

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120320\
 Data File : VN064904.D
 Acq On : 3 Dec 2020 17:26
 Operator : JC/MD
 Sample : L4938-01
 Misc : 5.01µ/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 04 03:00:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	175943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	311505	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	323582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	142177	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	106670	52.15	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	104.30%	
35) Dibromofluoromethane	7.55	113	96226	51.62	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	103.24%	
50) Toluene-d8	10.06	98	391498	51.41	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.37	95	152025	55.78	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	111.56%	

Target Compounds

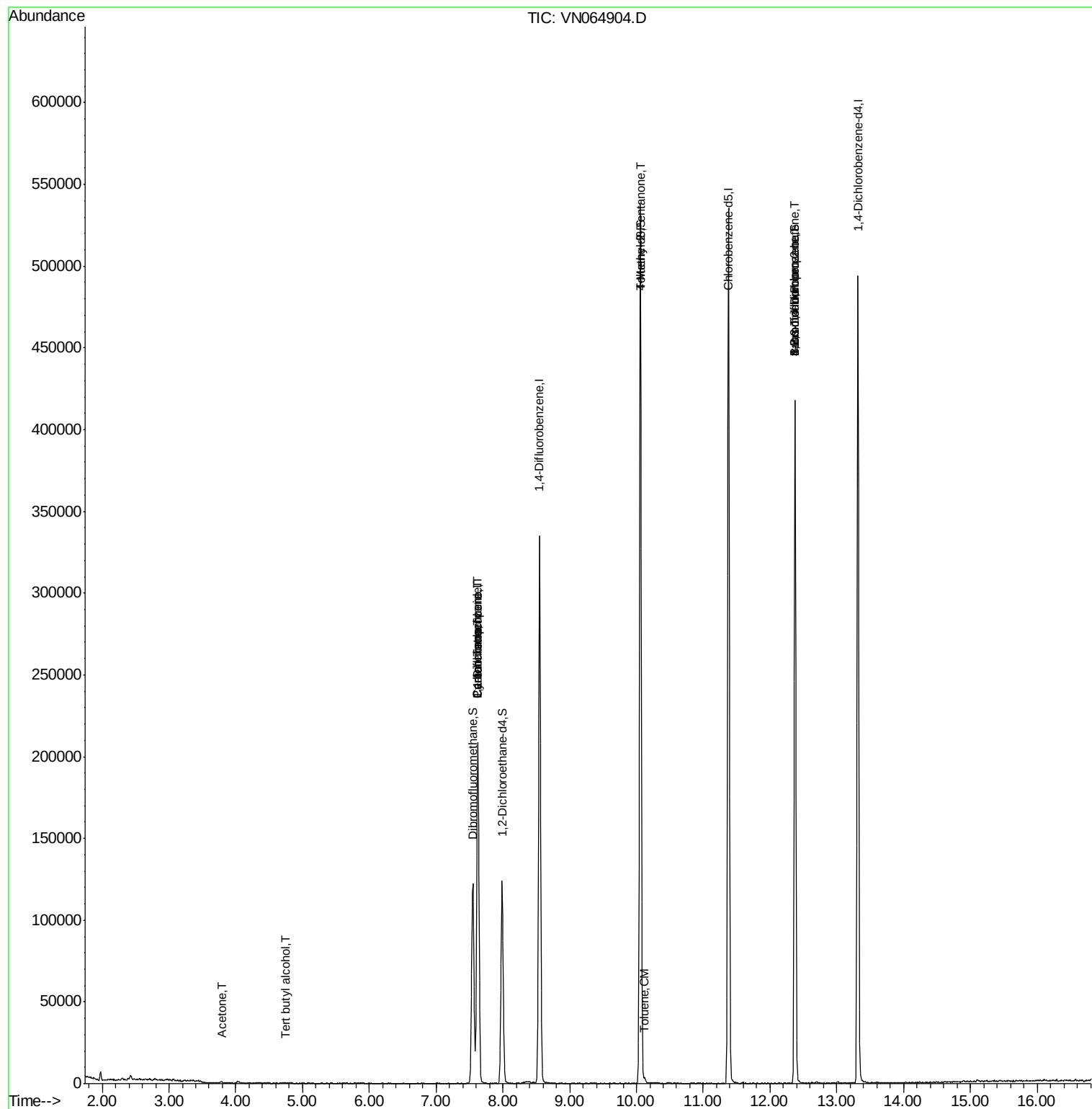
					Qvalue	
11) Tert butyl alcohol	4.74	59	64	0.201	ug/l #	73
16) Acetone	3.79	43	1198	1.782	ug/l #	43
31) Cyclohexane	7.62	56	3039	1.066	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	12154	4.209	ug/l #	48
38) Carbon Tetrachloride	7.62	117	16980	5.652	ug/l #	16
51) 4-Methyl-2-Pentanone	10.06	43	1592	0.593	ug/l #	1
52) Toluene	10.12	92	1117	0.205	ug/l	86
71) Bromoform	12.37	173	946	0.464	ug/l #	1
76) 1,2,3-Trichloropropane	12.37	75	71437	23.331	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	71437	63.945	ug/l #	15

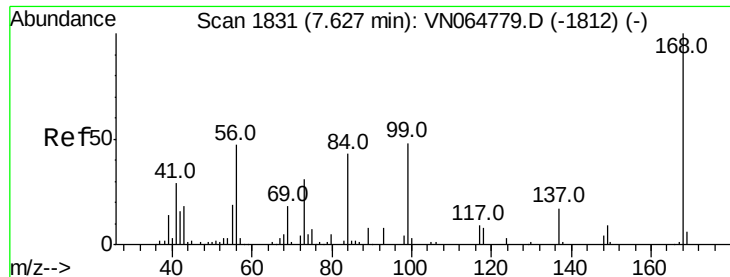
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN120320\
Data File : VN064904.D
Acq On : 3 Dec 2020 17:26
Operator : JC/MD
Sample : L4938-01
Misc : 5.01µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Dec 04 03:00:48 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064904.D

Acq: 3 Dec 2020 17:26

Instrument :

MSVOA_N

ClientSampled :

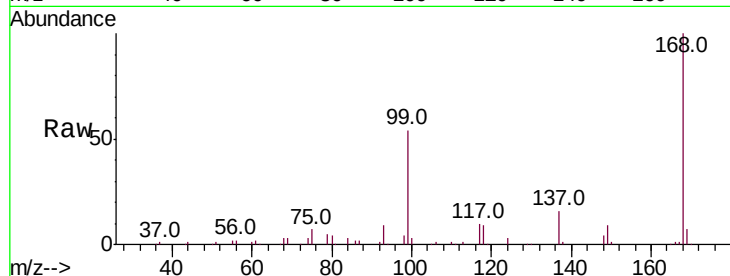
IBLK

Tot Ion:168 Resp: 175943

Ion Ratio Lower Upper

168 100

99 54.2 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): VN064779.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN064779.D (-1812) (-)

7.62

80000

60000

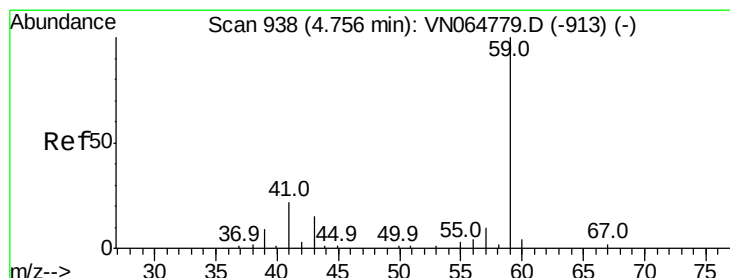
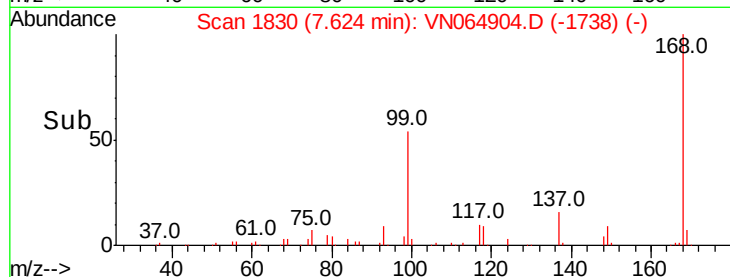
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#11

Tert butyl alcohol

Concen: 0.201 ug/l

RT: 4.74 min Scan# 934

Delta R.T. -0.01 min

Lab File: VN064904.D

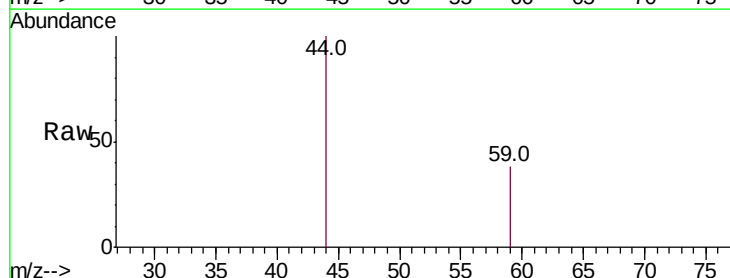
Acq: 3 Dec 2020 17:26

Tgt Ion: 59 Resp: 64

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VN064779.D (-913) (-)

Ion 57.00 (56.70 to 57.70): VN064779.D (-913) (-)

4.74

200

150

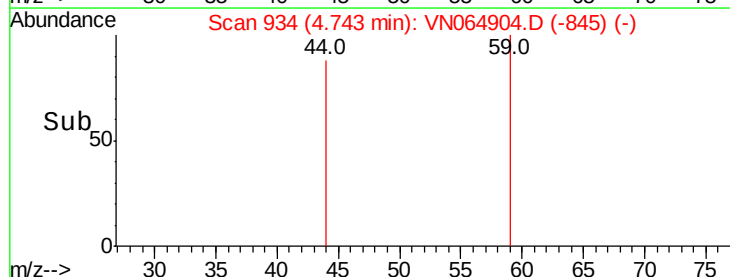
100

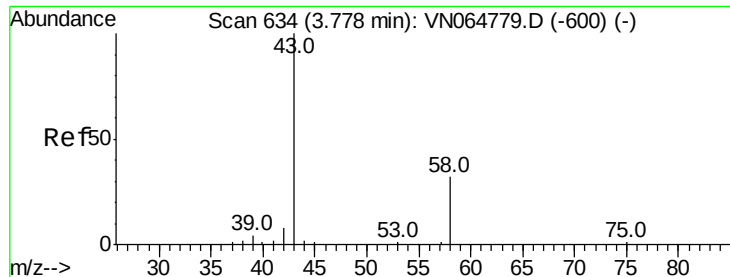
50

0

4.73 4.74 4.75

Time-->





#16

Acetone

Concen: 1.782 ug/l

RT: 3.79 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN064904.D

Acq: 3 Dec 2020 17:26

Instrument :

MSVOA_N

ClientSampled :

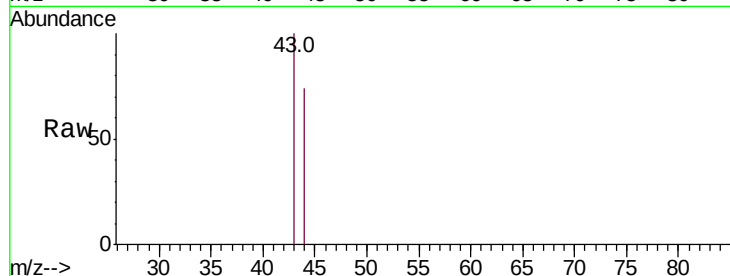
IBLK

Tot Ion: 43 Resp: 1198

Ion Ratio Lower Upper

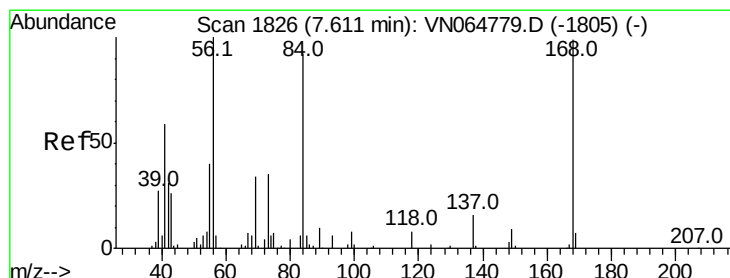
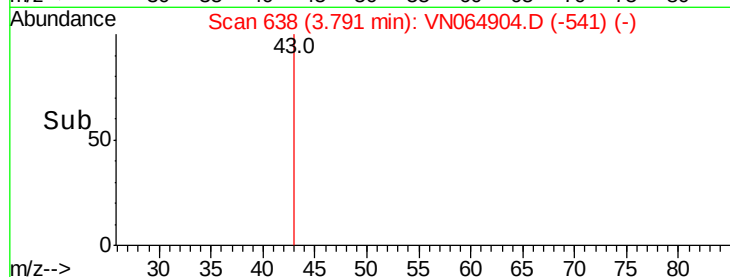
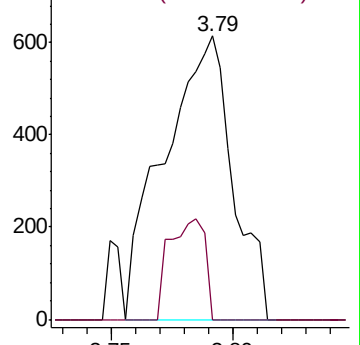
43 100

58 0.0 25.7 38.5#



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-600) (-)



#31

Cyclohexane

Concen: 1.066 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. 0.01 min

Lab File: VN064904.D

Acq: 3 Dec 2020 17:26

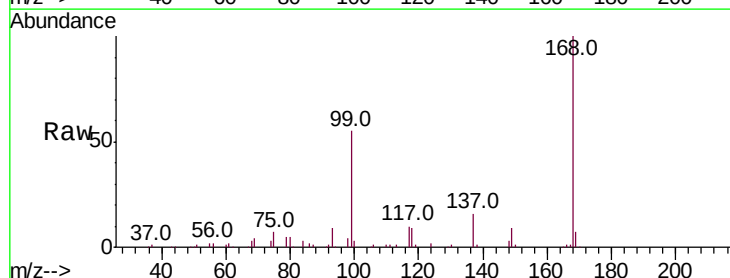
Tgt Ion: 56 Resp: 3039

Ion Ratio Lower Upper

56 100

69 183.8 27.5 41.3#

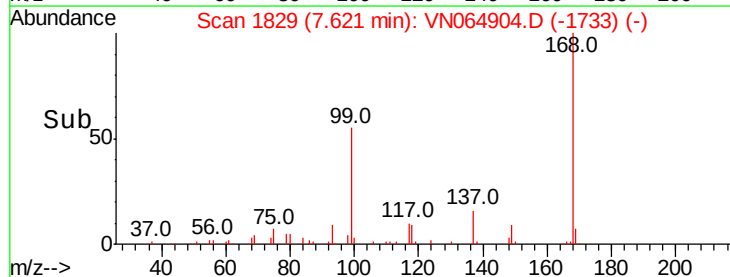
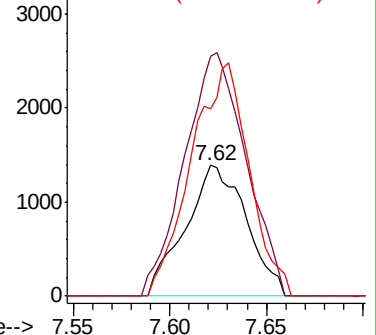
84 143.3 73.9 110.9#

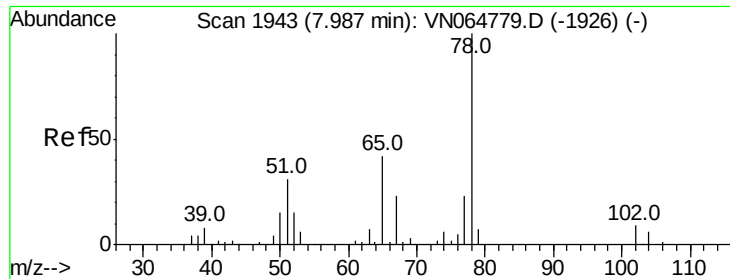


Abundance Ion 56.00 (55.70 to 56.70): VN064779.D (-1805) (-)

Ion 69.00 (68.70 to 69.70): VN064779.D (-1805) (-)

Ion 84.00 (83.70 to 84.70): VN064779.D (-1805) (-)

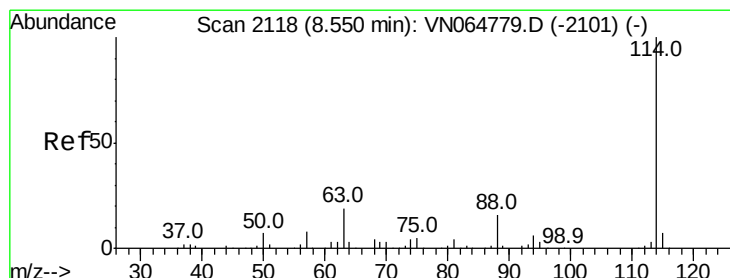
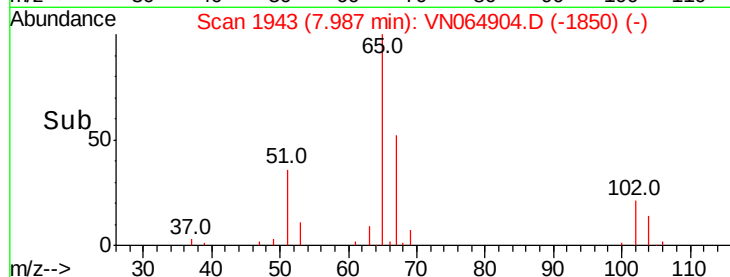
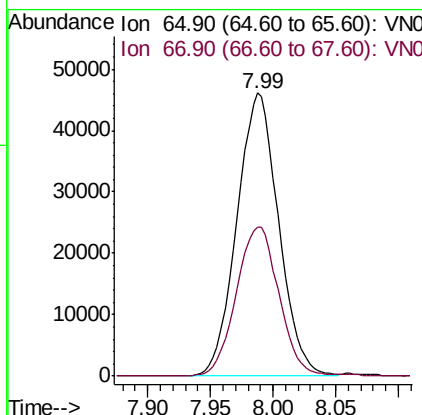
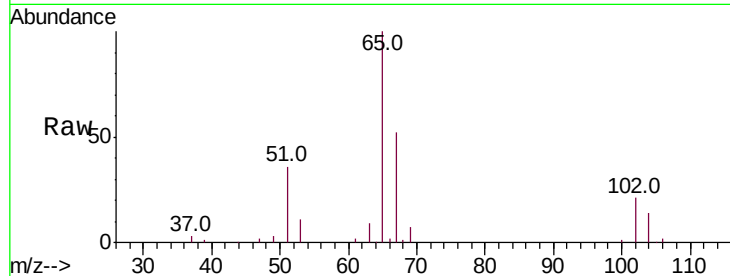




#33
 1,2-Dichloroethane-d4
 Concen: 52.150 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064904.D
 Acq: 3 Dec 2020 17:26

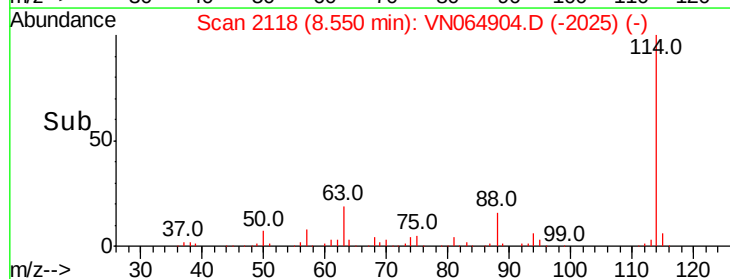
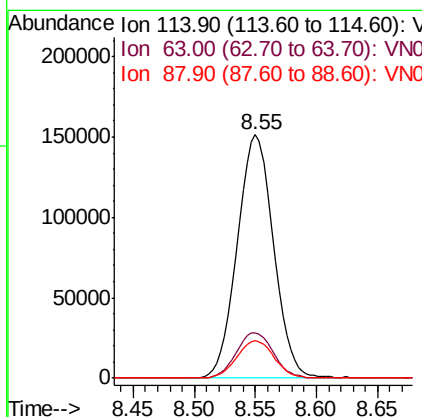
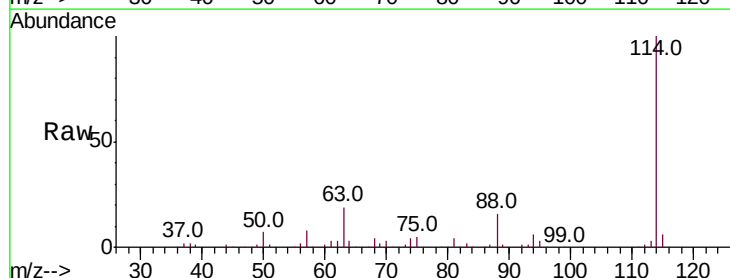
Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

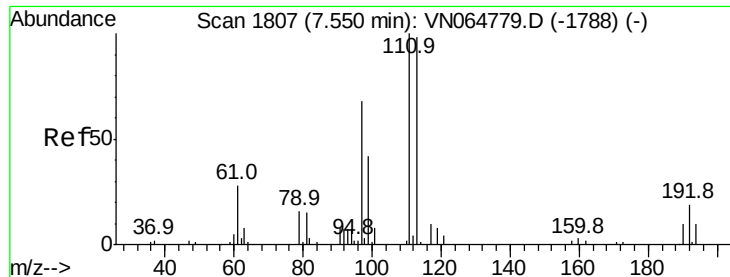
Tot Ion: 65 Resp: 106670
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064904.D
 Acq: 3 Dec 2020 17:26

Tgt Ion: 114 Resp: 311505
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.6
 88 15.5 0.0 32.6

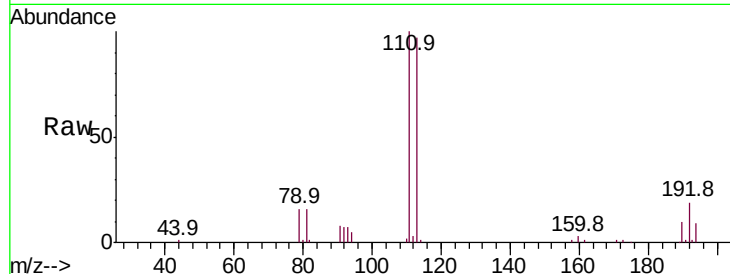




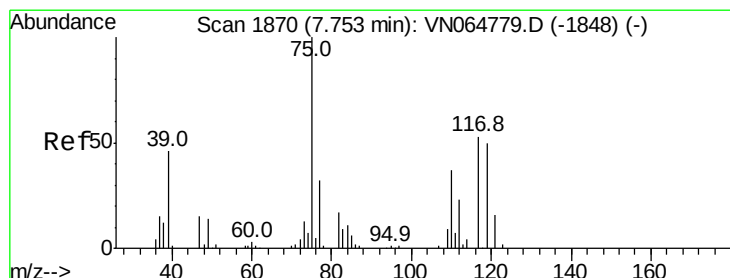
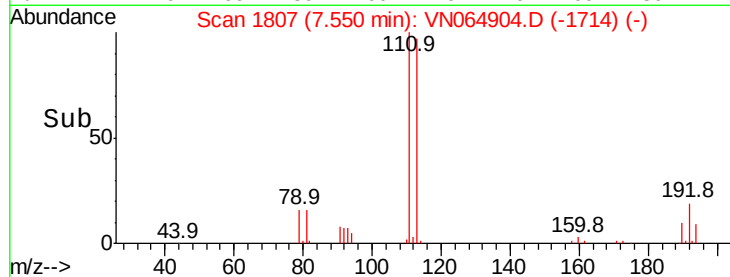
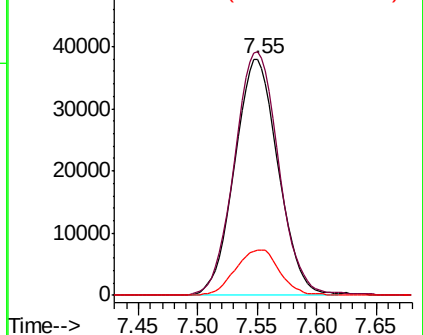
#35
 Dibromofluoromethane
 Concen: 51.625 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064904.D
 Acq: 3 Dec 2020 17:26

Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

Tot Ion:113 Resp: 96226
 Ion Ratio Lower Upper
 113 100
 111 105.3 81.6 122.4
 192 19.5 16.2 24.2

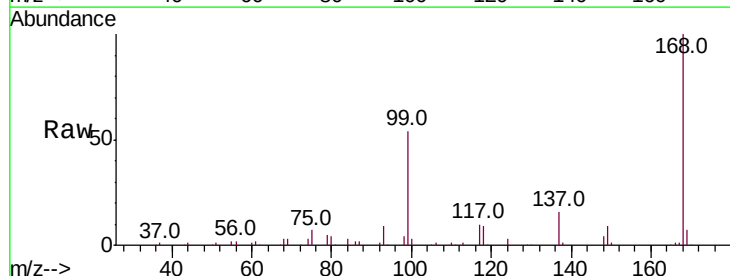


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

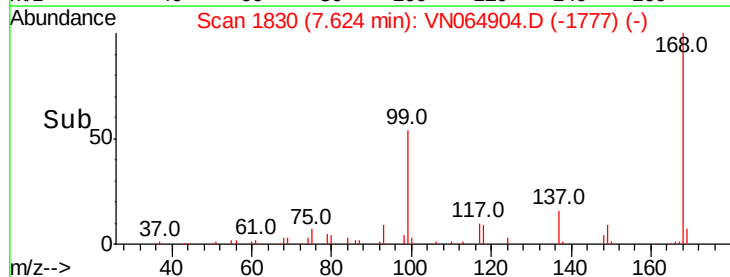
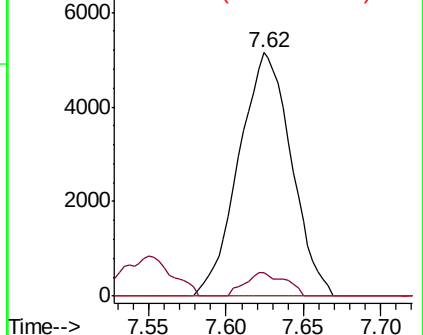


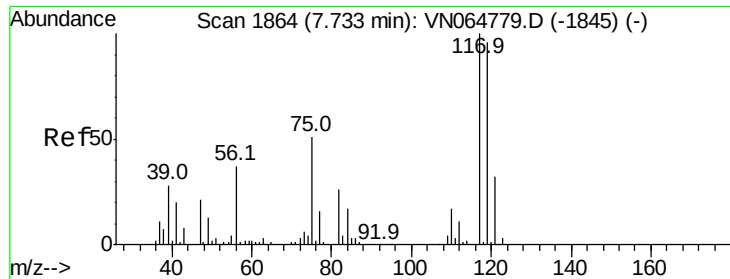
#36
 1,1-Dichloropropene
 Concen: 4.209 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN064904.D
 Acq: 3 Dec 2020 17:26

Tgt Ion: 75 Resp: 12154
 Ion Ratio Lower Upper
 75 100
 110 7.3 17.8 53.3#
 77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

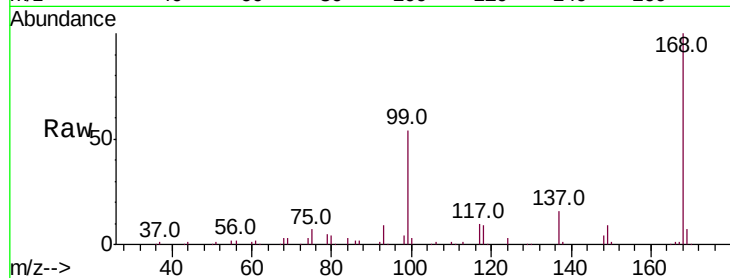




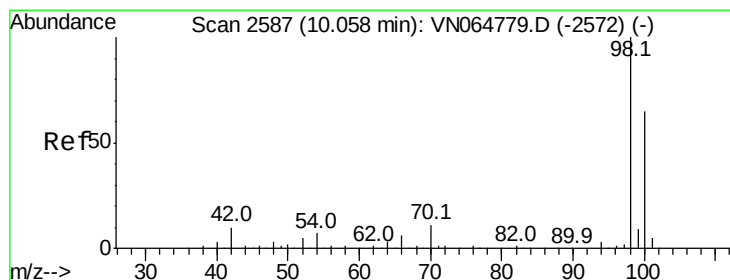
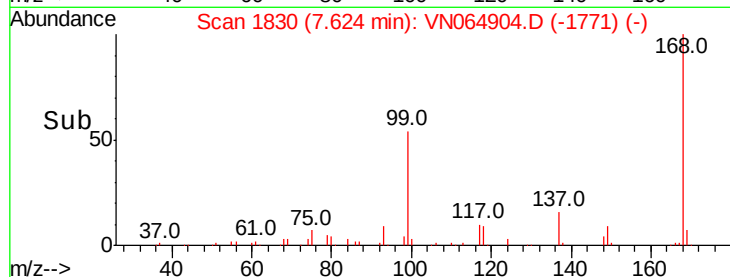
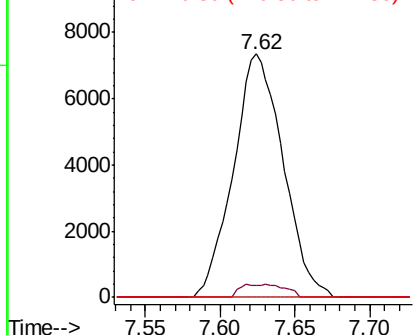
#38
Carbon Tetrachloride
Concen: 5.652 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN064904.D
Acq: 3 Dec 2020 17:26

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tot Ion:117 Resp: 16980
Ion Ratio Lower Upper
117 100
119 4.8 76.7 115.1#
121 0.0 25.4 38.2#

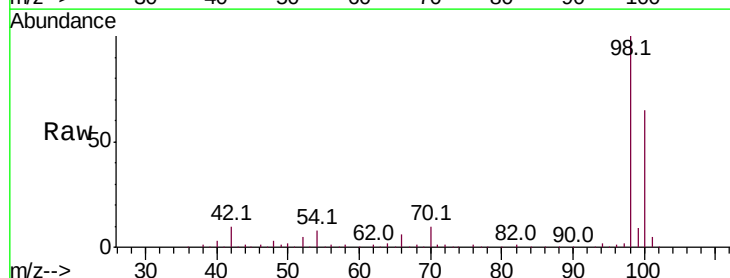


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

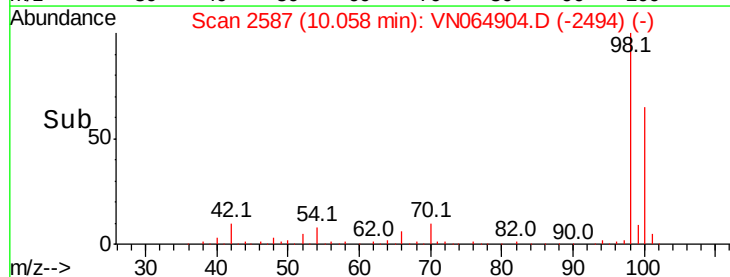
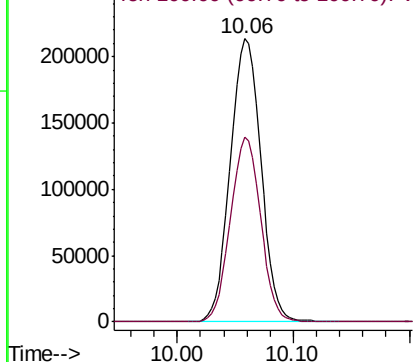


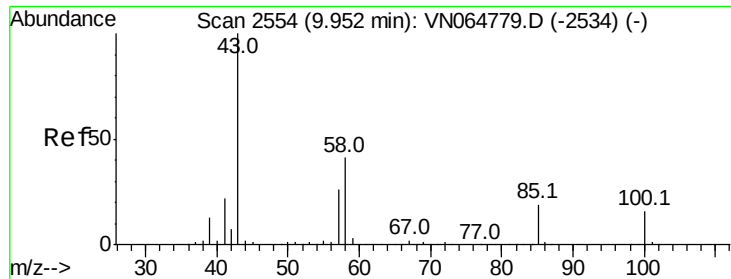
#50
Toluene-d8
Concen: 51.405 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064904.D
Acq: 3 Dec 2020 17:26

Tgt Ion: 98 Resp: 391498
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



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: 0.593 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.11 min

Lab File: VN064904.D

Acq: 3 Dec 2020 17:26

Instrument :

MSVOA_N

ClientSampled :

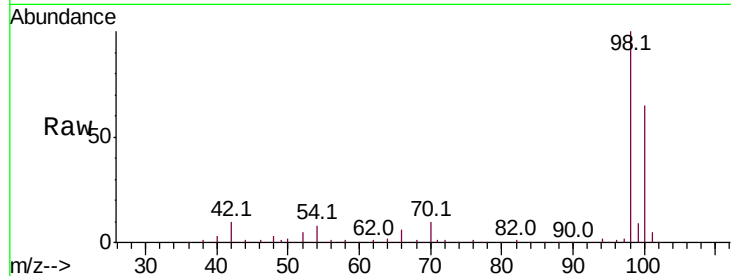
IBLK

Tot Ion: 43 Resp: 1592

Ion Ratio Lower Upper

43 100

58 182.3 32.4 48.6#



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2534) (-)

2000

1500

1000

500

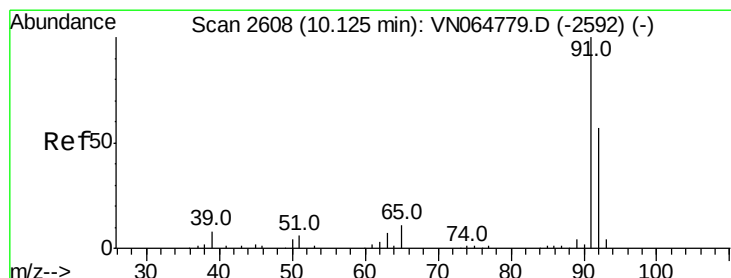
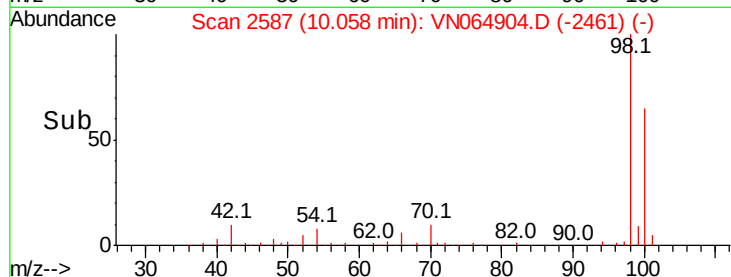
0

10.00

10.05

10.10

Time-->



#52

Toluene

Concen: 0.205 ug/l

RT: 10.12 min Scan# 2606

Delta R.T. -0.01 min

Lab File: VN064904.D

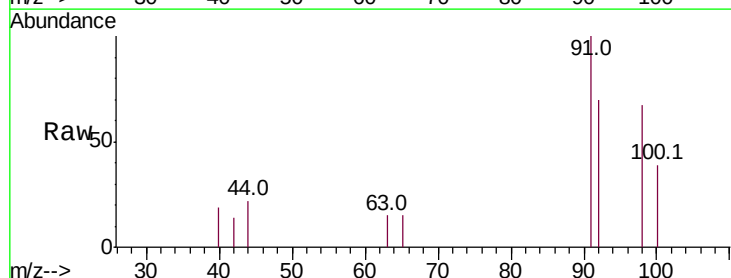
Acq: 3 Dec 2020 17:26

Tgt Ion: 92 Resp: 1117

Ion Ratio Lower Upper

92 100

91 193.6 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064779.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064779.D (-2592) (-)

1500

1000

500

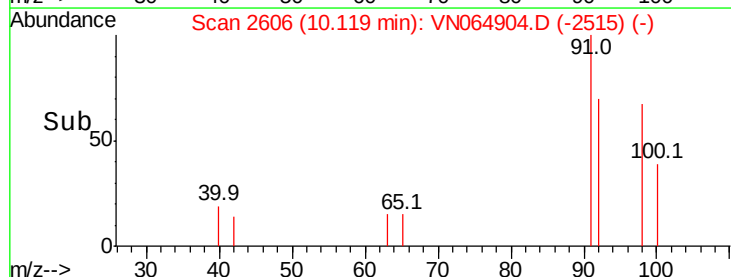
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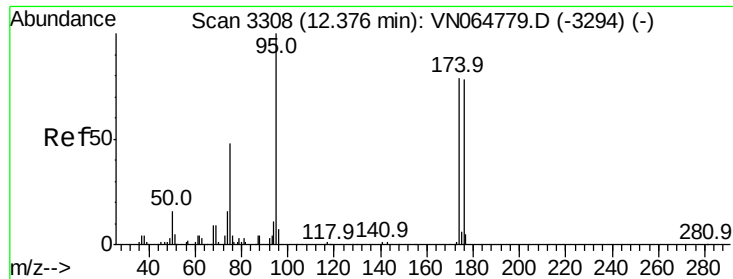
10.10

10.12

10.15

Time-->





#62

4-Bromofluorobenzene

Concen: 55.777 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064904.D

Acq: 3 Dec 2020 17:26

Instrument :

MSVOA_N

ClientSampled :

IBLK

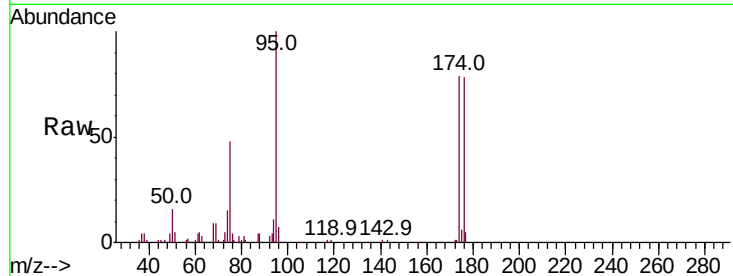
Tot Ion: 95 Resp: 152025

Ion Ratio Lower Upper

95 100

174 80.1 0.0 160.4

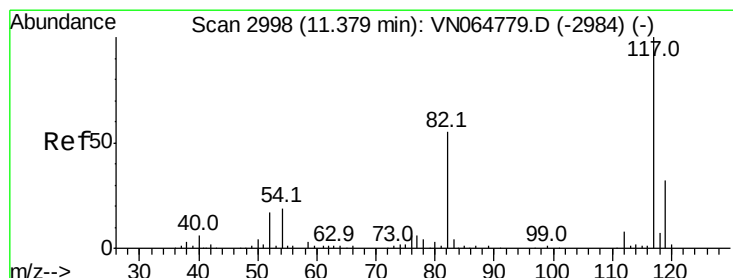
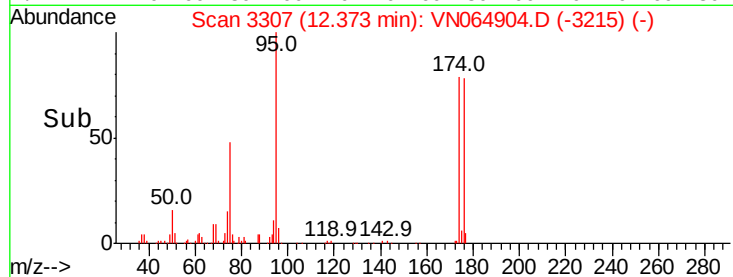
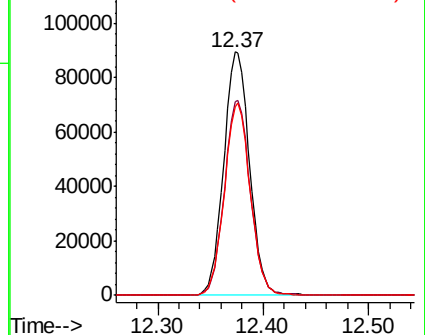
176 78.8 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN064779.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN064779.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN064779.D (-3294) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064904.D

Acq: 3 Dec 2020 17:26

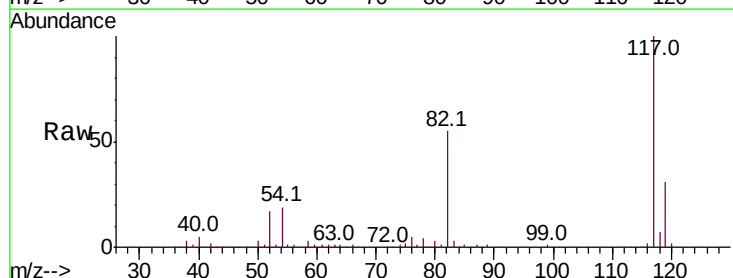
Tgt Ion: 117 Resp: 323582

Ion Ratio Lower Upper

117 100

82 55.2 44.2 66.2

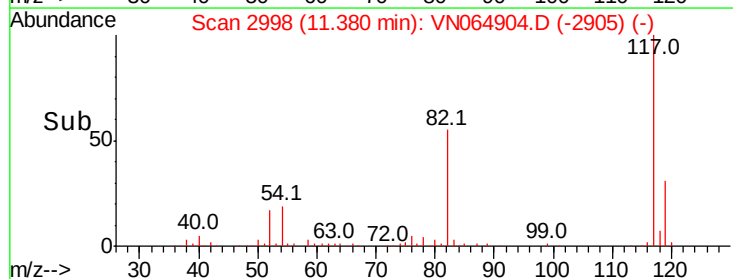
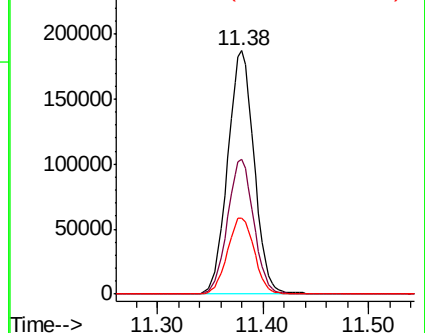
119 31.3 25.8 38.6

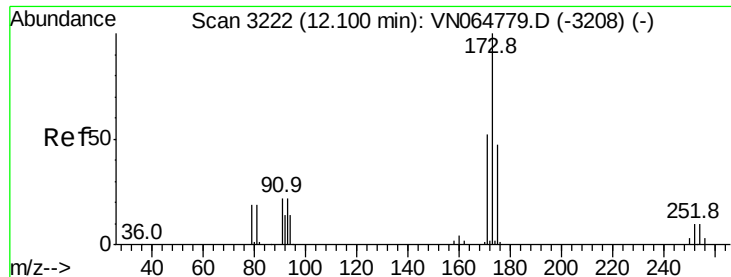


Abundance Ion 116.90 (116.60 to 117.60): VN064779.D (-2984) (-)

Ion 82.00 (81.70 to 82.70): VN064779.D (-2984) (-)

Ion 118.90 (118.60 to 119.60): VN064779.D (-2984) (-)

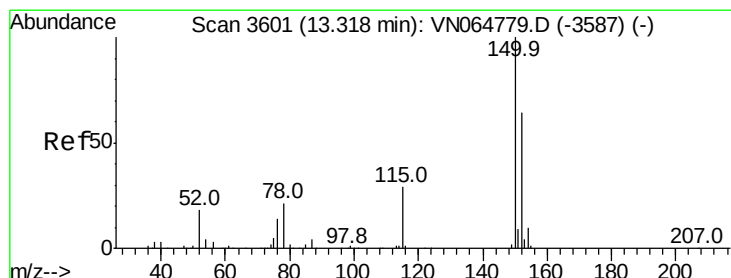
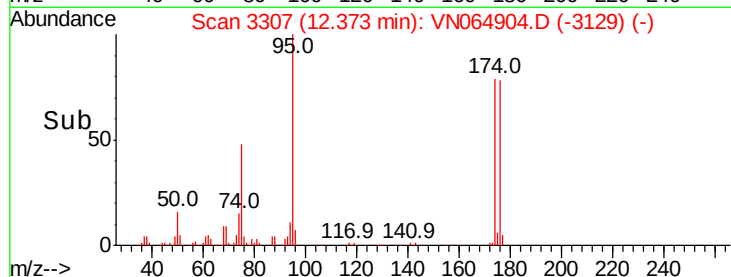
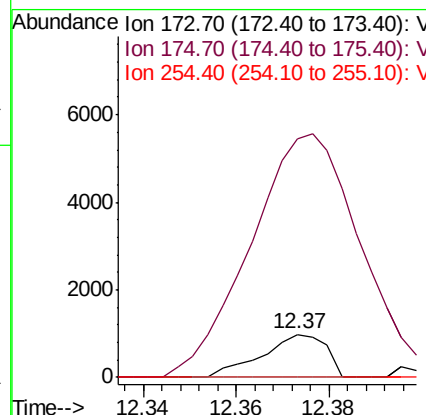
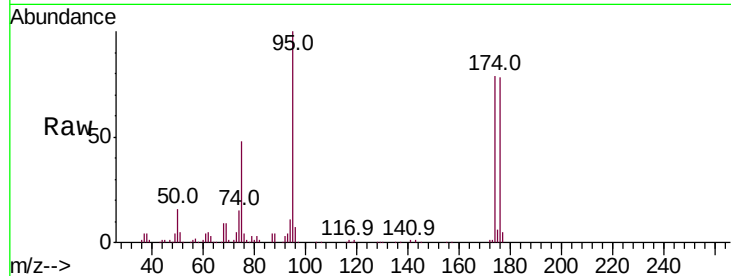




#71
Bromoform
Concen: 0.464 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. 0.27 min
Lab File: VN064904.D
Acq: 3 Dec 2020 17:26

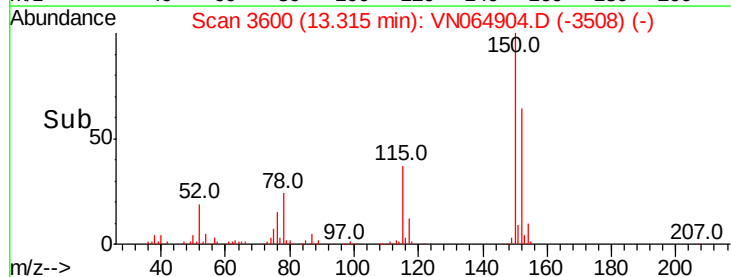
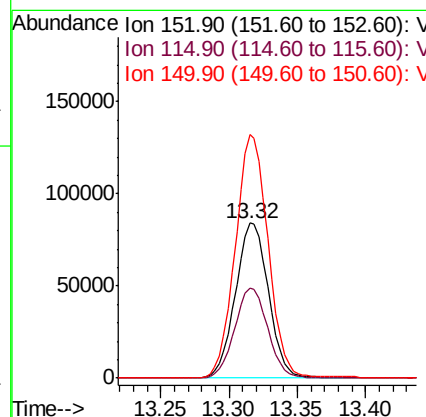
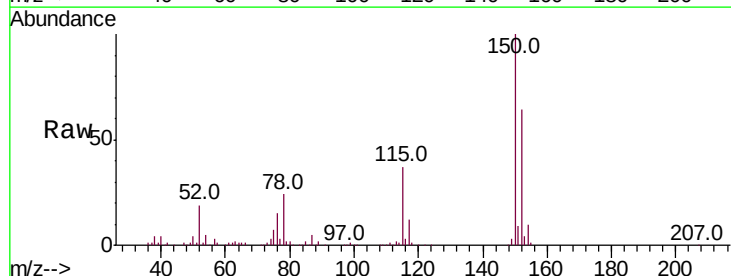
Instrument :
MSVOA_N
ClientSampleId :
IBLK

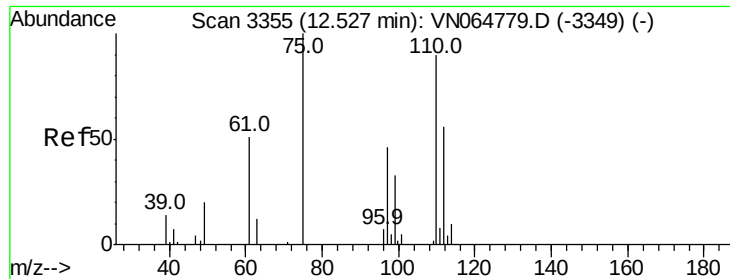
Tot Ion:173 Resp: 946
Ion Ratio Lower Upper
173 100
175 848.5 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064904.D
Acq: 3 Dec 2020 17:26

Tgt Ion:152 Resp: 142177
Ion Ratio Lower Upper
152 100
115 57.9 29.7 89.1
150 155.1 0.0 350.6





#76

1,2,3-Trichloropropane

Concen: 23.331 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN064904.D

Acq: 3 Dec 2020 17:26

Instrument :

MSVOA_N

ClientSampled :

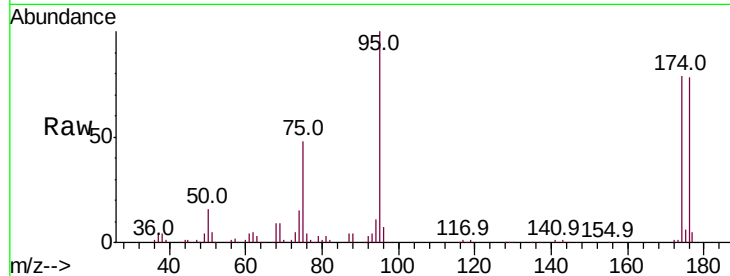
IBLK

Tot Ion: 75 Resp: 71437

Ion Ratio Lower Upper

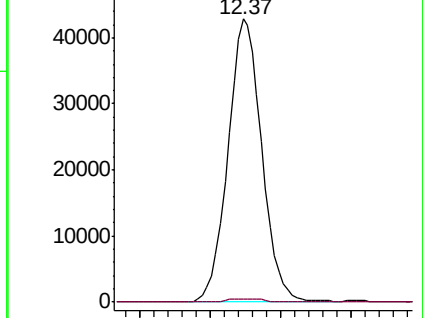
75 100

77 1.2 0.0 0.0#

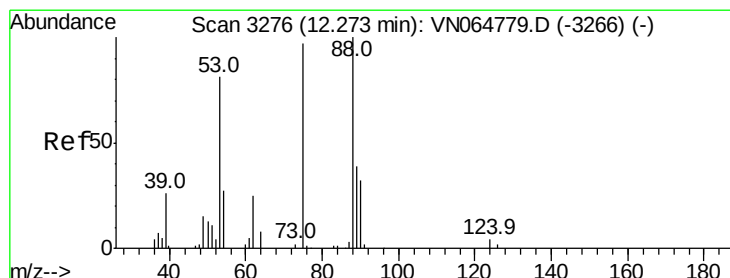
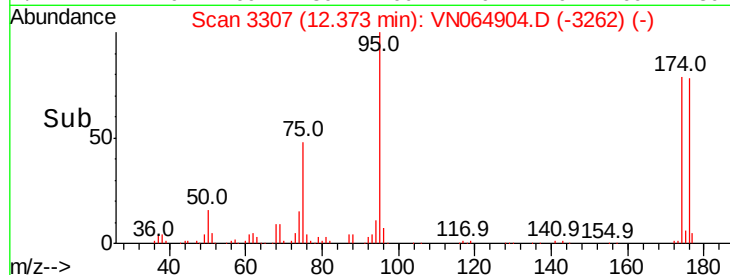


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 63.945 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN064904.D

Acq: 3 Dec 2020 17:26

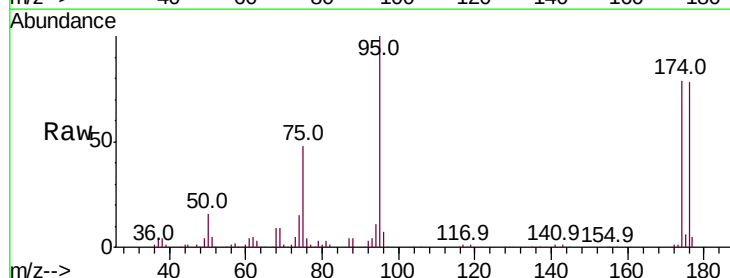
Tgt Ion: 75 Resp: 71437

Ion Ratio Lower Upper

75 100

53 0.0 67.0 100.4#

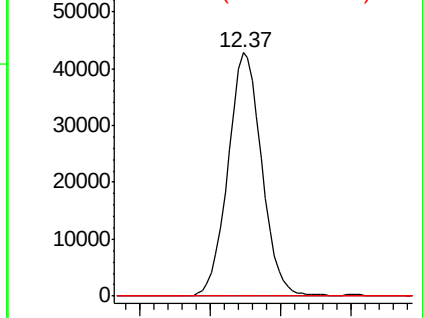
89 0.0 39.6 59.4#



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



Time-->

