

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112520\
 Data File : VN064846.D
 Acq On : 25 Nov 2020 10:36
 Operator : JC/MD
 Sample : VN1125WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBL01

Quant Time: Nov 26 03:40:02 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	161751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	287226	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	297646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	134778	50.00	ug/l	0.00

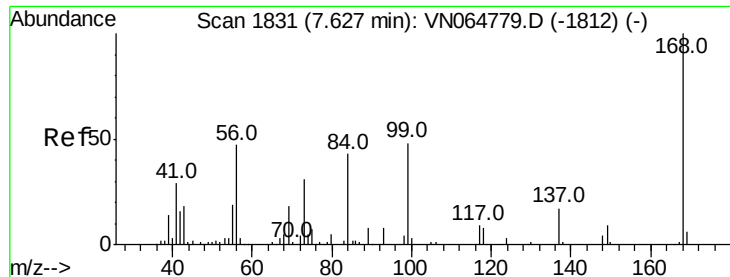
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	100322	53.35	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	106.70%
35) Dibromofluoromethane	7.55	113	92840	54.02	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	108.04%
50) Toluene-d8	10.06	98	359063	51.13	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.26%
62) 4-Bromofluorobenzene	12.37	95	137761	54.82	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.64%

Target Compounds

					Qvalue	
31) Cyclohexane	7.62	56	3109	1.186	ug/l #	4
36) 1,1-Dichloropropene	7.62	75	11180	4.199	ug/l #	49
38) Carbon Tetrachloride	7.62	117	15459	5.581	ug/l #	15
51) 4-Methyl-2-Pentanone	10.05	43	1267	0.511	ug/l #	1
76) 1,2,3-Trichloropropane	12.37	75	64510	22.225	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	64510	60.914	ug/l #	15
96) 1,2,3-Trichlorobenzene	15.29	180	168	1.455	ug/l #	68

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064846.D

Acq: 25 Nov 2020 10:36

Instrument :

MSVOA_N

ClientSampleId :

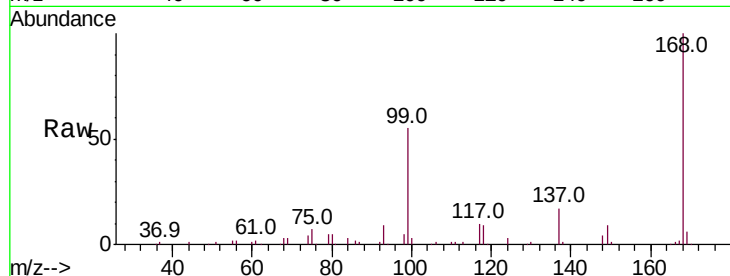
VN1125WBL01

Tot Ion:168 Resp: 161751

Ion Ratio Lower Upper

168 100

99 54.8 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): VN064846.D (-1738) (-)

Ion 98.90 (98.60 to 99.60): VN064846.D (-1738) (-)

7.62

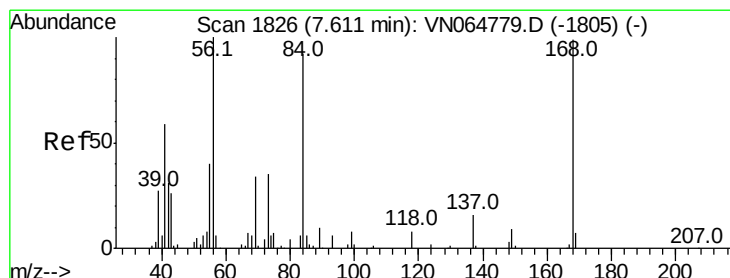
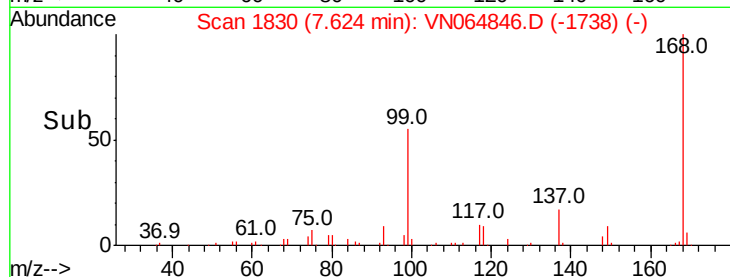
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#31

Cyclohexane

Concen: 1.186 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN064846.D

Acq: 25 Nov 2020 10:36

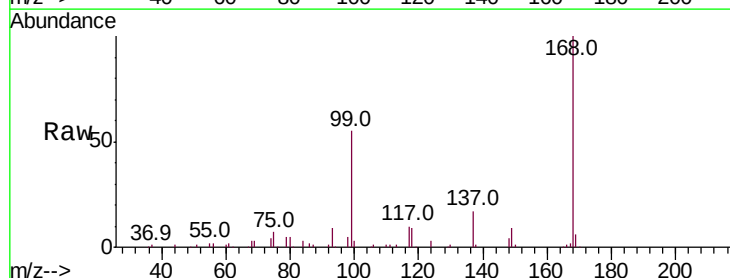
Tgt Ion: 56 Resp: 3109

Ion Ratio Lower Upper

56 100

69 172.8 27.5 41.3#

84 132.3 73.9 110.9#



Abundance Ion 56.00 (55.70 to 56.70): VN064846.D (-1733) (-)

Ion 69.00 (68.70 to 69.70): VN064846.D (-1733) (-)

Ion 84.00 (83.70 to 84.70): VN064846.D (-1733) (-)

3000

2500

2000

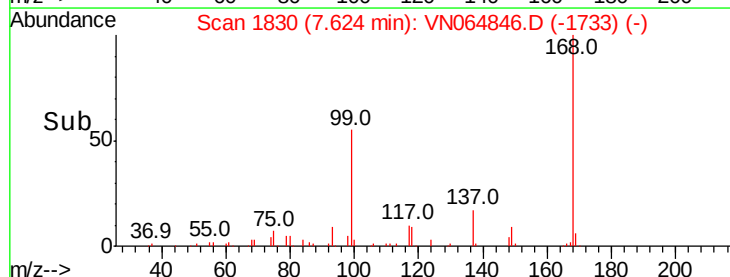
1500

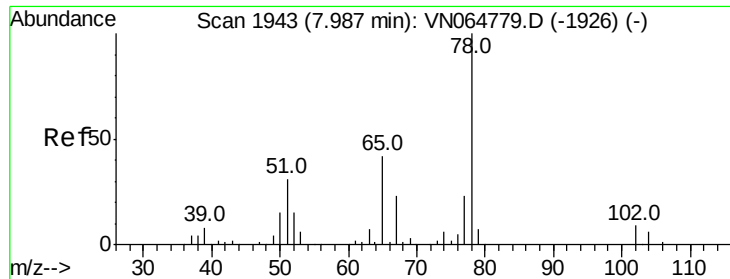
1000

500

0

Time--> 7.55 7.60 7.65





#33

1,2-Dichloroethane-d4

Concen: 53.350 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

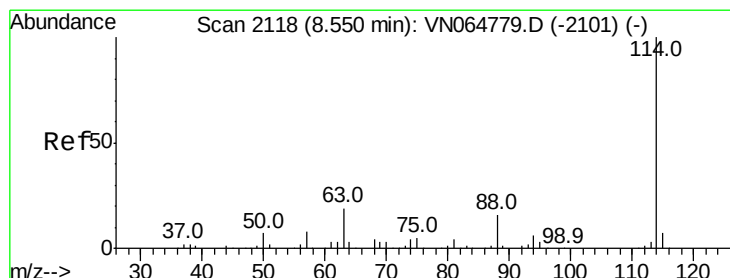
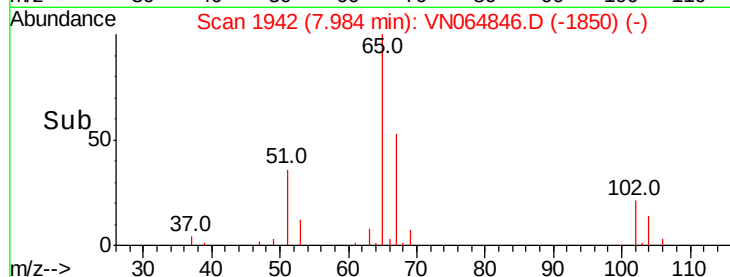
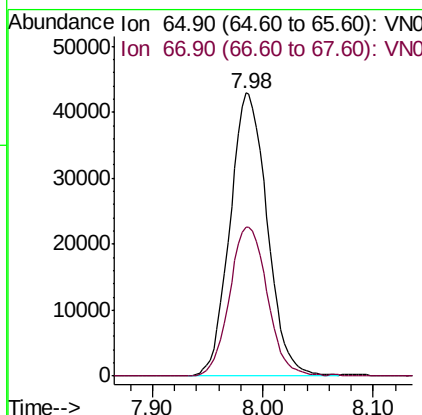
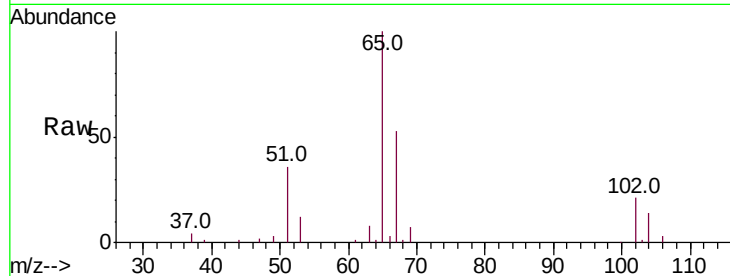
Lab File: VN064846.D

Acq: 25 Nov 2020 10:36

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBL01

Tot Ion: 65 Resp: 100322

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	108.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

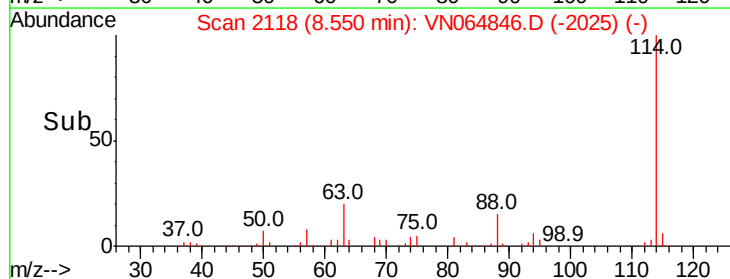
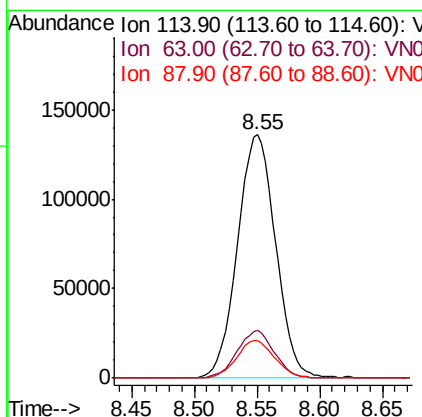
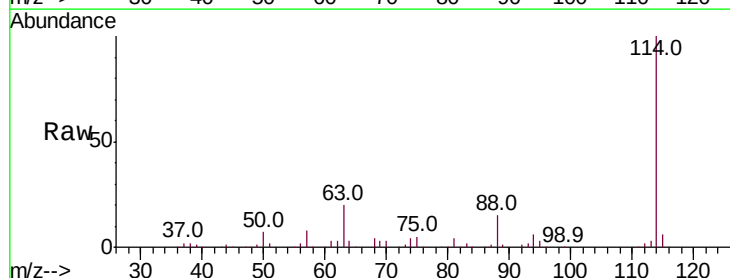
Delta R.T. 0.00 min

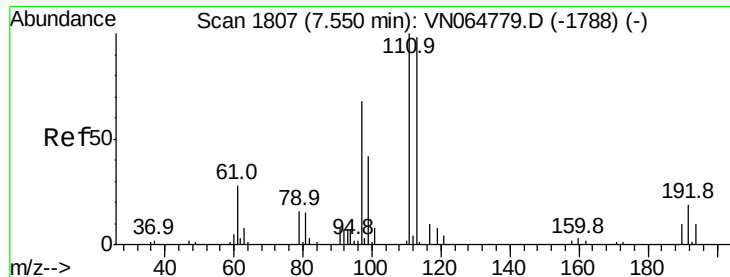
Lab File: VN064846.D

Acq: 25 Nov 2020 10:36

Tgt Ion: 114 Resp: 287226

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.6
88	15.4	0.0	32.6

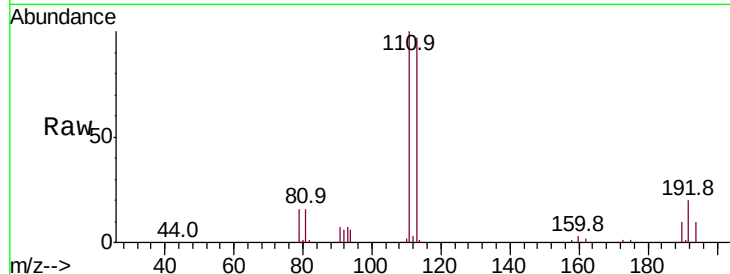




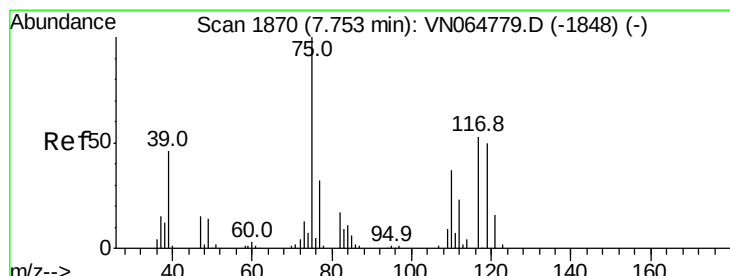
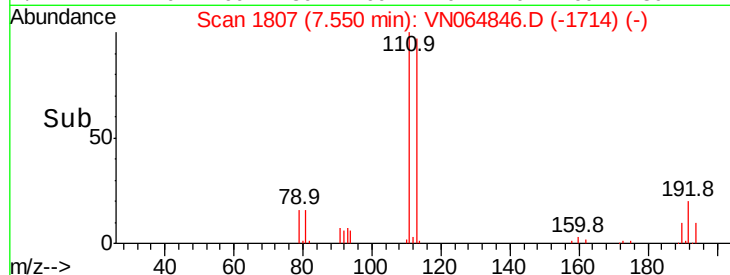
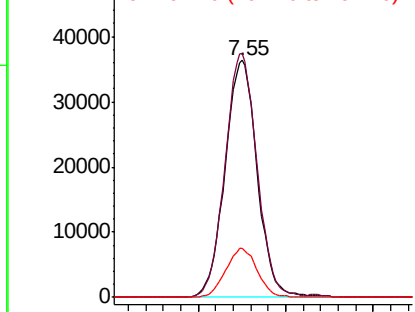
#35
 Dibromofluoromethane
 Concen: 54.019 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064846.D
 Acq: 25 Nov 2020 10:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBL01

Tot Ion:113 Resp: 92840
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.6 122.4
 192 20.0 16.2 24.2

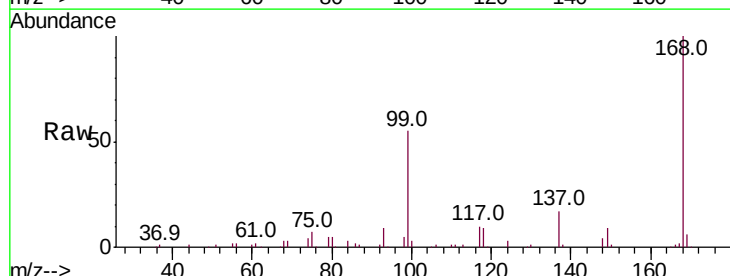


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

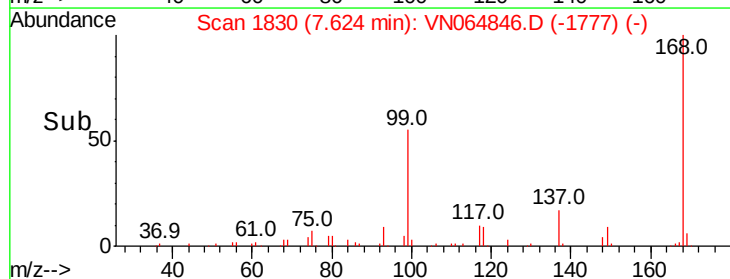
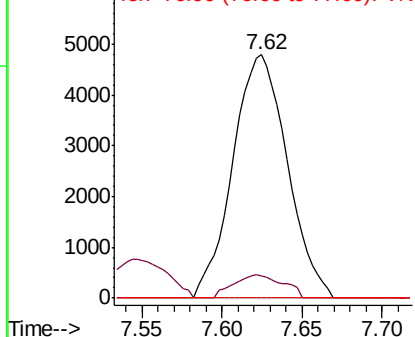


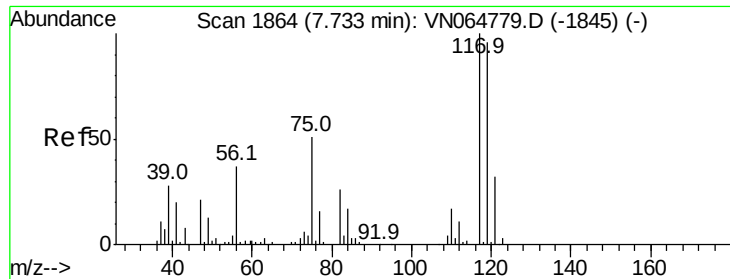
#36
 1,1-Dichloropropene
 Concen: 4.199 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN064846.D
 Acq: 25 Nov 2020 10:36

Tgt Ion: 75 Resp: 11180
 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

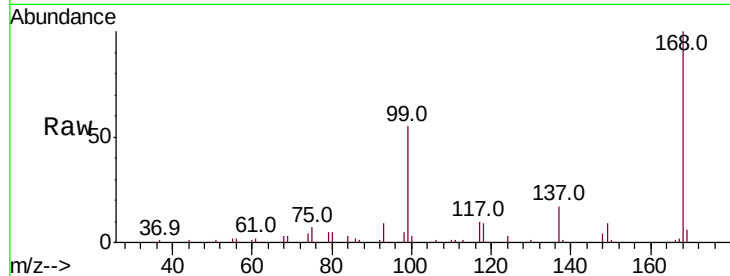




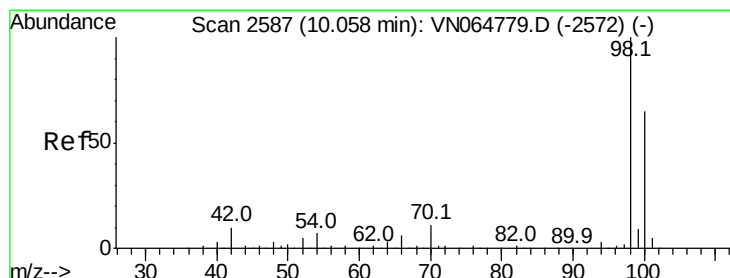
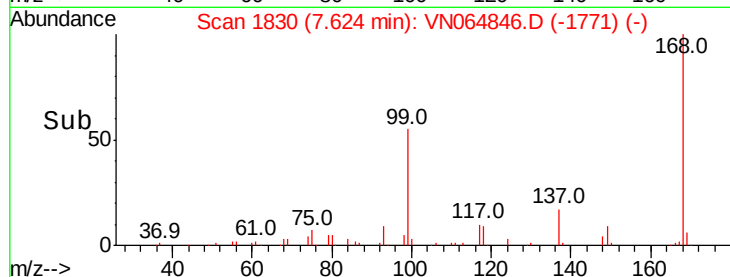
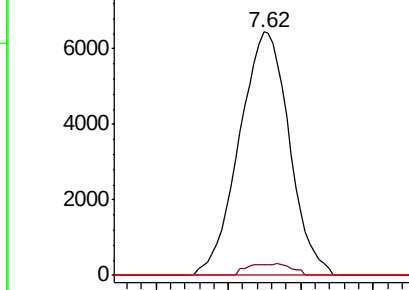
#38
Carbon Tetrachloride
Concen: 5.581 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN064846.D
Acq: 25 Nov 2020 10:36

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBL01

Tot Ion:117 Resp: 15459
Ion Ratio Lower Upper
117 100
119 4.4 76.7 115.1#
121 0.0 25.4 38.2#

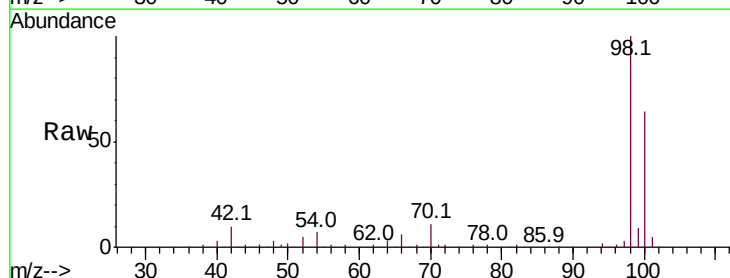


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

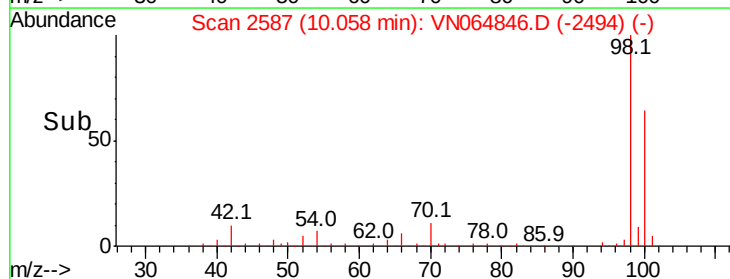
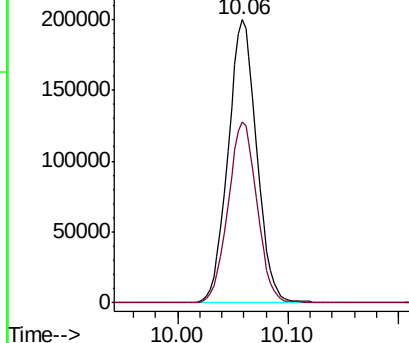


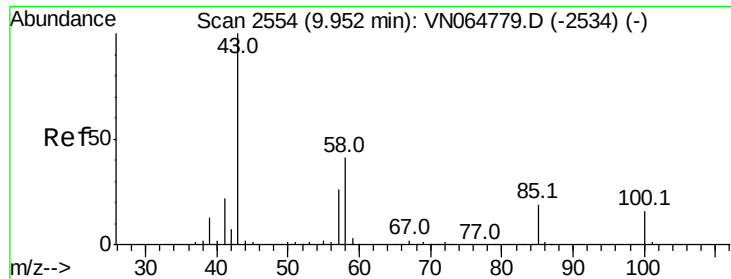
#50
Toluene-d8
Concen: 51.131 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064846.D
Acq: 25 Nov 2020 10:36

Tgt Ion: 98 Resp: 359063
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





#51

4-Methyl-2-Pentanone

Concen: 0.511 ug/l

RT: 10.05 min Scan# 2586

Delta R.T. 0.10 min

Lab File: VN064846.D

Acq: 25 Nov 2020 10:36

Instrument :

MSVOA_N

ClientSampleId :

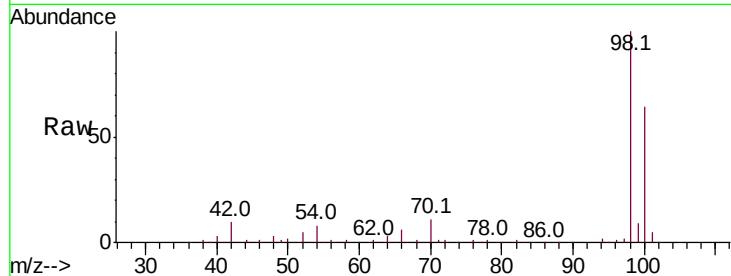
VN1125WBL01

Tot Ion: 43 Resp: 1267

Ion Ratio Lower Upper

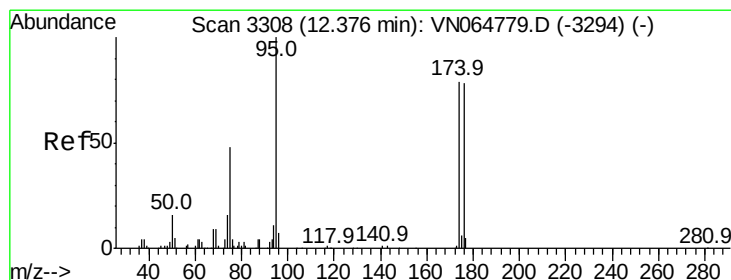
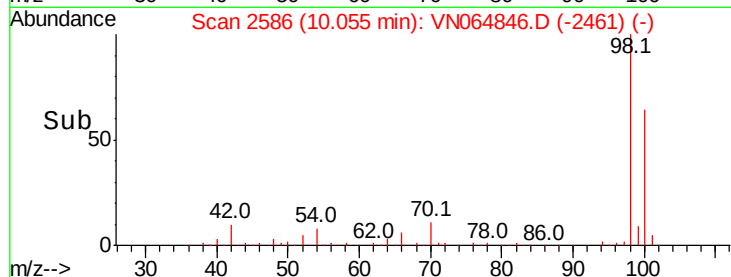
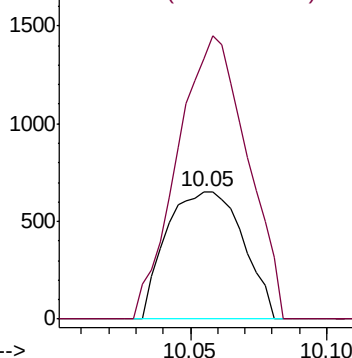
43 100

58 203.5 32.4 48.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 54.816 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064846.D

Acq: 25 Nov 2020 10:36

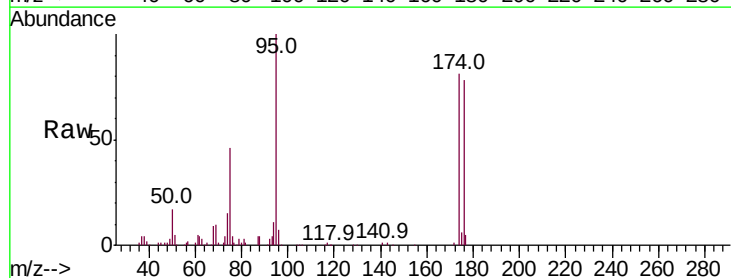
Tgt Ion: 95 Resp: 137761

Ion Ratio Lower Upper

95 100

174 81.9 0.0 160.4

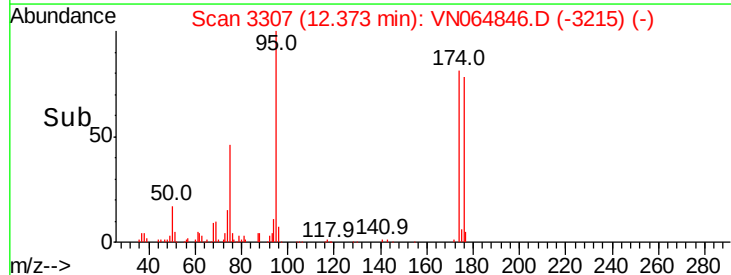
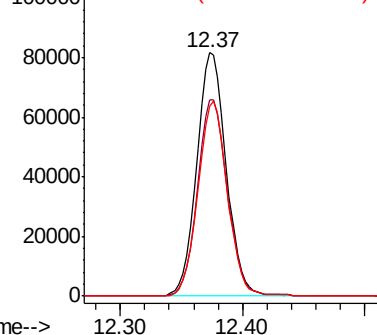
176 80.0 0.0 158.4

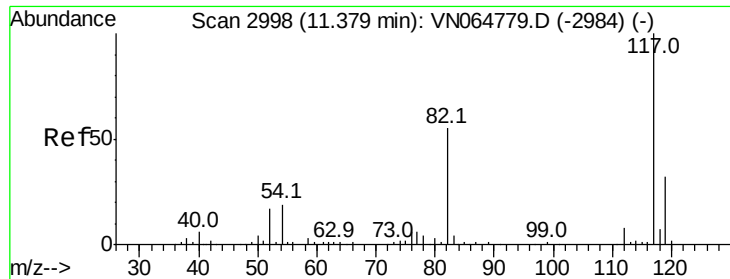


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

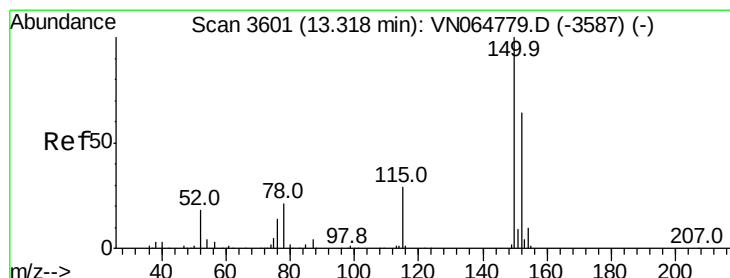
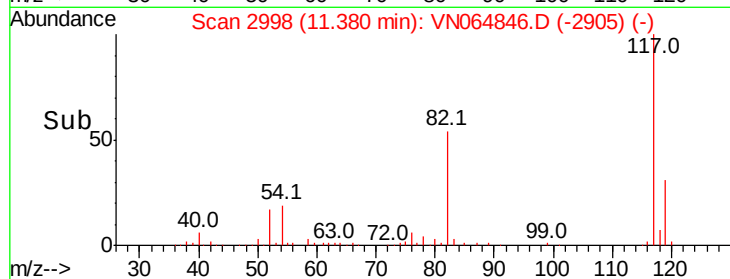
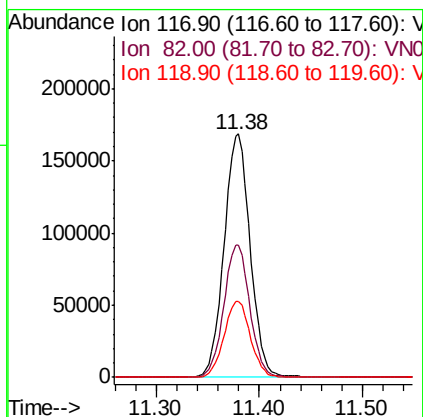
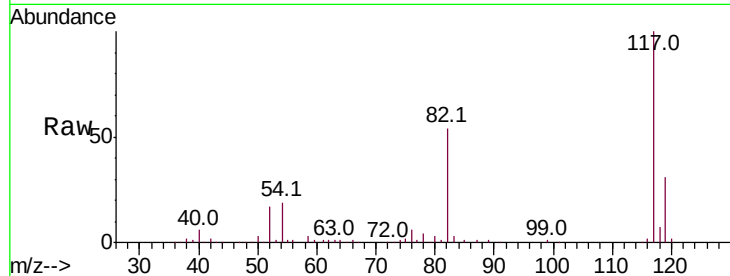




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064846.D
Acq: 25 Nov 2020 10:36

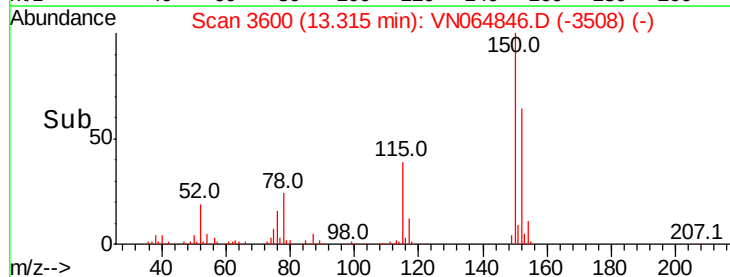
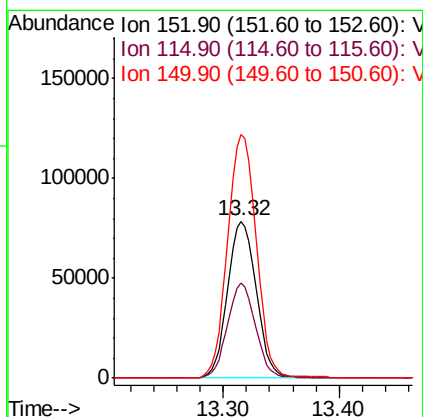
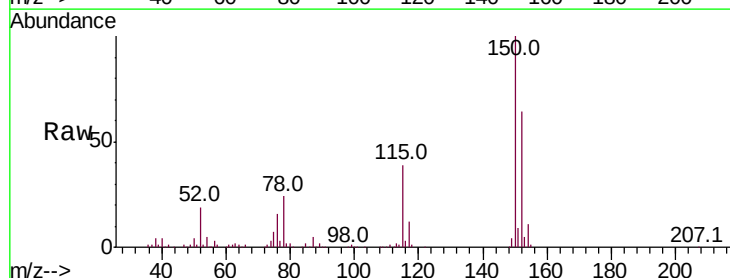
Instrument :
MSVOA_N
ClientSampled :
VN1125WBL01

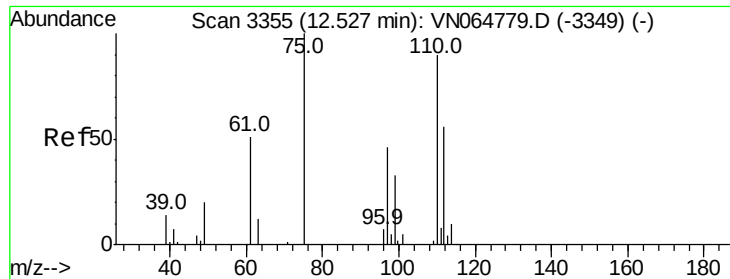
Tot Ion:117 Resp: 297646
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 31.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064846.D
Acq: 25 Nov 2020 10:36

Tgt Ion:152 Resp: 134778
Ion Ratio Lower Upper
152 100
115 58.8 29.7 89.1
150 154.9 0.0 350.6





#76

1,2,3-Trichloropropane

Concen: 22.225 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN064846.D

Acq: 25 Nov 2020 10:36

Instrument :

MSVOA_N

ClientSampleId :

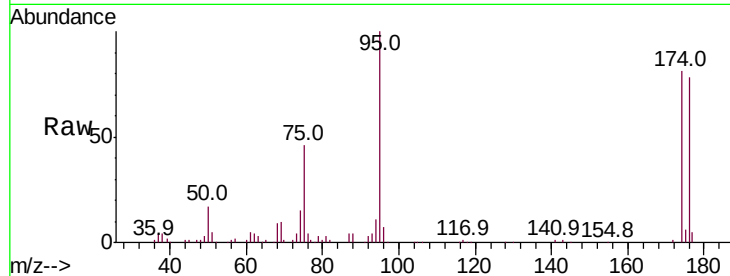
VN1125WBL01

Tot Ion: 75 Resp: 64510

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.37

40000

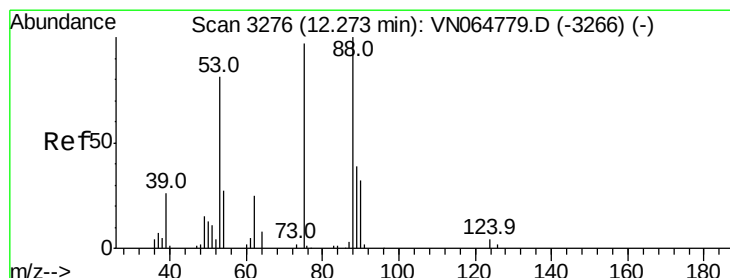
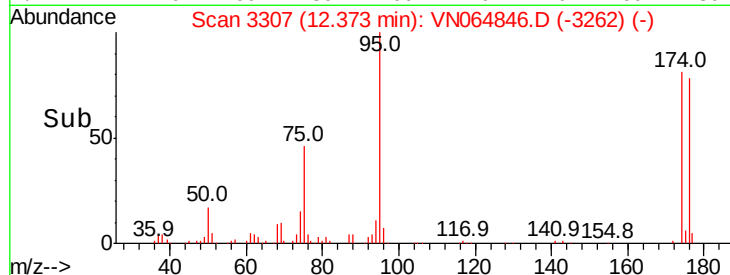
30000

20000

10000

0

Time--> 12.30 12.35 12.40 12.45



#81

trans-1,4-Dichloro-2-butene

Concen: 60.914 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN064846.D

Acq: 25 Nov 2020 10:36

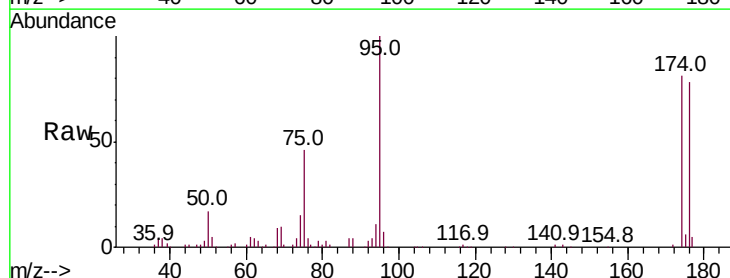
Tgt Ion: 75 Resp: 64510

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

50000

40000

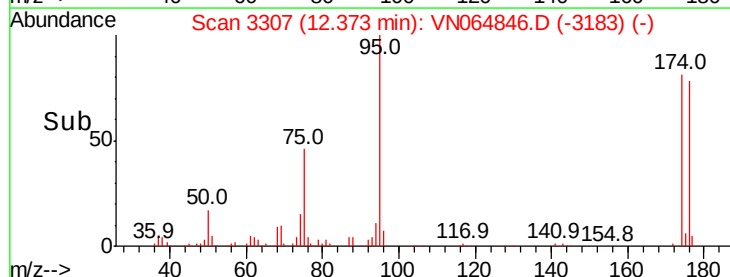
30000

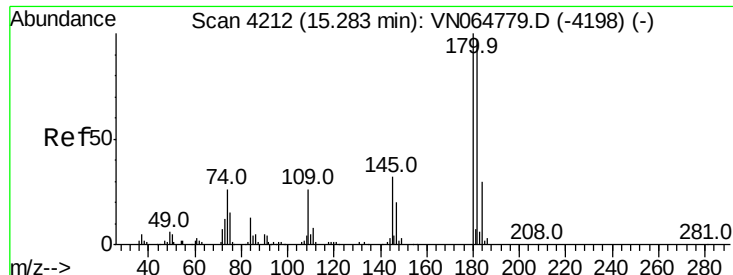
20000

10000

0

Time--> 12.30 12.35 12.40 12.45





#96
 1,2,3-Trichlorobenzene
 Concen: 1.455 ug/l
 RT: 15.29 min Scan# 4214
 Delta R.T. 0.01 min
 Lab File: VN064846.D
 Acq: 25 Nov 2020 10:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBL01

Tot Ion	Ratio	Lower	Upper
180	100		
182	119.0	48.1	144.4
145	0.0	16.4	49.1#

