

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064226.D
 Acq On : 21 Oct 2020 17:09
 Operator : JC/MD
 Sample : L4460-01 50X
 Misc : 1.19g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CAPEMAY-ST-DRUM

Quant Time: Oct 22 01:49:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	254107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	447983	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	451490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	207986	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	195543	51.82	ug/l	0.00
Spiked Amount			Recovery	=	103.64%	
35) Dibromofluoromethane	7.55	113	147522	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
50) Toluene-d8	10.06	98	562615	52.07	ug/l	0.00
Spiked Amount			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.38	95	256486	58.56	ug/l	0.00
Spiked Amount			Recovery	=	117.12%	

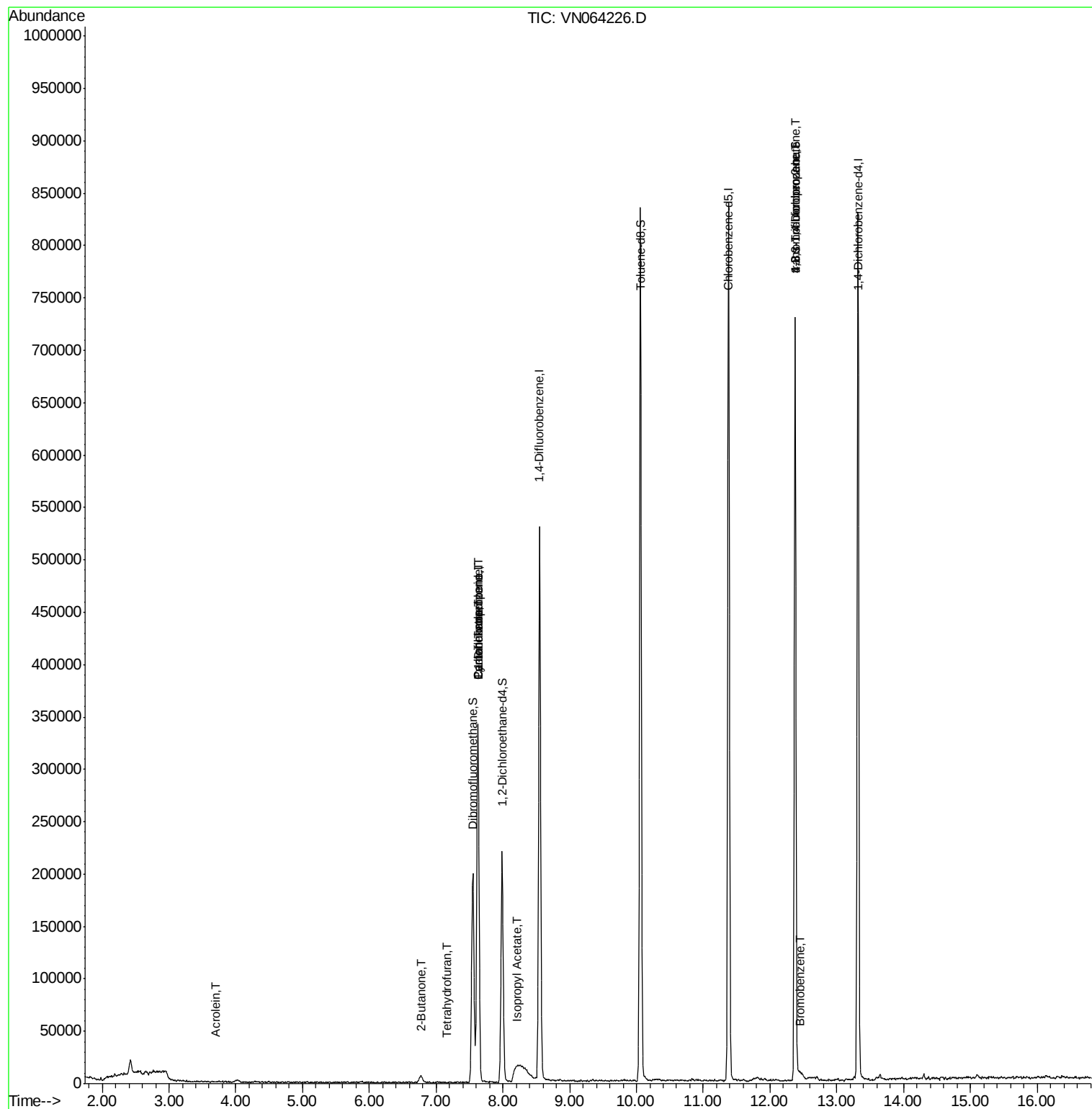
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.70	56	68	0.214	ug/l #	4
25) 2-Butanone	6.78	43	600	0.350	ug/l #	51
29) Tetrahydrofuran	7.16	42	228	0.222	ug/l #	38
31) Cyclohexane	7.63	56	6423	1.436	ug/l #	38
36) 1,1-Dichloropropene	7.62	75	21718	4.863	ug/l #	52
38) Carbon Tetrachloride	7.63	117	28332	5.576	ug/l #	14
43) Isopropyl Acetate	8.20	43	16312	2.158	ug/l #	57
76) 1,2,3-Trichloropropane	12.38	75	137685	31.401	ug/l #	100
77) Bromobenzene	12.46	156	1473	0.393	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.38	75	137685	79.279	ug/l #	9

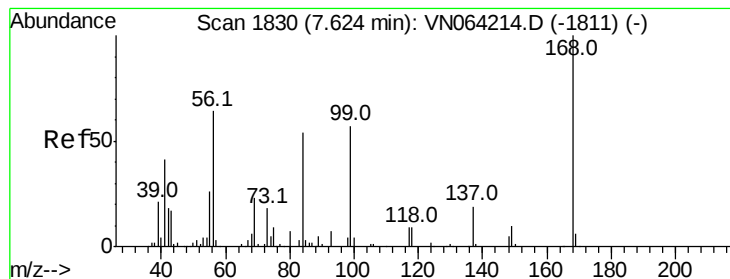
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN102120\
Data File : VN064226.D
Acq On : 21 Oct 2020 17:09
Operator : JC/MD
Sample : L4460-01 50X
Misc : 1.19g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CAPEMAY-ST-DRUM

Quant Time: Oct 22 01:49:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:48:40 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064226.D

Acq: 21 Oct 2020 17:09

Instrument :

MSVOA_N

ClientSampleId :

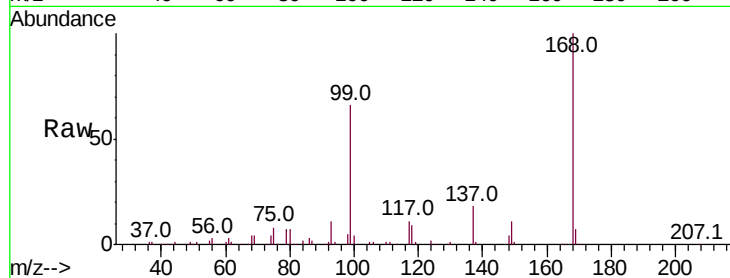
CAPEMAY-ST-DRUM

Tot Ion:168 Resp: 254107

Ion Ratio Lower Upper

168 100

99 66.2 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

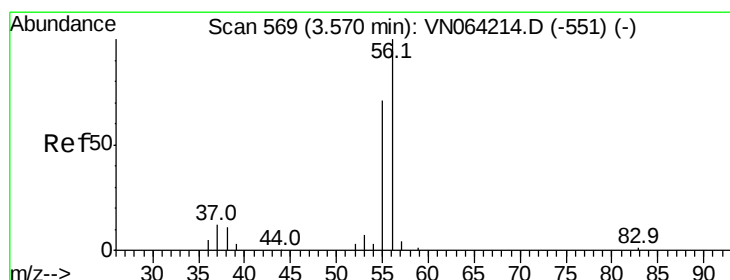
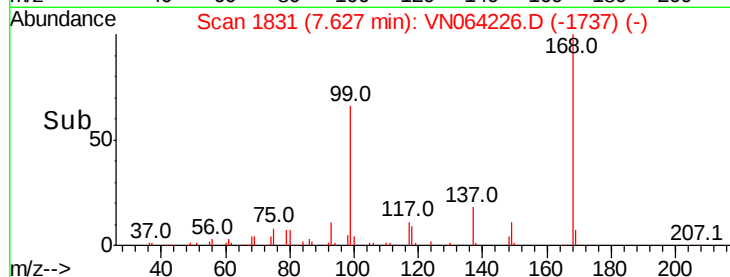
60000

40000

20000

0

Time-->



#13

Acrolein

Concen: 0.214 ug/l

RT: 3.70 min Scan# 609

Delta R.T. 0.13 min

Lab File: VN064226.D

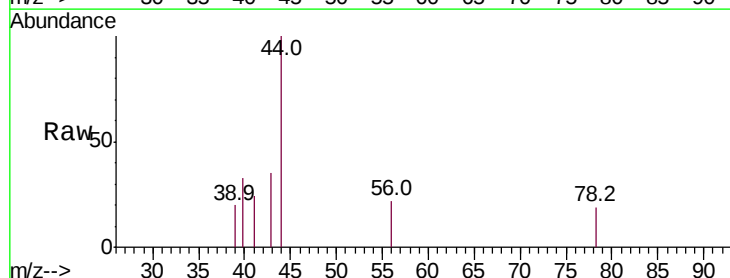
Acq: 21 Oct 2020 17:09

Tgt Ion: 56 Resp: 68

Ion Ratio Lower Upper

56 100

55 148.5 56.1 84.1#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

3.70

200

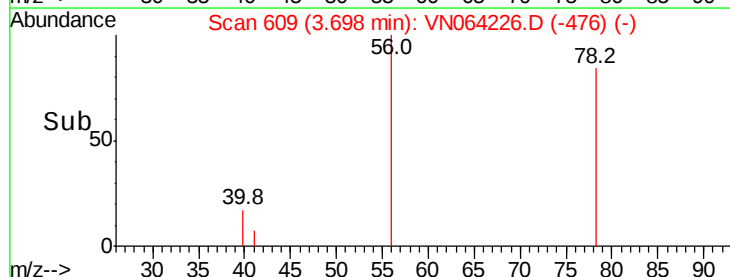
150

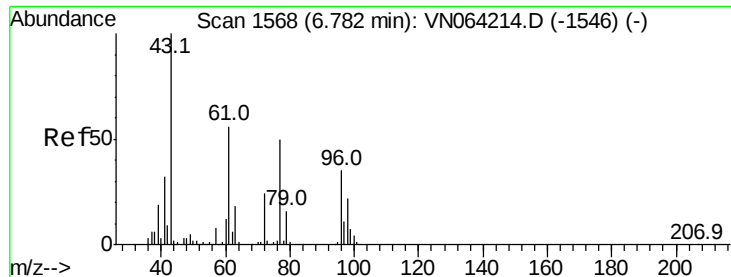
100

50

0

Time-->





#25

2-Butanone

Concen: 0.350 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VN064226.D

Acq: 21 Oct 2020 17:09

Instrument :

MSVOA_N

ClientSampleId :

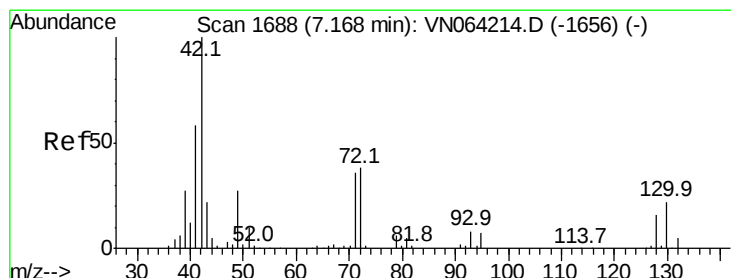
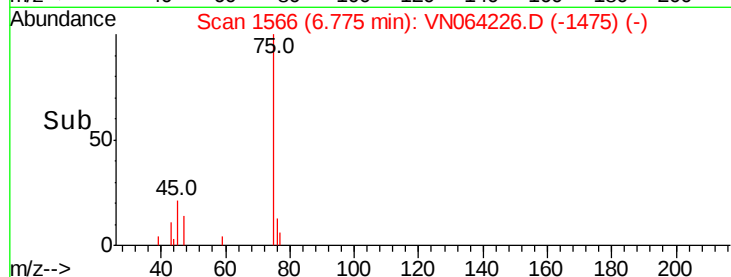
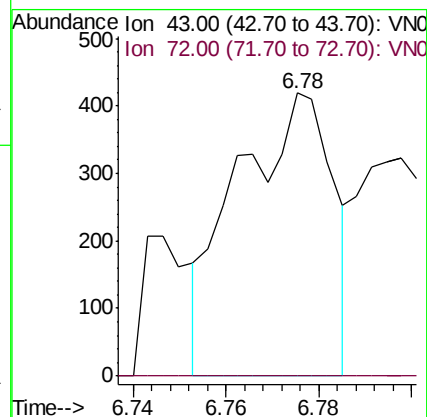
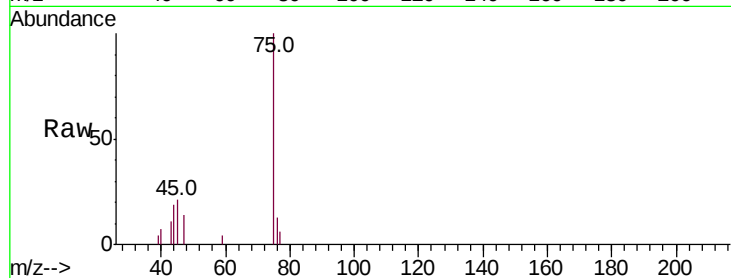
CAPEMAY-ST-DRUM

Tot Ion: 43 Resp: 600

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.0#



#29

Tetrahydrofuran

Concen: 0.222 ug/l

RT: 7.16 min Scan# 1686

Delta R.T. -0.01 min

Lab File: VN064226.D

Acq: 21 Oct 2020 17:09

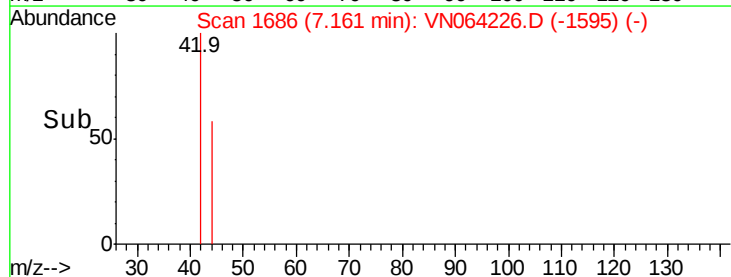
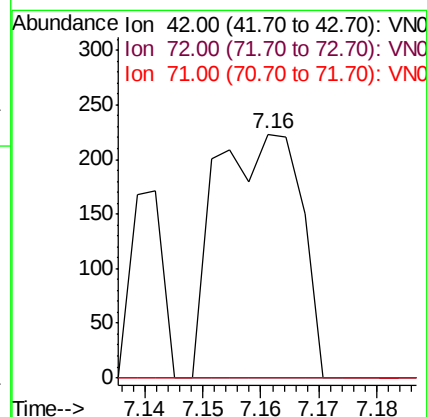
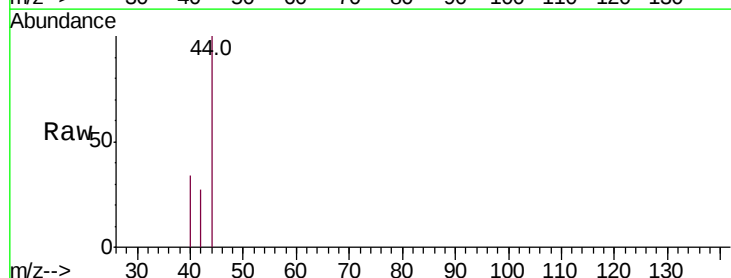
Tgt Ion: 42 Resp: 228

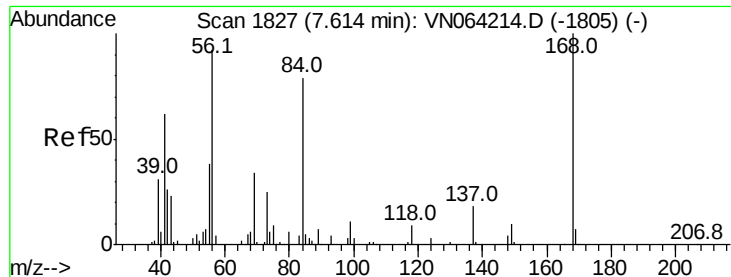
Ion Ratio Lower Upper

42 100

72 0.0 30.8 46.2#

71 0.0 29.0 43.6#

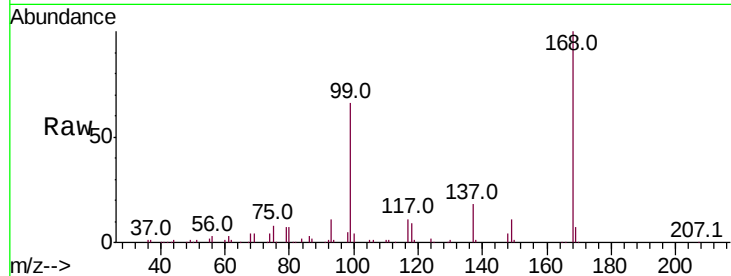




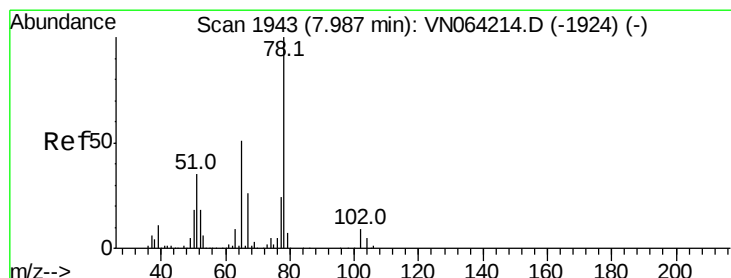
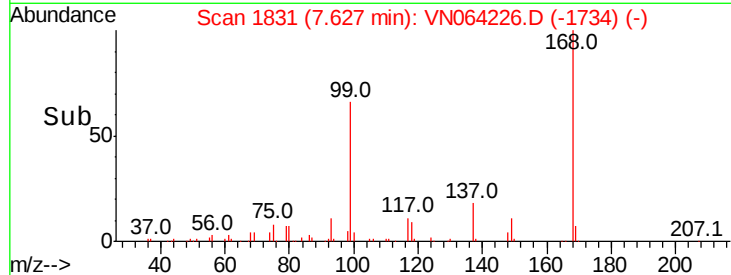
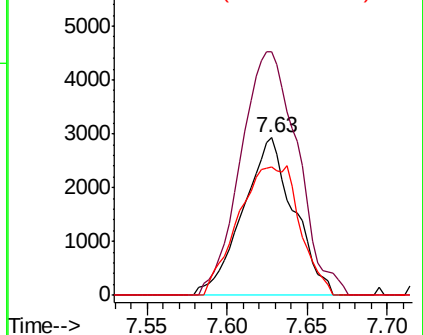
#31
Cyclohexane
Concen: 1.436 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN064226.D
Acq: 21 Oct 2020 17:09

Instrument :
MSVOA_N
ClientSampleId :
CAPEMAY-ST-DRUM

Tot Ion: 56 Resp: 6423
Ion Ratio Lower Upper
56 100
69 154.3 29.8 44.6#
84 81.8 68.1 102.1

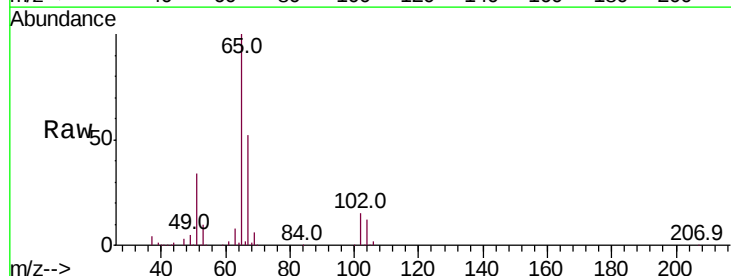


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

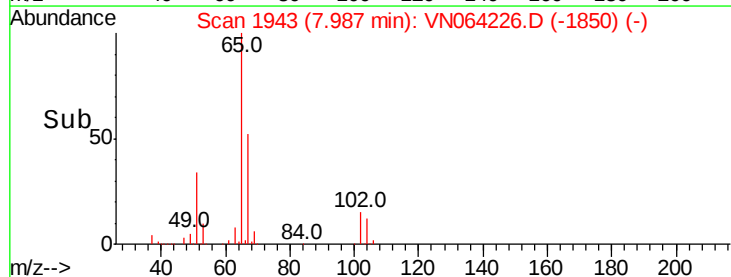
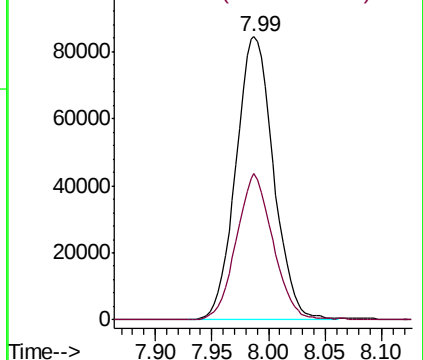


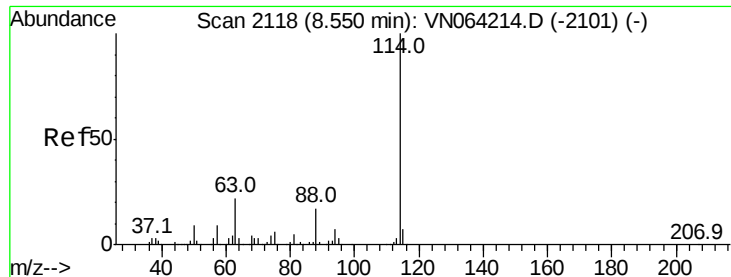
#33
1,2-Dichloroethane-d4
Concen: 51.818 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064226.D
Acq: 21 Oct 2020 17:09

Tgt Ion: 65 Resp: 195543
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.2



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

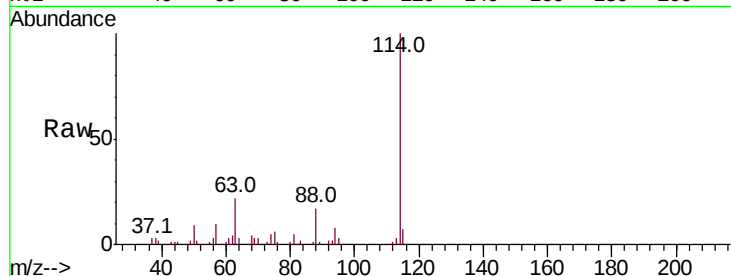




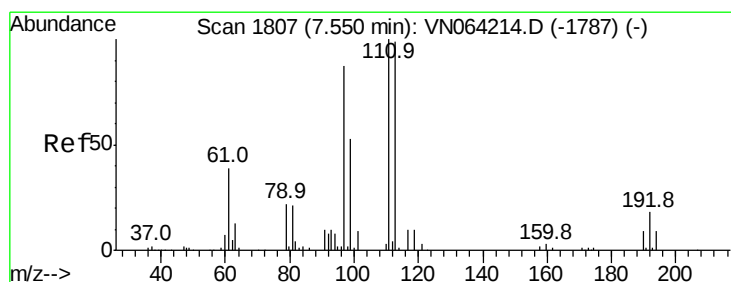
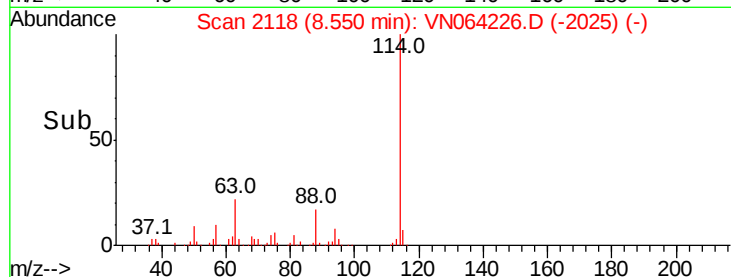
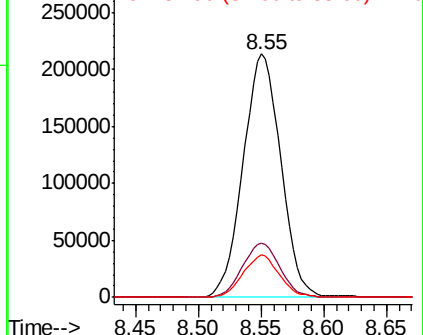
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064226.D
Acq: 21 Oct 2020 17:09

Instrument :
MSVOA_N
ClientSampleId :
CAPEMAY-ST-DRUM

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.0
88	17.4	0.0	34.2

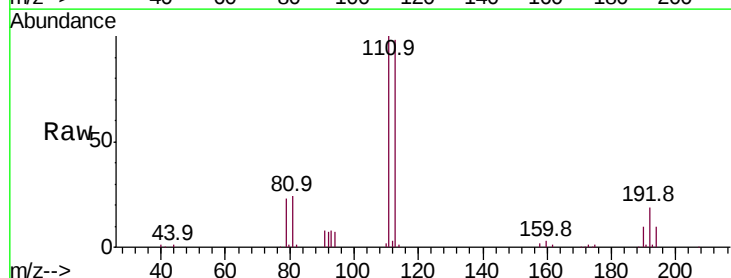


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

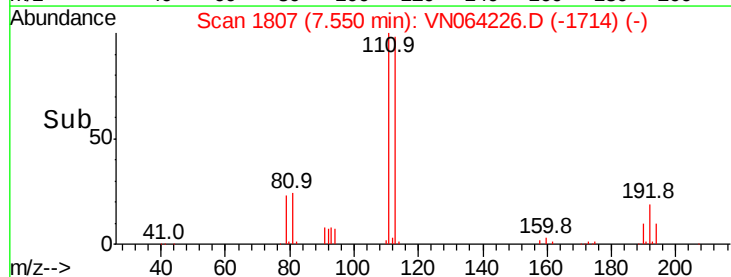
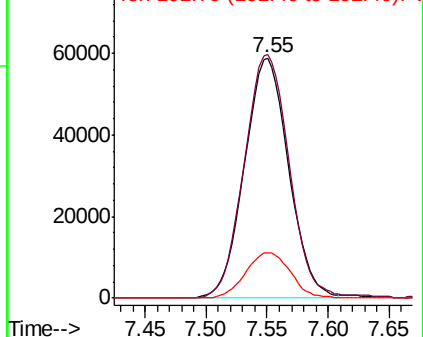


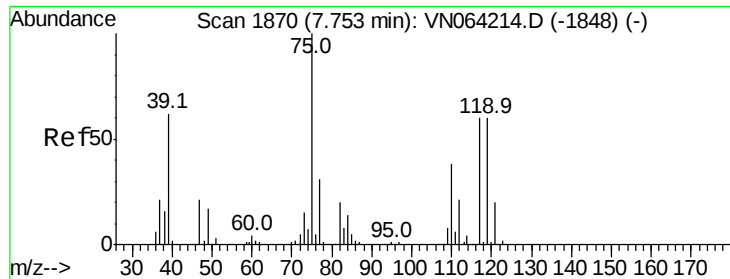
#35
Dibromofluoromethane
Concen: 49.531 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064226.D
Acq: 21 Oct 2020 17:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	84.2	126.2
192	19.2	15.2	22.8



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: 4.863 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN064226.D

Acq: 21 Oct 2020 17:09

Instrument :

MSVOA_N

ClientSampleId :

CAPEMAY-ST-DRUM

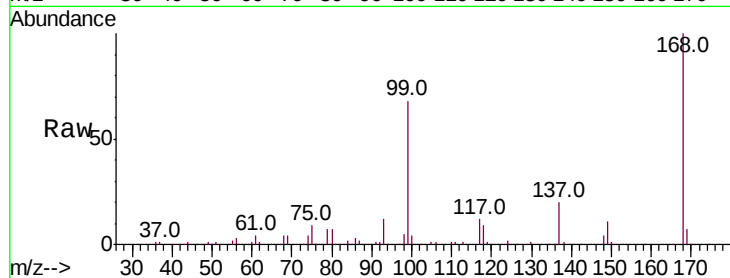
Tot Ion: 75 Resp: 21718

Ion Ratio Lower Upper

75 100

110 10.9 17.2 51.6#

77 0.0 24.9 37.3#



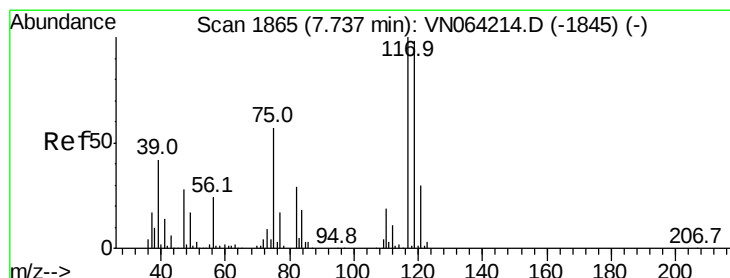
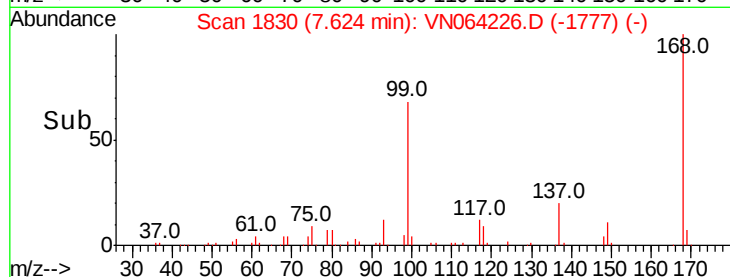
Abundance Ion 74.90 (74.60 to 75.60): VN064214.D (-1848) (-)

Ion 109.90 (109.60 to 110.60): VN064214.D (-1848) (-)

Ion 76.90 (76.60 to 77.60): VN064214.D (-1848) (-)

7.62

Time-->



#38

Carbon Tetrachloride

Concen: 5.576 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN064226.D

Acq: 21 Oct 2020 17:09

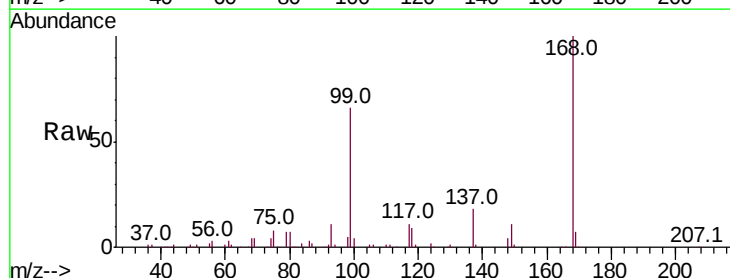
Tgt Ion: 117 Resp: 28332

Ion Ratio Lower Upper

117 100

119 4.4 78.5 117.7#

121 0.0 24.3 36.5#



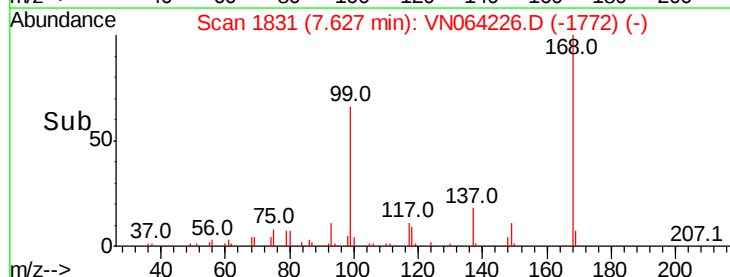
Abundance Ion 116.80 (116.50 to 117.50): VN064214.D (-1845) (-)

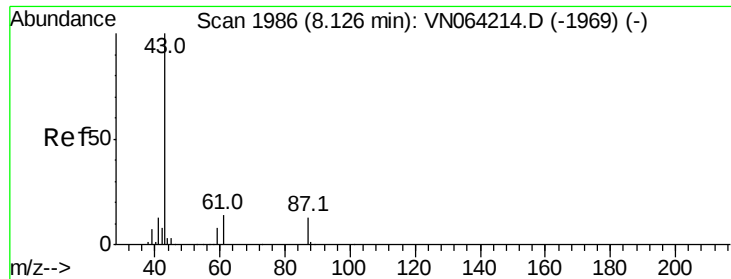
Ion 118.80 (118.50 to 119.50): VN064214.D (-1845) (-)

Ion 120.80 (120.50 to 121.50): VN064214.D (-1845) (-)

7.63

Time-->





#43

Isopropyl Acetate

Concen: 2.158 ug/l

RT: 8.20 min Scan# 2010

Delta R.T. 0.08 min

Lab File: VN064226.D

Acq: 21 Oct 2020 17:09

Instrument :

MSVOA_N

ClientSampleId :

CAPEMAY-ST-DRUM

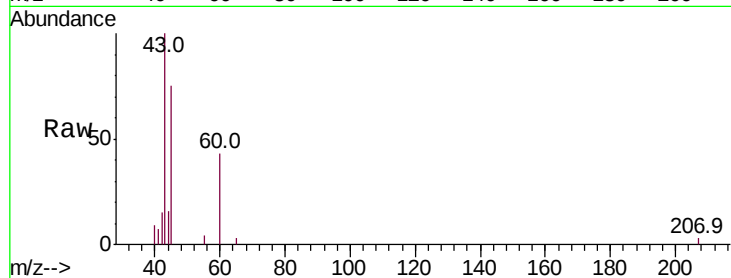
Tot Ion: 43 Resp: 16312

Ion Ratio Lower Upper

43 100

61 0.0 19.6 29.4#

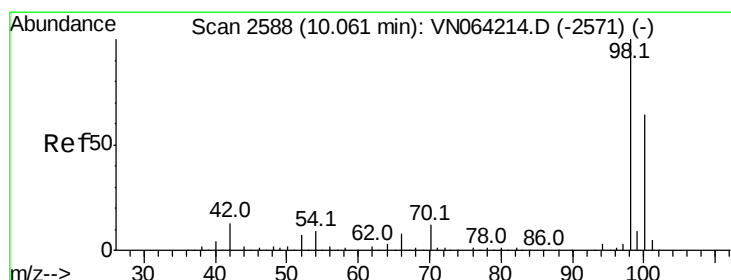
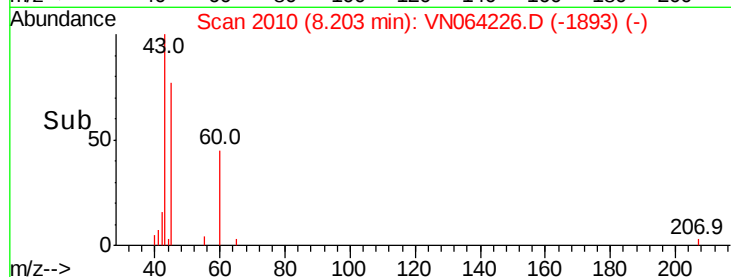
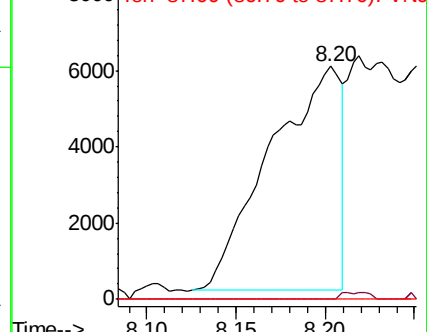
87 0.0 9.8 14.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 52.074 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064226.D

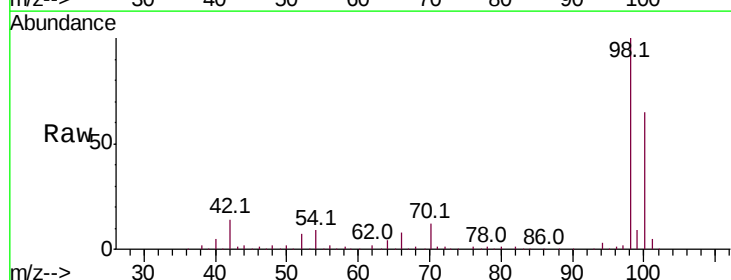
Acq: 21 Oct 2020 17:09

Tgt Ion: 98 Resp: 562615

Ion Ratio Lower Upper

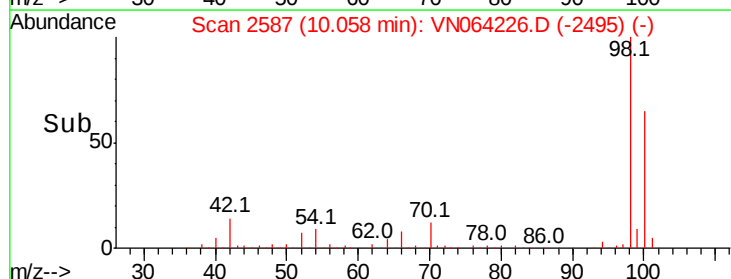
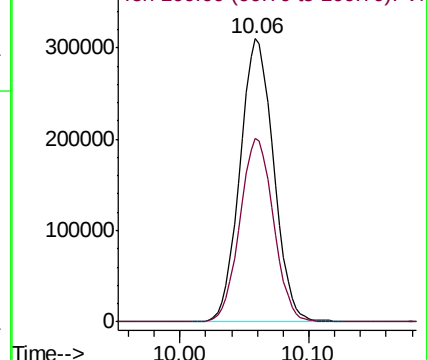
98 100

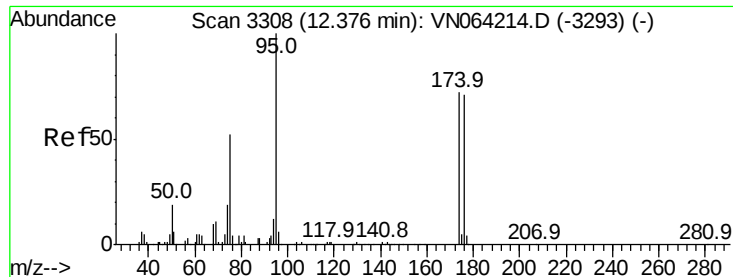
100 64.7 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 58.559 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064226.D

Acq: 21 Oct 2020 17:09

Instrument :

MSVOA_N

ClientSampleId :

CAPEMAY-ST-DRUM

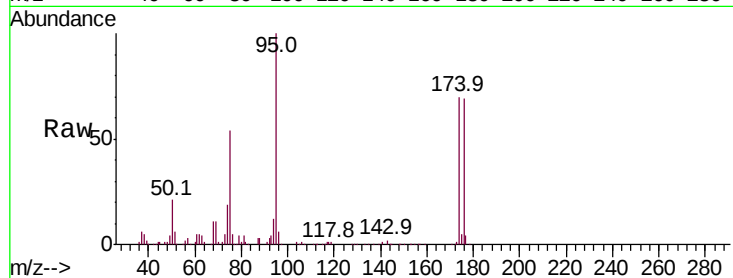
Tot Ion: 95 Resp: 256486

Ion Ratio Lower Upper

95 100

174 69.7 0.0 144.4

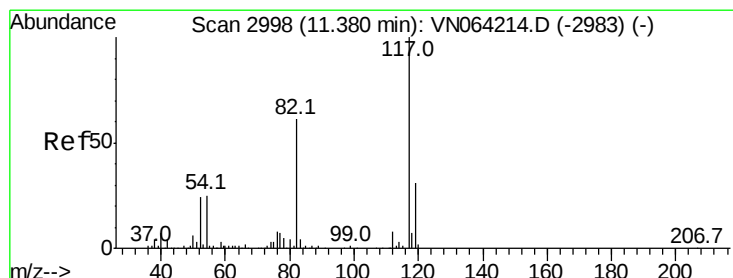
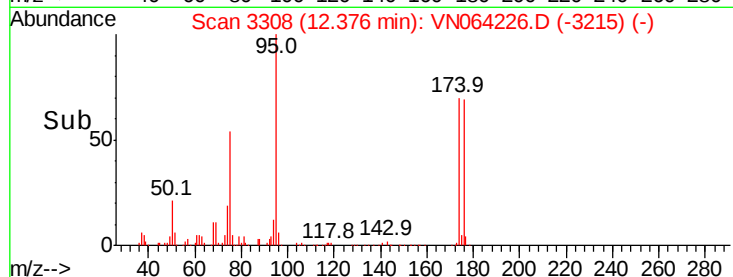
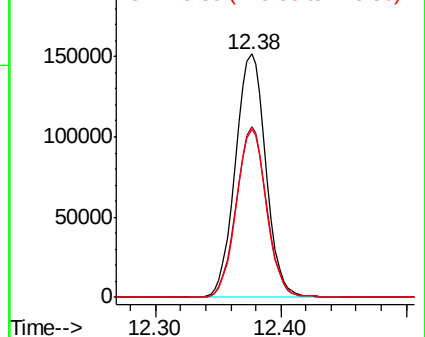
176 68.3 0.0 139.2



Abundance Ion 94.90 (94.60 to 95.60): VN064226.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064226.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064226.D (-3293) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064226.D

Acq: 21 Oct 2020 17:09

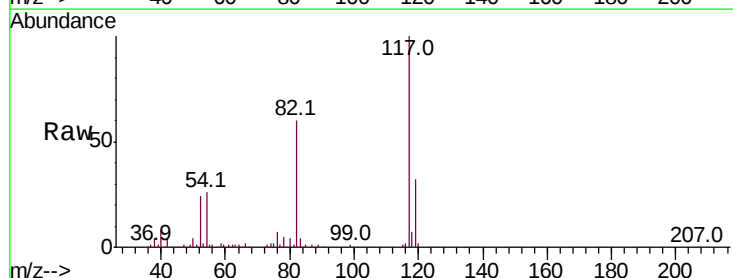
Tgt Ion: 117 Resp: 451490

Ion Ratio Lower Upper

117 100

82 60.1 48.8 73.2

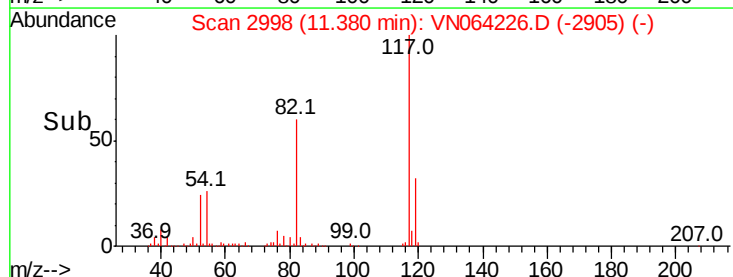
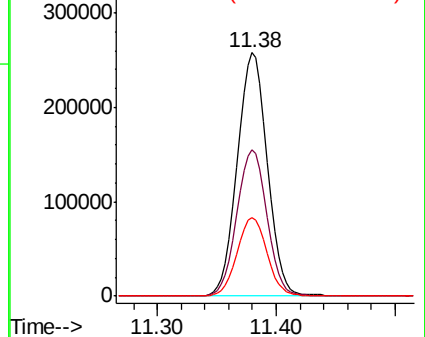
119 32.3 24.7 37.1

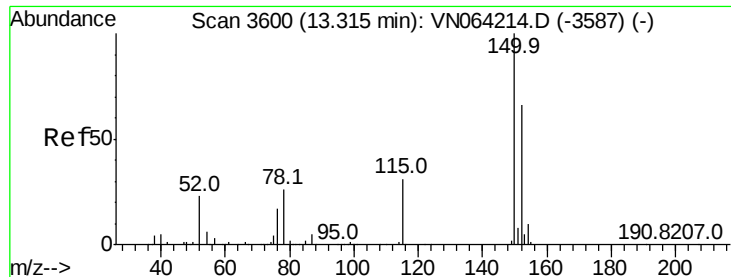


Abundance Ion 116.90 (116.60 to 117.60): VN064226.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN064226.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN064226.D (-2983) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064226.D

Acq: 21 Oct 2020 17:09

Instrument :

MSVOA_N

ClientSampleId :

CAPEMAY-ST-DRUM

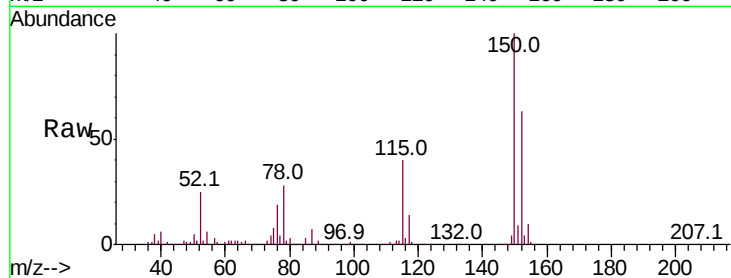
Tot Ion:152 Resp: 207986

Ion Ratio Lower Upper

152 100

115 64.9 32.0 96.2

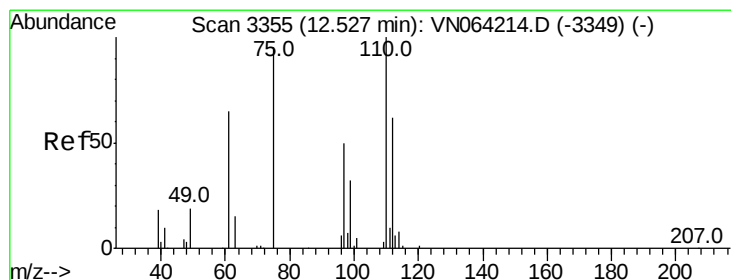
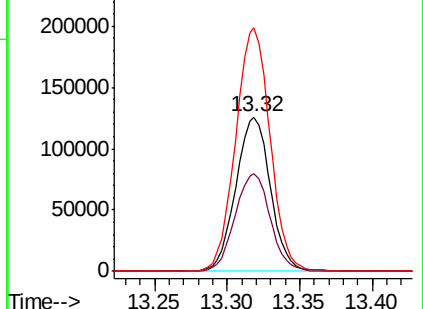
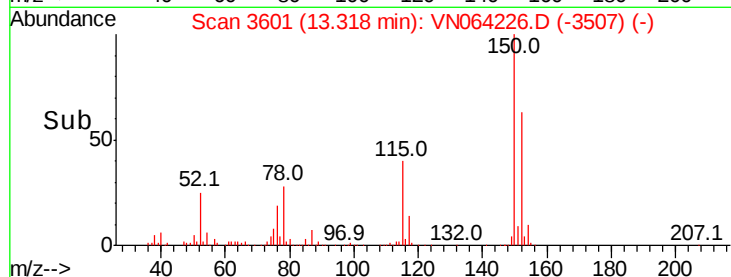
150 157.7 0.0 356.6



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: 31.401 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064226.D

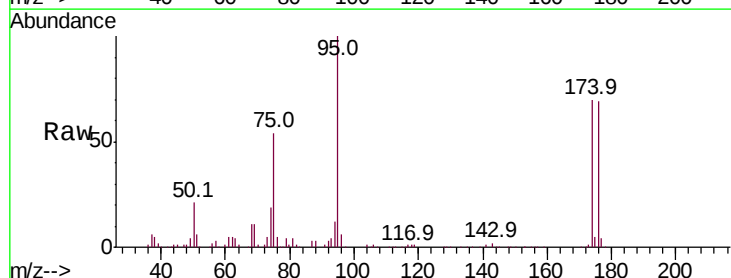
Acq: 21 Oct 2020 17:09

Tgt Ion: 75 Resp: 137685

Ion Ratio Lower Upper

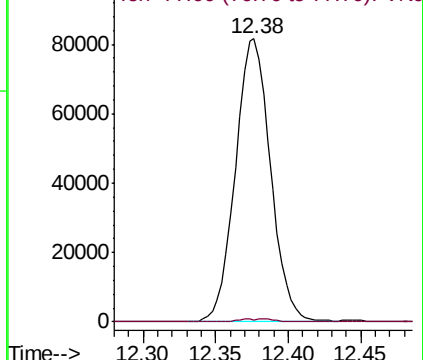
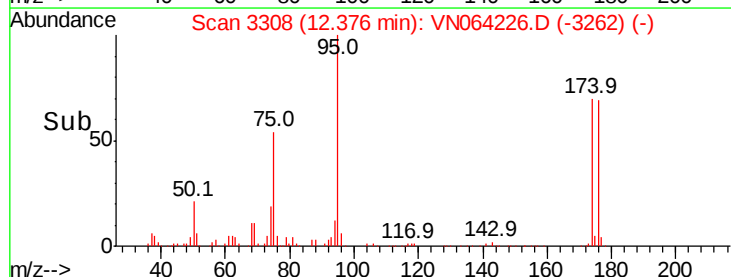
75 100

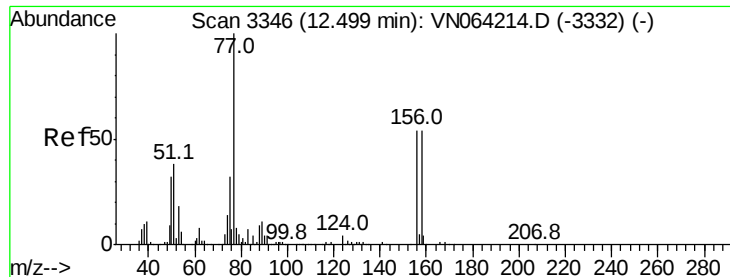
77 0.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#77

Bromobenzene

Concen: 0.393 ug/l

RT: 12.46 min Scan# 3333

Delta R.T. -0.04 min

Lab File: VN064226.D

Acq: 21 Oct 2020 17:09

Instrument :

MSVOA_N

ClientSampleId :

CAPEMAY-ST-DRUM

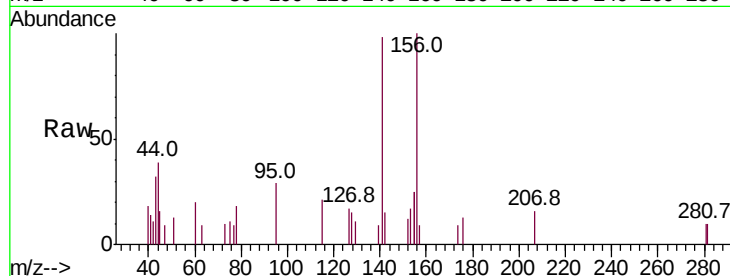
Tot Ion:156 Resp: 1473

Ion Ratio Lower Upper

156 100

77 10.0 111.1 333.4#

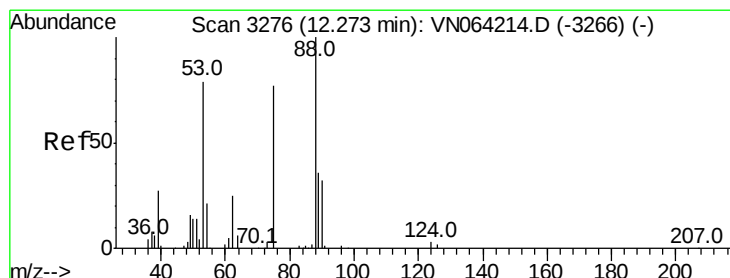
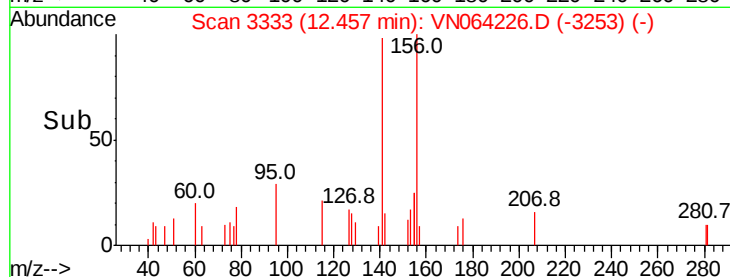
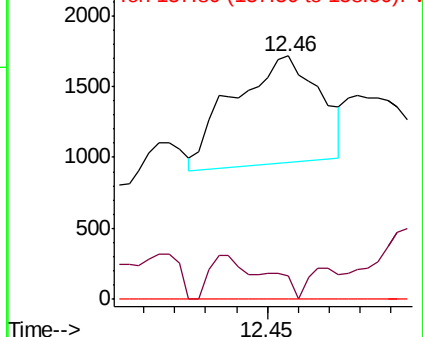
158 0.0 50.0 150.1#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 79.279 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064226.D

Acq: 21 Oct 2020 17:09

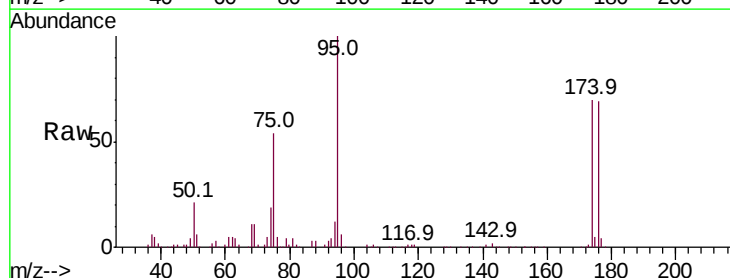
Tgt Ion: 75 Resp: 137685

Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.4#

89 0.0 38.7 58.1#



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

