

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101220\
 Data File : VN064079.D
 Acq On : 12 Oct 2020 15:47
 Operator : JC/MD
 Sample : VN1012WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBL01

Quant Time: Oct 13 01:07:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	223582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	413864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	428697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	163284	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	191055	51.72	ug/l	0.00
Spiked Amount			Recovery	=	103.44%	
35) Dibromofluoromethane	7.55	113	142976	49.79	ug/l	0.00
Spiked Amount			Recovery	=	99.58%	
50) Toluene-d8	10.06	98	537209	49.35	ug/l	0.00
Spiked Amount			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.38	95	202146	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	

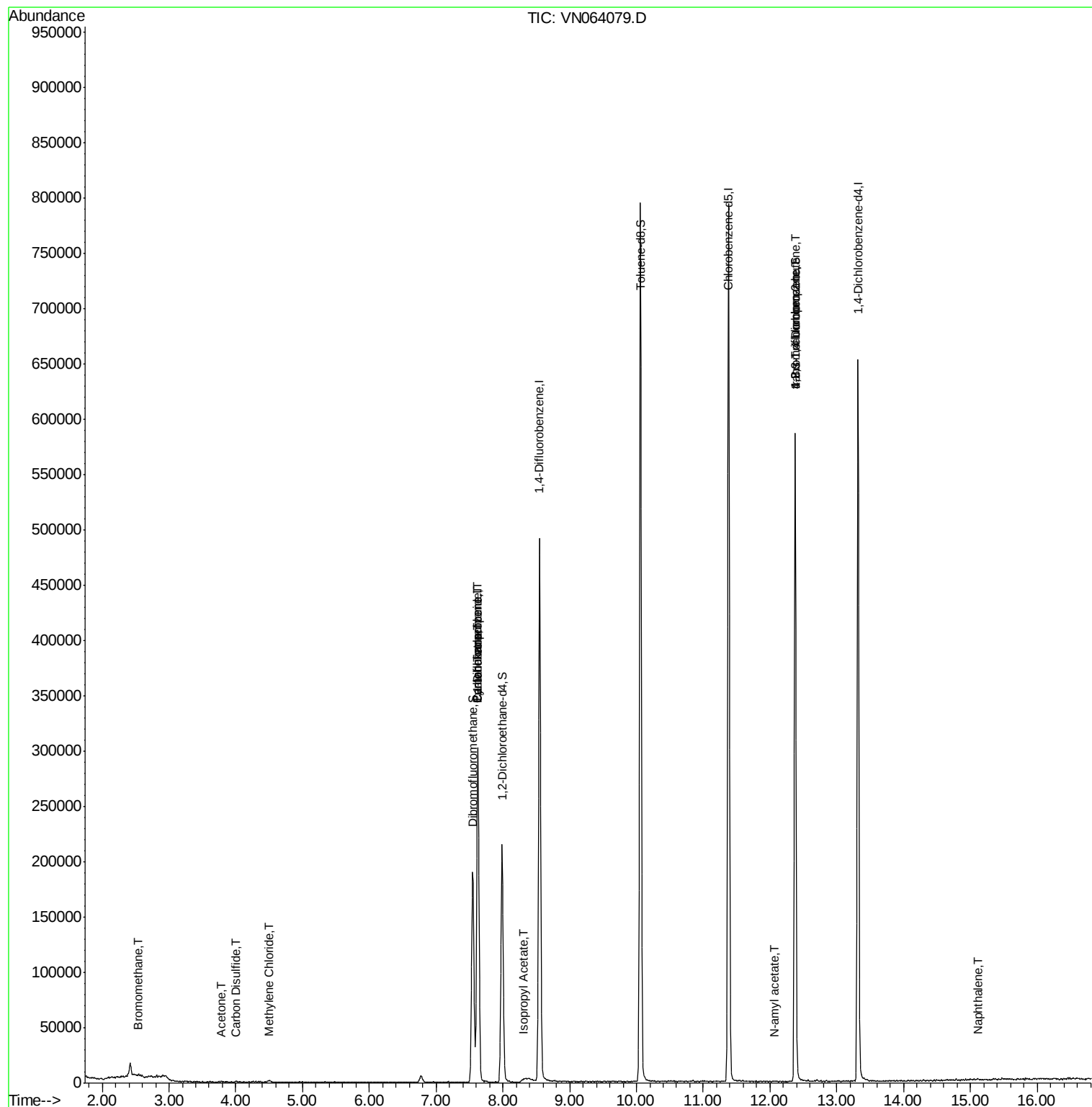
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.53	94	434	0.248	ug/l #	4
16) Acetone	3.78	43	249	0.219	ug/l #	47
17) Carbon Disulfide	4.00	76	596	0.797	ug/l #	76
20) Methylene Chloride	4.50	84	661	0.351	ug/l #	45
31) Cyclohexane	7.62	56	5886	1.373	ug/l #	31
36) 1,1-Dichloropropene	7.62	75	19634	4.683	ug/l #	50
38) Carbon Tetrachloride	7.62	117	25077	5.334	ug/l #	15
43) Isopropyl Acetate	8.30	43	2145	0.312	ug/l #	64
74) N-amyl acetate	12.06	43	237	2.257	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	112648	31.296	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	112648	90.138	ug/l #	6
95) Naphthalene	15.11	128	479	1.977	ug/l #	69

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

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ClientSampleId :
VN1012WBL01

Quant Time: Oct 13 01:07:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064079.D

Acq: 12 Oct 2020 15:47

Instrument :

MSVOA_N

ClientSampleId :

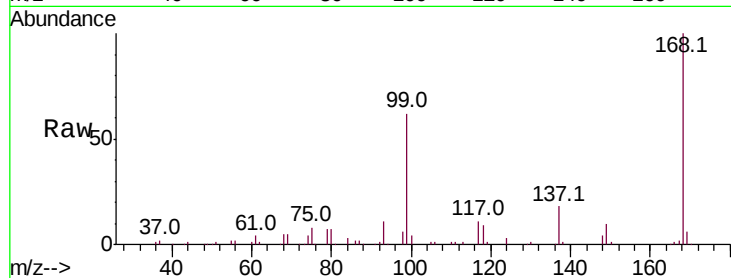
VN1012WBL01

Tot Ion:168 Resp: 223582

Ion Ratio Lower Upper

168 100

99 62.3 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

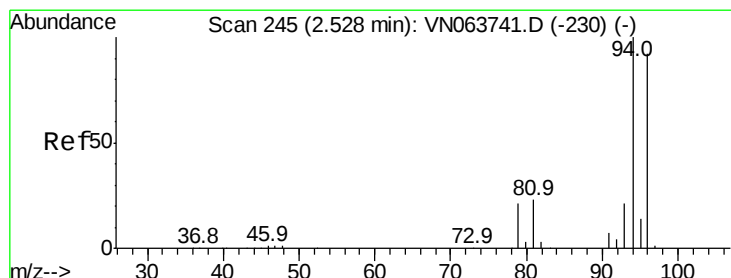
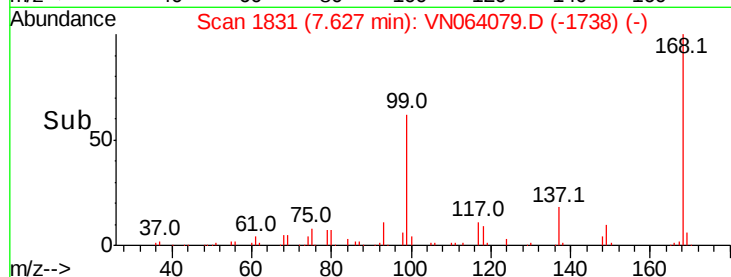
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#5

Bromomethane

Concen: 0.248 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN064079.D

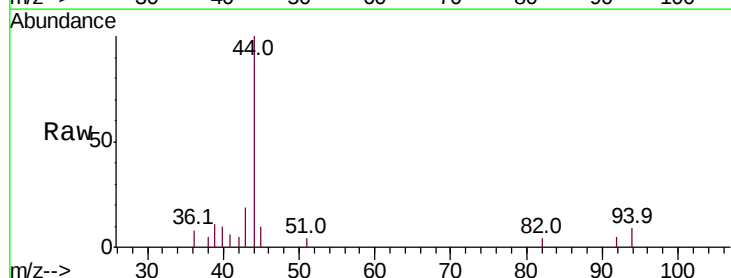
Acq: 12 Oct 2020 15:47

Tgt Ion: 94 Resp: 434

Ion Ratio Lower Upper

94 100

96 0.0 73.3 109.9#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.53

400

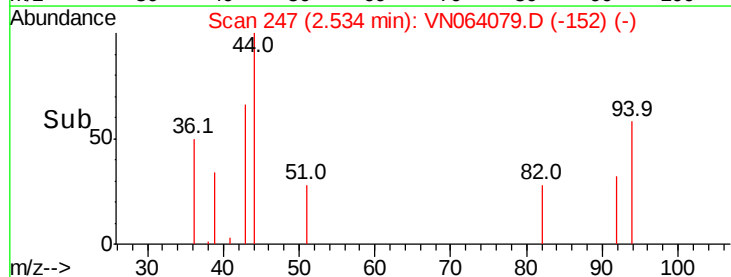
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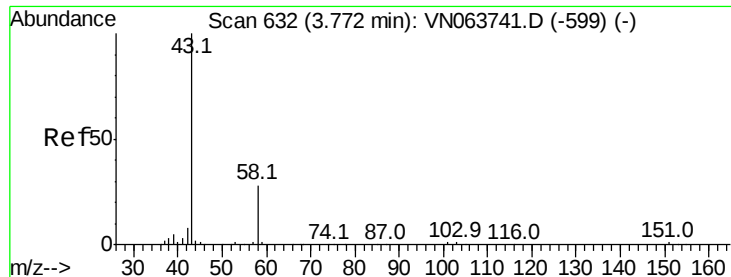
200

100

0

Time--> 2.52 2.54 2.56





#16

Acetone

Concen: 0.219 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064079.D

Acq: 12 Oct 2020 15:47

Instrument :

MSVOA_N

ClientSampleId :

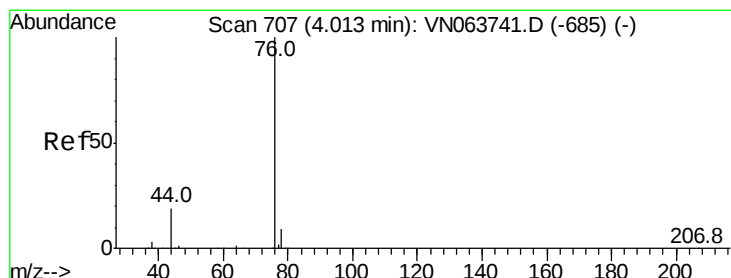
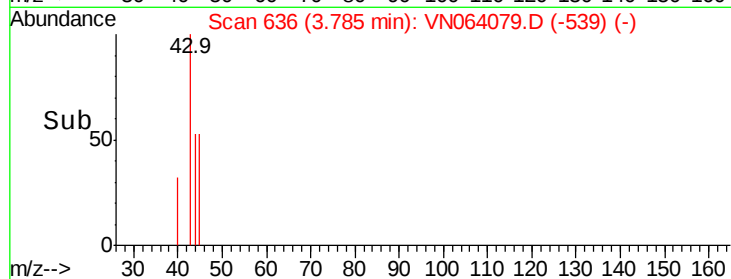
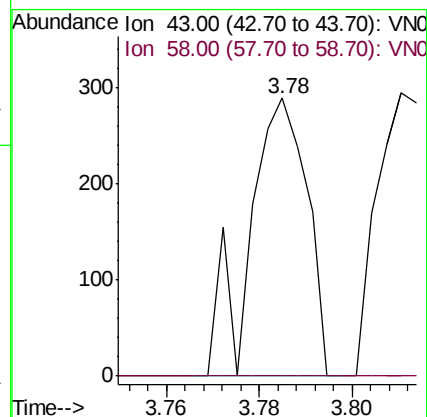
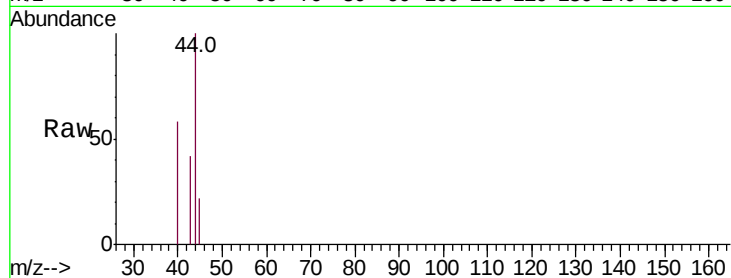
VN1012WBL01

Tot Ion: 43 Resp: 249

Ion Ratio Lower Upper

43 100

58 0.0 22.3 33.5#



#17

Carbon Disulfide

Concen: 0.797 ug/l

RT: 4.00 min Scan# 704

Delta R.T. -0.01 min

Lab File: VN064079.D

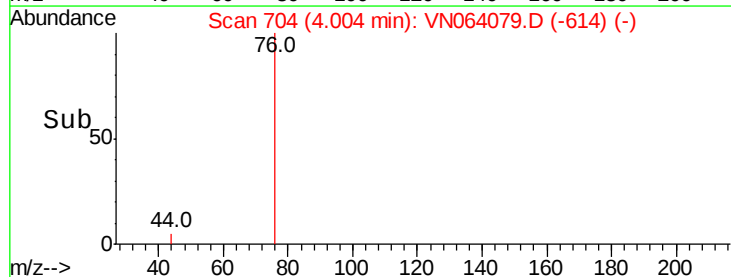
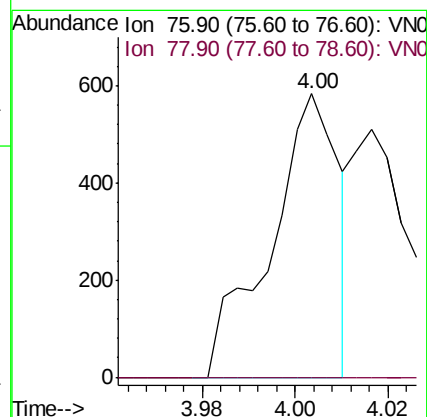
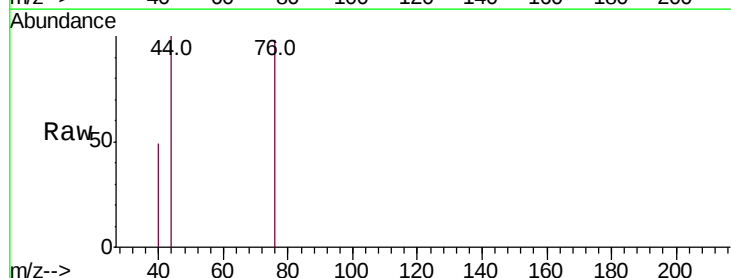
Acq: 12 Oct 2020 15:47

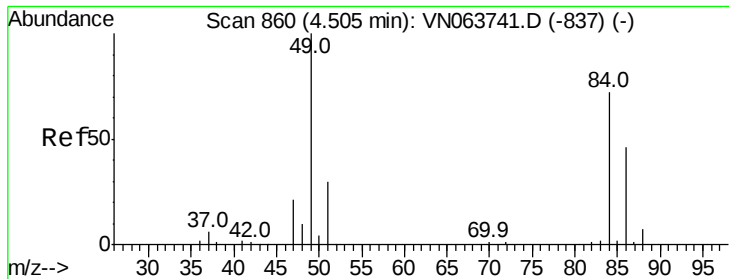
Tgt Ion: 76 Resp: 596

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#





#20

Methvlene Chloride

Concen: 0.351 ug/l

RT: 4.50 min Scan# 857

Delta R.T. -0.01 min

Lab File: VN064079.D

Acq: 12 Oct 2020 15:47

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBL01

Tot Ion: 84 Resp: 661

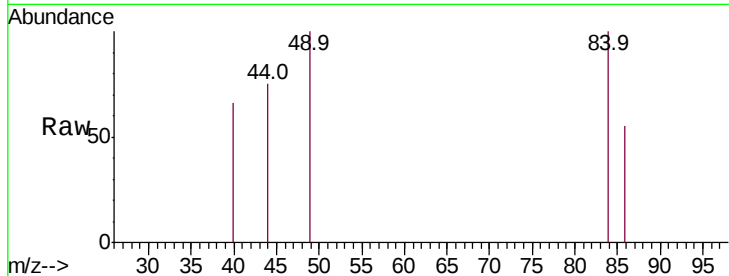
Ion Ratio Lower Upper

84 100

49 51.9 110.4 165.6#

51 0.0 33.3 49.9#

86 55.1 50.7 76.1

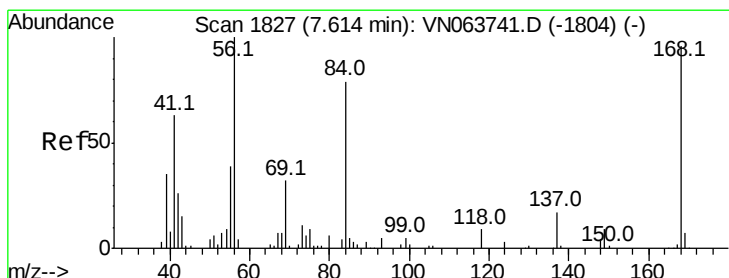
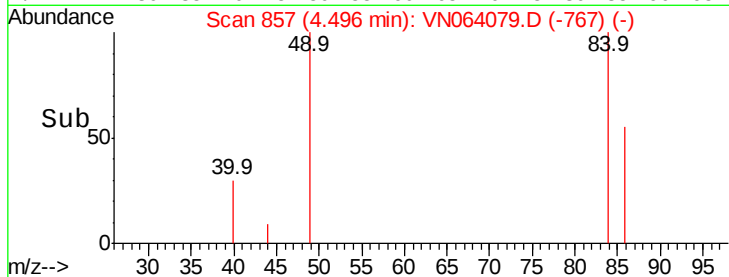
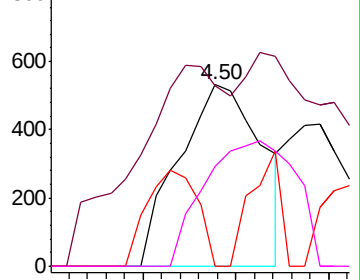


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#31

Cyclohexane

Concen: 1.373 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN064079.D

Acq: 12 Oct 2020 15:47

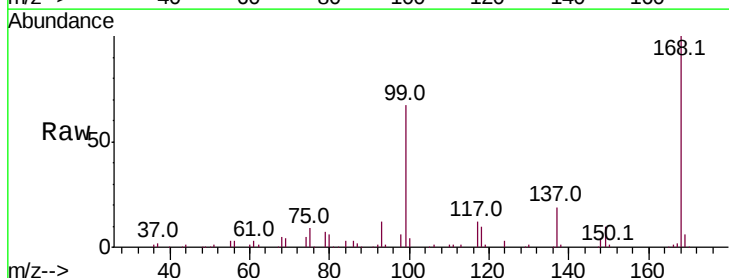
Tgt Ion: 56 Resp: 5886

Ion Ratio Lower Upper

56 100

69 130.9 25.4 38.2#

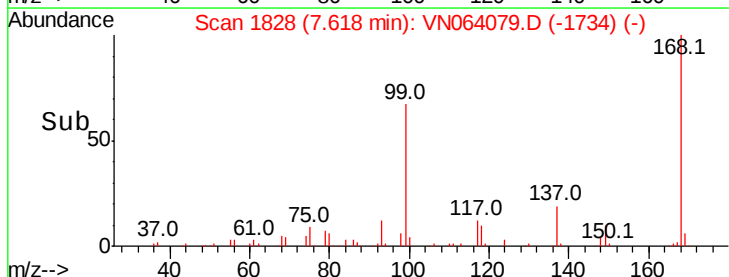
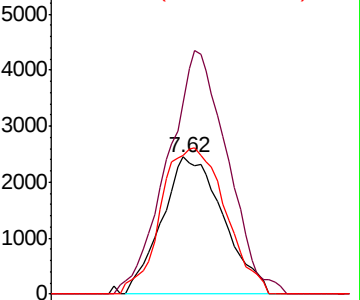
84 101.4 63.3 94.9#

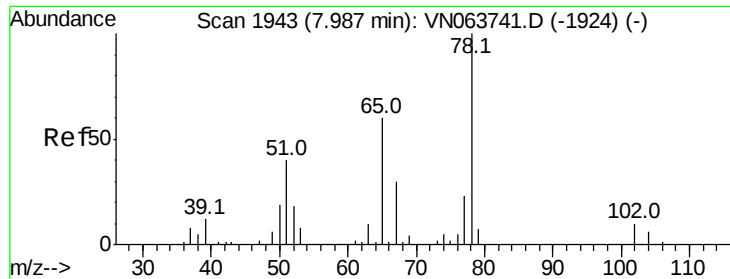


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

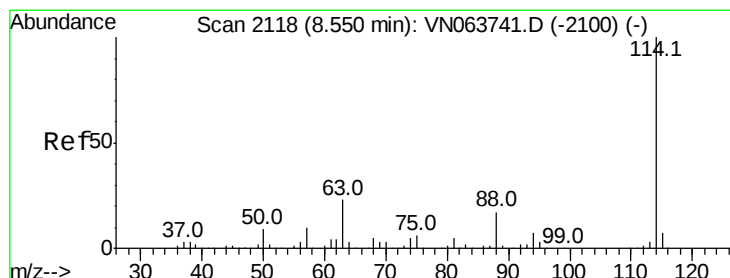
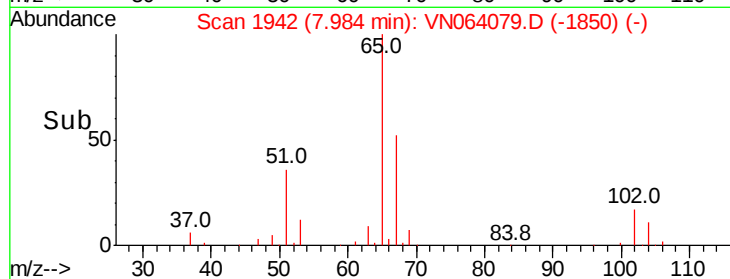
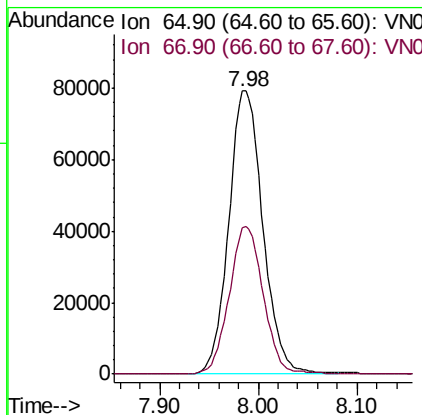
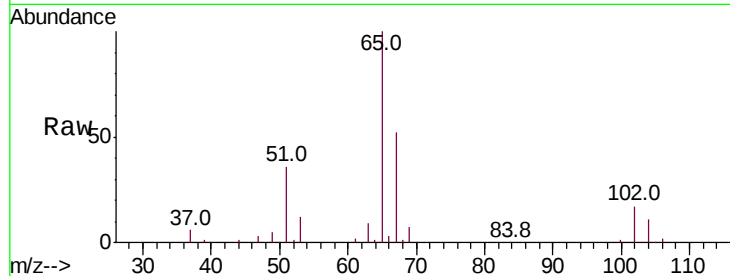




#33
 1,2-Dichloroethane-d4
 Concen: 51.724 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064079.D
 Acq: 12 Oct 2020 15:47

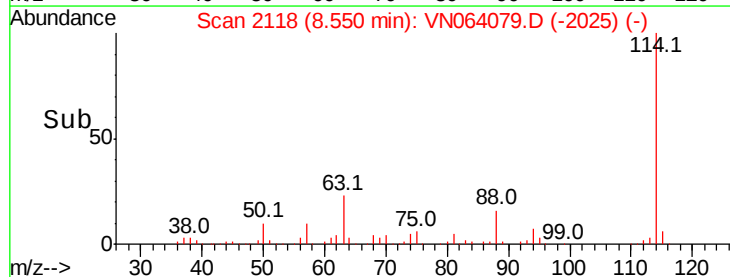
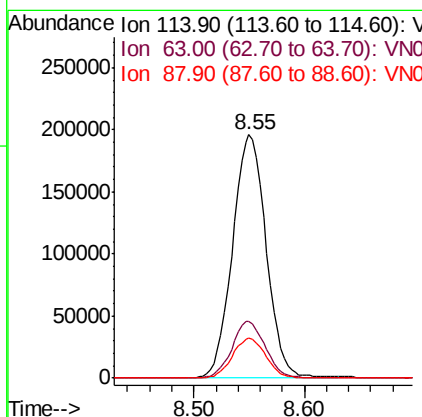
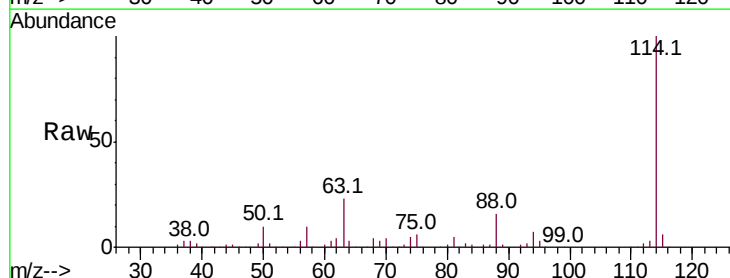
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBL01

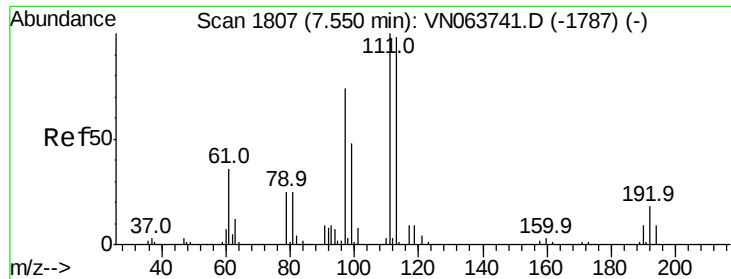
Tot Ion: 65 Resp: 191055
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064079.D
 Acq: 12 Oct 2020 15:47

Tgt Ion: 114 Resp: 413864
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 45.0
 88 16.3 0.0 34.0

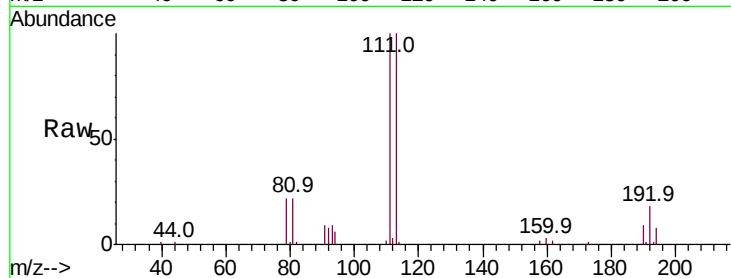




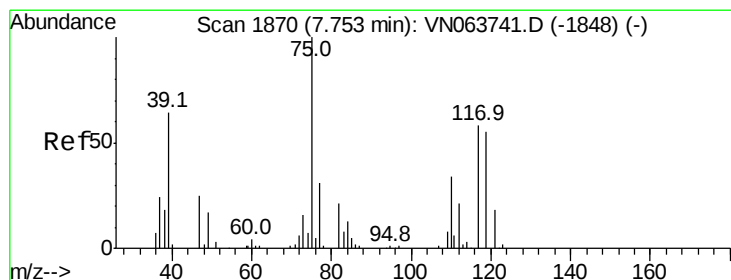
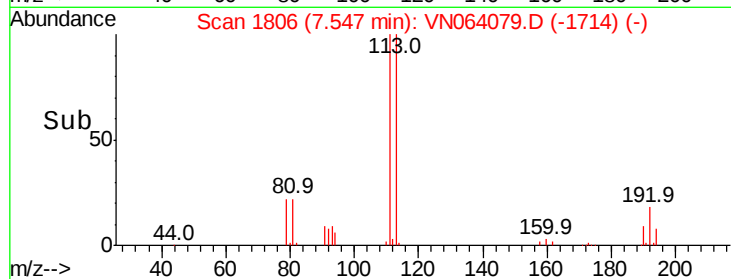
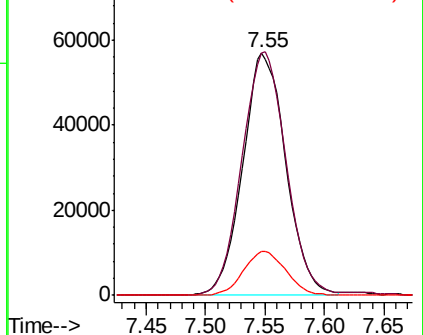
#35
 Dibromofluoromethane
 Concen: 49.788 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064079.D
 Acq: 12 Oct 2020 15:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBL01

Tot Ion:113 Resp: 142976
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.8 122.8
 192 17.8 14.2 21.2

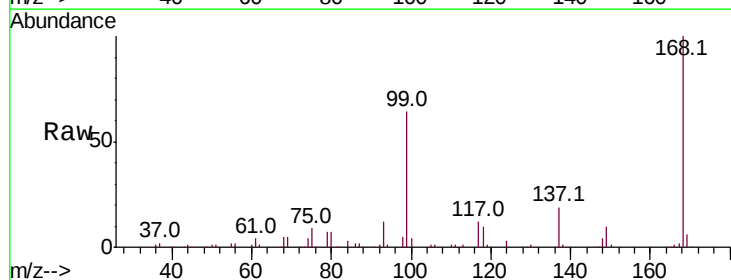


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

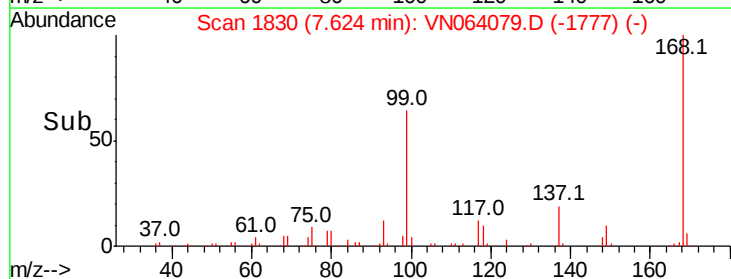
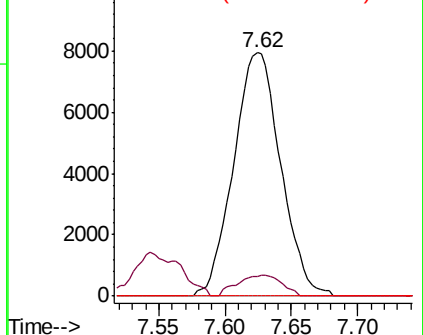


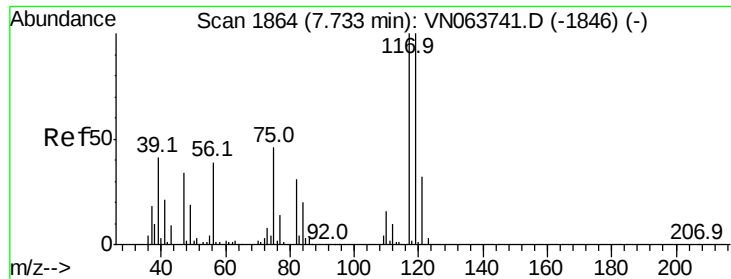
#36
 1,1-Dichloropropene
 Concen: 4.683 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN064079.D
 Acq: 12 Oct 2020 15:47

Tgt Ion: 75 Resp: 19634
 Ion Ratio Lower Upper
 75 100
 110 8.1 16.9 50.6#
 77 0.0 24.5 36.7#



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

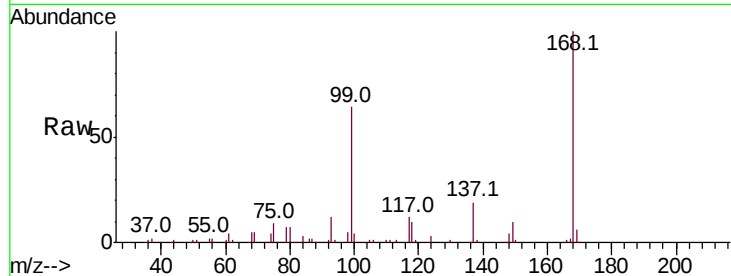




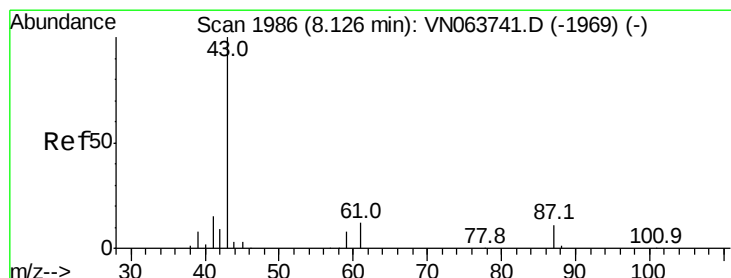
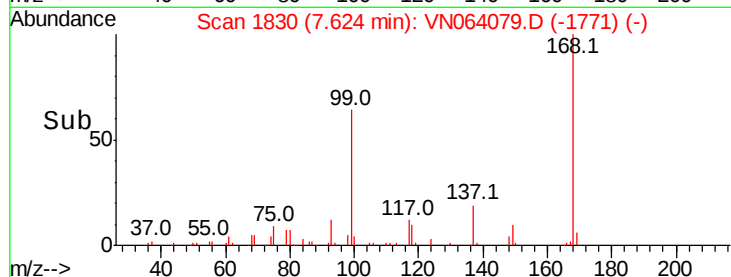
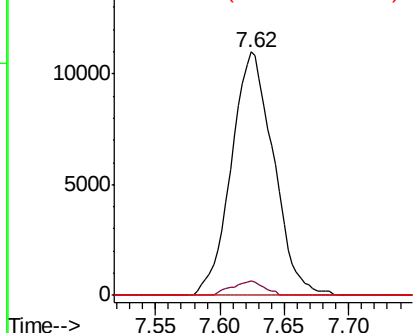
#38
 Carbon Tetrachloride
 Concen: 5.334 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.11 min
 Lab File: VN064079.D
 Acq: 12 Oct 2020 15:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBL01

Tot Ion:117 Resp: 25077
 Ion Ratio Lower Upper
 117 100
 119 6.1 80.1 120.1#
 121 0.0 25.7 38.5#

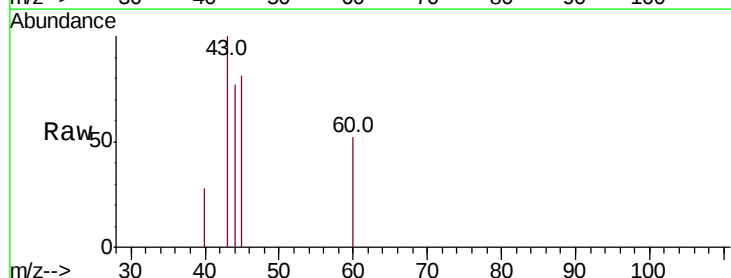


Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

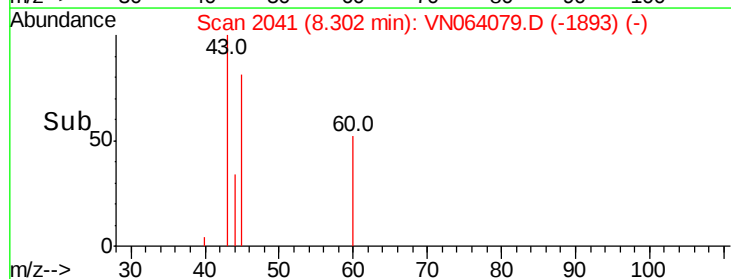
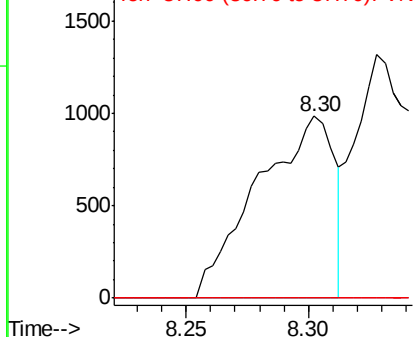


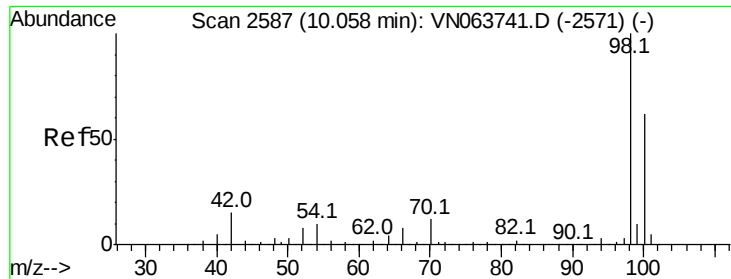
#43
 Isopropyl Acetate
 Concen: 0.312 ug/l
 RT: 8.30 min Scan# 2041
 Delta R.T. 0.18 min
 Lab File: VN064079.D
 Acq: 12 Oct 2020 15:47

Tgt Ion: 43 Resp: 2145
 Ion Ratio Lower Upper
 43 100
 61 0.0 14.2 21.4#
 87 0.0 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): V
 Ion 61.00 (60.70 to 61.70): V
 Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 49.347 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064079.D

Acq: 12 Oct 2020 15:47

Instrument :

MSVOA_N

ClientSampleId :

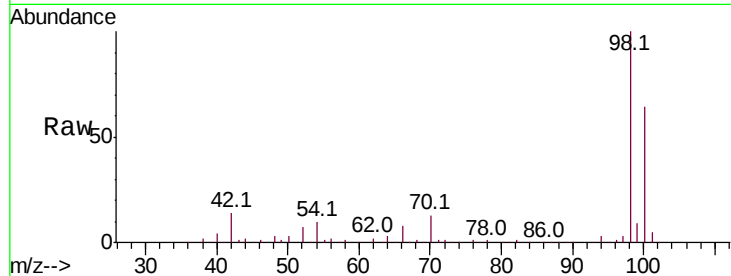
VN1012WBL01

Tot Ion: 98 Resp: 537209

Ion Ratio Lower Upper

98 100

100 63.7 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.06

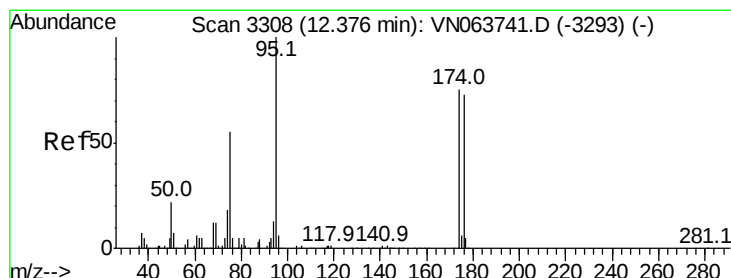
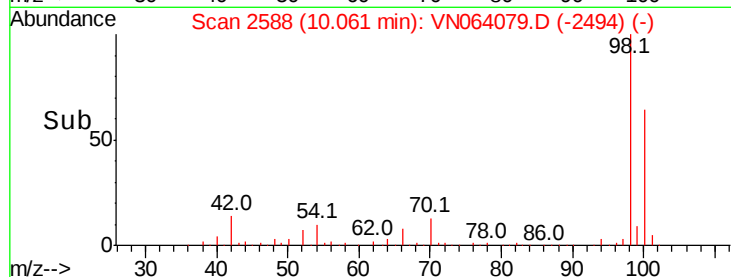
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.397 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064079.D

Acq: 12 Oct 2020 15:47

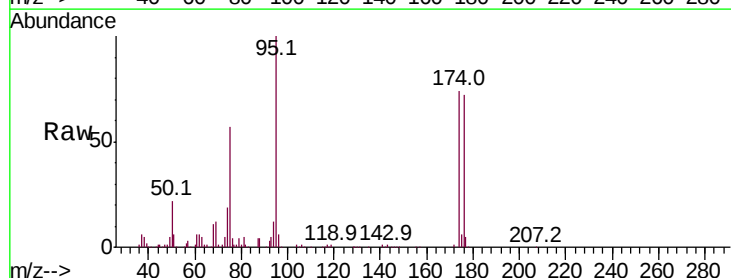
Tgt Ion: 95 Resp: 202146

Ion Ratio Lower Upper

95 100

174 74.2 0.0 150.6

176 71.1 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

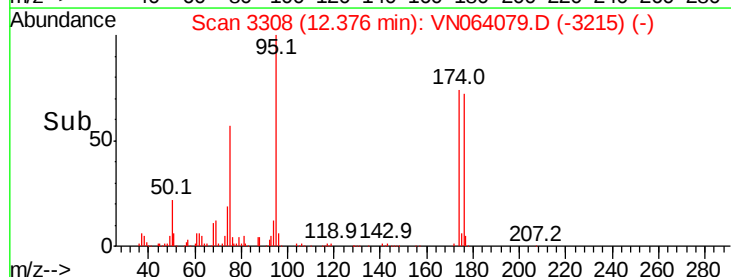
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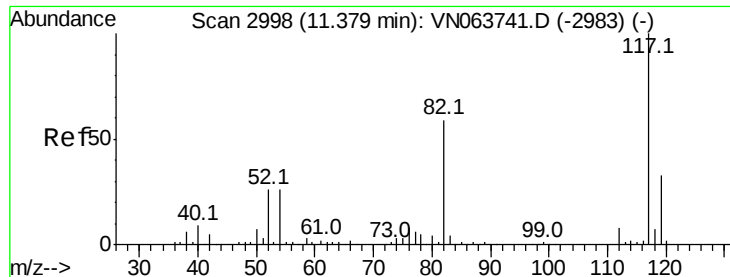
100000

50000

0

Time-->

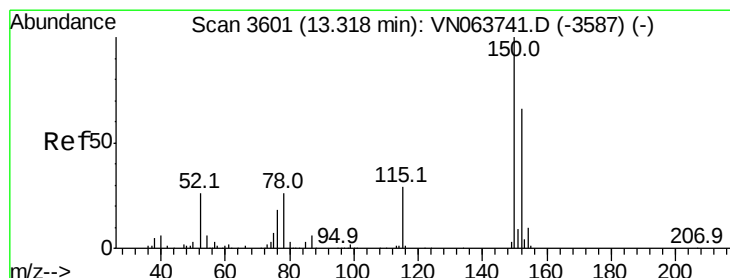
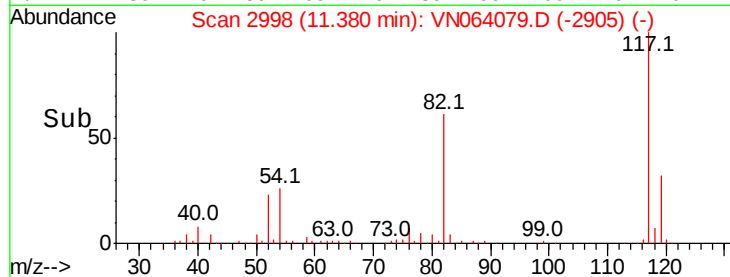
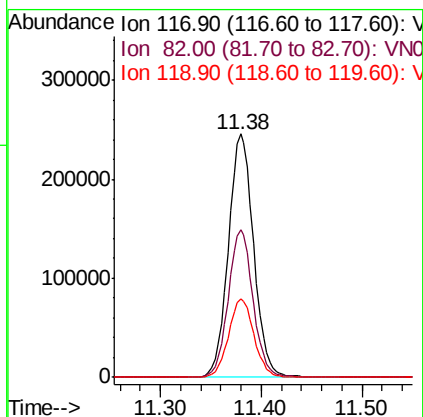
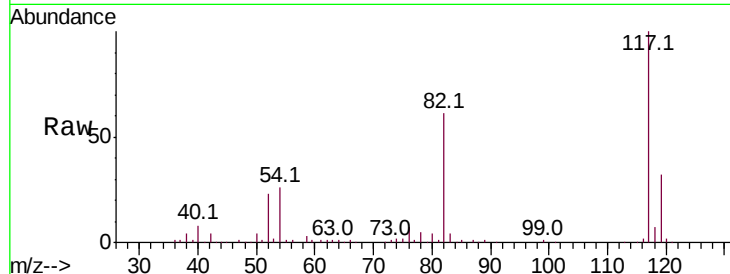




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064079.D
Acq: 12 Oct 2020 15:47

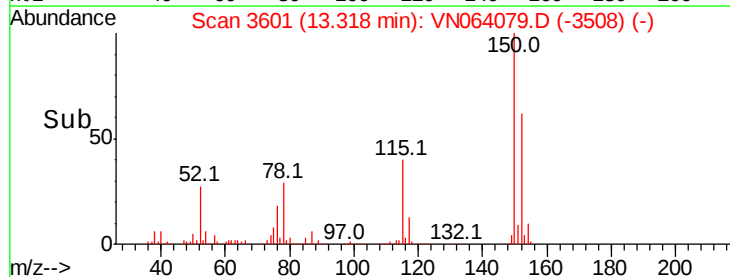
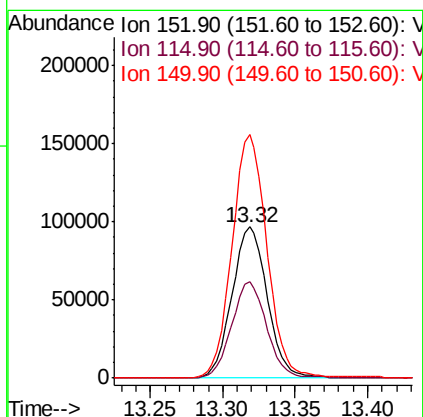
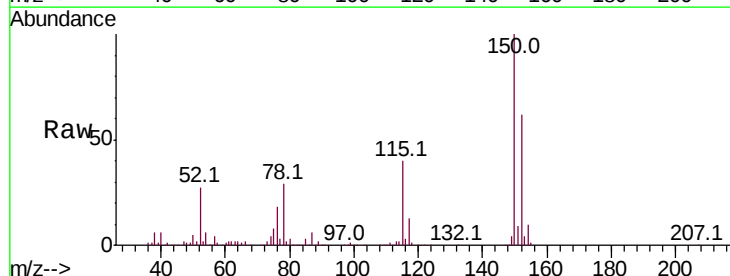
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBL01

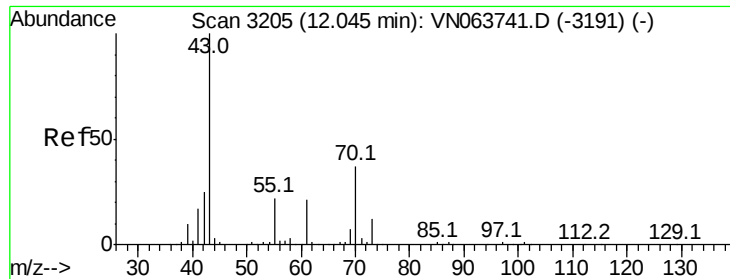
Tot Ion:117 Resp: 428697
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.2
119 32.0 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064079.D
Acq: 12 Oct 2020 15:47

Tgt Ion:152 Resp: 163284
Ion Ratio Lower Upper
152 100
115 63.6 31.3 93.8
150 159.1 0.0 341.8





#74

N-amvl acetate

Concen: 2.257 ug/l

RT: 12.06 min Scan# 3210

Delta R.T. 0.02 min

Lab File: VN064079.D

Acq: 12 Oct 2020 15:47

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBL01

Tot Ion: 43 Resp: 237

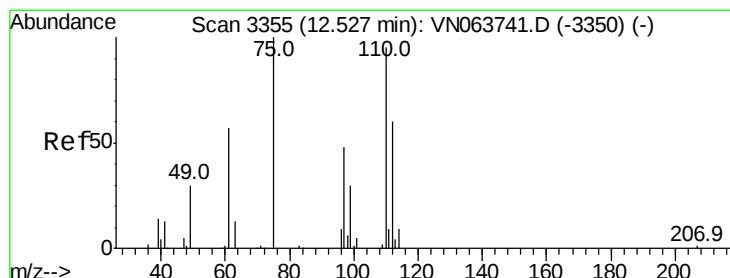
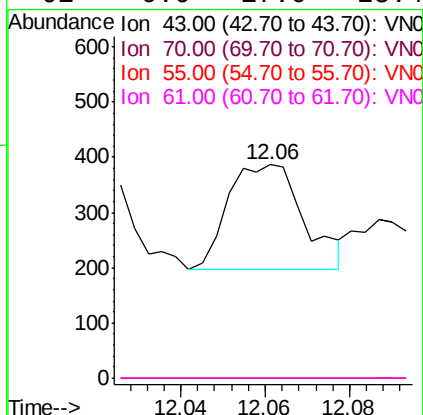
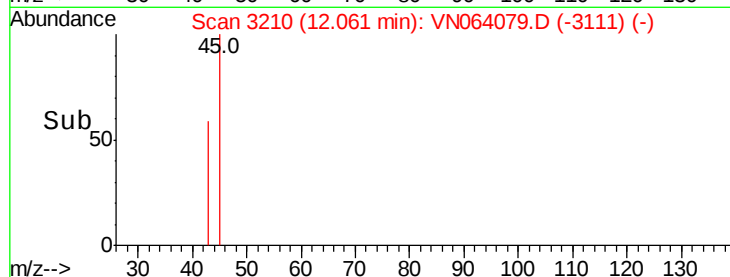
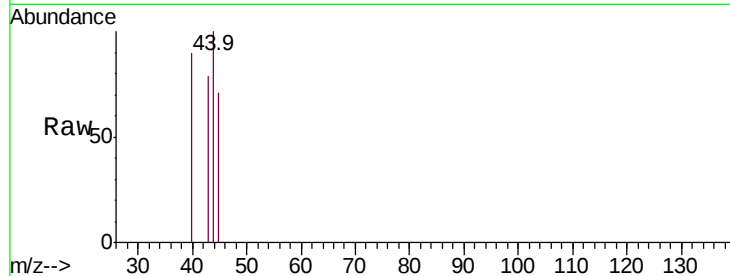
Ion Ratio Lower Upper

43 100

70 0.0 29.8 44.8#

55 0.0 17.9 26.9#

61 0.0 17.0 25.4#



#76

1,2,3-Trichloropropane

Concen: 31.296 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064079.D

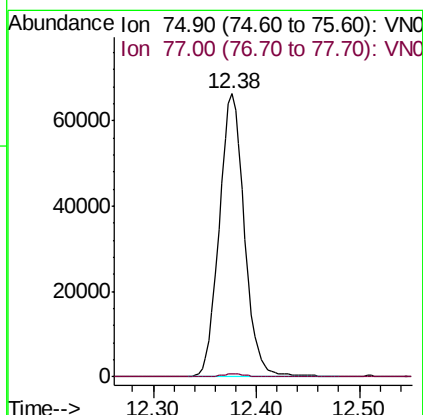
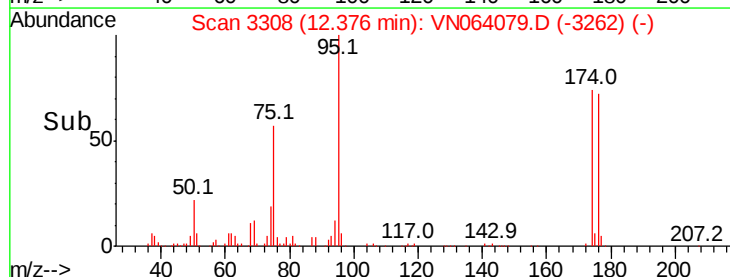
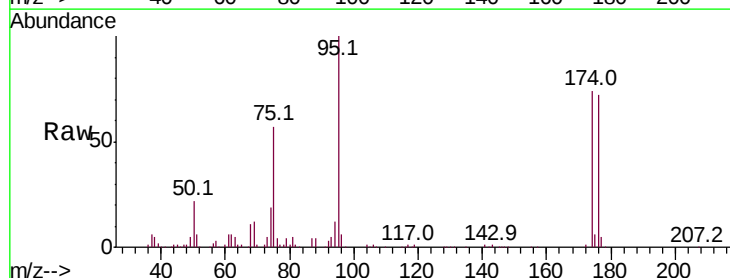
Acq: 12 Oct 2020 15:47

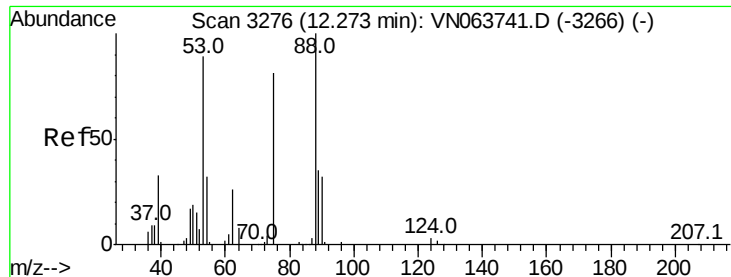
Tgt Ion: 75 Resp: 112648

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 90.138 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064079.D

Acq: 12 Oct 2020 15:47

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBL01

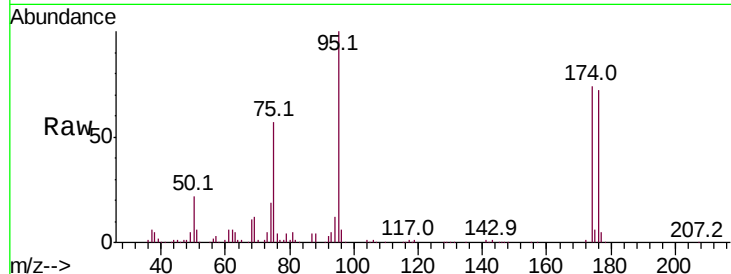
Tot Ion: 75 Resp: 112648

Ion Ratio Lower Upper

75 100

53 0.0 88.2 132.2#

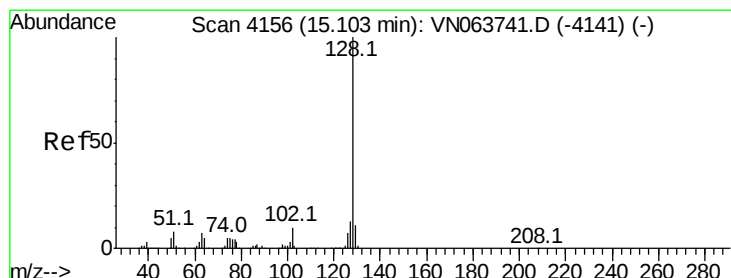
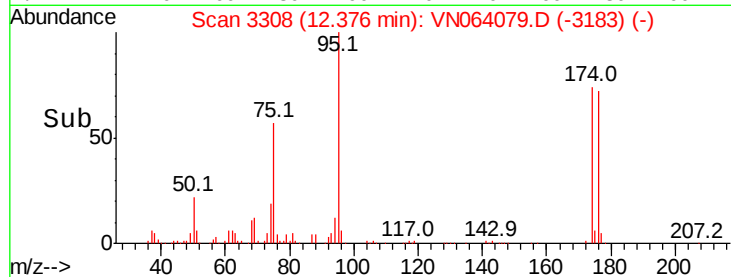
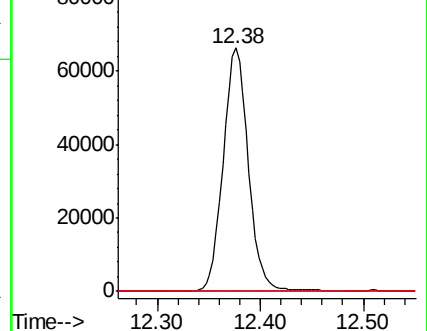
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN063741.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN063741.D (-3266) (-)

Ion 88.90 (88.60 to 89.60): VN063741.D (-3266) (-)



#95

Naphthalene

Concen: 1.977 ug/l

RT: 15.11 min Scan# 4159

Delta R.T. 0.01 min

Lab File: VN064079.D

Acq: 12 Oct 2020 15:47

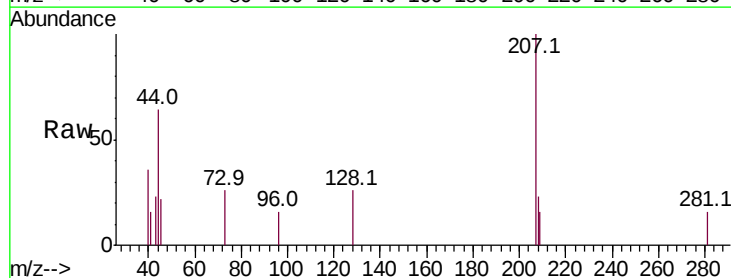
Tgt Ion: 128 Resp: 479

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): VN063741.D (-4141) (-)

Ion 127.00 (126.70 to 127.70): VN063741.D (-4141) (-)

Ion 129.00 (128.70 to 129.70): VN063741.D (-4141) (-)

