12:32

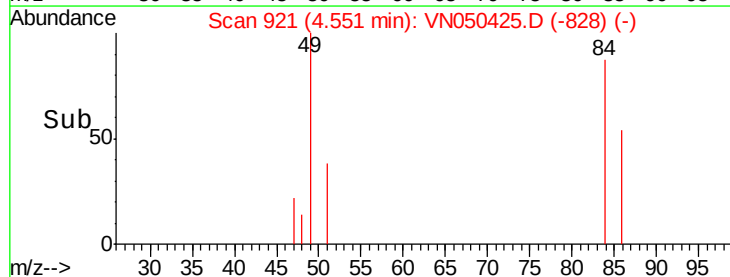
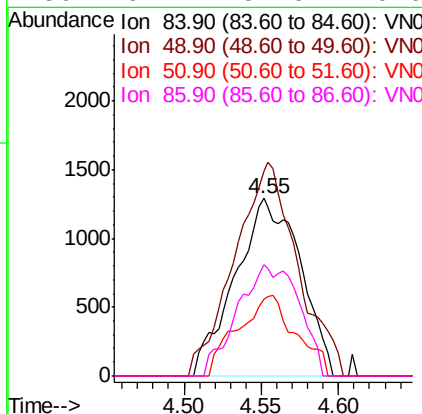
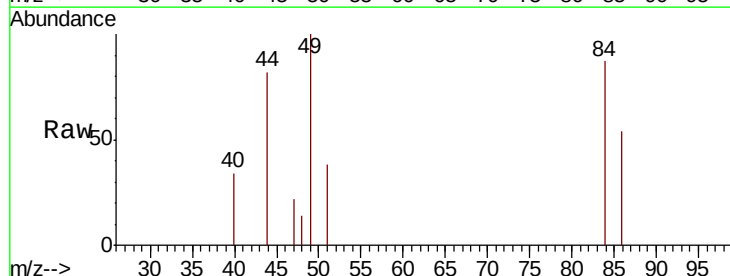
Instrument :
MSVOA_N
ClientSampleId :
VN0807MBL01

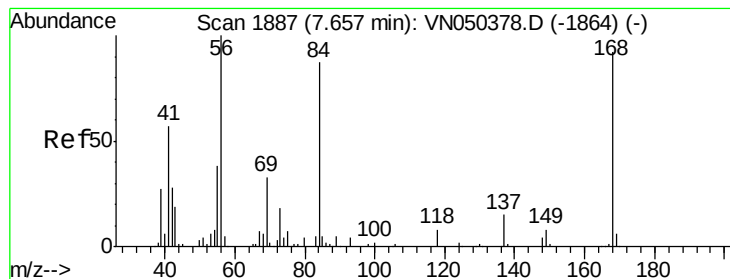
Tot Ion: 43 Resp: 5823
Ion Ratio Lower Upper
43 100
74 16.0 19.2 28.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050425.D
Acq: 7 Aug 2018 12:32

Tgt Ion: 84 Resp: 3784
Ion Ratio Lower Upper
84 100
49 114.8 94.8 142.2
51 43.2 28.3 42.5#
86 62.4 51.0 76.6





#31

Cyclohexane

Concen: 0.32 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050425.D

Acq: 7 Aug 2018 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0807MBL01

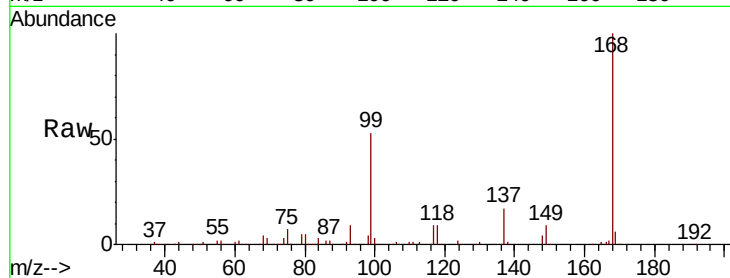
Tot Ion: 56 Resp: 11490

Ion Ratio Lower Upper

56 100

69 192.6 26.2 39.4#

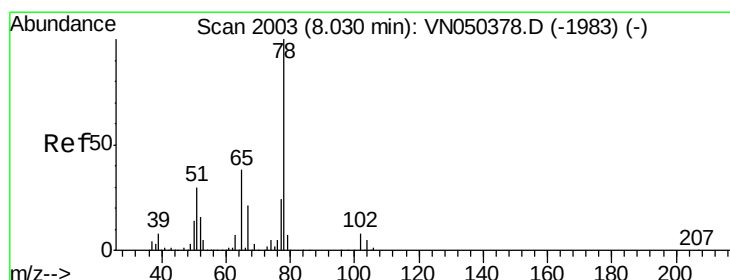
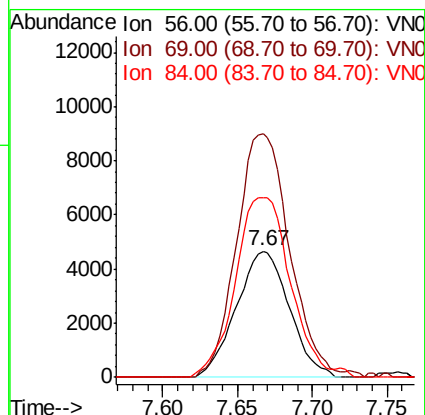
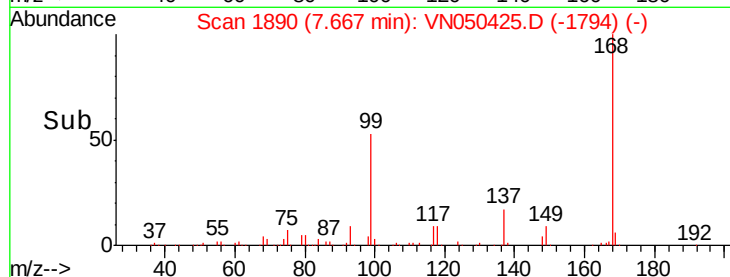
84 142.2 67.4 101.0#



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: 53.38 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050425.D

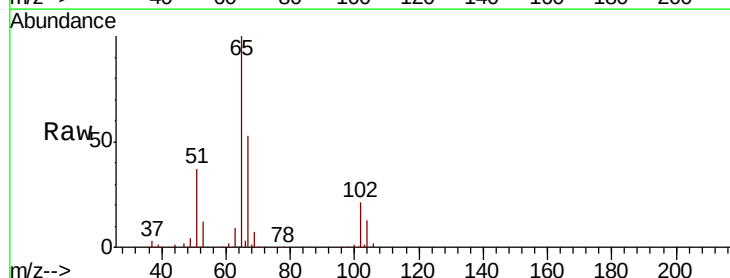
Acq: 7 Aug 2018 12:32

Tgt Ion: 65 Resp: 450583

Ion Ratio Lower Upper

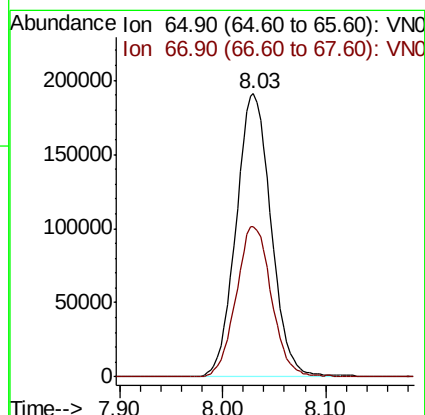
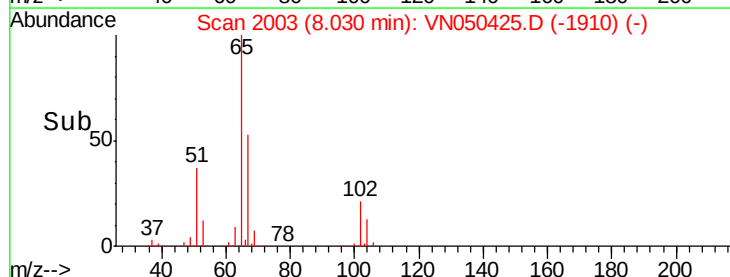
65 100

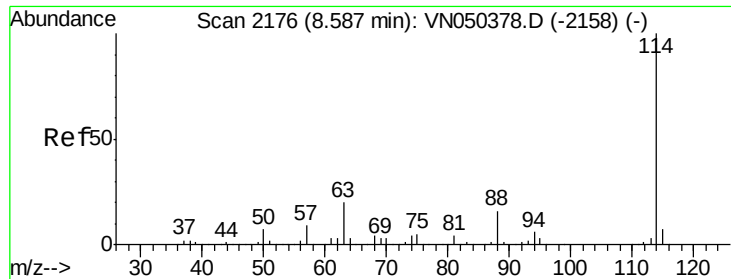
67 53.8 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

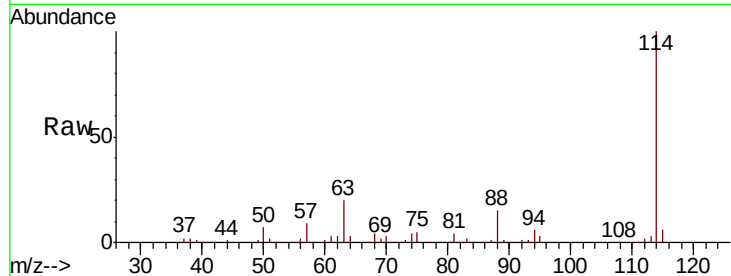




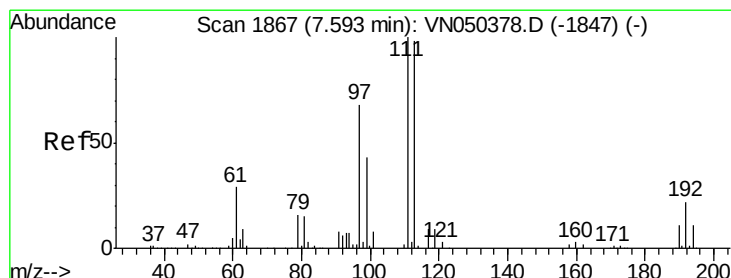
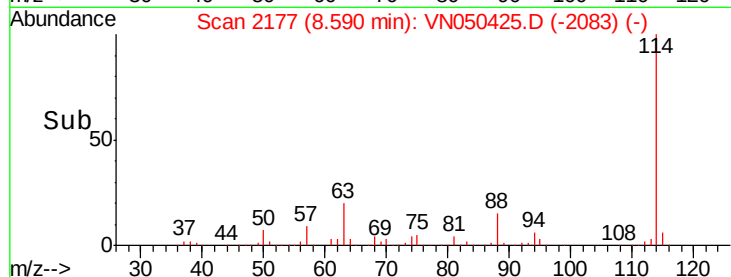
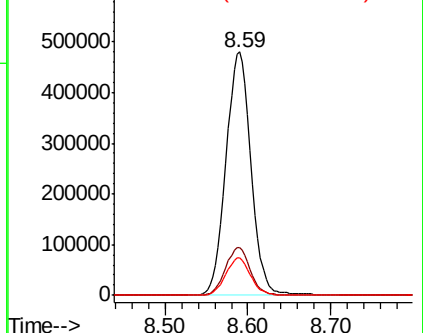
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050425.D
 Acq: 7 Aug 2018 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807MBL01

Tot Ion:114 Resp: 1009021
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.4 0.0 31.2

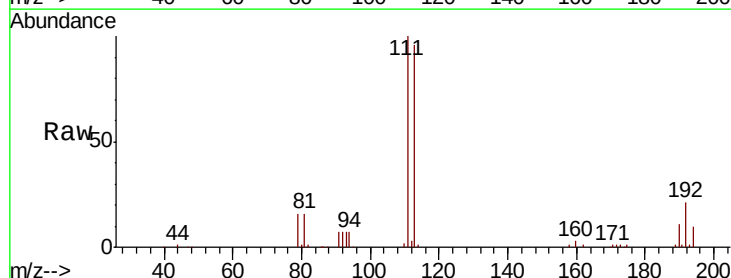


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

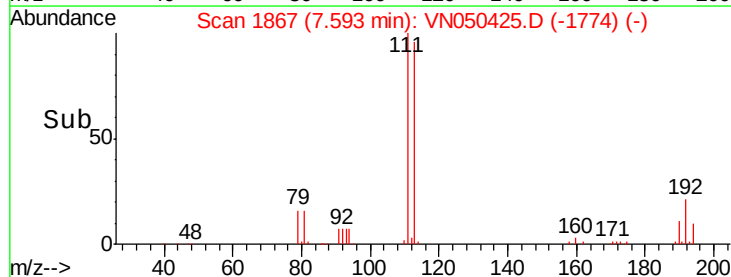
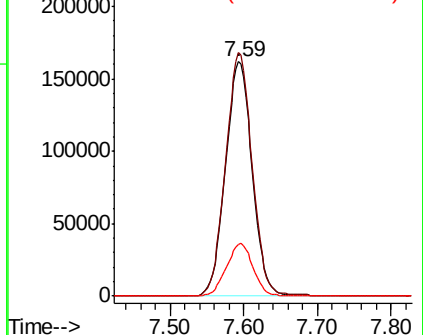


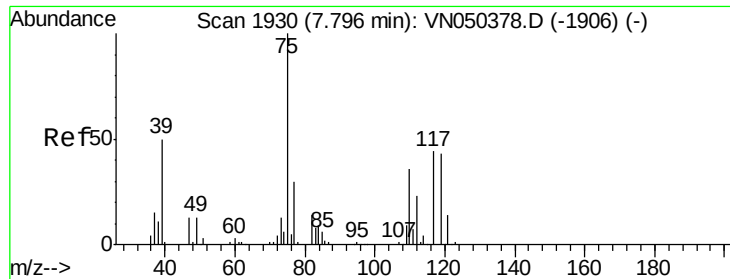
#35
 Dibromofluoromethane
 Concen: 50.44 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050425.D
 Acq: 7 Aug 2018 12:32

Tgt Ion:113 Resp: 408364
 Ion Ratio Lower Upper
 113 100
 111 103.1 80.7 121.1
 192 22.3 17.8 26.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

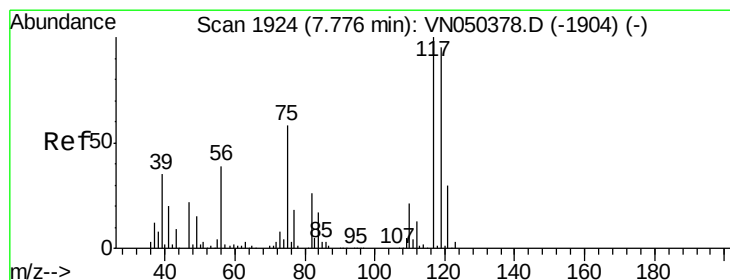
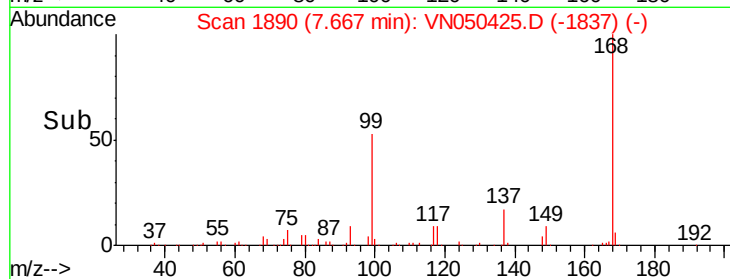
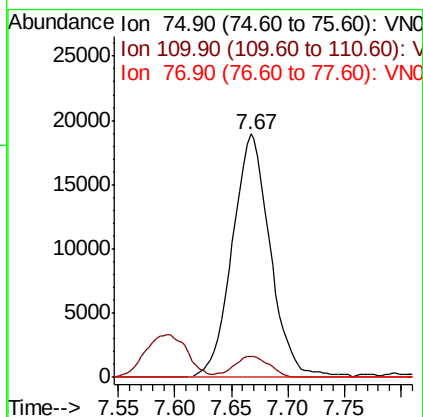
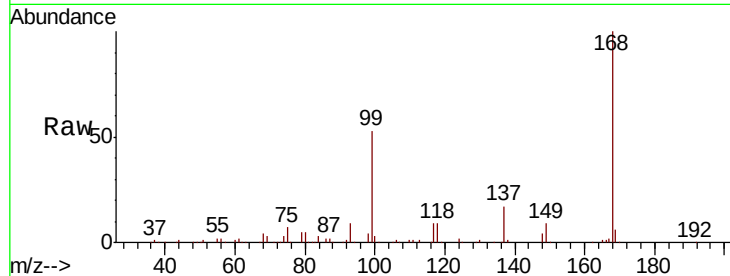




#36
 1,1-Dichloropropene
 Concen: 3.98 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050425.D
 Acq: 7 Aug 2018 12:32

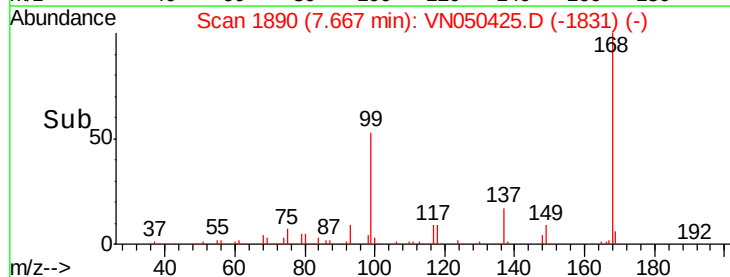
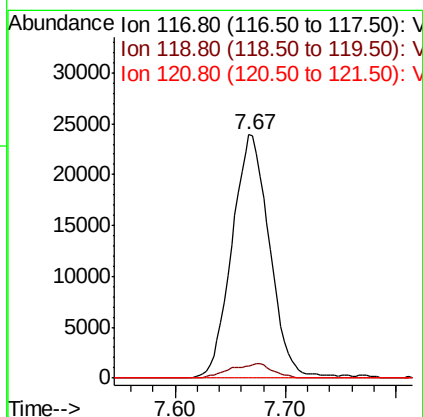
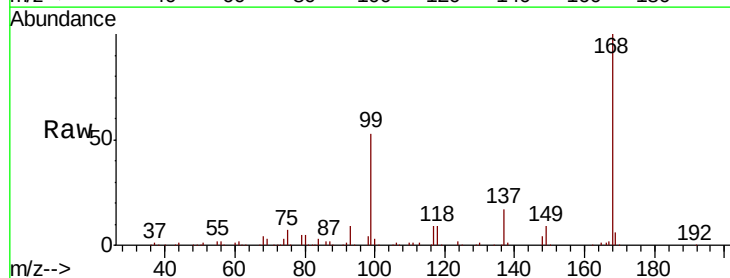
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807MBL01

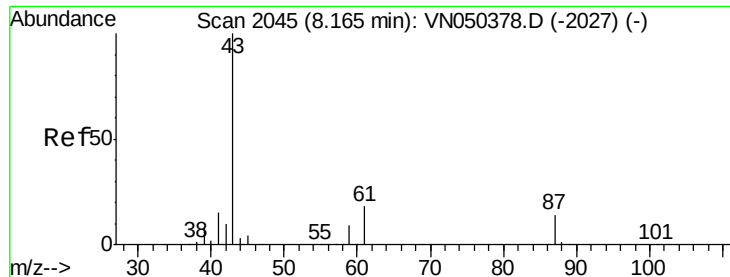
Tot Ion	75	Resp	44121
Ion Ratio	100	Lower	Upper
75	100		
110	8.2	18.4	55.2#
77	0.0	25.3	37.9#



#38
 Carbon Tetrachloride
 Concen: 4.89 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050425.D
 Acq: 7 Aug 2018 12:32

Tgt Ion	117	Resp	56515
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	5.2	77.4	116.0#
121	0.0	23.9	35.9#





#43

Isopropyl Acetate

Concen: 3.98 ug/l

RT: 8.30 min Scan# 2086

Delta R.T. 0.13 min

Lab File: VN050425.D

Acq: 7 Aug 2018 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0807MBL01

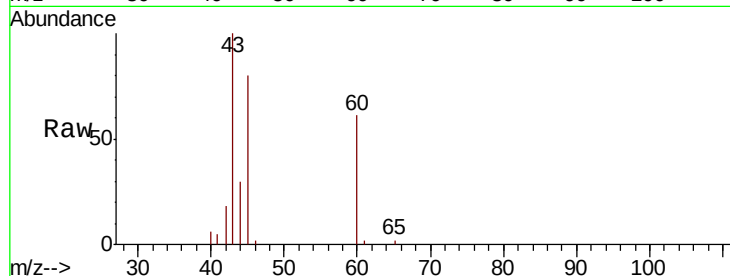
Tot Ion: 43 Resp: 54866

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.6#

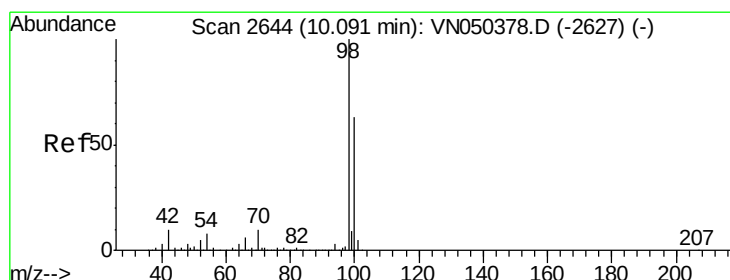
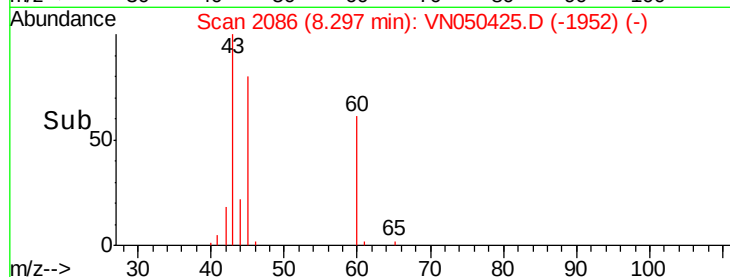
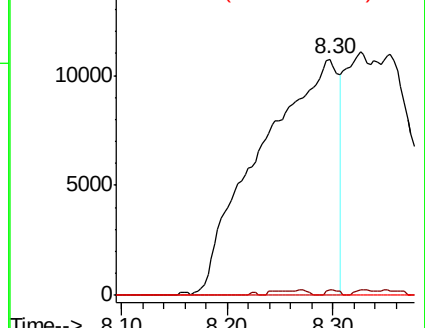
87 0.0 10.3 15.5#



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



#50

Toluene-d8

Concen: 46.07 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050425.D

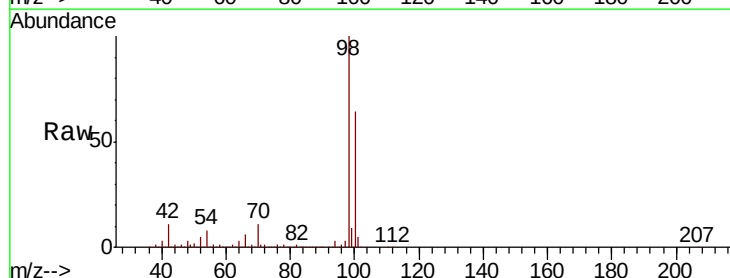
Acq: 7 Aug 2018 12:32

Tgt Ion: 98 Resp: 1402503

Ion Ratio Lower Upper

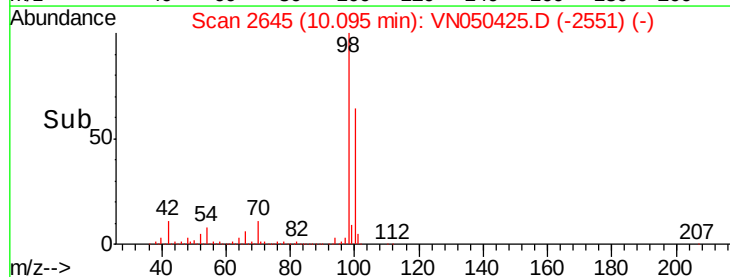
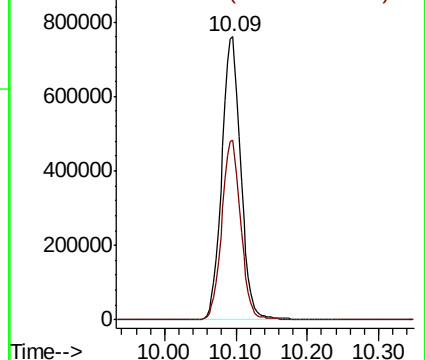
98 100

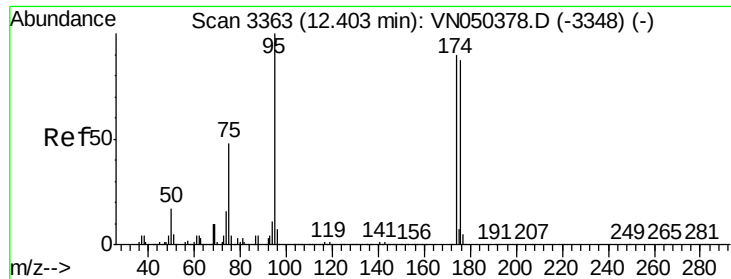
100 63.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

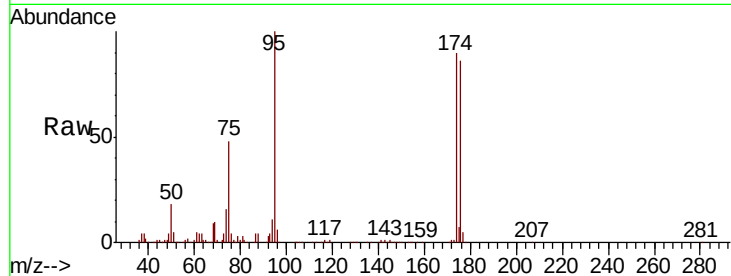




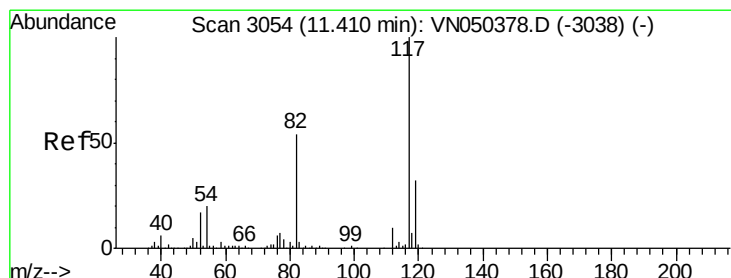
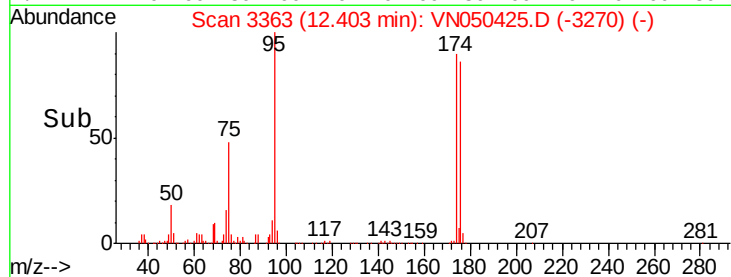
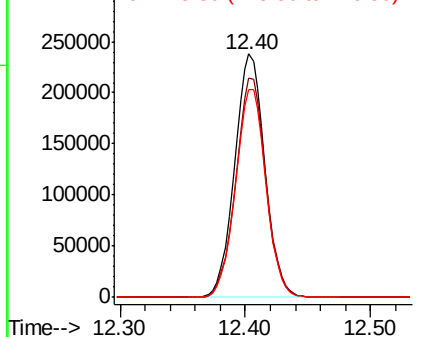
#62
4-Bromofluorobenzene
Concen: 38.13 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050425.D
Acq: 7 Aug 2018 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN0807MBL01

Tot Ion: 95 Resp: 395610
Ion Ratio Lower Upper
95 100
174 90.2 0.0 178.2
176 86.3 0.0 173.4

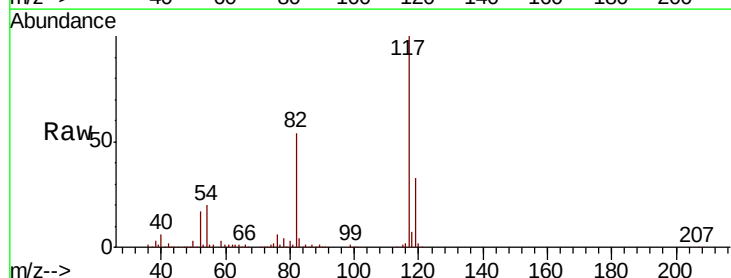


Abundance Ion 94.90 (94.60 to 95.60): VN050378.D (-3348) (-)
Ion 173.80 (173.50 to 174.50): VN050378.D (-3348) (-)
Ion 175.80 (175.50 to 176.50): VN050378.D (-3348) (-)

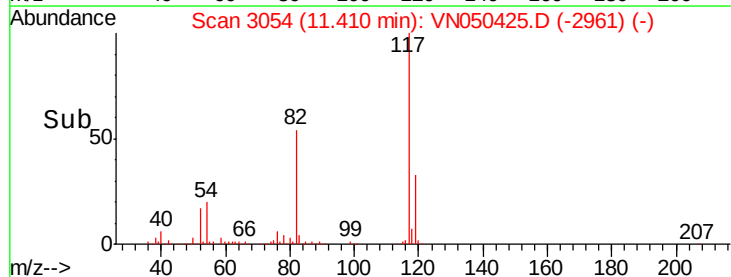
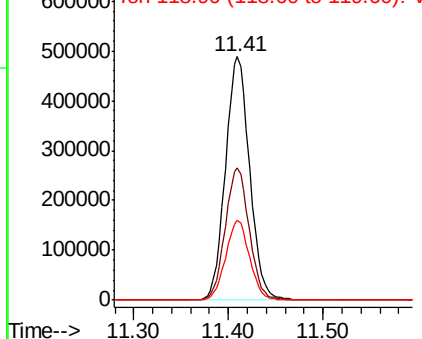


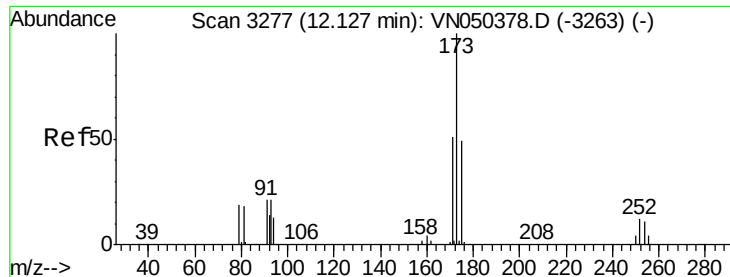
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050425.D
Acq: 7 Aug 2018 12:32

Tgt Ion: 117 Resp: 866776
Ion Ratio Lower Upper
117 100
82 54.3 43.7 65.5
119 32.6 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): VN050378.D (-3038) (-)
Ion 82.00 (81.70 to 82.70): VN050378.D (-3038) (-)
Ion 118.90 (118.60 to 119.60): VN050378.D (-3038) (-)





#71

Bromoform

Concen: 0.51 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN050425.D

Acq: 7 Aug 2018 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0807MBL01

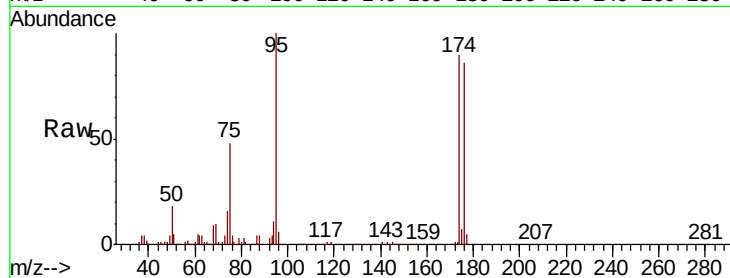
Tot Ion:173 Resp: 2924

Ion Ratio Lower Upper

173 100

175 746.4 24.1 72.2#

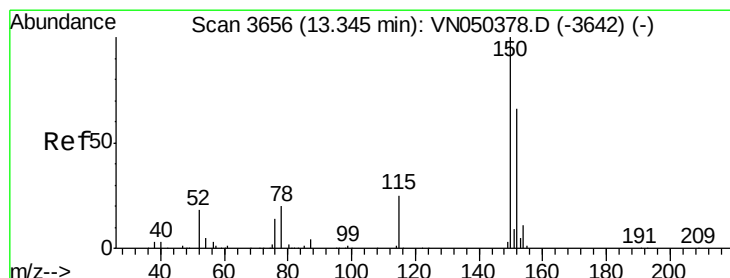
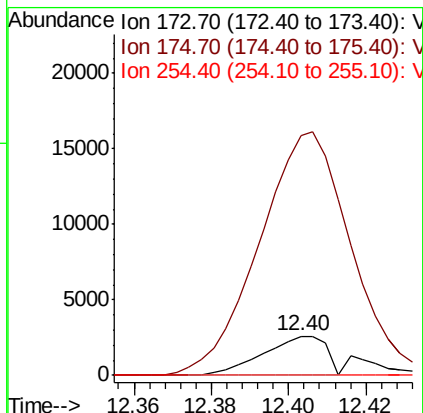
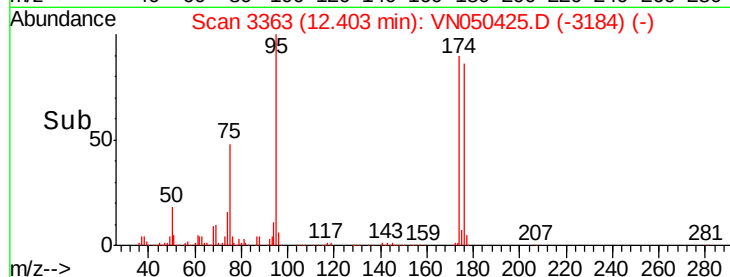
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050425.D

Acq: 7 Aug 2018 12:32

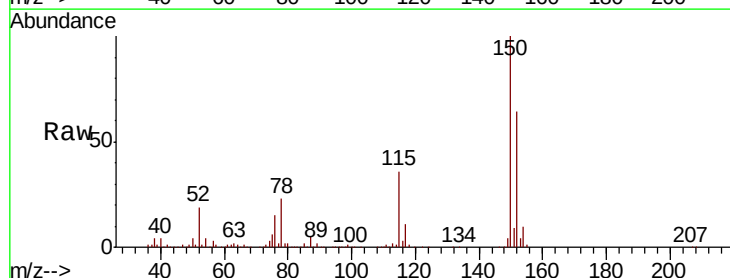
Tgt Ion:152 Resp: 338372

Ion Ratio Lower Upper

152 100

115 56.5 27.8 83.3

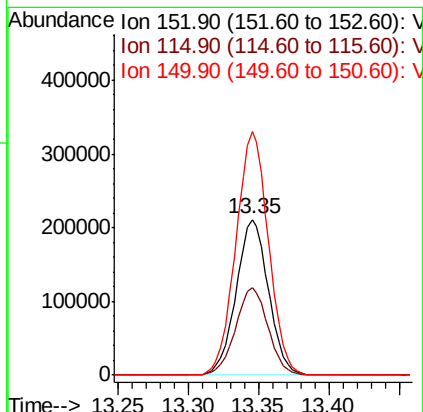
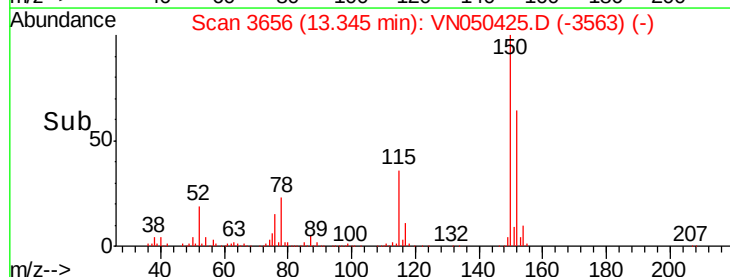
150 157.9 0.0 348.6

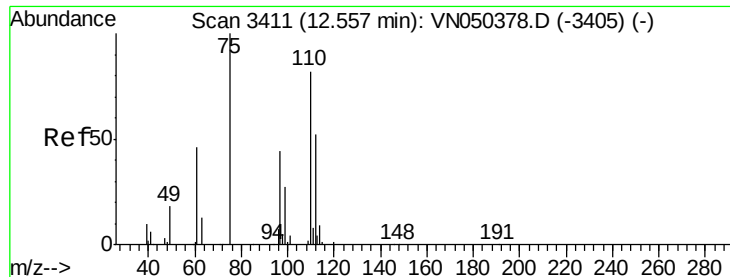


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 30.64 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050425.D

Acq: 7 Aug 2018 12:32

Instrument :

MSVOA_N

ClientSampleId :

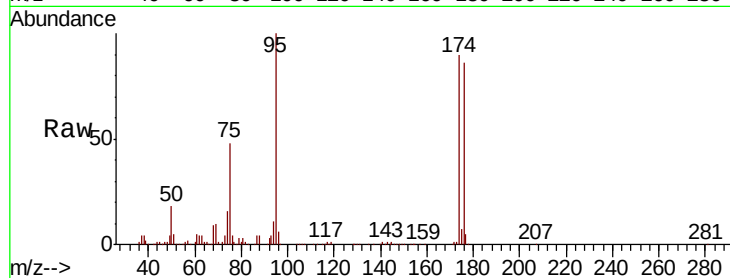
VN0807MBL01

Tot Ion: 75 Resp: 187670

Ion Ratio Lower Upper

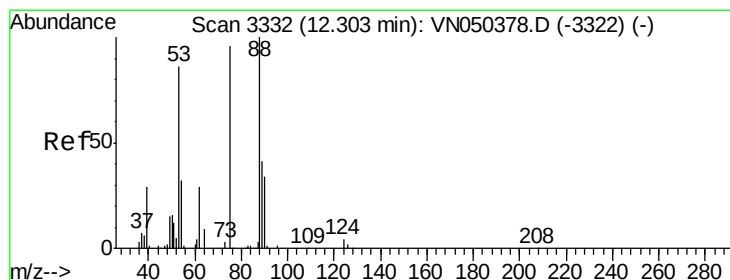
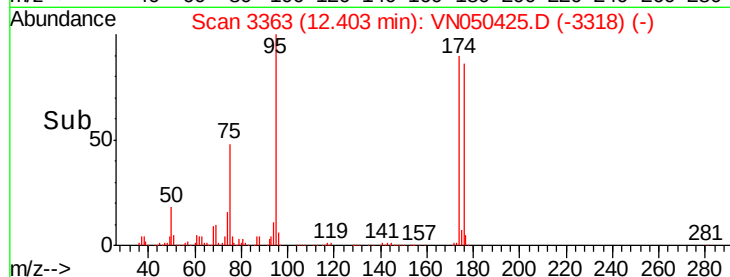
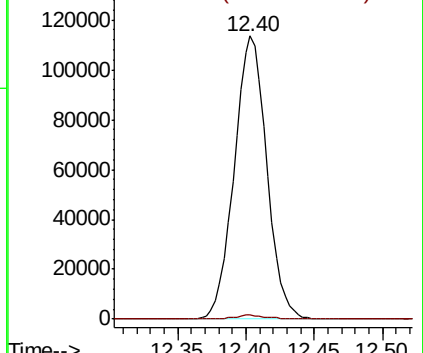
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 107.66 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050425.D

Acq: 7 Aug 2018 12:32

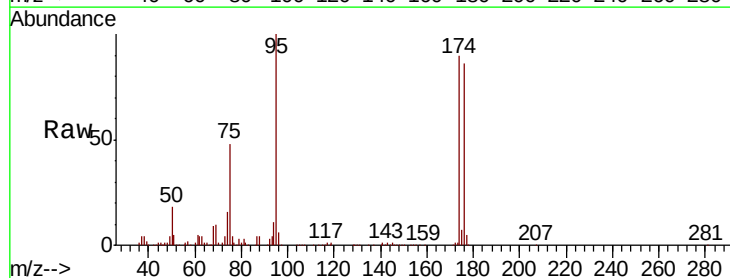
Tgt Ion: 75 Resp: 187670

Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

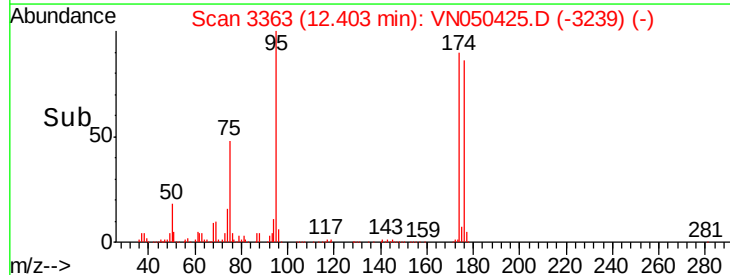
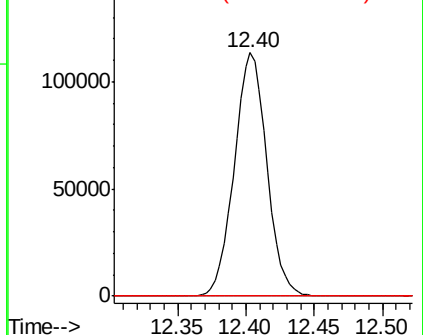
89 0.0 36.0 54.0#

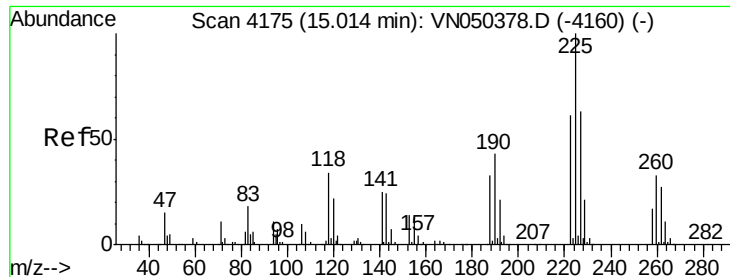


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4172

Delta R.T. -0.01 min

Lab File: VN050425.D

Acq: 7 Aug 2018 12:32

Instrument :

MSVOA_N

ClientSampled :

VN0807MBL01

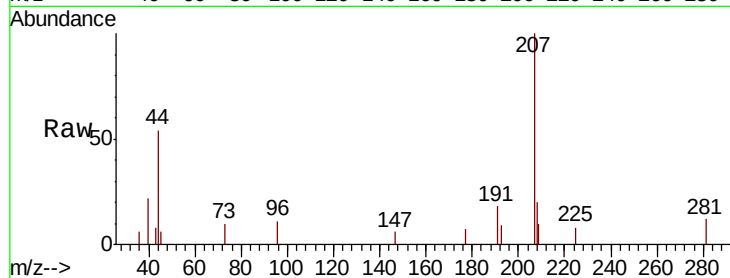
Tot Ion:225 Resp: 138

Ion Ratio Lower Upper

225 100

223 45.7 31.4 94.2

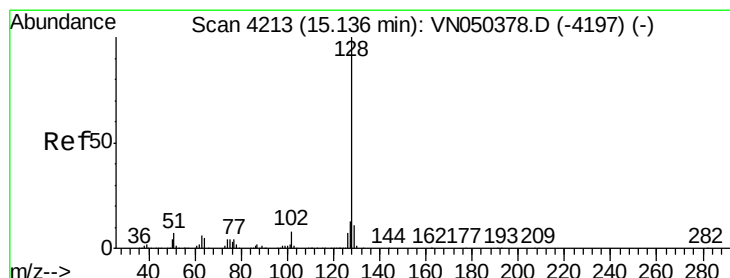
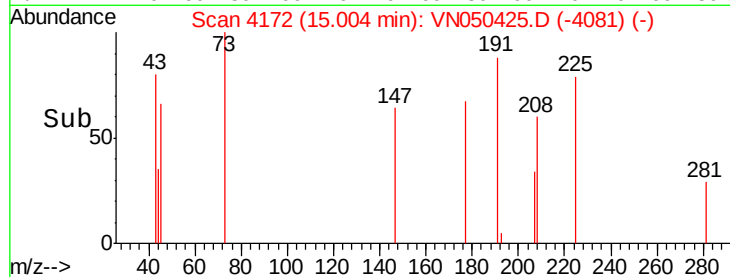
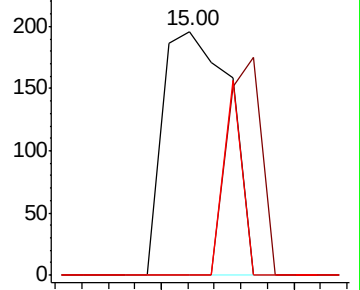
227 21.7 32.1 96.5#



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: 3.75 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050425.D

Acq: 7 Aug 2018 12:32

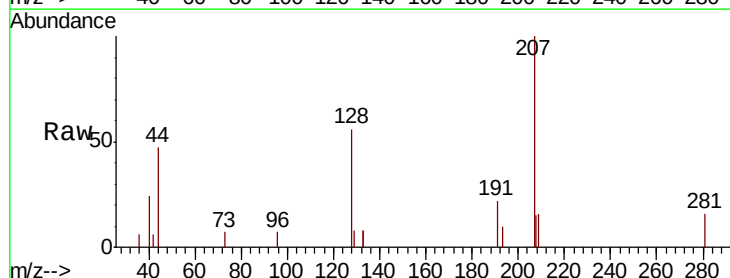
Tgt Ion:128 Resp: 2305

Ion Ratio Lower Upper

128 100

127 2.9 10.4 15.6#

129 6.3 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

