

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101220\
 Data File : VN064078.D
 Acq On : 12 Oct 2020 15:23
 Operator : JC/MD
 Sample : VN1012MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012MBL01

Quant Time: Oct 13 01:07:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	236227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	427940	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	432125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	158229	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	197686	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
35) Dibromofluoromethane	7.54	113	147577	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
50) Toluene-d8	10.06	98	553074	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	
62) 4-Bromofluorobenzene	12.38	95	198423	46.89	ug/l	0.00
Spiked Amount			Recovery	=	93.78%	

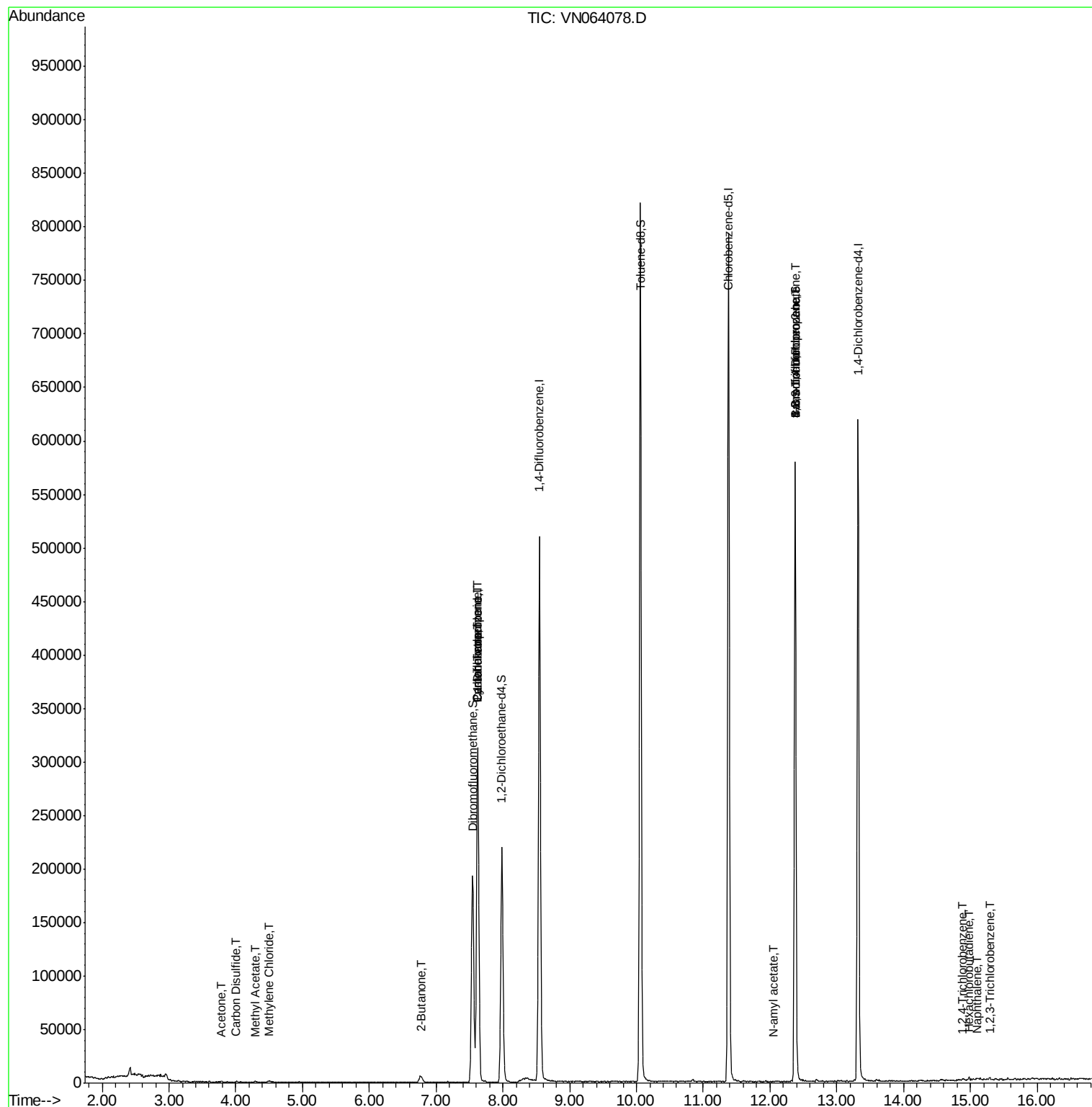
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	1024	0.852	ug/l #	85
17) Carbon Disulfide	4.00	76	682	0.805	ug/l #	76
18) Methyl Acetate	4.30	43	1317	0.422	ug/l #	54
20) Methylene Chloride	4.50	84	710	0.356	ug/l #	49
25) 2-Butanone	6.78	43	487	0.286	ug/l #	51
31) Cyclohexane	7.62	56	5991	1.322	ug/l #	7
36) 1,1-Dichloropropene	7.62	75	20597	4.751	ug/l #	52
38) Carbon Tetrachloride	7.62	117	25414	5.228	ug/l #	15
71) Bromoform	12.37	173	631	0.243	ug/l #	1
74) N-amyl acetate	12.05	43	293	2.268	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	110823	31.773	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	110823	91.510	ug/l #	6
93) 1,2,4-Trichlorobenzene	14.87	180	31	1.747	ug/l #	1
94) Hexachlorobutadiene	14.98	225	816	0.659	ug/l #	51
95) Naphthalene	15.11	128	2256	2.178	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.29	180	361	1.699	ug/l	87

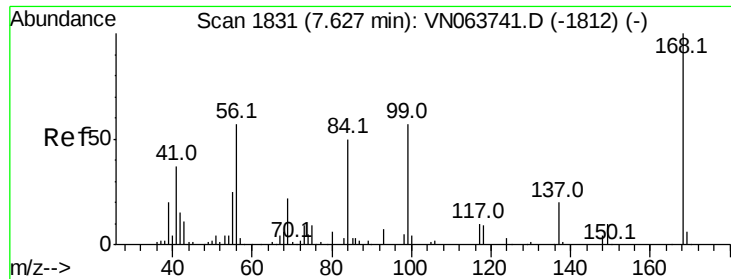
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101220\
Data File : VN064078.D
Acq On : 12 Oct 2020 15:23
Operator : JC/MD
Sample : VN1012MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1012MBL01

Quant Time: Oct 13 01:07:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 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: VN064078.D

Acq: 12 Oct 2020 15:23

Instrument :

MSVOA_N

ClientSampleId :

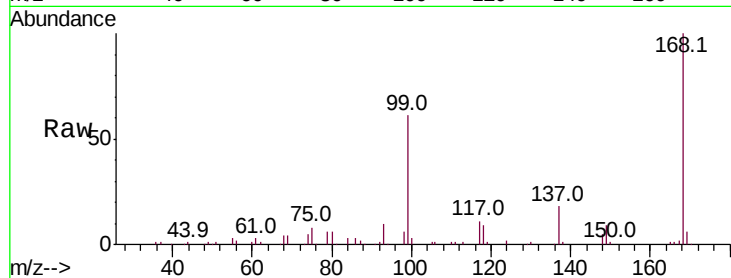
VN1012MBL01

Tot Ion:168 Resp: 236227

Ion Ratio Lower Upper

168 100

99 60.5 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): VN063741.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN063741.D (-1812) (-)

7.62

100000

80000

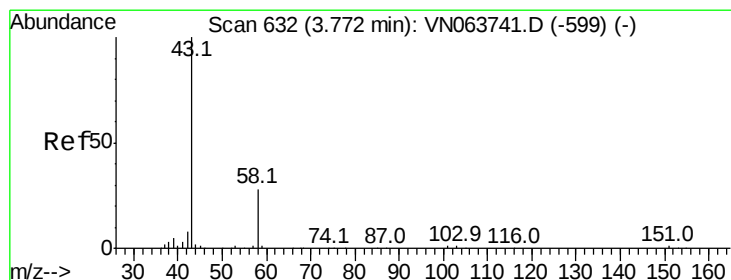
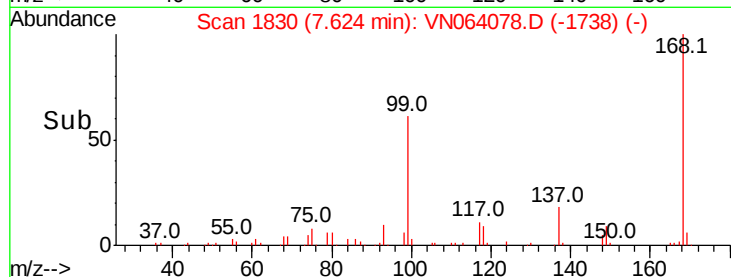
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 0.852 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN064078.D

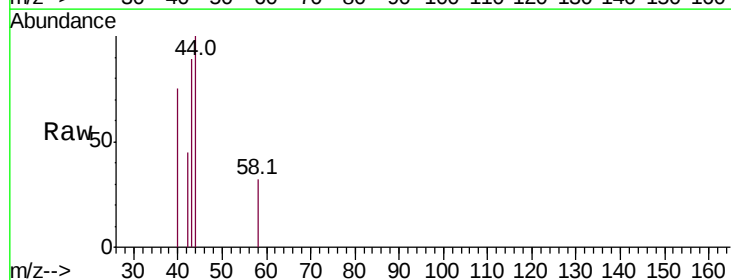
Acq: 12 Oct 2020 15:23

Tgt Ion: 43 Resp: 1024

Ion Ratio Lower Upper

43 100

58 35.7 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-599) (-)

3.78

500

400

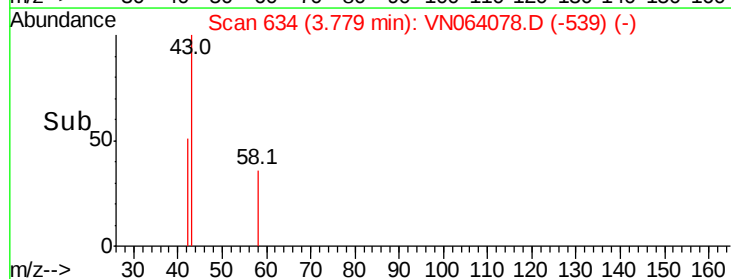
300

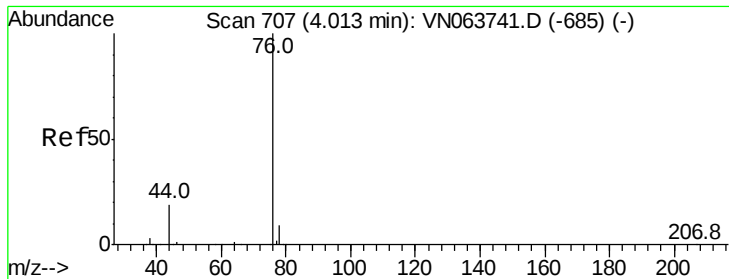
200

100

0

Time--> 3.75 3.80





#17

Carbon Disulfide

Concen: 0.805 ug/l

RT: 4.00 min Scan# 704

Delta R.T. -0.01 min

Lab File: VN064078.D

Acq: 12 Oct 2020 15:23

Instrument :

MSVOA_N

ClientSampleId :

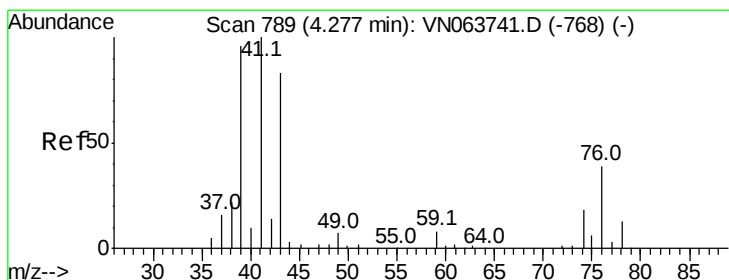
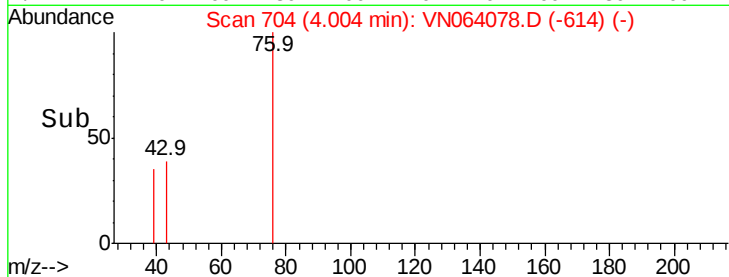
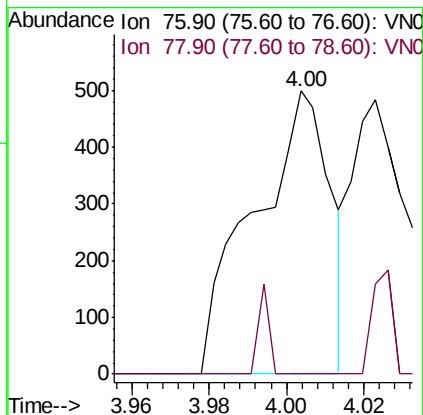
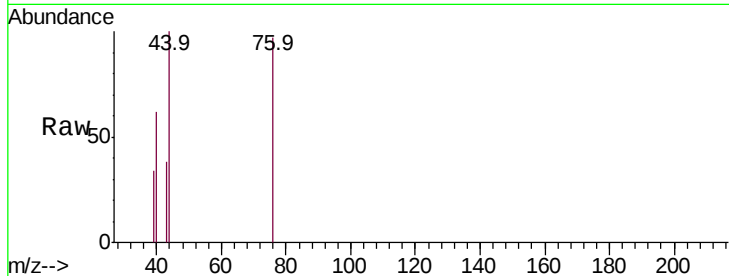
VN1012MBL01

Tot Ion: 76 Resp: 682

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#



#18

Methyl Acetate

Concen: 0.422 ug/l

RT: 4.30 min Scan# 795

Delta R.T. 0.02 min

Lab File: VN064078.D

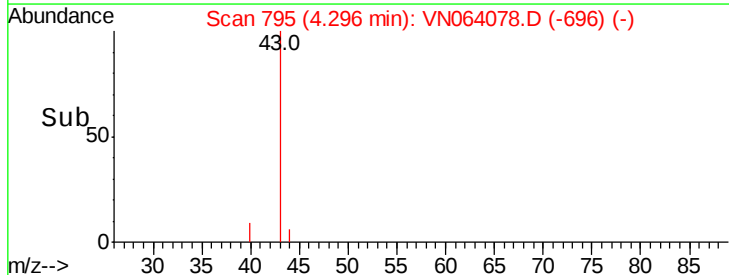
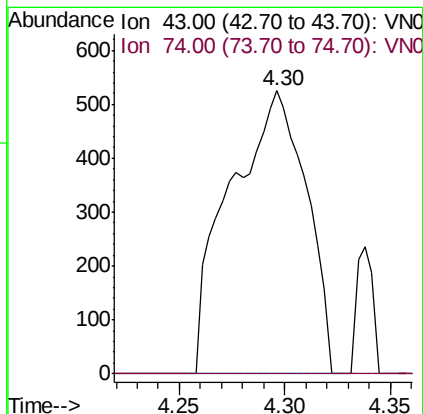
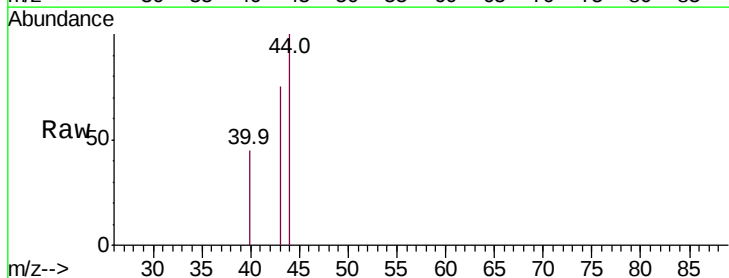
Acq: 12 Oct 2020 15:23

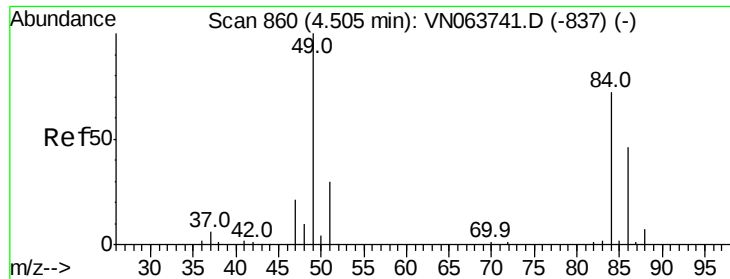
Tgt Ion: 43 Resp: 1317

Ion Ratio Lower Upper

43 100

74 0.0 17.4 26.2#

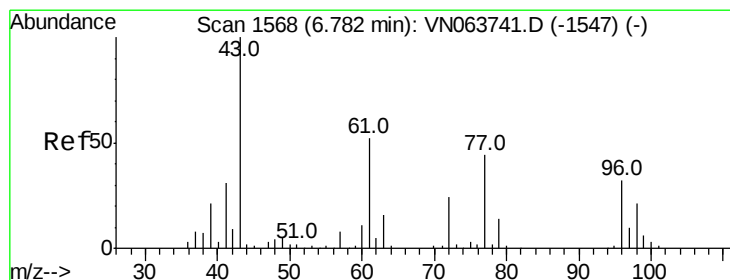
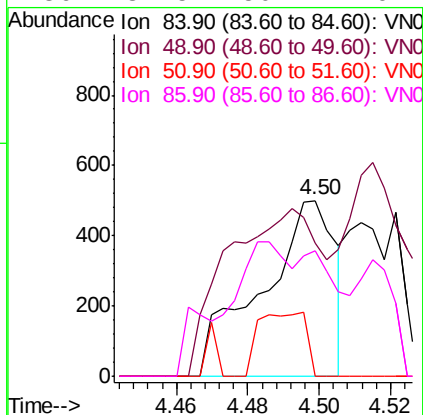
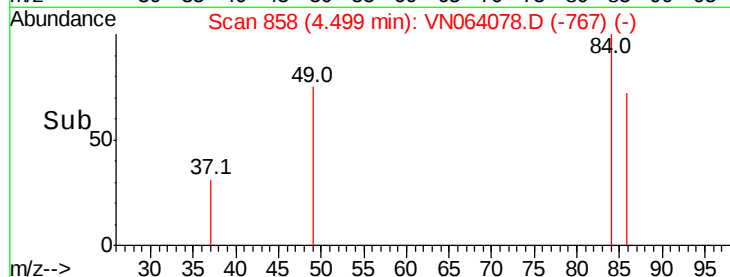
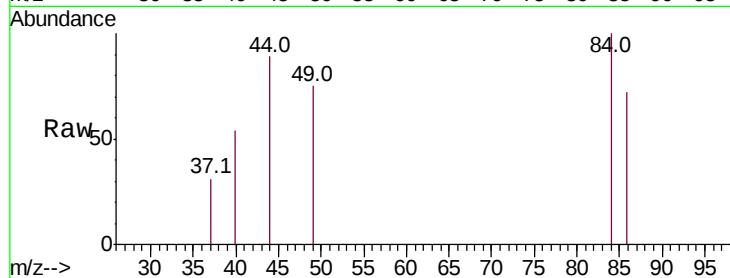




#20
Methvlene Chloride
Concen: 0.356 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064078.D
Acq: 12 Oct 2020 15:23

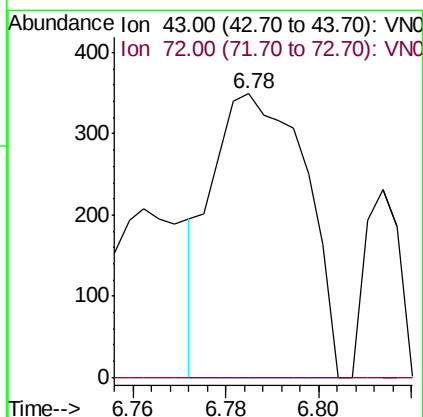
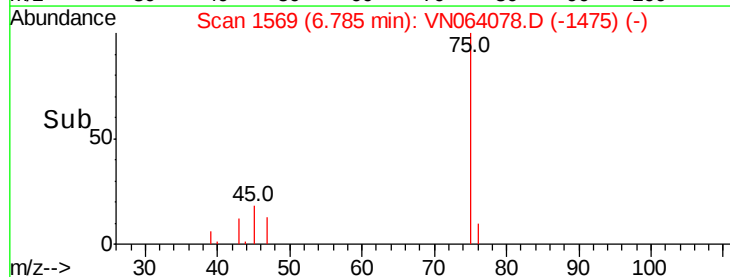
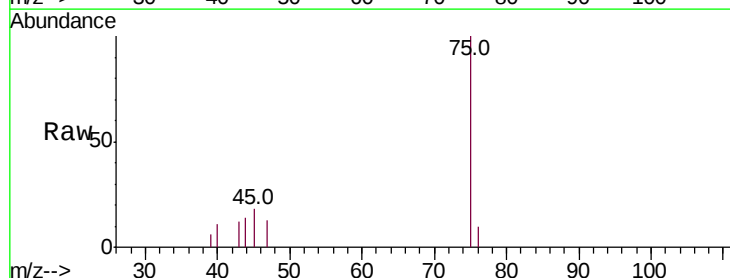
Instrument :
MSVOA_N
ClientSampled :
VN1012MBL01

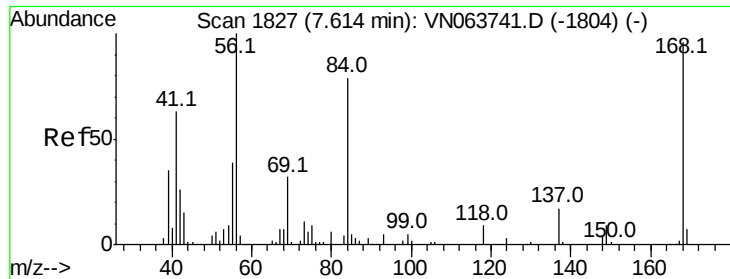
Tot Ion: 84 Resp: 710
Ion Ratio Lower Upper
84 100
49 75.4 110.4 165.6#
51 0.0 33.3 49.9#
86 32.5 50.7 76.1#



#25
2-Butanone
Concen: 0.286 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN064078.D
Acq: 12 Oct 2020 15:23

Tgt Ion: 43 Resp: 487
Ion Ratio Lower Upper
43 100
72 0.0 19.3 28.9#

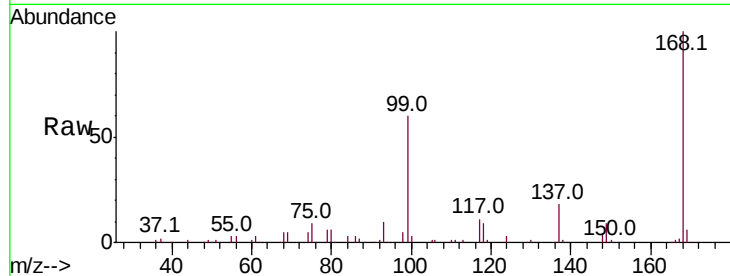




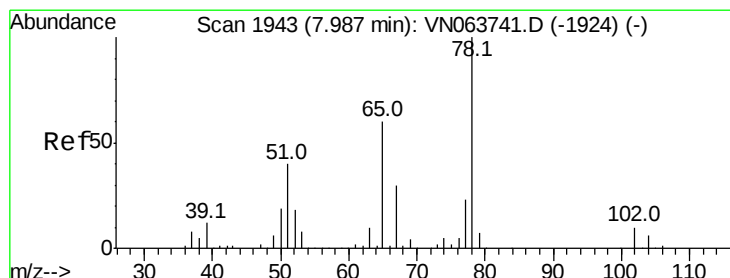
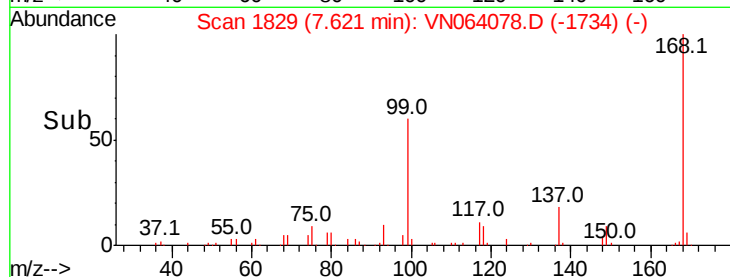
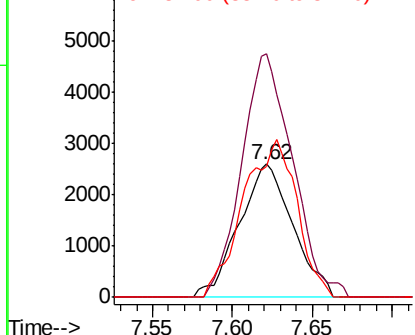
#31
Cyclohexane
Concen: 1.322 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN064078.D
Acq: 12 Oct 2020 15:23

Instrument :
MSVOA_N
ClientSampleId :
VN1012MBL01

Tot Ion: 56 Resp: 5991
Ion Ratio Lower Upper
56 100
69 182.8 25.4 38.2#
84 97.9 63.3 94.9#

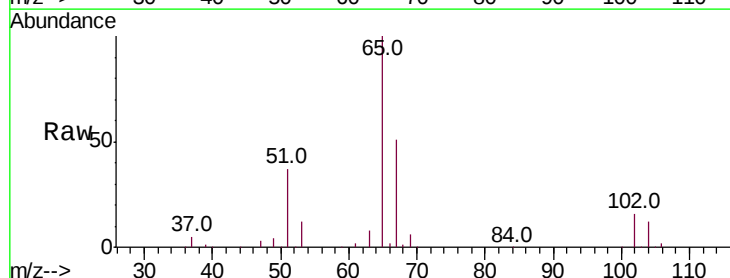


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

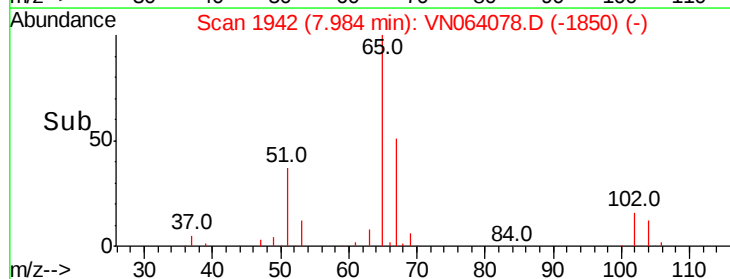
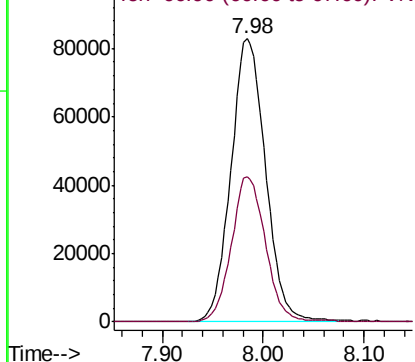


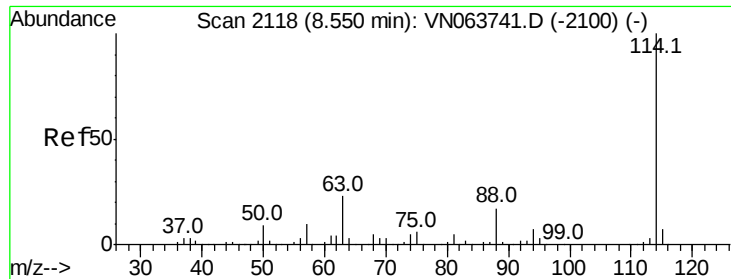
#33
1,2-Dichloroethane-d4
Concen: 50.655 ug/l
RT: 7.98 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN064078.D
Acq: 12 Oct 2020 15:23

Tgt Ion: 65 Resp: 197686
Ion Ratio Lower Upper
65 100
67 50.4 0.0 99.6



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

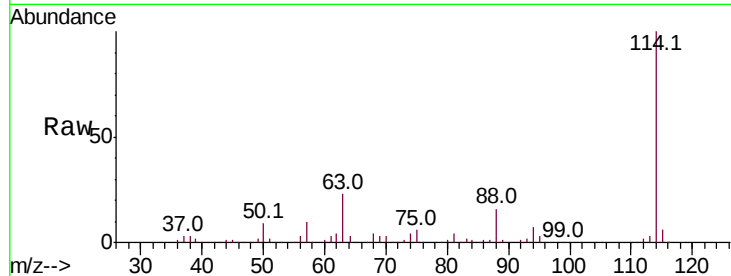




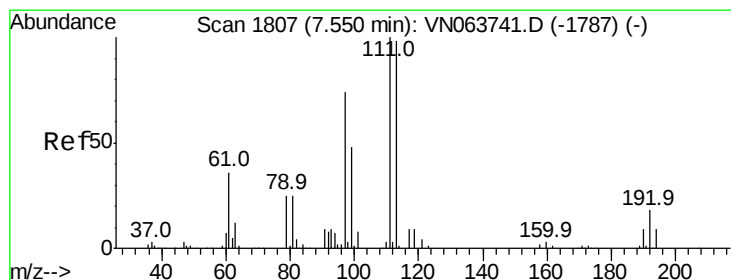
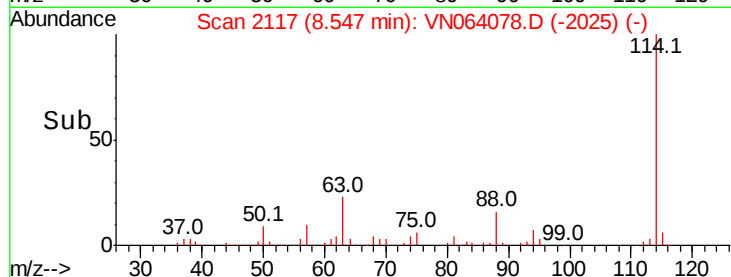
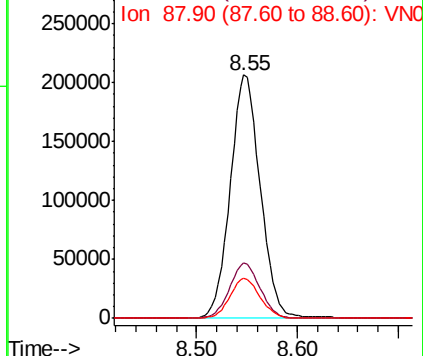
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064078.D
 Acq: 12 Oct 2020 15:23

Instrument :
 MSVOA_N
 ClientSampled :
 VN1012MBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	45.0
88	16.3	0.0	34.0

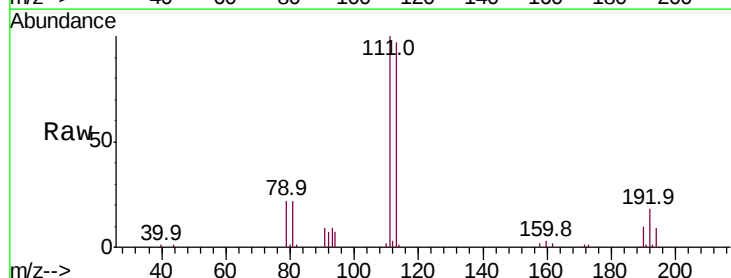


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

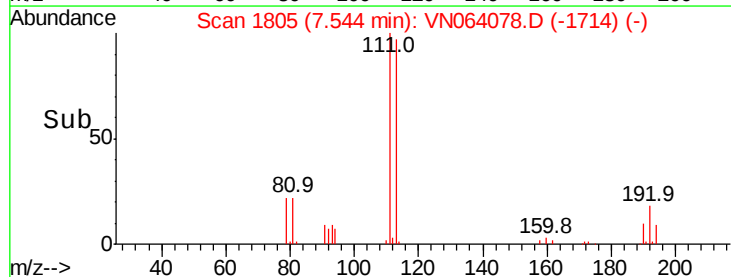
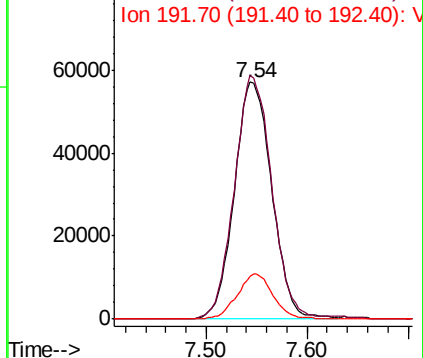


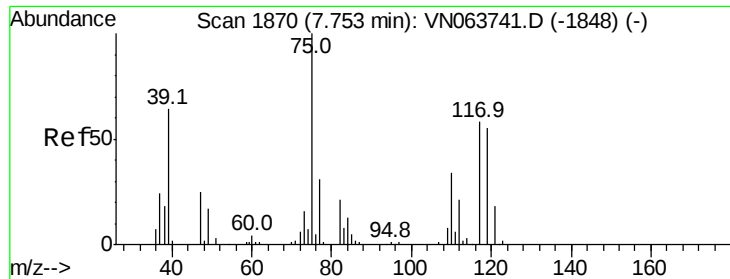
#35
 Dibromofluoromethane
 Concen: 49.700 ug/l
 RT: 7.54 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: VN064078.D
 Acq: 12 Oct 2020 15:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.8
192	18.0	14.2	21.2



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: 4.751 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.13 min

Lab File: VN064078.D

Acq: 12 Oct 2020 15:23

Instrument :

MSVOA_N

ClientSampleId :

VN1012MBL01

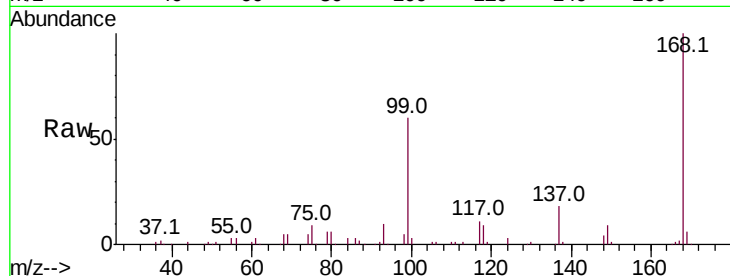
Tot Ion: 75 Resp: 20597

Ion Ratio Lower Upper

75 100

110 10.8 16.9 50.6#

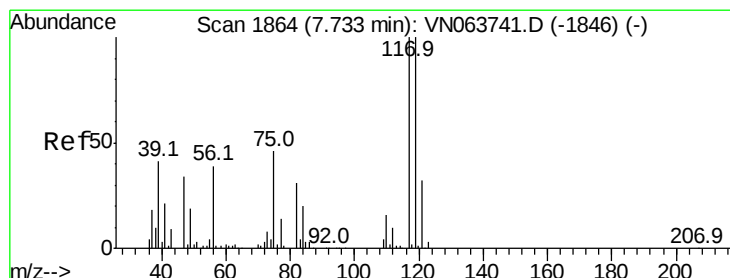
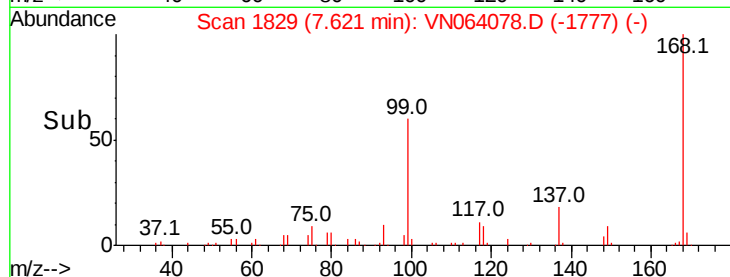
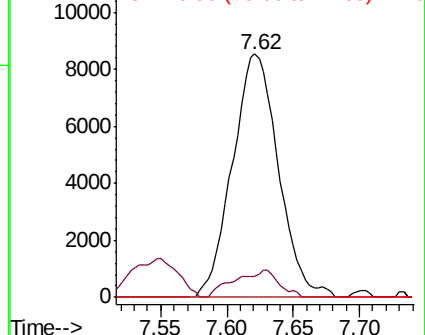
77 0.0 24.5 36.7#



Abundance Ion 74.90 (74.60 to 75.60): VN063741.D (-1848) (-)

Ion 109.90 (109.60 to 110.60): VN063741.D (-1848) (-)

Ion 76.90 (76.60 to 77.60): VN063741.D (-1848) (-)



#38

Carbon Tetrachloride

Concen: 5.228 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN064078.D

Acq: 12 Oct 2020 15:23

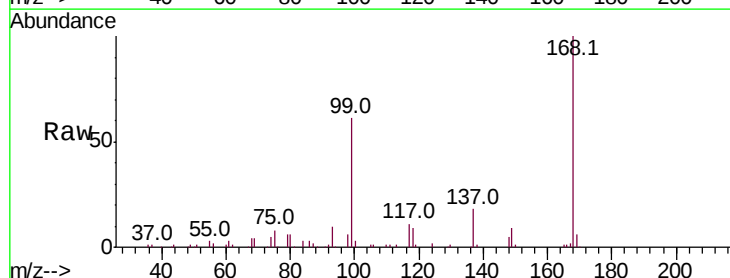
Tgt Ion: 117 Resp: 25414

Ion Ratio Lower Upper

117 100

119 6.1 80.1 120.1#

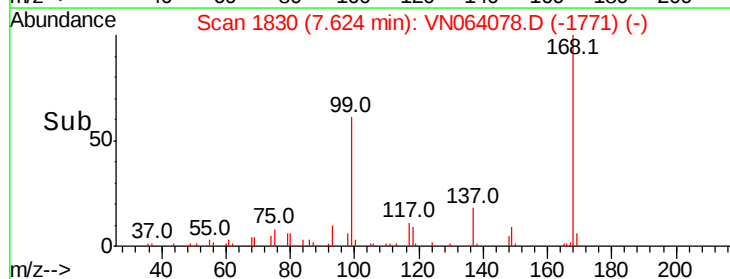
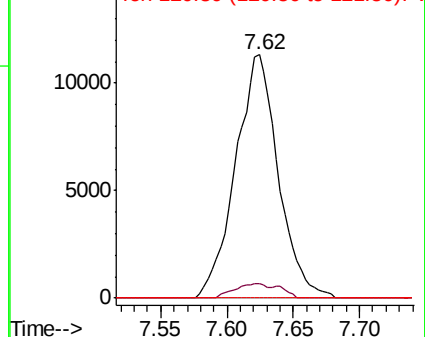
121 0.0 25.7 38.5#

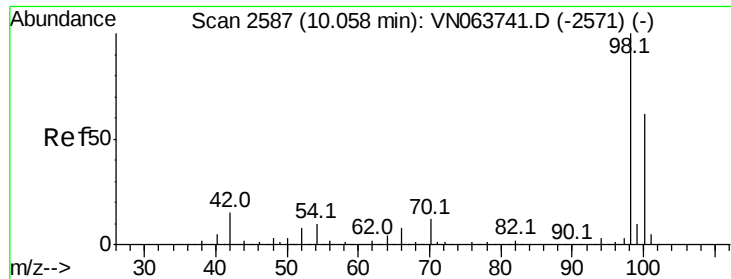


Abundance Ion 116.80 (116.50 to 117.50): VN063741.D (-1846) (-)

Ion 118.80 (118.50 to 119.50): VN063741.D (-1846) (-)

Ion 120.80 (120.50 to 121.50): VN063741.D (-1846) (-)





#50

Toluene-d8

Concen: 49.133 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064078.D

Acq: 12 Oct 2020 15:23

Instrument :

MSVOA_N

ClientSampleId :

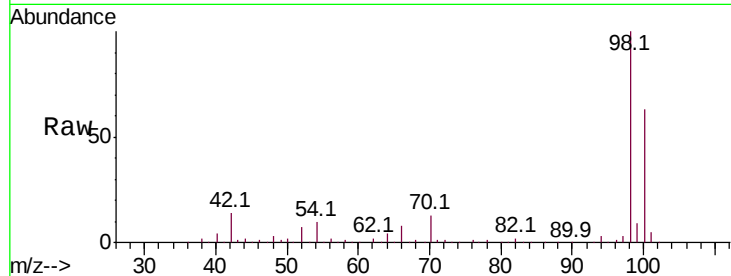
VN1012MBL01

Tot Ion: 98 Resp: 553074

Ion Ratio Lower Upper

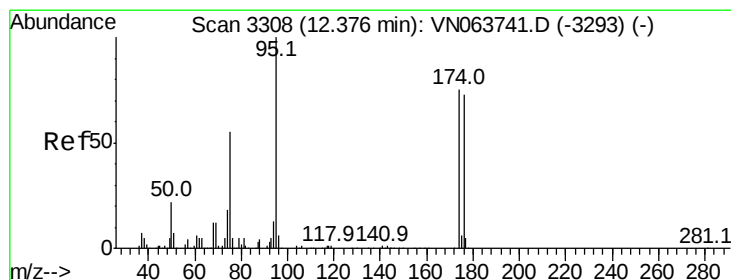
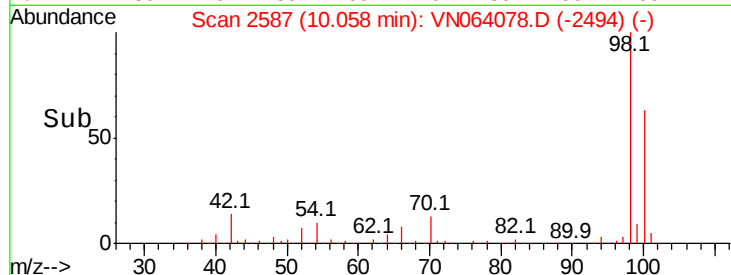
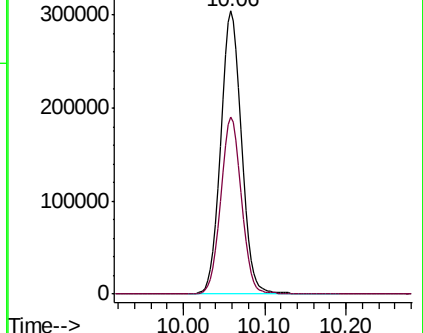
98 100

100 62.1 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)



#62

4-Bromofluorobenzene

Concen: 46.892 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064078.D

Acq: 12 Oct 2020 15:23

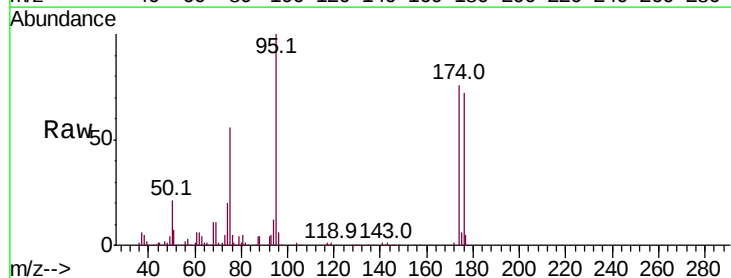
Tgt Ion: 95 Resp: 198423

Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.6

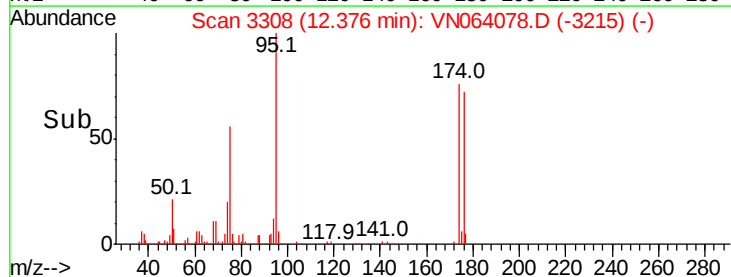
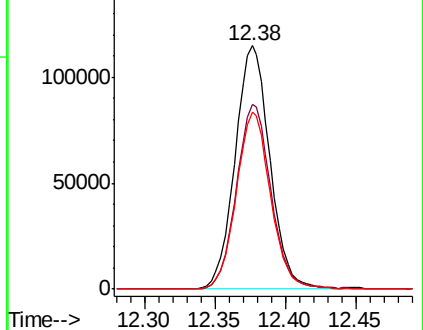
176 71.7 0.0 145.4

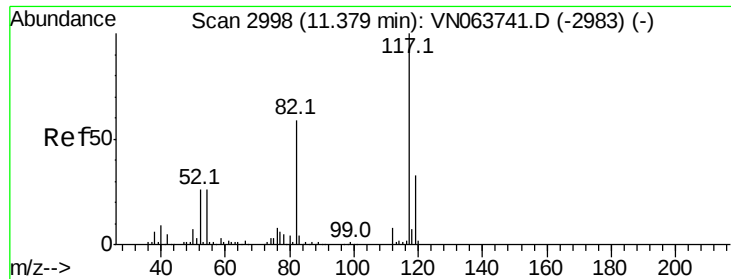


Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064078.D

Acq: 12 Oct 2020 15:23

Instrument :

MSVOA_N

ClientSampleId :

VN1012MBL01

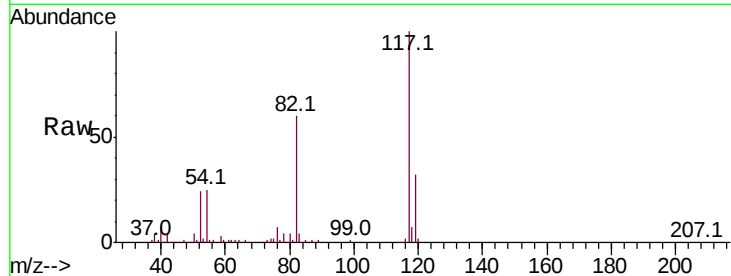
Tot Ion:117 Resp: 432125

Ion Ratio Lower Upper

117 100

82 60.3 47.4 71.2

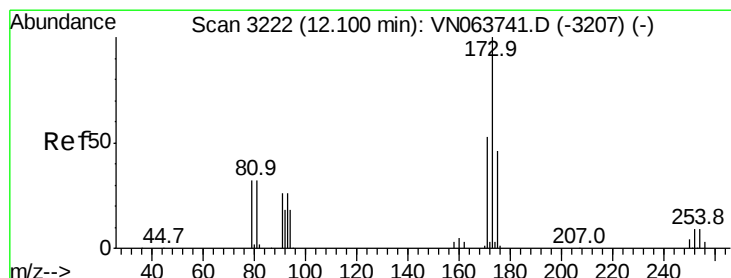
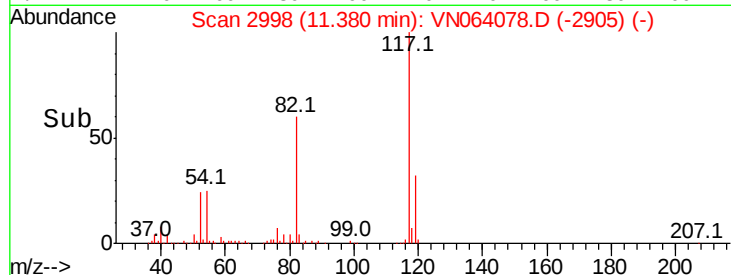
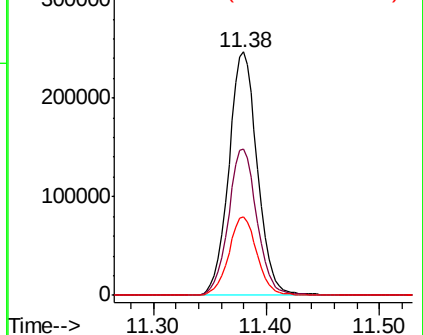
119 32.3 26.4 39.6



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



#71

Bromoform

Concen: 0.243 ug/l

RT: 12.37 min Scan# 3306

Delta R.T. 0.27 min

Lab File: VN064078.D

Acq: 12 Oct 2020 15:23

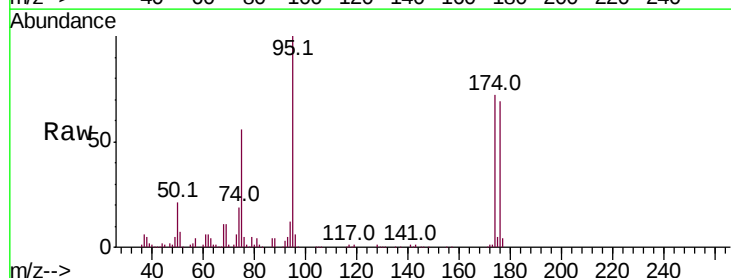
Tgt Ion:173 Resp: 631

Ion Ratio Lower Upper

173 100

175 1467.0 23.5 70.5#

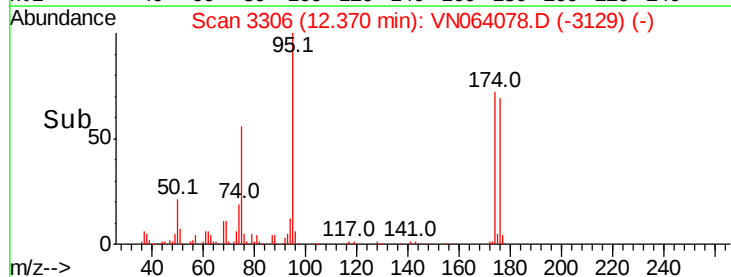
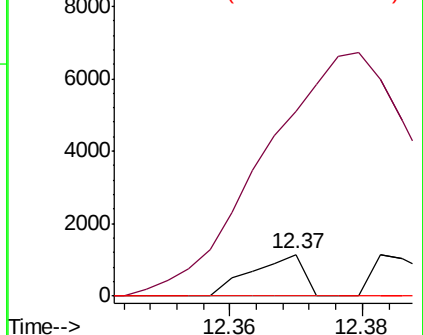
254 0.0 0.0 0.0

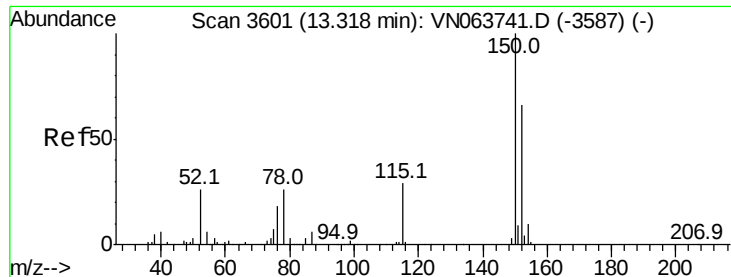


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064078.D

Acq: 12 Oct 2020 15:23

Instrument :

MSVOA_N

ClientSampleId :

VN1012MBL01

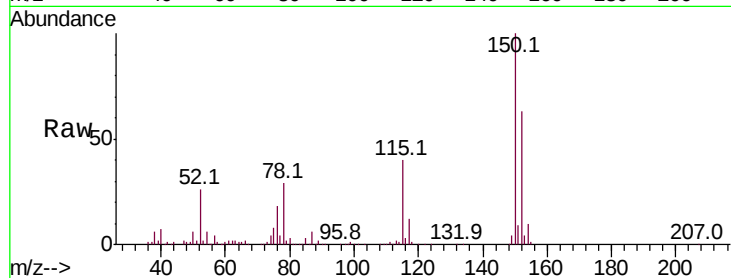
Tot Ion:152 Resp: 158229

Ion Ratio Lower Upper

152 100

115 63.3 31.3 93.8

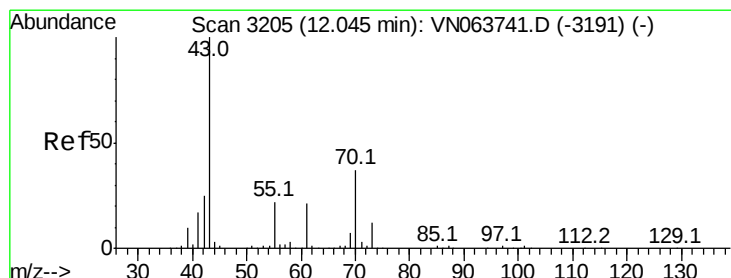
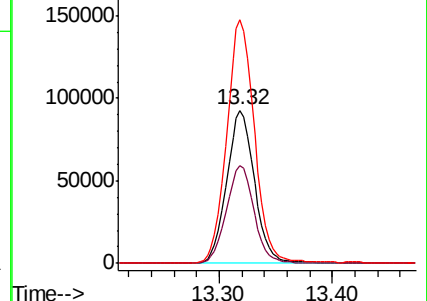
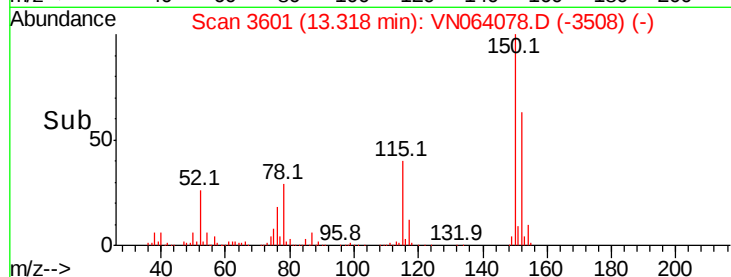
150 159.9 0.0 341.8



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



#74

N-ethyl acetate

Concen: 2.268 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064078.D

Acq: 12 Oct 2020 15:23

Tgt Ion: 43 Resp: 293

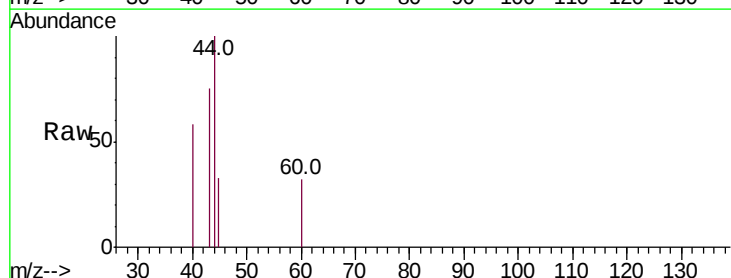
Ion Ratio Lower Upper

43 100

70 0.0 29.8 44.8#

55 0.0 17.9 26.9#

61 0.0 17.0 25.4#

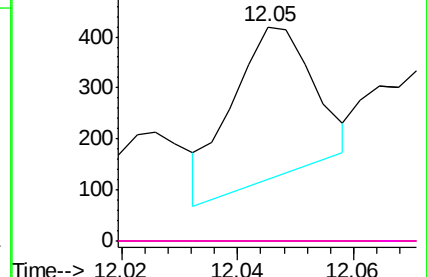
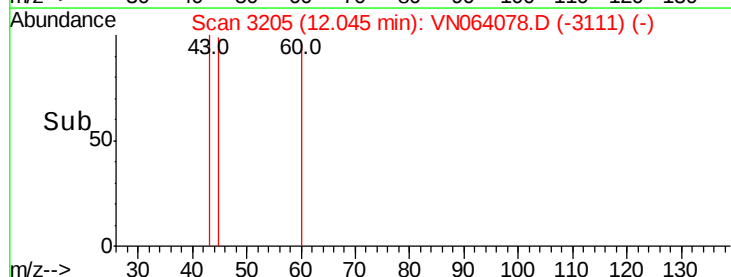


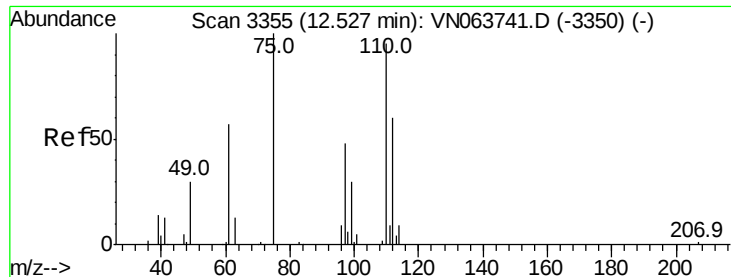
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#76

1,2,3-Trichloropropane

Concen: 31.773 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064078.D

Acq: 12 Oct 2020 15:23

Instrument :

MSVOA_N

ClientSampleId :

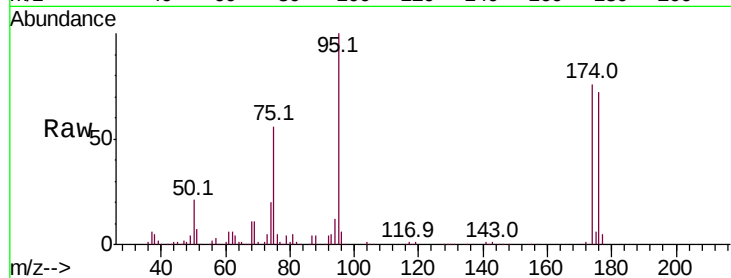
VN1012MBL01

Tot Ion: 75 Resp: 110823

Ion Ratio Lower Upper

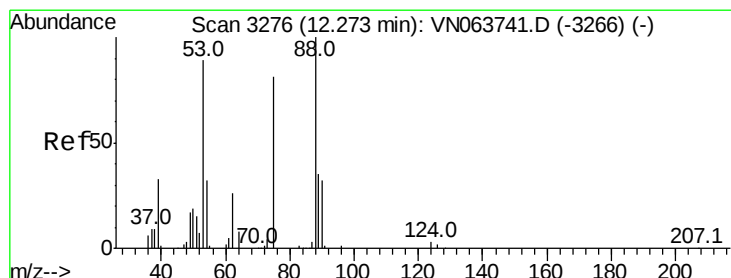
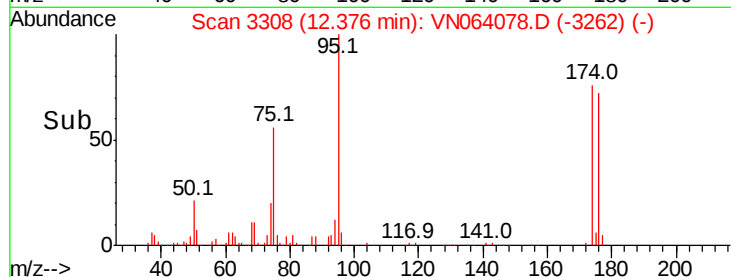
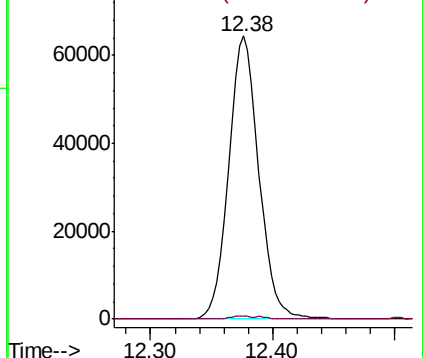
75 100

77 1.1 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: 91.510 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064078.D

Acq: 12 Oct 2020 15:23

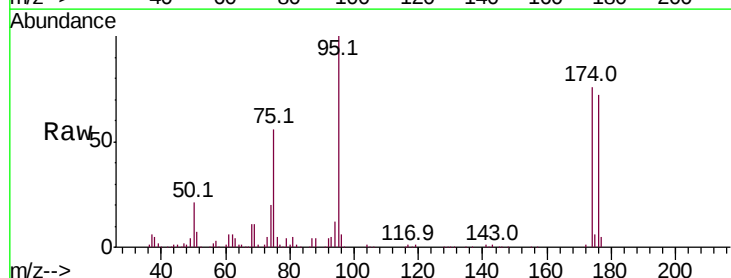
Tgt Ion: 75 Resp: 110823

Ion Ratio Lower Upper

75 100

53 0.1 88.2 132.2#

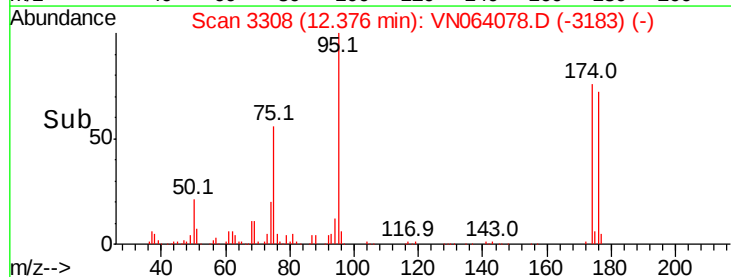
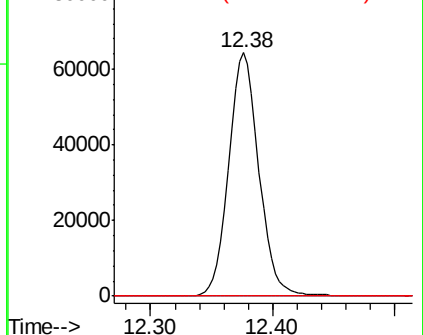
89 0.0 36.0 54.0#

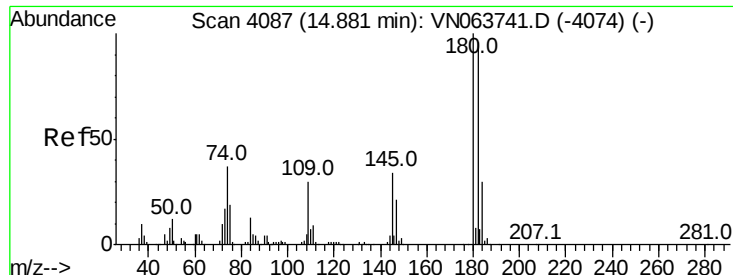


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

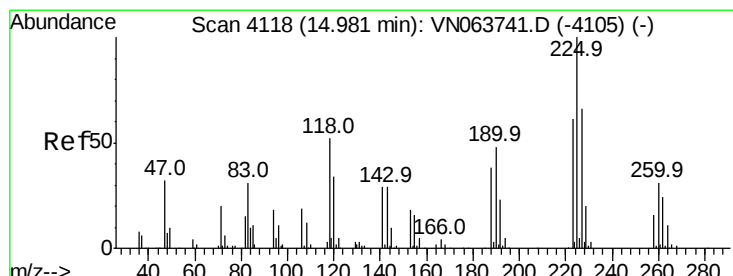
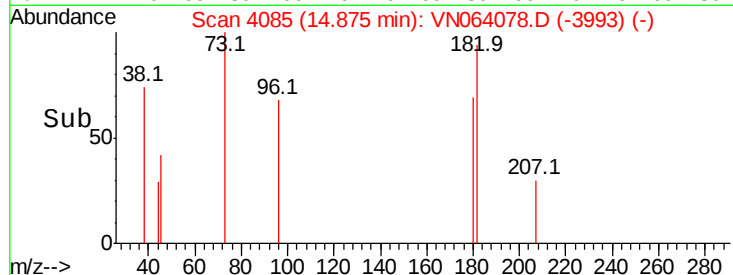
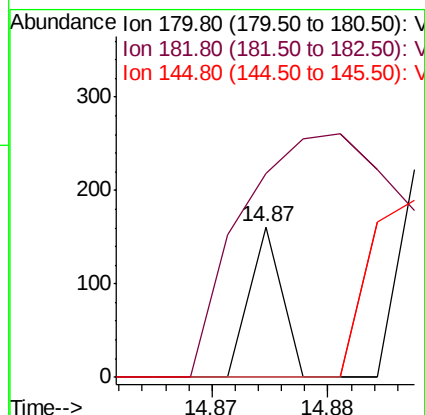
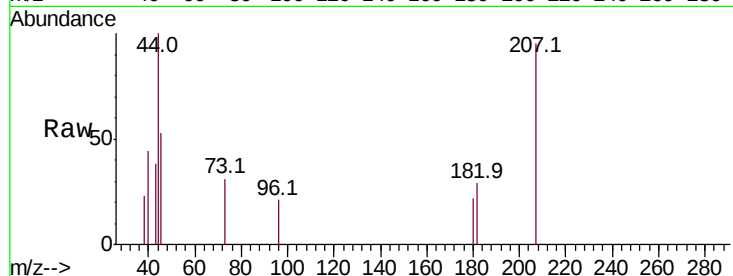




#93
 1,2,4-Trichlorobenzene
 Concen: 1.747 ug/l
 RT: 14.87 min Scan# 4085
 Delta R.T. -0.01 min
 Lab File: VN064078.D
 Acq: 12 Oct 2020 15:23

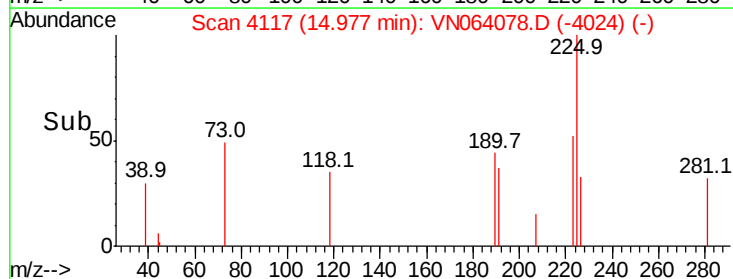
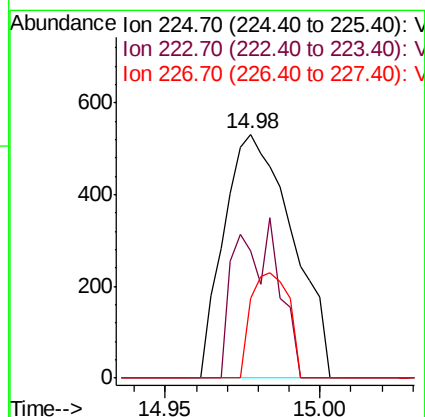
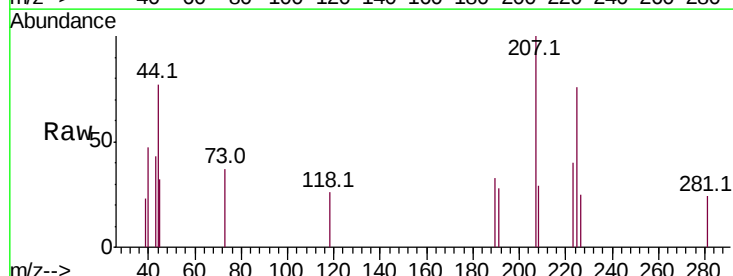
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012MBL01

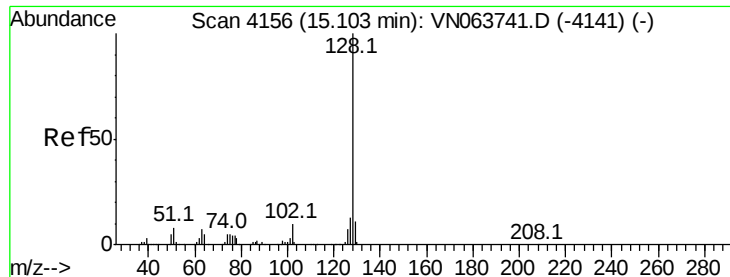
Tot Ion:180 Resp: 31
 Ion Ratio Lower Upper
 180 100
 182 803.2 48.2 144.6#
 145 0.0 17.1 51.2#



#94
 Hexachlorobutadiene
 Concen: 0.659 ug/l
 RT: 14.98 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN064078.D
 Acq: 12 Oct 2020 15:23

Tgt Ion:225 Resp: 816
 Ion Ratio Lower Upper
 225 100
 223 24.9 30.3 91.0#
 227 23.9 31.9 95.5#





#95

Naphthalene

Concen: 2.178 ug/l

RT: 15.11 min Scan# 4158

Delta R.T. 0.01 min

Lab File: VN064078.D

Acq: 12 Oct 2020 15:23

Instrument :

MSVOA_N

ClientSampled :

VN1012MBL01

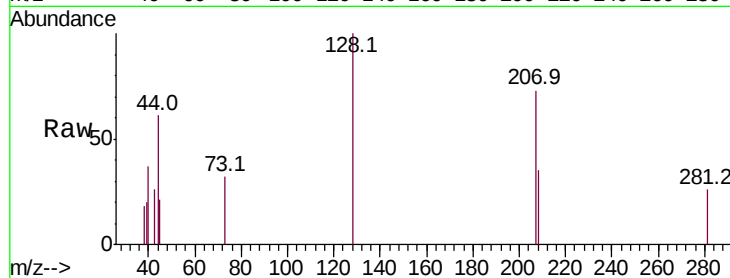
Tot Ion:128 Resp: 2256

Ion Ratio Lower Upper

128 100

127 2.6 10.5 15.7#

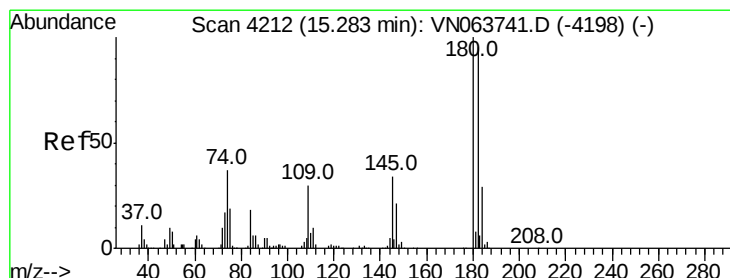
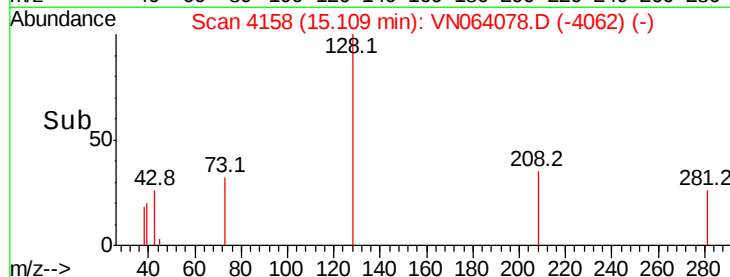
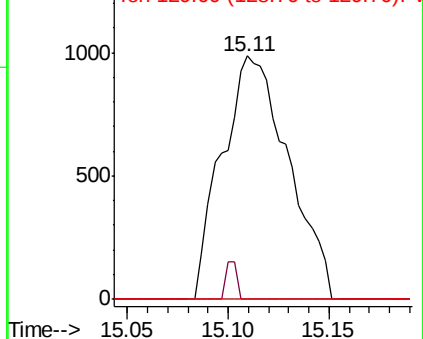
129 0.0 8.7 13.1#



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



#96

1,2,3-Trichlorobenzene

Concen: 1.699 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN064078.D

Acq: 12 Oct 2020 15:23

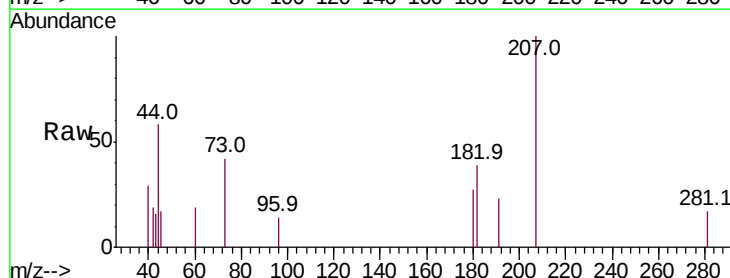
Tgt Ion:180 Resp: 361

Ion Ratio Lower Upper

180 100

182 113.0 47.9 143.6

145 33.5 17.2 51.5



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

