

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102820\
 Data File : VN064343.D
 Acq On : 28 Oct 2020 11:21
 Operator : JC/MD
 Sample : VN1028WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBL01

Quant Time: Oct 29 02:39:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	215717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	386882	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	379088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	159730	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	183473	52.93	ug/l	0.00
Spiked Amount			Recovery	=	105.86%	
35) Dibromofluoromethane	7.55	113	130269	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
50) Toluene-d8	10.06	98	485111	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.38	95	204686	55.01	ug/l	0.00
Spiked Amount			Recovery	=	110.02%	

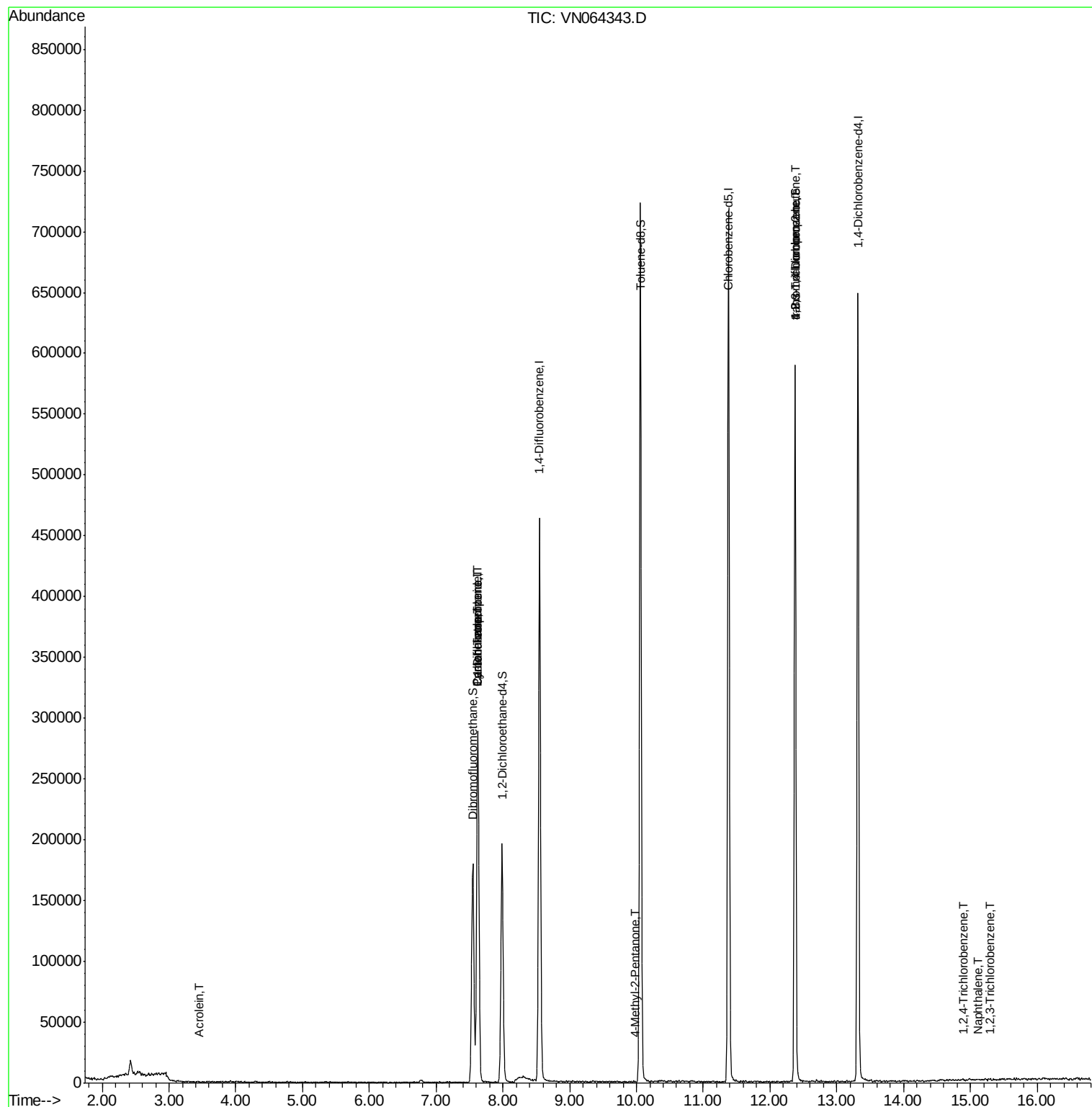
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.45	56	60	18.190	ug/l #	10
16) Acetone	3.77	43	241	Below Cal	#	47
31) Cyclohexane	7.63	56	5795	1.440	ug/l #	35
36) 1,1-Dichloropropene	7.62	75	17868	4.576	ug/l #	52
38) Carbon Tetrachloride	7.63	117	25676	5.672	ug/l #	19
51) 4-Methyl-2-Pentanone	9.98	43	1041	0.266	ug/l #	39
76) 1,2,3-Trichloropropane	12.37	75	110041	28.768	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	110041	82.867	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.90	180	166	2.072	ug/l #	35
95) Naphthalene	15.11	128	830	2.480	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.28	180	232	2.261	ug/l #	77

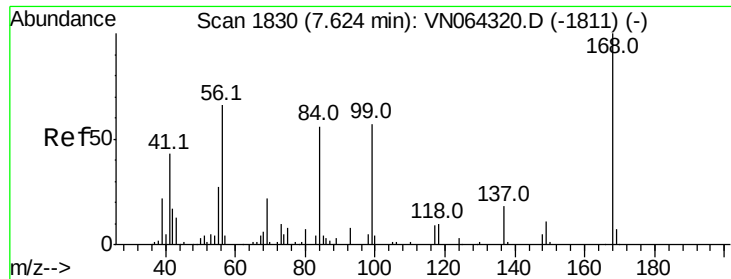
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102820\
Data File : VN064343.D
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Misc : 5.00mL/MSVOA N/WATER
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MSVOA_N
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Quant Time: Oct 29 02:39:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 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: VN064343.D

Acq: 28 Oct 2020 11:21

Instrument :

MSVOA_N

ClientSampleId :

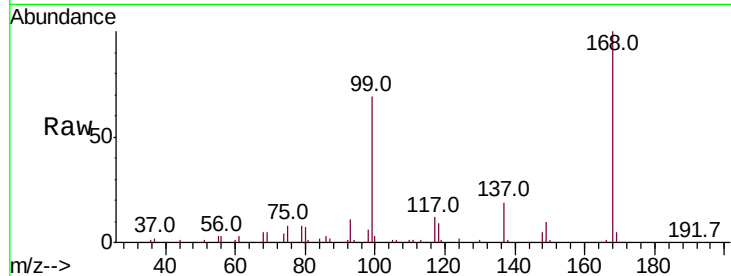
VN1028WBL01

Tot Ion:168 Resp: 215717

Ion Ratio Lower Upper

168 100

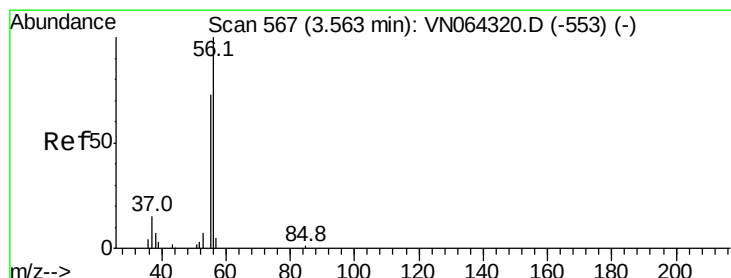
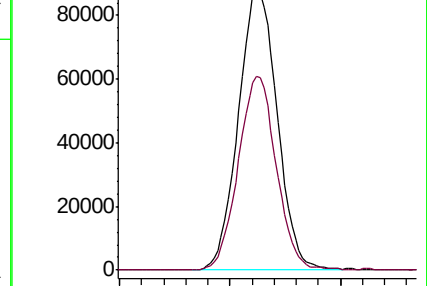
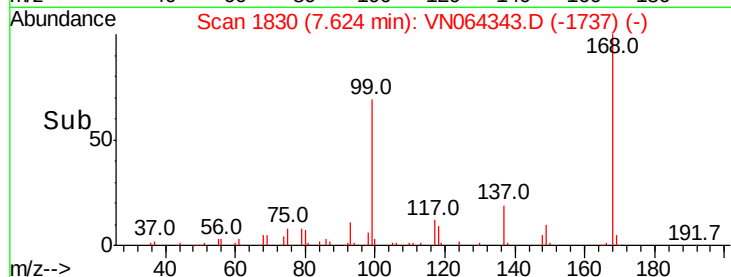
99 68.5 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): VN064320.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN064320.D (-1811) (-)

7.62



#13

Acrolein

Concen: 18.190 ug/l

RT: 3.45 min Scan# 532

Delta R.T. -0.11 min

Lab File: VN064343.D

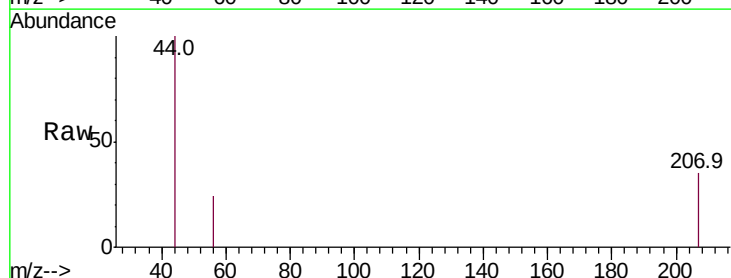
Acq: 28 Oct 2020 11:21

Tgt Ion: 56 Resp: 60

Ion Ratio Lower Upper

56 100

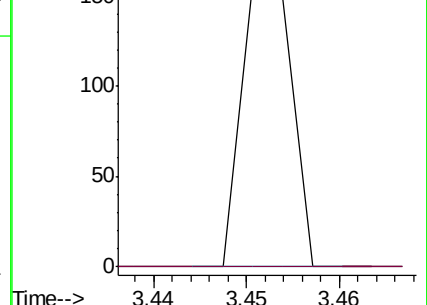
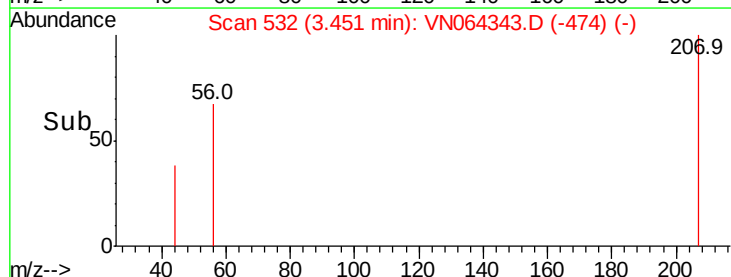
55 0.0 62.6 94.0#

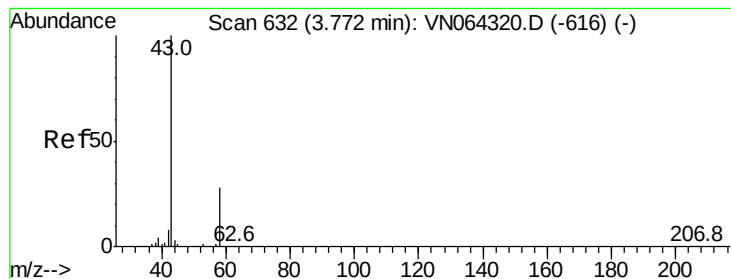


Abundance Ion 56.00 (55.70 to 56.70): VN064320.D (-553) (-)

Ion 55.00 (54.70 to 55.70): VN064320.D (-553) (-)

3.45





#16

Acetone

Concen: Below Cal

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN064343.D

Acq: 28 Oct 2020 11:21

Instrument :

MSVOA_N

ClientSampleId :

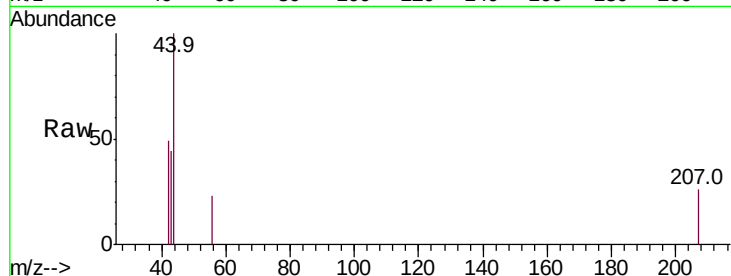
VN1028WBL01

Tot Ion: 43 Resp: 241

Ion Ratio Lower Upper

43 100

58 0.0 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

400

300

200

100

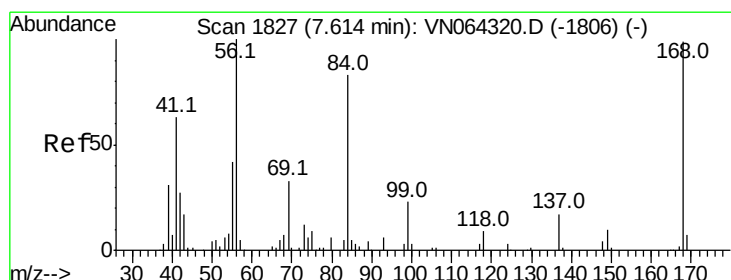
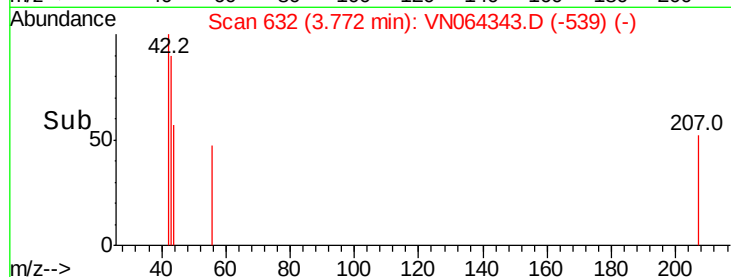
0

3.76

3.77

3.78

Time-->



#31

Cyclohexane

Concen: 1.440 ug/l

RT: 7.63 min Scan# 1833

Delta R.T. 0.02 min

Lab File: VN064343.D

Acq: 28 Oct 2020 11:21

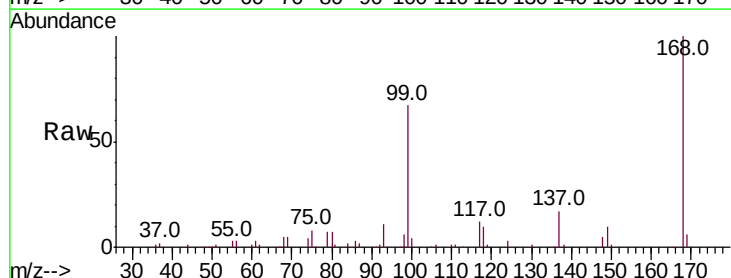
Tgt Ion: 56 Resp: 5795

Ion Ratio Lower Upper

56 100

69 157.9 25.8 38.8#

84 80.8 66.3 99.5



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

5000

4000

3000

2000

1000

0

7.55

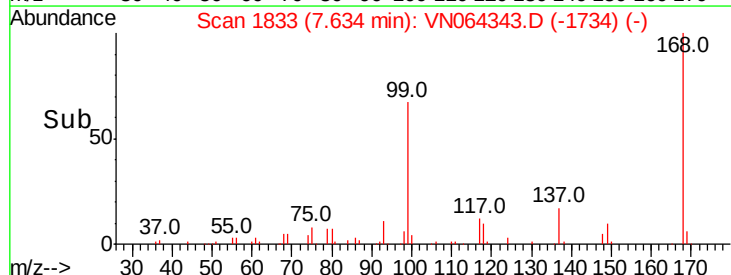
7.60

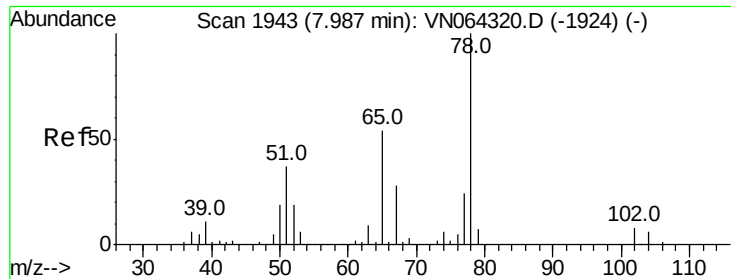
7.63

7.65

7.70

Time-->

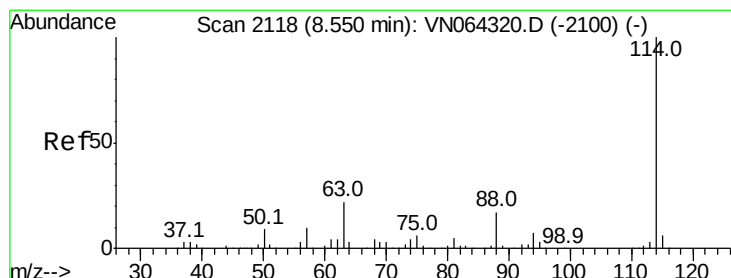
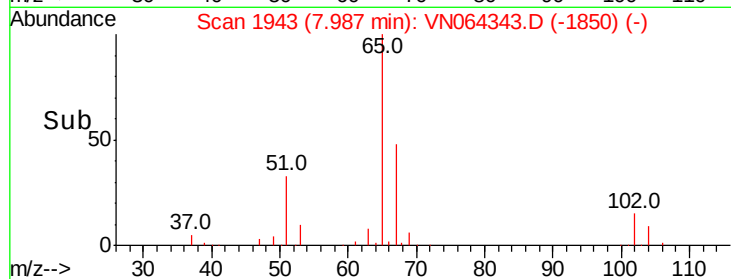
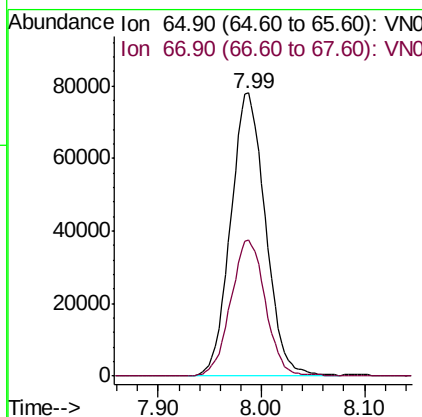
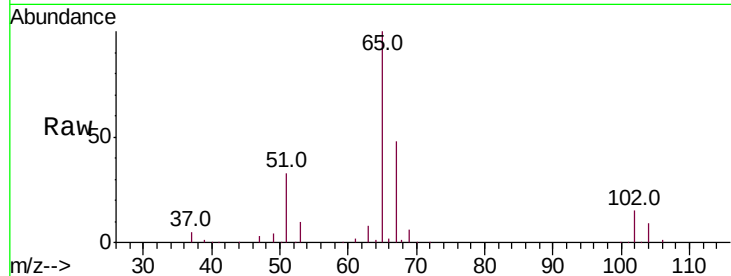




#33
 1,2-Dichloroethane-d4
 Concen: 52.927 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064343.D
 Acq: 28 Oct 2020 11:21

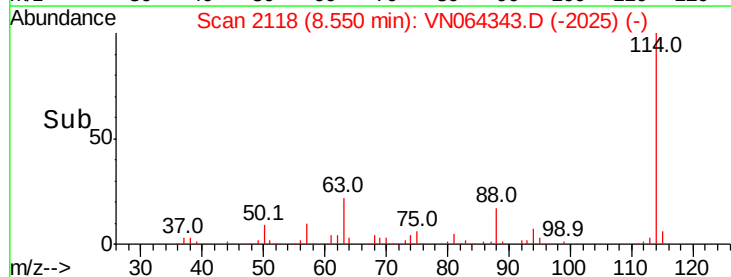
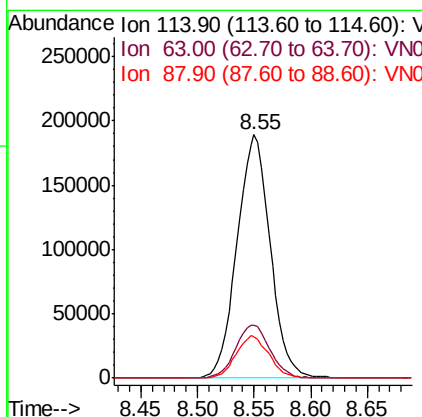
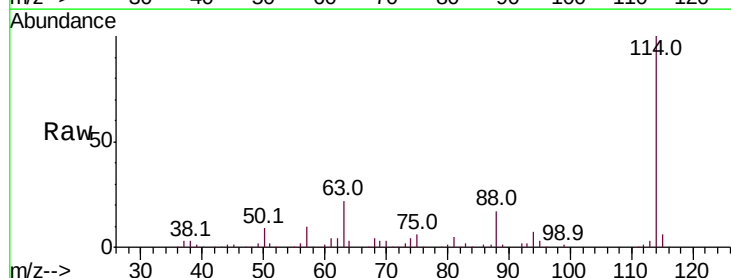
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBL01

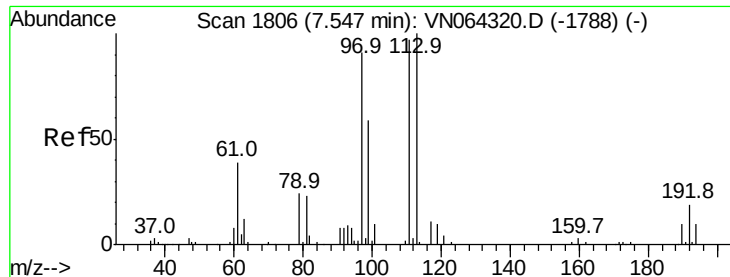
Tot Ion: 65 Resp: 183473
 Ion Ratio Lower Upper
 65 100
 67 47.7 0.0 99.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064343.D
 Acq: 28 Oct 2020 11:21

Tgt Ion: 114 Resp: 386882
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.6
 88 17.2 0.0 33.4

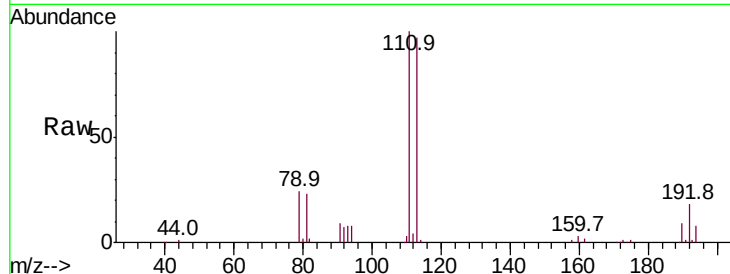




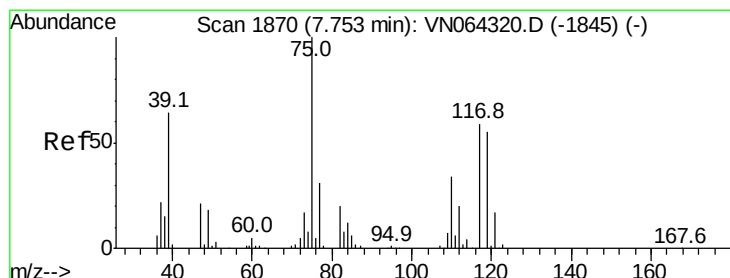
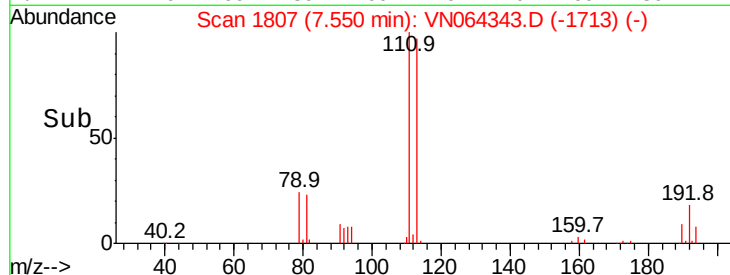
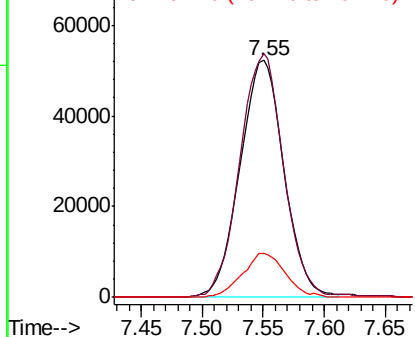
#35
 Dibromofluoromethane
 Concen: 50.492 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064343.D
 Acq: 28 Oct 2020 11:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBL01

Tot Ion:113 Resp: 130269
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.5 122.3
 192 17.9 15.0 22.4

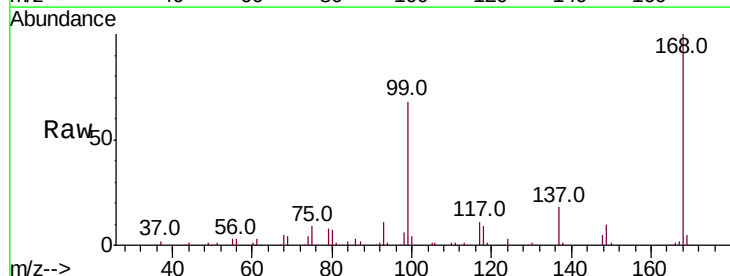


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

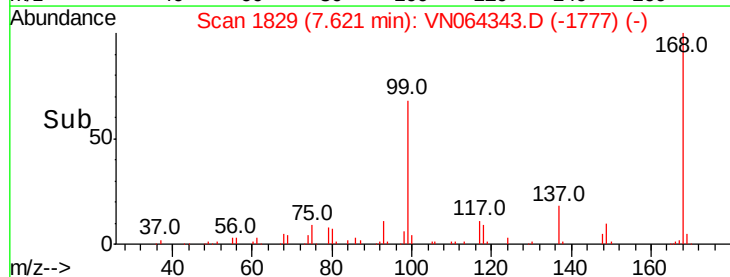
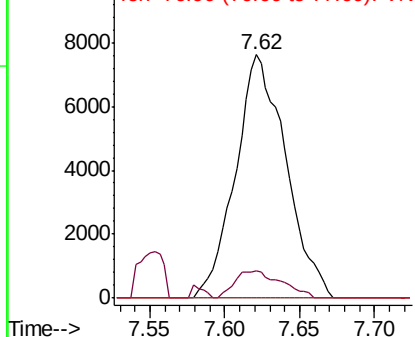


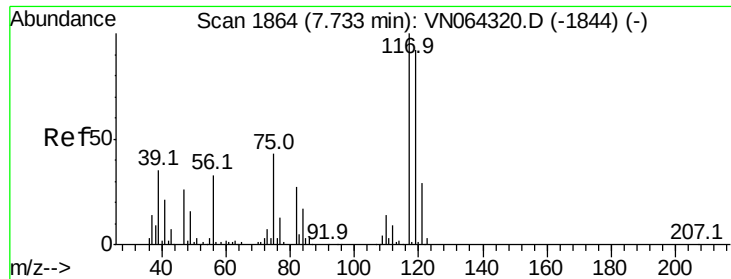
#36
 1,1-Dichloropropene
 Concen: 4.576 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.13 min
 Lab File: VN064343.D
 Acq: 28 Oct 2020 11:21

Tgt Ion: 75 Resp: 17868
 Ion Ratio Lower Upper
 75 100
 110 10.5 16.8 50.3#
 77 0.0 24.2 36.4#



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

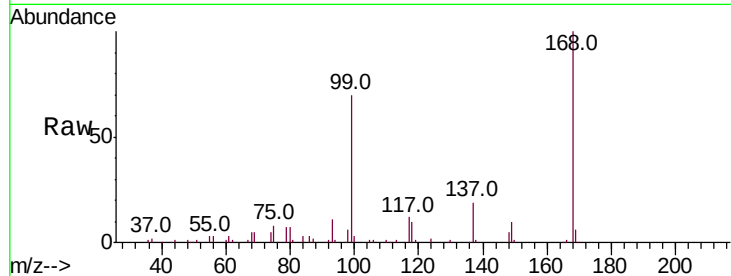




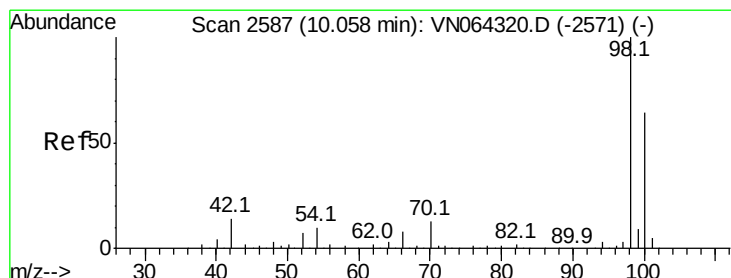
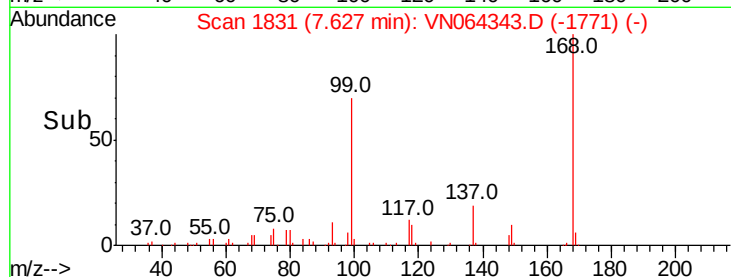
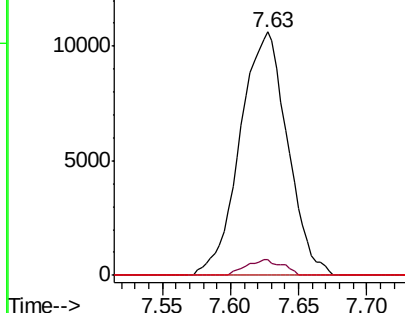
#38
Carbon Tetrachloride
Concen: 5.672 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN064343.D
Acq: 28 Oct 2020 11:21

Instrument :
MSVOA_N
ClientSampled :
VN1028WBL01

Tot Ion:117 Resp: 25676
Ion Ratio Lower Upper
117 100
119 6.6 73.7 110.5#
121 0.0 22.8 34.2#

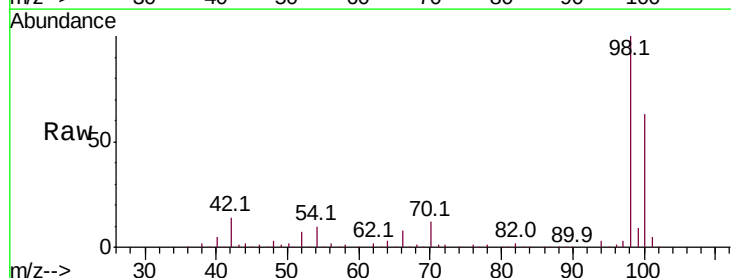


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

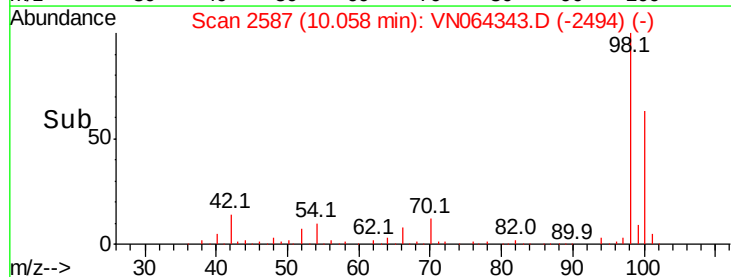
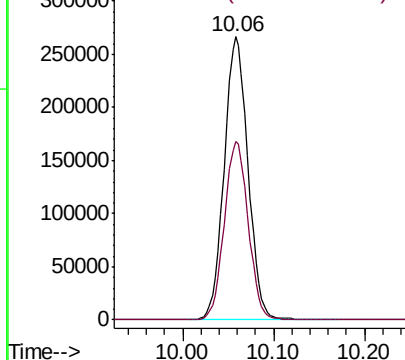


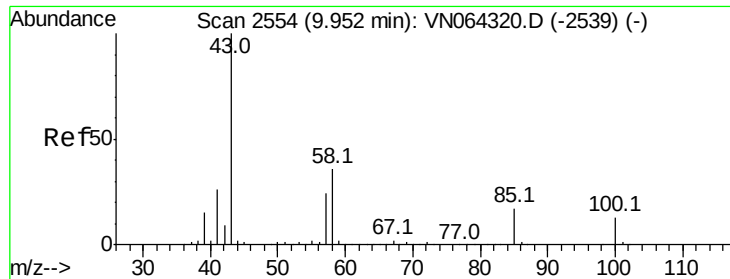
#50
Toluene-d8
Concen: 50.833 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064343.D
Acq: 28 Oct 2020 11:21

Tgt Ion: 98 Resp: 485111
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



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: 0.266 ug/l

RT: 9.98 min Scan# 2562

Delta R.T. 0.03 min

Lab File: VN064343.D

Acq: 28 Oct 2020 11:21

Instrument :

MSVOA_N

ClientSampled :

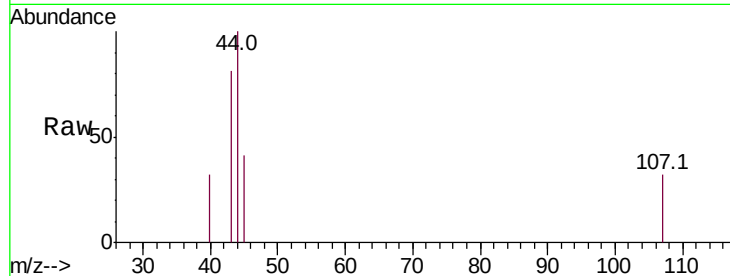
VN1028WBL01

Tot Ion: 43 Resp: 1041

Ion Ratio Lower Upper

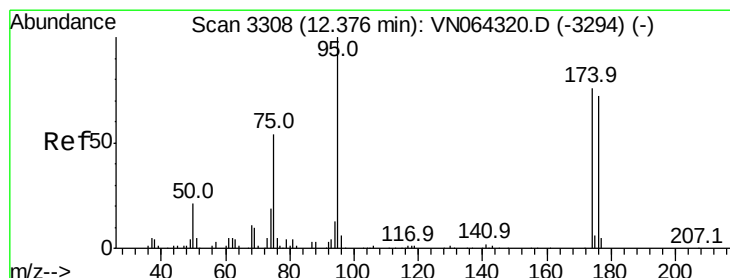
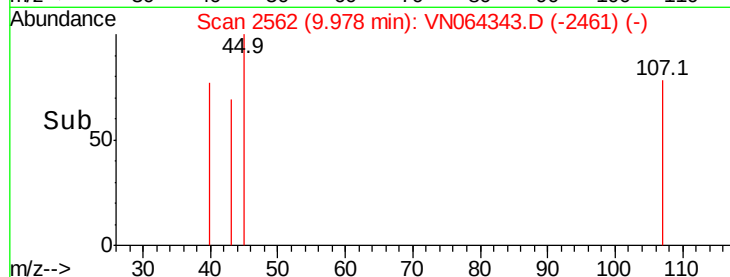
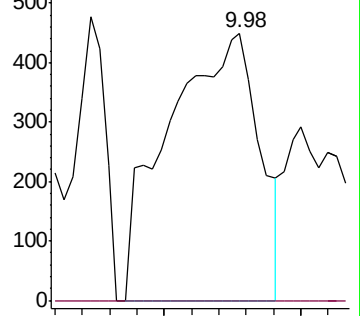
43 100

58 0.0 28.6 42.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 55.011 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064343.D

Acq: 28 Oct 2020 11:21

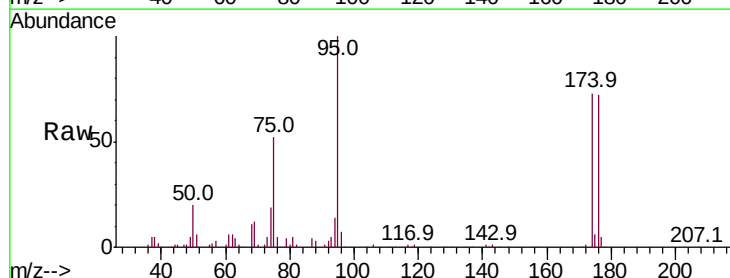
Tgt Ion: 95 Resp: 204686

Ion Ratio Lower Upper

95 100

174 73.2 0.0 147.4

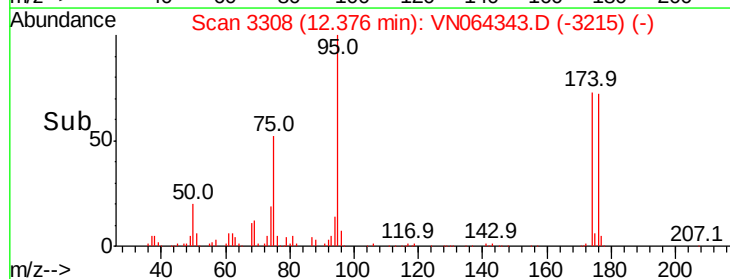
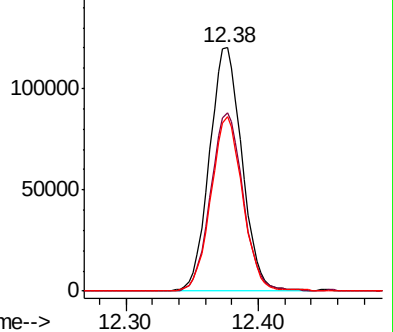
176 70.3 0.0 143.6

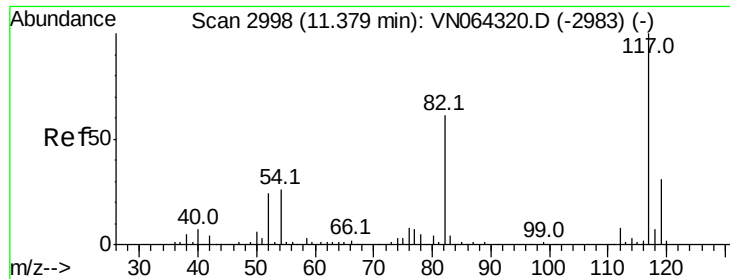


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

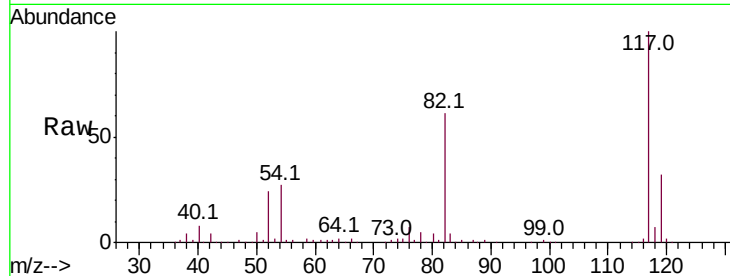




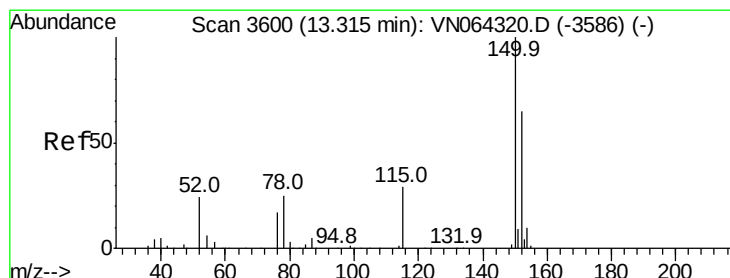
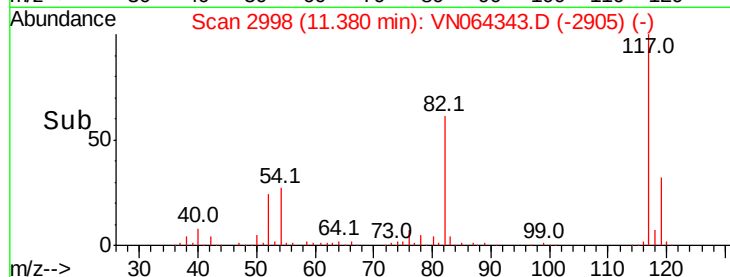
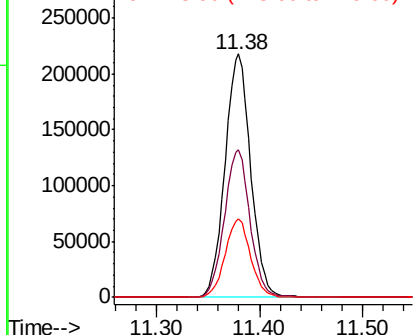
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064343.D
Acq: 28 Oct 2020 11:21

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBL01

Tot Ion:117 Resp: 379088
Ion Ratio Lower Upper
117 100
82 60.6 48.8 73.2
119 32.2 25.1 37.7

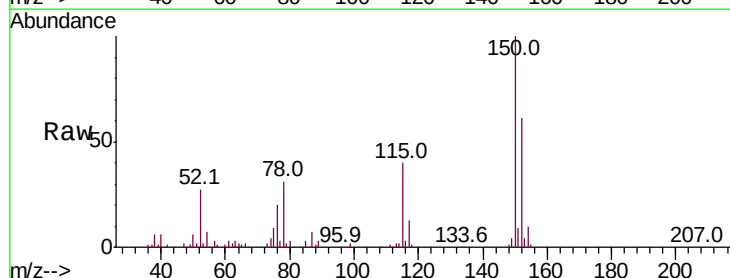


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

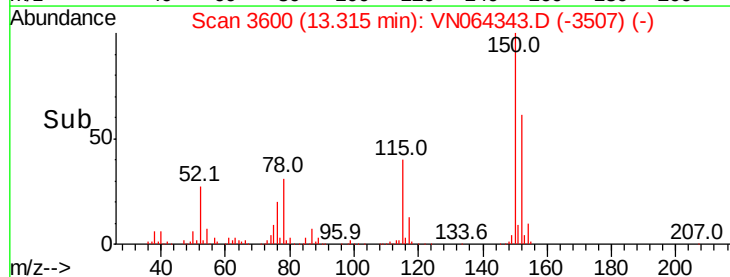
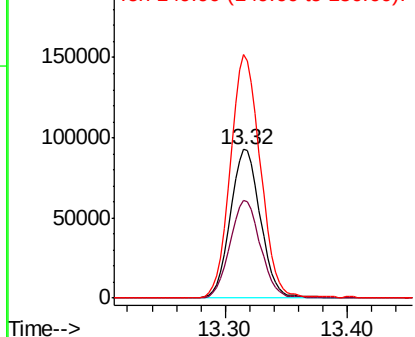


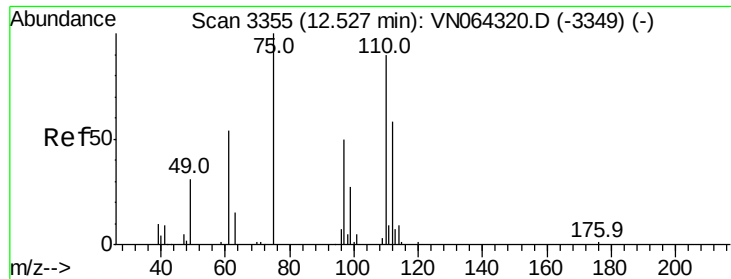
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN064343.D
Acq: 28 Oct 2020 11:21

Tgt Ion:152 Resp: 159730
Ion Ratio Lower Upper
152 100
115 66.4 31.5 94.5
150 162.0 0.0 346.2



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: 28.768 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN064343.D

Acq: 28 Oct 2020 11:21

Instrument :

MSVOA_N

ClientSampleId :

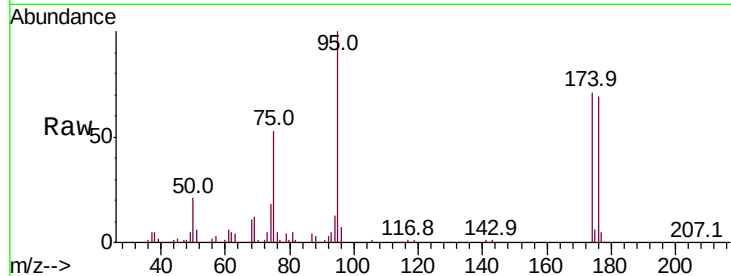
VN1028WBL01

Tot Ion: 75 Resp: 110041

Ion Ratio Lower Upper

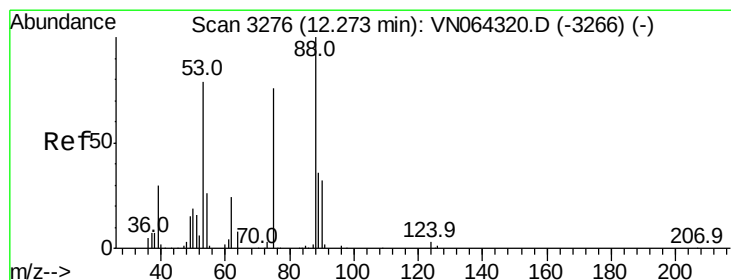
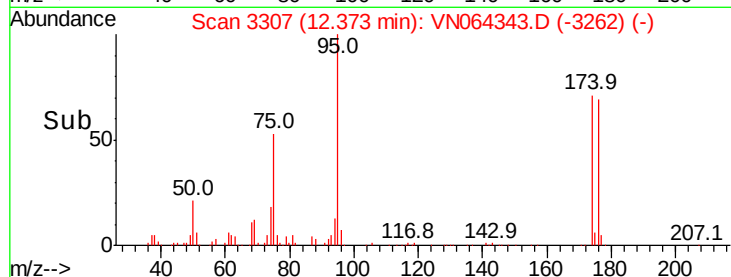
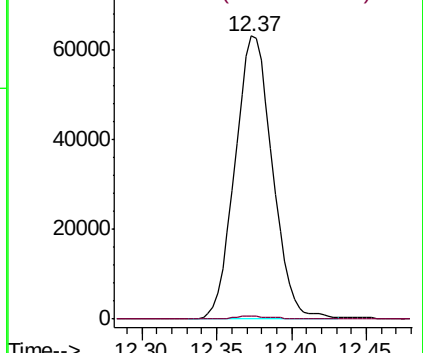
75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#81

trans-1,4-Dichloro-2-butene

Concen: 82.867 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN064343.D

Acq: 28 Oct 2020 11:21

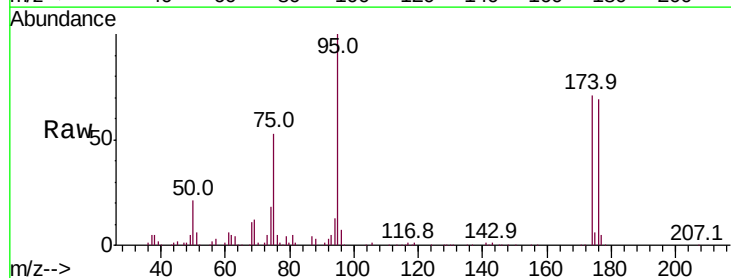
Tgt Ion: 75 Resp: 110041

Ion Ratio Lower Upper

75 100

53 0.0 81.8 122.8#

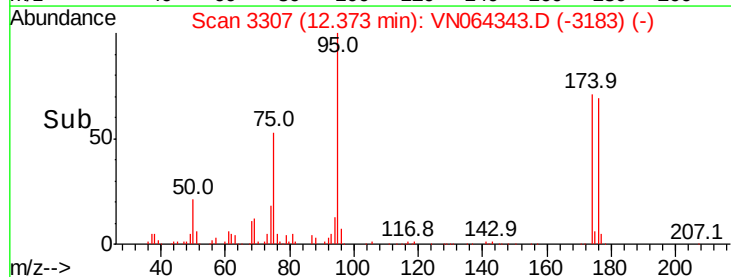
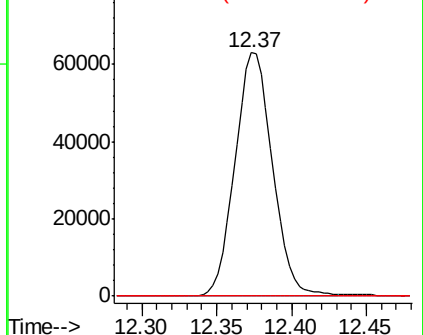
89 0.0 39.9 59.9#

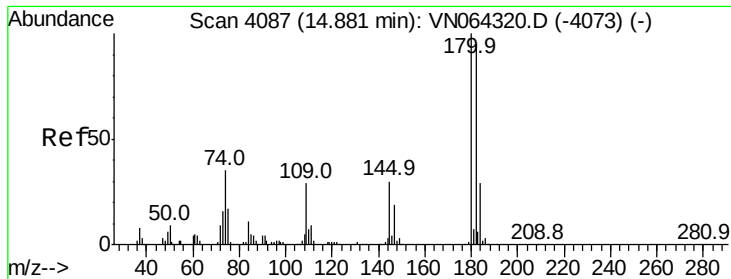


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

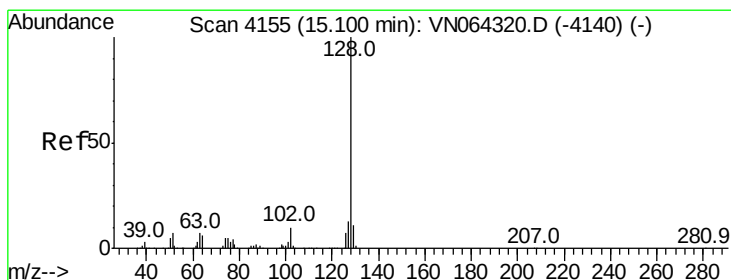
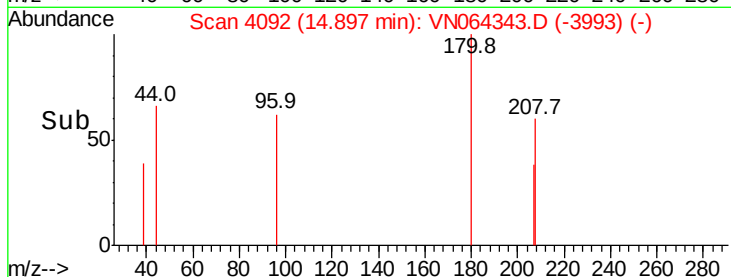
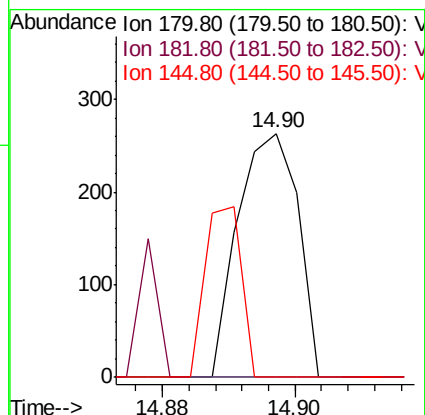
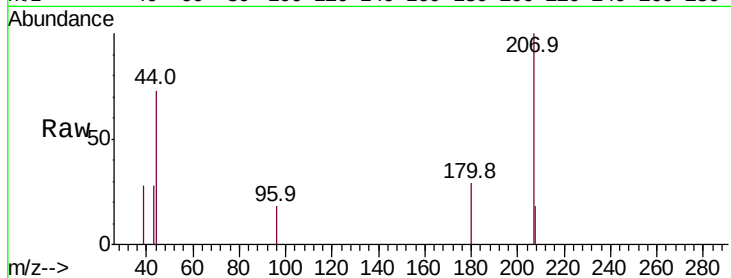




#93
 1,2,4-Trichlorobenzene
 Concen: 2.072 ug/l
 RT: 14.90 min Scan# 4092
 Delta R.T. 0.02 min
 Lab File: VN064343.D
 Acq: 28 Oct 2020 11:21

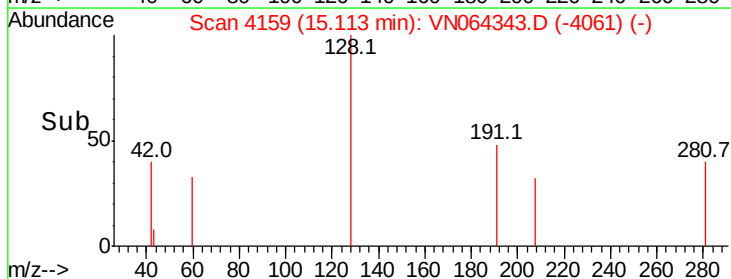
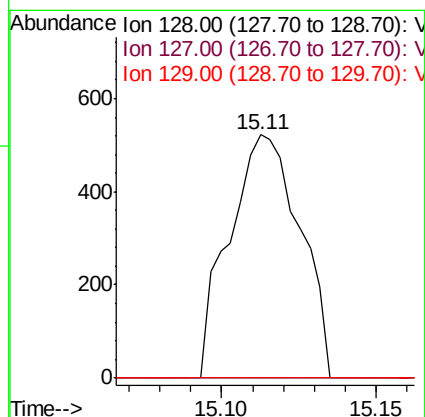
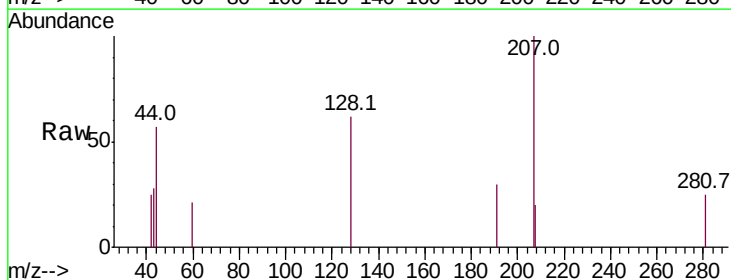
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBL01

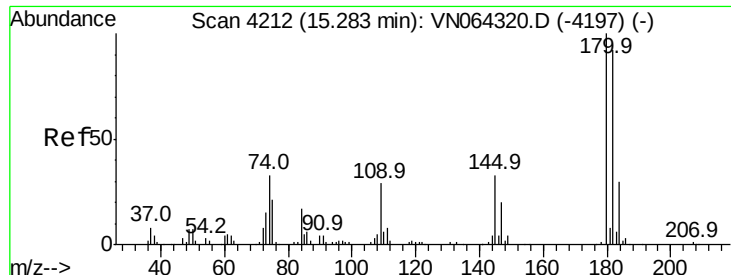
Tot Ion	Ratio	Lower	Upper
180	100		
182	17.5	46.6	139.7#
145	42.2	15.3	45.9



#95
 Naphthalene
 Concen: 2.480 ug/l
 RT: 15.11 min Scan# 4159
 Delta R.T. 0.01 min
 Lab File: VN064343.D
 Acq: 28 Oct 2020 11:21

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.6	13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.261 ug/l
 RT: 15.28 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN064343.D
 Acq: 28 Oct 2020 11:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBL01

Tot Ion:180 Resp: 232
 Ion Ratio Lower Upper
 180 100
 182 82.3 46.1 138.3
 145 0.0 16.2 48.5#

