

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064821.D
 Acq On : 24 Nov 2020 19:28
 Operator : JC/MD
 Sample : L4798-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB01-20201118

Quant Time: Nov 25 04:07:44 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	165978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	299145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	304283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	141712	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	101018	52.35	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.70%
35) Dibromofluoromethane	7.55	113	92696	51.79	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.58%
50) Toluene-d8	10.06	98	363546	49.71	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.42%
62) 4-Bromofluorobenzene	12.37	95	143980	55.01	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	110.02%

Target Compounds

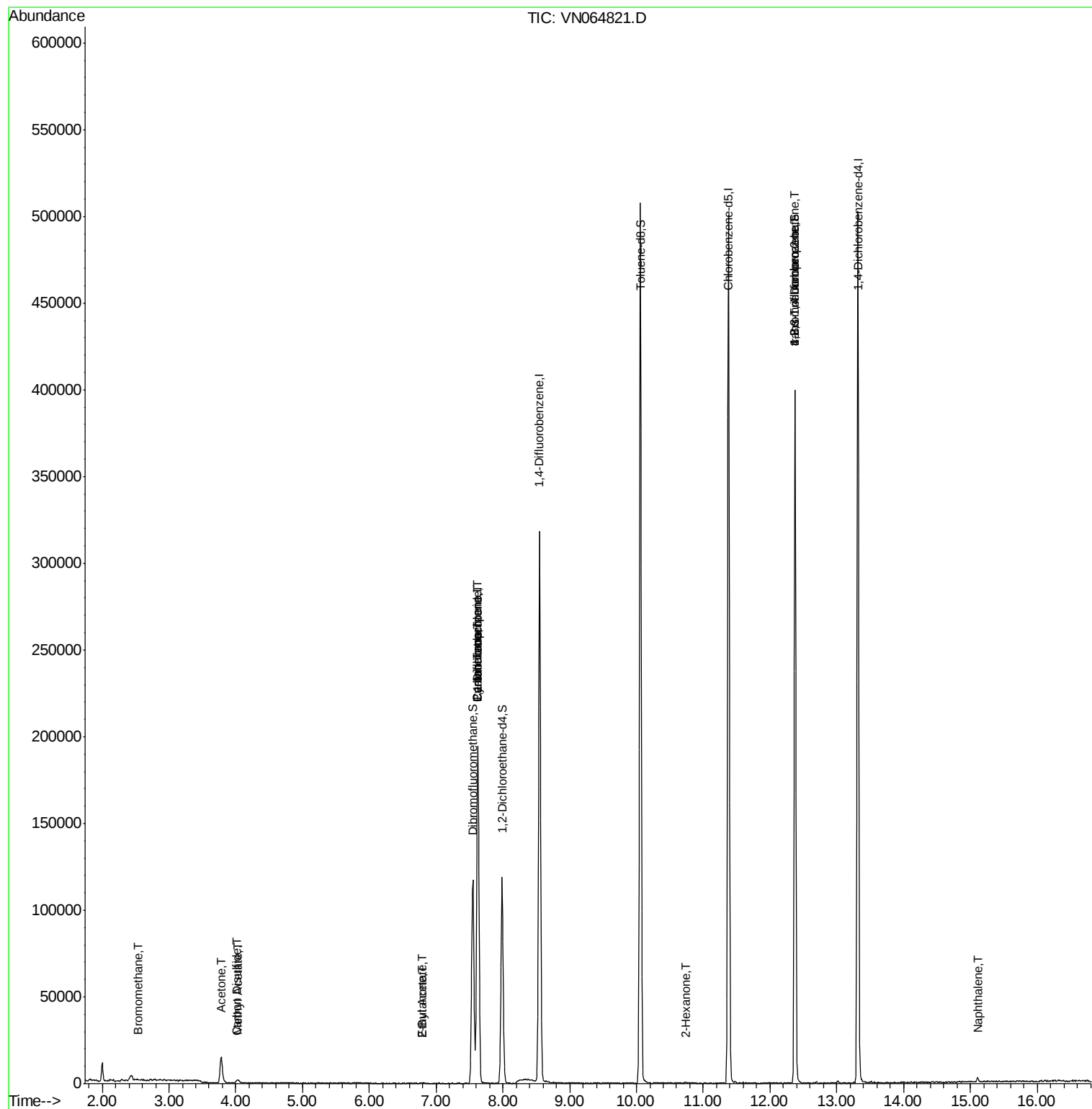
					Qvalue	
5) Bromomethane	2.53	94	460	0.360	ug/l	91
16) Acetone	3.78	43	25299	39.884	ug/l	97
17) Carbon Disulfide	4.01	76	901	0.222	ug/l #	75
18) Methyl Acetate	4.04	43	949	0.498	ug/l #	50
25) 2-Butanone	6.80	43	674	0.655	ug/l #	49
31) Cyclohexane	7.63	56	3025	1.125	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	11279	4.068	ug/l #	46
37) Ethyl Acetate	6.80	43	674	0.252	ug/l #	66
38) Carbon Tetrachloride	7.62	117	15656	5.427	ug/l #	17
59) 2-Hexanone	10.73	43	491	0.264	ug/l #	23
76) 1,2,3-Trichloropropane	12.37	75	68903	22.577	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	68903	61.879	ug/l #	15
95) Naphthalene	15.11	128	3251	0.378	ug/l #	85

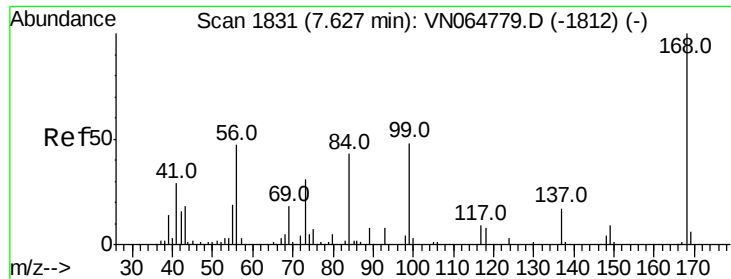
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112420\
Data File : VN064821.D
Acq On : 24 Nov 2020 19:28
Operator : JC/MD
Sample : L4798-15
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FB01-20201118

Quant Time: Nov 25 04:07:44 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: VN064821.D

Acq: 24 Nov 2020 19:28

Instrument :

MSVOA_N

ClientSampleId :

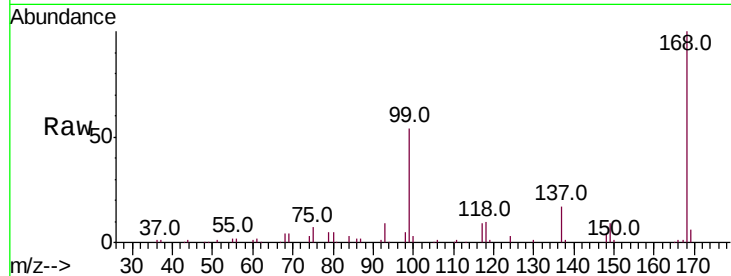
FB01-20201118

Tot Ion:168 Resp: 165978

Ion Ratio Lower Upper

168 100

99 54.2 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

60000

40000

20000

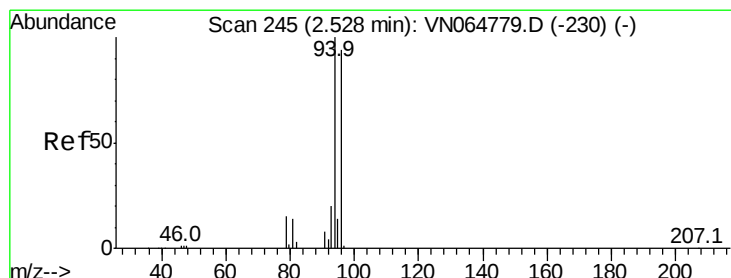
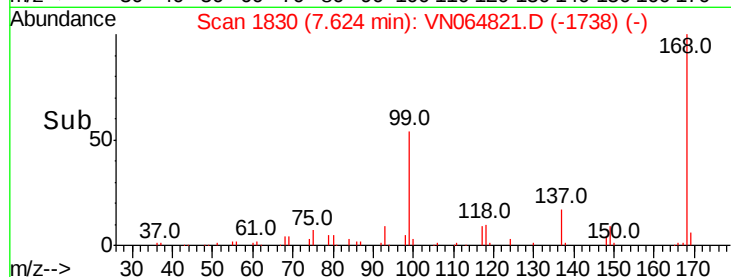
0

Time-->

7.50

7.60

7.70



#5

Bromomethane

Concen: 0.360 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064821.D

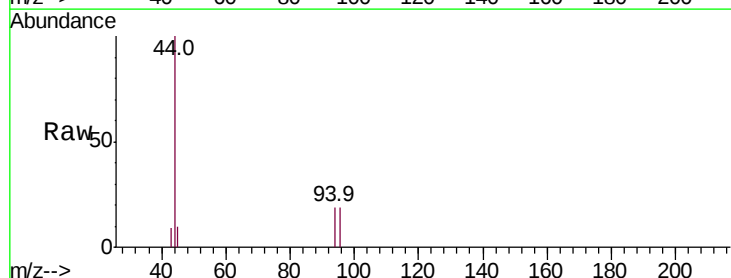
Acq: 24 Nov 2020 19:28

Tgt Ion: 94 Resp: 460

Ion Ratio Lower Upper

94 100

96 103.0 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.53

300

200

100

0

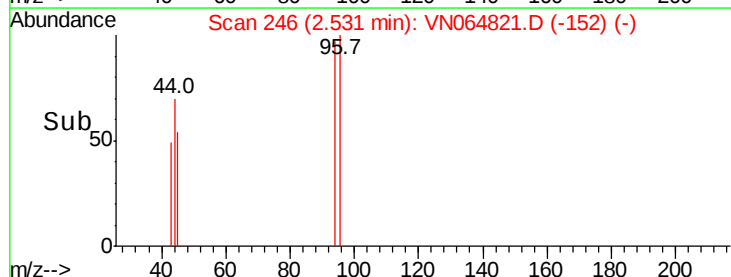
Time-->

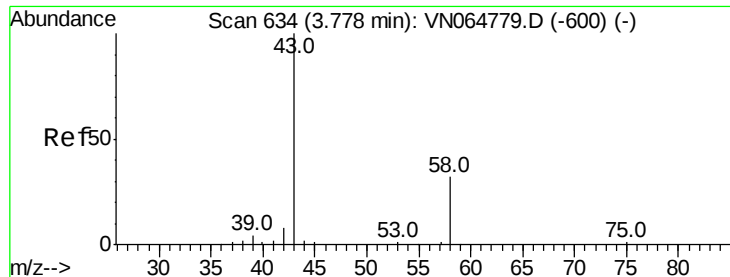
2.50

2.52

2.54

2.56





#16

Acetone

Concen: 39.884 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064821.D

Acq: 24 Nov 2020 19:28

Instrument :

MSVOA_N

ClientSampleId :

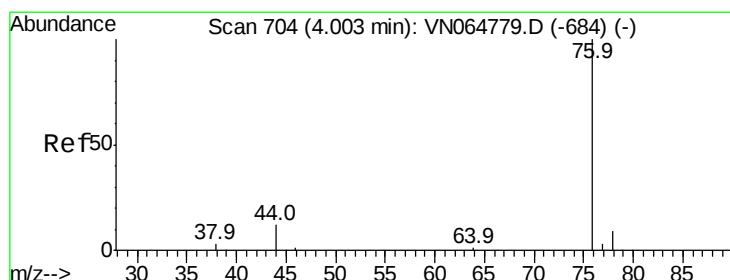
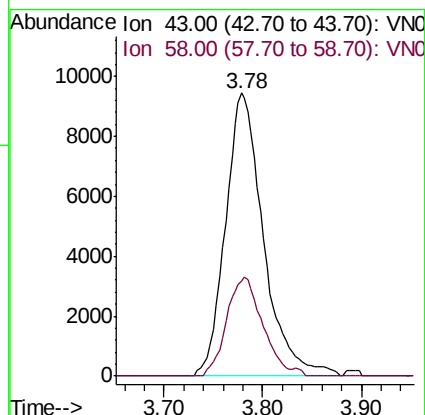
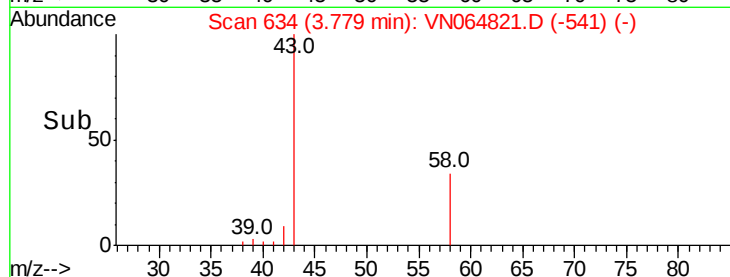
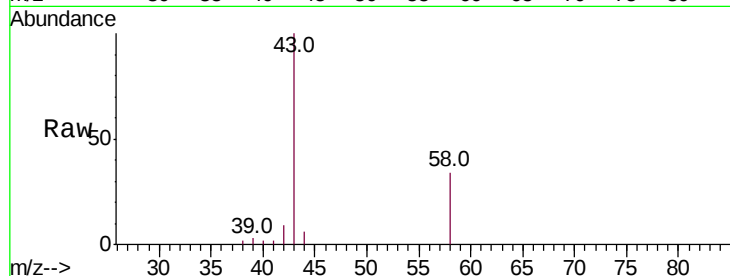
FB01-20201118

Tot Ion: 43 Resp: 25299

Ion Ratio Lower Upper

43 100

58 33.8 25.7 38.5



#17

Carbon Disulfide

Concen: 0.222 ug/l

RT: 4.01 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN064821.D

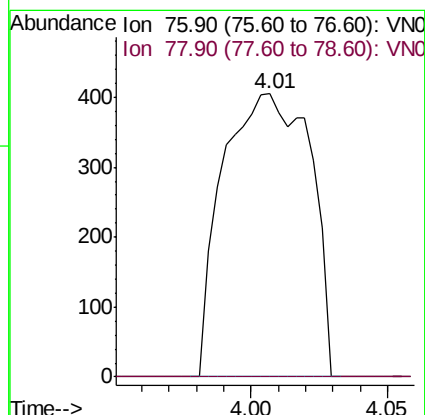
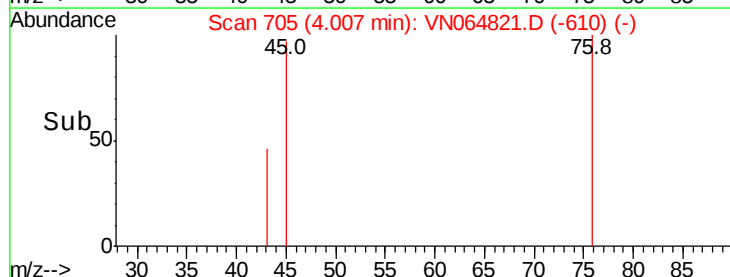
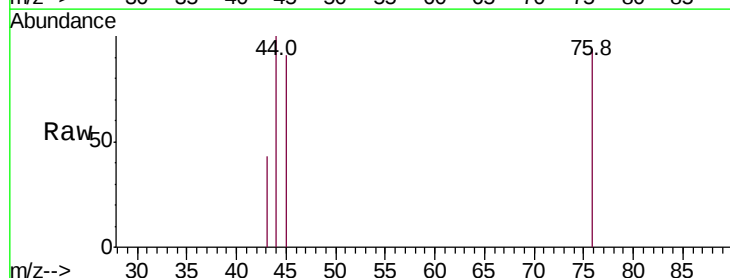
Acq: 24 Nov 2020 19:28

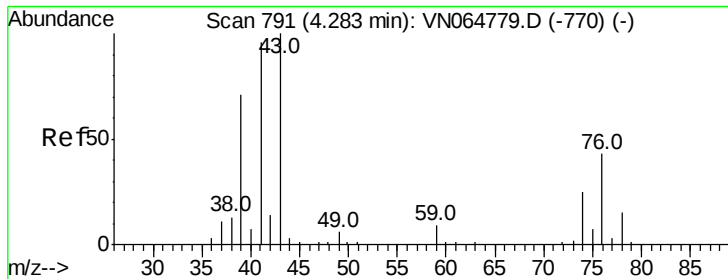
Tgt Ion: 76 Resp: 901

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

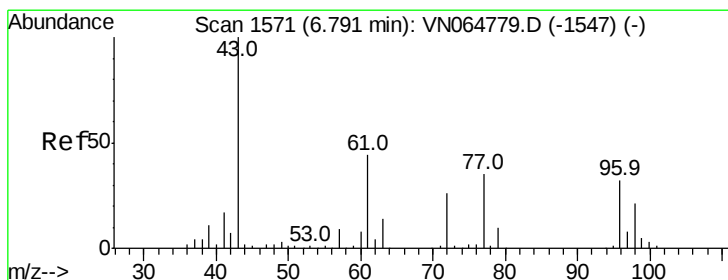
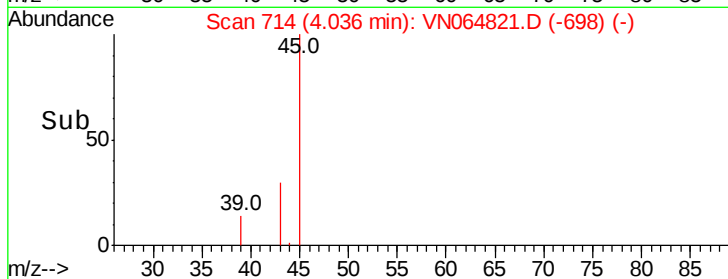
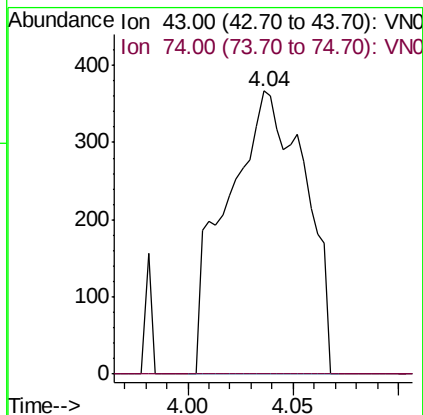
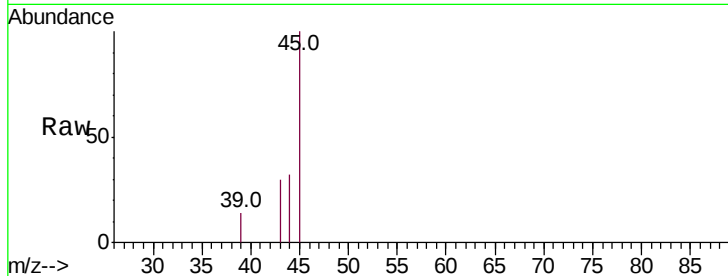




#18
Methyl Acetate
Concen: 0.498 ug/l
RT: 4.04 min Scan# 714
Delta R.T. -0.25 min
Lab File: VN064821.D
Acq: 24 Nov 2020 19:28

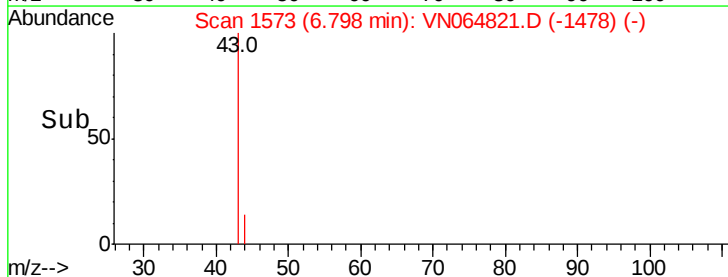
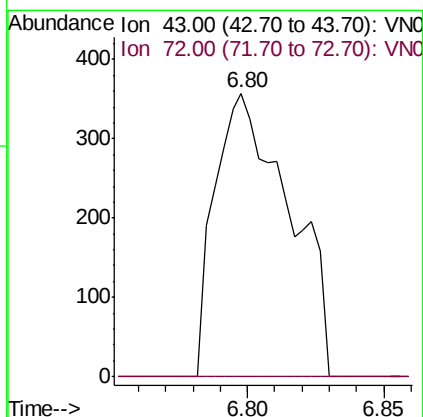
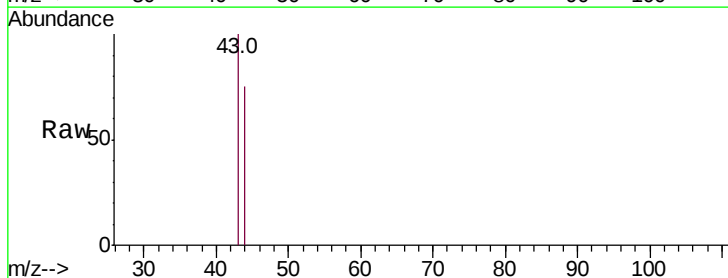
Instrument :
MSVOA_N
ClientSampled :
FB01-20201118

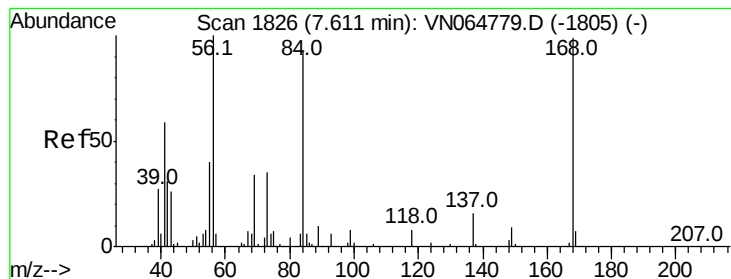
Tot Ion: 43 Resp: 949
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#25
2-Butanone
Concen: 0.655 ug/l
RT: 6.80 min Scan# 1573
Delta R.T. 0.01 min
Lab File: VN064821.D
Acq: 24 Nov 2020 19:28

Tgt Ion: 43 Resp: 674
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#





#31

Cyclohexane

Concen: 1.125 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.02 min

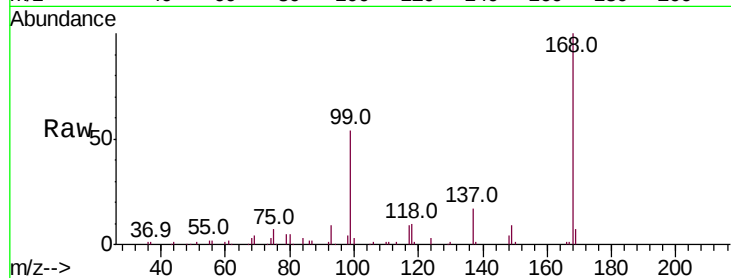
Lab File: VN064821.D

Acq: 24 Nov 2020 19:28

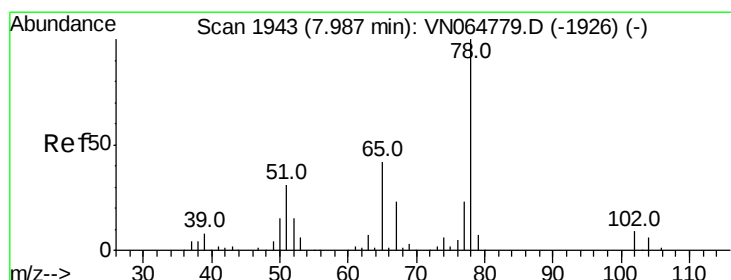
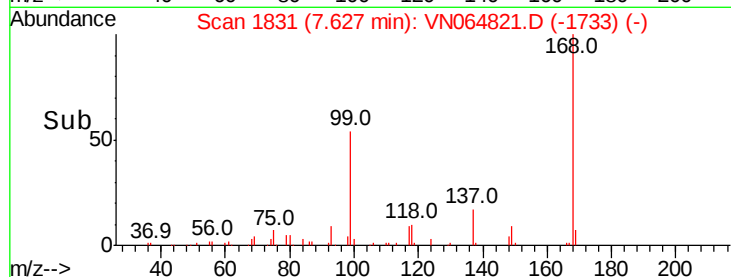
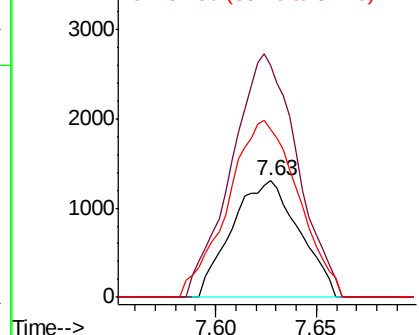
Instrument :
MSVOA_N
ClientSampled :
FB01-20201118

Tot Ion: 56 Resp: 3025

Ion	Ratio	Lower	Upper
56	100		
69	198.5	27.5	41.3#
84	143.6	73.9	110.9#



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: 52.352 ug/l

RT: 7.99 min Scan# 1943

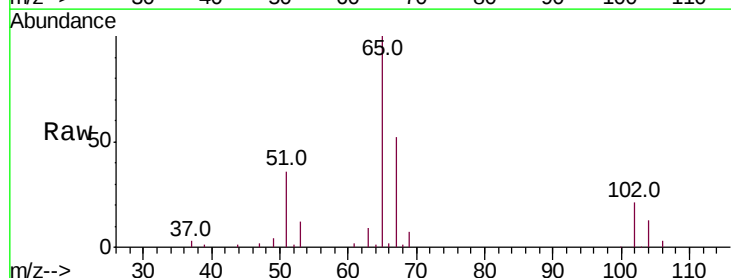
Delta R.T. 0.00 min

Lab File: VN064821.D

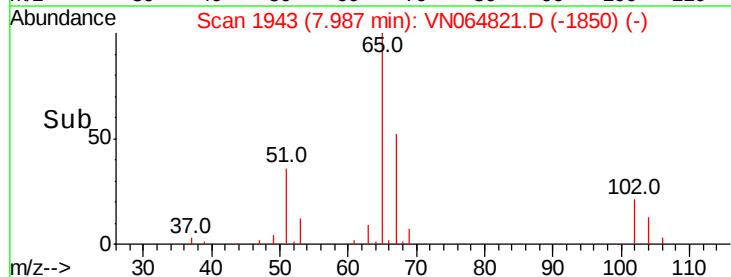
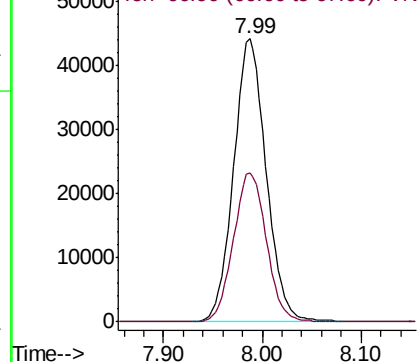
Acq: 24 Nov 2020 19:28

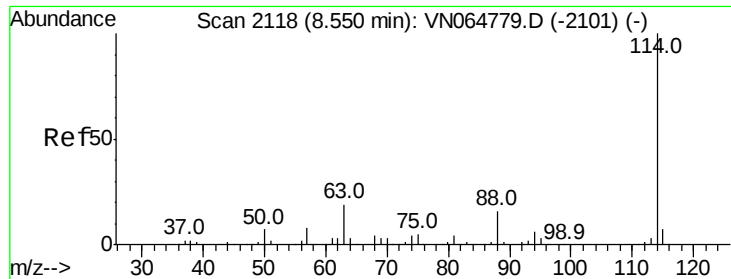
Tgt Ion: 65 Resp: 101018

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

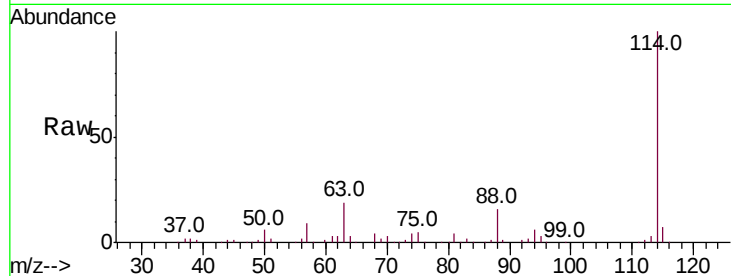




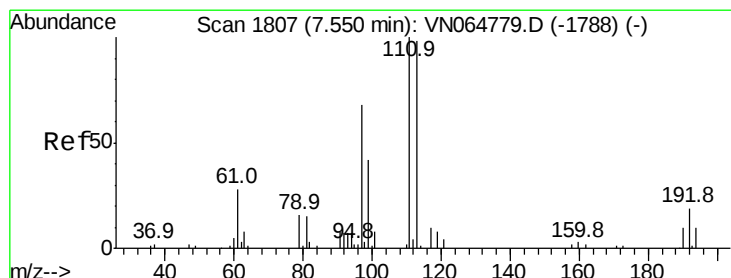
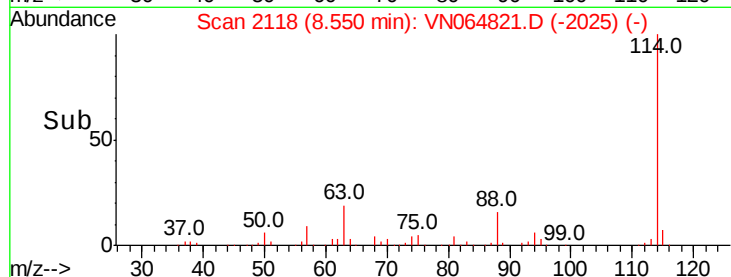
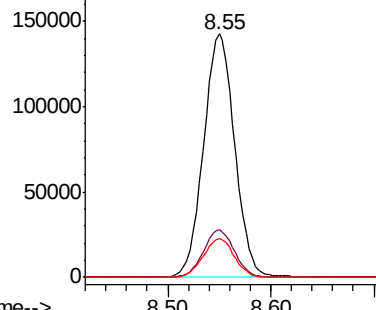
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064821.D
 Acq: 24 Nov 2020 19:28

Instrument :
 MSVOA_N
 ClientSampleId :
 FB01-20201118

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.6
88	15.9	0.0	32.6

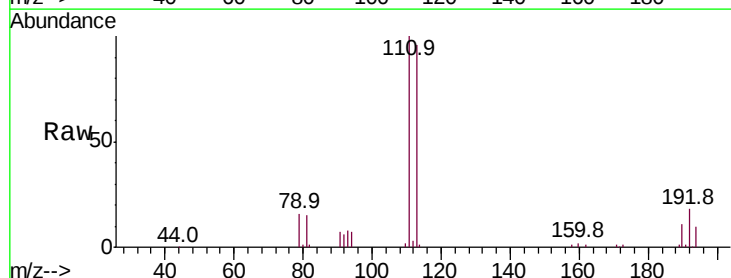


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

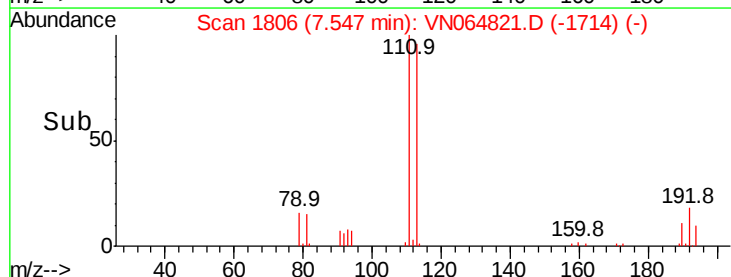
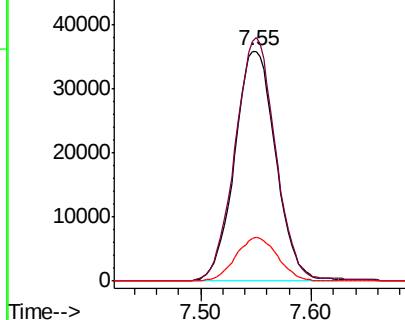


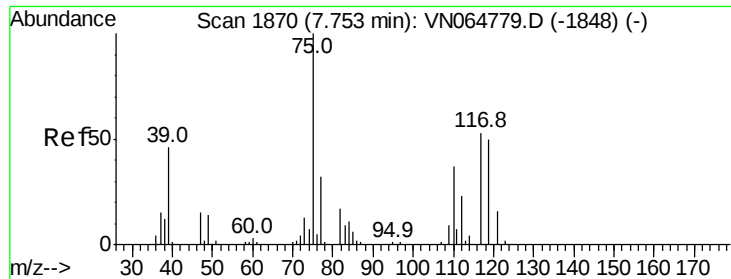
#35
 Dibromofluoromethane
 Concen: 51.786 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064821.D
 Acq: 24 Nov 2020 19:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	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

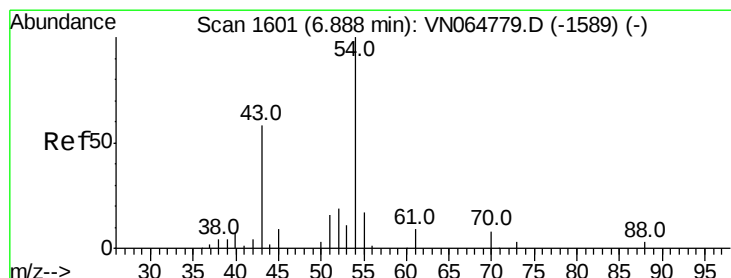
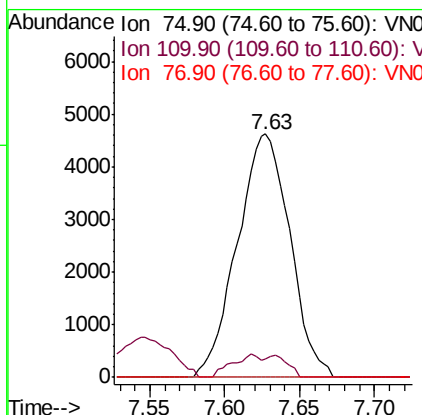
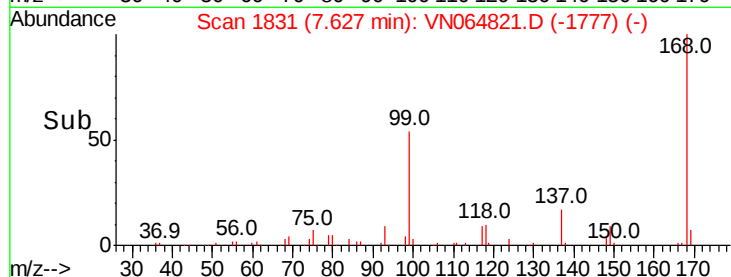
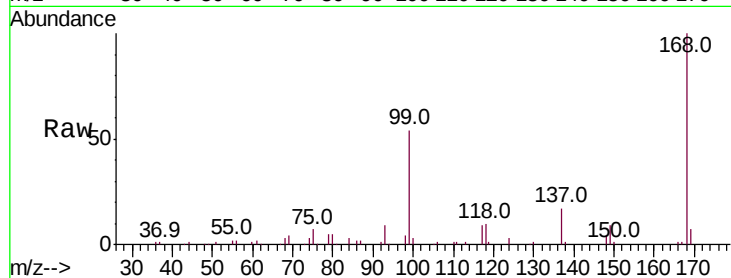




#36
 1,1-Dichloropropene
 Concen: 4.068 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN064821.D
 Acq: 24 Nov 2020 19:28

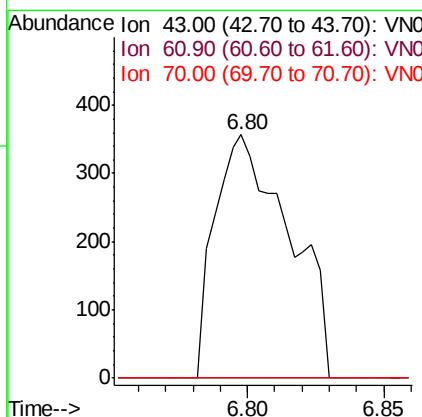
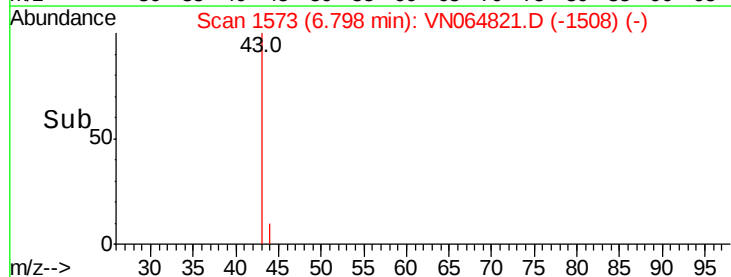
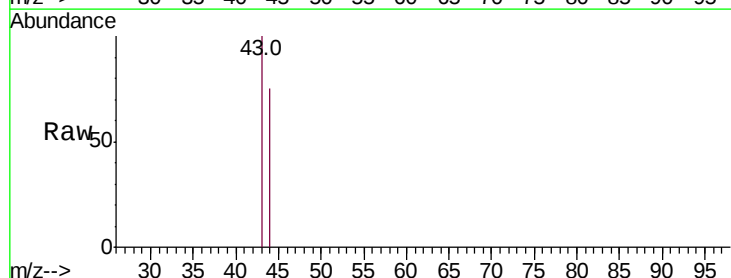
Instrument :
 MSVOA_N
 ClientSampleId :
 FB01-20201118

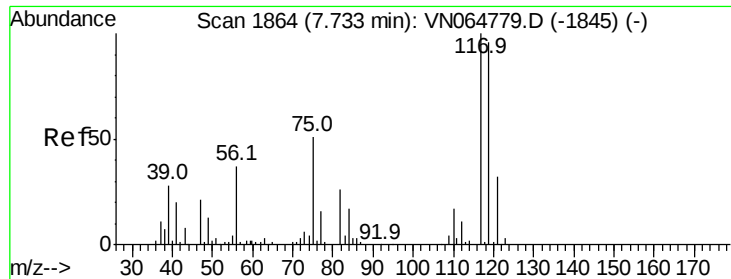
Tot Ion: 75 Resp: 11279
 Ion Ratio Lower Upper
 75 100
 110 5.1 17.8 53.3#
 77 0.0 25.0 37.4#



#37
 Ethyl Acetate
 Concen: 0.252 ug/l
 RT: 6.80 min Scan# 1573
 Delta R.T. -0.09 min
 Lab File: VN064821.D
 Acq: 24 Nov 2020 19:28

Tgt Ion: 43 Resp: 674
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.8 19.2#
 70 0.0 8.8 13.2#





#38

Carbon Tetrachloride

Concen: 5.427 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN064821.D

Acq: 24 Nov 2020 19:28

Instrument :

MSVOA_N

ClientSampleId :

FB01-20201118

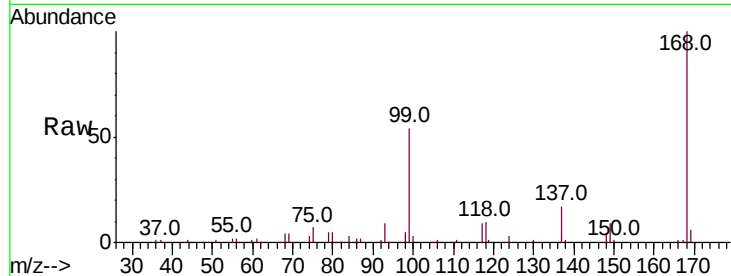
Tot Ion:117 Resp: 15656

Ion Ratio Lower Upper

117 100

119 6.6 76.7 115.1#

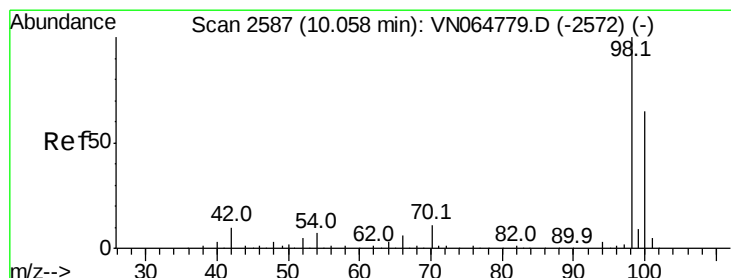
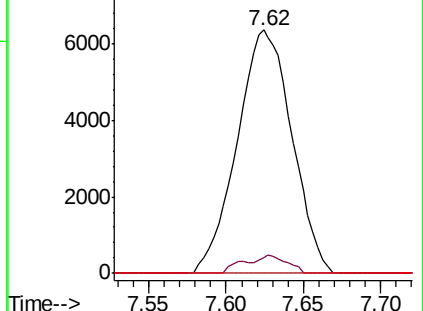
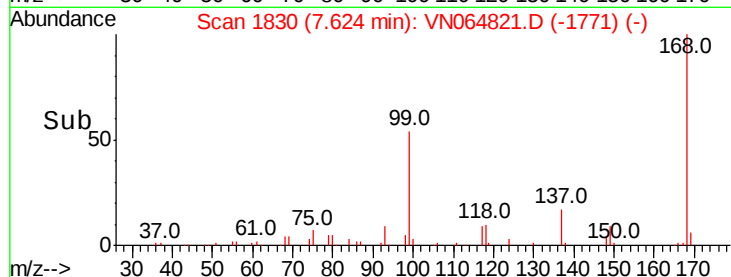
121 0.0 25.4 38.2#



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: 49.707 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064821.D

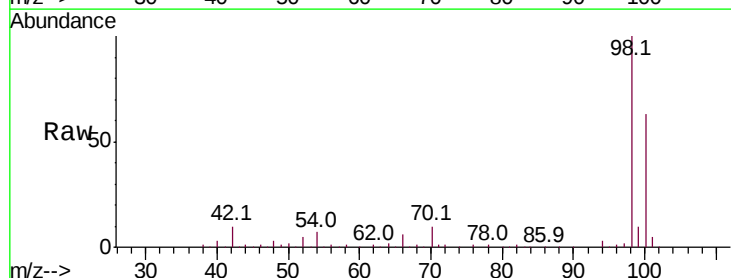
Acq: 24 Nov 2020 19:28

Tgt Ion: 98 Resp: 363546

Ion Ratio Lower Upper

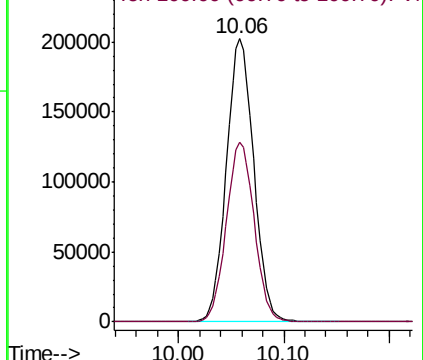
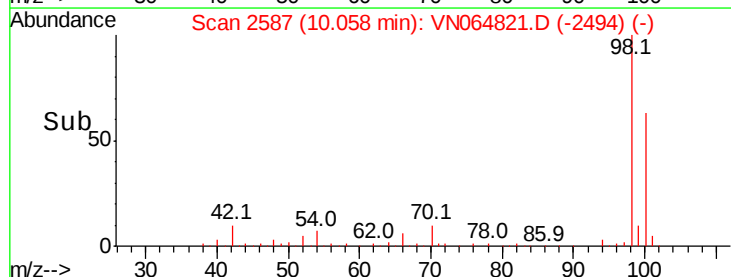
98 100

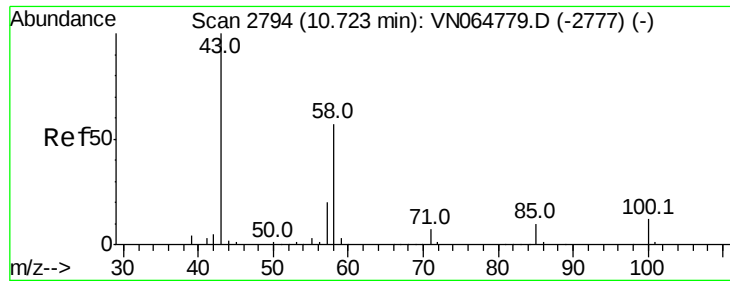
100 64.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

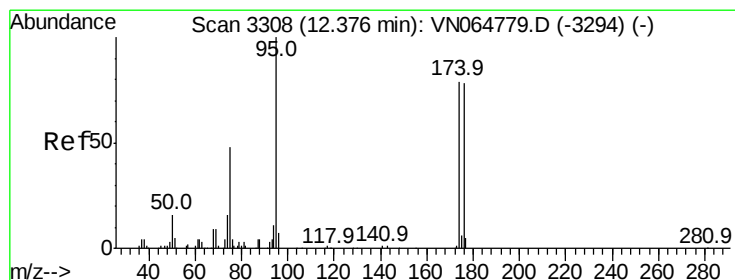
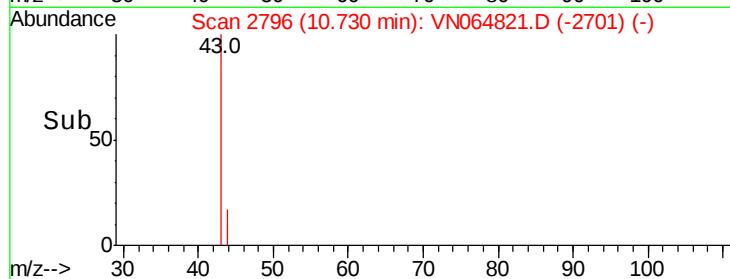
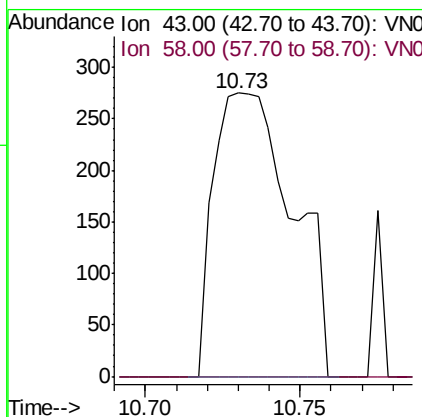
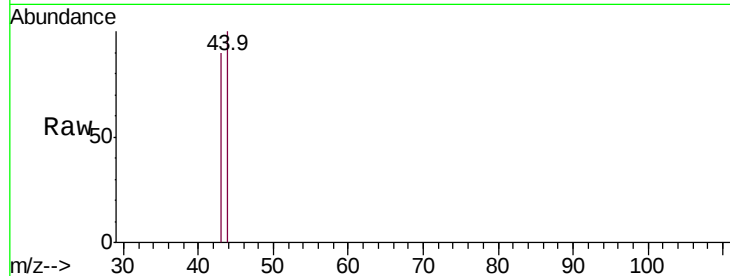




#59
2-Hexanone
Concen: 0.264 ug/l
RT: 10.73 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN064821.D
Acq: 24 Nov 2020 19:28

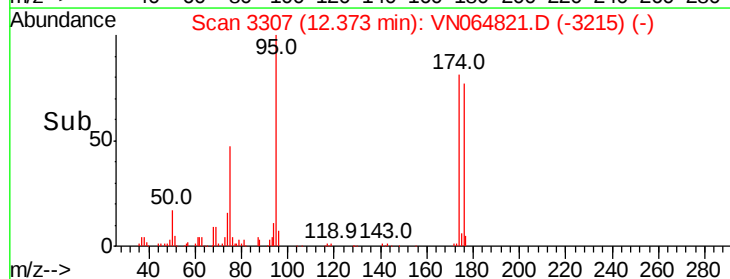
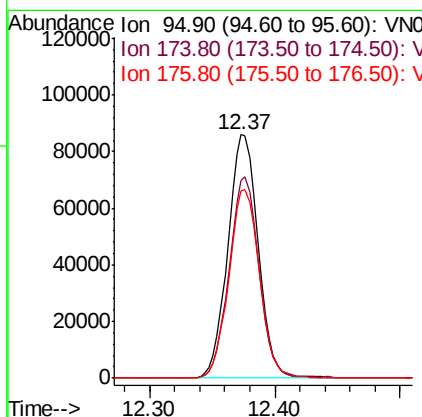
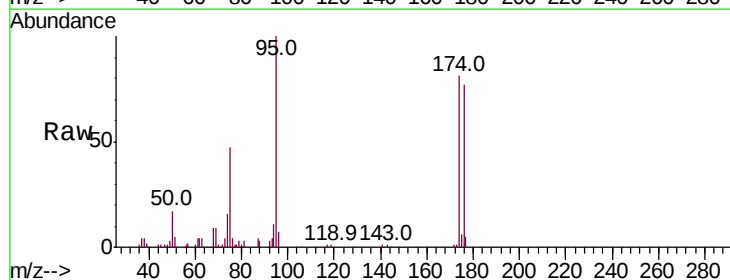
Instrument :
MSVOA_N
ClientSampleId :
FB01-20201118

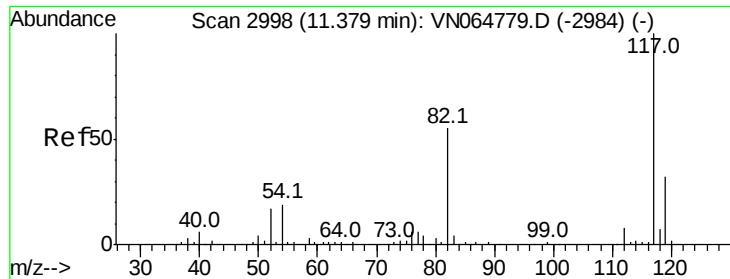
Tot Ion: 43 Resp: 491
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 55.008 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064821.D
Acq: 24 Nov 2020 19:28

Tgt Ion: 95 Resp: 143980
Ion Ratio Lower Upper
95 100
174 81.5 0.0 160.4
176 78.2 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: VN064821.D

Acq: 24 Nov 2020 19:28

Instrument :

MSVOA_N

ClientSampleId :

FB01-20201118

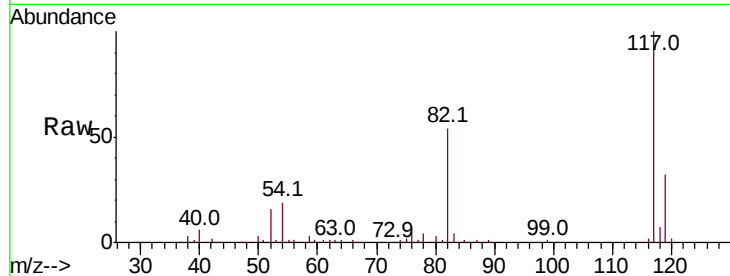
Tot Ion:117 Resp: 304283

Ion Ratio Lower Upper

117 100

82 54.4 44.2 66.2

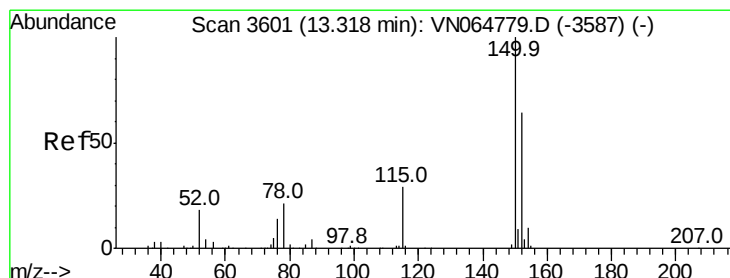
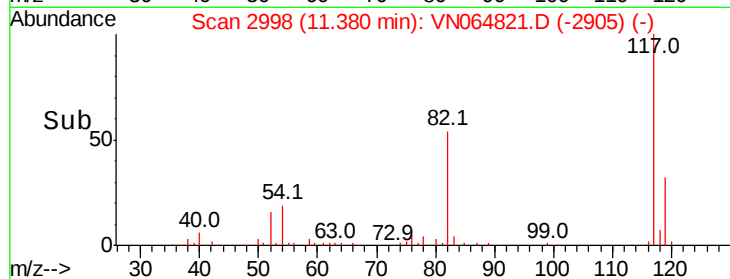
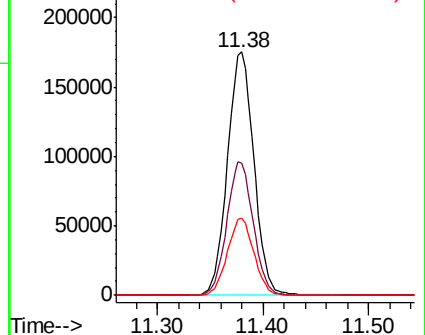
119 31.8 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064821.D

Acq: 24 Nov 2020 19:28

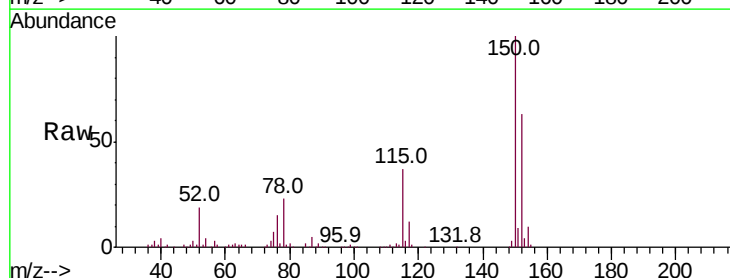
Tgt Ion:152 Resp: 141712

Ion Ratio Lower Upper

152 100

115 58.7 29.7 89.1

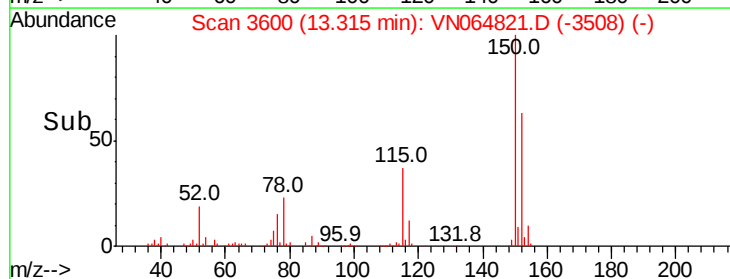
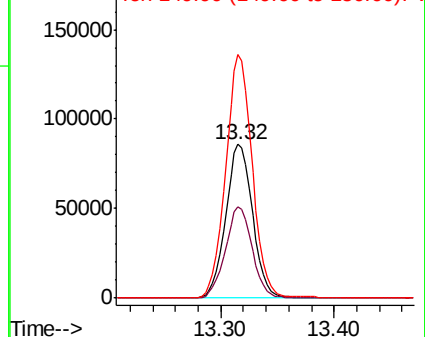
150 157.2 0.0 350.6

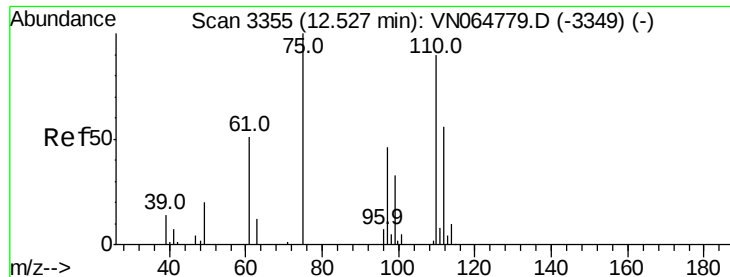


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 22.577 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN064821.D

Acq: 24 Nov 2020 19:28

Instrument :

MSVOA_N

ClientSampleId :

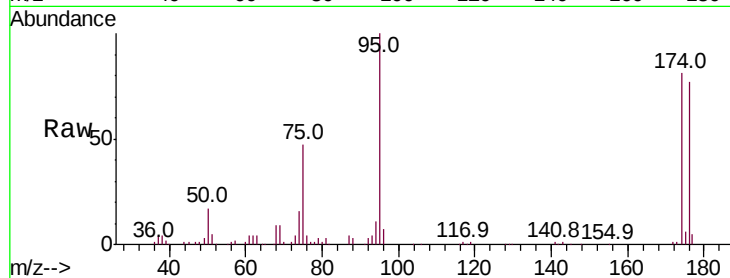
FB01-20201118

Tot Ion: 75 Resp: 68903

Ion Ratio Lower Upper

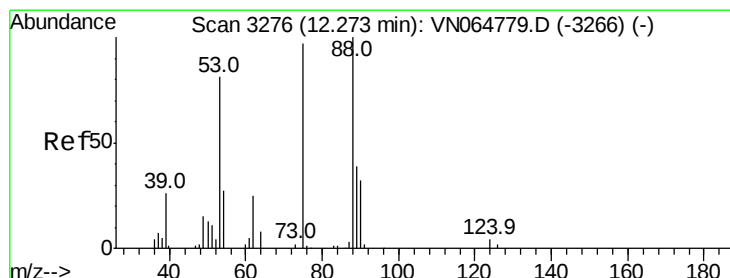
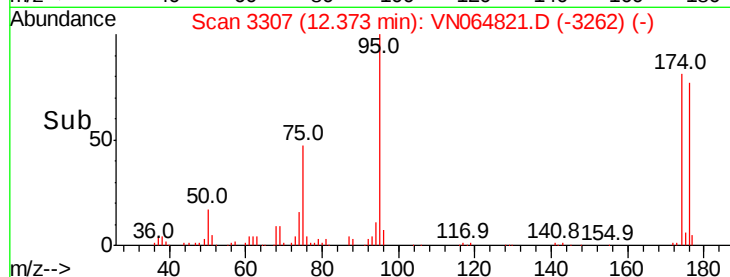
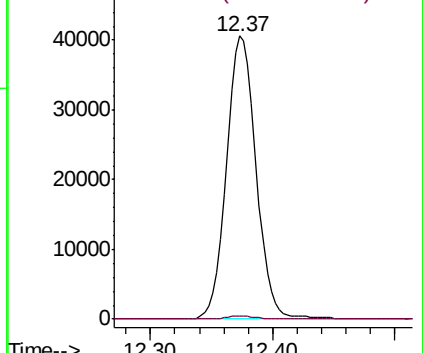
75 100

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: 61.879 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN064821.D

Acq: 24 Nov 2020 19:28

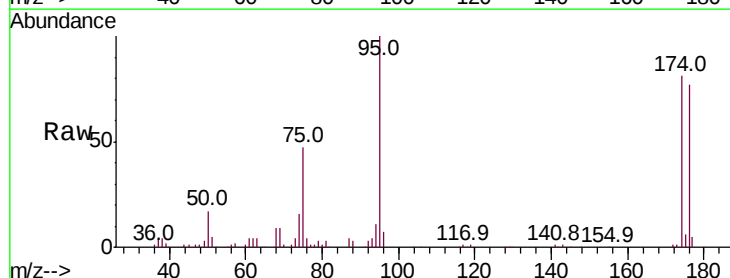
Tgt Ion: 75 Resp: 68903

Ion Ratio Lower Upper

75 100

53 0.0 67.0 100.4#

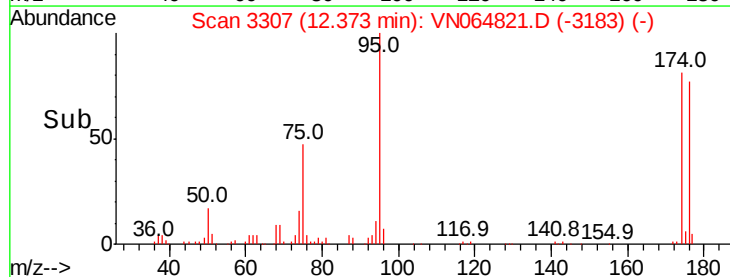
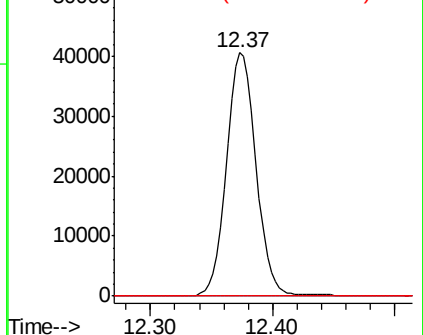
89 0.0 39.6 59.4#

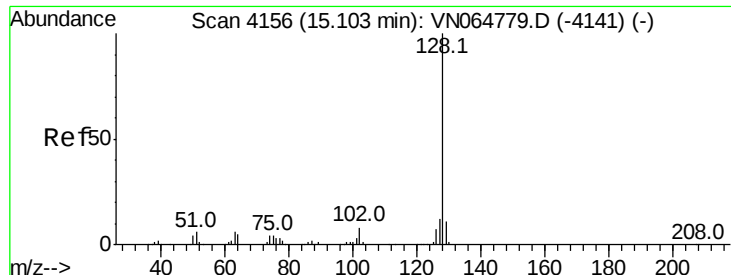


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#95

Naphthalene

Concen: 0.378 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN064821.D

Acq: 24 Nov 2020 19:28

Instrument :

MSVOA_N

ClientSampleId :

FB01-20201118

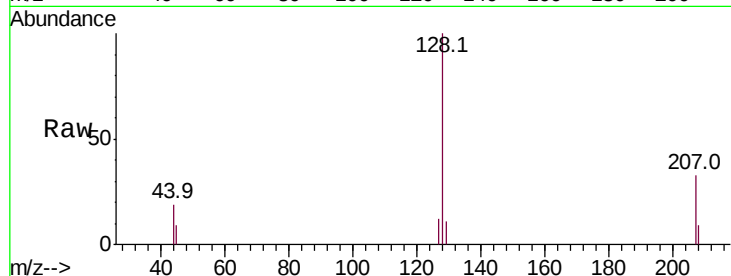
Tot Ion:128 Resp: 3251

Ion Ratio Lower Upper

128 100

127 4.4 10.3 15.5#

129 8.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

