

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091219\
 Data File : VN057939.D
 Acq On : 11 Sep 2019 21:16
 Operator : JC/SP
 Sample : K4836-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP

Quant Time: Sep 12 02:32:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	275120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	456045	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	414987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	208222	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	298702	53.60	ug/l	0.00
Spiked Amount			Recovery	=	107.20%	
35) Dibromofluoromethane	7.58	113	205695	48.87	ug/l	0.00
Spiked Amount			Recovery	=	97.74%	
50) Toluene-d8	10.09	98	808130	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.41	95	265078	42.56	ug/l	0.00
Spiked Amount			Recovery	=	85.12%	

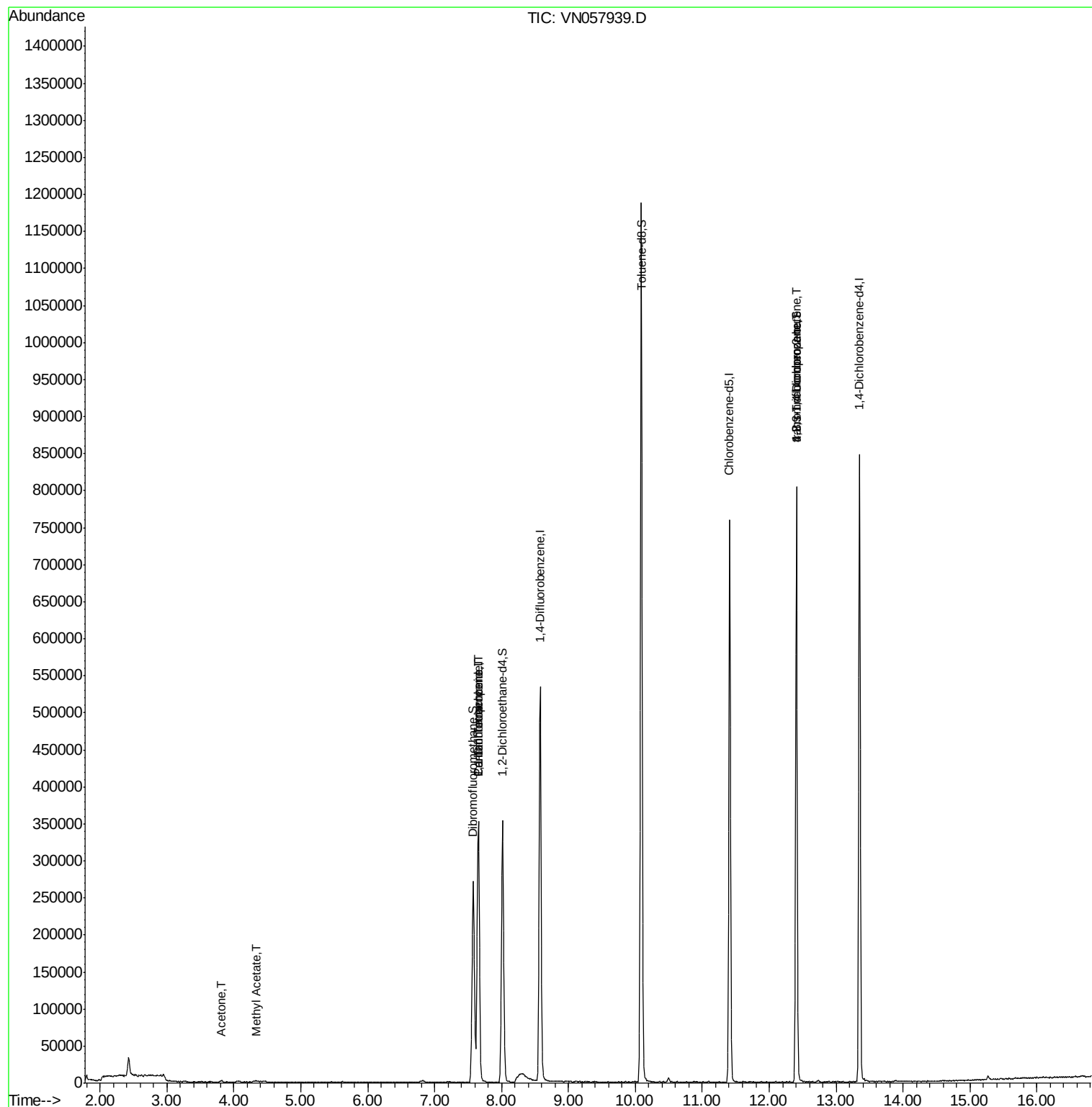
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.53	94	64	Below Cal		94
16) Acetone	3.81	43	4385	2.400	ug/l	98
18) Methyl Acetate	4.33	43	2404	0.494	ug/l #	65
20) Methylene Chloride	4.54	84	108	Below Cal	#	4
31) Cyclohexane	7.65	56	7528	Below Cal	#	30
36) 1,1-Dichloropropene	7.65	75	24204	4.576	ug/l #	52
38) Carbon Tetrachloride	7.65	117	28712	5.946	ug/l #	16
76) 1,2,3-Trichloropropane	12.41	75	144169	30.607	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	144169	107.706	ug/l #	6
95) Naphthalene	15.14	128	772	Below Cal	#	75

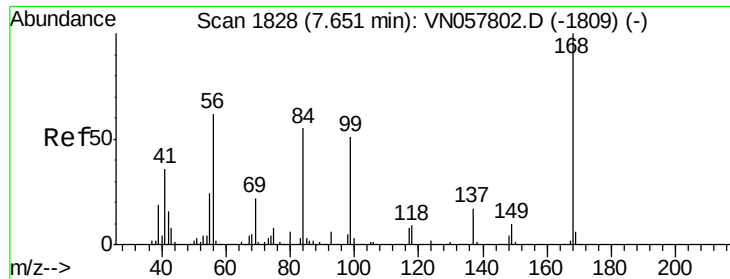
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057939.D

Acq: 11 Sep 2019 21:16

Instrument :

MSVOA_N

ClientSampled :

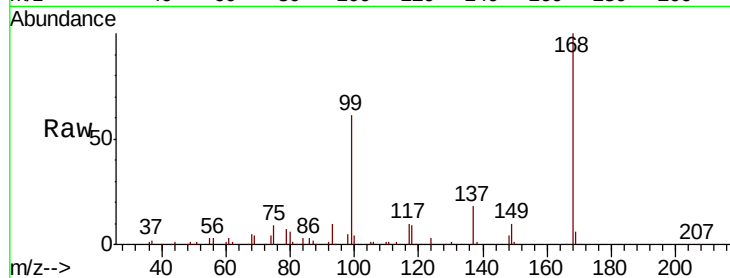
TRIP

Tgt Ion: 168 Resp: 275120

Ion Ratio Lower Upper

168 100

99 61.3 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VN057802.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057802.D (-1809) (-)

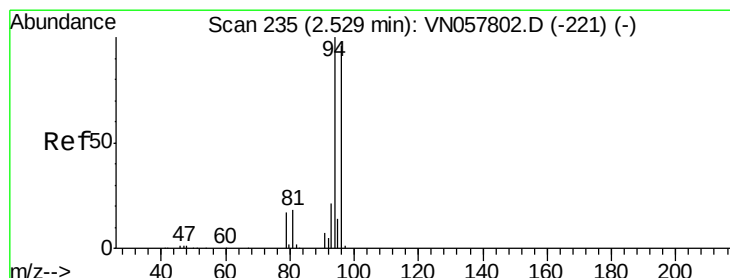
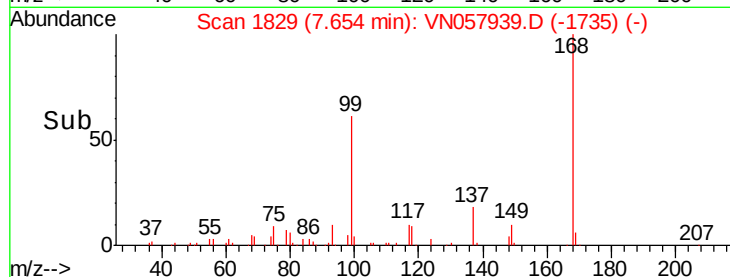
7.65

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.53 min Scan# 234

Delta R.T. -0.00 min

Lab File: VN057939.D

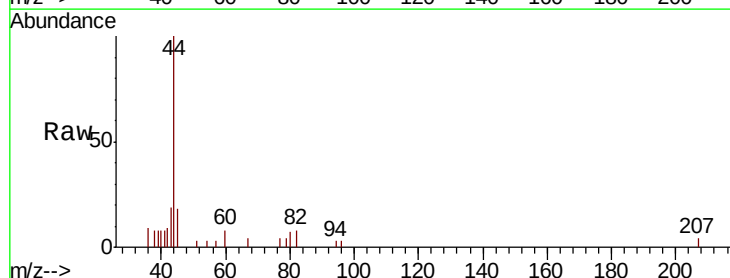
Acq: 11 Sep 2019 21:16

Tgt Ion: 94 Resp: 64

Ion Ratio Lower Upper

94 100

96 90.4 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN057802.D (-221) (-)

Ion 95.90 (95.60 to 96.60): VN057802.D (-221) (-)

2.53

200

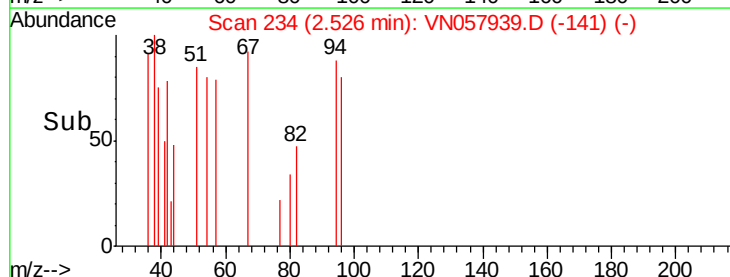
150

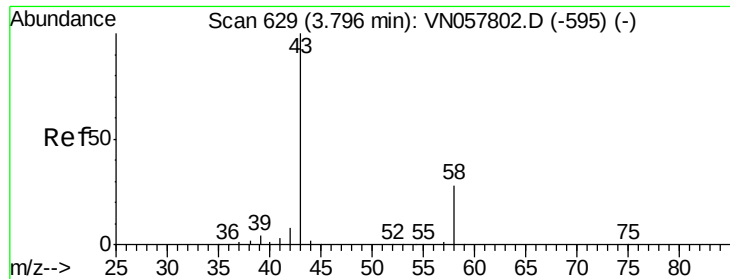
100

50

0

Time-->





#16

Acetone

Concen: 2.400 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.02 min

Lab File: VN057939.D

Acq: 11 Sep 2019 21:16

Instrument :

MSVOA_N

ClientSampled :

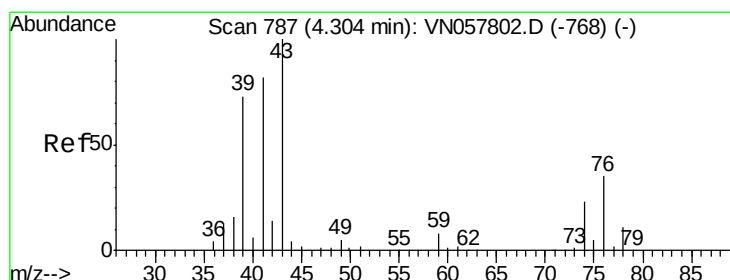
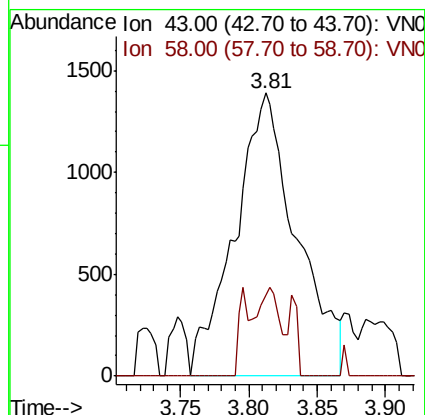
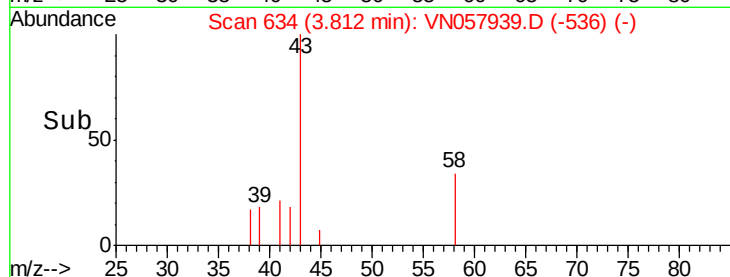
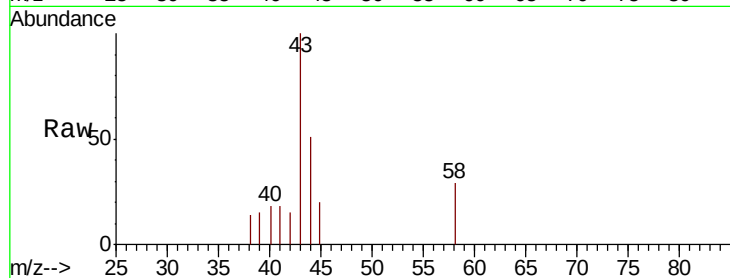
TRIP

Tgt Ion: 43 Resp: 4385

Ion Ratio Lower Upper

43 100

58 28.8 22.2 33.2



#18

Methyl Acetate

Concen: 0.494 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.03 min

Lab File: VN057939.D

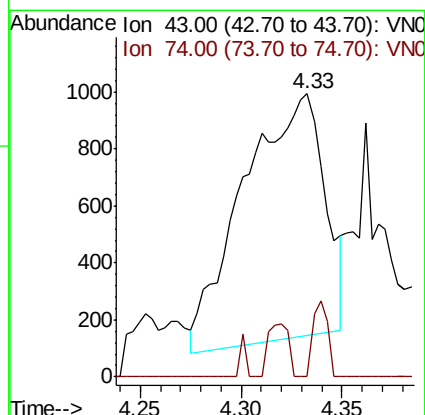
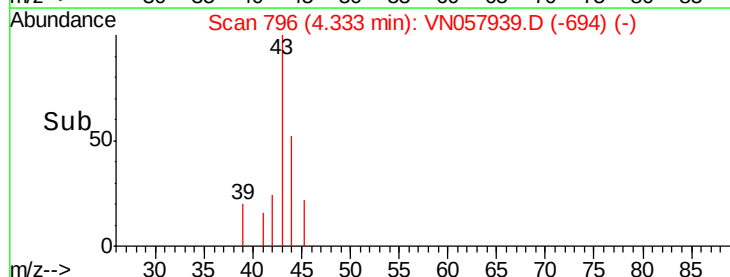
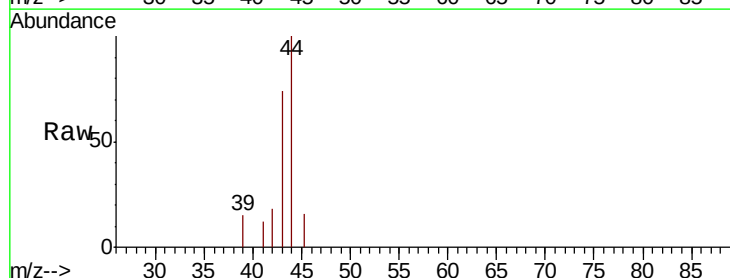
Acq: 11 Sep 2019 21:16

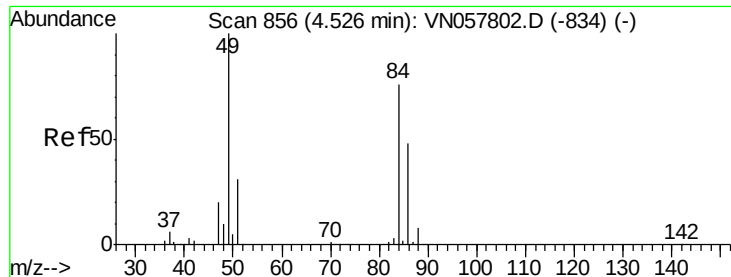
Tgt Ion: 43 Resp: 2404

Ion Ratio Lower Upper

43 100

74 5.5 17.9 26.9#

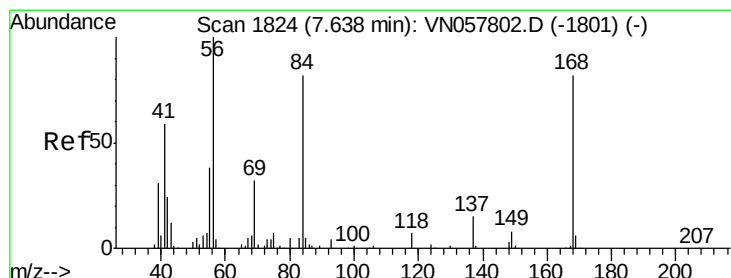
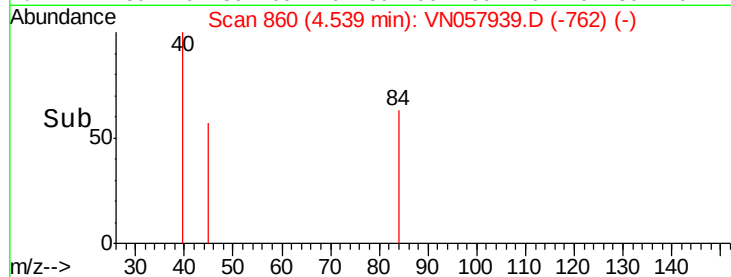
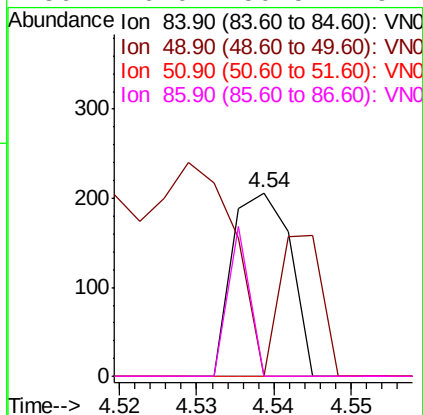
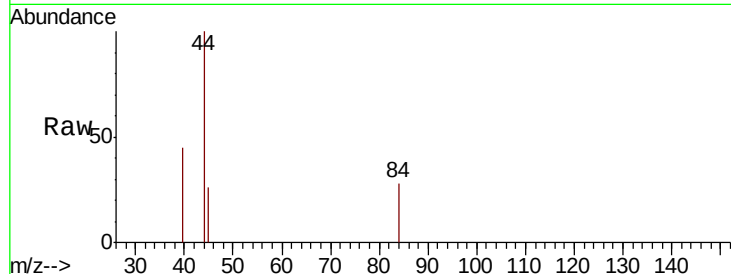




#20
Methylene Chloride
Concen: Below Cal
RT: 4.54 min Scan# 860
Delta R.T. 0.01 min
Lab File: VN057939.D
Acq: 11 Sep 2019 21:16

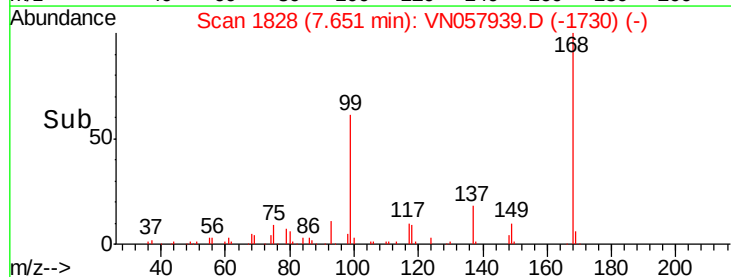
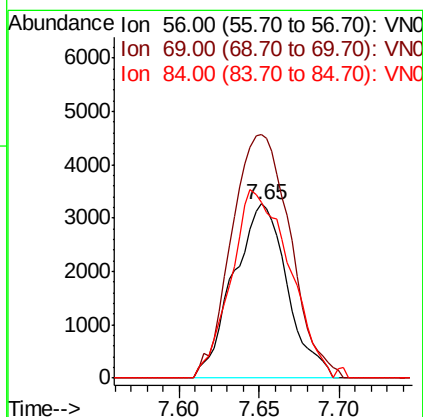
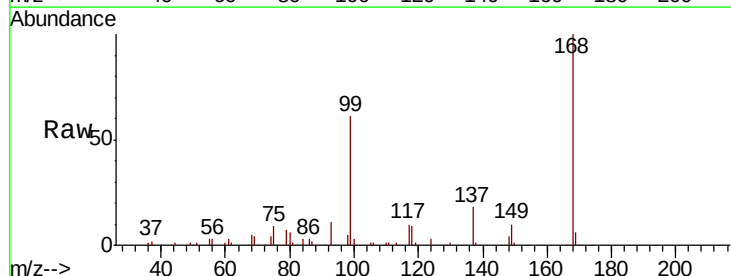
Instrument :
MSVOA_N
ClientSampled :
TRIP

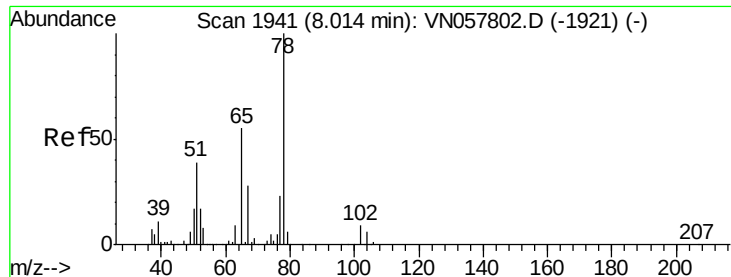
Tgt Ion: 84 Resp: 108
Ion Ratio Lower Upper
84 100
49 0.0 104.8 157.2#
51 0.0 33.0 49.4#
86 0.0 50.5 75.7#



#31
Cyclohexane
Concen: Below Cal
RT: 7.65 min Scan# 1828
Delta R.T. 0.01 min
Lab File: VN057939.D
Acq: 11 Sep 2019 21:16

Tgt Ion: 56 Resp: 7528
Ion Ratio Lower Upper
56 100
69 139.9 25.9 38.9#
84 101.3 65.6 98.4#

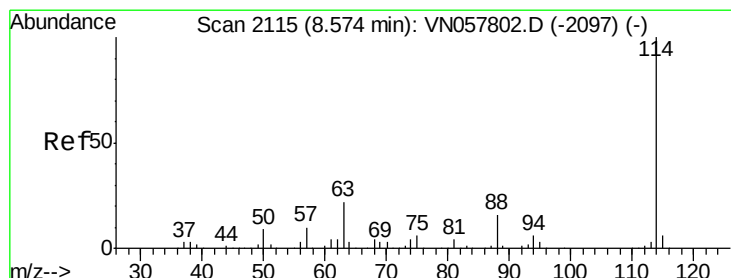
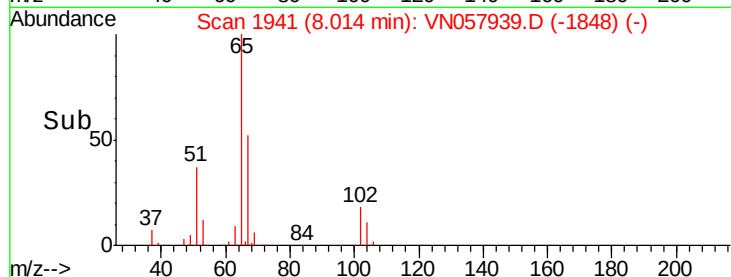
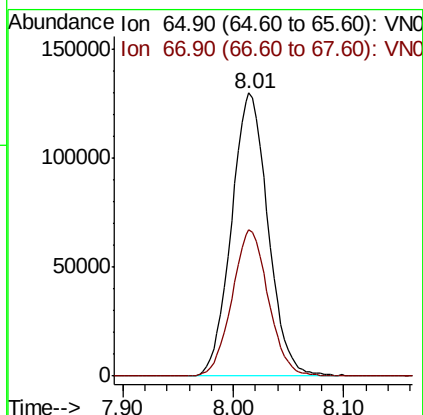
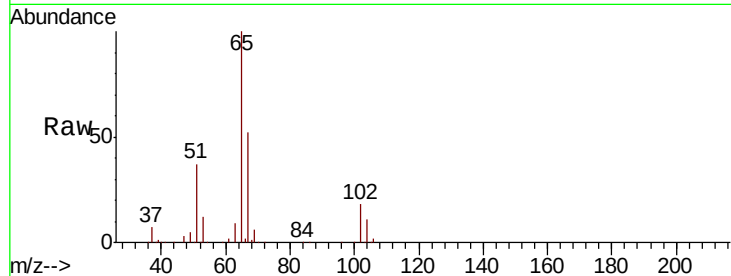




#33
 1,2-Dichloroethane-d4
 Concen: 53.604 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057939.D
 Acq: 11 Sep 2019 21:16

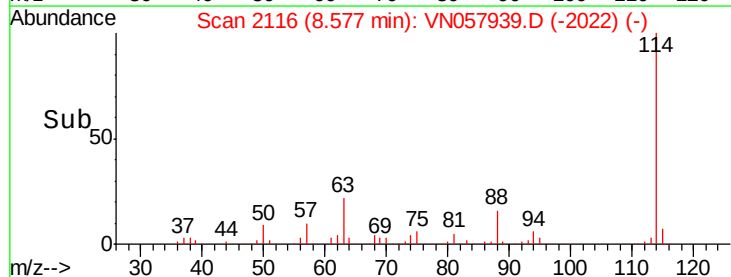
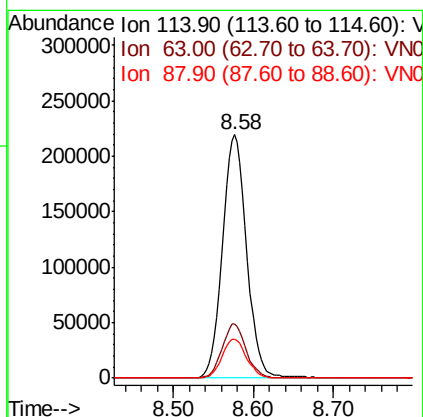
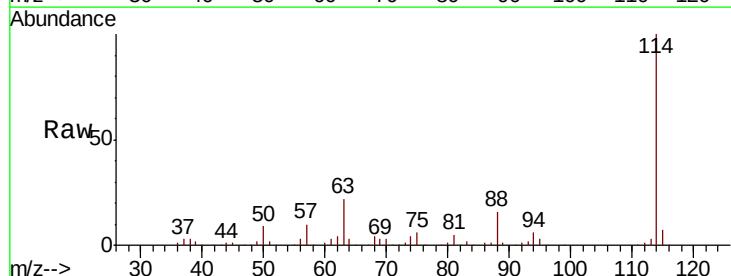
Instrument :
 MSVOA_N
 ClientSampled :
 TRIP

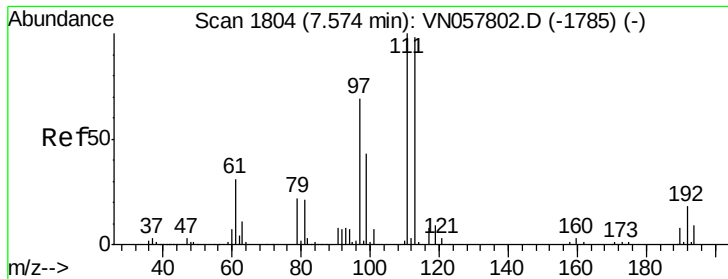
Tgt Ion: 65 Resp: 298702
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057939.D
 Acq: 11 Sep 2019 21:16

Tgt Ion: 114 Resp: 456045
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 44.0
 88 16.2 0.0 31.4

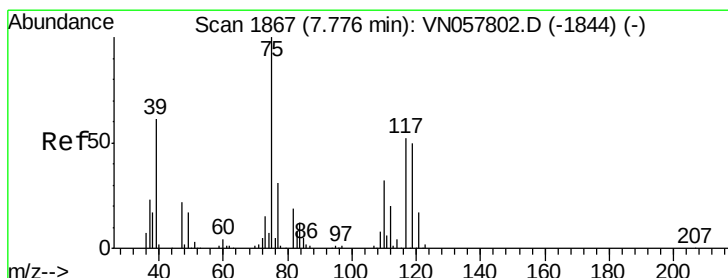
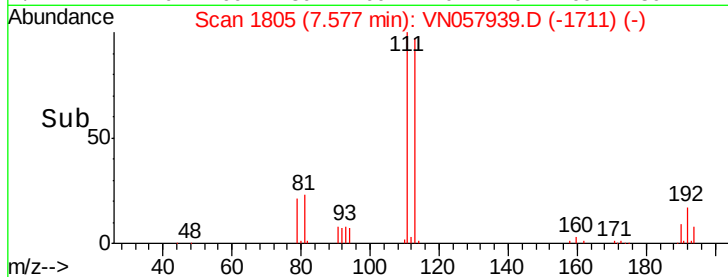
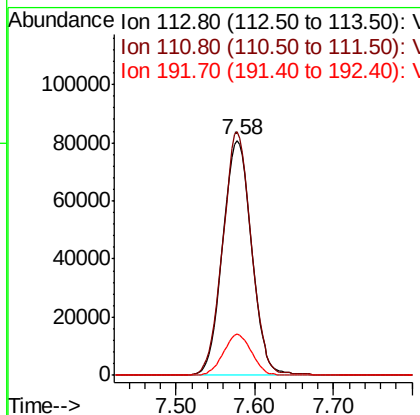
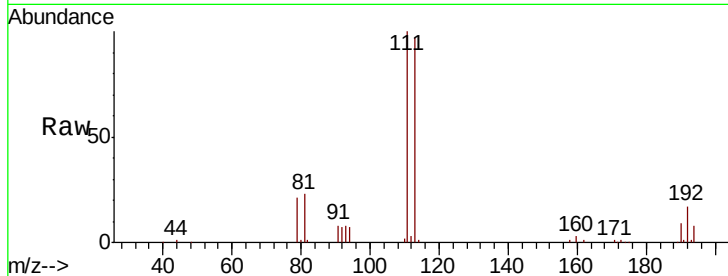




#35
 Dibromofluoromethane
 Concen: 48.869 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057939.D
 Acq: 11 Sep 2019 21:16

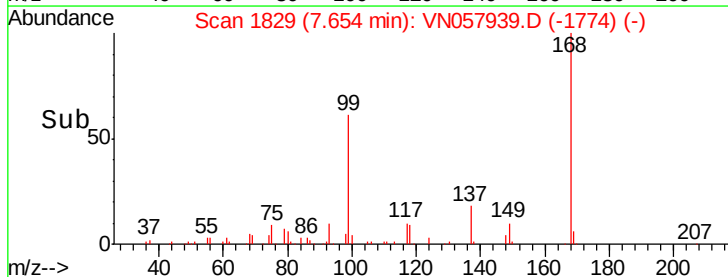
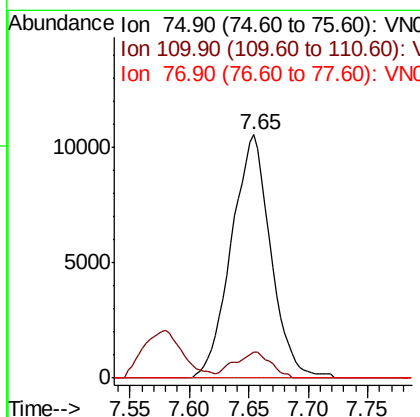
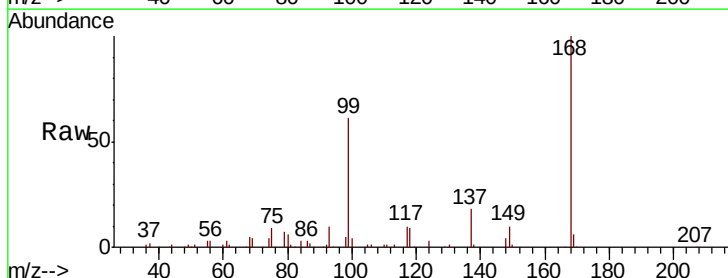
Instrument :
 MSVOA_N
 ClientSampled :
 TRIP

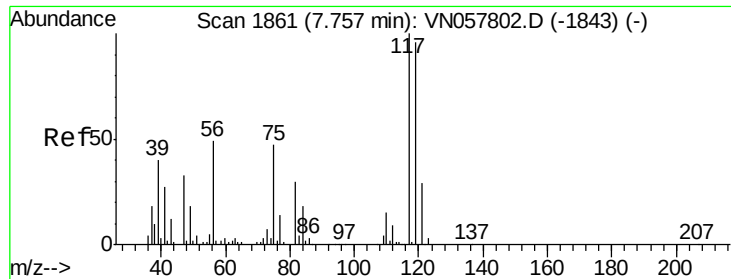
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.3	121.9
192	17.0	14.6	22.0



#36
 1,1-Dichloropropene
 Concen: 4.576 ug/l
 RT: 7.65 min Scan# 1829
 Delta R.T. -0.12 min
 Lab File: VN057939.D
 Acq: 11 Sep 2019 21:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	16.3	48.9#
77	0.0	25.0	37.4#

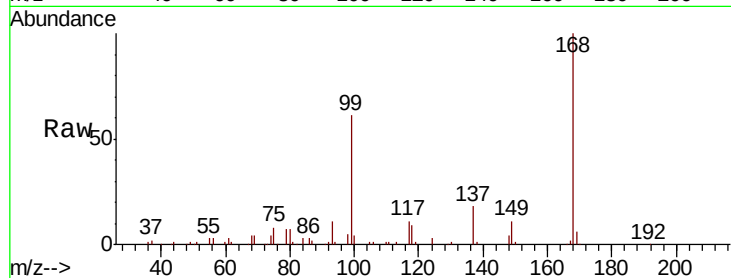




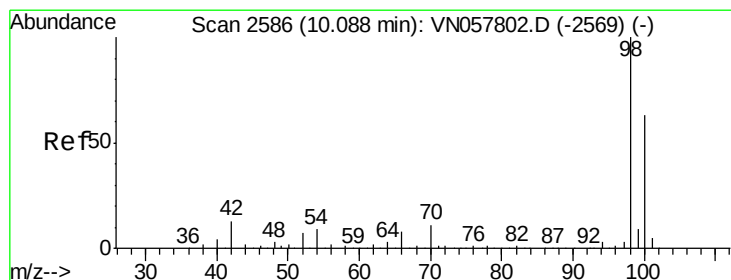
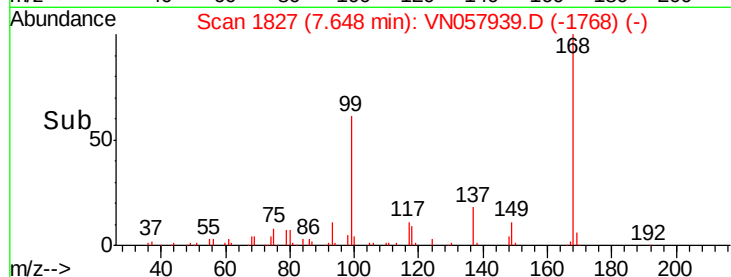
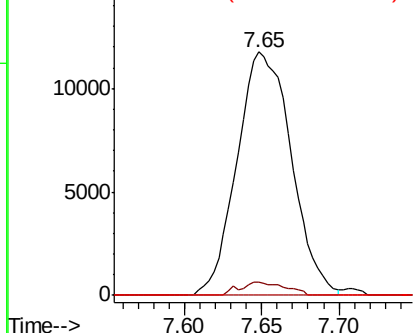
#38
Carbon Tetrachloride
Concen: 5.946 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.11 min
Lab File: VN057939.D
Acq: 11 Sep 2019 21:16

Instrument :
MSVOA_N
ClientSampleId :
TRIP

Tgt Ion: 117 Resp: 28712
Ion Ratio Lower Upper
117 100
119 5.5 76.9 115.3#
121 0.0 23.4 35.2#

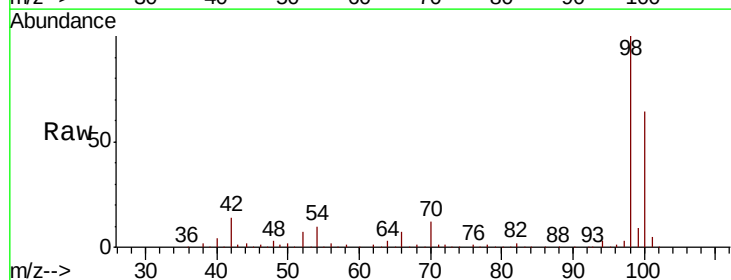


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

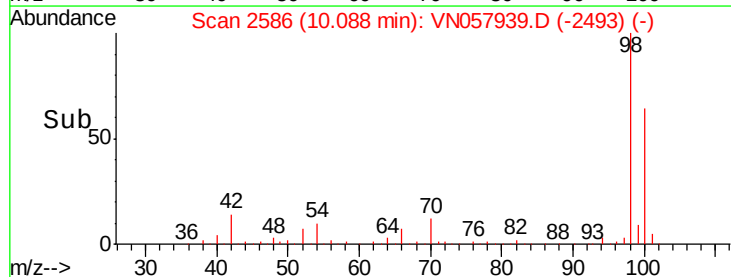
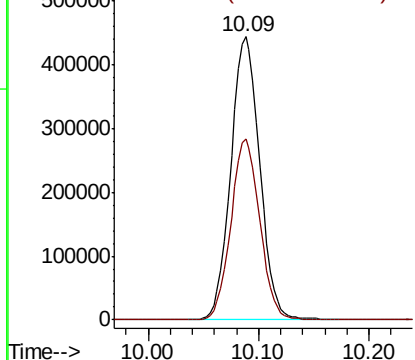


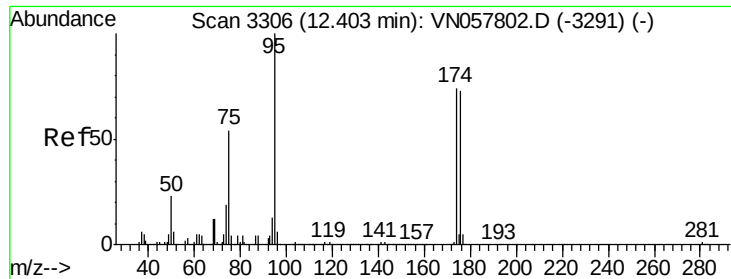
#50
Toluene-d8
Concen: 49.451 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057939.D
Acq: 11 Sep 2019 21:16

Tgt Ion: 98 Resp: 808130
Ion Ratio Lower Upper
98 100
100 63.8 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 42.564 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN057939.D

Acq: 11 Sep 2019 21:16

Instrument :

MSVOA_N

ClientSampleId :

TRIP

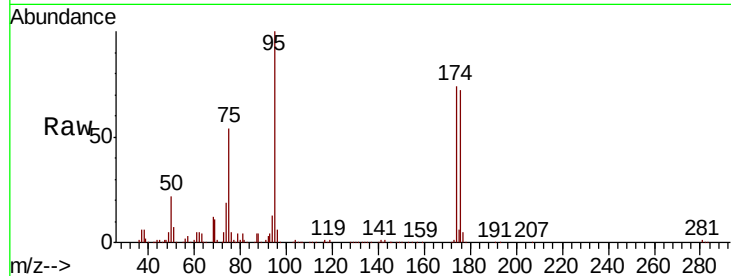
Tgt Ion: 95 Resp: 265078

Ion Ratio Lower Upper

95 100

174 73.3 0.0 150.2

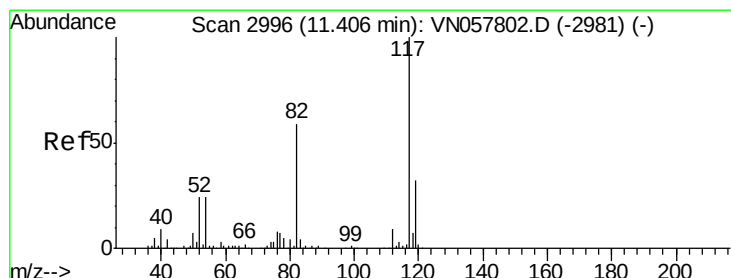
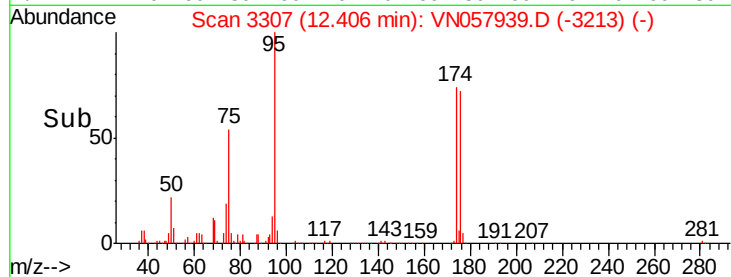
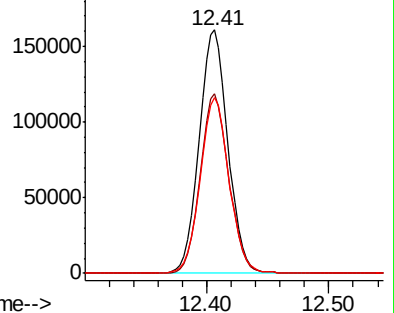
176 72.5 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN057802.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN057802.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057802.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN057939.D

Acq: 11 Sep 2019 21:16

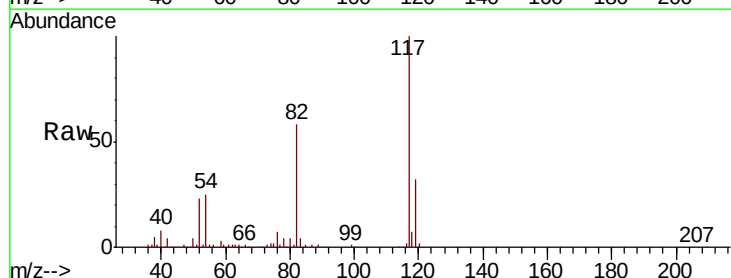
Tgt Ion: 117 Resp: 414987

Ion Ratio Lower Upper

117 100

82 58.2 47.2 70.8

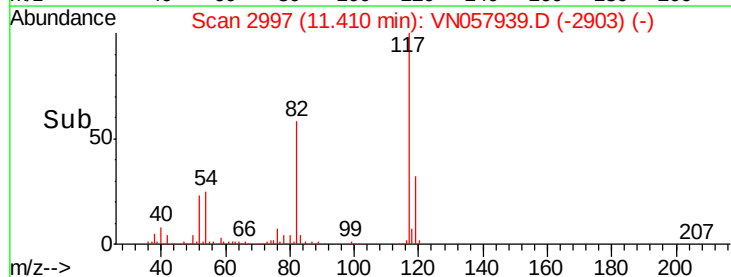
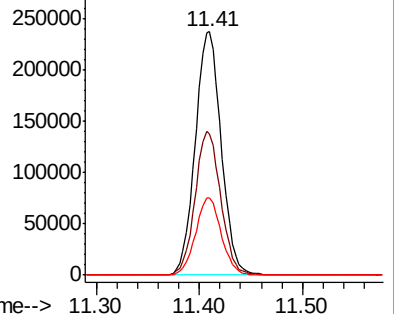
119 32.0 25.3 37.9

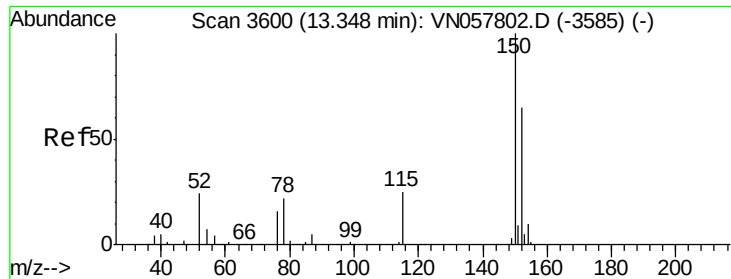


Abundance Ion 116.90 (116.60 to 117.60): VN057802.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN057802.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057802.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057939.D

Acq: 11 Sep 2019 21:16

Instrument :

MSVOA_N

ClientSampled :

TRIP

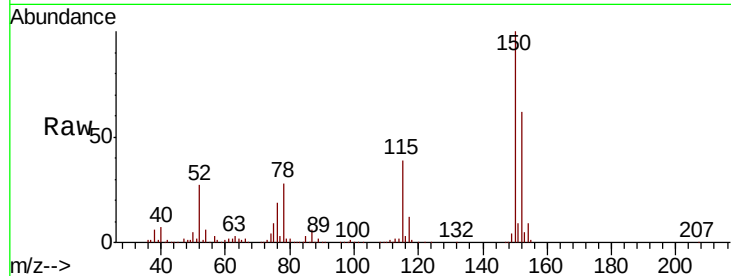
Tgt Ion:152 Resp: 208222

Ion Ratio Lower Upper

152 100

115 61.9 30.3 91.0

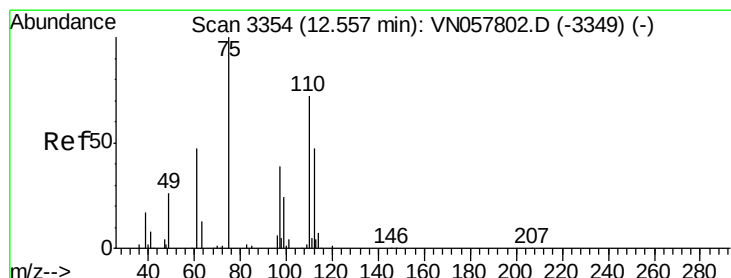
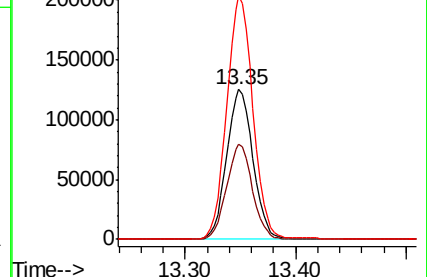
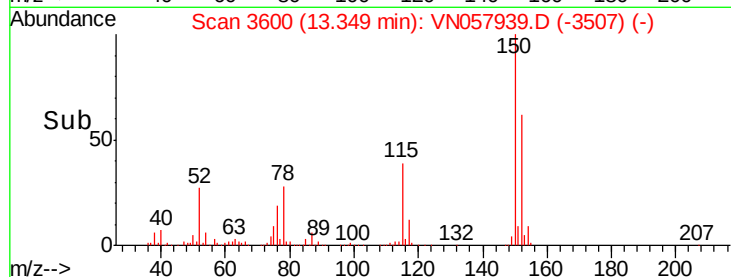
150 160.0 0.0 352.4



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: 30.607 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN057939.D

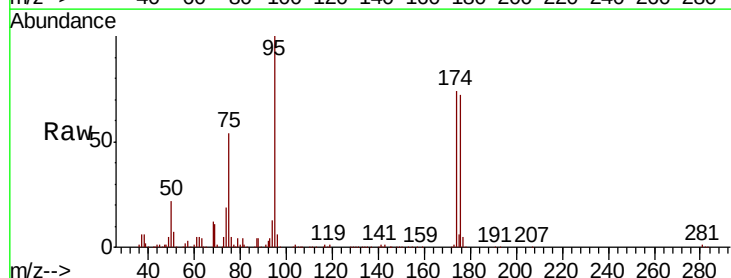
Acq: 11 Sep 2019 21:16

Tgt Ion: 75 Resp: 144169

Ion Ratio Lower Upper

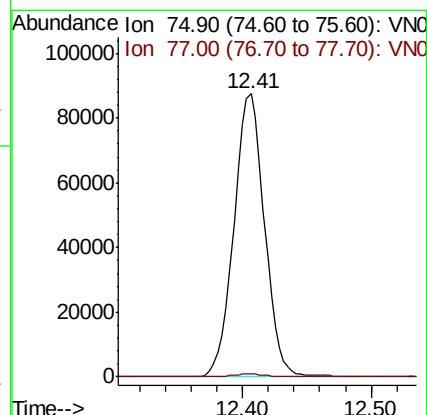
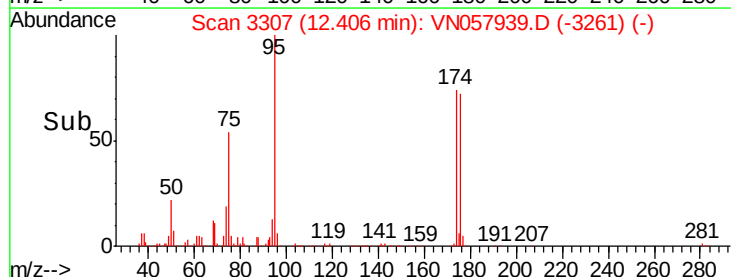
75 100

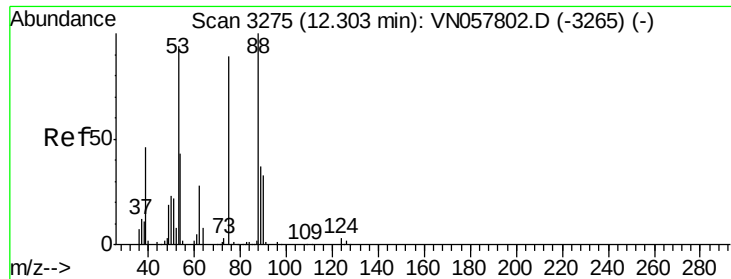
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 107.706 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN057939.D

Acq: 11 Sep 2019 21:16

Instrument :

MSVOA_N

ClientSampleId :

TRIP

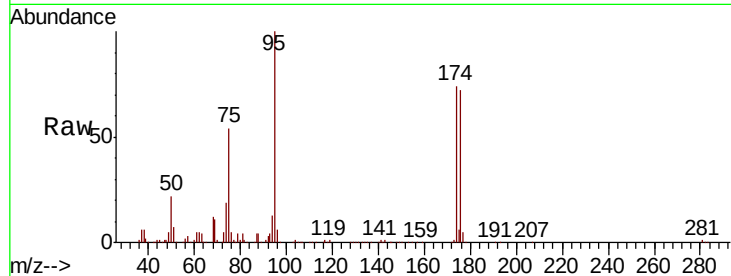
Tgt Ion: 75 Resp: 144169

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

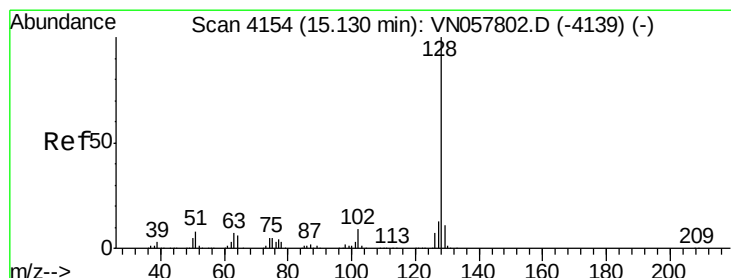
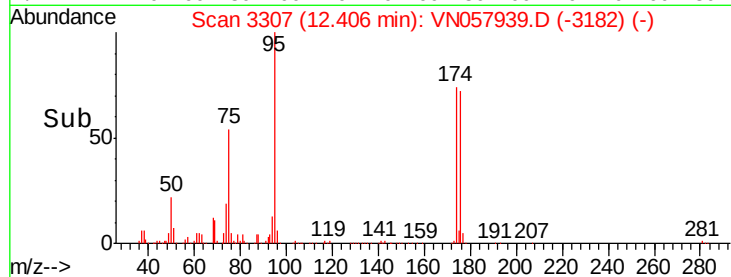
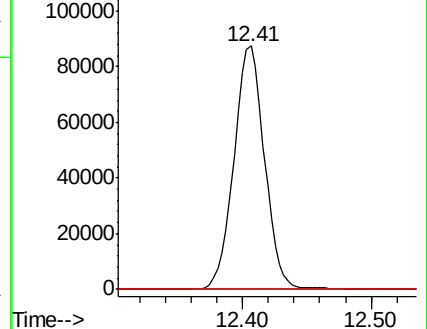
89 0.1 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VN057802.D (-3265) (-)

Ion 53.00 (52.70 to 53.70): VN057802.D (-3265) (-)

Ion 88.90 (88.60 to 89.60): VN057802.D (-3265) (-)



#95

Naphthalene

Concen: Below Cal

RT: 15.14 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN057939.D

Acq: 11 Sep 2019 21:16

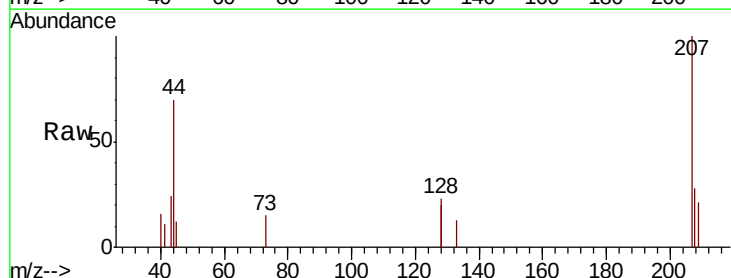
Tgt Ion: 128 Resp: 772

Ion Ratio Lower Upper

128 100

127 3.8 10.3 15.5#

129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): VN057802.D (-4139) (-)

Ion 127.00 (126.70 to 127.70): VN057802.D (-4139) (-)

Ion 129.00 (128.70 to 129.70): VN057802.D (-4139) (-)

