

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064820.D
 Acq On : 24 Nov 2020 19:04
 Operator : JC/MD
 Sample : L4798-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB01-20201118

Quant Time: Nov 25 04:07:36 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	7.63	168	172557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	307293	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	316781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	147367	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	104063	51.87	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.74%
35) Dibromofluoromethane	7.55	113	95462	51.92	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.84%
50) Toluene-d8	10.06	98	383287	51.02	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.04%
62) 4-Bromofluorobenzene	12.37	95	150059	55.81	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.62%

Target Compounds

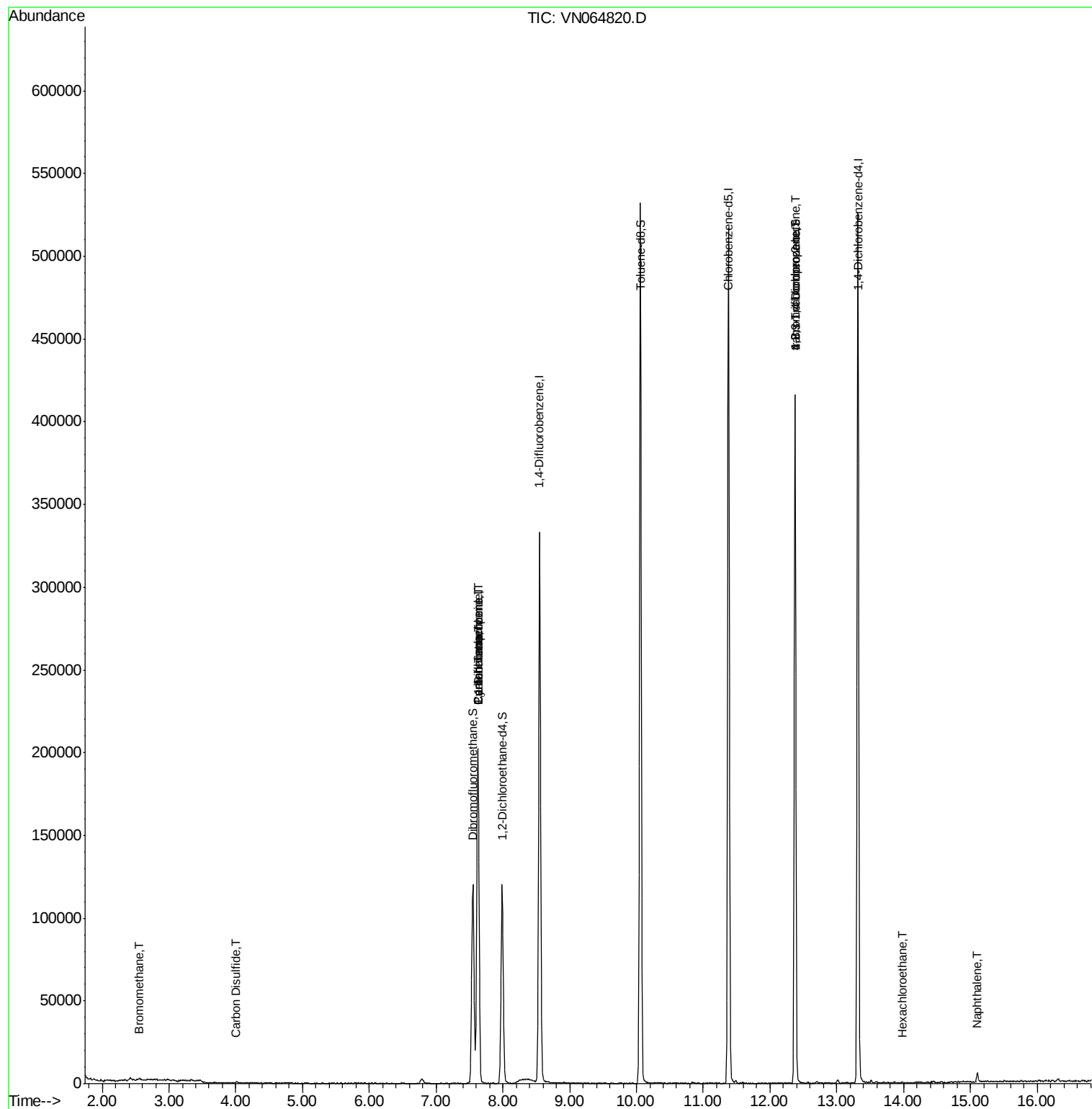
					Qvalue	
5) Bromomethane	2.55	94	547	0.411	ug/l #	70
17) Carbon Disulfide	4.01	76	1362	0.321	ug/l #	75
31) Cyclohexane	7.62	56	3072	1.099	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	12174	4.274	ug/l #	49
38) Carbon Tetrachloride	7.63	117	16306	5.502	ug/l #	16
76) 1,2,3-Trichloropropane	12.37	75	71463	22.517	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	71463	61.715	ug/l #	15
90) Hexachloroethane	13.97	117	370	0.247	ug/l #	9
95) Naphthalene	15.10	128	6374	0.713	ug/l #	92

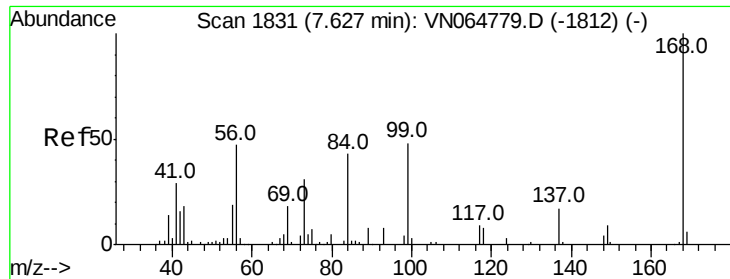
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064820.D

Acq: 24 Nov 2020 19:04

Instrument :

MSVOA_N

ClientSampleId :

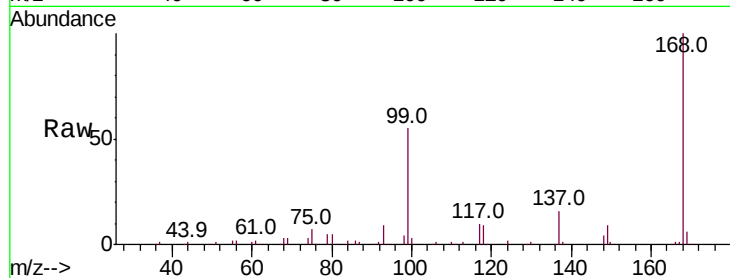
TB01-20201118

Tot Ion:168 Resp: 172557

Ion Ratio Lower Upper

168 100

99 54.5 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) (-)

7.63

80000

60000

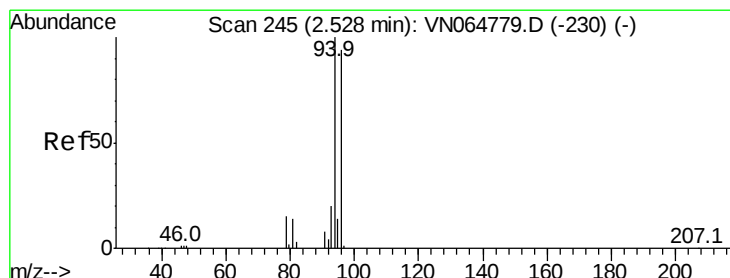
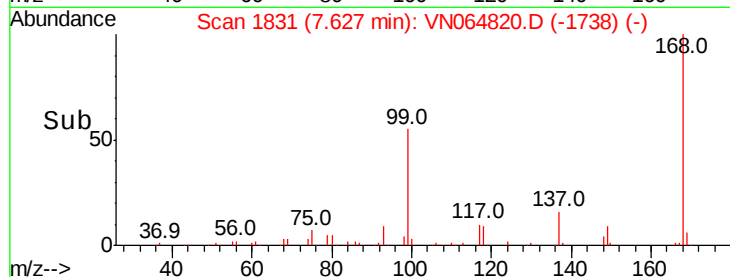
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#5

Bromomethane

Concen: 0.411 ug/l

RT: 2.55 min Scan# 251

Delta R.T. 0.02 min

Lab File: VN064820.D

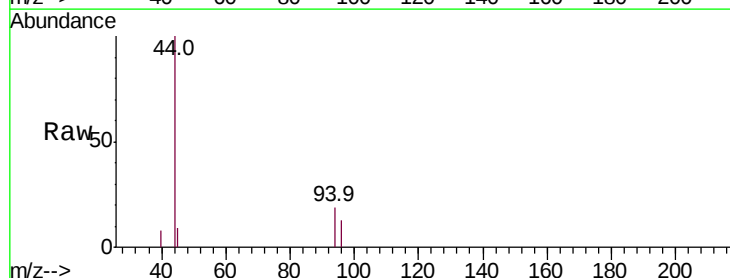
Acq: 24 Nov 2020 19:04

Tgt Ion: 94 Resp: 547

Ion Ratio Lower Upper

94 100

96 65.6 75.4 113.0#



Abundance Ion 93.90 (93.60 to 94.60): VN064779.D (-230) (-)

Ion 95.90 (95.60 to 96.60): VN064779.D (-230) (-)

2.55

400

300

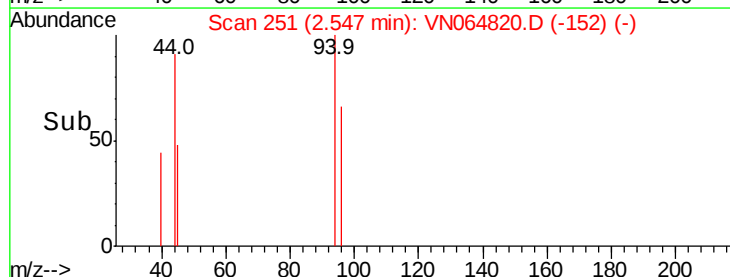
200

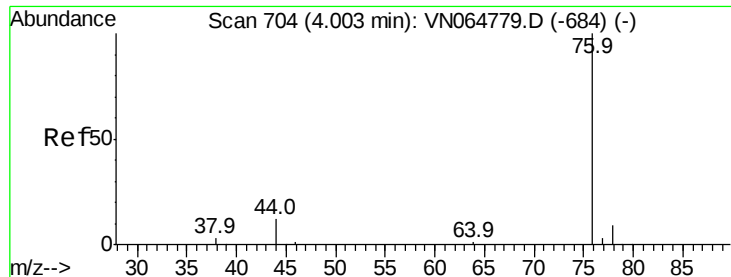
100

0

2.52 2.54 2.56 2.58

Time-->

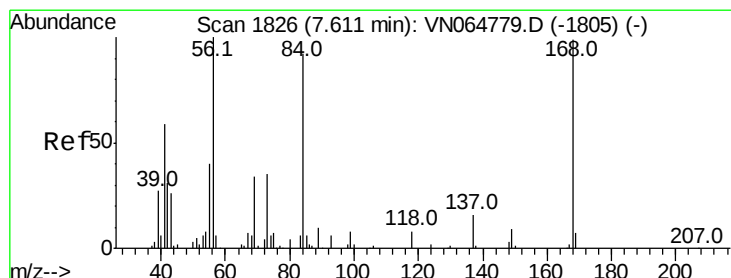
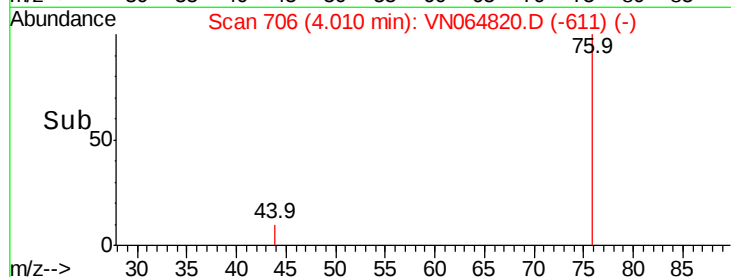
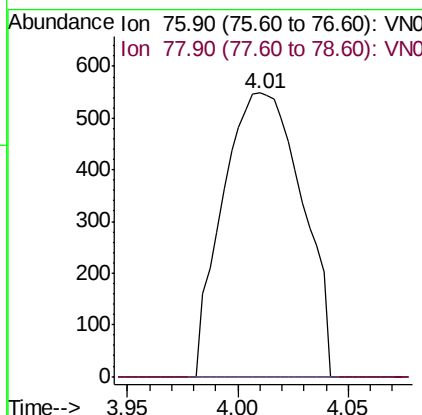
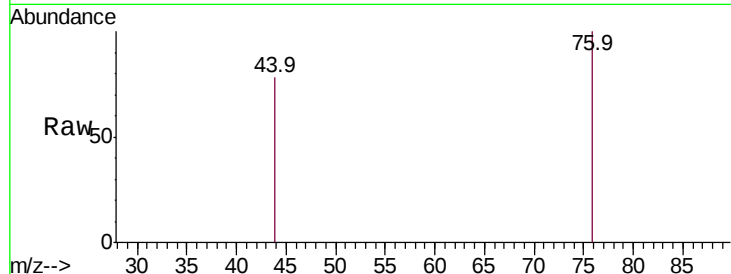




#17
Carbon Disulfide
Concen: 0.321 ug/l
RT: 4.01 min Scan# 706
Delta R.T. 0.01 min
Lab File: VN064820.D
Acq: 24 Nov 2020 19:04

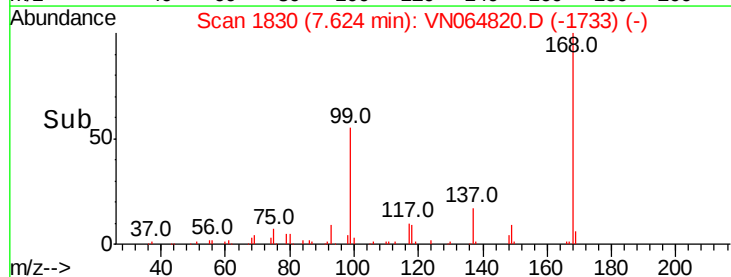
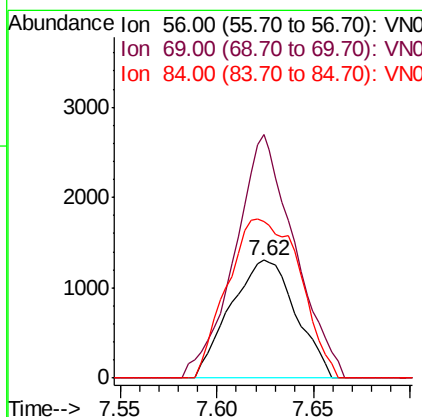
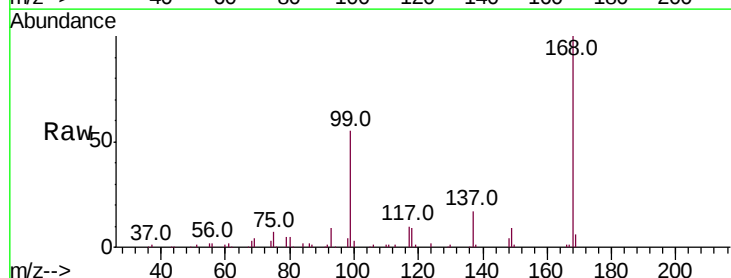
Instrument :
MSVOA_N
ClientSampleId :
TB01-20201118

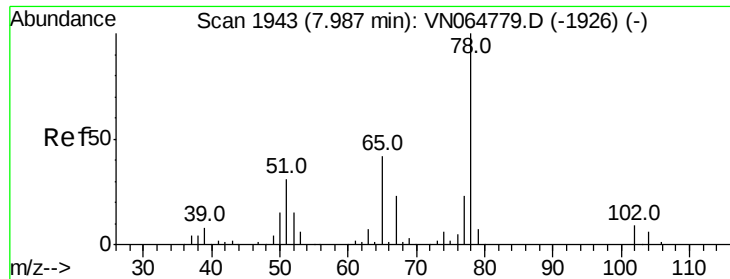
Tot Ion: 76 Resp: 1362
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#31
Cyclohexane
Concen: 1.099 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN064820.D
Acq: 24 Nov 2020 19:04

Tgt Ion: 56 Resp: 3072
Ion Ratio Lower Upper
56 100
69 194.6 27.5 41.3#
84 133.6 73.9 110.9#

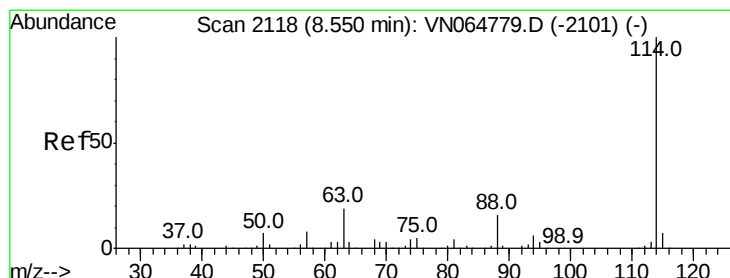
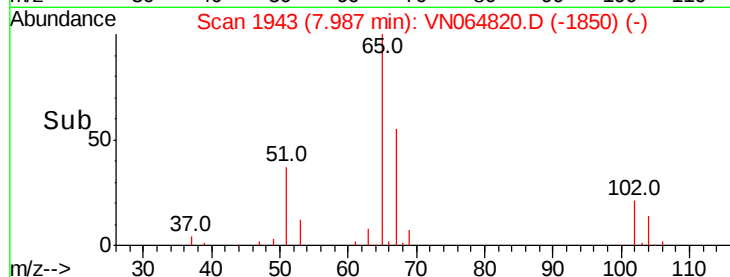
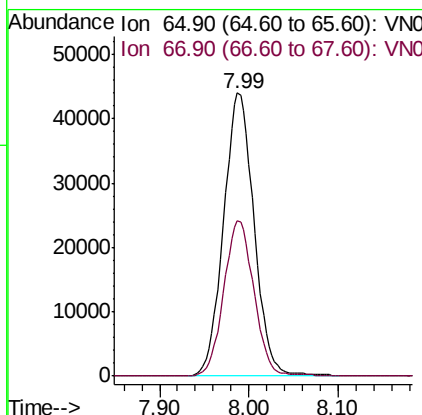
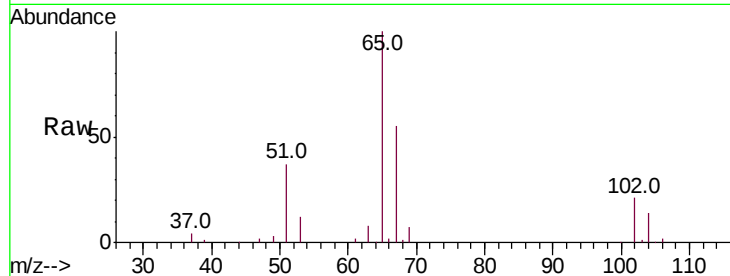




#33
 1,2-Dichloroethane-d4
 Concen: 51.874 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064820.D
 Acq: 24 Nov 2020 19:04

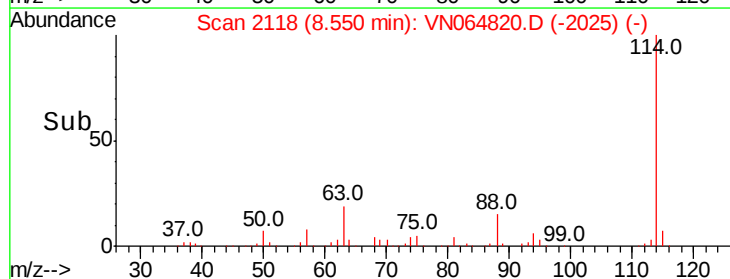
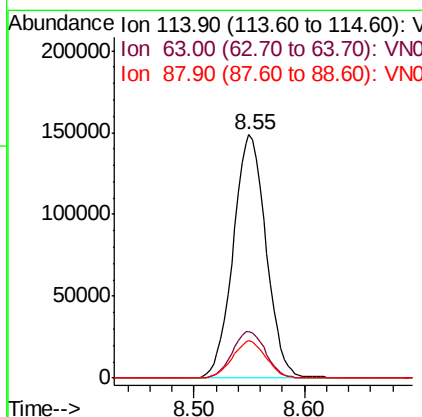
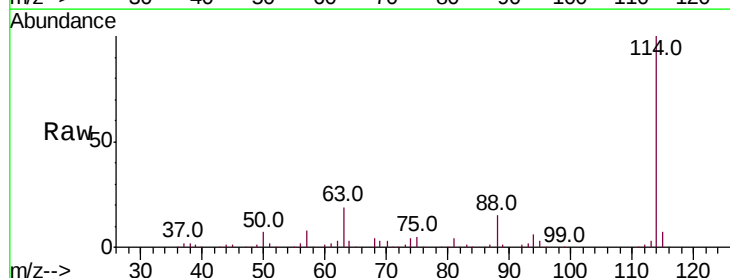
Instrument :
 MSVOA_N
 ClientSampleId :
 TB01-20201118

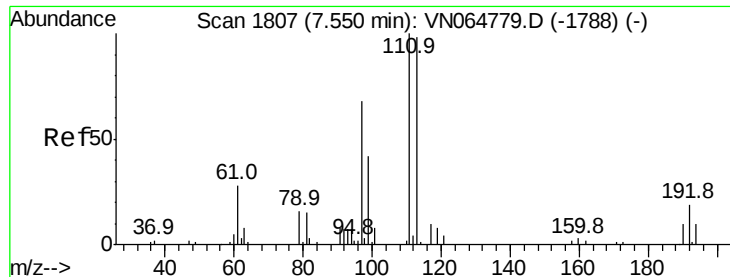
Tot Ion: 65 Resp: 104063
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064820.D
 Acq: 24 Nov 2020 19:04

Tgt Ion: 114 Resp: 307293
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 15.3 0.0 32.6

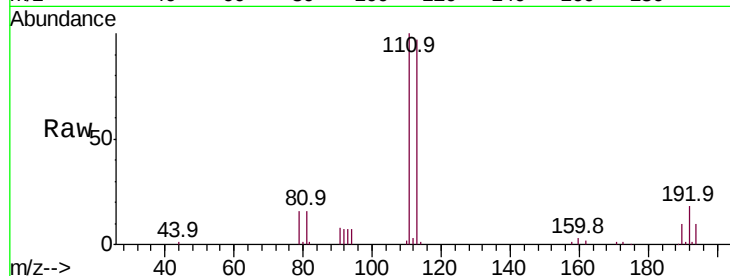




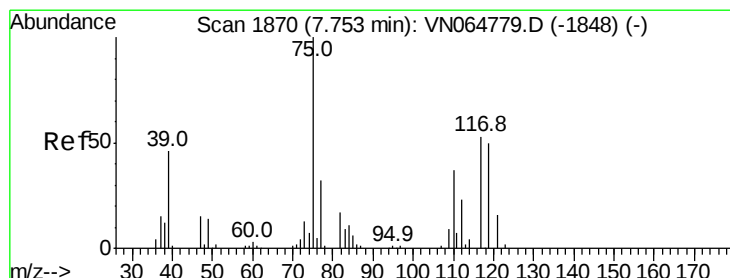
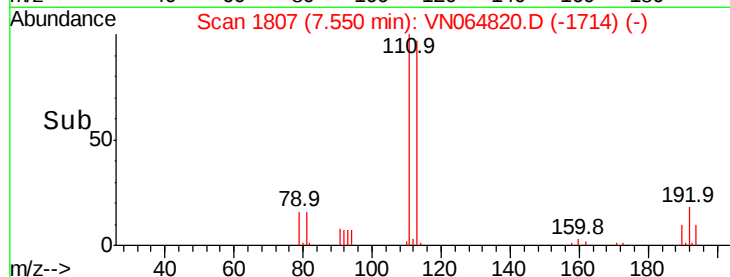
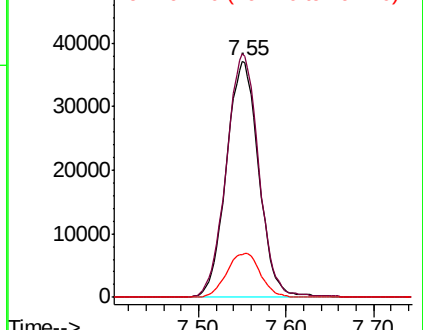
#35
 Dibromofluoromethane
 Concen: 51.917 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064820.D
 Acq: 24 Nov 2020 19:04

Instrument :
 MSVOA_N
 ClientSampleId :
 TB01-20201118

Tot Ion:113 Resp: 95462
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.6 122.4
 192 19.3 16.2 24.2

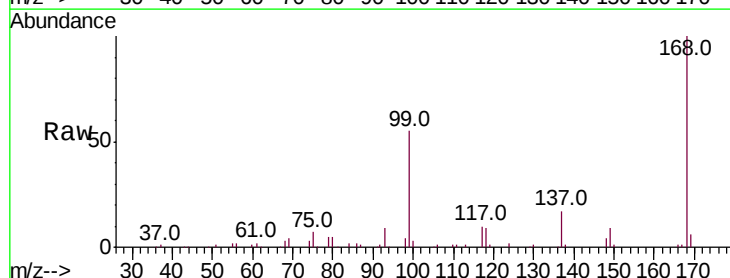


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

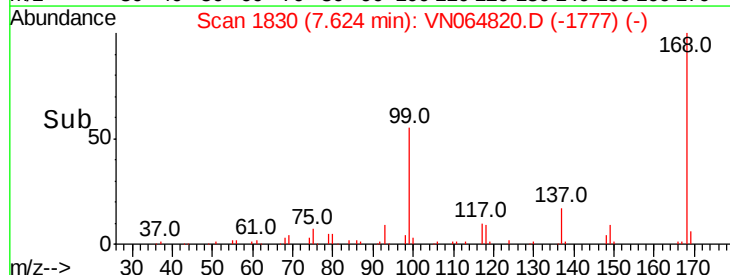
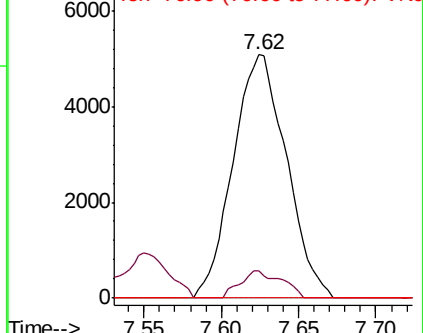


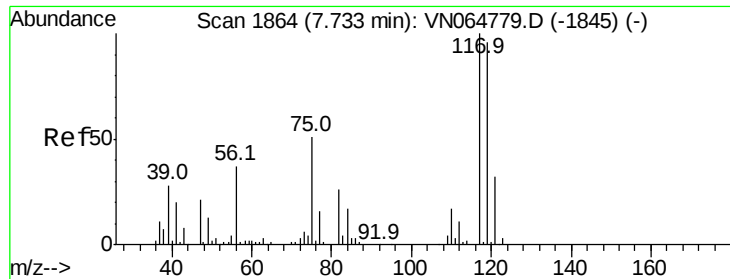
#36
 1,1-Dichloropropene
 Concen: 4.274 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN064820.D
 Acq: 24 Nov 2020 19:04

Tgt Ion: 75 Resp: 12174
 Ion Ratio Lower Upper
 75 100
 110 8.7 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

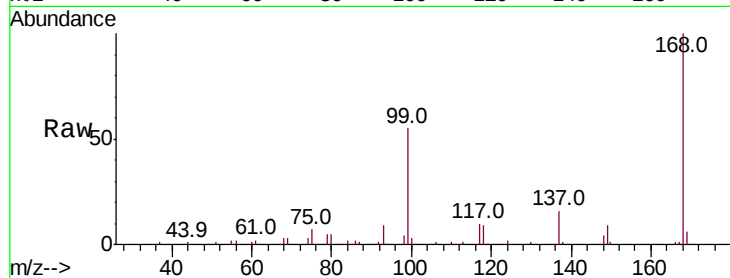




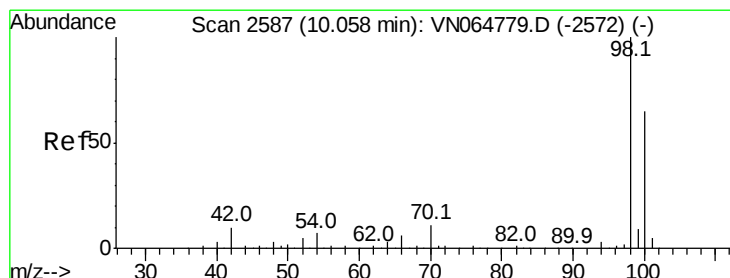
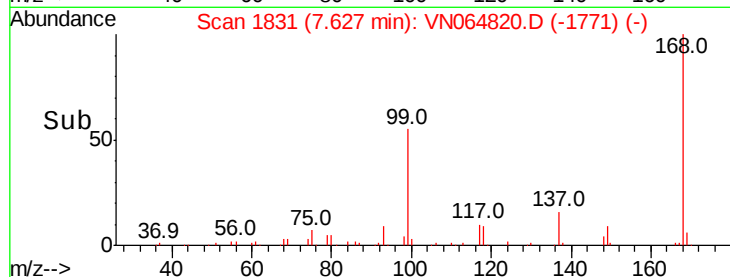
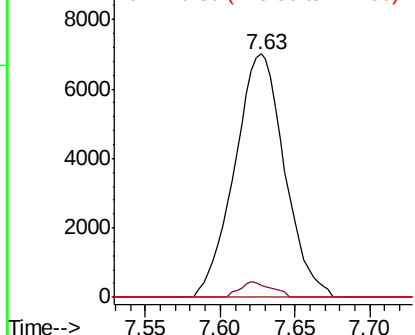
#38
Carbon Tetrachloride
Concen: 5.502 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN064820.D
Acq: 24 Nov 2020 19:04

Instrument :
MSVOA_N
ClientSampleId :
TB01-20201118

Tot Ion:117 Resp: 16306
Ion Ratio Lower Upper
117 100
119 5.0 76.7 115.1#
121 0.0 25.4 38.2#

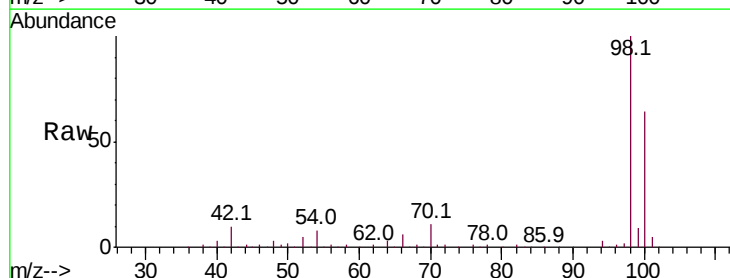


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

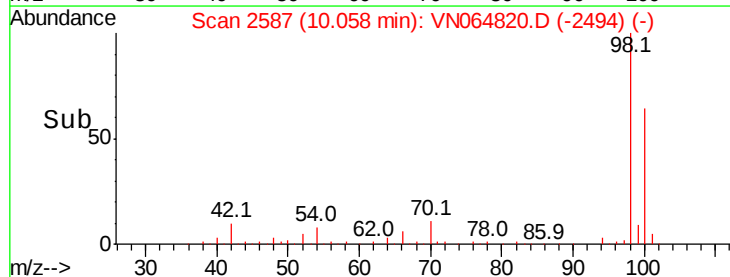
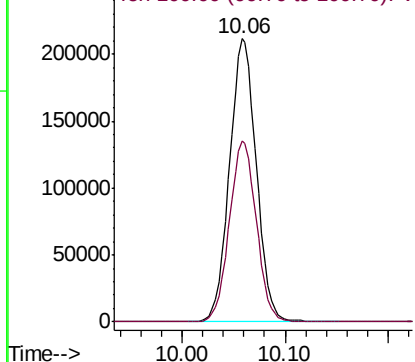


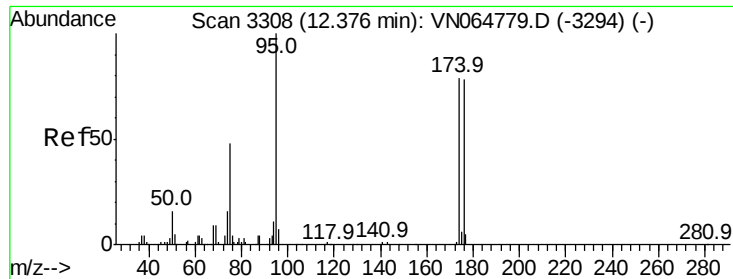
#50
Toluene-d8
Concen: 51.017 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064820.D
Acq: 24 Nov 2020 19:04

Tgt Ion: 98 Resp: 383287
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5



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

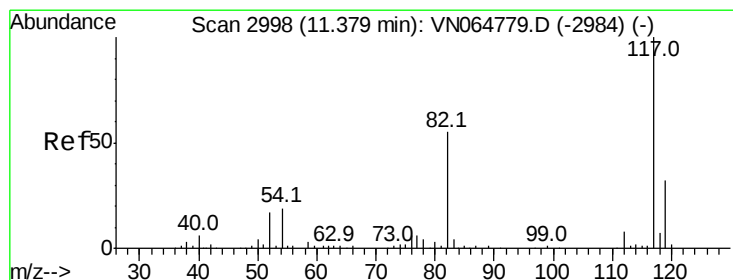
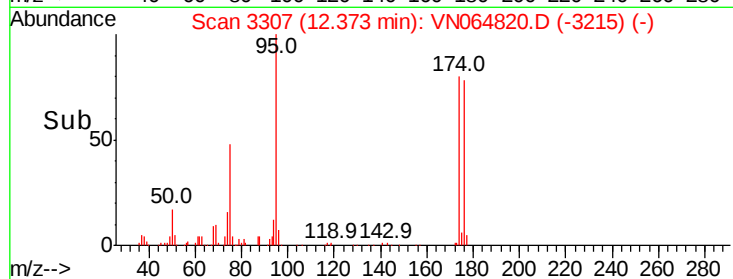
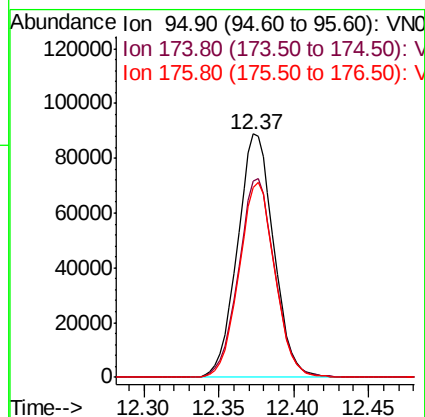
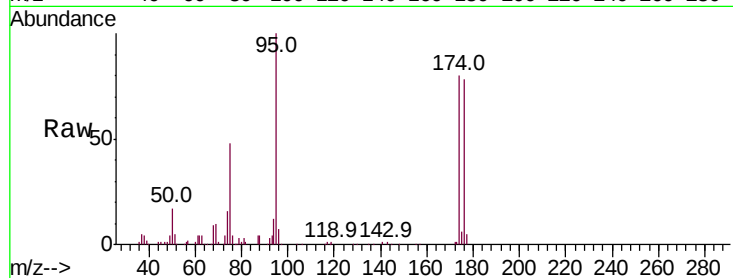




#62
4-Bromofluorobenzene
Concen: 55.810 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064820.D
Acq: 24 Nov 2020 19:04

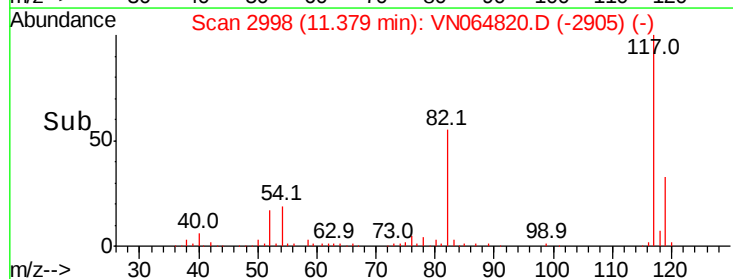
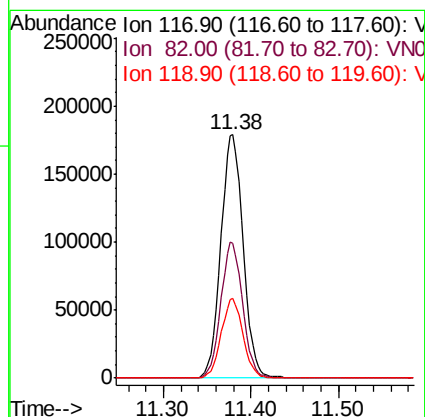
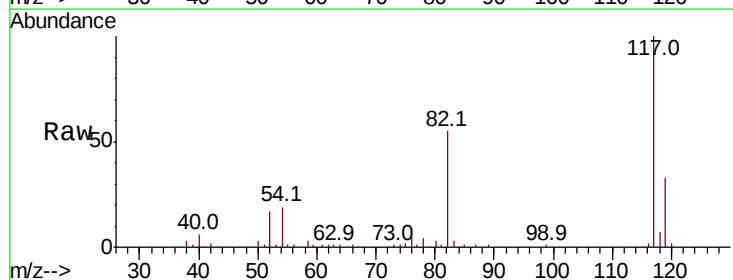
Instrument :
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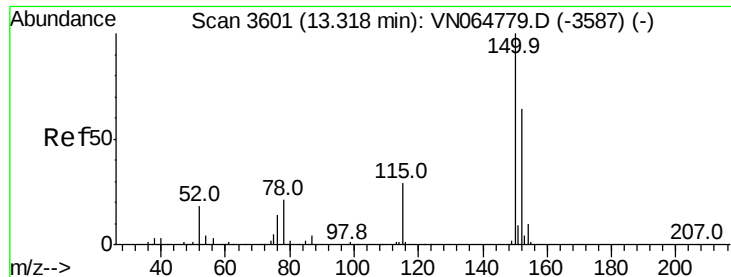
Tot Ion: 95 Resp: 150059
Ion Ratio Lower Upper
95 100
174 81.8 0.0 160.4
176 79.1 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064820.D
Acq: 24 Nov 2020 19:04

Tgt Ion: 117 Resp: 316781
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 32.6 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064820.D

Acq: 24 Nov 2020 19:04

Instrument :

MSVOA_N

ClientSampleId :

TB01-20201118

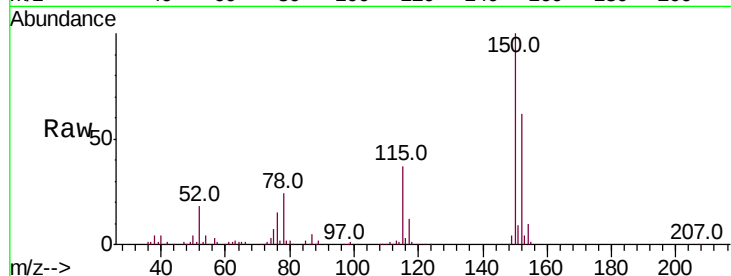
Tot Ion:152 Resp: 147367

Ion Ratio Lower Upper

152 100

115 60.1 29.7 89.1

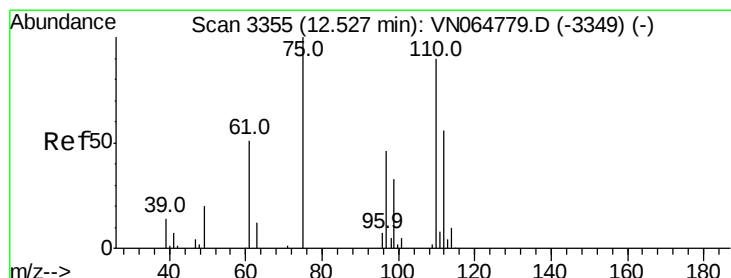
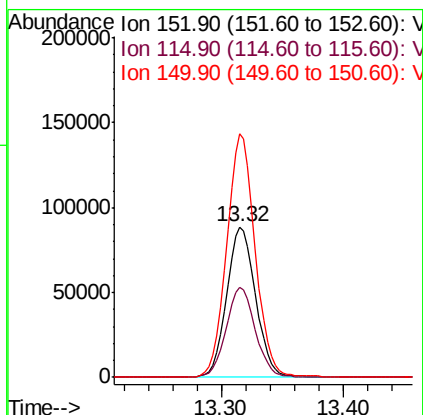
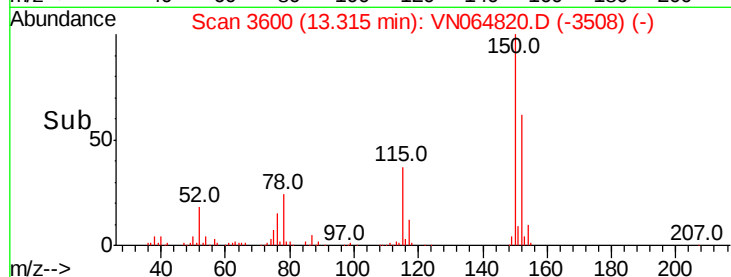
150 158.7 0.0 350.6



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: 22.517 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN064820.D

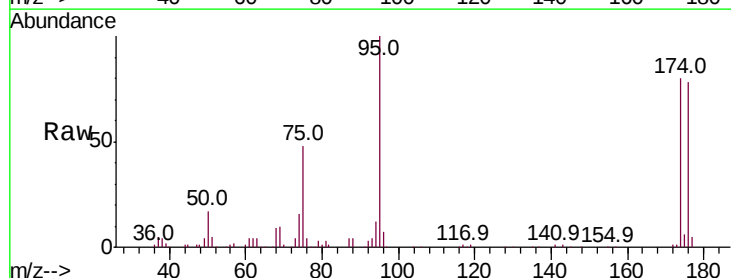
Acq: 24 Nov 2020 19:04

Tgt Ion: 75 Resp: 71463

Ion Ratio Lower Upper

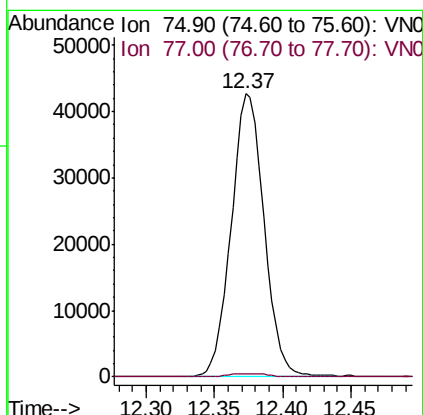
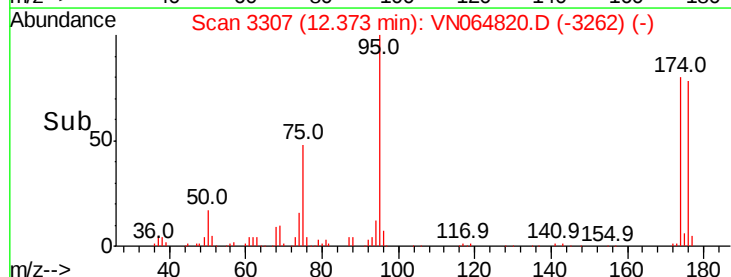
75 100

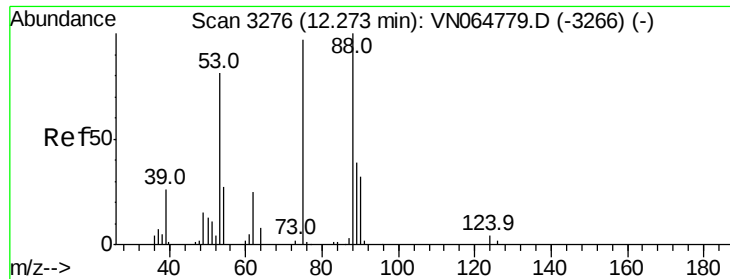
77 0.8 0.0 0.0#



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: 61.715 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN064820.D

Acq: 24 Nov 2020 19:04

Instrument :

MSVOA_N

ClientSampled :

TB01-20201118

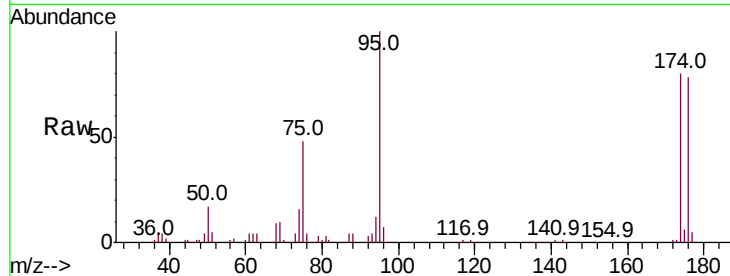
Tot Ion: 75 Resp: 71463

Ion Ratio Lower Upper

75 100

53 0.0 67.0 100.4#

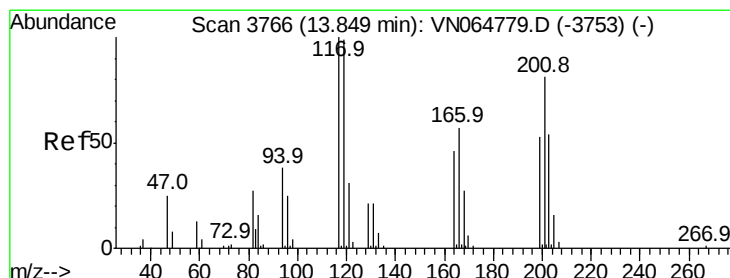
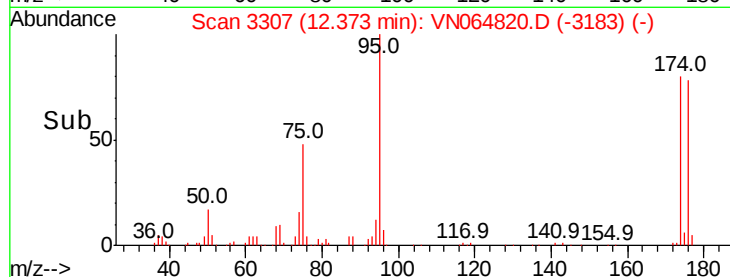
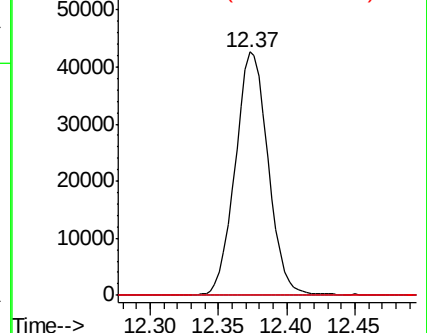
89 0.0 39.6 59.4#



Abundance Ion 74.90 (74.60 to 75.60): VN064820.D (-3183) (-)

Ion 53.00 (52.70 to 53.70): VN064820.D (-3183) (-)

Ion 88.90 (88.60 to 89.60): VN064820.D (-3183) (-)



#90

Hexachloroethane

Concen: 0.247 ug/l

RT: 13.97 min Scan# 3804

Delta R.T. 0.12 min

Lab File: VN064820.D

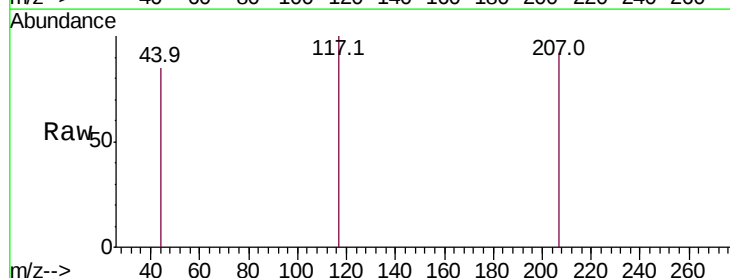
Acq: 24 Nov 2020 19:04

Tgt Ion: 117 Resp: 370

Ion Ratio Lower Upper

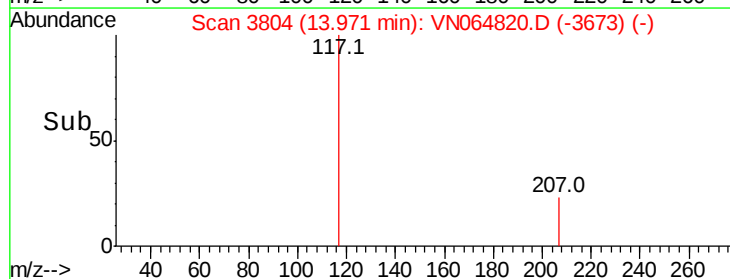
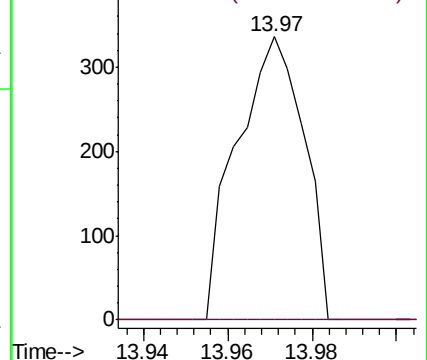
117 100

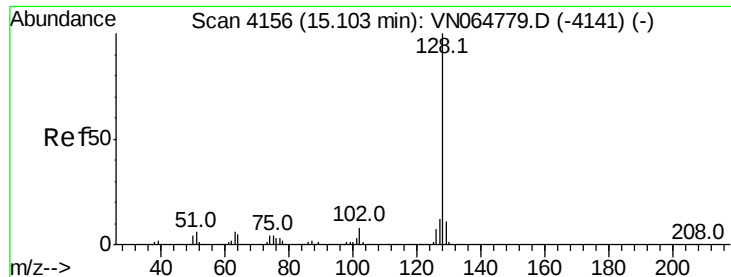
201 0.0 40.1 120.3#



Abundance Ion 116.80 (116.50 to 117.50): VN064820.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN064820.D (-3673) (-)





#95

Naphthalene

Concen: 0.713 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064820.D

Acq: 24 Nov 2020 19:04

Instrument :

MSVOA_N

ClientSampleId :

TB01-20201118

Tot Ion:128 Resp: 6374

Ion Ratio Lower Upper

128 100

127 10.7 10.3 15.5

129 6.9 8.7 13.1#

