

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063476.D
 Acq On : 21 Sep 2020 11:12
 Operator : JC/MD
 Sample : VN0921MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921MBL01

Quant Time: Sep 22 02:22:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	258830	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	469371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	454931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190988	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	204327	46.38	ug/l	0.00
Spiked Amount			Recovery	=	92.76%	
35) Dibromofluoromethane	7.54	113	150160	46.21	ug/l	0.00
Spiked Amount			Recovery	=	92.42%	
50) Toluene-d8	10.06	98	588907	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.37	95	229590	51.26	ug/l	0.00
Spiked Amount			Recovery	=	102.52%	

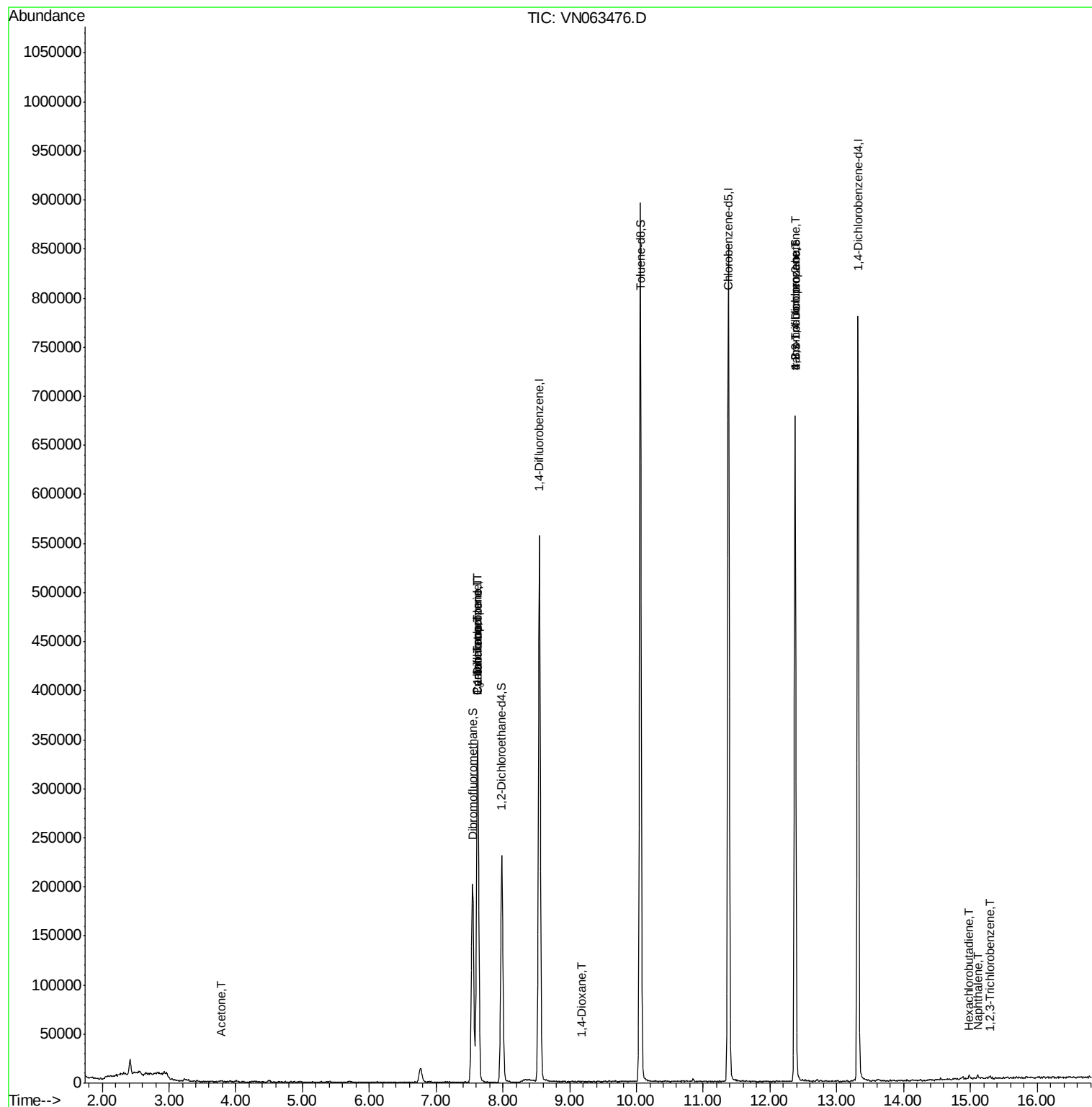
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	1443	1.019	ug/l #	68
31) Cyclohexane	7.62	56	7460	1.226	ug/l #	24
36) 1,1-Dichloropropene	7.62	75	25031	5.006	ug/l #	50
38) Carbon Tetrachloride	7.62	117	28386	5.561	ug/l #	17
49) 1,4-Dioxane	9.16	88	186	3.006	ug/l #	20
76) 1,2,3-Trichloropropane	12.37	75	129264	27.345	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	129264	74.969	ug/l #	7
94) Hexachlorobutadiene	14.99	225	536	0.351	ug/l	86
95) Naphthalene	15.10	128	3502	0.287	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.29	180	989	0.277	ug/l #	20

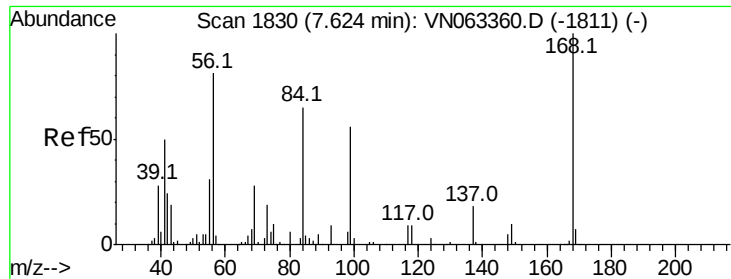
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092120\
Data File : VN063476.D
Acq On : 21 Sep 2020 11:12
Operator : JC/MD
Sample : VN0921MBL01
Misc : 5.00µL/10mL/100µL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0921MBL01

Quant Time: Sep 22 02:22:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 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: VN063476.D

Acq: 21 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampleId :

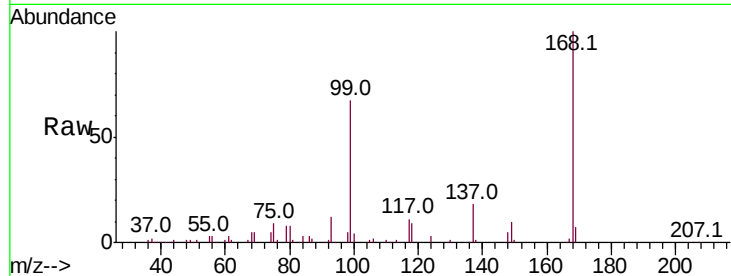
VN0921MBL01

Tot Ion:168 Resp: 258830

Ion Ratio Lower Upper

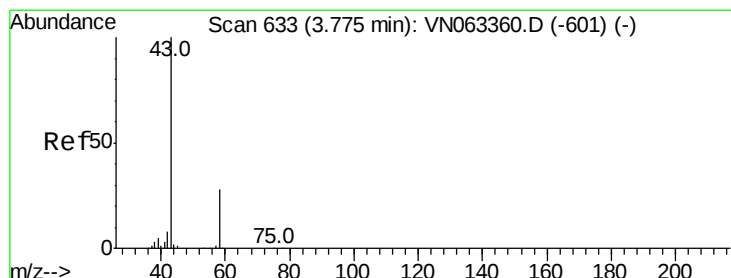
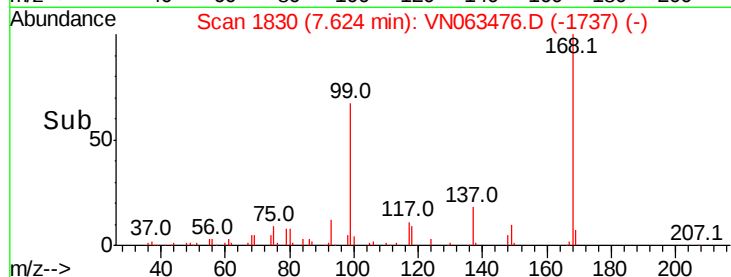
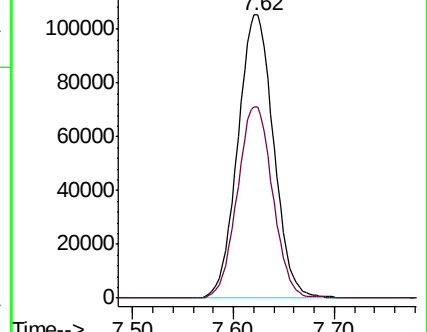
168 100

99 67.3 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 1.019 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063476.D

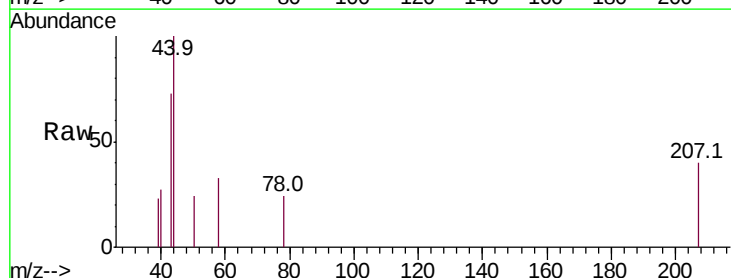
Acq: 21 Sep 2020 11:12

Tgt Ion: 43 Resp: 1443

Ion Ratio Lower Upper

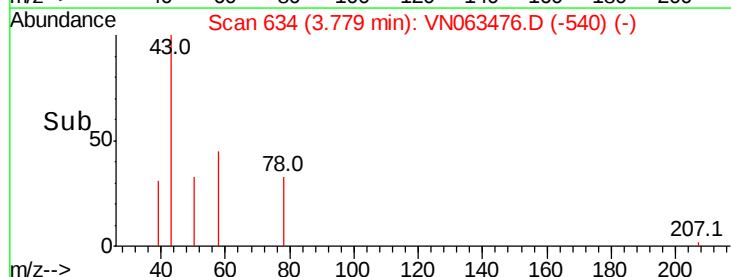
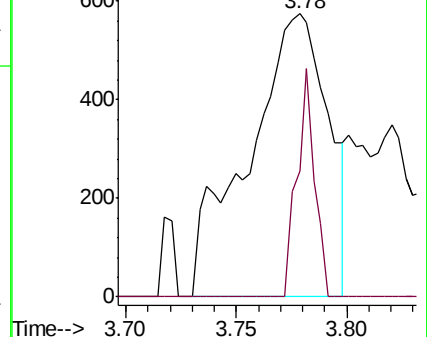
43 100

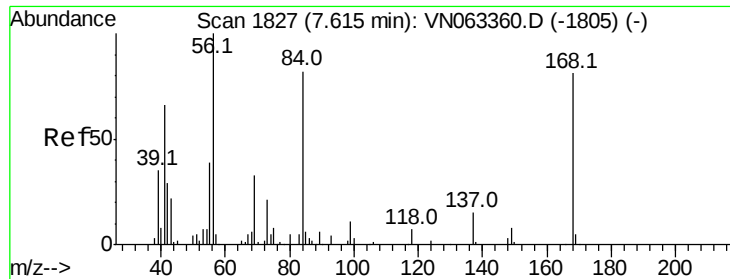
58 44.6 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

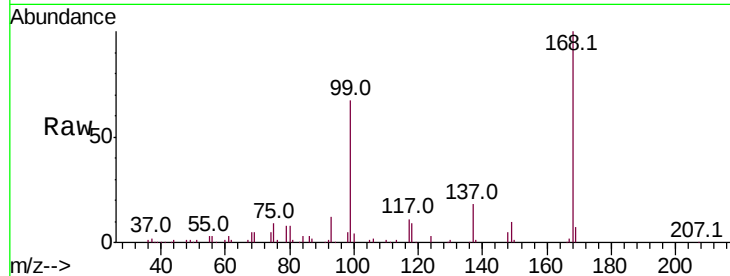




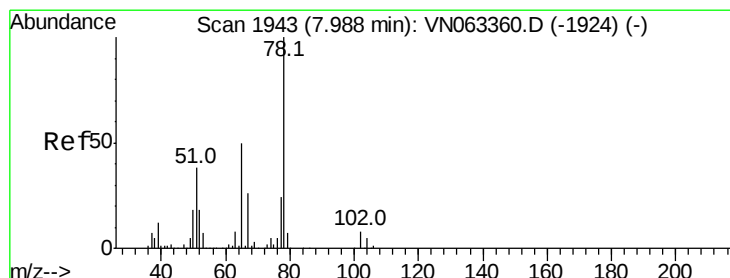
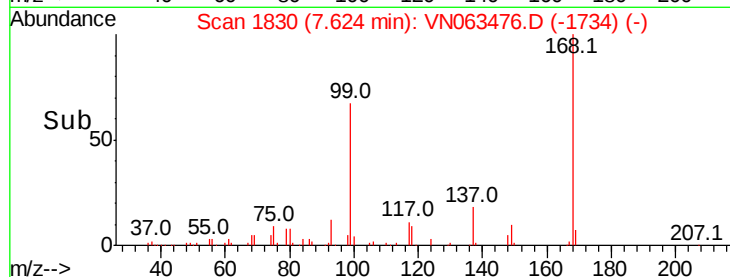
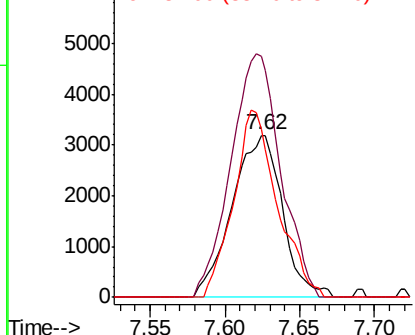
#31
Cyclohexane
Concen: 1.226 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN063476.D
Acq: 21 Sep 2020 11:12

Instrument :
MSVOA_N
ClientSampleId :
VN0921MBL01

Tot Ion: 56 Resp: 7460
Ion Ratio Lower Upper
56 100
69 148.6 26.1 39.1#
84 103.8 65.4 98.2#

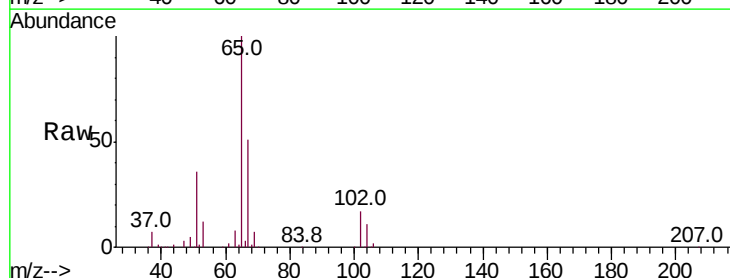


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

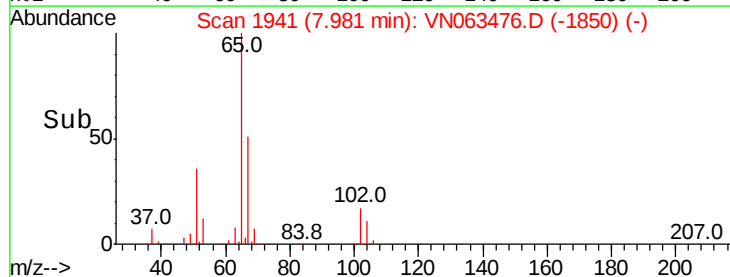
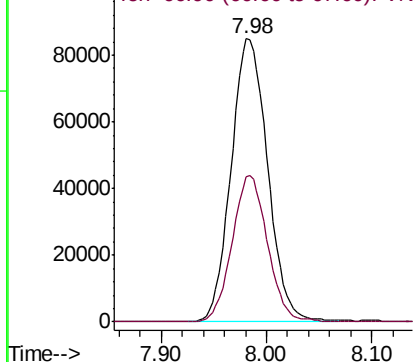


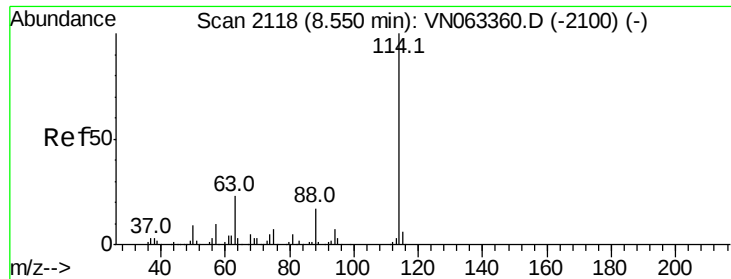
#33
1,2-Dichloroethane-d4
Concen: 46.375 ug/l
RT: 7.98 min Scan# 1941
Delta R.T. -0.01 min
Lab File: VN063476.D
Acq: 21 Sep 2020 11:12

Tgt Ion: 65 Resp: 204327
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.2



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

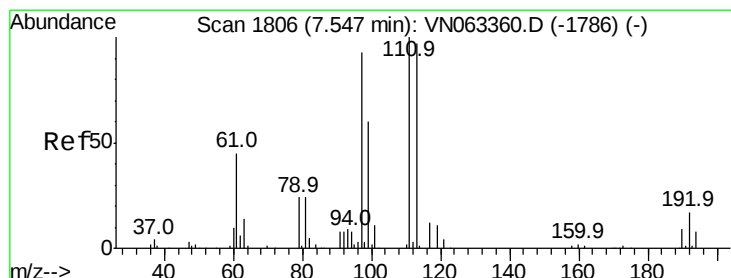
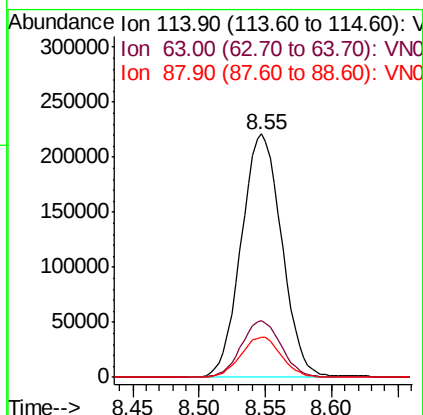
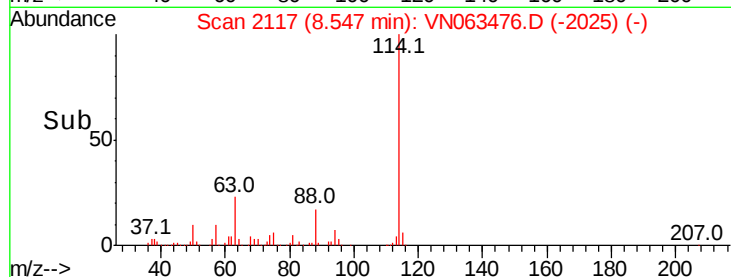
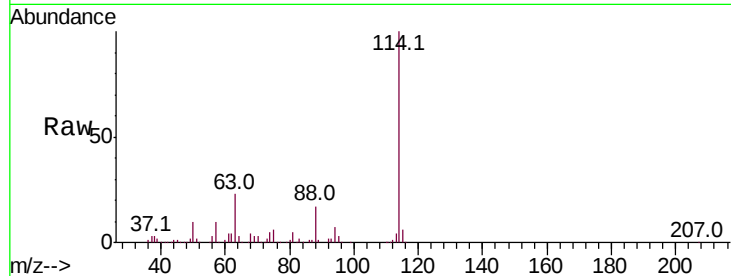




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2117
Delta R.T. -0.00 min
Lab File: VN063476.D
Acq: 21 Sep 2020 11:12

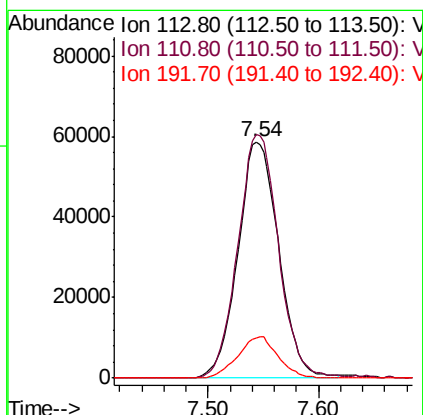
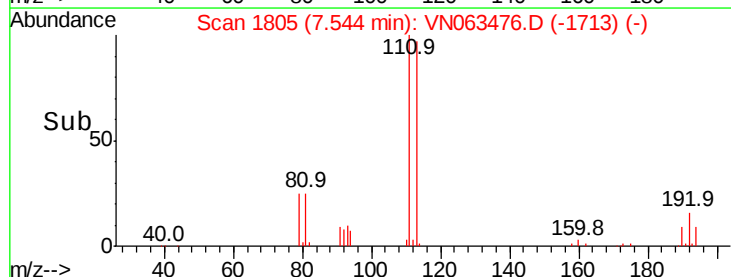
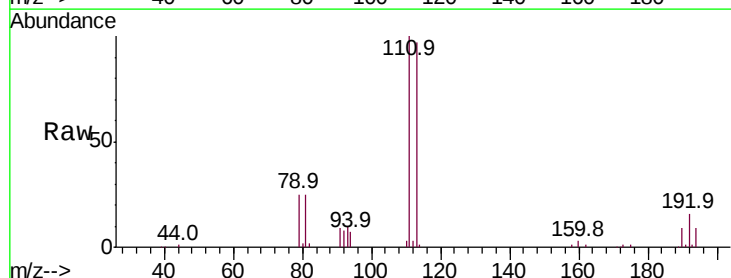
Instrument :
MSVOA_N
ClientSampleId :
VN0921MBL01

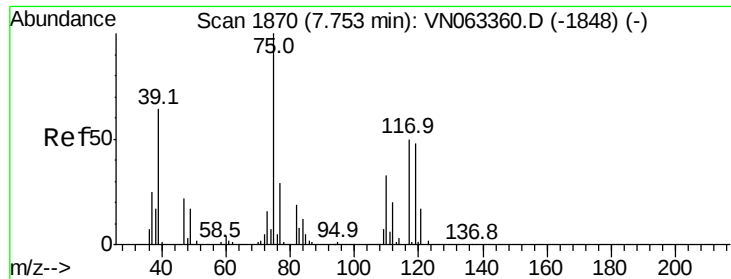
Tot Ion:114 Resp: 469371
Ion Ratio Lower Upper
114 100
63 23.3 0.0 46.4
88 16.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.212 ug/l
RT: 7.54 min Scan# 1805
Delta R.T. -0.00 min
Lab File: VN063476.D
Acq: 21 Sep 2020 11:12

Tgt Ion:113 Resp: 150160
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 17.2 13.9 20.9

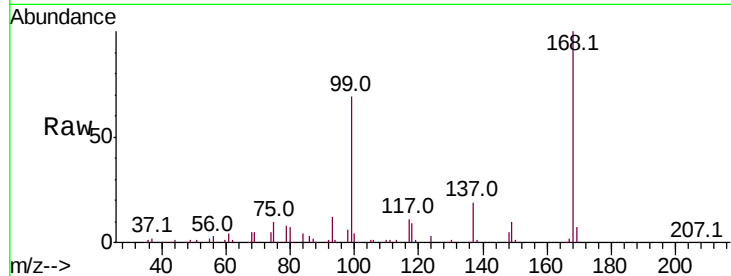




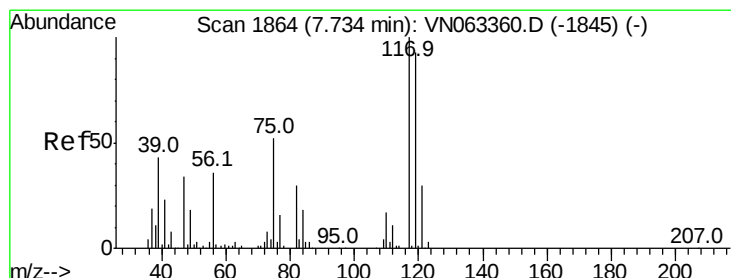
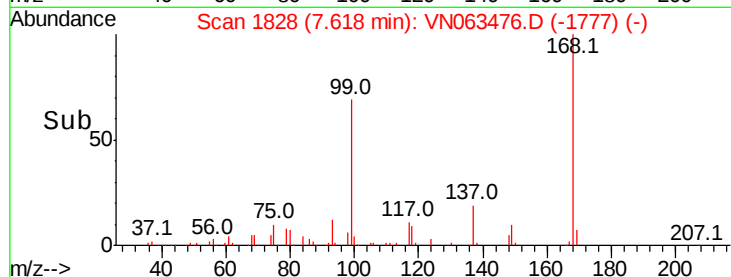
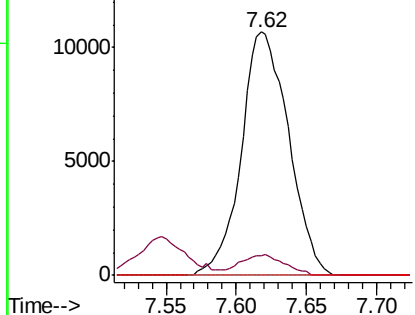
#36
 1,1-Dichloropropene
 Concen: 5.006 ug/l
 RT: 7.62 min Scan# 1828
 Delta R.T. -0.14 min
 Lab File: VN063476.D
 Acq: 21 Sep 2020 11:12

Instrument :
 MSVOA_N
 ClientSampled :
 VN0921MBL01

Tot Ion	Ratio	Lower	Upper
75	100		
110	7.9	16.5	49.5#
77	0.0	24.6	36.8#

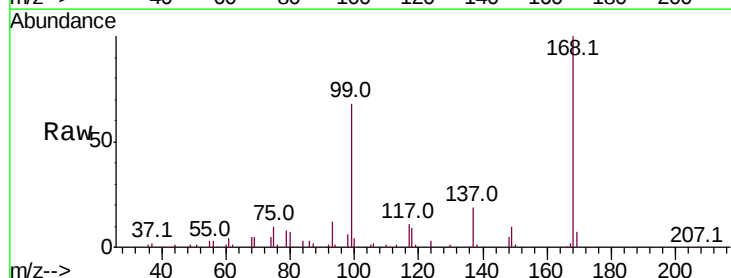


Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-1848) (-)
 Ion 109.90 (109.60 to 110.60): VN063360.D (-1848) (-)
 Ion 76.90 (76.60 to 77.60): VN063360.D (-1848) (-)

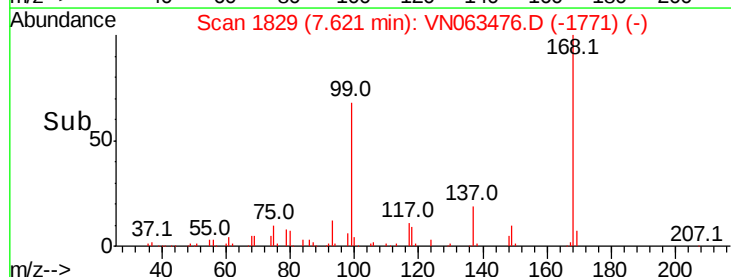
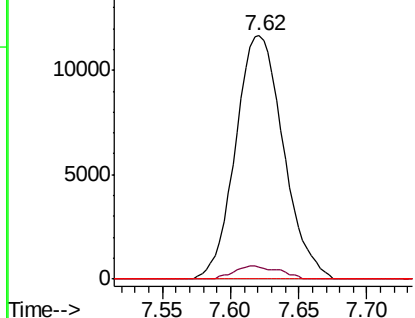


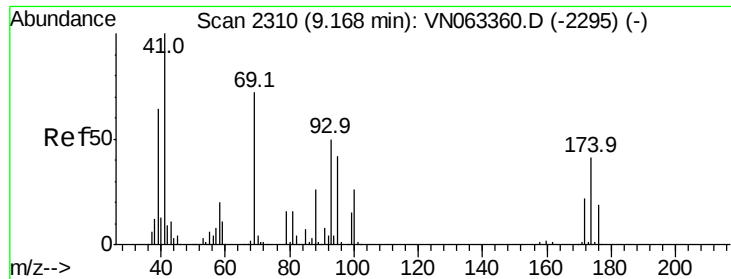
#38
 Carbon Tetrachloride
 Concen: 5.561 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.11 min
 Lab File: VN063476.D
 Acq: 21 Sep 2020 11:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	74.5	111.7#
121	0.0	24.1	36.1#



Abundance Ion 116.80 (116.50 to 117.50): VN063360.D (-1845) (-)
 Ion 118.80 (118.50 to 119.50): VN063360.D (-1845) (-)
 Ion 120.80 (120.50 to 121.50): VN063360.D (-1845) (-)





#49

1,4-Dioxane

Concen: 3.006 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063476.D

Acq: 21 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampleId :

VN0921MBL01

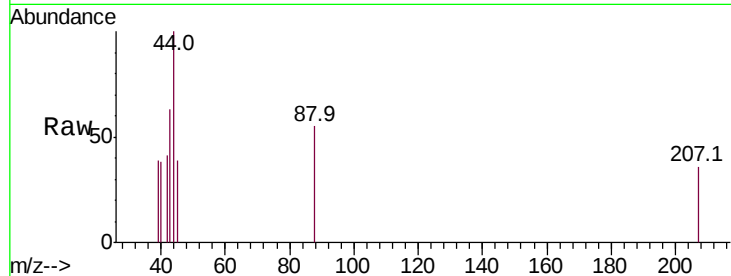
Tot Ion: 88 Resp: 186

Ion Ratio Lower Upper

88 100

43 0.0 32.6 49.0#

58 0.0 60.0 90.0#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

400

300

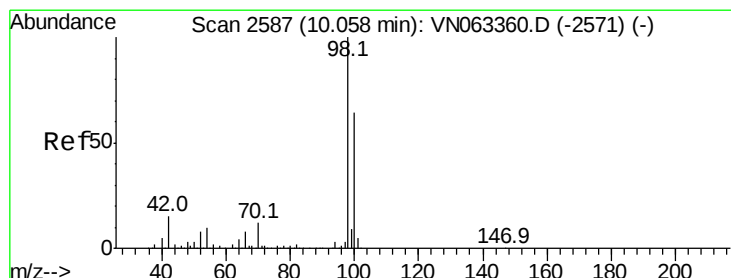
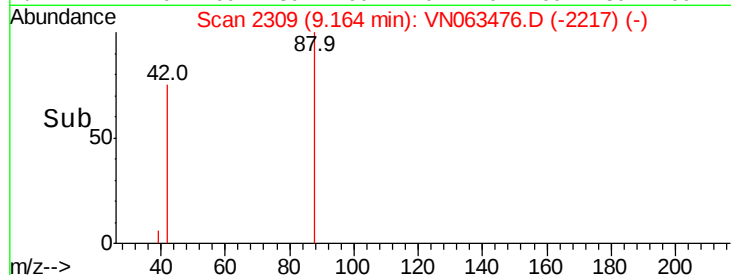
200

100

0

9.15 9.16 9.17 9.18

Time-->



#50

Toluene-d8

Concen: 48.199 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063476.D

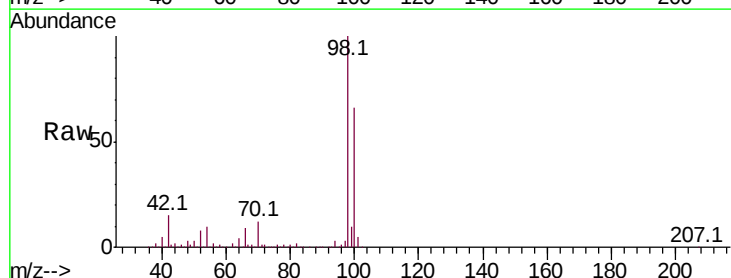
Acq: 21 Sep 2020 11:12

Tgt Ion: 98 Resp: 588907

Ion Ratio Lower Upper

98 100

100 64.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

300000

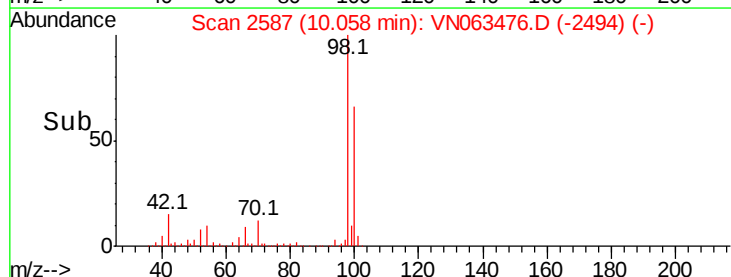
200000

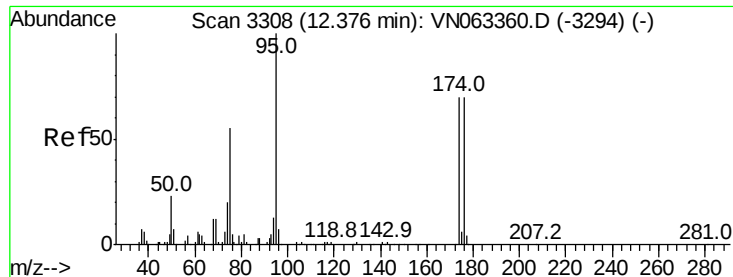
100000

0

10.00 10.06 10.10

Time-->





#62

4-Bromofluorobenzene

Concen: 51.260 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN063476.D

Acq: 21 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampleId :

VN0921MBL01

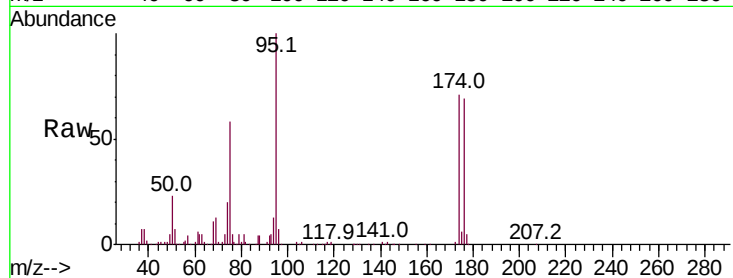
Tot Ion: 95 Resp: 229590

Ion Ratio Lower Upper

95 100

174 71.7 0.0 140.8

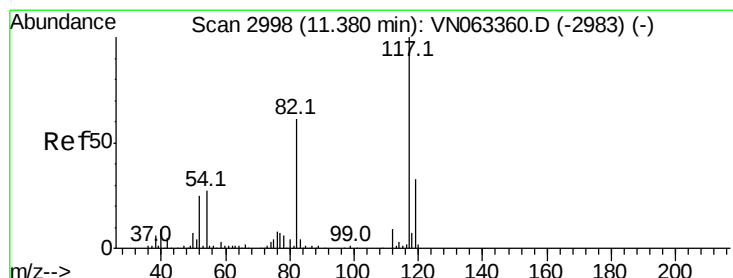
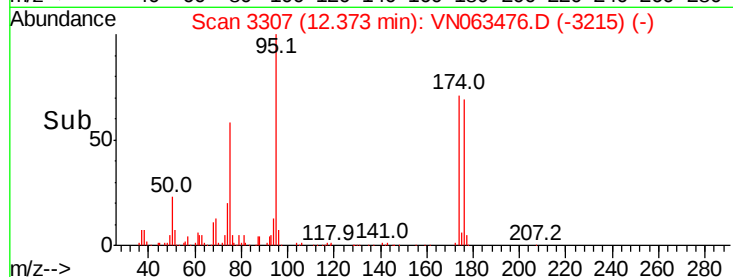
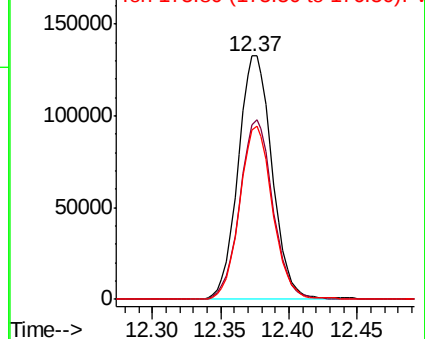
176 69.0 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063360.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063360.D (-3294) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063476.D

Acq: 21 Sep 2020 11:12

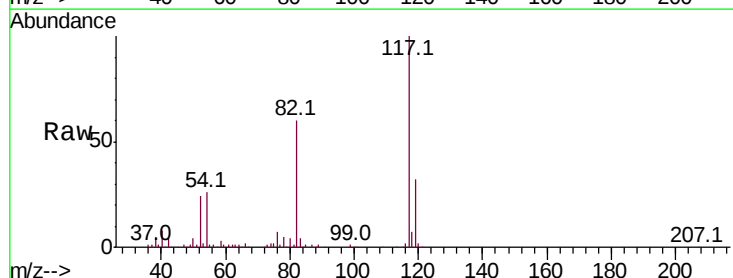
Tgt Ion: 117 Resp: 454931

Ion Ratio Lower Upper

117 100

82 60.5 49.2 73.8

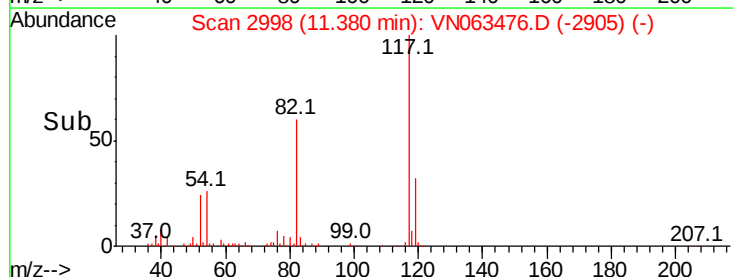
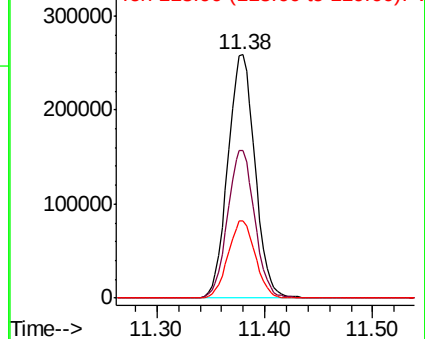
119 32.0 26.2 39.4

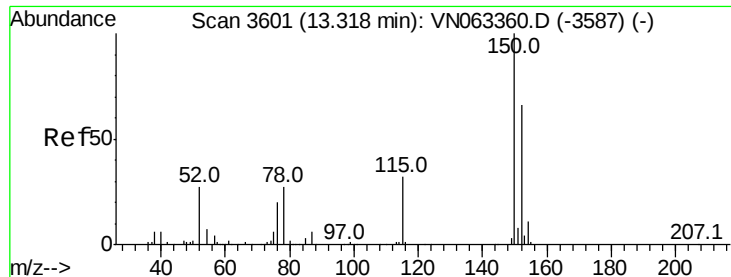


Abundance Ion 116.90 (116.60 to 117.60): VN063360.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063360.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063360.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: VN063476.D

Acq: 21 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampleId :

VN0921MBL01

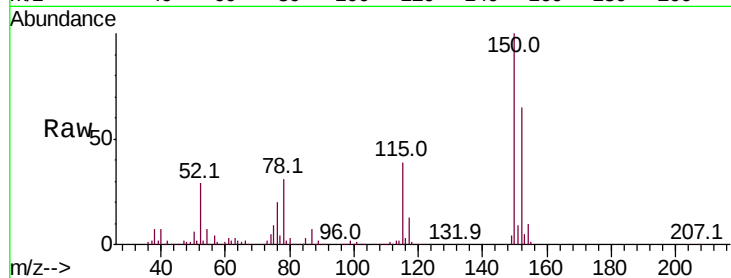
Tot Ion:152 Resp: 190988

Ion Ratio Lower Upper

152 100

115 62.0 32.2 96.6

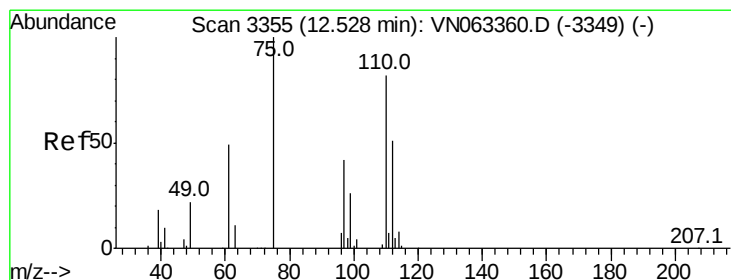
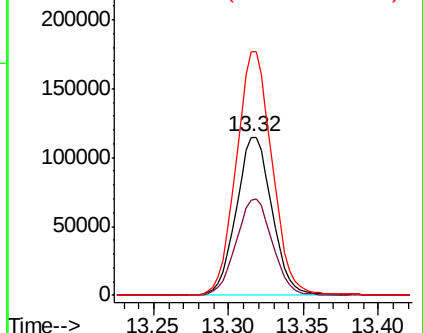
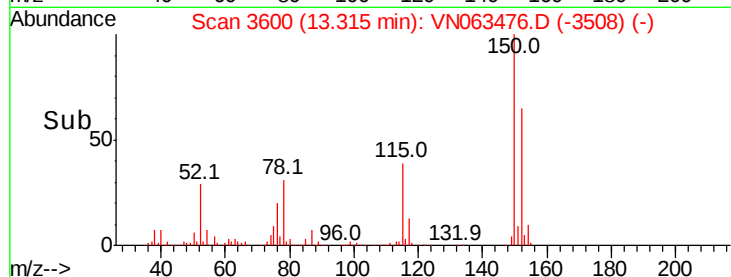
150 155.8 0.0 343.4



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: 27.345 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN063476.D

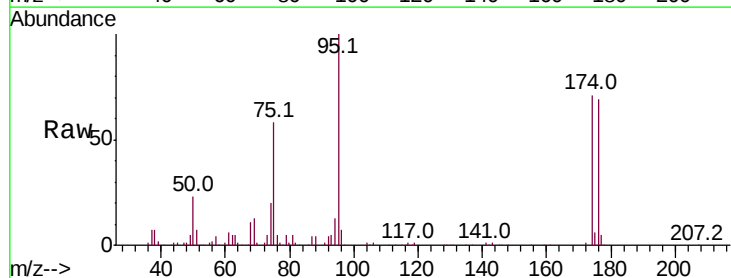
Acq: 21 Sep 2020 11:12

Tgt Ion: 75 Resp: 129264

Ion Ratio Lower Upper

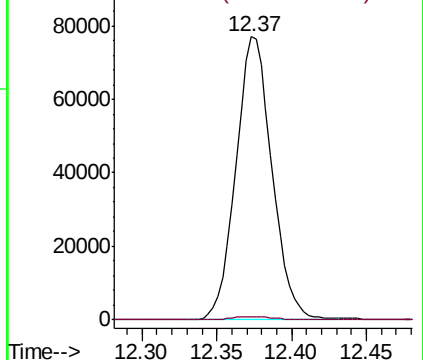
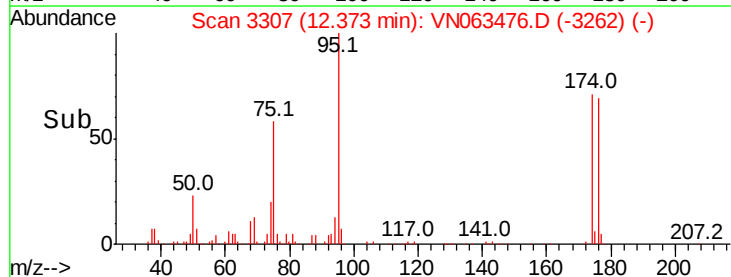
75 100

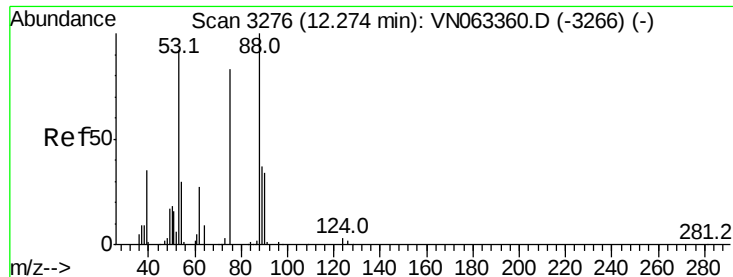
77 1.2 0.0 0.0#



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: 74.969 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN063476.D

Acq: 21 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampleId :

VN0921MBL01

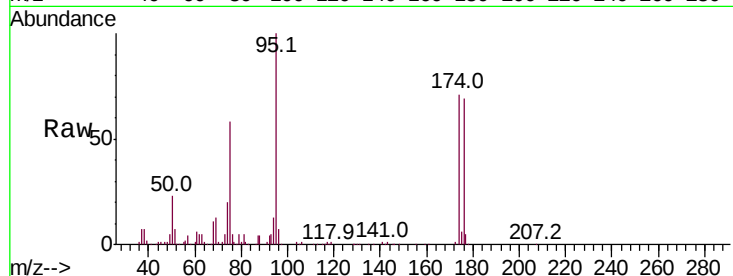
Tot Ion: 75 Resp: 129264

Ion Ratio Lower Upper

75 100

53 0.1 85.7 128.5#

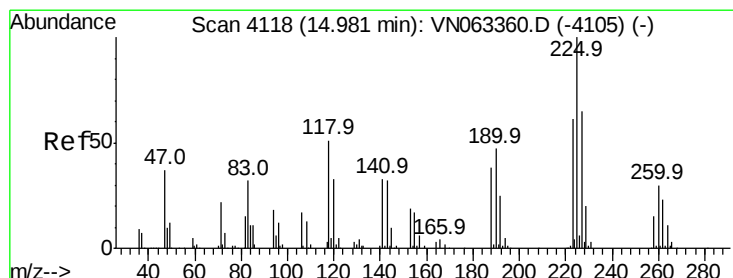
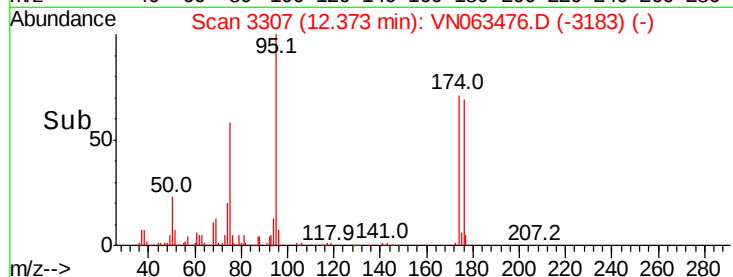
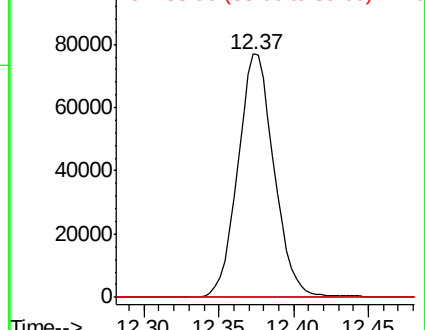
89 0.0 38.0 57.0#



Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN063360.D (-3266) (-)

Ion 88.90 (88.60 to 89.60): VN063360.D (-3266) (-)



#94

Hexachlorobutadiene

Concen: 0.351 ug/l

RT: 14.99 min Scan# 4120

Delta R.T. 0.01 min

Lab File: VN063476.D

Acq: 21 Sep 2020 11:12

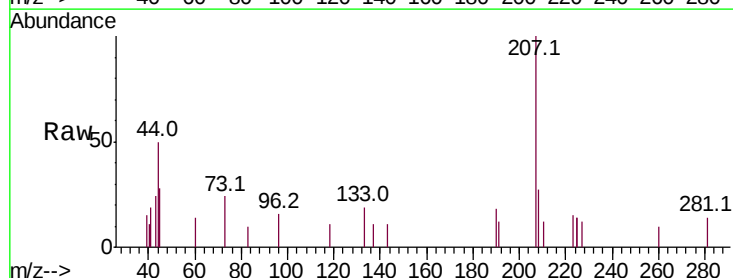
Tgt Ion: 225 Resp: 536

Ion Ratio Lower Upper

225 100

223 47.6 30.6 91.6

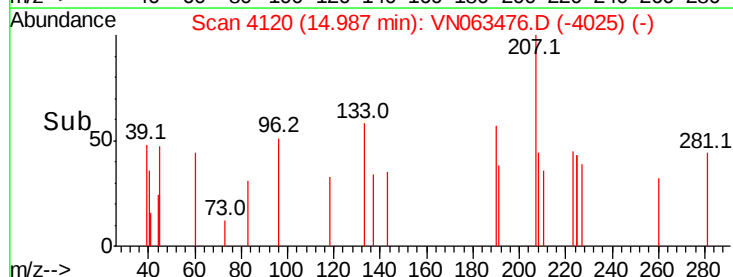
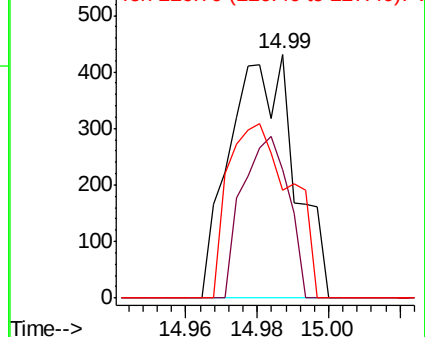
227 69.8 31.2 93.6

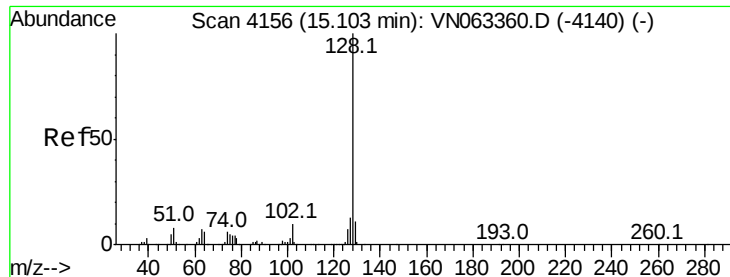


Abundance Ion 224.70 (224.40 to 225.40): VN063360.D (-4105) (-)

Ion 222.70 (222.40 to 223.40): VN063360.D (-4105) (-)

Ion 226.70 (226.40 to 227.40): VN063360.D (-4105) (-)





#95

Naphthalene

Concen: 0.287 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063476.D

Acq: 21 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampleId :

VN0921MBL01

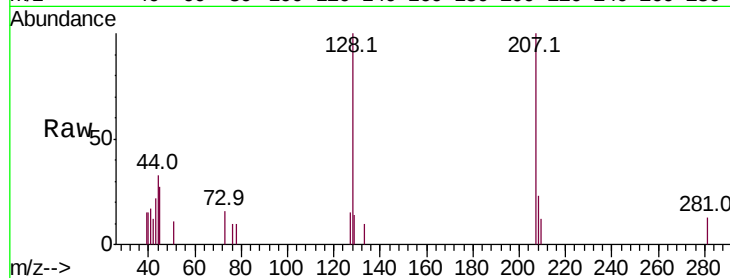
Tot Ion:128 Resp: 3502

Ion Ratio Lower Upper

128 100

127 10.1 10.6 15.8#

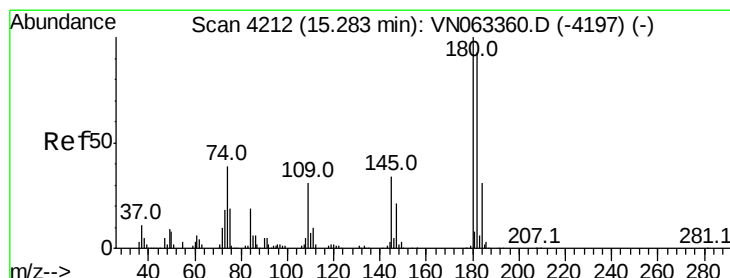
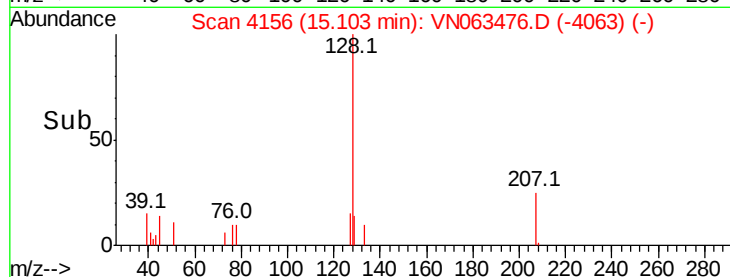
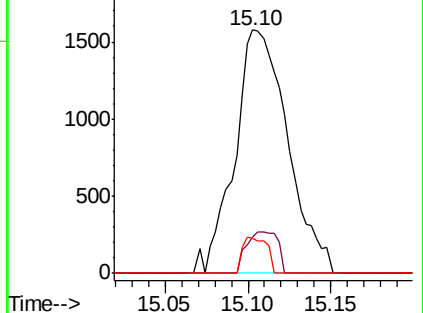
129 6.8 8.8 13.2#



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: 0.277 ug/l

RT: 15.29 min Scan# 4215

Delta R.T. 0.01 min

Lab File: VN063476.D

Acq: 21 Sep 2020 11:12

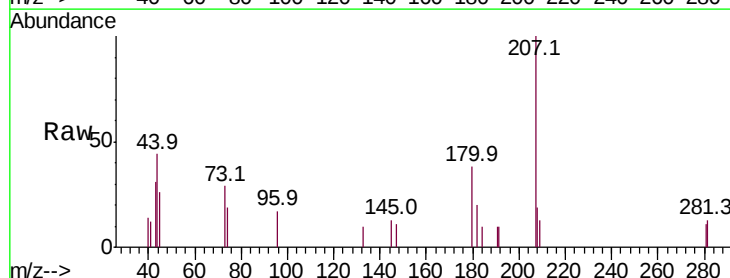
Tgt Ion:180 Resp: 989

Ion Ratio Lower Upper

180 100

182 0.0 46.7 140.1#

145 15.8 16.8 50.3#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

