

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092418\
 Data File : VN051448.D
 Acq On : 24 Sep 2018 9:38
 Operator : MD\SY
 Sample : VN0924MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBL01

Quant Time: Sep 25 01:54:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	668164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1031734	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	859198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	305849	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	459120	54.85	ug/l	0.00
Spiked Amount			Recovery	=	109.70%	
35) Dibromofluoromethane	7.59	113	405271	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	
50) Toluene-d8	10.09	98	1474991	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	
62) 4-Bromofluorobenzene	12.40	95	382938	38.10	ug/l	0.00
Spiked Amount			Recovery	=	76.20%	

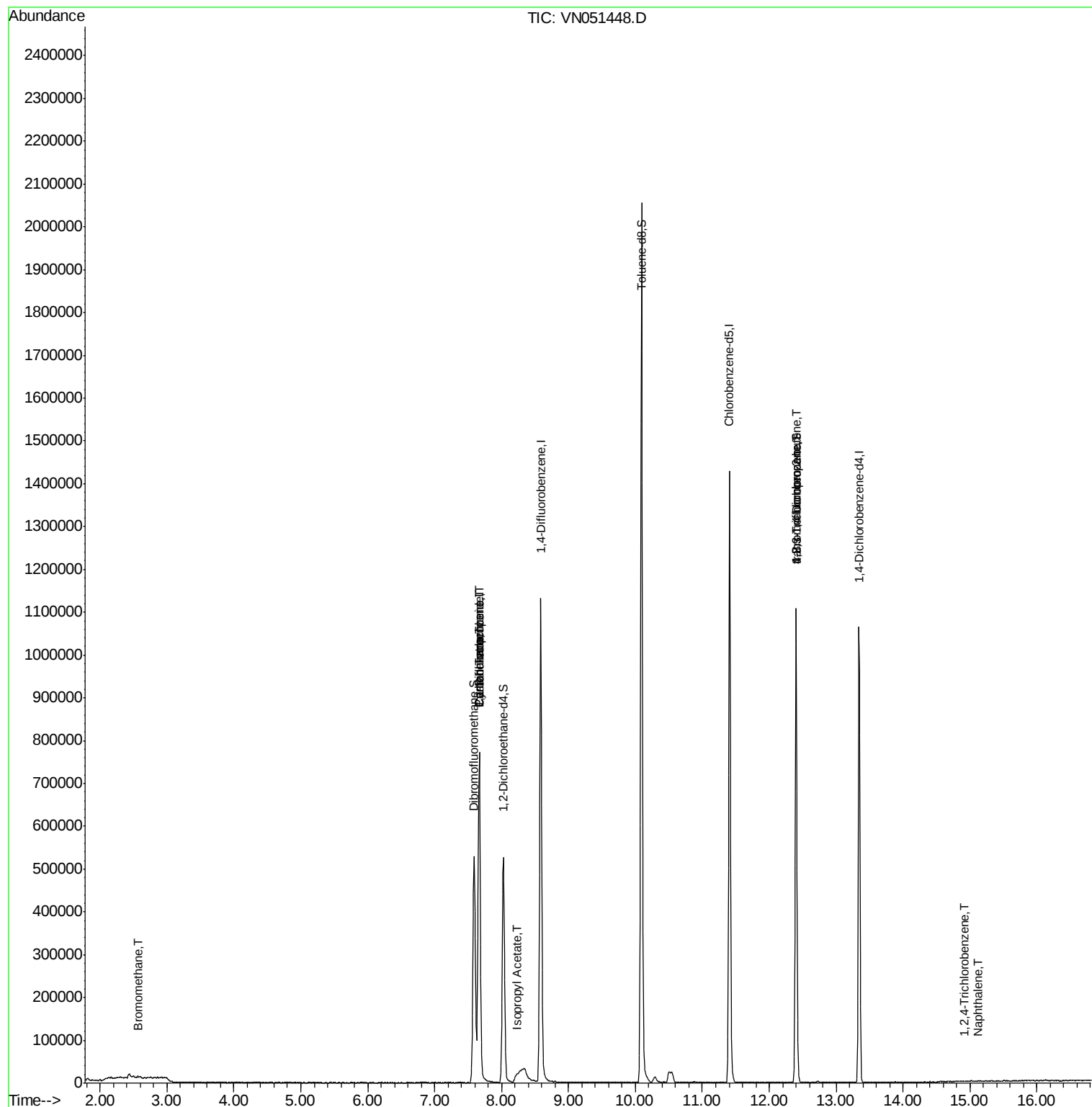
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	1229	0.246	ug/l	83
16) Acetone	3.82	43	277	Below Cal	#	43
31) Cyclohexane	7.67	56	12979	0.985	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	48394	4.050	ug/l #	48
38) Carbon Tetrachloride	7.67	117	61859	4.950	ug/l #	16
43) Isopropyl Acetate	8.23	43	14104	1.135	ug/l #	60
76) 1,2,3-Trichloropropane	12.40	75	186937	36.818	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	186937	113.214	ug/l #	13
93) 1,2,4-Trichlorobenzene	14.91	180	128	6.001	ug/l #	24
95) Naphthalene	15.13	128	377	8.072	ug/l #	69

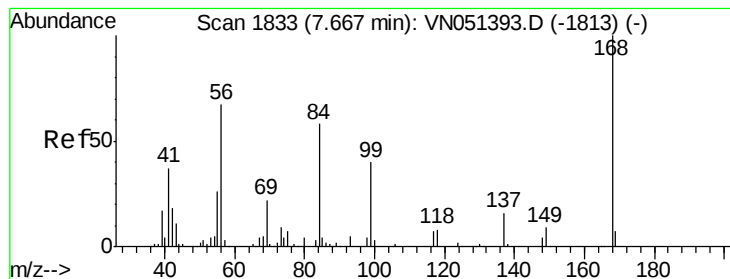
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092418\
Data File : VN051448.D
Acq On : 24 Sep 2018 9:38
Operator : MD\SY
Sample : VN0924MBL01
Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0924MBL01

Quant Time: Sep 25 01:54:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051448.D

Acq: 24 Sep 2018 9:38

Instrument :

MSVOA_N

ClientSampleId :

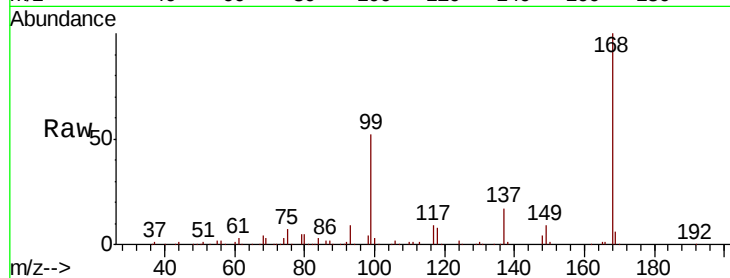
VN0924MBL01

Tot Ion:168 Resp: 668164

Ion Ratio Lower Upper

168 100

99 51.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

300000

250000

200000

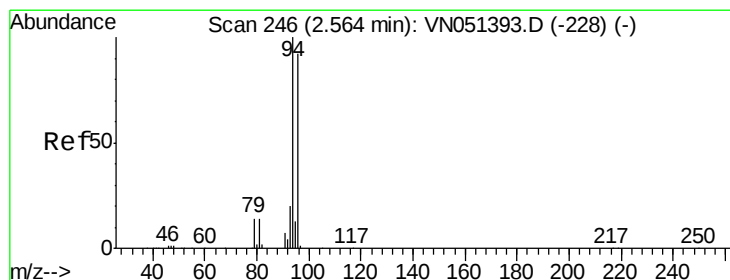
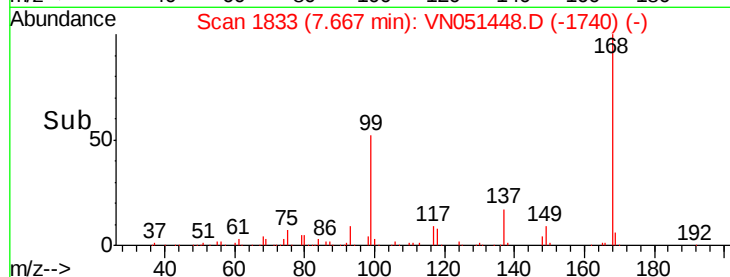
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.246 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN051448.D

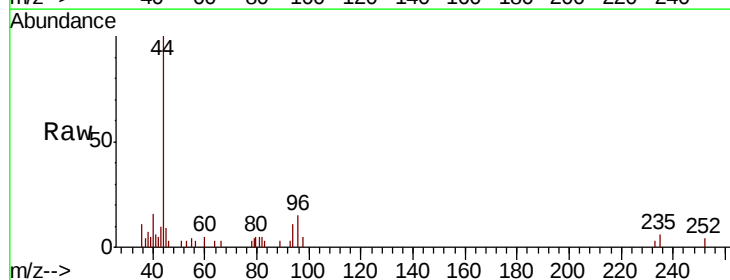
Acq: 24 Sep 2018 9:38

Tgt Ion: 94 Resp: 1229

Ion Ratio Lower Upper

94 100

96 108.2 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN

2.57

1000

800

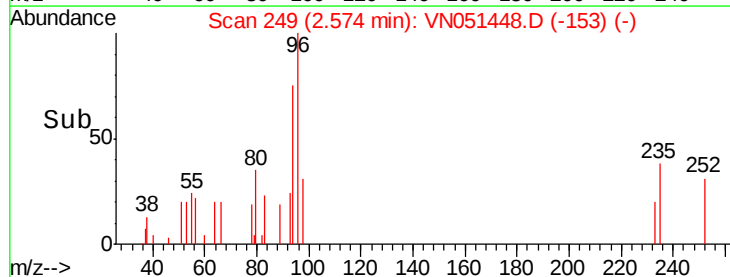
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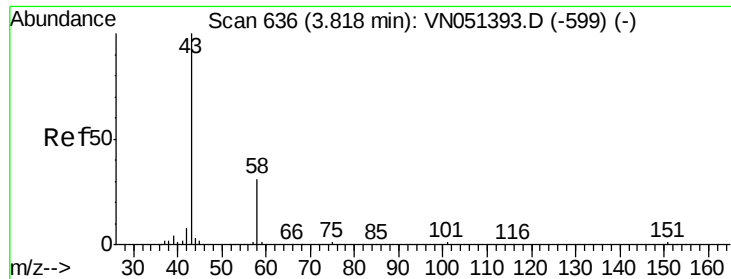
400

200

0

Time-->





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN051448.D

Acq: 24 Sep 2018 9:38

Instrument :

MSVOA_N

ClientSampleId :

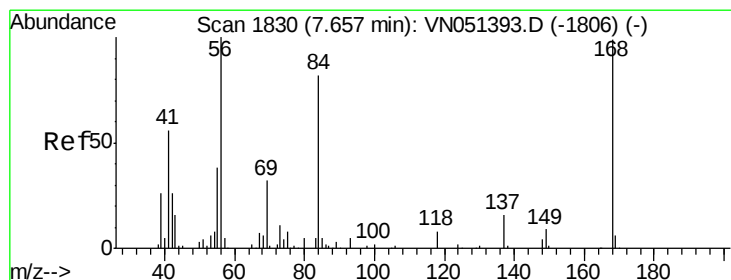
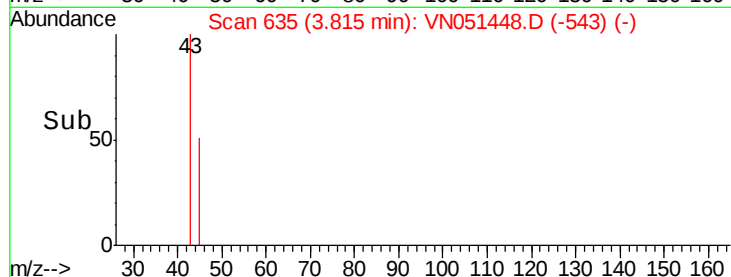
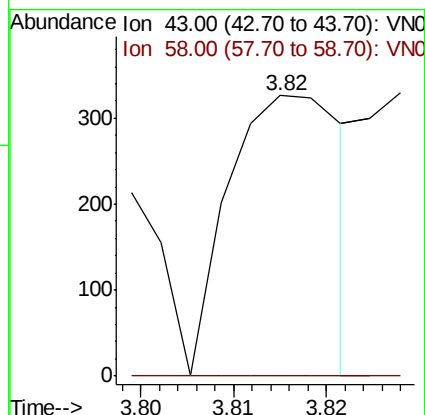
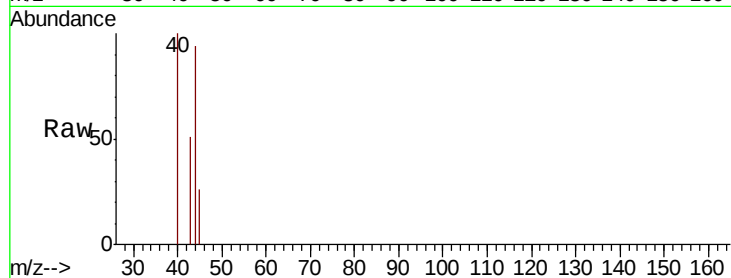
VN0924MBL01

Tot Ion: 43 Resp: 277

Ion Ratio Lower Upper

43 100

58 0.0 25.0 37.4#



#31

Cyclohexane

Concen: 0.985 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN051448.D

Acq: 24 Sep 2018 9:38

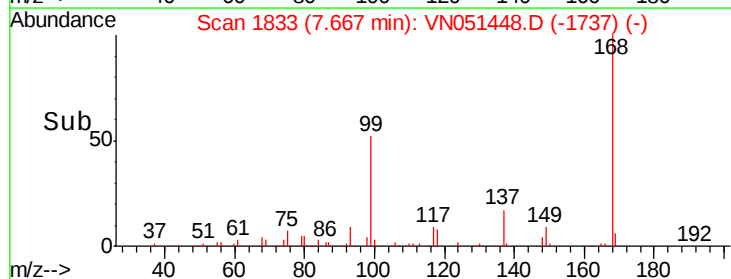
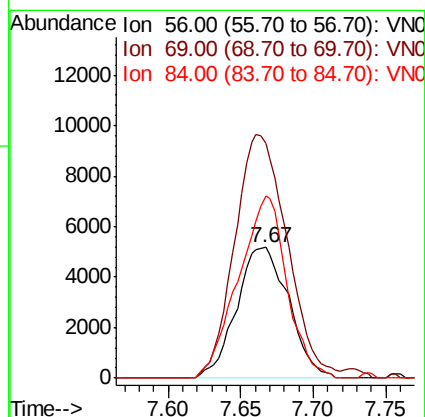
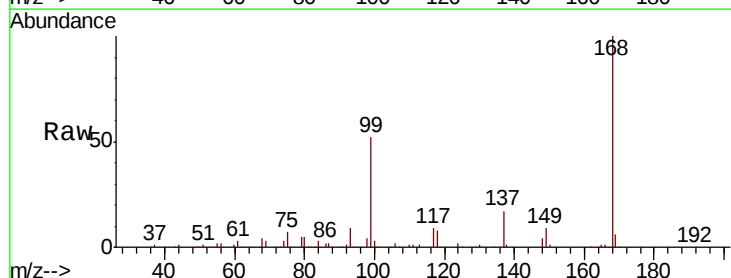
Tgt Ion: 56 Resp: 12979

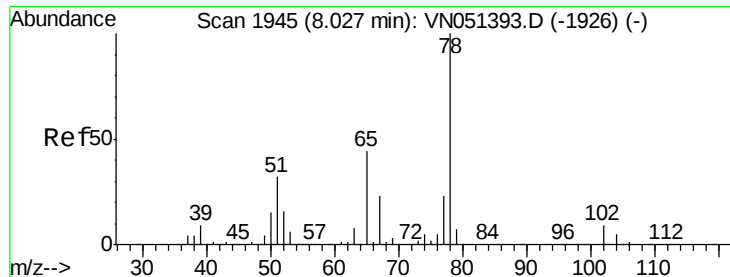
Ion Ratio Lower Upper

56 100

69 180.0 25.8 38.6#

84 140.0 66.0 99.0#

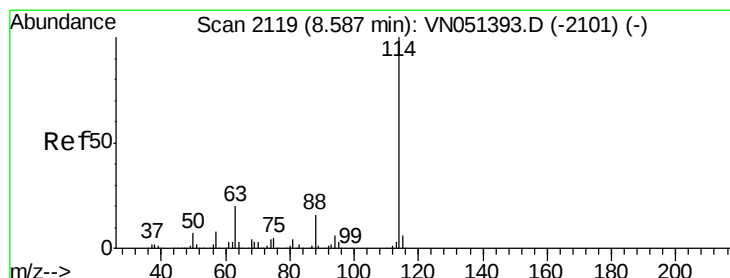
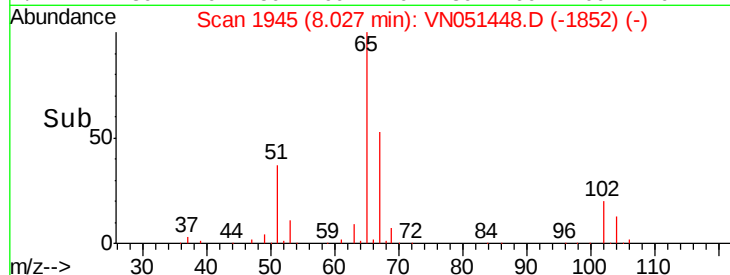
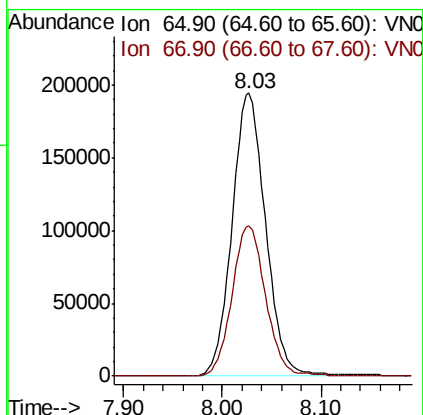
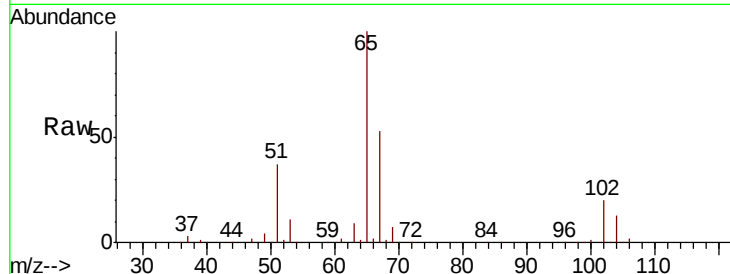




#33
 1,2-Dichloroethane-d4
 Concen: 54.853 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051448.D
 Acq: 24 Sep 2018 9:38

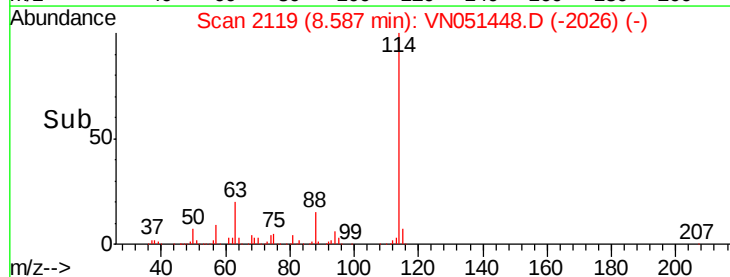
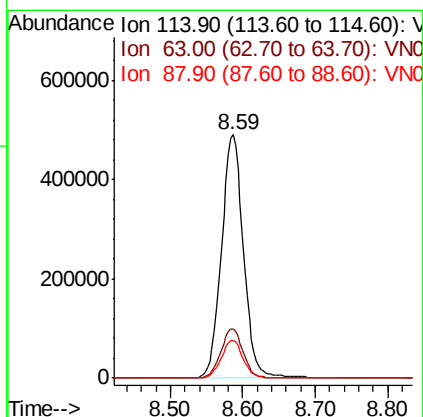
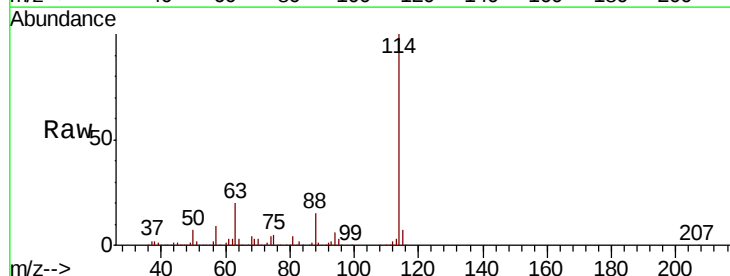
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBL01

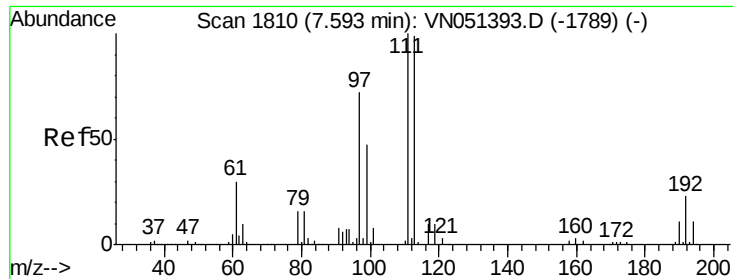
Tot Ion: 65 Resp: 459120
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051448.D
 Acq: 24 Sep 2018 9:38

Tgt Ion: 114 Resp: 1031734
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.2
 88 15.4 0.0 31.4

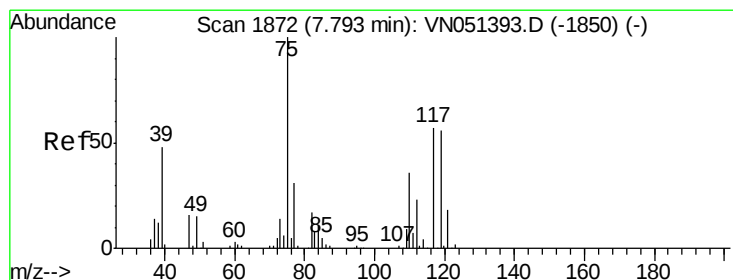
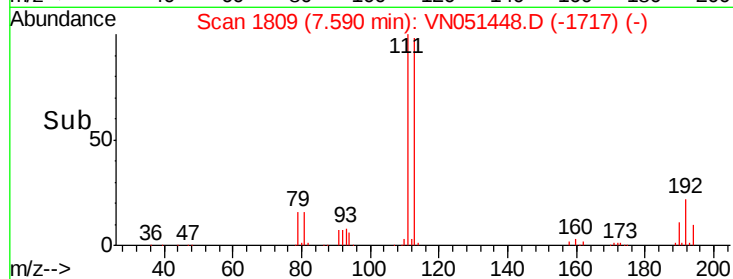
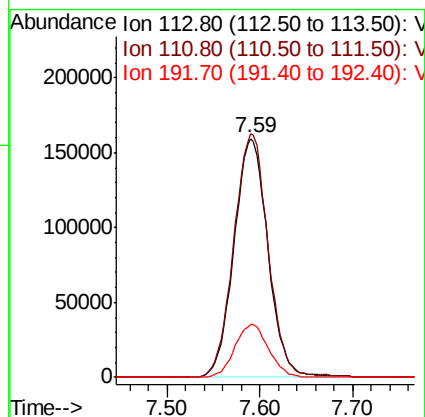
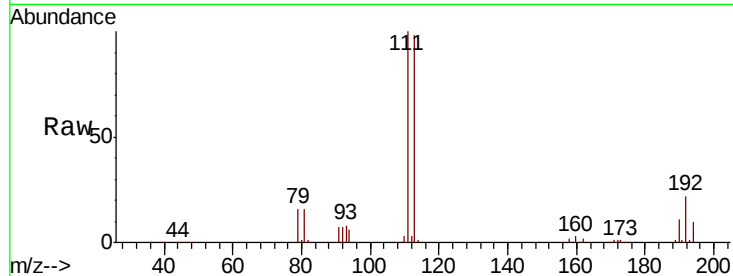




#35
 Dibromofluoromethane
 Concen: 49.122 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051448.D
 Acq: 24 Sep 2018 9:38

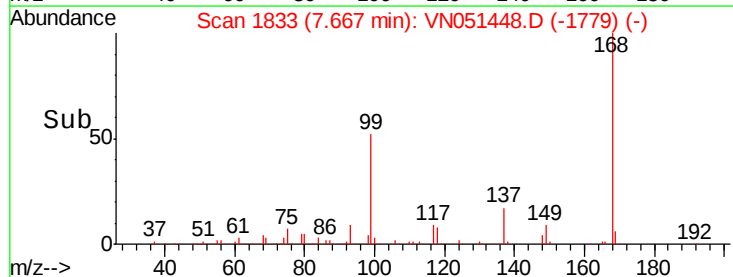
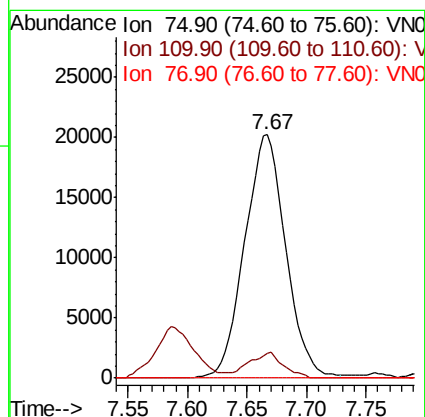
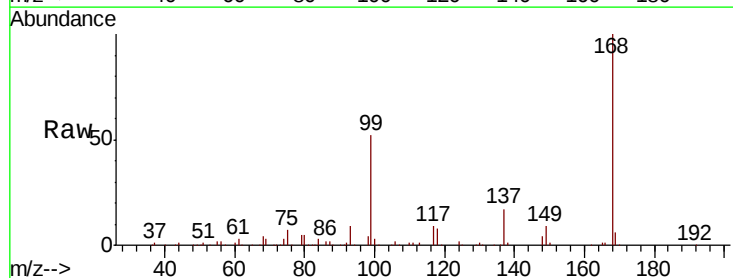
Instrument :
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 VN0924MBL01

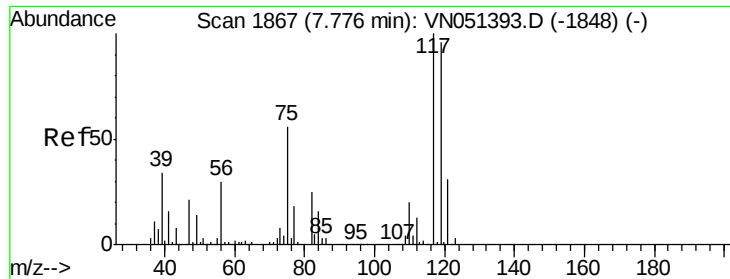
Tot Ion:113 Resp: 405271
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.6 123.8
 192 22.1 18.0 27.0



#36
 1,1-Dichloropropene
 Concen: 4.050 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051448.D
 Acq: 24 Sep 2018 9:38

Tgt Ion: 75 Resp: 48394
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.1 54.3#
 77 0.0 25.6 38.4#

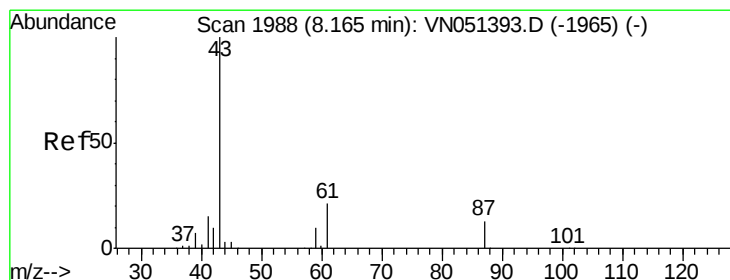
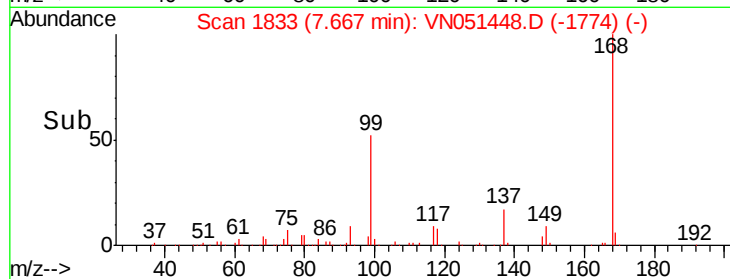
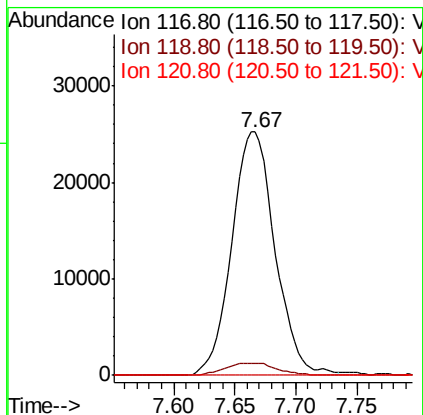
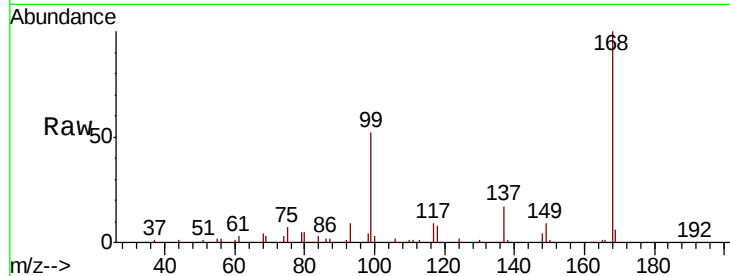




#38
Carbon Tetrachloride
Concen: 4.950 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051448.D
Acq: 24 Sep 2018 9:38

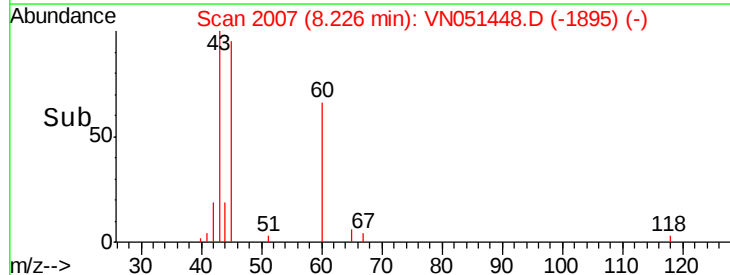
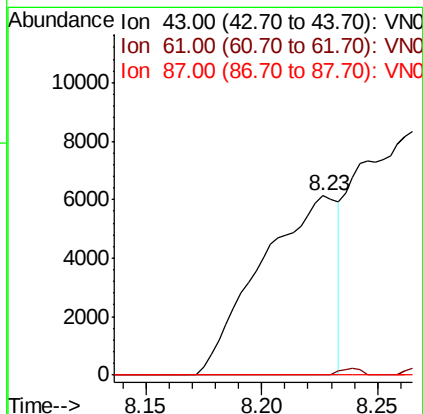
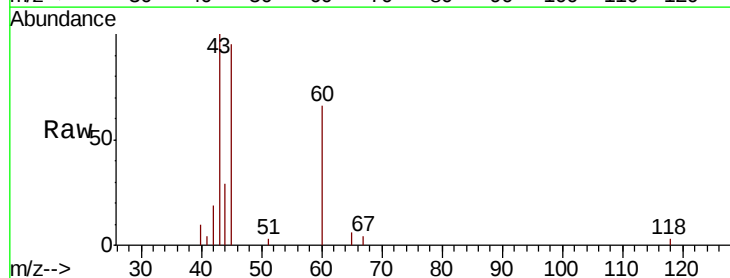
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBL01

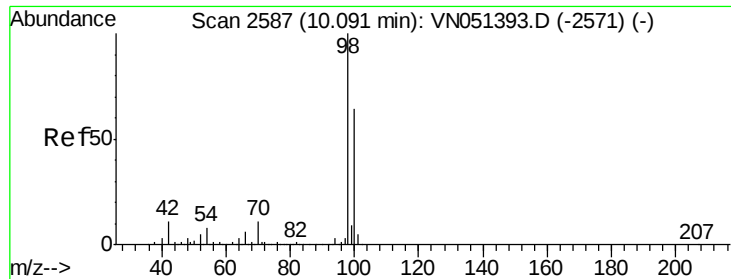
Tot Ion:117 Resp: 61859
Ion Ratio Lower Upper
117 100
119 5.1 76.9 115.3#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 1.135 ug/l
RT: 8.23 min Scan# 2007
Delta R.T. 0.06 min
Lab File: VN051448.D
Acq: 24 Sep 2018 9:38

Tgt Ion: 43 Resp: 14104
Ion Ratio Lower Upper
43 100
61 0.0 16.8 25.2#
87 0.0 10.7 16.1#





#50

Toluene-d8

Concen: 47.477 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051448.D

Acq: 24 Sep 2018 9:38

Instrument :

MSVOA_N

ClientSampleId :

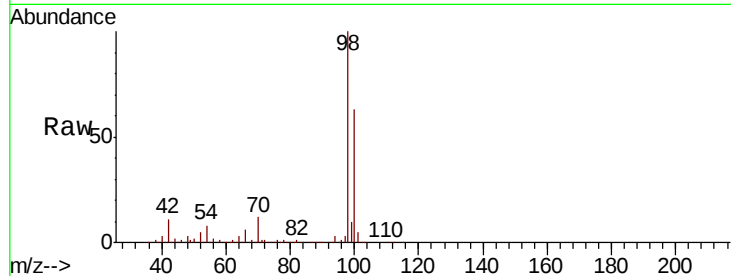
VN0924MBL01

Tot Ion: 98 Resp: 1474991

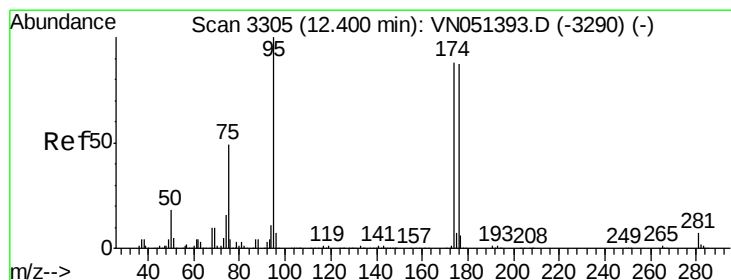
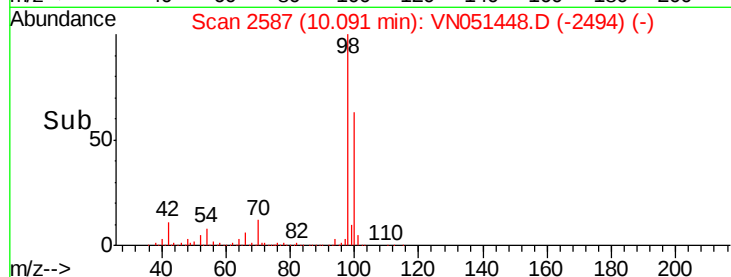
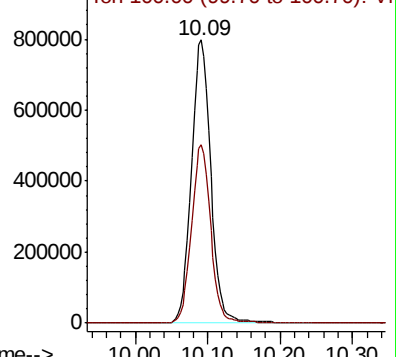
Ion Ratio Lower Upper

98 100

100 62.6 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN051393.D (-2571) (-)



#62

4-Bromofluorobenzene

Concen: 38.102 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN051448.D

Acq: 24 Sep 2018 9:38

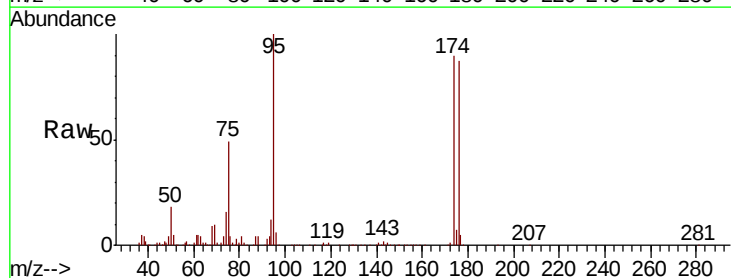
Tgt Ion: 95 Resp: 382938

Ion Ratio Lower Upper

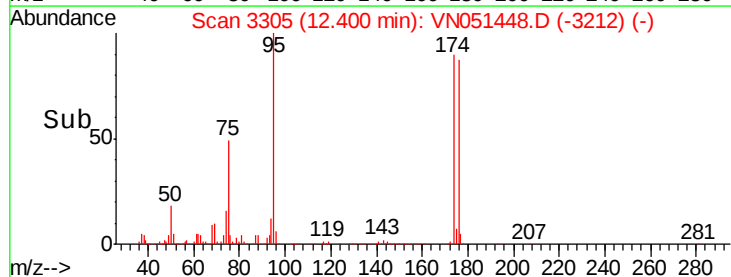
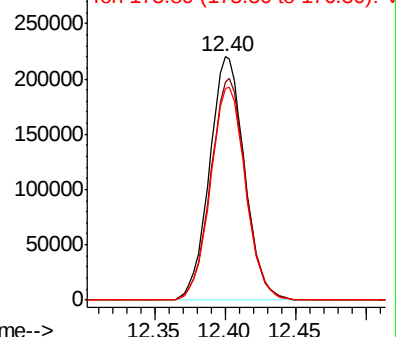
95 100

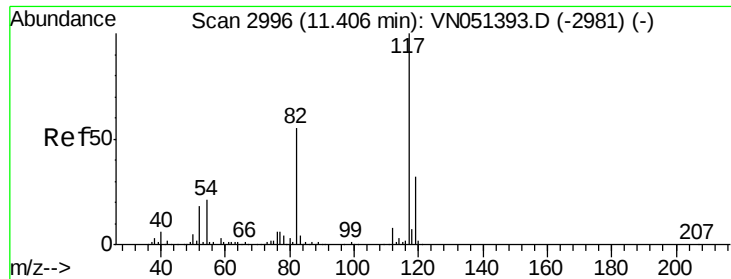
174 91.0 0.0 181.6

176 87.5 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

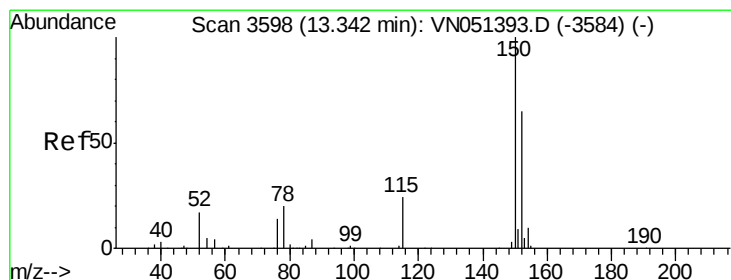
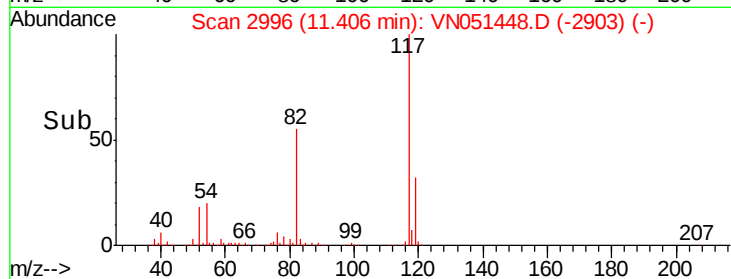
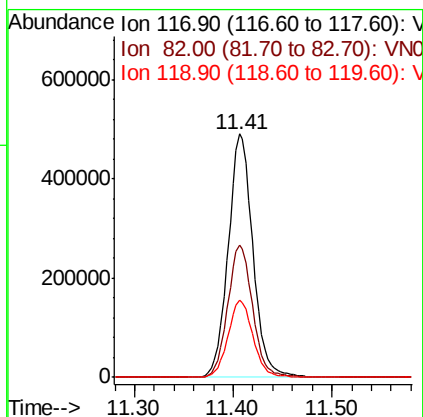
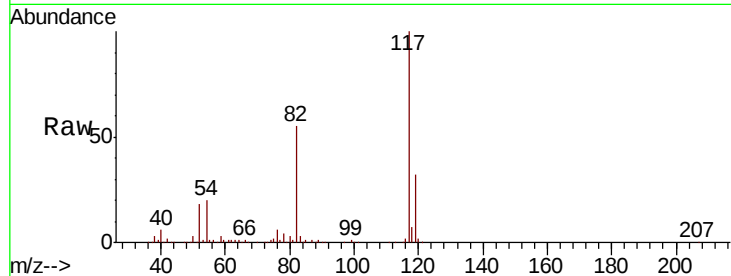




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051448.D
Acq: 24 Sep 2018 9:38

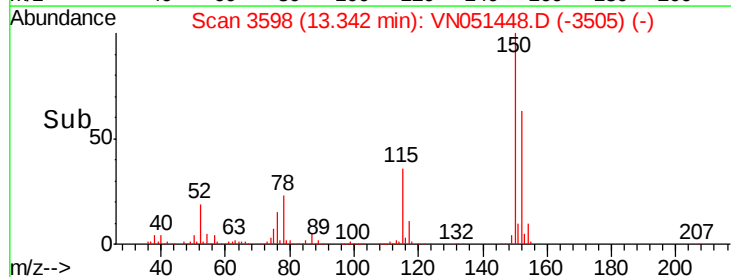
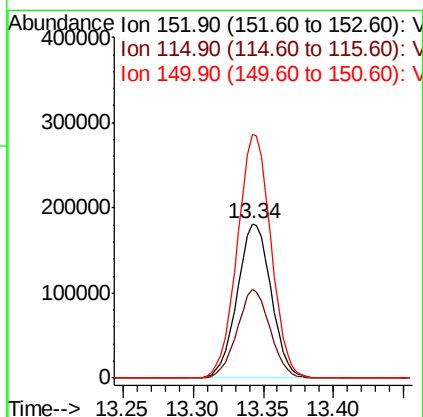
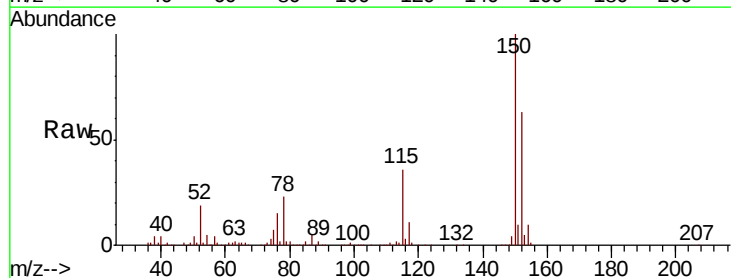
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBL01

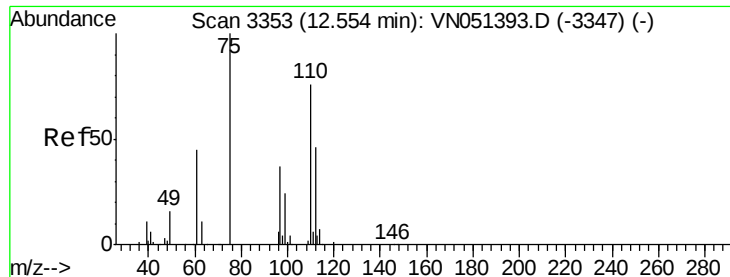
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.2	66.2
119	31.5	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN051448.D
Acq: 24 Sep 2018 9:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.3	84.9
150	156.3	0.0	353.6





#76

1,2,3-Trichloropropane

Concen: 36.818 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN051448.D

Acq: 24 Sep 2018 9:38

Instrument :

MSVOA_N

ClientSampleId :

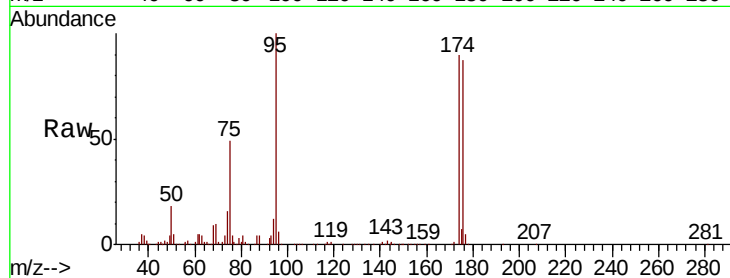
VN0924MBL01

Tot Ion: 75 Resp: 186937

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

120000

100000

80000

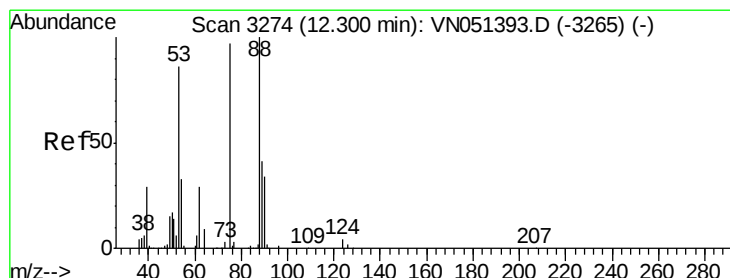
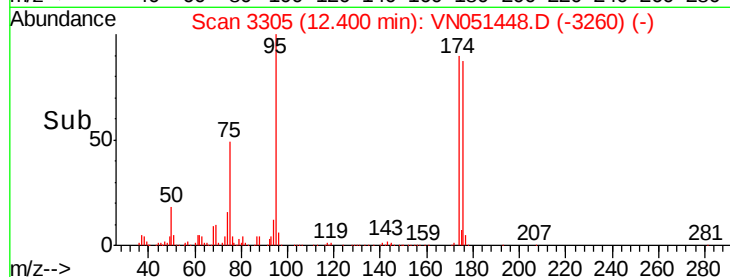
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 113.214 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN051448.D

Acq: 24 Sep 2018 9:38

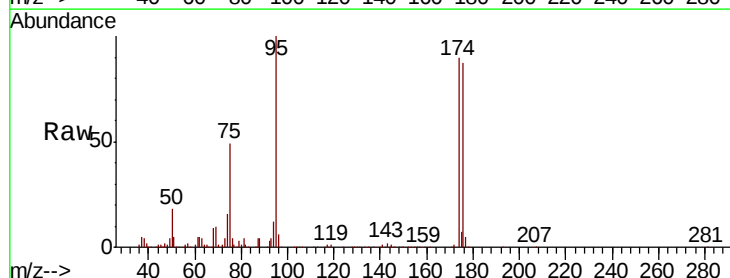
Tgt Ion: 75 Resp: 186937

Ion Ratio Lower Upper

75 100

53 0.2 73.9 110.9#

89 0.0 36.7 55.1#



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

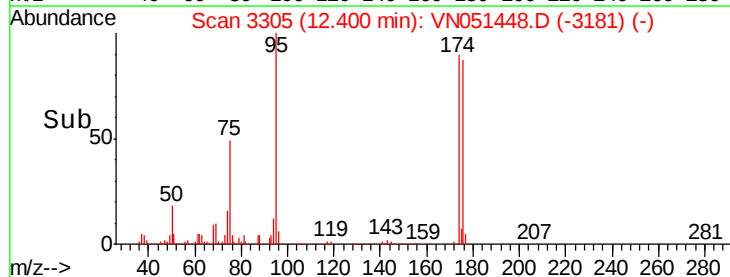
150000

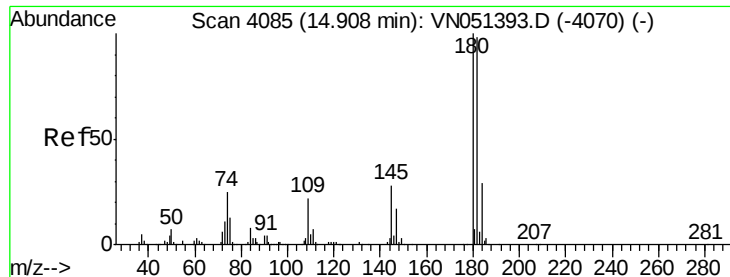
100000

50000

0

Time-->

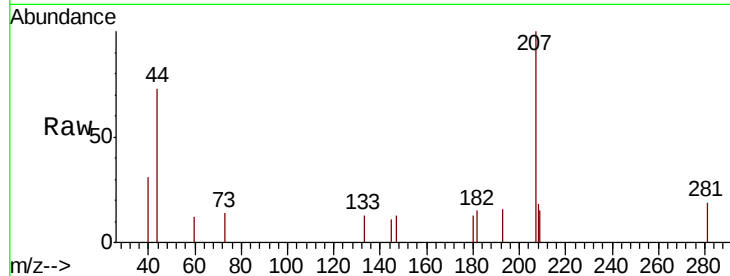




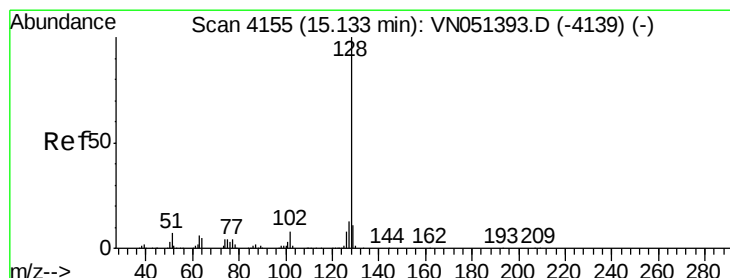
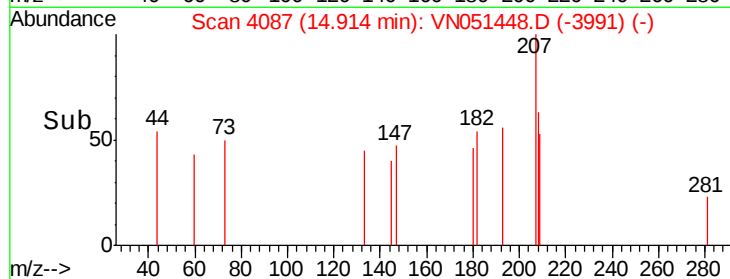
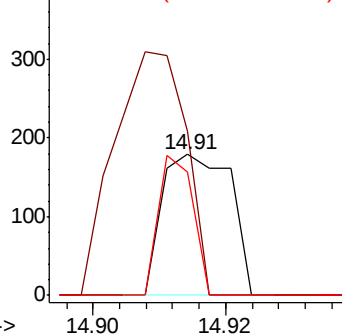
#93
 1,2,4-Trichlorobenzene
 Concen: 6.001 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.01 min
 Lab File: VN051448.D
 Acq: 24 Sep 2018 9:38

Instrument :
 MSVOA_N
 ClientSampled :
 VN0924MBL01

Tot Ion:180 Resp: 128
 Ion Ratio Lower Upper
 180 100
 182 181.3 48.5 145.6#
 145 50.0 14.1 42.4#

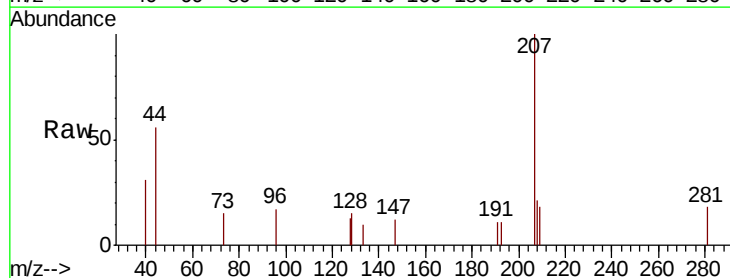


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 8.072 ug/l
 RT: 15.13 min Scan# 4153
 Delta R.T. -0.01 min
 Lab File: VN051448.D
 Acq: 24 Sep 2018 9:38

Tgt Ion:128 Resp: 377
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.5 15.7#
 129 0.0 8.6 12.8#



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

