

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103020\
 Data File : VN064390.D
 Acq On : 30 Oct 2020 11:03
 Operator : JC/MD
 Sample : VN1030MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030MBL01

Quant Time: Oct 30 14:35:47 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	209416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	369472	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	360771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	144311	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	169503	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
35) Dibromofluoromethane	7.54	113	121451	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	
50) Toluene-d8	10.05	98	463058	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.37	95	182454	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	

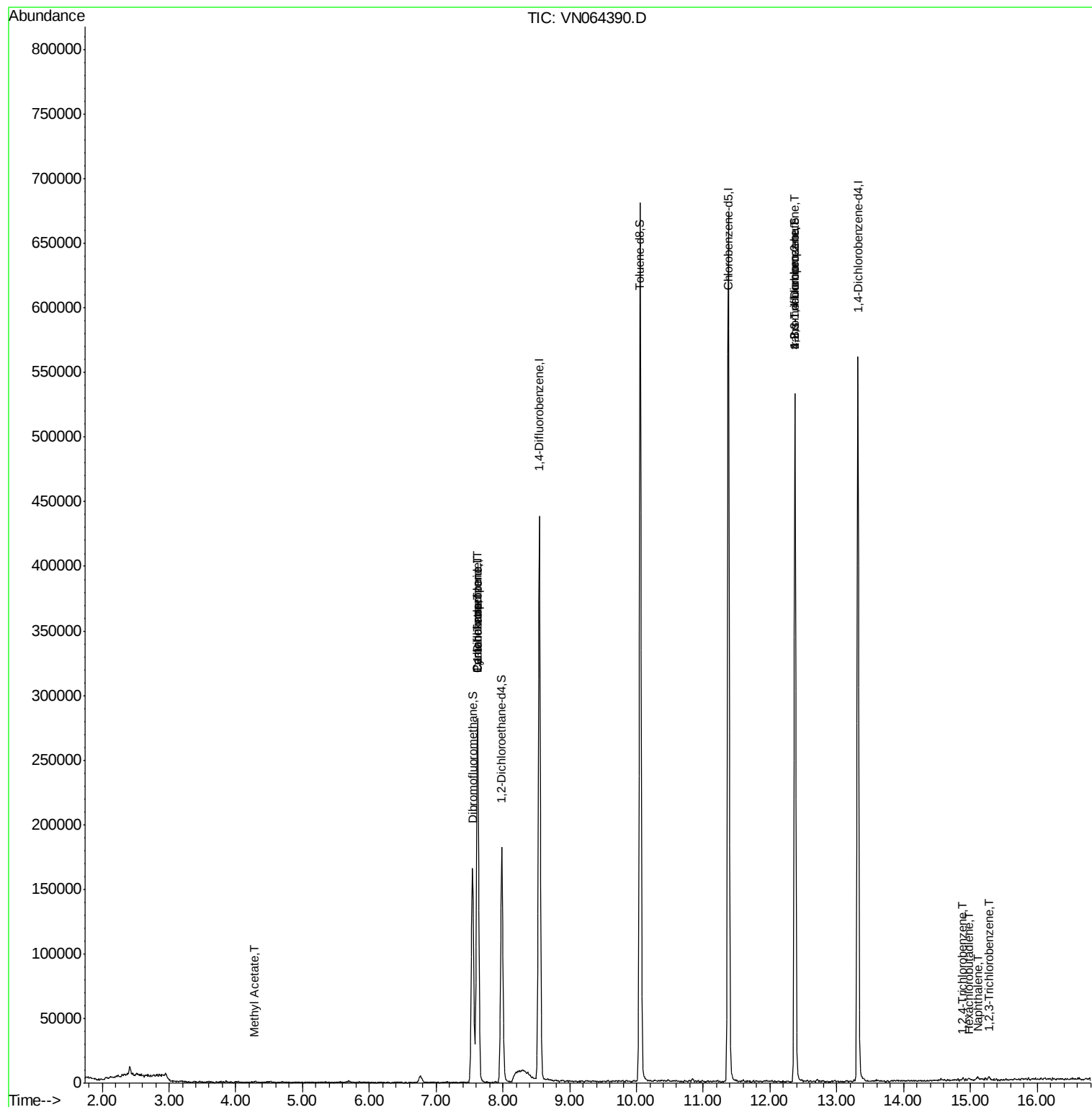
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.77	43	240	Below Cal	#	47
18) Methyl Acetate	4.28	43	1194	0.472	ug/l #	61
31) Cyclohexane	7.62	56	5439	1.393	ug/l #	44
36) 1,1-Dichloropropene	7.62	75	19023	5.102	ug/l #	53
38) Carbon Tetrachloride	7.61	117	22378	5.177	ug/l #	21
76) 1,2,3-Trichloropropane	12.37	75	104305	30.182	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	104305	86.940	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.87	180	198	2.090	ug/l #	1
94) Hexachlorobutadiene	14.97	225	364	0.257	ug/l #	44
95) Naphthalene	15.10	128	3114	2.756	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.29	180	906	2.522	ug/l	92

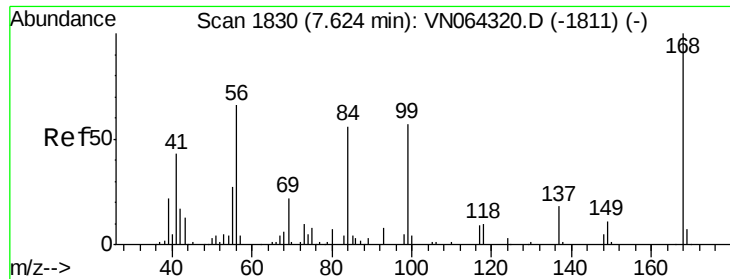
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN103020\
Data File : VN064390.D
Acq On : 30 Oct 2020 11:03
Operator : JC/MD
Sample : VN1030MBL01
Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1030MBL01

Quant Time: Oct 30 14:35:47 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# 1829

Delta R.T. -0.00 min

Lab File: VN064390.D

Acq: 30 Oct 2020 11:03

Instrument :

MSVOA_N

ClientSampleId :

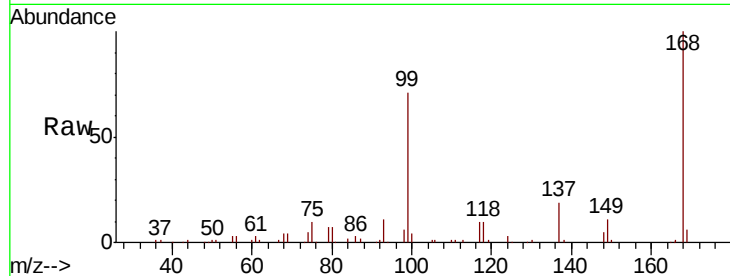
VN1030MBL01

Tot Ion:168 Resp: 209416

Ion Ratio Lower Upper

168 100

99 70.9 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

80000

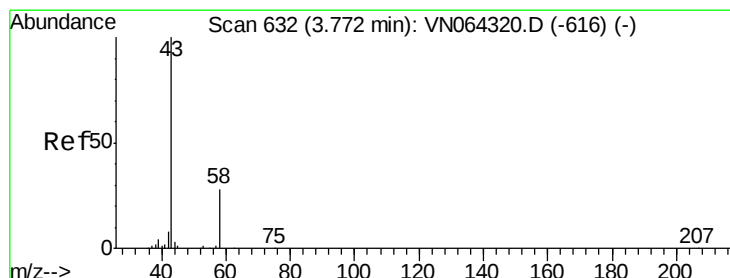
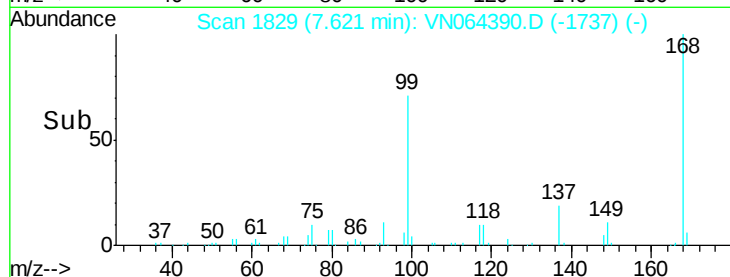
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: Below Cal

RT: 3.77 min Scan# 630

Delta R.T. -0.01 min

Lab File: VN064390.D

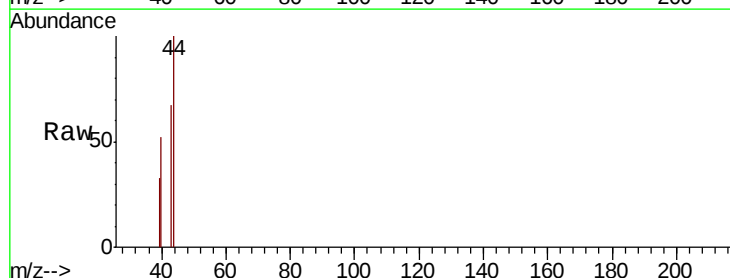
Acq: 30 Oct 2020 11:03

Tgt Ion: 43 Resp: 240

Ion Ratio Lower Upper

43 100

58 0.0 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VN064320.D (-616) (-)

Ion 58.00 (57.70 to 58.70): VN064320.D (-616) (-)

3.77

400

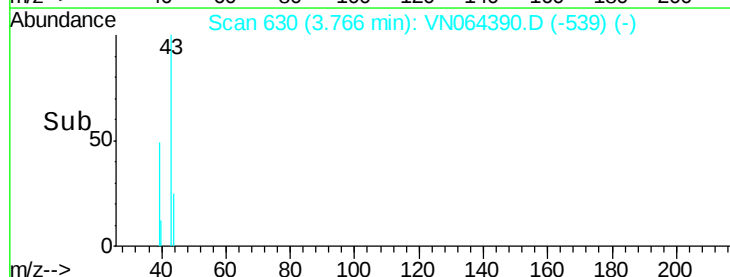
300

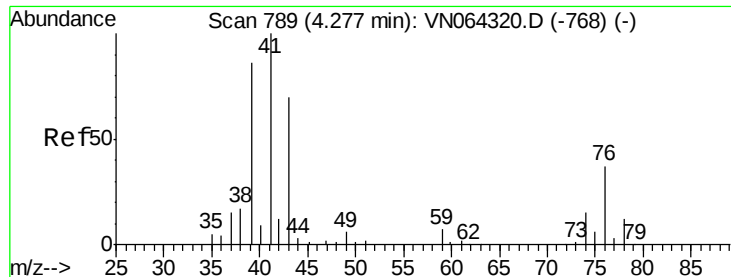
200

100

0

Time--> 3.75 3.76 3.77 3.78

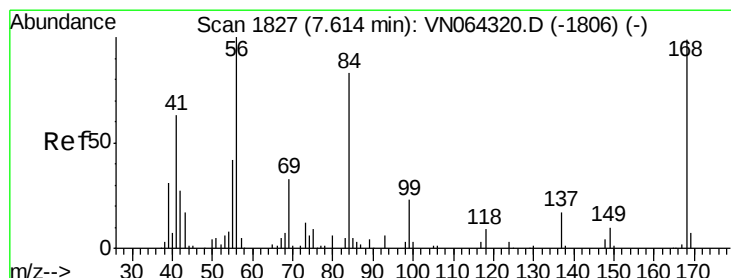
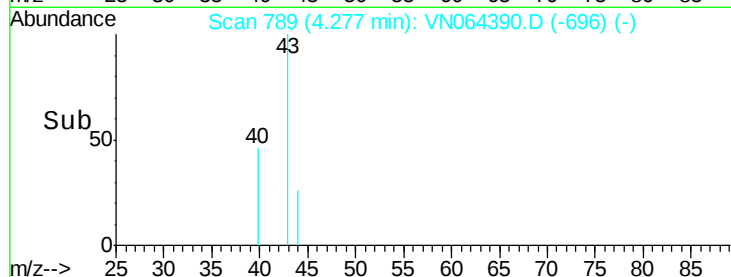
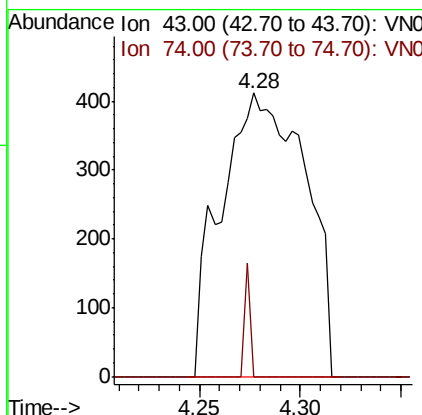
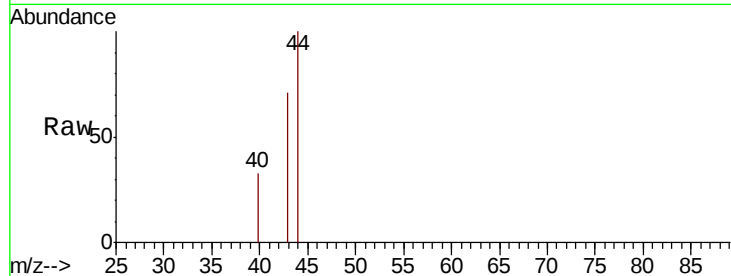




#18
Methvl Acetate
Concen: 0.472 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064390.D
Acq: 30 Oct 2020 11:03

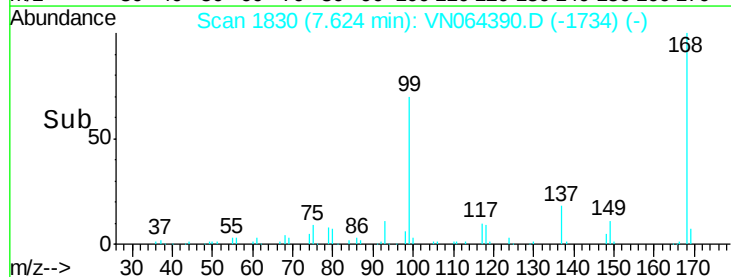
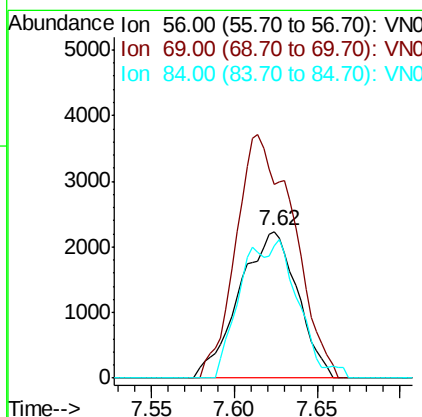
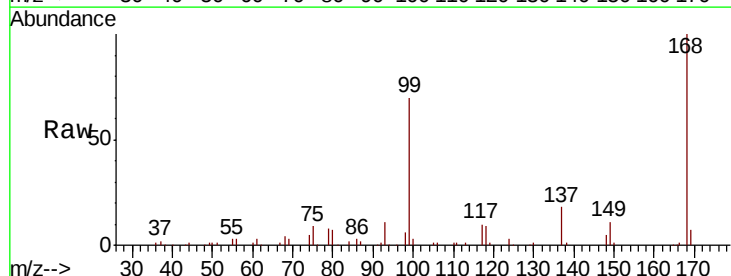
Instrument :
MSVOA_N
ClientSampleId :
VN1030MBL01

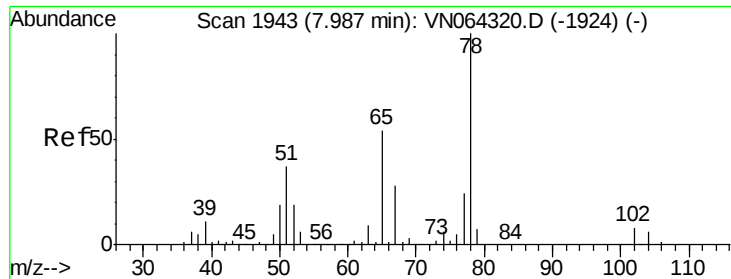
Tot Ion: 43 Resp: 1194
Ion Ratio Lower Upper
43 100
74 2.7 16.7 25.1#



#31
Cyclohexane
Concen: 1.393 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN064390.D
Acq: 30 Oct 2020 11:03

Tgt Ion: 56 Resp: 5439
Ion Ratio Lower Upper
56 100
69 132.0 25.8 38.8#
84 90.1 66.3 99.5





#33

1,2-Dichloroethane-d4

Concen: 50.368 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064390.D

Acq: 30 Oct 2020 11:03

Instrument :

MSVOA_N

ClientSampleId :

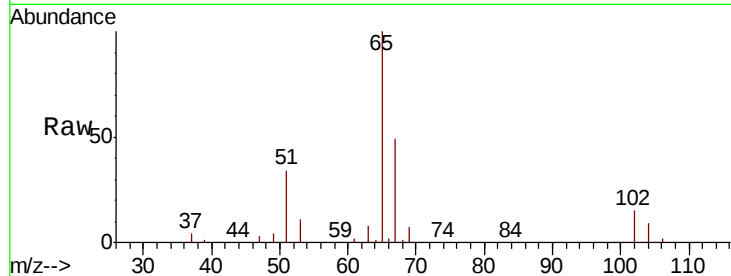
VN1030MBL01

Tot Ion: 65 Resp: 169503

Ion Ratio Lower Upper

65 100

67 49.2 0.0 99.2



Abundance Ion 64.90 (64.60 to 65.60): VN064320.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN064320.D (-1924) (-)

7.98

80000

60000

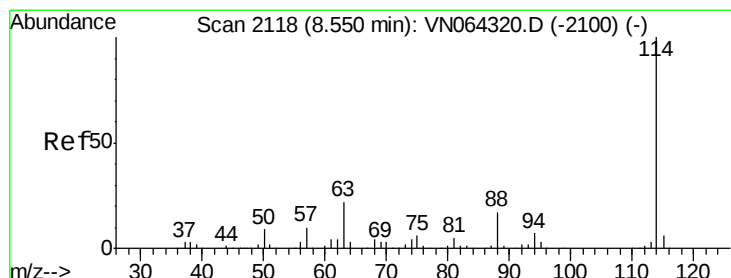
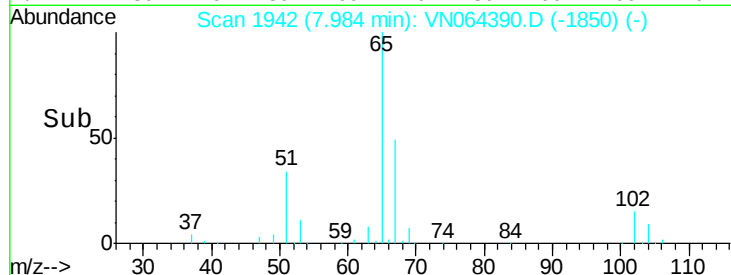
40000

20000

0

7.90 7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN064390.D

Acq: 30 Oct 2020 11:03

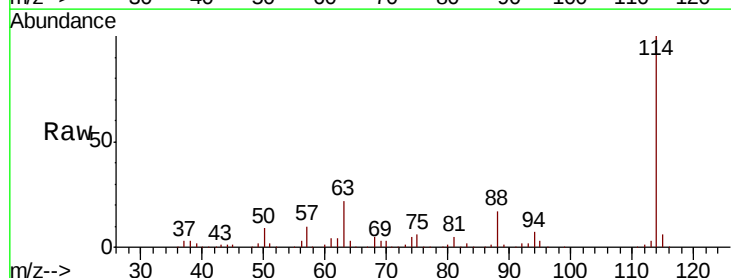
Tgt Ion: 114 Resp: 369472

Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.6

88 17.1 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): VN064320.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN064320.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN064320.D (-2100) (-)

8.55

200000

150000

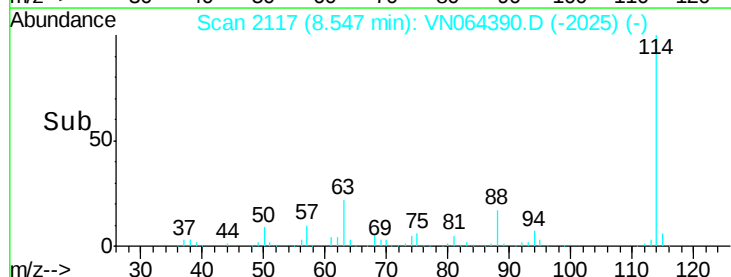
100000

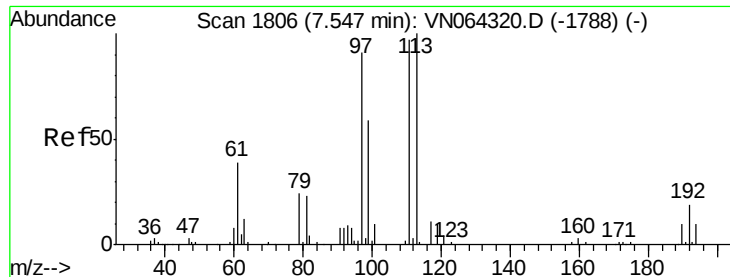
50000

0

8.45 8.50 8.55 8.60 8.65

Time-->

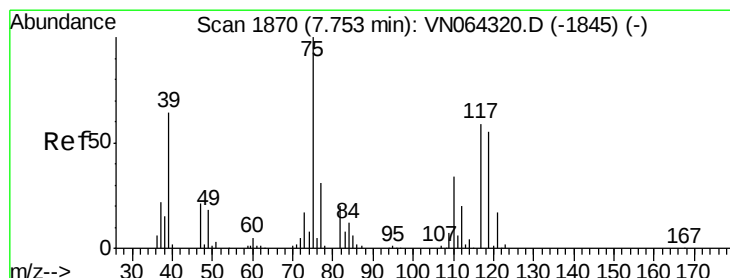
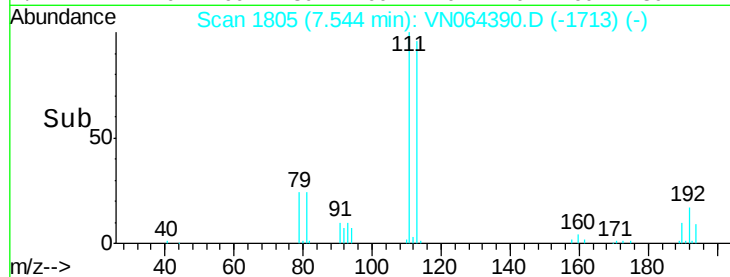
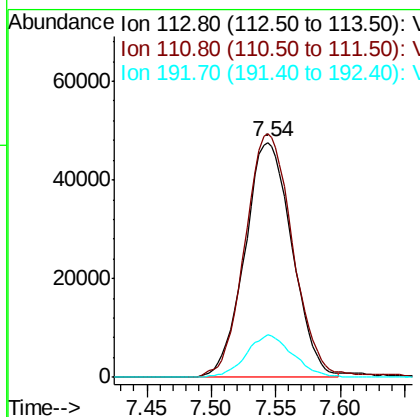
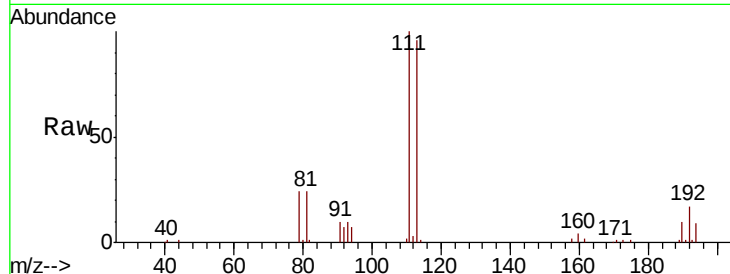




#35
 Dibromofluoromethane
 Concen: 49.292 ug/l
 RT: 7.54 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN064390.D
 Acq: 30 Oct 2020 11:03

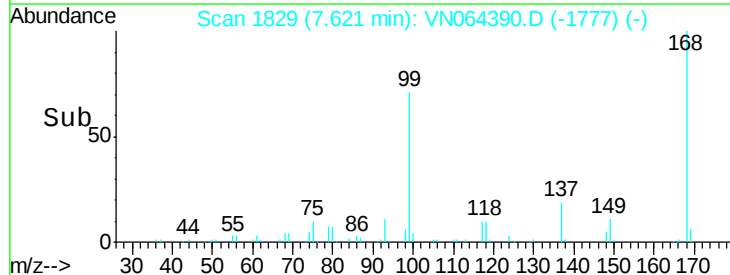
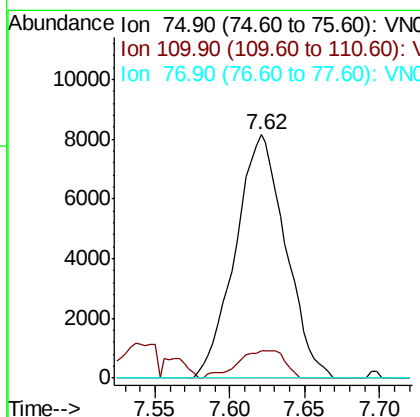
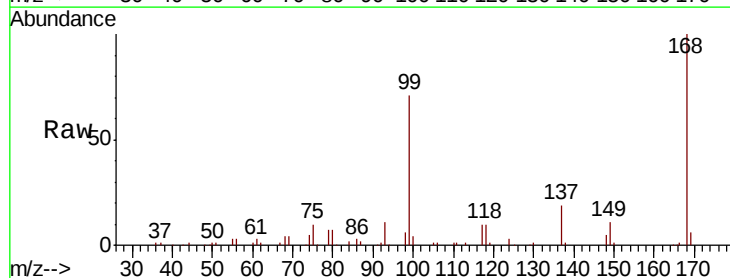
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030MBL01

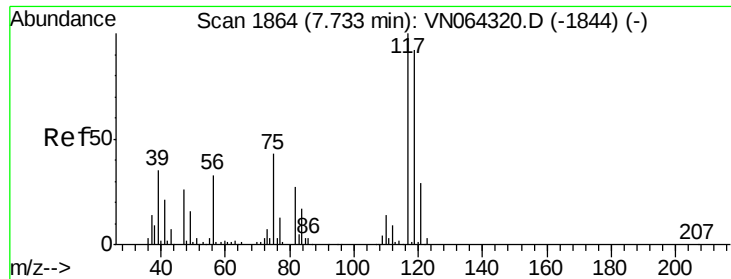
Tot Ion:113 Resp: 121451
 Ion Ratio Lower Upper
 113 100
 111 104.5 81.5 122.3
 192 17.9 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 5.102 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.13 min
 Lab File: VN064390.D
 Acq: 30 Oct 2020 11:03

Tgt Ion: 75 Resp: 19023
 Ion Ratio Lower Upper
 75 100
 110 10.7 16.8 50.3#
 77 0.0 24.2 36.4#

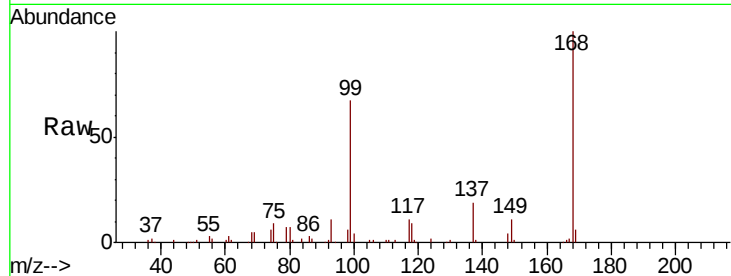




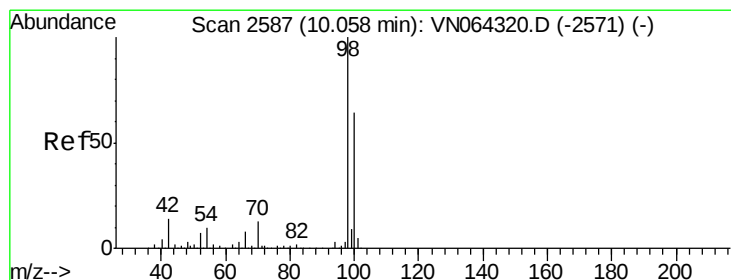
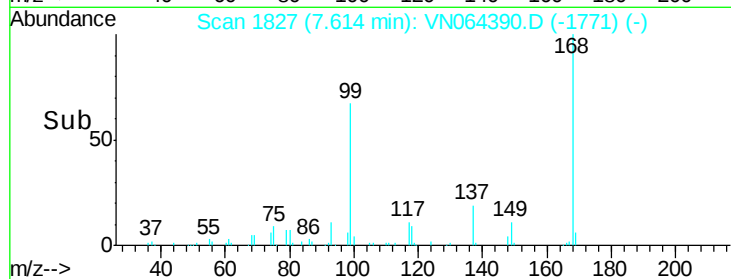
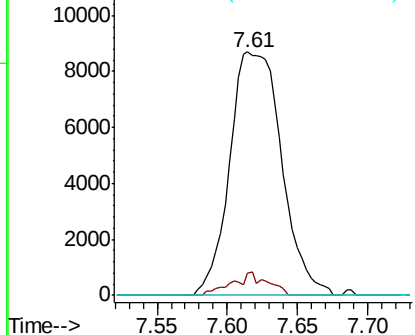
#38
Carbon Tetrachloride
Concen: 5.177 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.12 min
Lab File: VN064390.D
Acq: 30 Oct 2020 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN1030MBL01

Tot Ion:117 Resp: 22378
Ion Ratio Lower Upper
117 100
119 9.0 73.7 110.5#
121 0.0 22.8 34.2#

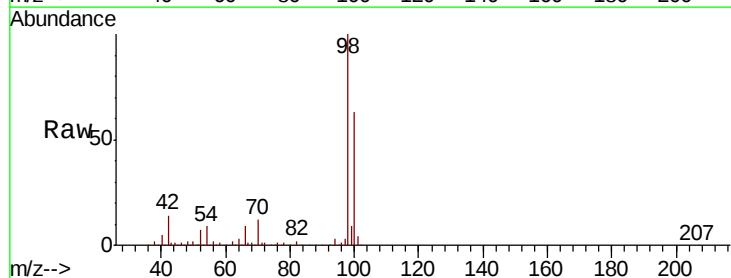


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

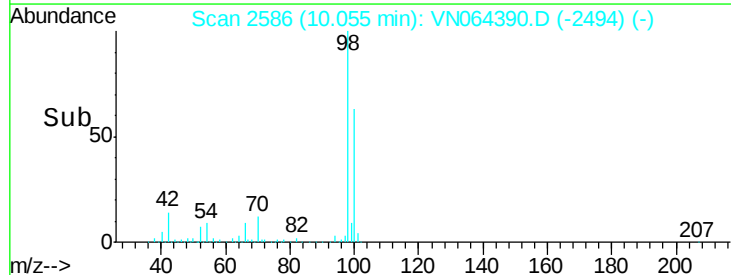
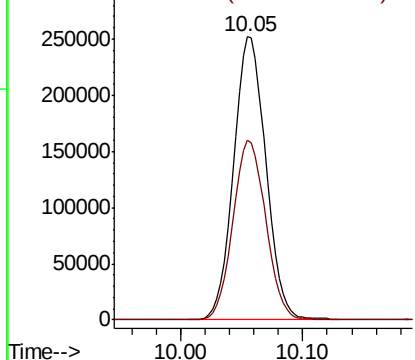


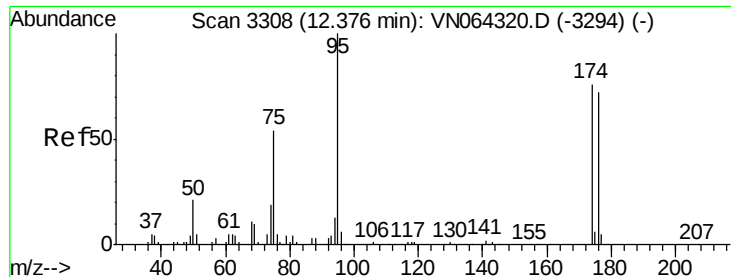
#50
Toluene-d8
Concen: 50.809 ug/l
RT: 10.05 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN064390.D
Acq: 30 Oct 2020 11:03

Tgt Ion: 98 Resp: 463058
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3



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





#62

4-Bromofluorobenzene

Concen: 51.347 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064390.D

Acq: 30 Oct 2020 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN1030MBL01

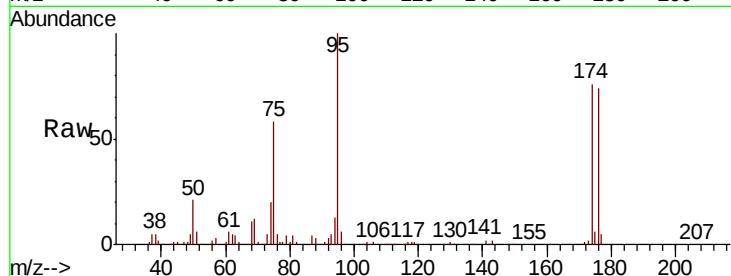
Tot Ion: 95 Resp: 182454

Ion Ratio Lower Upper

95 100

174 75.0 0.0 147.4

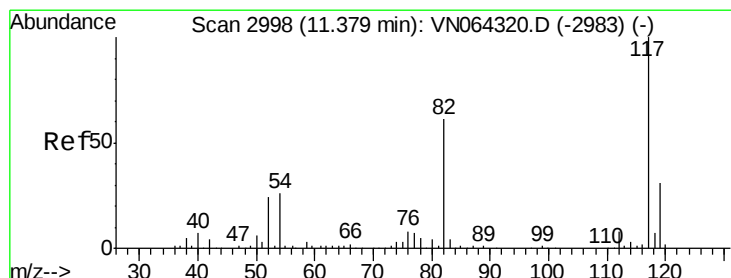
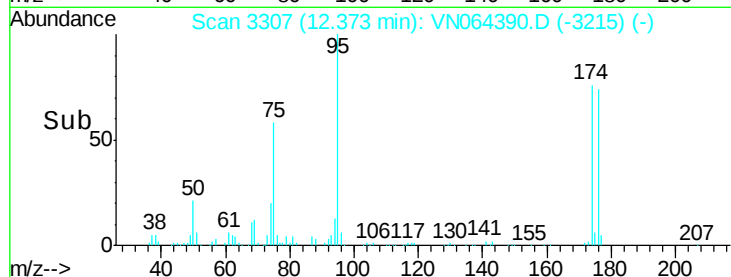
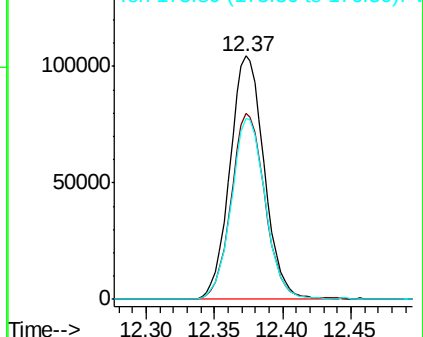
176 73.3 0.0 143.6



Abundance Ion 94.90 (94.60 to 95.60): VN064320.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN064320.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN064320.D (-3294) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN064390.D

Acq: 30 Oct 2020 11:03

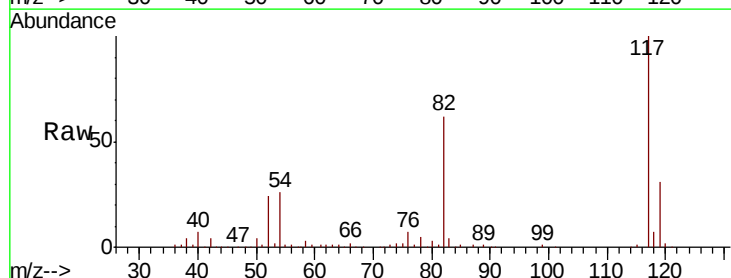
Tgt Ion: 117 Resp: 360771

Ion Ratio Lower Upper

117 100

82 61.7 48.8 73.2

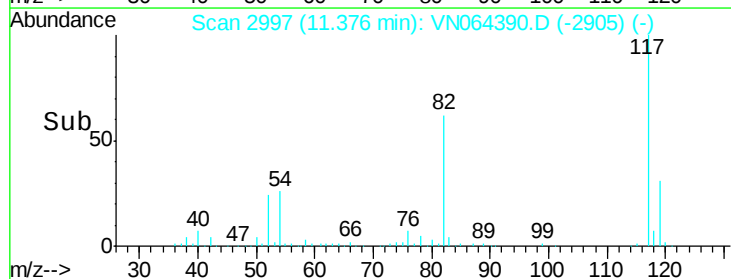
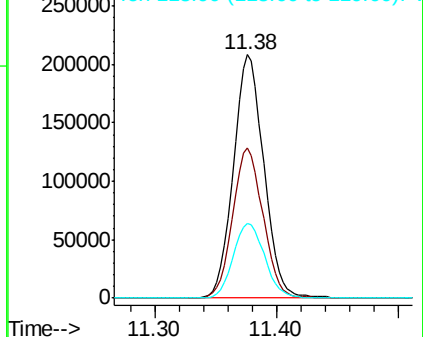
119 30.5 25.1 37.7

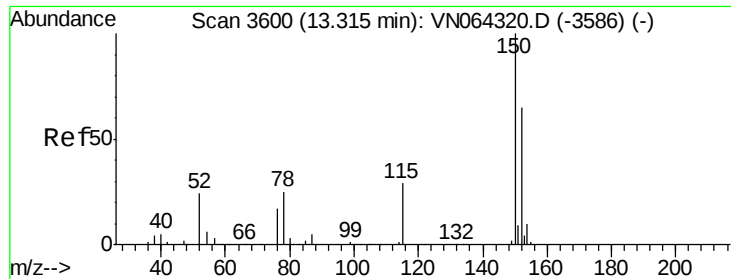


Abundance Ion 116.90 (116.60 to 117.60): VN064320.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN064320.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN064320.D (-2983) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064390.D

Acq: 30 Oct 2020 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN1030MBL01

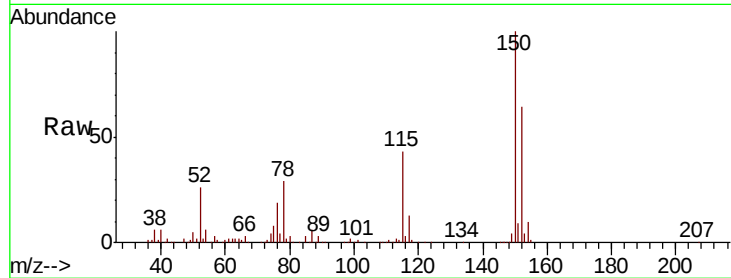
Tot Ion:152 Resp: 144311

Ion Ratio Lower Upper

152 100

115 63.7 31.5 94.5

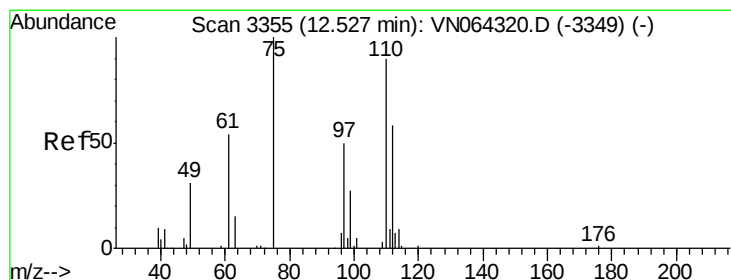
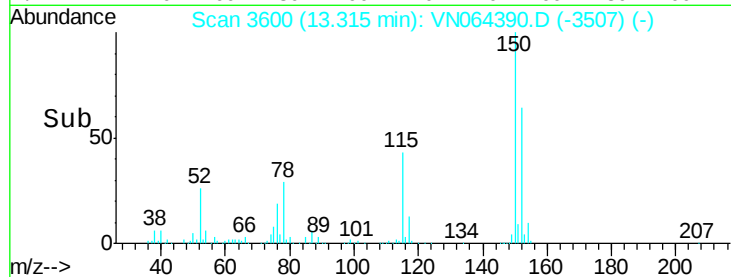
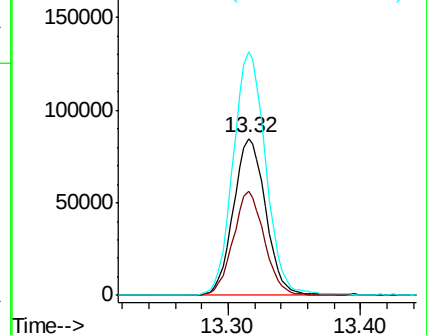
150 155.6 0.0 346.2



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: 30.182 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN064390.D

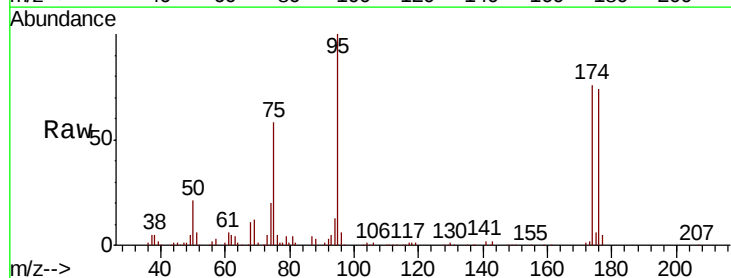
Acq: 30 Oct 2020 11:03

Tgt Ion: 75 Resp: 104305

Ion Ratio Lower Upper

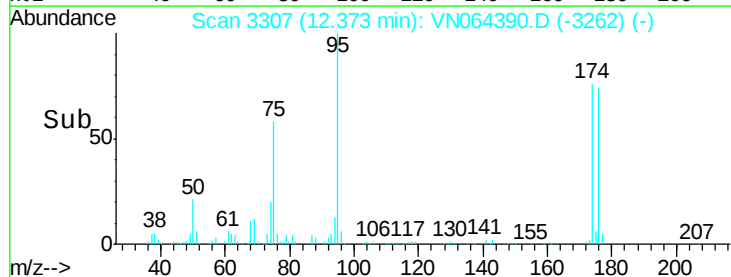
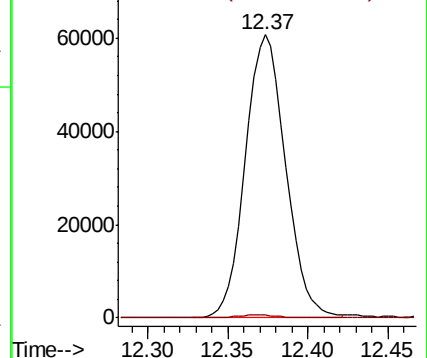
75 100

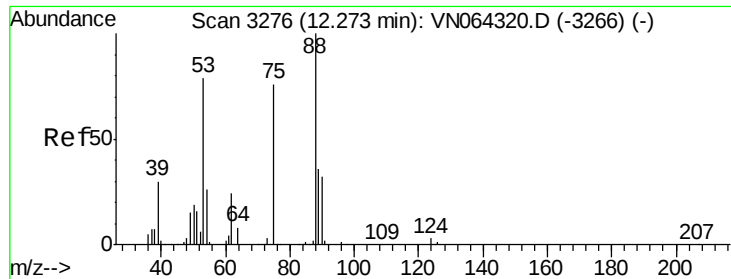
77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

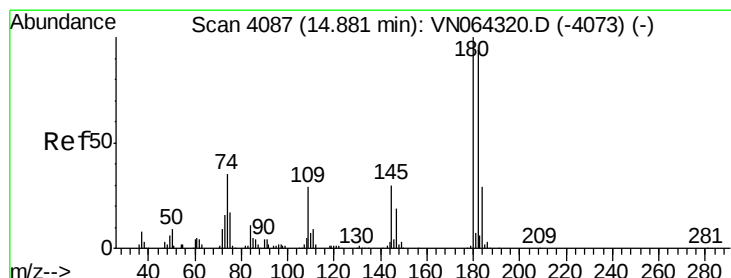
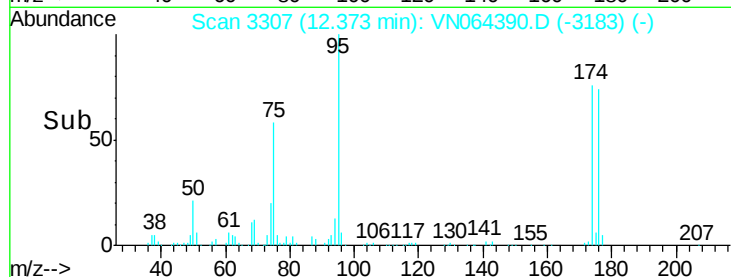
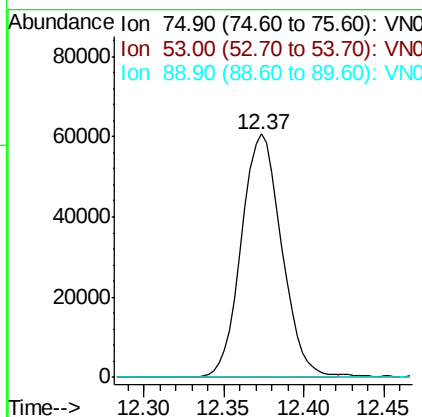
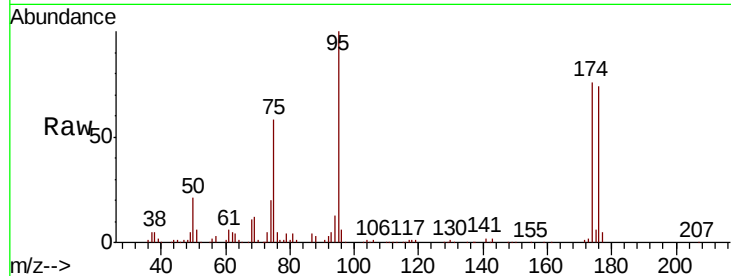




#81
trans-1,4-Dichloro-2-butene
Concen: 86.940 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. 0.10 min
Lab File: VN064390.D
Acq: 30 Oct 2020 11:03

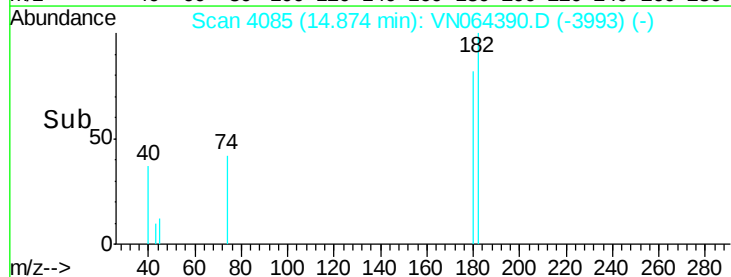
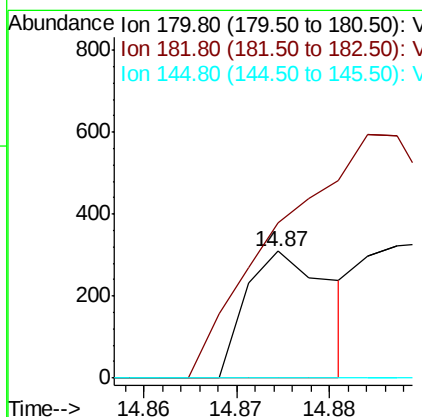
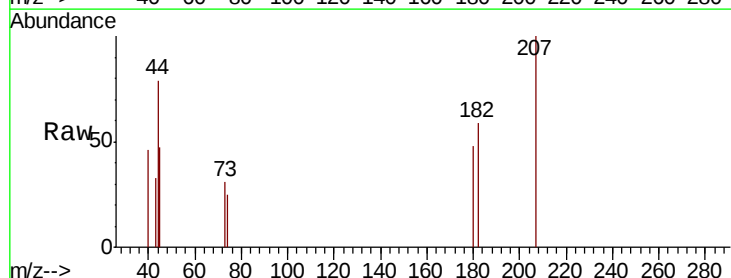
Instrument :
MSVOA_N
ClientSampleId :
VN1030MBL01

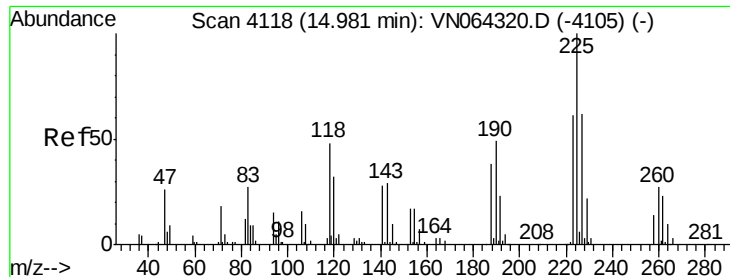
Tot Ion: 75 Resp: 104305
Ion Ratio Lower Upper
75 100
53 0.0 81.8 122.8#
89 0.0 39.9 59.9#



#93
1,2,4-Trichlorobenzene
Concen: 2.090 ug/l
RT: 14.87 min Scan# 4085
Delta R.T. -0.01 min
Lab File: VN064390.D
Acq: 30 Oct 2020 11:03

Tgt Ion: 180 Resp: 198
Ion Ratio Lower Upper
180 100
182 448.0 46.6 139.7#
145 0.0 15.3 45.9#





#94

Hexachlorobutadiene

Concen: 0.257 ug/l

RT: 14.97 min Scan# 4115

Delta R.T. -0.01 min

Lab File: VN064390.D

Acq: 30 Oct 2020 11:03

Instrument :

MSVOA_N

ClientSampled :

VN1030MBL01

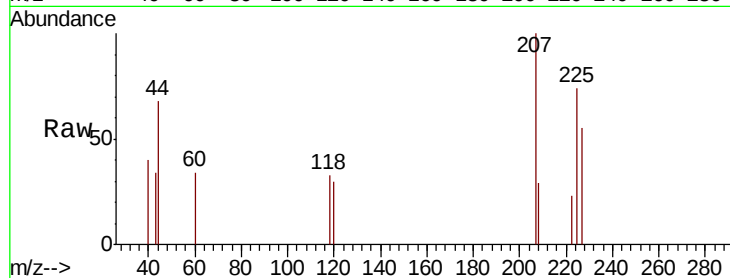
Tot Ion:225 Resp: 364

Ion Ratio Lower Upper

225 100

223 16.2 31.3 93.8#

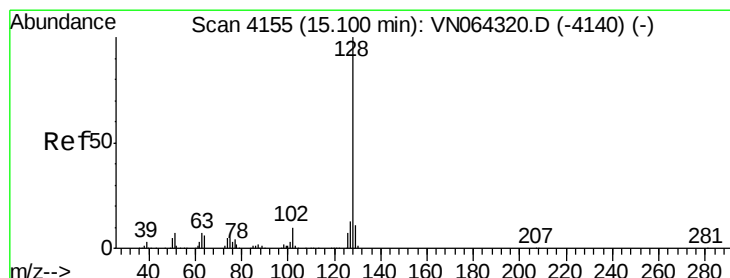
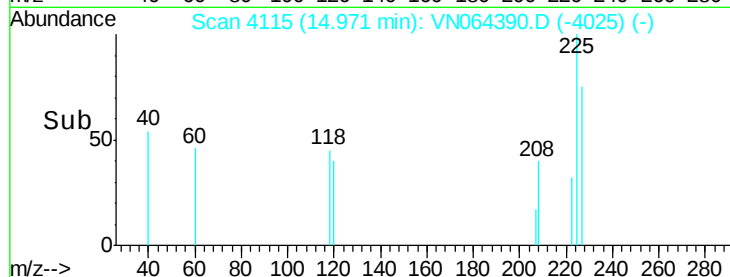
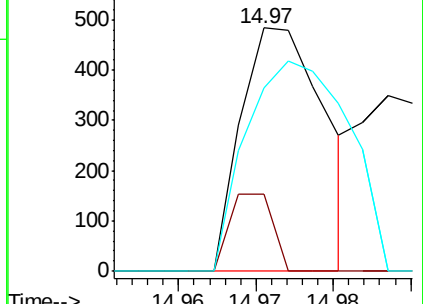
227 106.0 32.3 96.9#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 2.756 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064390.D

Acq: 30 Oct 2020 11:03

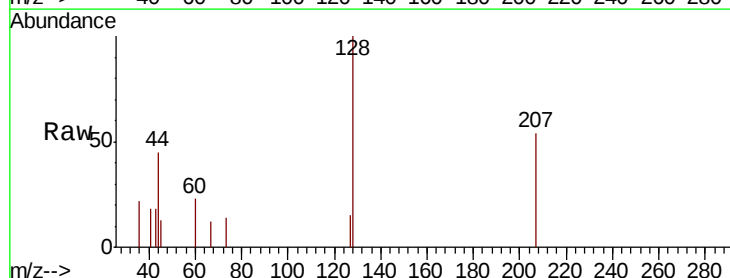
Tgt Ion:128 Resp: 3114

Ion Ratio Lower Upper

128 100

127 9.7 10.4 15.6#

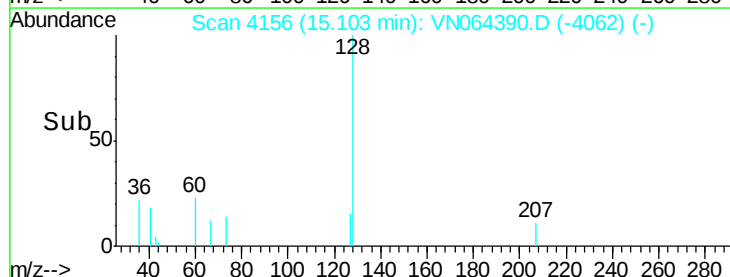
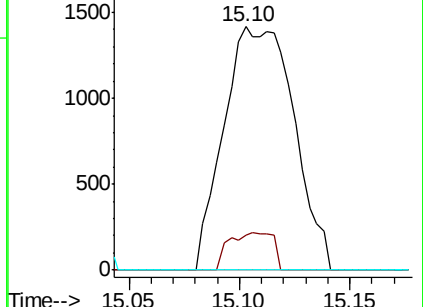
129 0.0 8.6 13.0#

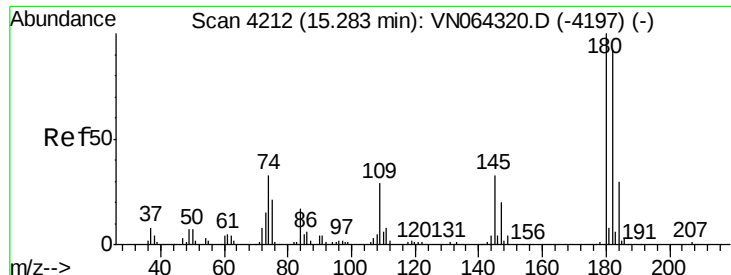


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 2.522 ug/l
 RT: 15.29 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN064390.D
 Acq: 30 Oct 2020 11:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030MBL01

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.9	46.1	138.3
145	17.9	16.2	48.5

