

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061233.D
 Acq On : 1 May 2020 16:17
 Operator : JC/MD
 Sample : L2445-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-1511-T

Quant Time: May 04 00:55:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	110639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	196917	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	186303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82817	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	86073	49.17	ug/l	0.00
Spiked Amount			Recovery	=	98.34%	
35) Dibromofluoromethane	7.55	113	59519	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	
50) Toluene-d8	10.06	98	244744	51.56	ug/l	0.00
Spiked Amount			Recovery	=	103.12%	
62) 4-Bromofluorobenzene	12.38	95	89928	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	

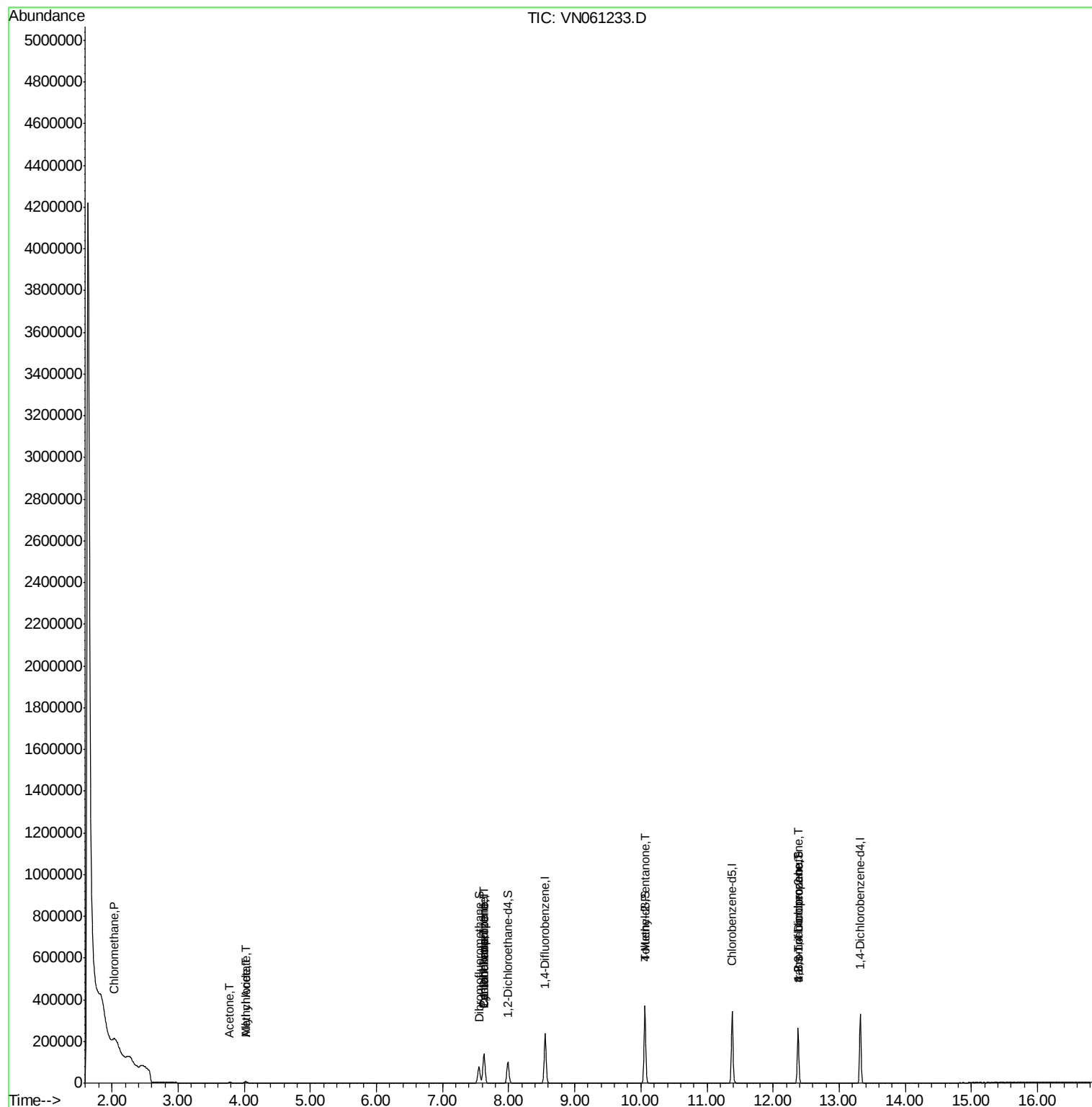
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	978	0.688	ug/l	99
14) Allyl chloride	4.02	41	1243	0.574	ug/l #	79
16) Acetone	3.78	43	8691	7.477	ug/l	95
18) Methyl Acetate	4.01	43	3506	2.244	ug/l #	55
31) Cyclohexane	7.63	56	2898	1.138	ug/l #	15
36) 1,1-Dichloropropene	7.63	75	9789	4.966	ug/l #	50
38) Carbon Tetrachloride	7.63	117	11239	8.250	ug/l #	17
51) 4-Methyl-2-Pentanone	10.06	43	1253	0.555	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	48125	27.563	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	48125	69.996	ug/l #	8

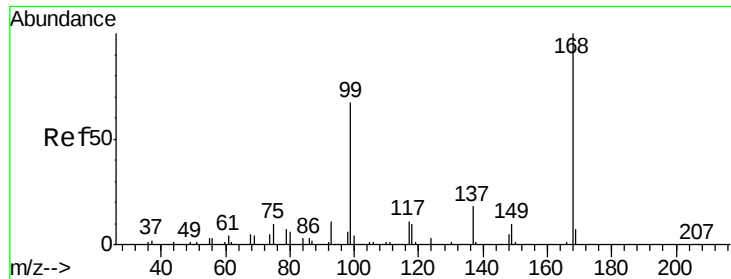
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061233.D

Acq: 1 May 2020 16:17

Instrument :

MSVOA_N

ClientSampled :

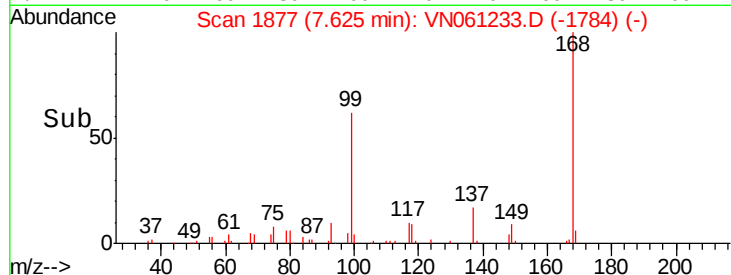
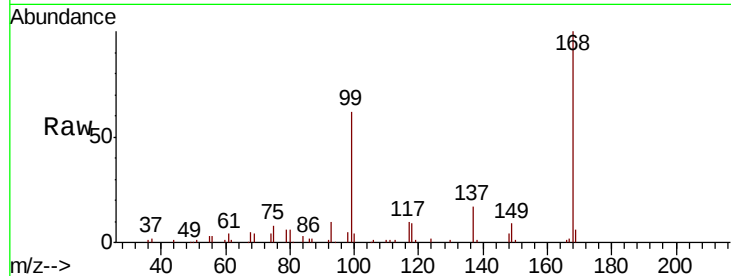
B-1511-T

Tot Ion:168 Resp: 110639

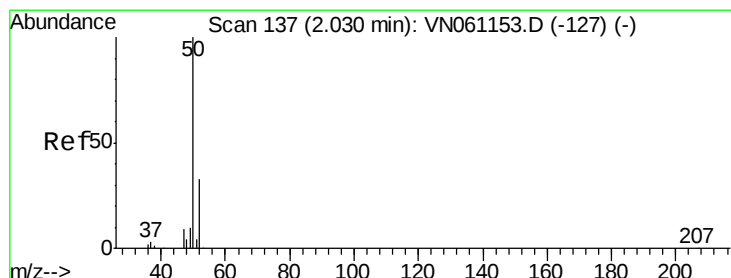
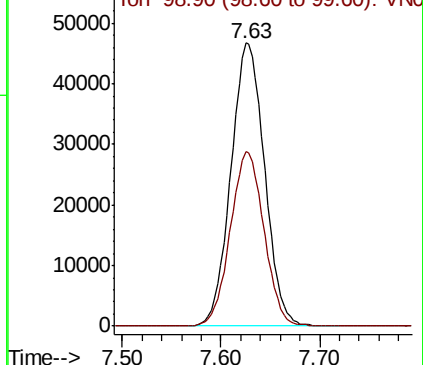
Ion Ratio Lower Upper

168 100

99 61.5 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): VN061233.D (-1784) (-)



#3

Chloromethane

Concen: 0.688 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061233.D

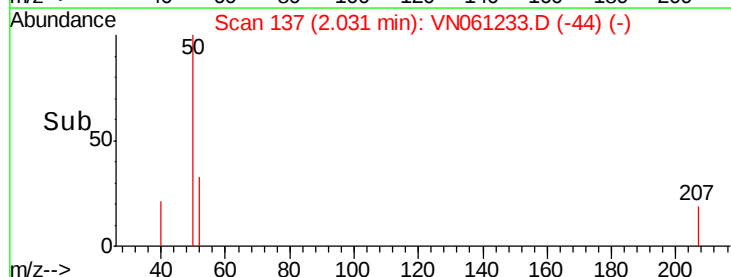
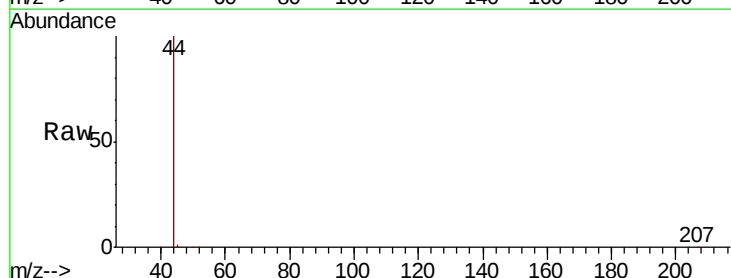
Acq: 1 May 2020 16:17

Tgt Ion: 50 Resp: 978

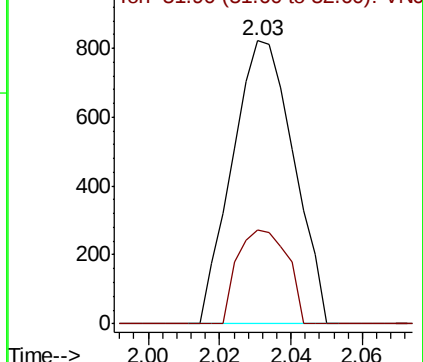
Ion Ratio Lower Upper

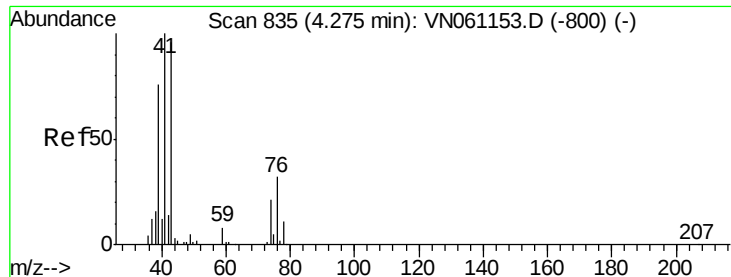
50 100

52 33.1 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN061233.D (-44) (-)





#14

Allv1 chloride

Concen: 0.574 ug/l

RT: 4.02 min Scan# 756

Delta R.T. -0.25 min

Lab File: VN061233.D

Acq: 1 May 2020 16:17

Instrument :

MSVOA_N

ClientSampled :

B-1511-T

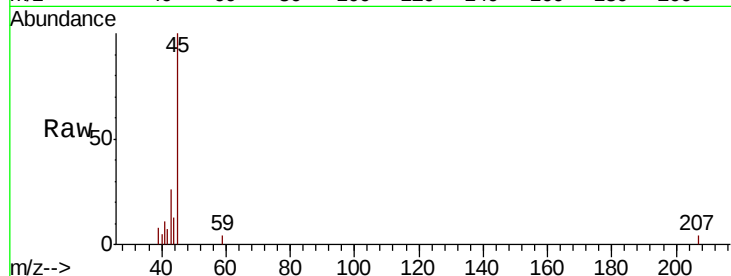
Tot Ion: 41 Resp: 1243

Ion Ratio Lower Upper

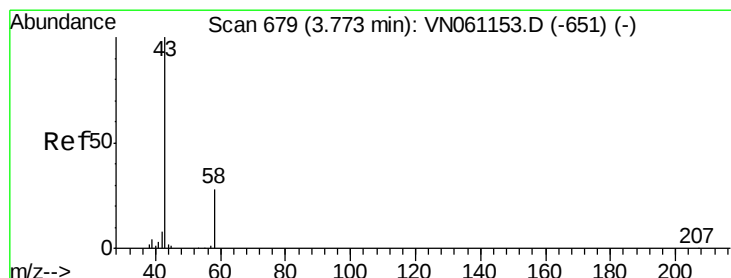
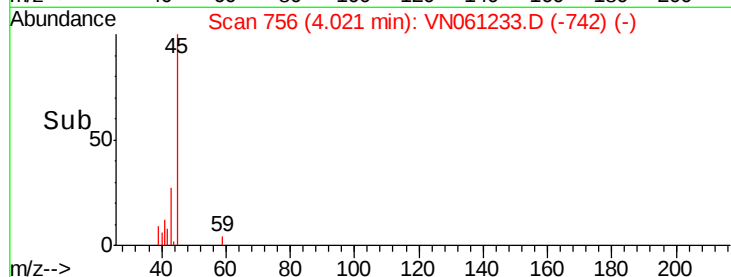
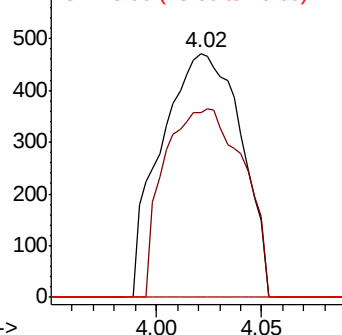
41 100

39 76.1 57.1 85.7

76 0.0 24.3 36.5#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 75.90 (75.60 to 76.60): VNO



#16

Acetone

Concen: 7.477 ug/l

RT: 3.78 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN061233.D

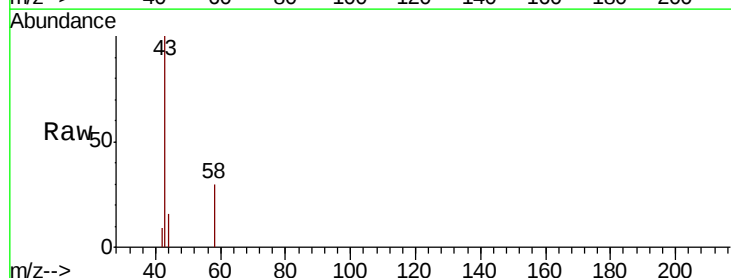
Acq: 1 May 2020 16:17

Tgt Ion: 43 Resp: 8691

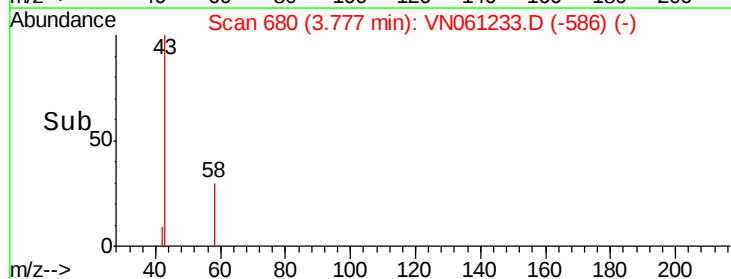
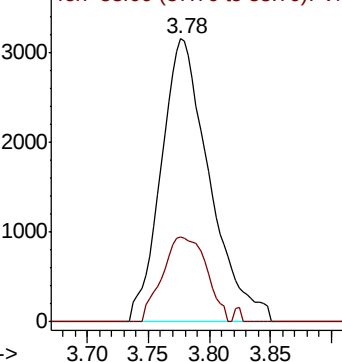
Ion Ratio Lower Upper

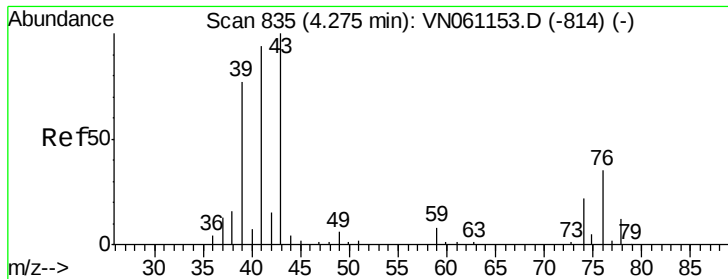
43 100

58 30.1 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO

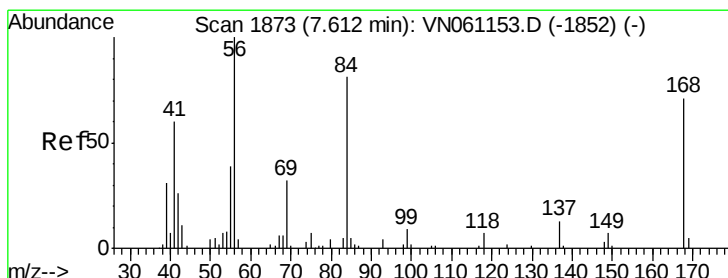
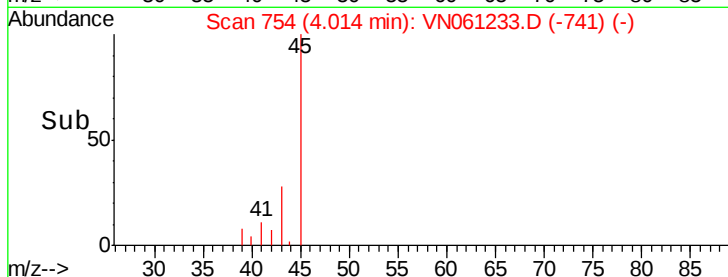
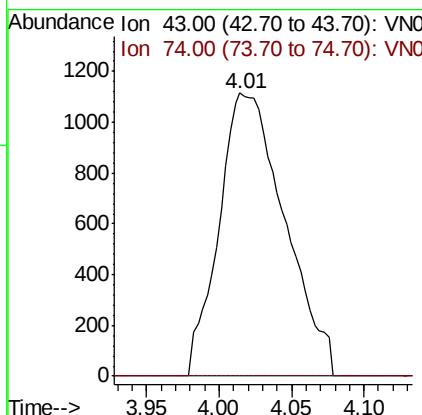
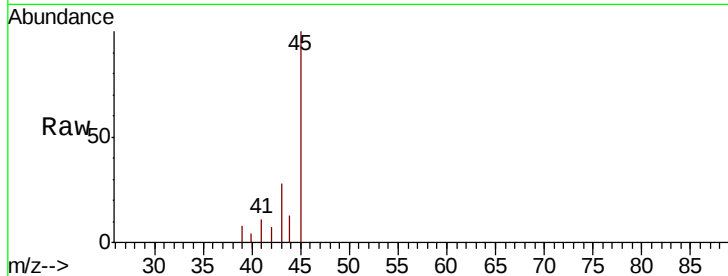




#18
Methvl Acetate
Concen: 2.244 ug/l
RT: 4.01 min Scan# 754
Delta R.T. -0.26 min
Lab File: VN061233.D
Acq: 1 May 2020 16:17

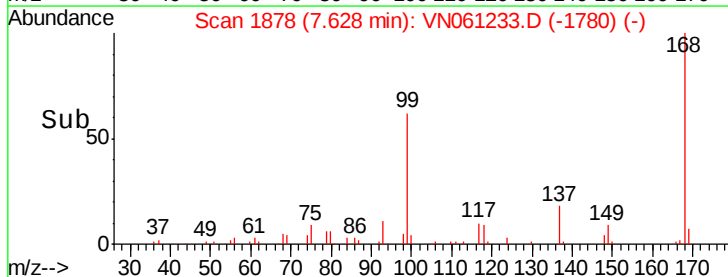
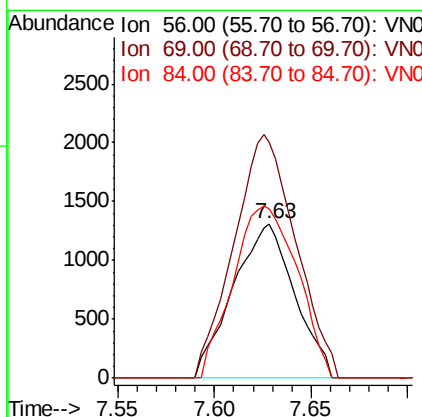
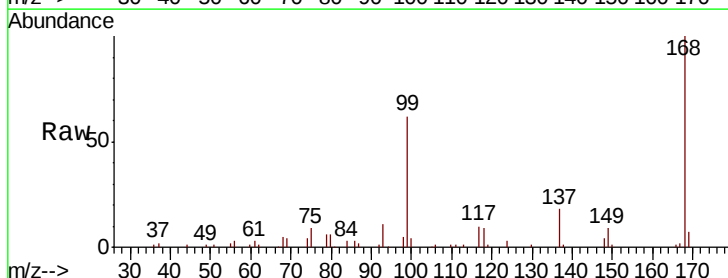
Instrument :
MSVOA_N
ClientSampleId :
B-1511-T

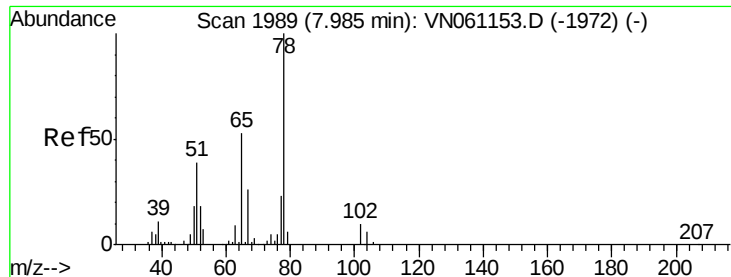
Tot Ion: 43 Resp: 3506
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#31
Cyclohexane
Concen: 1.138 ug/l
RT: 7.63 min Scan# 1878
Delta R.T. 0.02 min
Lab File: VN061233.D
Acq: 1 May 2020 16:17

Tgt Ion: 56 Resp: 2898
Ion Ratio Lower Upper
56 100
69 153.1 25.7 38.5#
84 110.0 64.6 97.0#

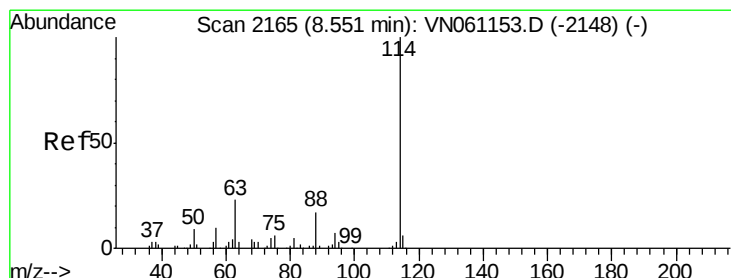
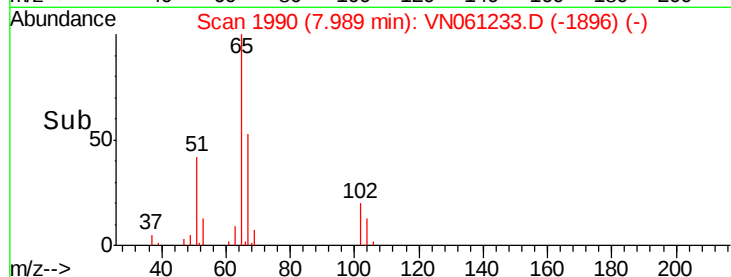
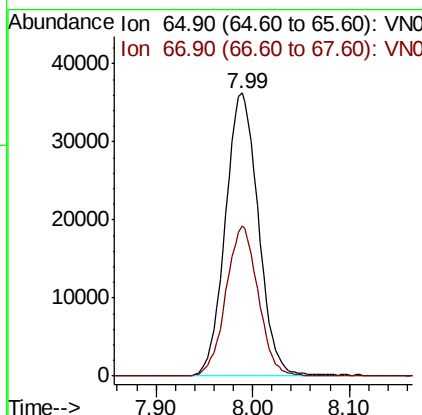
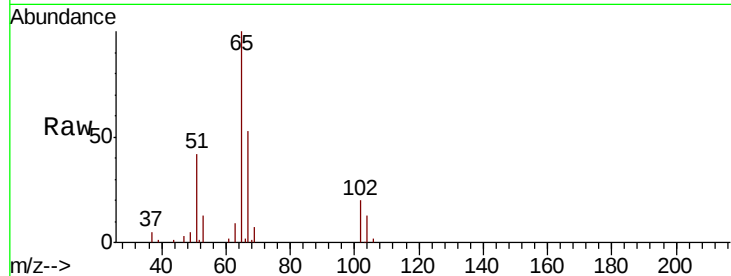




#33
 1,2-Dichloroethane-d4
 Concen: 49.166 ug/l
 RT: 7.99 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN061233.D
 Acq: 1 May 2020 16:17

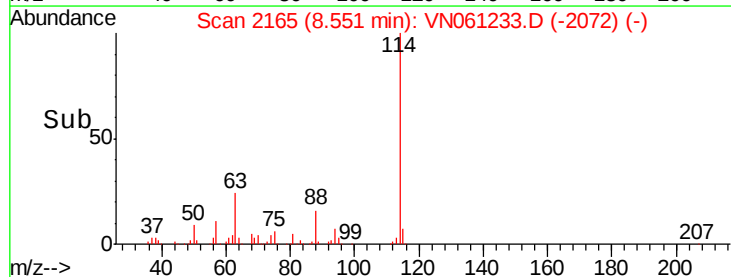
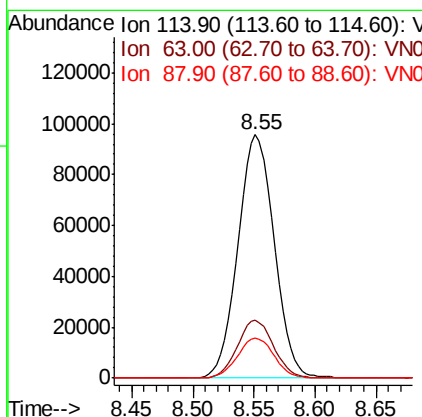
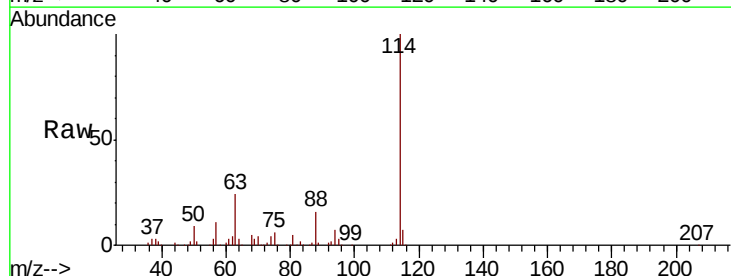
Instrument :
 MSVOA_N
 ClientSampleId :
 B-1511-T

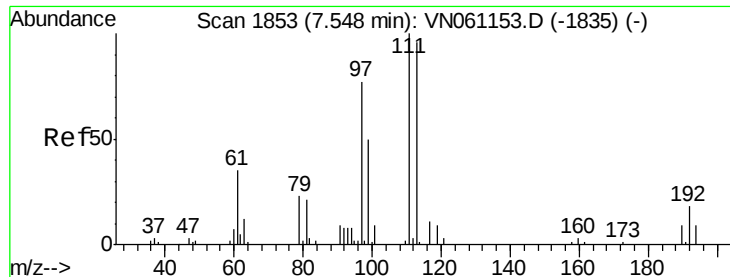
Tot Ion: 65 Resp: 86073
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061233.D
 Acq: 1 May 2020 16:17

Tgt Ion: 114 Resp: 196917
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 46.6
 88 16.4 0.0 33.4

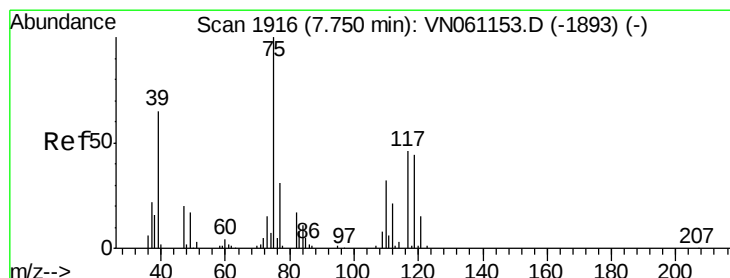
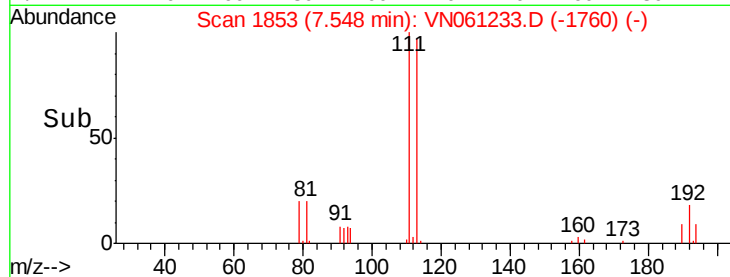
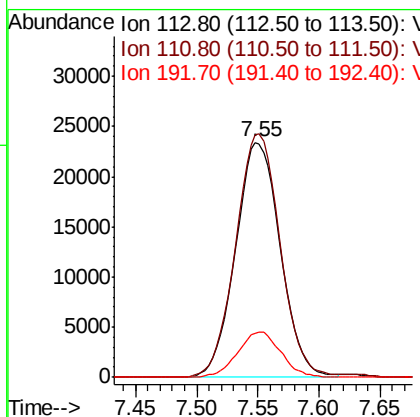
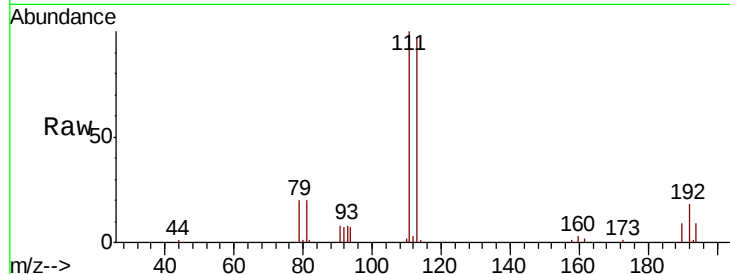




#35
 Dibromofluoromethane
 Concen: 51.115 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061233.D
 Acq: 1 May 2020 16:17

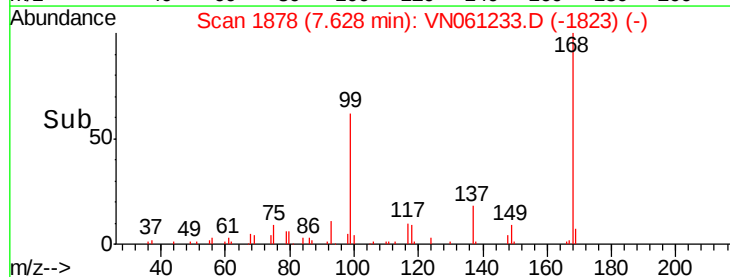
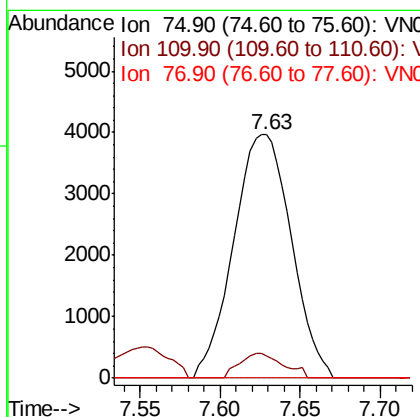
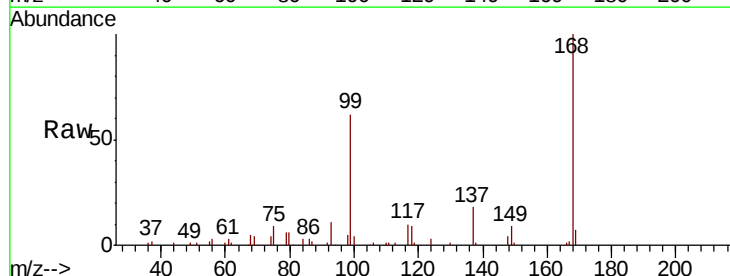
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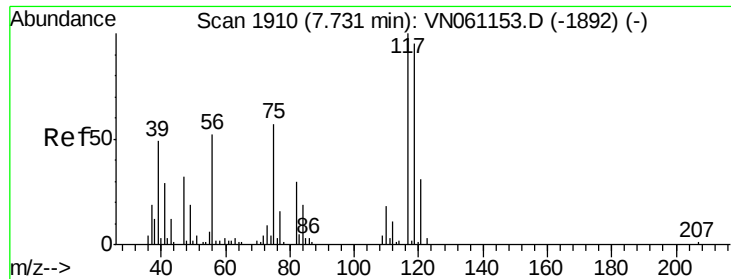
Tot Ion:113 Resp: 59519
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.9 124.3
 192 18.6 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 4.966 ug/l
 RT: 7.63 min Scan# 1878
 Delta R.T. -0.12 min
 Lab File: VN061233.D
 Acq: 1 May 2020 16:17

Tgt Ion: 75 Resp: 9789
 Ion Ratio Lower Upper
 75 100
 110 7.6 16.0 48.0#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 8.250 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. -0.11 min

Lab File: VN061233.D

Acq: 1 May 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

B-1511-T

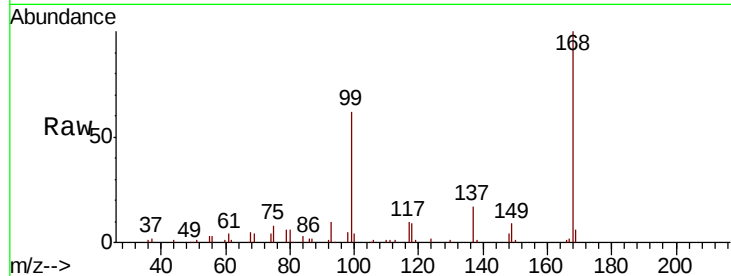
Tot Ion:117 Resp: 11239

Ion Ratio Lower Upper

117 100

119 5.9 75.8 113.6#

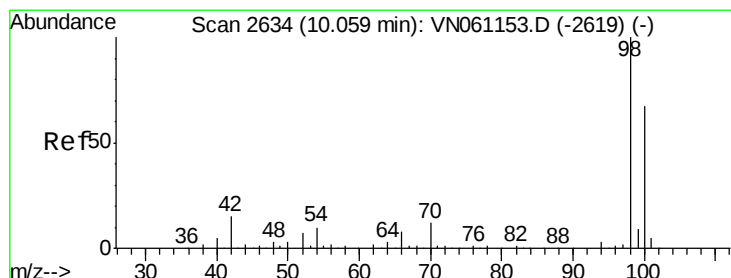
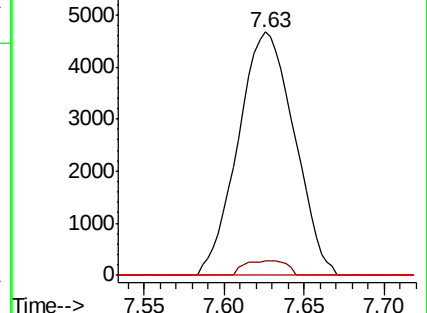
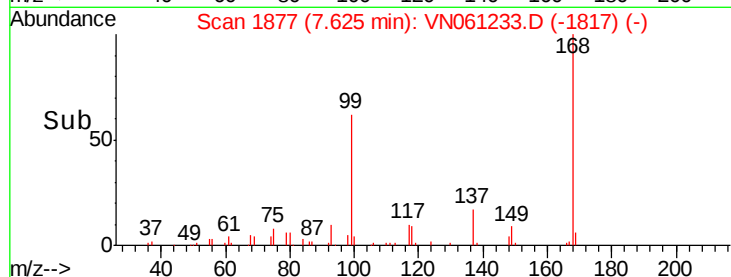
121 0.0 24.7 37.1#



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: 51.560 ug/l

RT: 10.06 min Scan# 2635

Delta R.T. 0.00 min

Lab File: VN061233.D

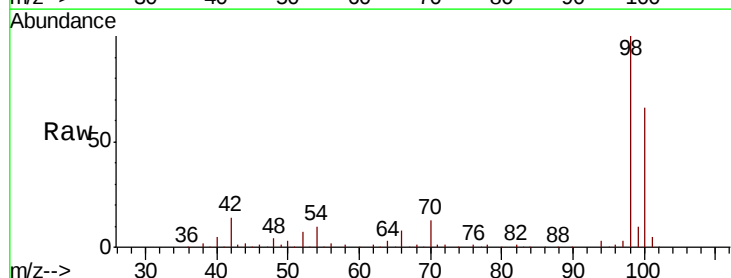
Acq: 1 May 2020 16:17

Tgt Ion: 98 Resp: 244744

Ion Ratio Lower Upper

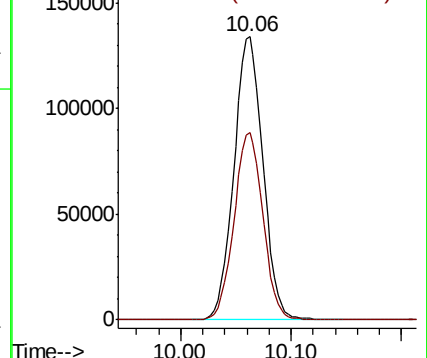
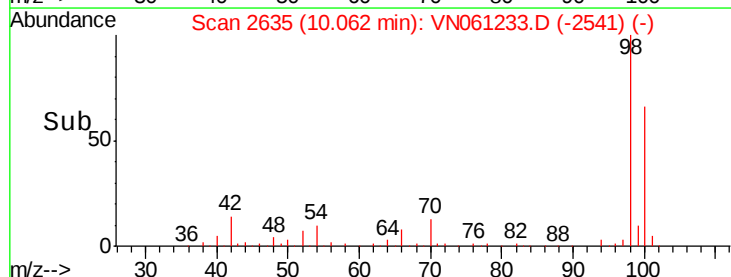
98 100

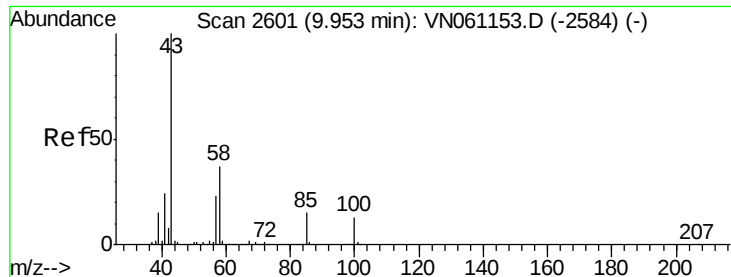
100 65.8 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

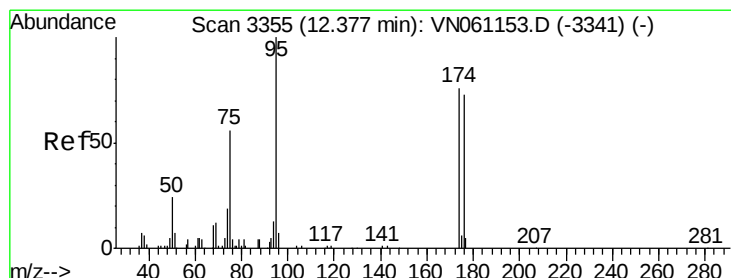
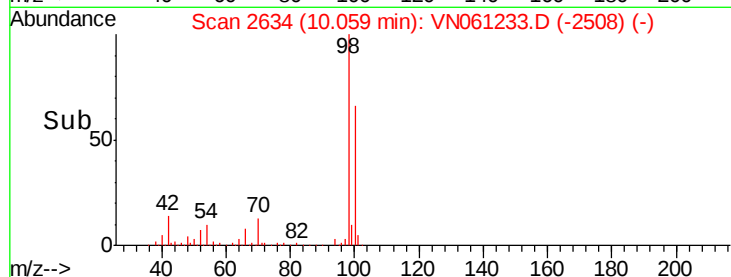
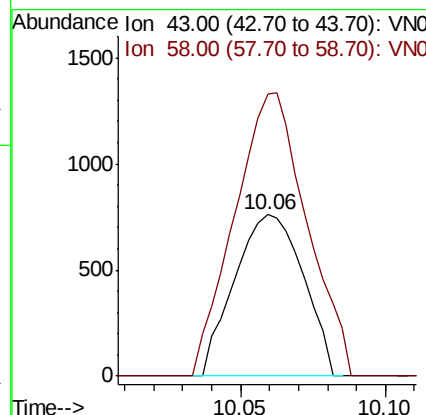
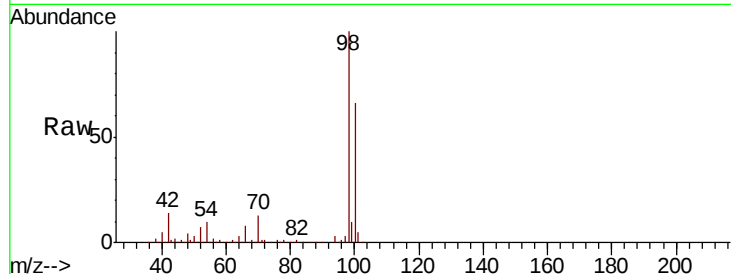




#51
4-Methyl-2-Pentanone
Concen: 0.555 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.11 min
Lab File: VN061233.D
Acq: 1 May 2020 16:17

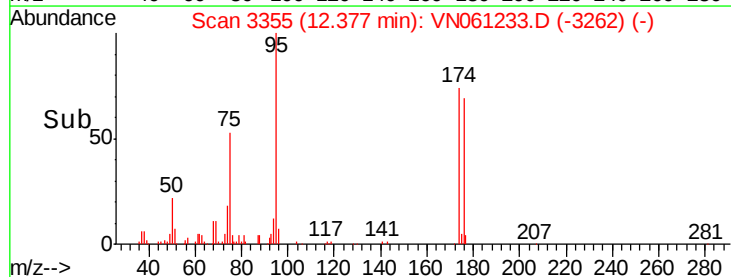
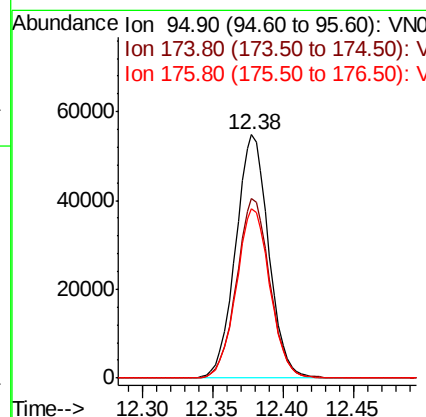
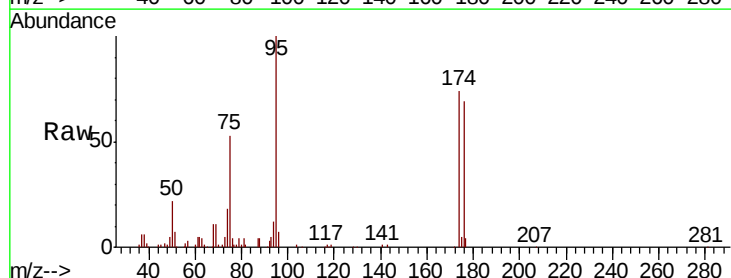
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MSVOA_N
ClientSampled :
B-1511-T

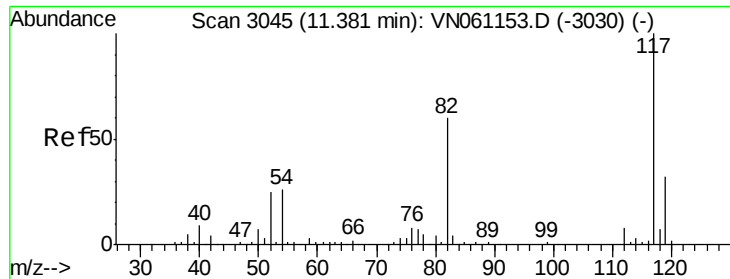
Tot Ion: 43 Resp: 1253
Ion Ratio Lower Upper
43 100
58 184.3 29.1 43.7#



#62
4-Bromofluorobenzene
Concen: 50.344 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061233.D
Acq: 1 May 2020 16:17

Tgt Ion: 95 Resp: 89928
Ion Ratio Lower Upper
95 100
174 74.3 0.0 149.4
176 70.9 0.0 144.8

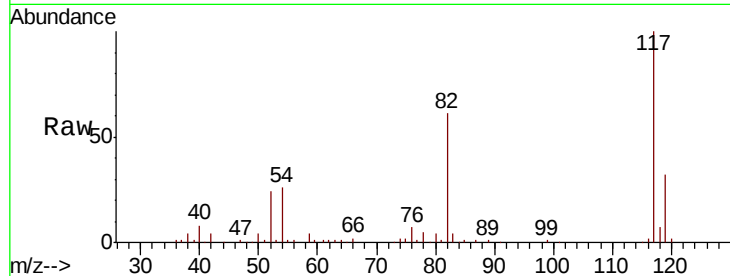




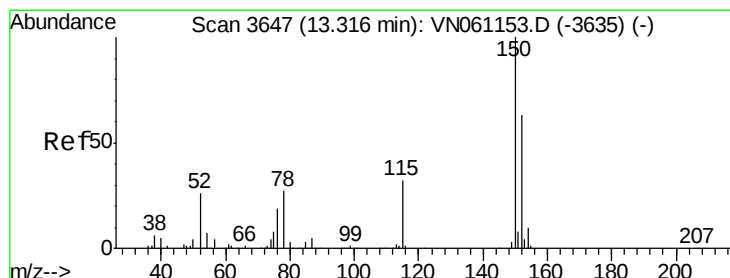
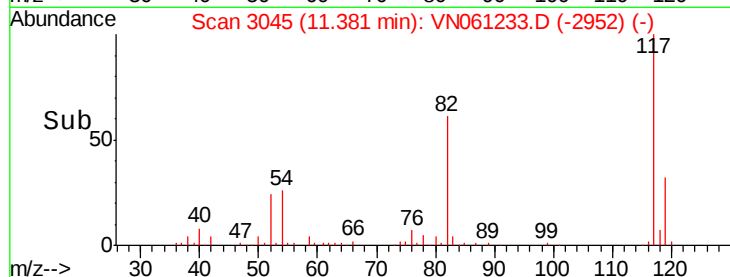
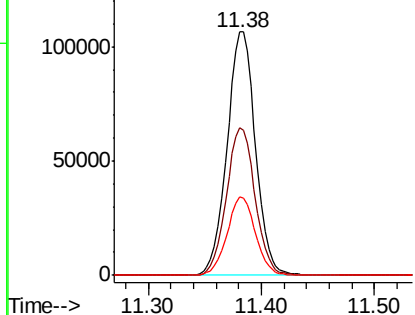
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061233.D
Acq: 1 May 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
B-1511-T

Tot Ion:117 Resp: 186303
Ion Ratio Lower Upper
117 100
82 60.7 47.8 71.8
119 32.1 25.8 38.6

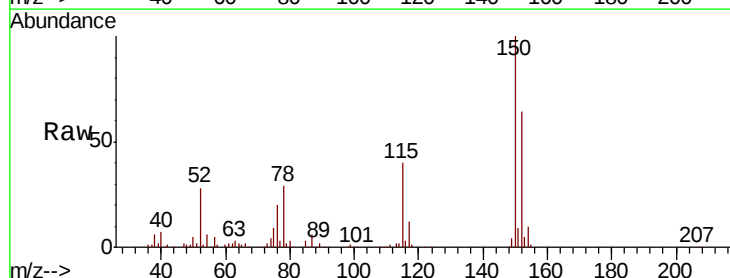


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

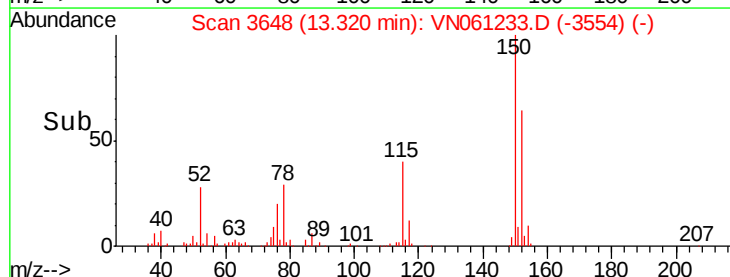
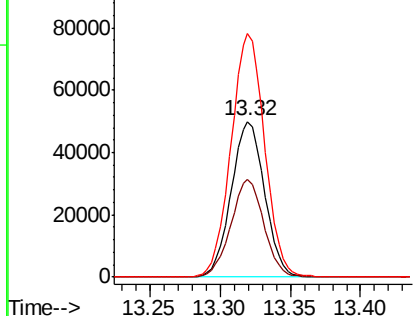


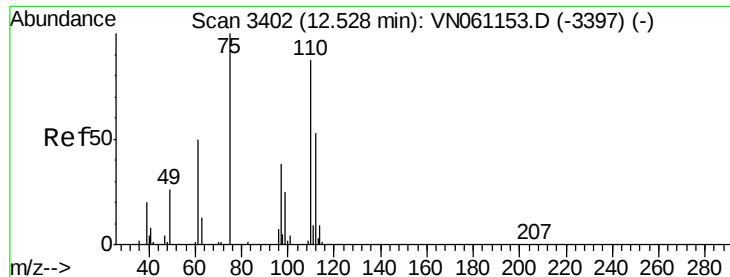
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061233.D
Acq: 1 May 2020 16:17

Tgt Ion:152 Resp: 82817
Ion Ratio Lower Upper
152 100
115 61.9 31.0 93.0
150 157.3 0.0 351.8



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: 27.563 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061233.D

Acq: 1 May 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

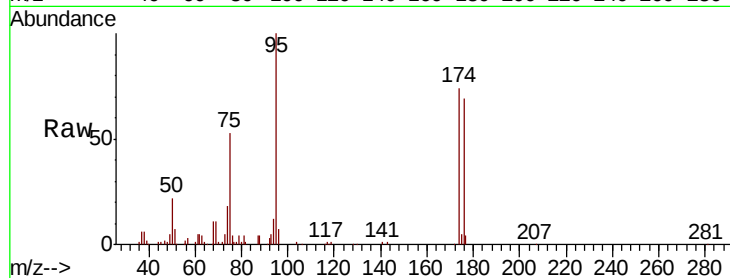
B-1511-T

Tot Ion: 75 Resp: 48125

Ion Ratio Lower Upper

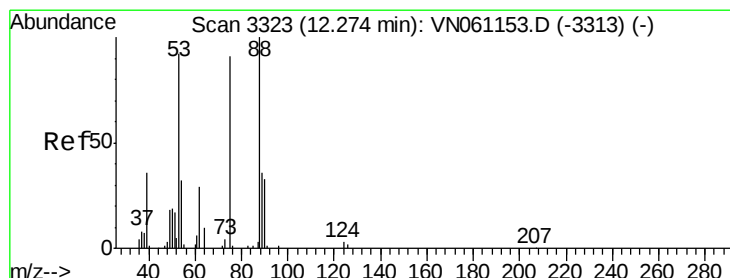
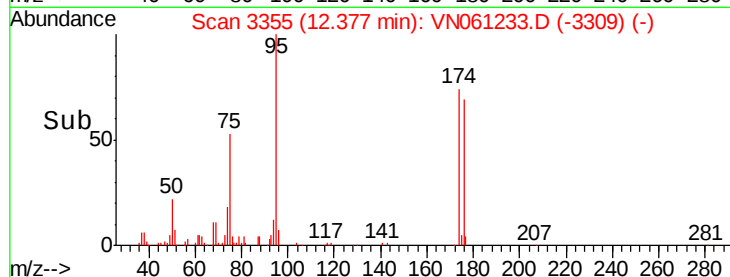
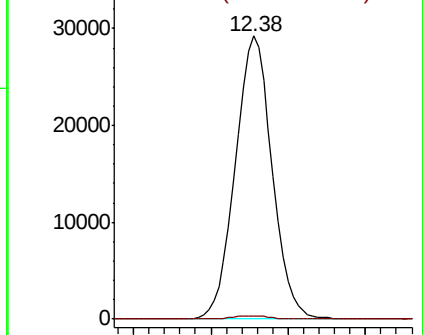
75 100

77 1.0 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: 69.996 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.10 min

Lab File: VN061233.D

Acq: 1 May 2020 16:17

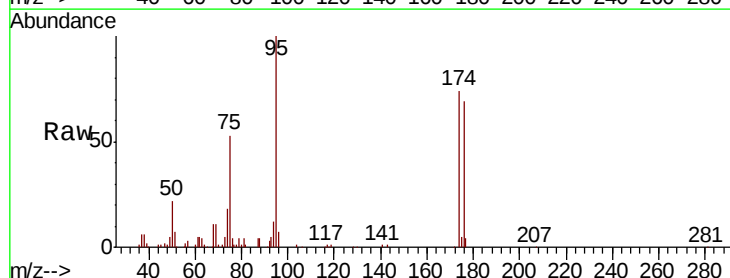
Tgt Ion: 75 Resp: 48125

Ion Ratio Lower Upper

75 100

53 0.0 84.1 126.1#

89 0.0 35.2 52.8#



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

