

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101520\
 Data File : VN064157.D
 Acq On : 15 Oct 2020 20:43
 Operator : JC/MD
 Sample : L4417-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

Quant Time: Oct 16 02:28:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	285886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	546123	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	586839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	269062	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	220143	54.07	ug/l	0.00
Spiked Amount 50.000			Recovery =	108.14%		
35) Dibromofluoromethane	7.55	113	184318	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.52%		
50) Toluene-d8	10.06	98	735841	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.18%		
62) 4-Bromofluorobenzene	12.38	95	285136	58.16	ug/l	0.00
Spiked Amount 50.000			Recovery =	116.32%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	979	0.292	ug/l	99
11) Tert butyl alcohol	4.73	59	237	0.526	ug/l #	71
13) Acrolein	3.76	56	7062	19.071	ug/l #	41
14) Allyl chloride	4.49	41	20834	4.689	ug/l #	38
16) Acetone	3.76	43	10540	8.727	ug/l #	64
18) Methyl Acetate	4.49	43	34025	11.231	ug/l #	51
20) Methylene Chloride	4.50	84	2493	0.667	ug/l #	59
30) Chloroform	7.29	83	4651	0.724	ug/l #	18
31) Cyclohexane	7.62	56	26725	5.937	ug/l #	76
36) 1,1-Dichloropropene	7.63	75	23270	4.421	ug/l #	51
38) Carbon Tetrachloride	7.62	117	28560	5.046	ug/l #	17
39) Methylcyclohexane	9.05	83	14696	3.321	ug/l #	77
43) Isopropyl Acetate	8.12	43	3913	0.505	ug/l #	59
47) Bromodichloromethane	9.35	83	4292	0.740	ug/l #	25
48) Methyl methacrylate	9.19	41	6498	1.815	ug/l #	30
51) 4-Methyl-2-Pentanone	9.99	43	10688	2.330	ug/l #	61
55) 1,1,2-Trichloroethane	10.50	97	10354	2.552	ug/l #	20
56) Ethyl methacrylate	10.41	69	1423	2.530	ug/l #	54
58) 2-Chloroethyl Vinyl ether	9.71	63	64	12.240	ug/l #	48
59) 2-Hexanone	10.74	43	377	6.941	ug/l	68
60) Dibromochloromethane	10.61	129	1136	0.249	ug/l #	11
64) Tetrachloroethene	10.60	164	1257	0.284	ug/l	91
67) Ethyl Benzene	11.49	91	264630	12.783	ug/l	99
68) m/p-Xylenes	11.60	106	13387	3.726	ug/l	86
71) Bromoform	12.38	173	1046	2.488	ug/l #	1
73) Isopropylbenzene	12.23	105	2179981	111.854	ug/l	100
76) 1,2,3-Trichloropropane	12.57	75	21379	3.387	ug/l #	100
78) n-propylbenzene	12.57	91	3103841	142.686	ug/l	100
79) 2-Chlorotoluene	12.57	91	3103841	224.349	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.71	105	196044	12.532	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.23	75	26424	12.789	ug/l #	64
82) 4-Chlorotoluene	12.57	91	3103841	222.601	ug/l #	41
84) 1,2,4-Trimethylbenzene	13.02	105	130822	8.178	ug/l	99
85) sec-Butylbenzene	13.15	105	177831	10.692	ug/l #	62

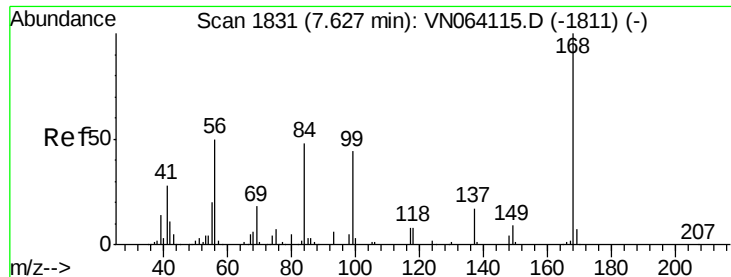
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101520\
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Quant Title : SW846 8260
QLast Update : Thu Oct 15 01:16:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.35	119	34646	2.835	ug/l #	1
89) n-Butylbenzene	13.59	91	186795	15.413	ug/l #	76
90) Hexachloroethane	13.86	117	86297	31.178	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.26	75	375	0.290	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.89	180	66	3.195	ug/l #	14
95) Naphthalene	15.10	128	225708	19.634	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064157.D

Acq: 15 Oct 2020 20:43

Instrument :

MSVOA_N

ClientSampled :

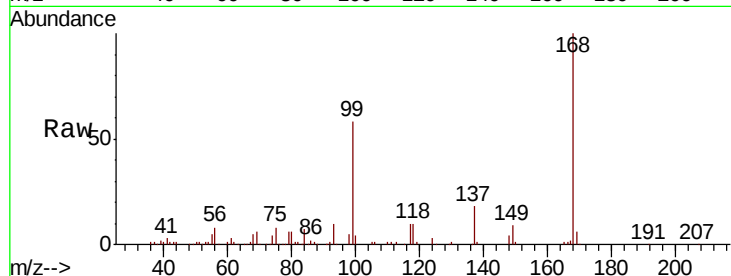
MW-14

Tot Ion:168 Resp: 285886

Ion Ratio Lower Upper

168 100

99 58.4 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

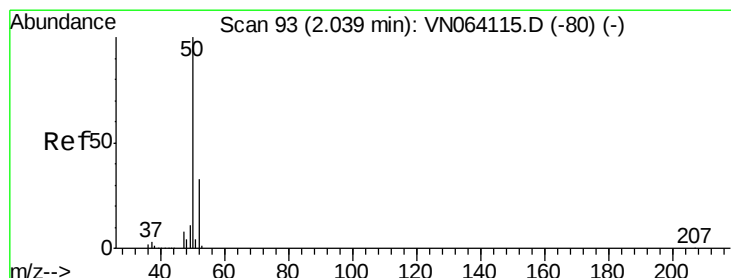
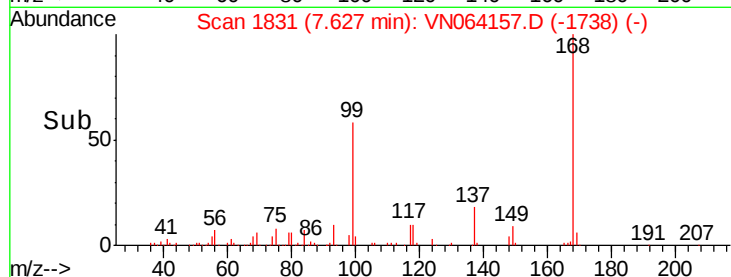
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.292 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064157.D

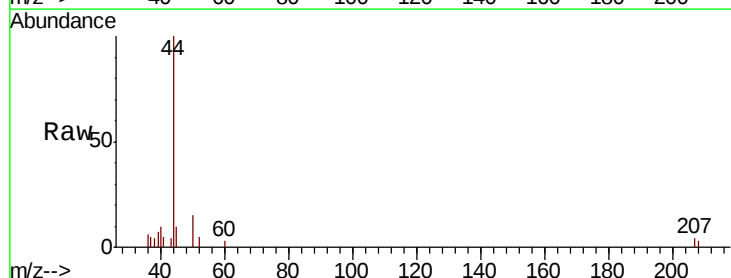
Acq: 15 Oct 2020 20:43

Tgt Ion: 50 Resp: 979

Ion Ratio Lower Upper

50 100

52 32.1 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

800

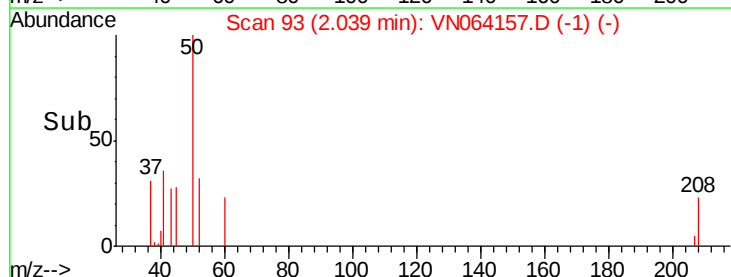
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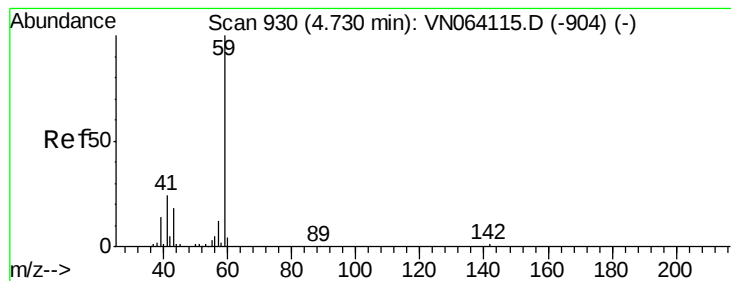
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200

0

Time--> 2.00 2.02 2.04 2.06



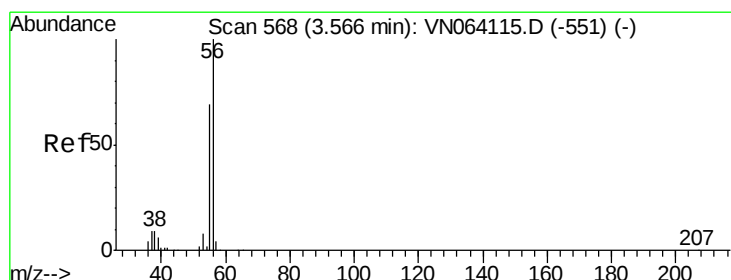
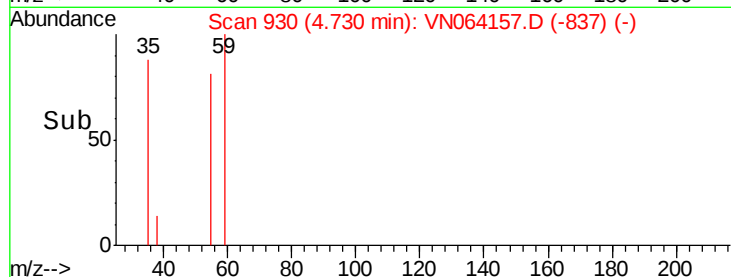
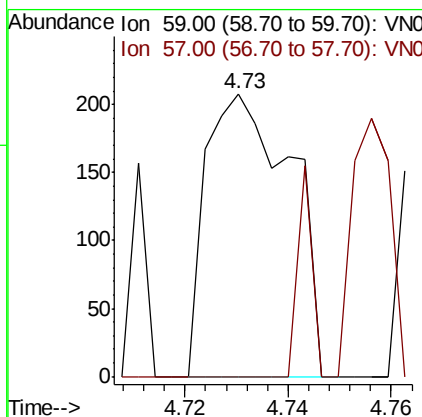
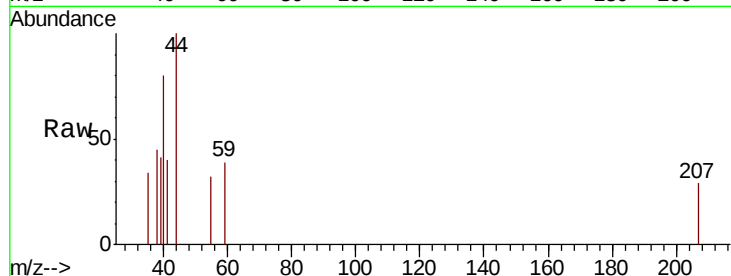


#11

Tert butyl alcohol
 Concen: 0.526 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VN064157.D
 Acq: 15 Oct 2020 20:43

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

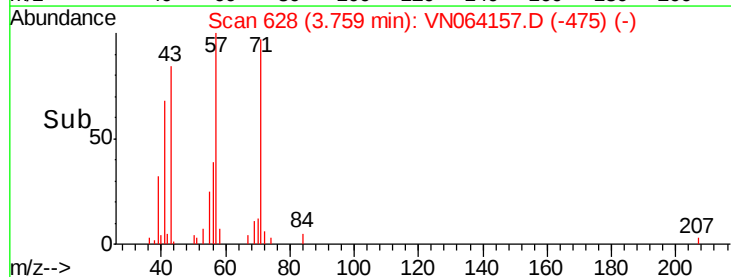
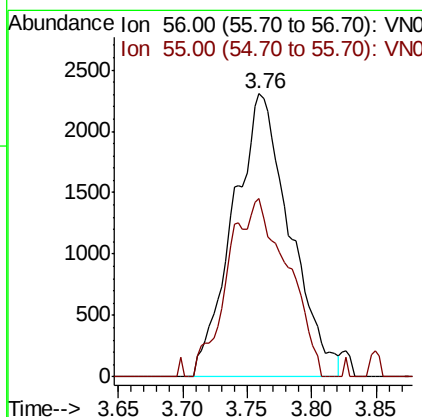
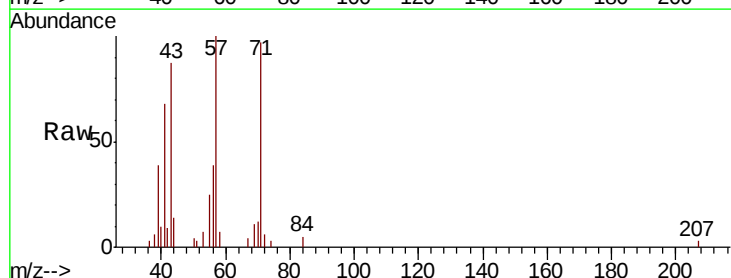
Tot Ion: 59 Resp: 237
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.9 13.3#

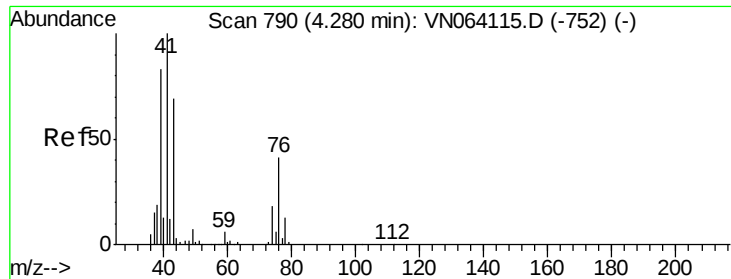


#13

Acrolein
 Concen: 19.071 ug/l
 RT: 3.76 min Scan# 628
 Delta R.T. 0.19 min
 Lab File: VN064157.D
 Acq: 15 Oct 2020 20:43

Tgt Ion: 56 Resp: 7062
 Ion Ratio Lower Upper
 56 100
 55 21.3 55.8 83.6#

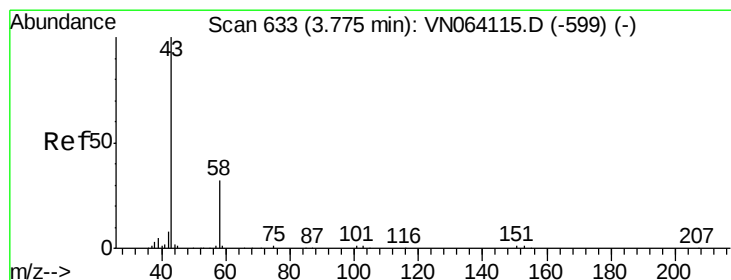
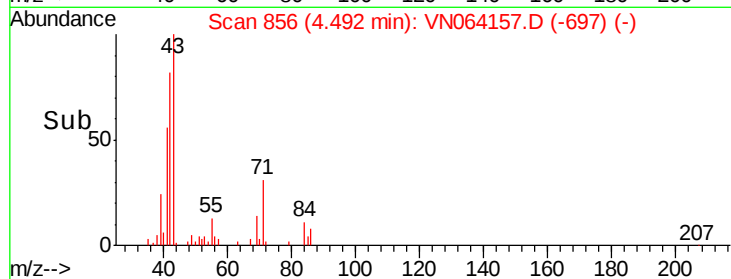
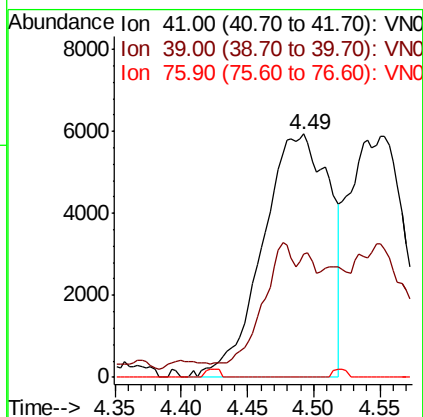
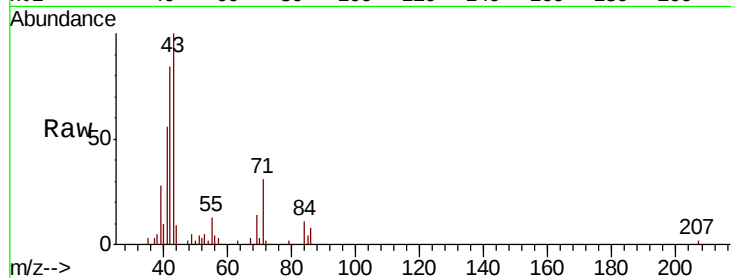




#14
Allvl chloride
Concen: 4.689 ug/l
RT: 4.49 min Scan# 856
Delta R.T. 0.21 min
Lab File: VN064157.D
Acq: 15 Oct 2020 20:43

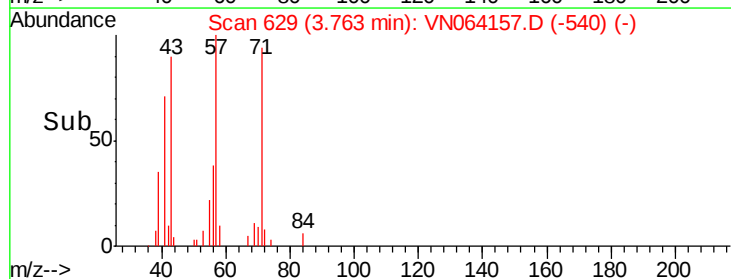
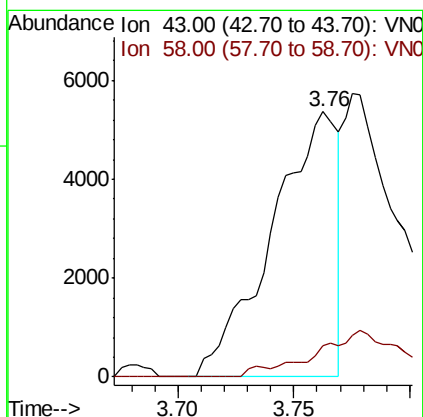
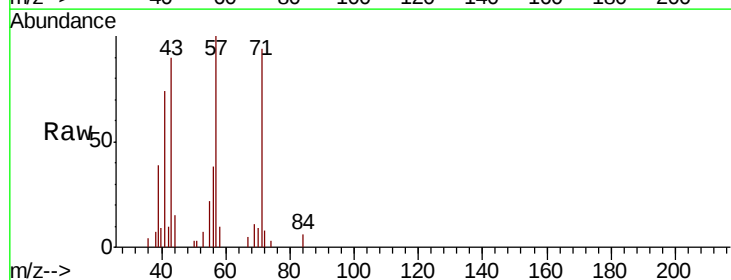
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ClientSampled :
MW-14

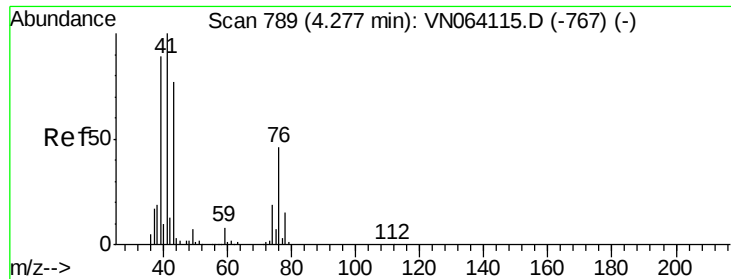
Tot Ion: 41 Resp: 20834
Ion Ratio Lower Upper
41 100
39 22.4 60.5 90.7#
76 0.0 29.5 44.3#



#16
Acetone
Concen: 8.727 ug/l
RT: 3.76 min Scan# 629
Delta R.T. -0.01 min
Lab File: VN064157.D
Acq: 15 Oct 2020 20:43

Tgt Ion: 43 Resp: 10540
Ion Ratio Lower Upper
43 100
58 11.6 25.2 37.8#

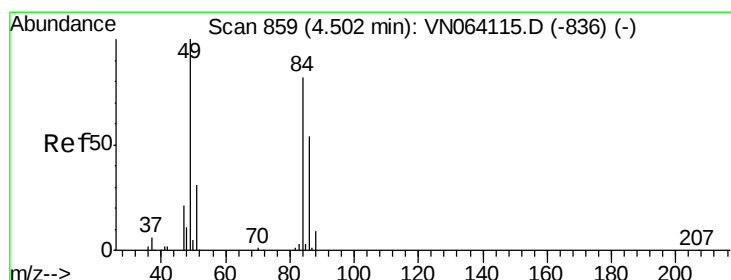
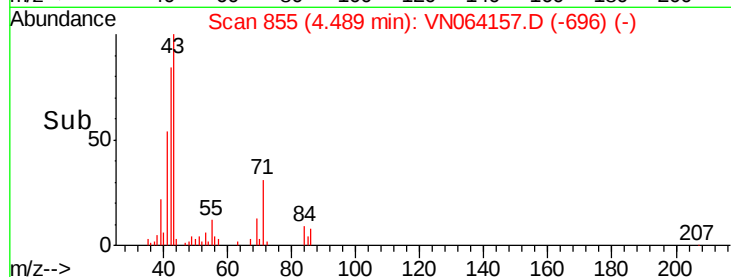
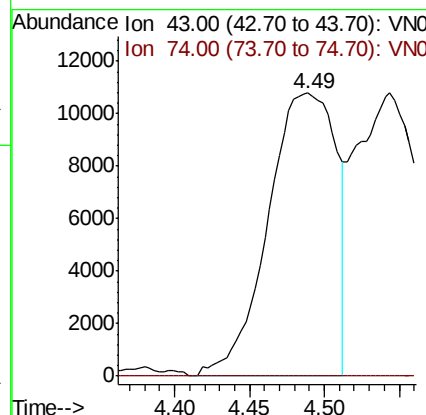
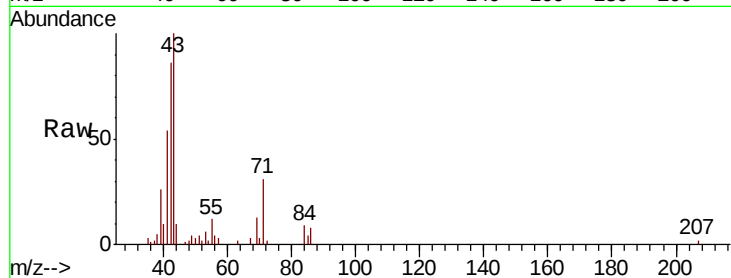




#18
Methyl Acetate
Concen: 11.231 ug/l
RT: 4.49 min Scan# 855
Delta R.T. 0.21 min
Lab File: VN064157.D
Acq: 15 Oct 2020 20:43

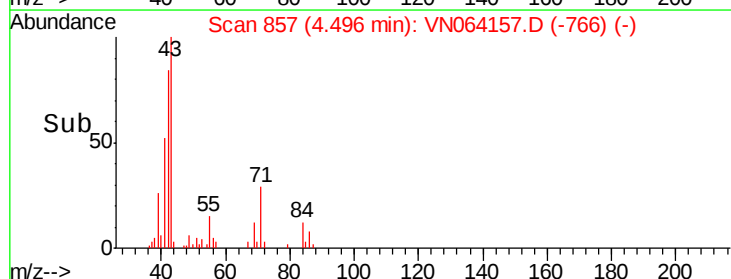
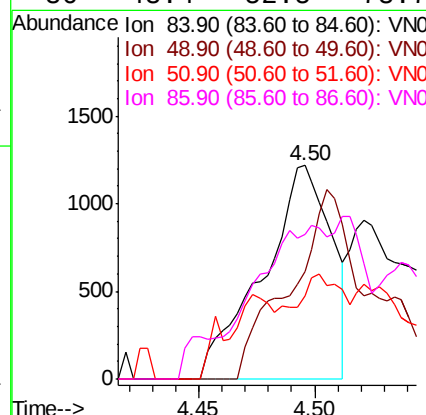
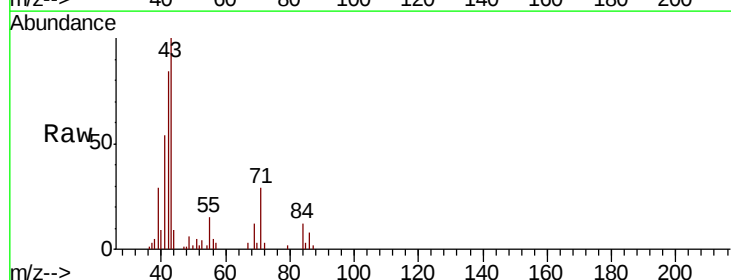
Instrument :
MSVOA_N
ClientSampled :
MW-14

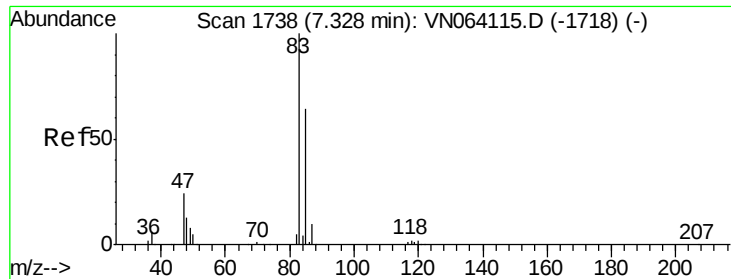
Tot Ion: 43 Resp: 34025
Ion Ratio Lower Upper
43 100
74 0.0 19.7 29.5#



#20
Methylene Chloride
Concen: 0.667 ug/l
RT: 4.50 min Scan# 857
Delta R.T. -0.01 min
Lab File: VN064157.D
Acq: 15 Oct 2020 20:43

Tgt Ion: 84 Resp: 2493
Ion Ratio Lower Upper
84 100
49 50.5 97.4 146.0#
51 39.1 29.7 44.5
86 48.4 52.5 78.7#

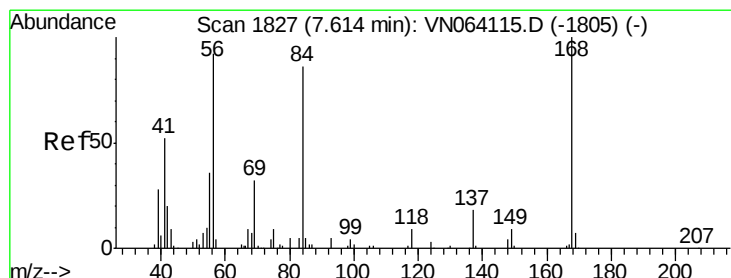
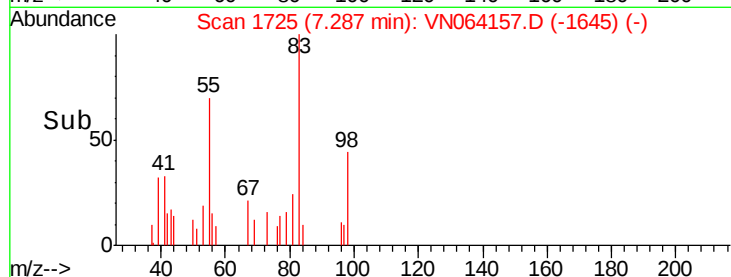
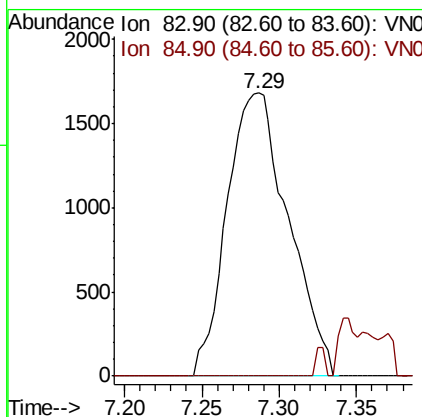
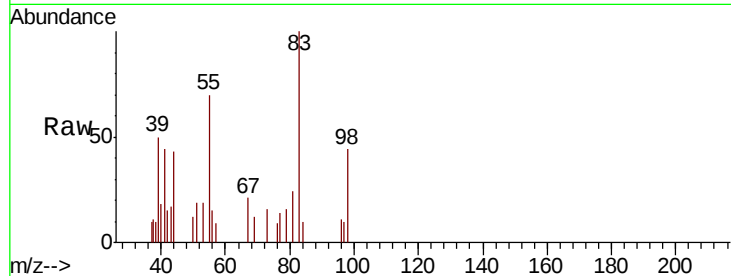




#30
Chloroform
Concen: 0.724 ug/l
RT: 7.29 min Scan# 1725
Delta R.T. -0.04 min
Lab File: VN064157.D
Acq: 15 Oct 2020 20:43

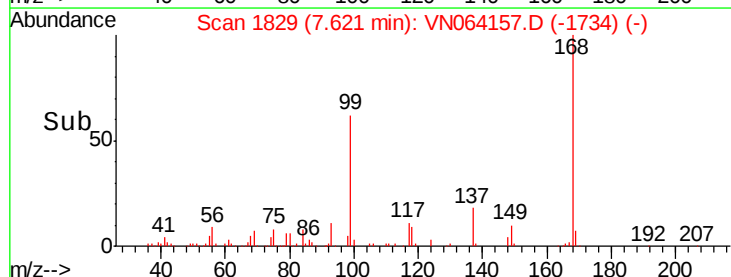
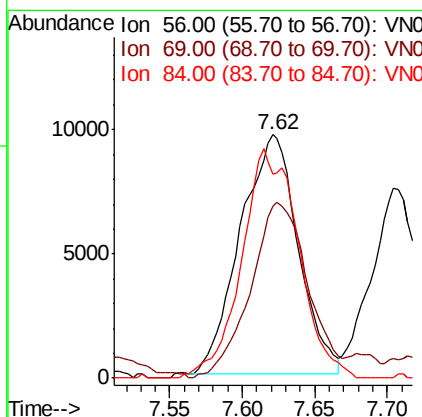
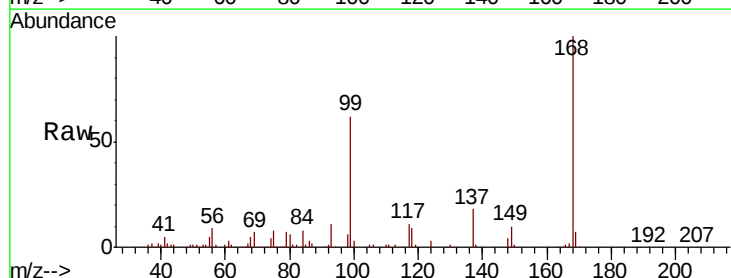
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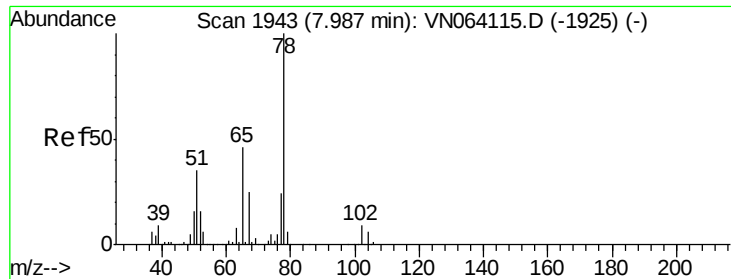
Tot Ion: 83 Resp: 4651
Ion Ratio Lower Upper
83 100
85 0.0 51.5 77.3#



#31
Cyclohexane
Concen: 5.937 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN064157.D
Acq: 15 Oct 2020 20:43

Tgt Ion: 56 Resp: 26725
Ion Ratio Lower Upper
56 100
69 72.0 27.8 41.6#
84 83.4 73.2 109.8

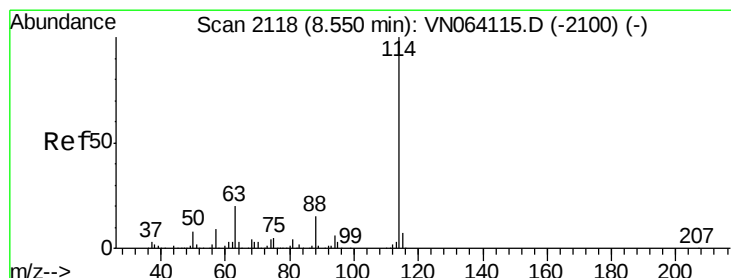
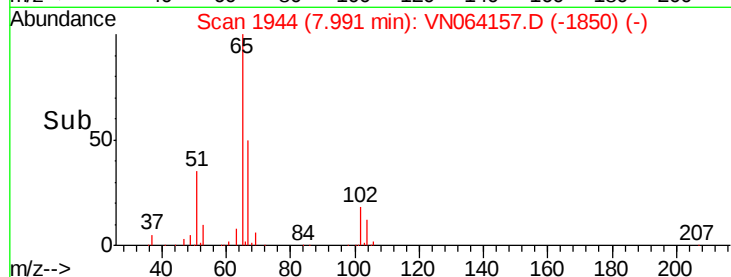
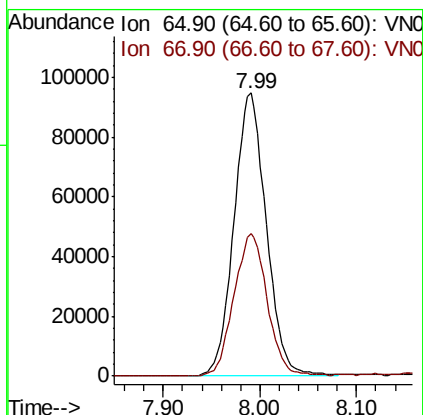
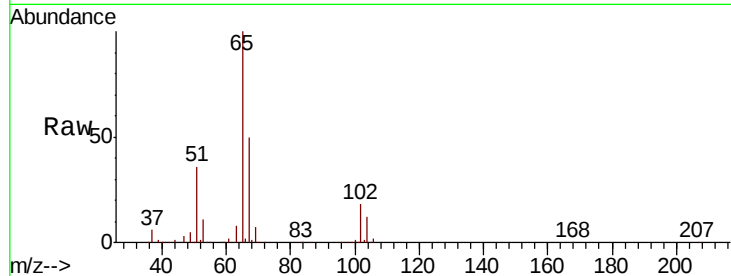




#33
 1,2-Dichloroethane-d4
 Concen: 54.068 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN064157.D
 Acq: 15 Oct 2020 20:43

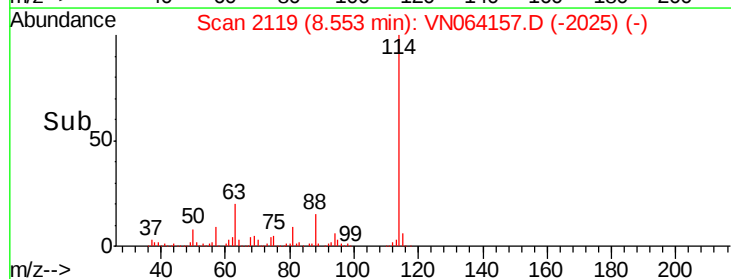
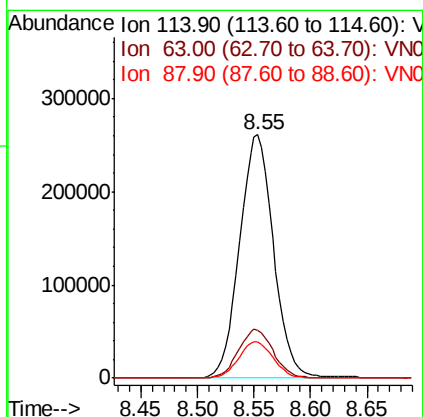
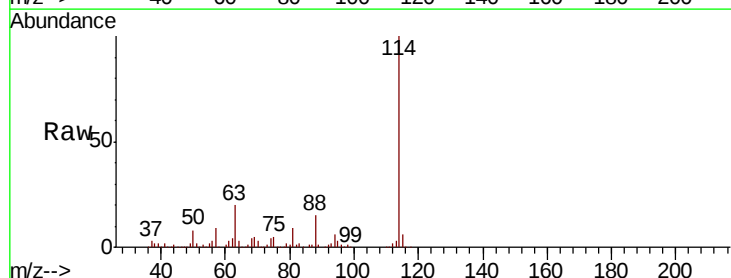
Instrument :
 MSVOA_N
 ClientSampled :
 MW-14

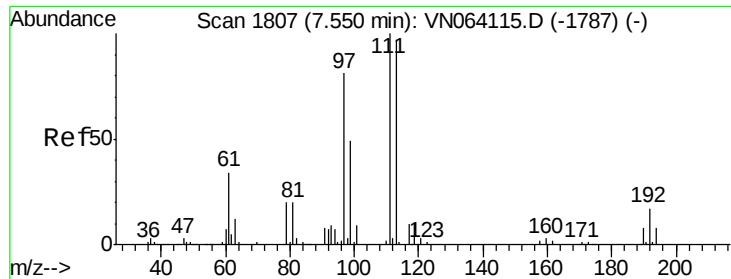
Tot Ion: 65 Resp: 220143
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN064157.D
 Acq: 15 Oct 2020 20:43

Tgt Ion: 114 Resp: 546123
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.0
 88 14.9 0.0 29.2

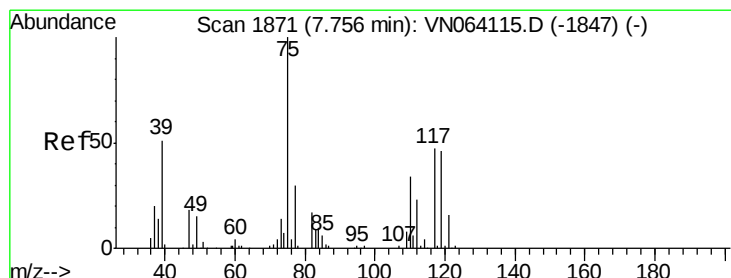
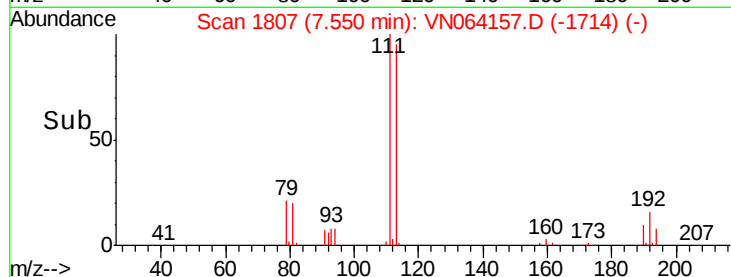
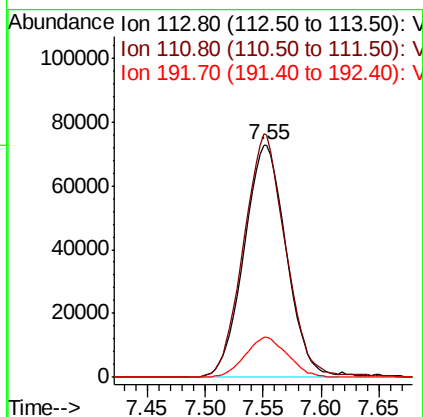
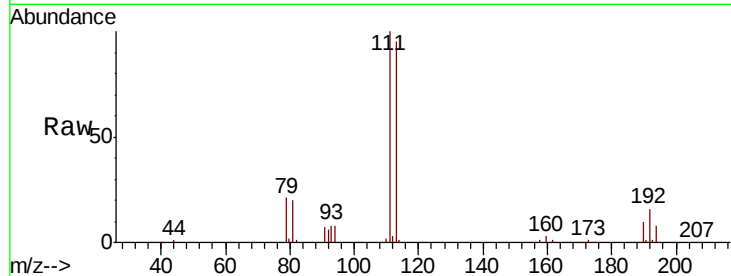




#35
 Dibromofluoromethane
 Concen: 48.762 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064157.D
 Acq: 15 Oct 2020 20:43

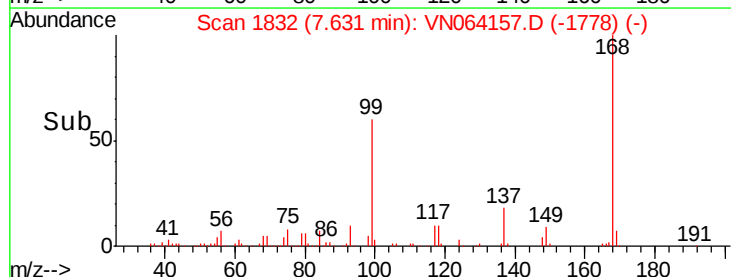
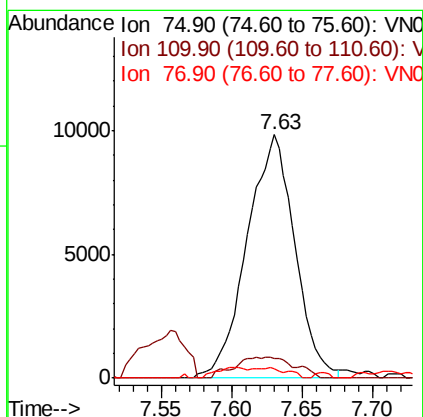
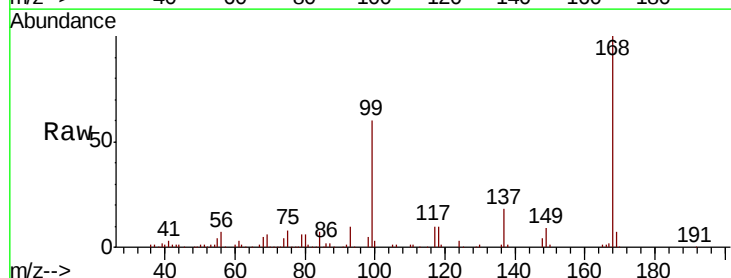
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

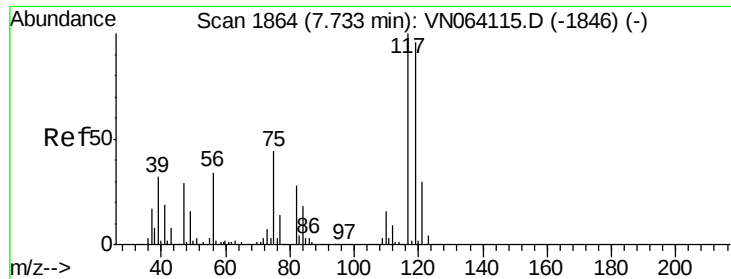
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.9	122.9
192	17.6	14.3	21.5



#36
 1,1-Dichloropropene
 Concen: 4.421 ug/l
 RT: 7.63 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN064157.D
 Acq: 15 Oct 2020 20:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.8	17.8	53.3#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 5.046 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN064157.D

Acq: 15 Oct 2020 20:43

Instrument :

MSVOA_N

ClientSampleId :

MW-14

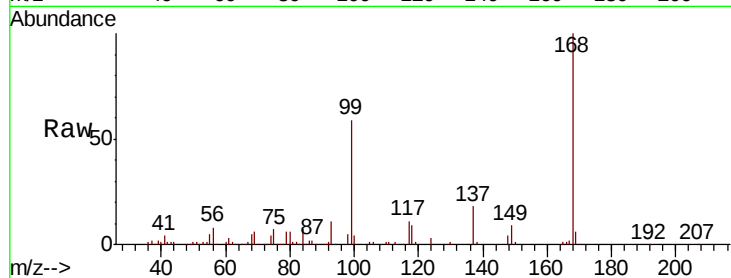
Tot Ion:117 Resp: 28560

Ion Ratio Lower Upper

117 100

119 6.2 77.0 115.4#

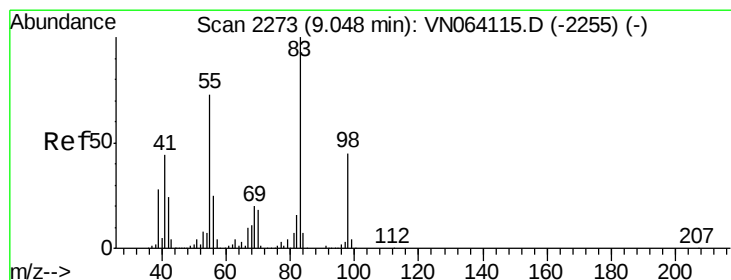
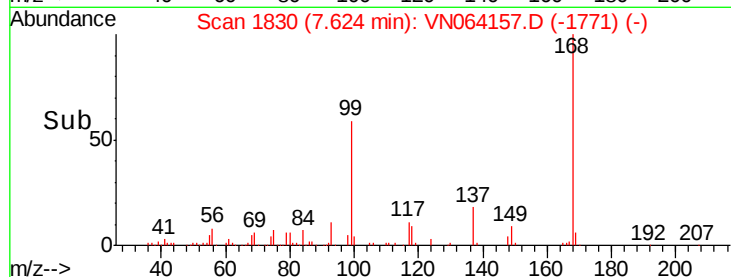
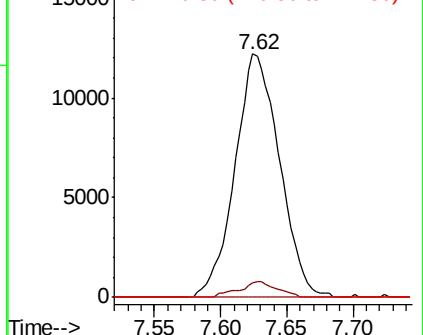
121 0.0 24.2 36.4#



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



#39

Methylcyclohexane

Concen: 3.321 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN064157.D

Acq: 15 Oct 2020 20:43

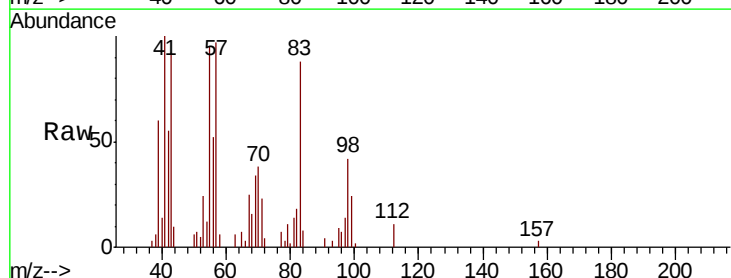
Tgt Ion: 83 Resp: 14696

Ion Ratio Lower Upper

83 100

55 102.6 58.5 87.7#

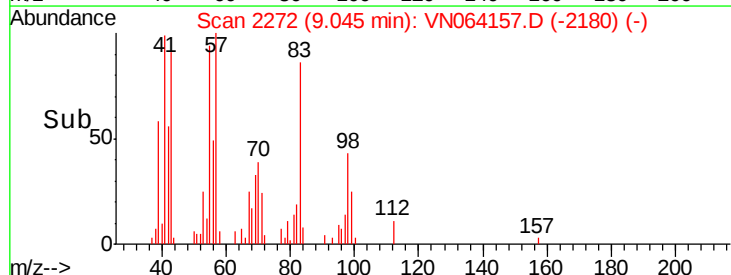
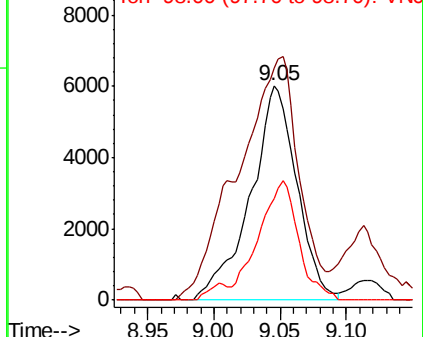
98 47.3 36.2 54.2

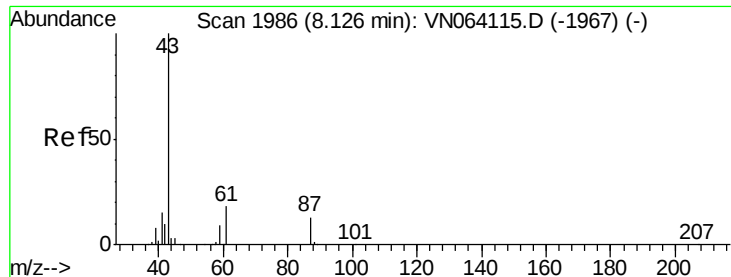


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#43

Isopropyl Acetate

Concen: 0.505 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN064157.D

Acq: 15 Oct 2020 20:43

Instrument :

MSVOA_N

ClientSampleId :

MW-14

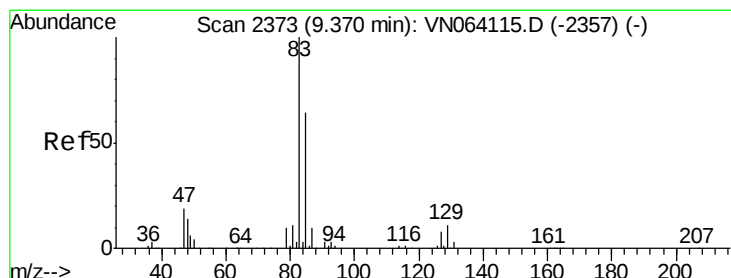
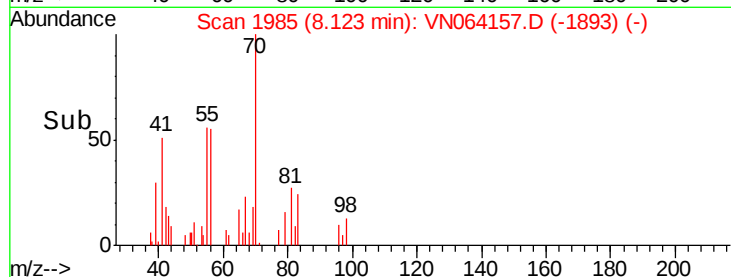
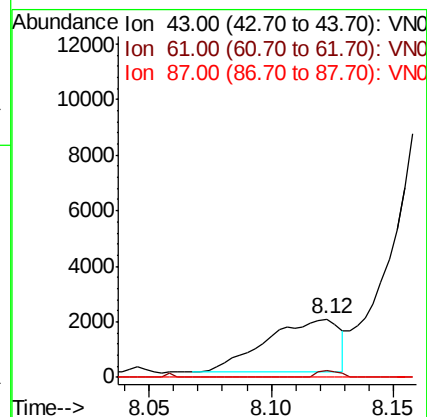
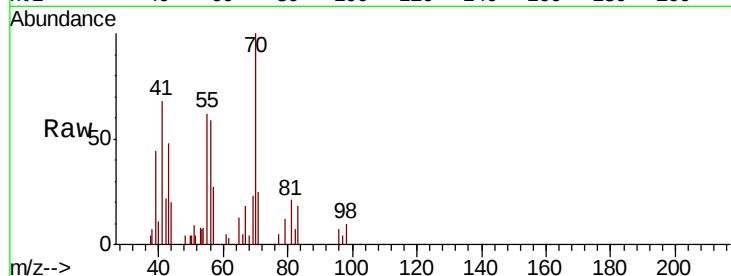
Tot Ion: 43 Resp: 3913

Ion Ratio Lower Upper

43 100

61 3.9 21.9 32.9#

87 0.0 11.0 16.4#



#47

Bromodichloromethane

Concen: 0.740 ug/l

RT: 9.35 min Scan# 2368

Delta R.T. -0.02 min

Lab File: VN064157.D

Acq: 15 Oct 2020 20:43

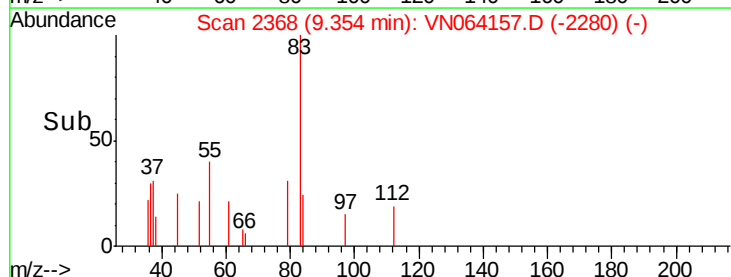
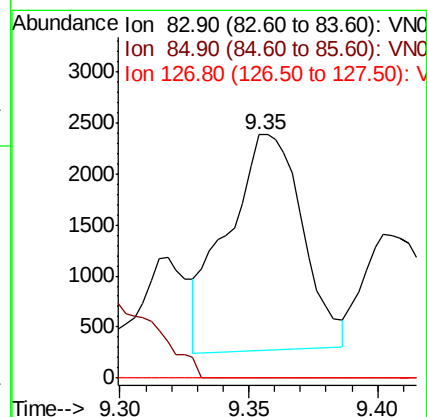
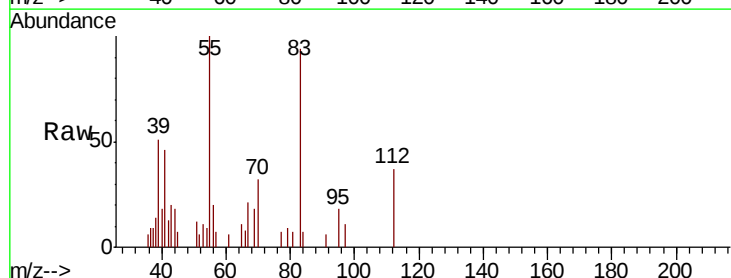
Tgt Ion: 83 Resp: 4292

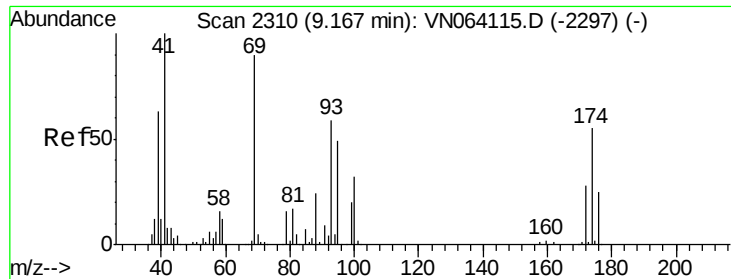
Ion Ratio Lower Upper

83 100

85 0.0 50.8 76.2#

127 0.0 6.6 9.8#

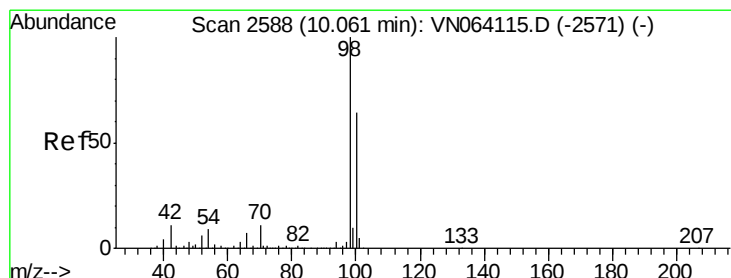
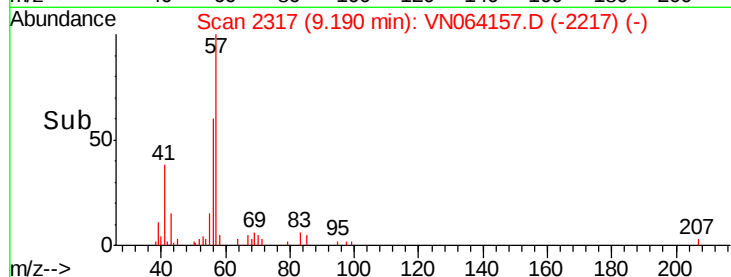
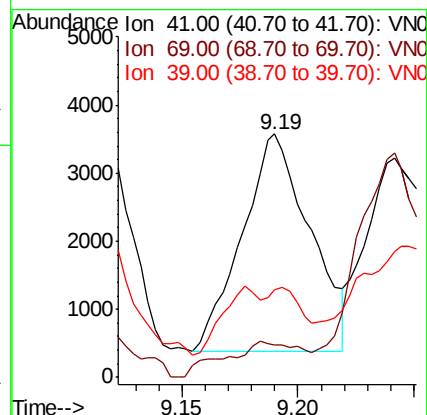
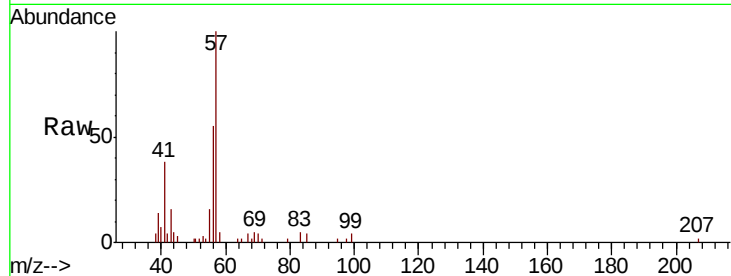




#48
Methyl methacrylate
Concen: 1.815 ug/l
RT: 9.19 min Scan# 2317
Delta R.T. 0.02 min
Lab File: VN064157.D
Acq: 15 Oct 2020 20:43

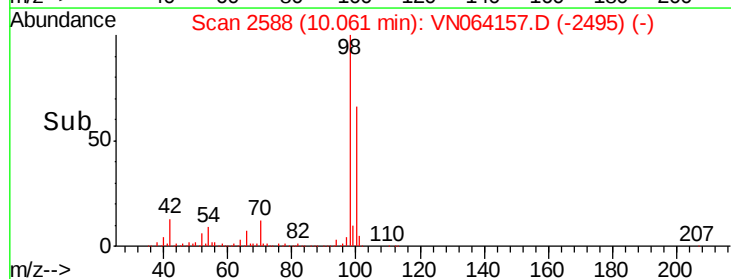
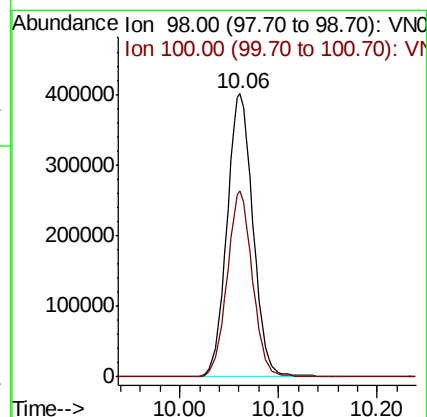
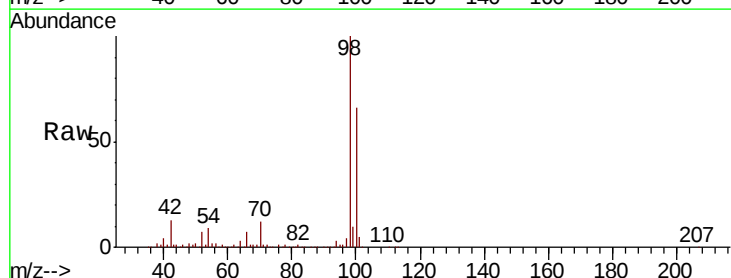
Instrument :
MSVOA_N
ClientSampled :
MW-14

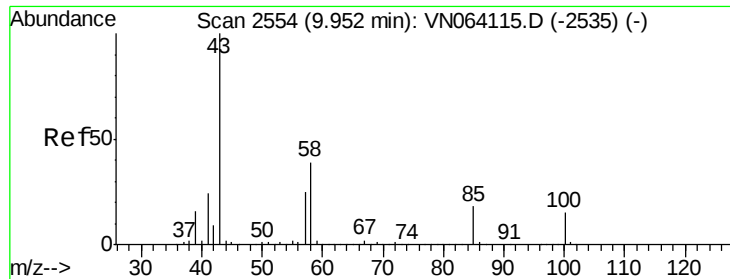
Tot Ion: 41 Resp: 6498
Ion Ratio Lower Upper
41 100
69 18.6 71.4 107.2#
39 16.6 52.5 78.7#



#50
Toluene-d8
Concen: 51.593 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064157.D
Acq: 15 Oct 2020 20:43

Tgt Ion: 98 Resp: 735841
Ion Ratio Lower Upper
98 100
100 64.3 50.8 76.2





#51

4-Methyl-2-Pentanone

Concen: 2.330 ug/l

RT: 9.99 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN064157.D

Acq: 15 Oct 2020 20:43

Instrument :

MSVOA_N

ClientSampled :

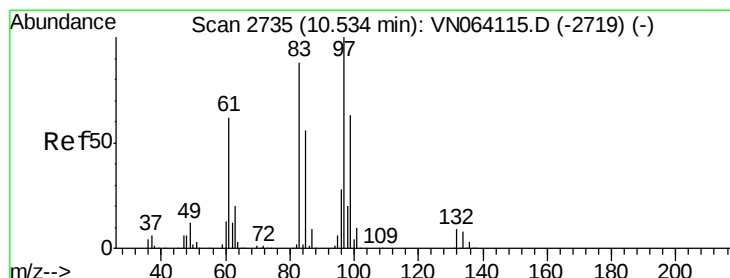
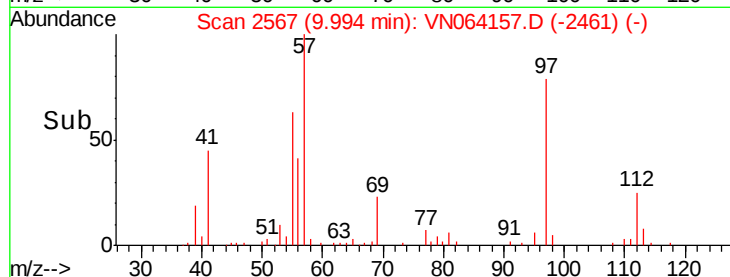
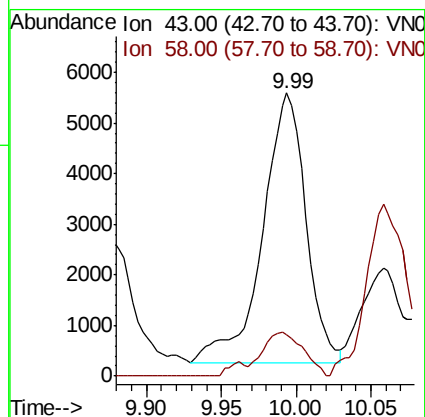
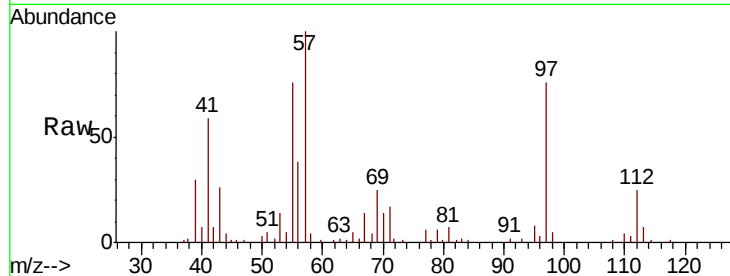
MW-14

Tot Ion: 43 Resp: 10688

Ion Ratio Lower Upper

43 100

58 15.1 31.2 46.8#



#55

1,1,2-Trichloroethane

Concen: 2.552 ug/l

RT: 10.50 min Scan# 2725

Delta R.T. -0.03 min

Lab File: VN064157.D

Acq: 15 Oct 2020 20:43

Tgt Ion: 97 Resp: 10354

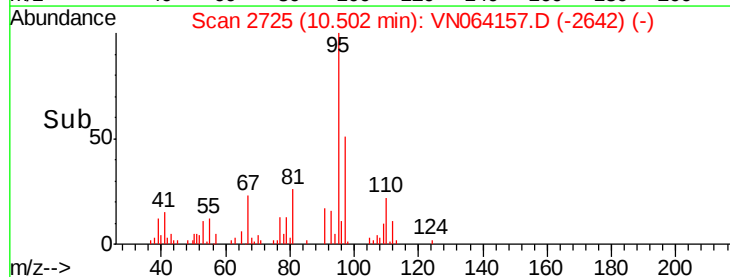
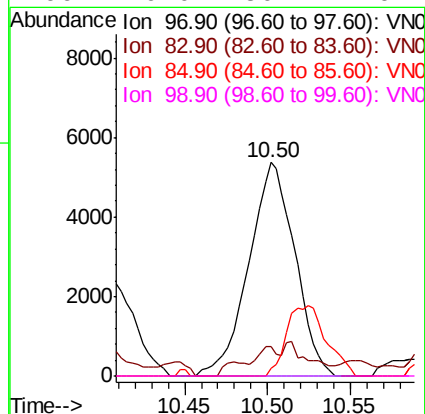
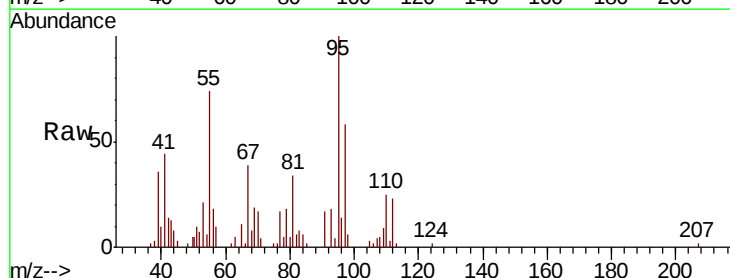
Ion Ratio Lower Upper

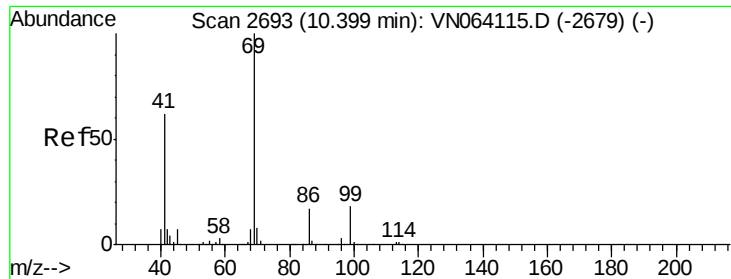
97 100

83 9.9 70.2 105.4#

85 3.5 45.0 67.6#

99 0.0 50.7 76.1#





#56

Ethyl methacrylate

Concen: 2.530 ug/l

RT: 10.41 min Scan# 2695

Delta R.T. 0.01 min

Lab File: VN064157.D

Acq: 15 Oct 2020 20:43

Instrument :

MSVOA_N

ClientSampled :

MW-14

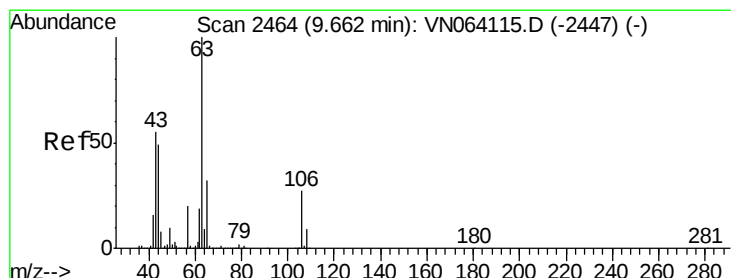
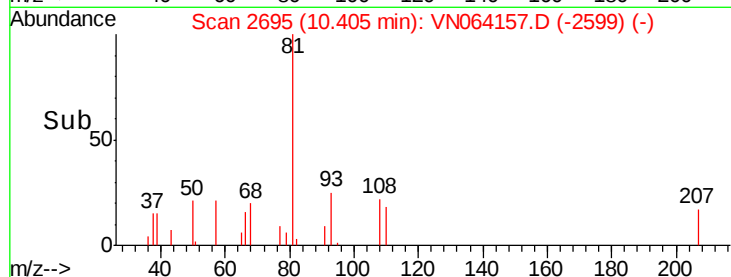
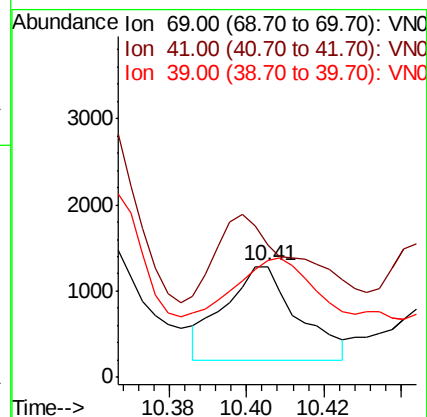
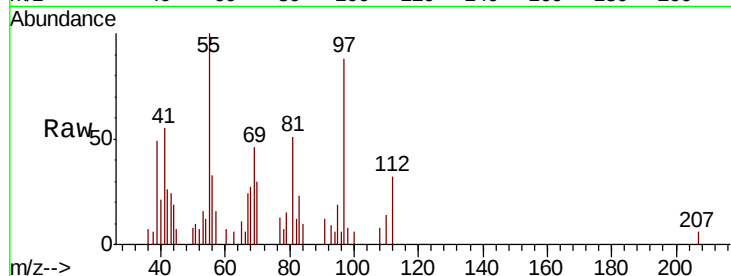
Tot Ion: 69 Resp: 1423

Ion Ratio Lower Upper

69 100

41 103.4 49.3 73.9#

39 60.9 32.7 49.1#



#58

2-Chloroethyl Vinyl ether

Concen: 12.240 ug/l

RT: 9.71 min Scan# 2478

Delta R.T. 0.05 min

Lab File: VN064157.D

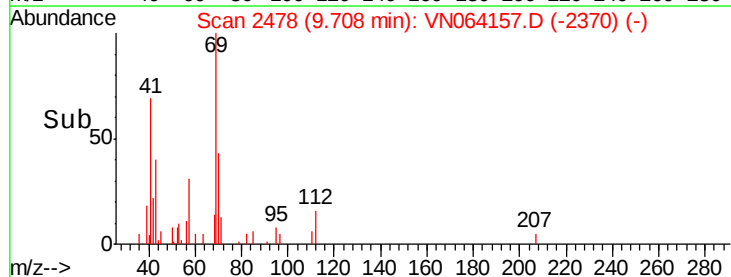
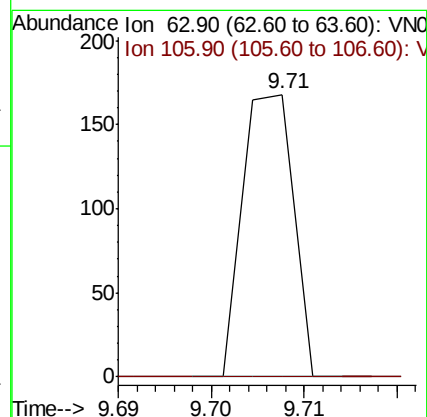
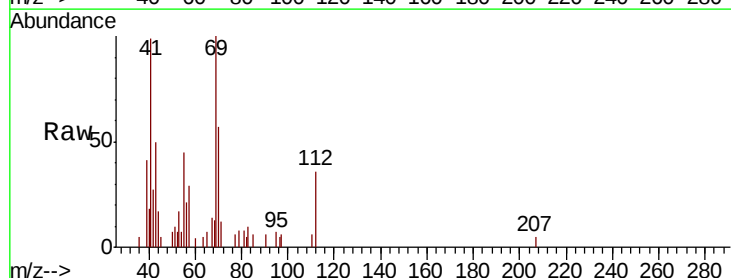
Acq: 15 Oct 2020 20:43

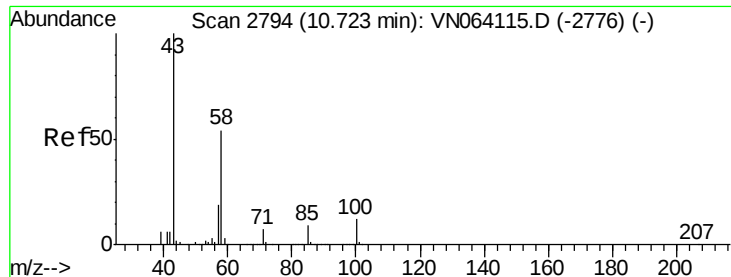
Tgt Ion: 63 Resp: 64

Ion Ratio Lower Upper

63 100

106 0.0 21.8 32.6#

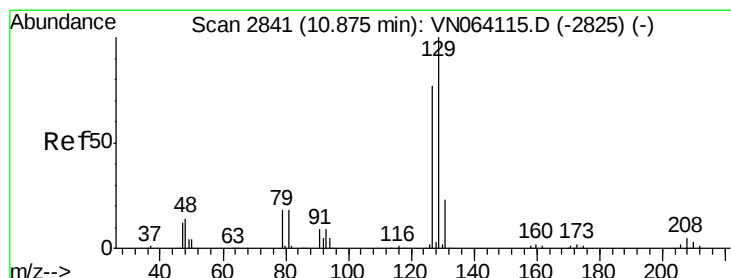
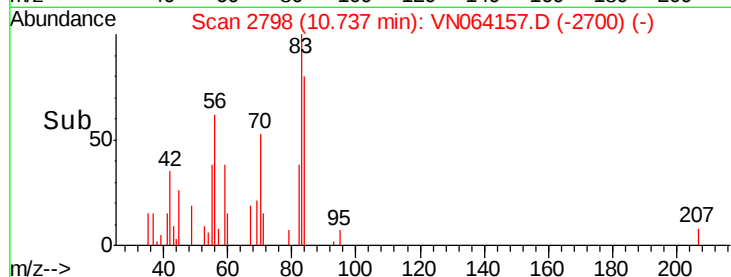
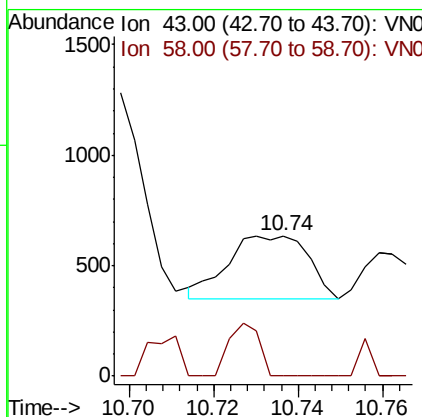
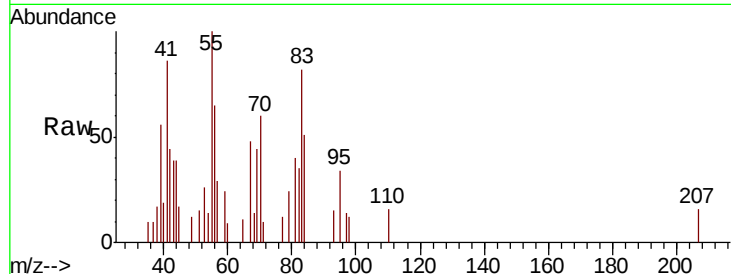




#59
2-Hexanone
Concen: 6.941 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.01 min
Lab File: VN064157.D
Acq: 15 Oct 2020 20:43

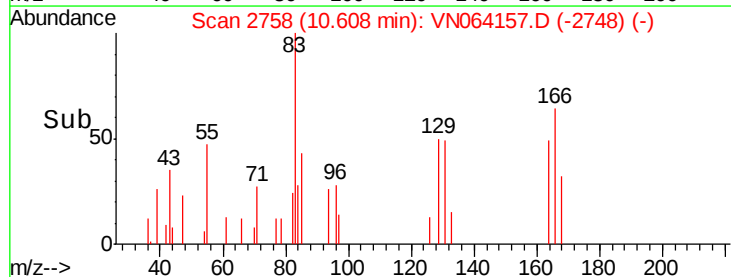
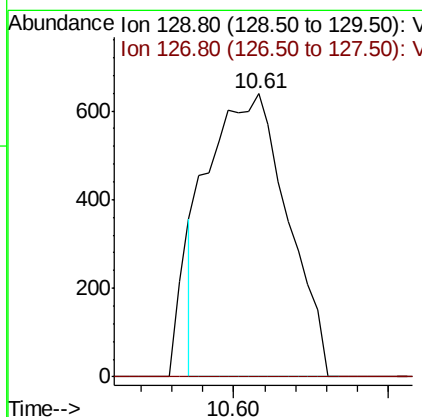
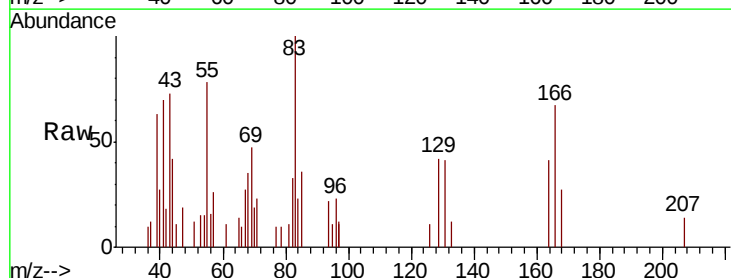
Instrument :
MSVOA_N
ClientSampled :
MW-14

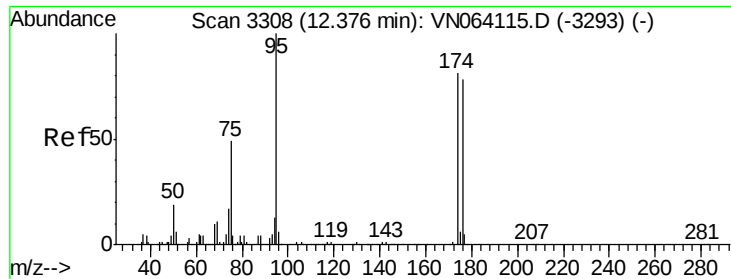
Tot Ion: 43 Resp: 377
Ion Ratio Lower Upper
43 100
58 31.6 27.2 81.6



#60
Dibromochloromethane
Concen: 0.249 ug/l
RT: 10.61 min Scan# 2758
Delta R.T. -0.27 min
Lab File: VN064157.D
Acq: 15 Oct 2020 20:43

Tgt Ion: 129 Resp: 1136
Ion Ratio Lower Upper
129 100
127 0.0 38.2 114.6#

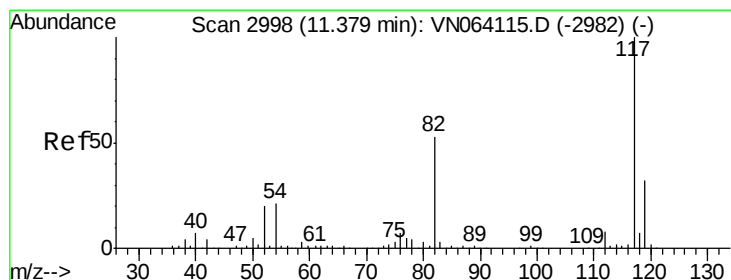
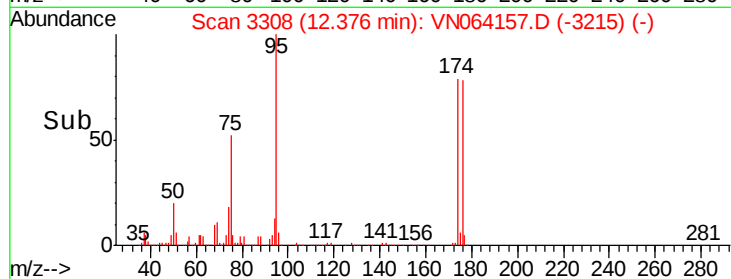
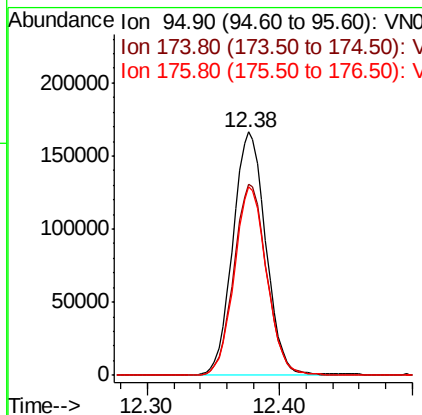
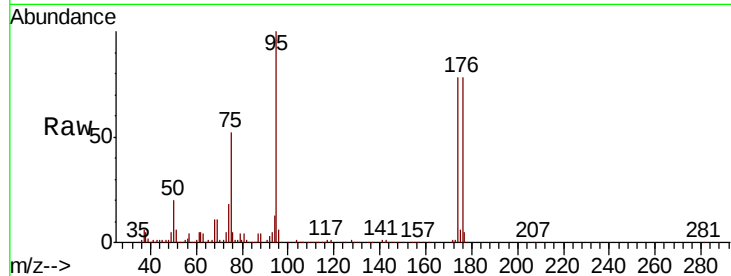




#62
4-Bromofluorobenzene
Concen: 58.163 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064157.D
Acq: 15 Oct 2020 20:43

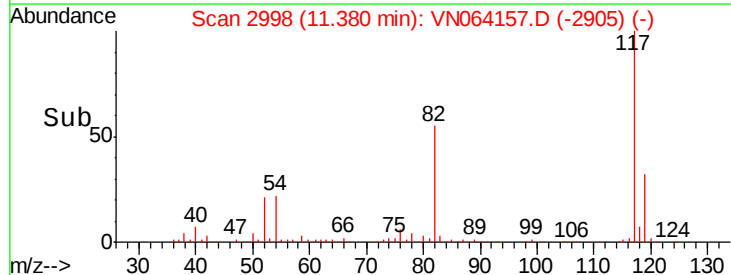
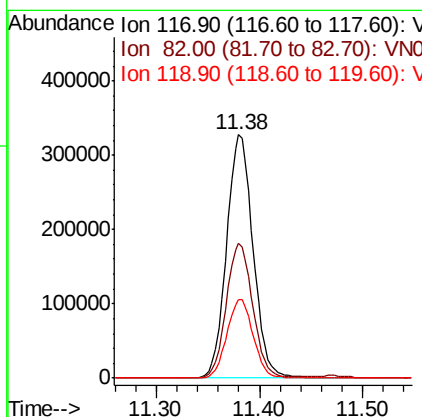
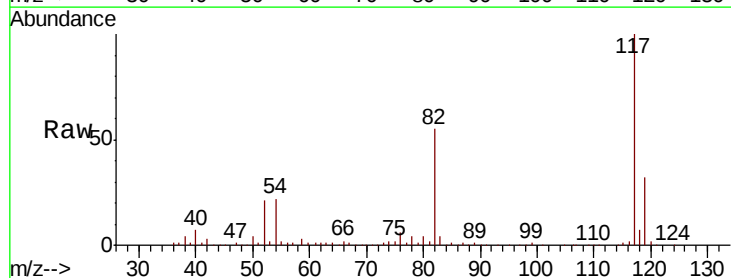
Instrument :
MSVOA_N
ClientSampleId :
MW-14

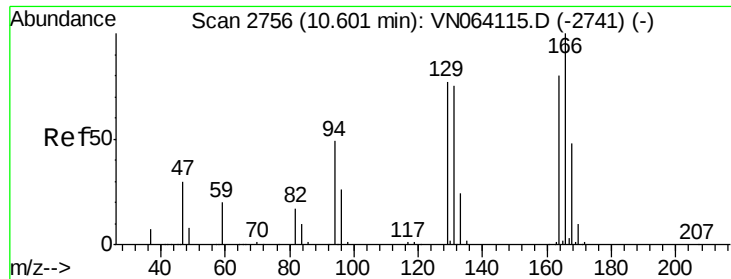
Tot Ion	Ratio	Lower	Upper
95	100		
174	78.7	0.0	164.8
176	76.9	0.0	157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064157.D
Acq: 15 Oct 2020 20:43

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.3	42.6	63.8
119	32.4	25.5	38.3

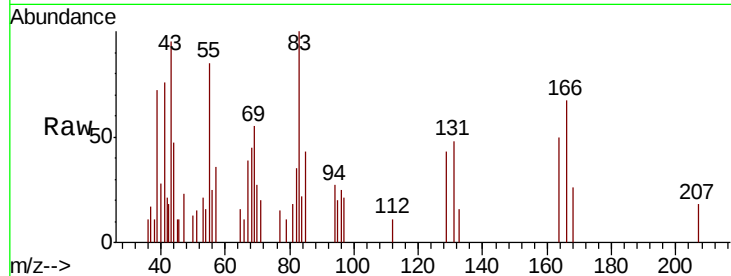




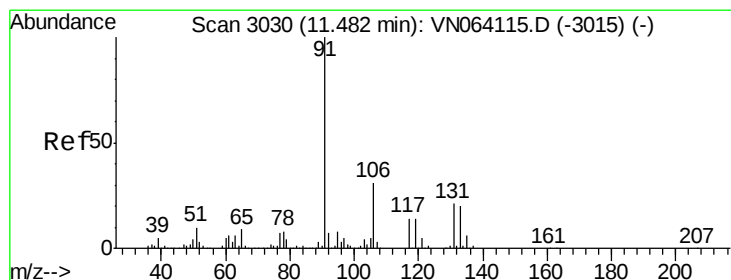
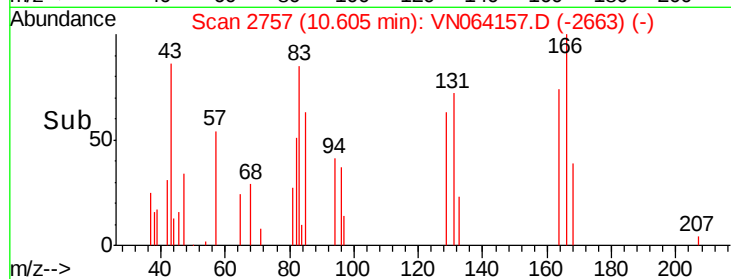
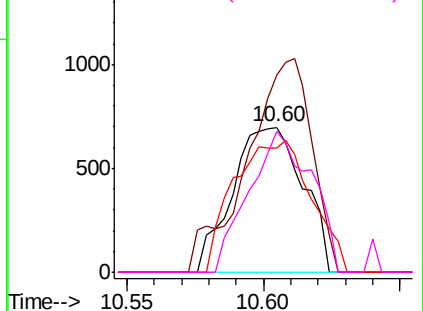
#64
Tetrachloroethene
Concen: 0.284 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN064157.D
Acq: 15 Oct 2020 20:43

Instrument :
MSVOA_N
ClientSampled :
MW-14

Tot Ion:164 Resp: 1257
Ion Ratio Lower Upper
164 100
166 135.7 99.7 149.5
129 85.7 77.0 115.4
131 97.6 74.6 111.8

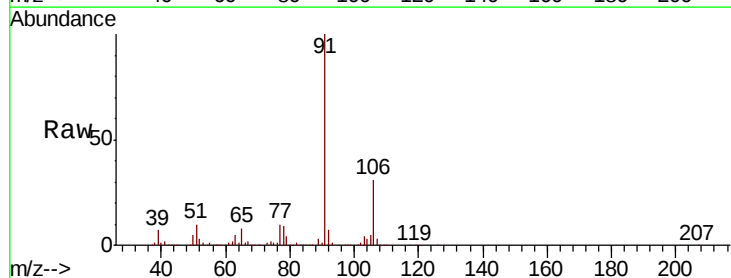


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

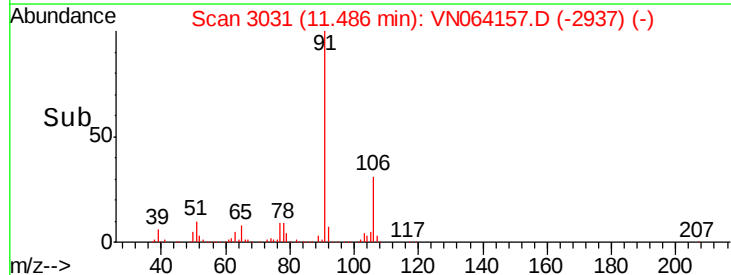
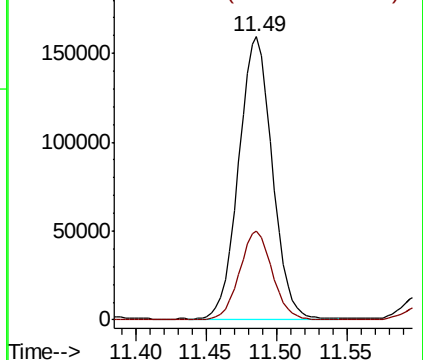


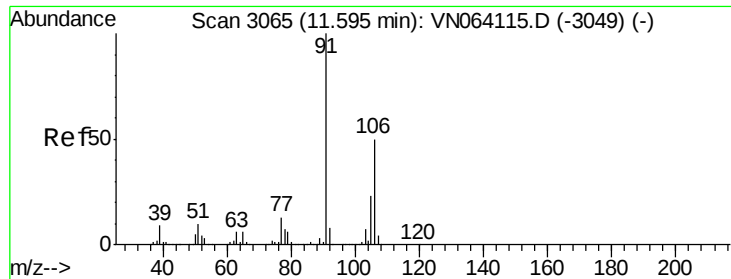
#67
Ethyl Benzene
Concen: 12.783 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064157.D
Acq: 15 Oct 2020 20:43

Tgt Ion: 91 Resp: 264630
Ion Ratio Lower Upper
91 100
106 31.4 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xvlenes

Concen: 3.726 ug/l

RT: 11.60 min Scan# 3067

Delta R.T. 0.01 min

Lab File: VN064157.D

Acq: 15 Oct 2020 20:43

Instrument :

MSVOA_N

ClientSampleId :

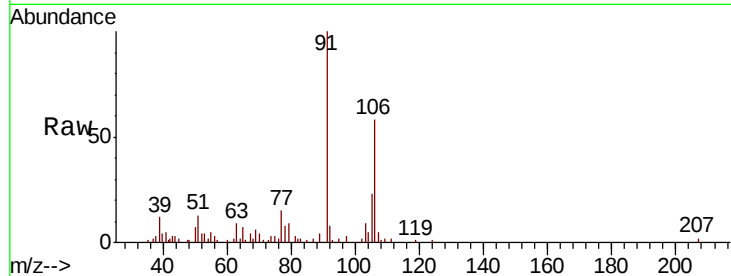
MW-14

Tot Ion:106 Resp: 13387

Ion Ratio Lower Upper

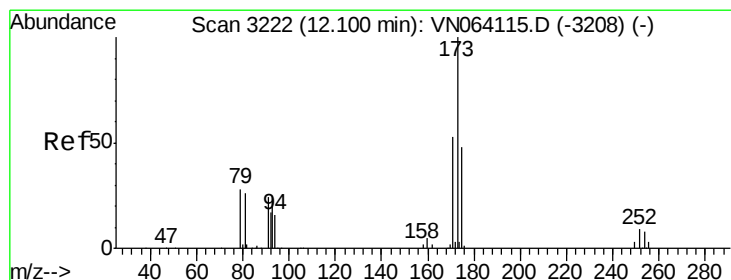
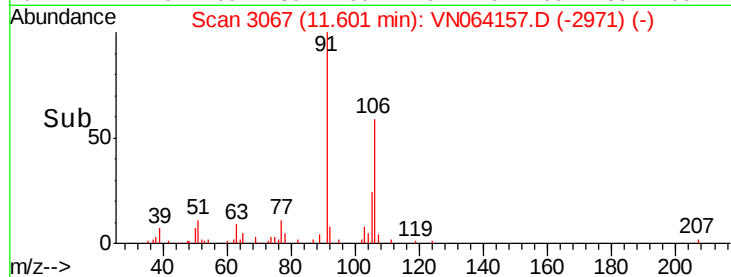
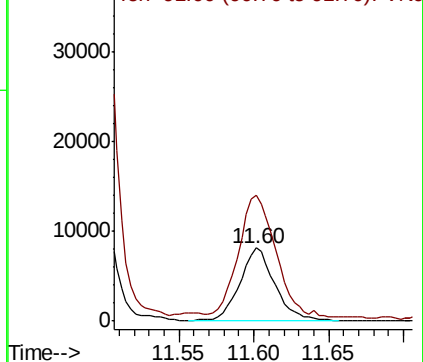
106 100

91 181.1 162.1 243.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#71

Bromoform

Concen: 2.488 ug/l

RT: 12.38 min Scan# 3310

Delta R.T. 0.28 min

Lab File: VN064157.D

Acq: 15 Oct 2020 20:43

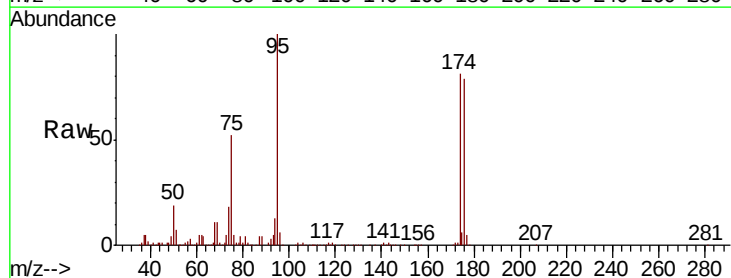
Tgt Ion:173 Resp: 1046

Ion Ratio Lower Upper

173 100

175 1300.2 23.4 70.2#

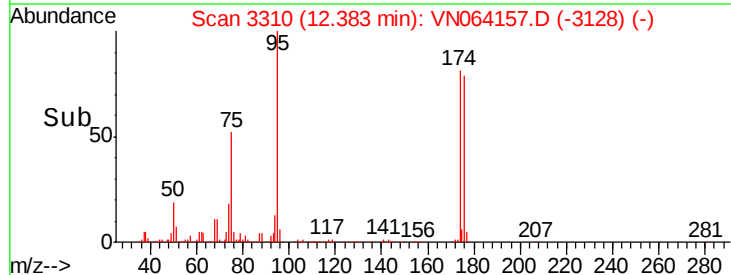
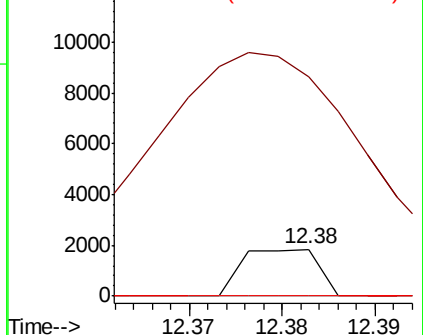
254 0.0 0.1 0.1#

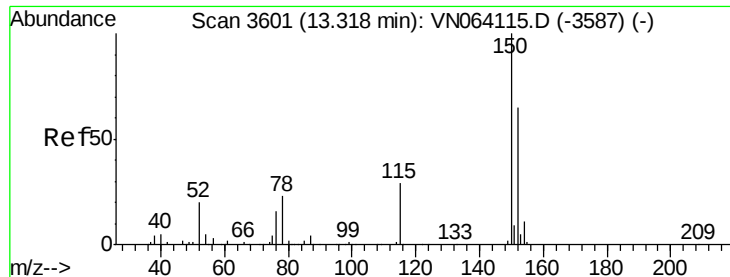


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN064157.D

Acq: 15 Oct 2020 20:43

Instrument :

MSVOA_N

ClientSampleId :

MW-14

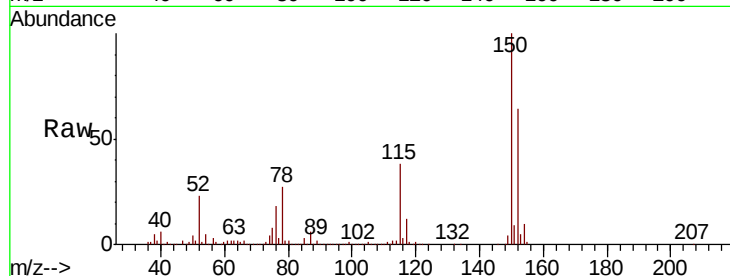
Tot Ion:152 Resp: 269062

Ion Ratio Lower Upper

152 100

115 64.5 29.3 87.8

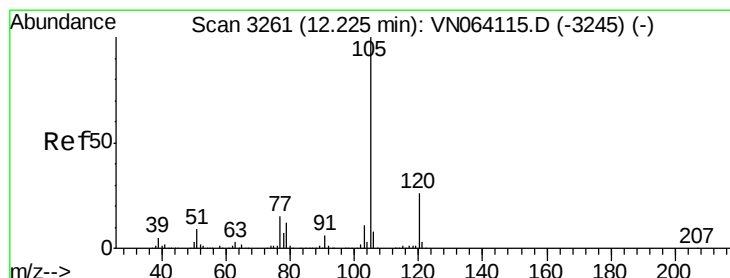
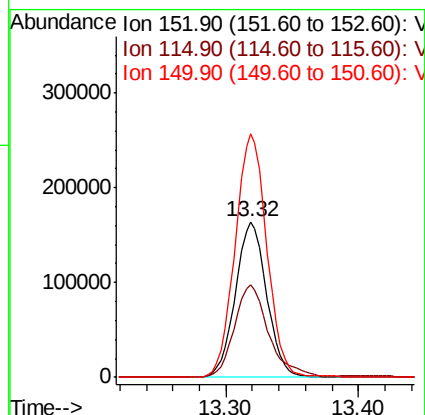
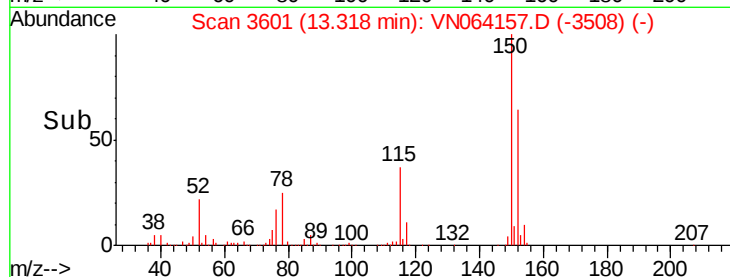
150 158.2 0.0 346.0



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



#73

Isopropylbenzene

Concen: 111.854 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064157.D

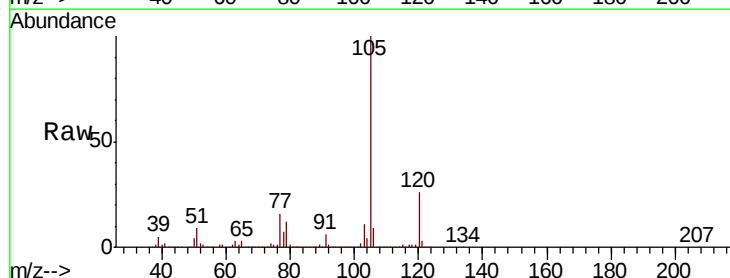
Acq: 15 Oct 2020 20:43

Tgt Ion:105 Resp: 2179981

Ion Ratio Lower Upper

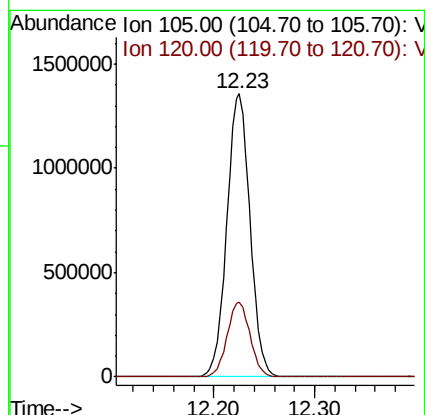
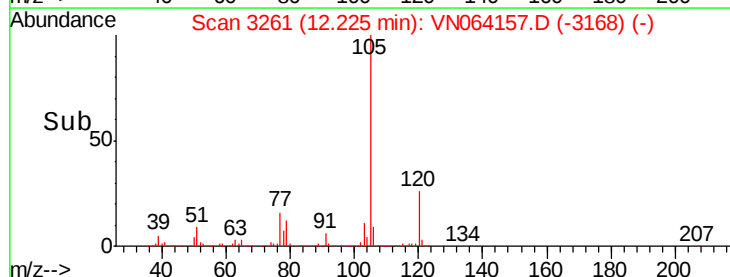
105 100

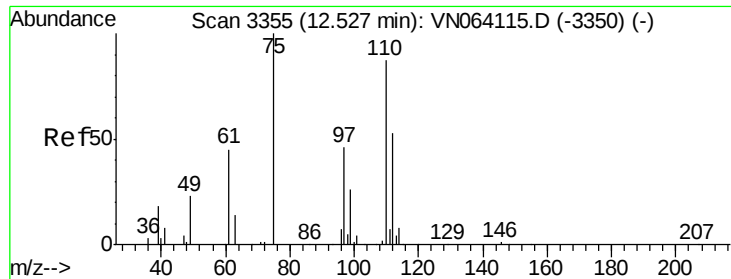
120 26.3 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

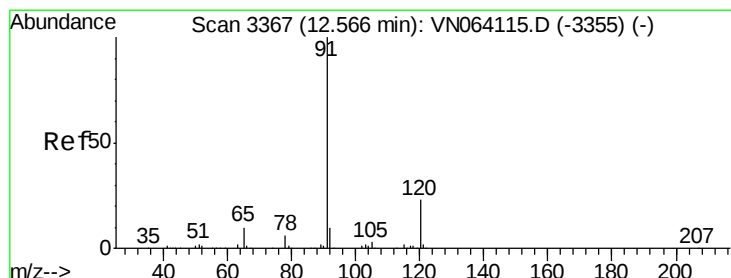
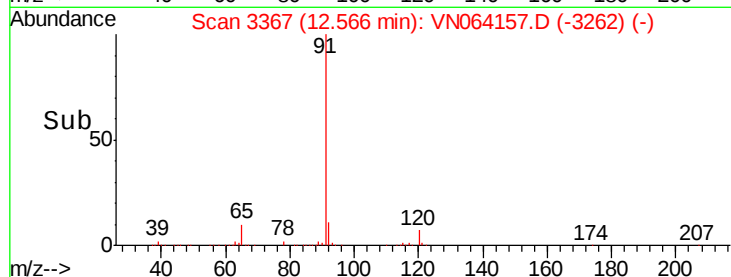
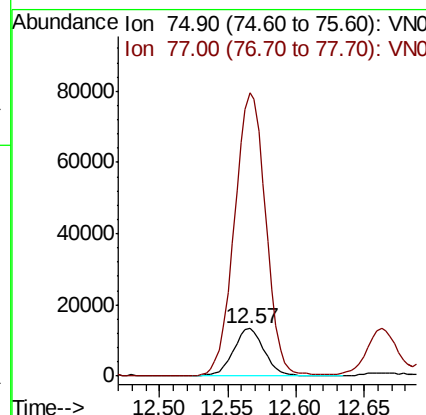
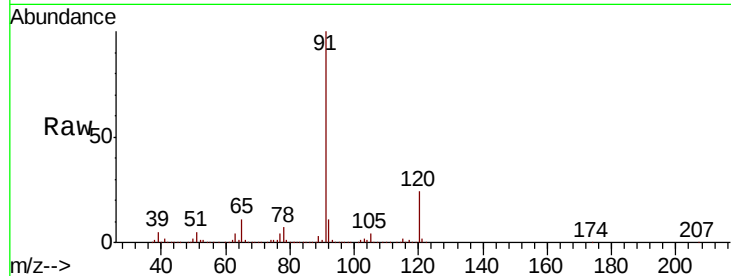




#76
 1,2,3-Trichloropropane
 Concen: 3.387 ug/l
 RT: 12.57 min Scan# 3367
 Delta R.T. 0.04 min
 Lab File: VN064157.D
 Acq: 15 Oct 2020 20:43

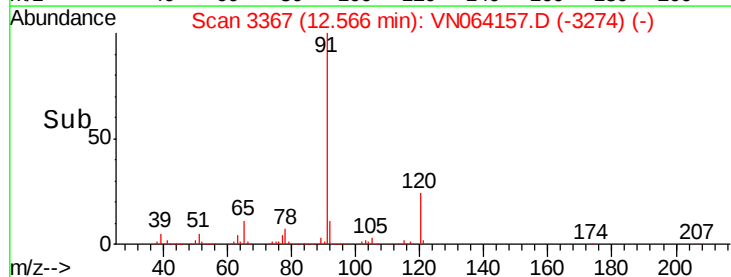
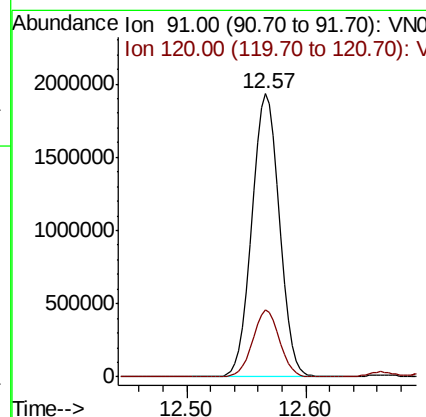
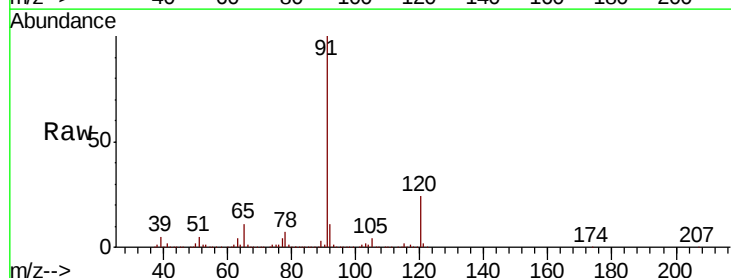
Instrument :
 MSVOA_N
 ClientSampled :
 MW-14

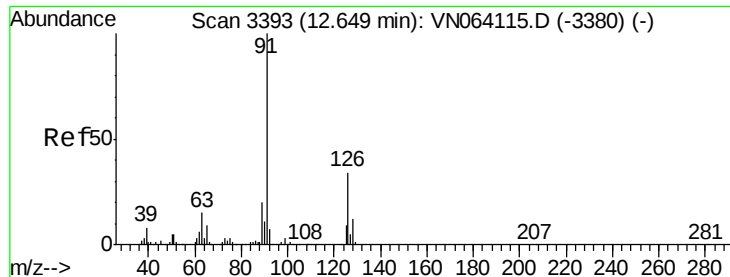
Tot Ion: 75 Resp: 21379
 Ion Ratio Lower Upper
 75 100
 77 592.8 0.0 0.0#



#78
 n-propylbenzene
 Concen: 142.686 ug/l
 RT: 12.57 min Scan# 3367
 Delta R.T. 0.00 min
 Lab File: VN064157.D
 Acq: 15 Oct 2020 20:43

Tgt Ion: 91 Resp: 3103841
 Ion Ratio Lower Upper
 91 100
 120 22.9 11.5 34.5





#79

2-Chlorotoluene

Concen: 224.349 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.08 min

Lab File: VN064157.D

Acq: 15 Oct 2020 20:43

Instrument :

MSVOA_N

ClientSampled :

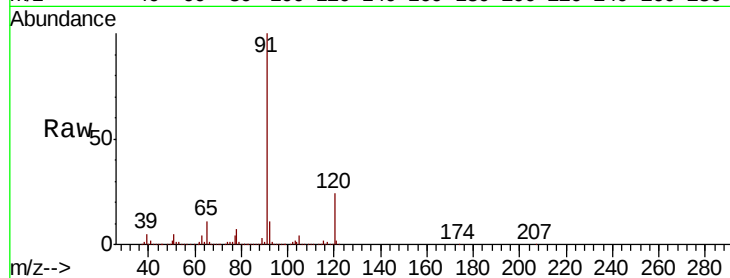
MW-14

Tot Ion: 91 Resp: 3103841

Ion Ratio Lower Upper

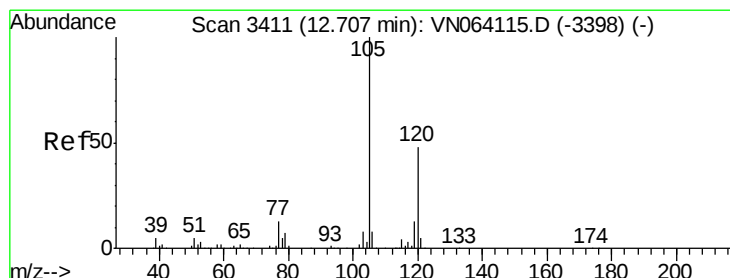
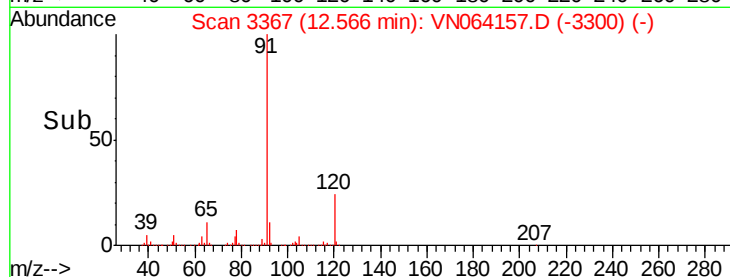
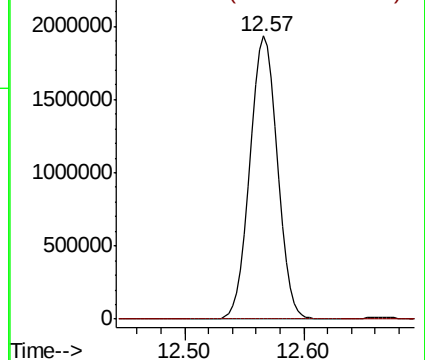
91 100

126 0.0 17.5 52.5#



Abundance Ion 91.00 (90.70 to 91.70): VN064115.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064115.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 12.532 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064157.D

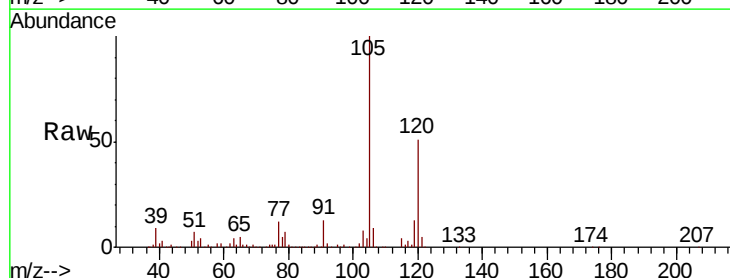
Acq: 15 Oct 2020 20:43

Tgt Ion:105 Resp: 196044

Ion Ratio Lower Upper

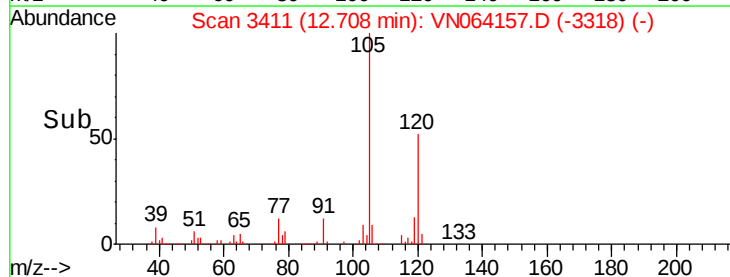
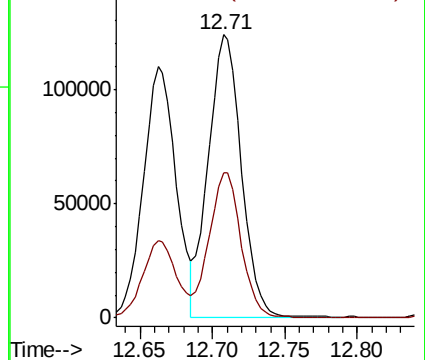
105 100

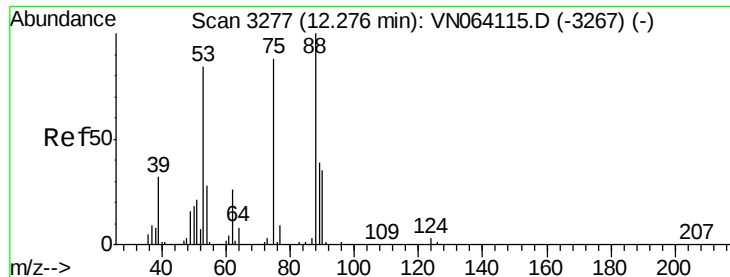
120 49.4 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): VN064115.D (-3398) (-)

Ion 120.00 (119.70 to 120.70): VN064115.D (-3398) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 12.789 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.05 min

Lab File: VN064157.D

Acq: 15 Oct 2020 20:43

Instrument :

MSVOA_N

ClientSampleId :

MW-14

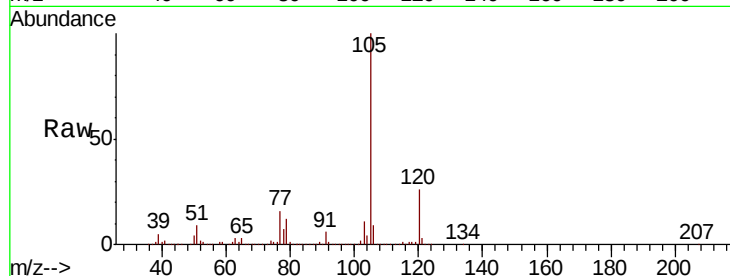
Tot Ion: 75 Resp: 26424

Ion Ratio Lower Upper

75 100

53 102.3 75.7 113.5

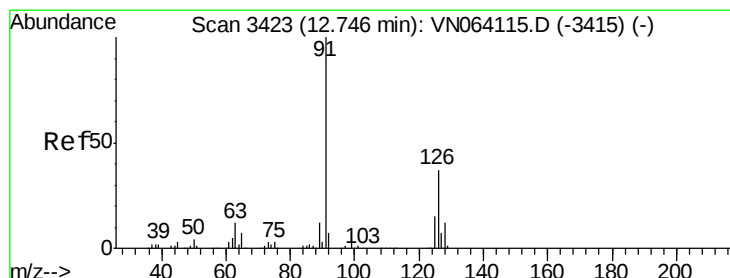
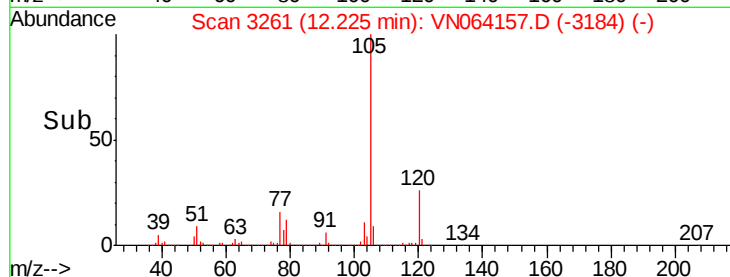
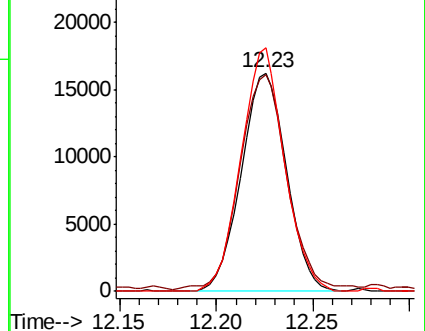
89 107.3 36.6 55.0#



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



#82

4-Chlorotoluene

Concen: 222.601 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.18 min

Lab File: VN064157.D

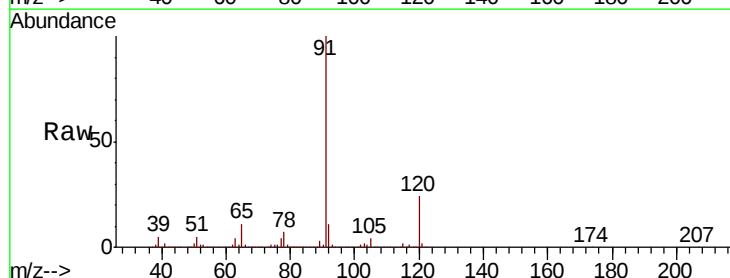
Acq: 15 Oct 2020 20:43

Tgt Ion: 91 Resp: 3103841

Ion Ratio Lower Upper

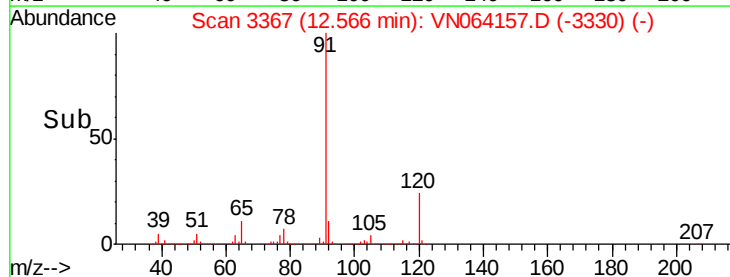
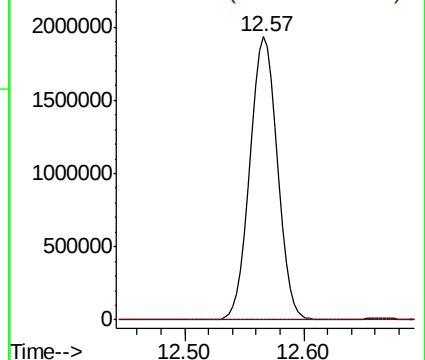
91 100

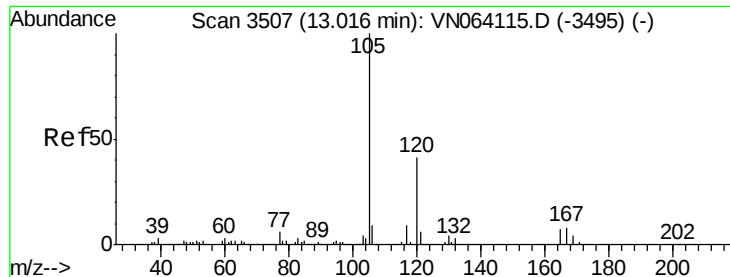
126 0.0 17.1 51.2#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

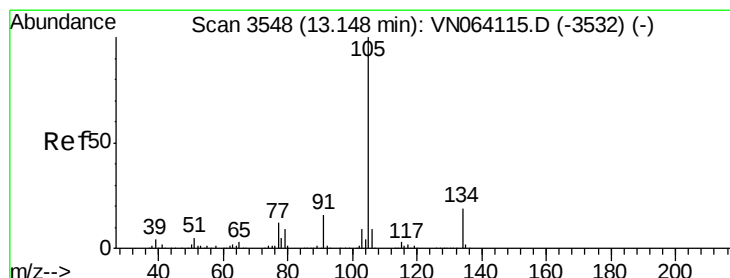
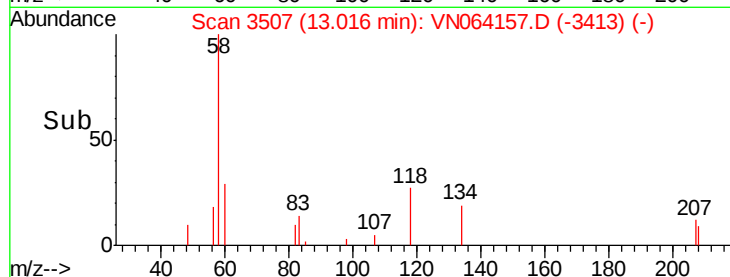
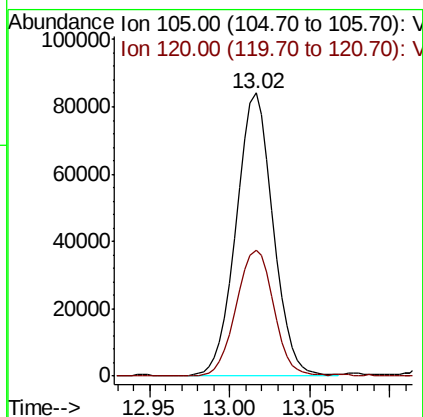
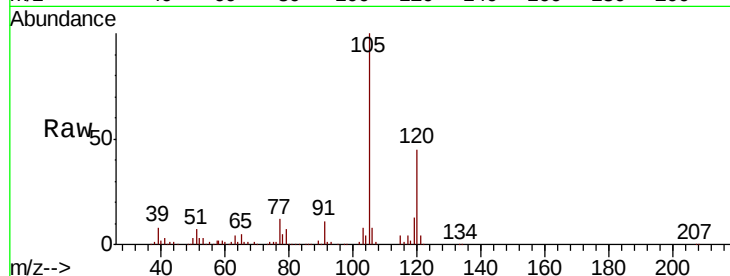




#84
 1,2,4-Trimethylbenzene
 Concen: 8.178 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064157.D
 Acq: 15 Oct 2020 20:43

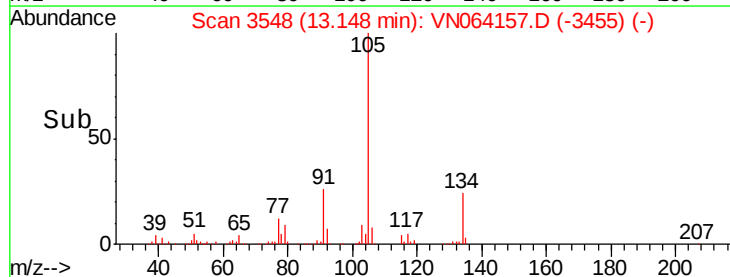
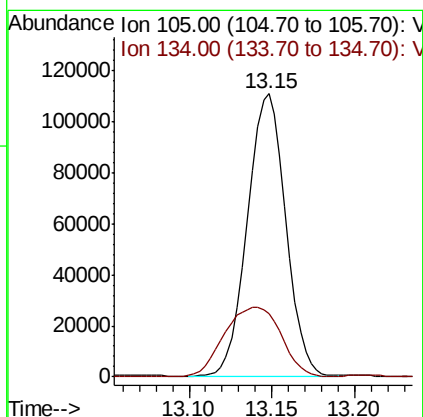
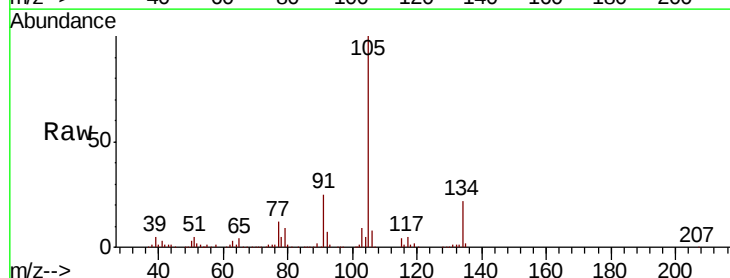
Instrument :
 MSVOA_N
 ClientSampled :
 MW-14

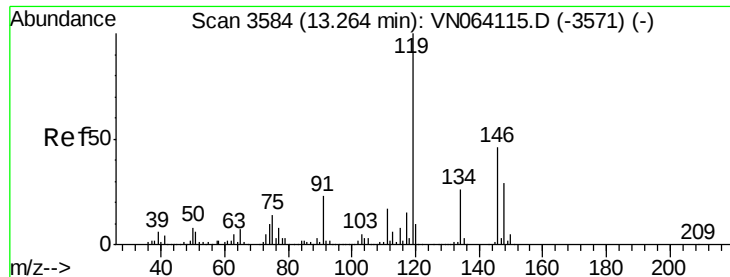
Tot Ion:105 Resp: 130822
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.8 68.4



#85
 sec-Butylbenzene
 Concen: 10.692 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN064157.D
 Acq: 15 Oct 2020 20:43

Tgt Ion:105 Resp: 177831
 Ion Ratio Lower Upper
 105 100
 134 36.8 9.7 29.1#

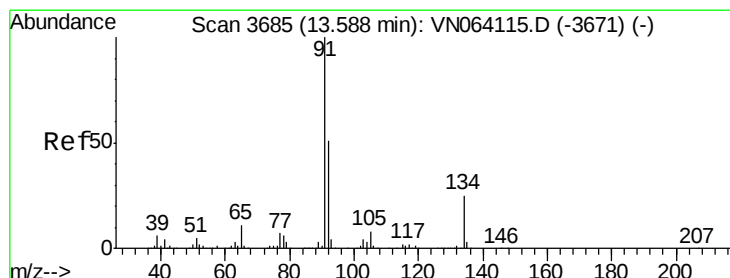
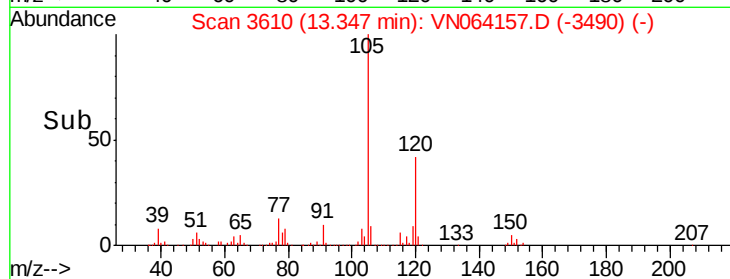
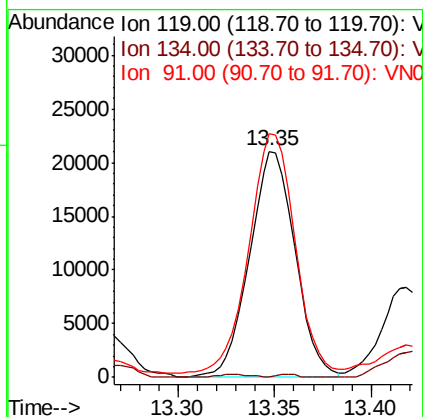
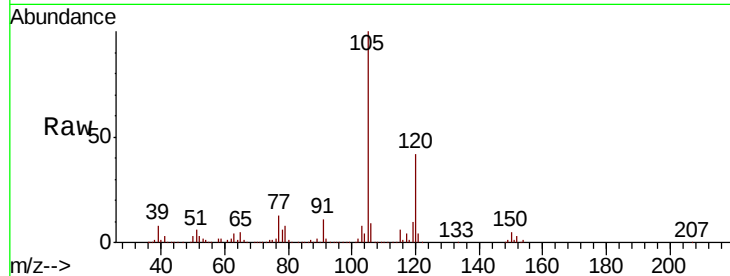




#86
 p-Isopropyltoluene
 Concen: 2.835 ug/l
 RT: 13.35 min Scan# 3610
 Delta R.T. 0.08 min
 Lab File: VN064157.D
 Acq: 15 Oct 2020 20:43

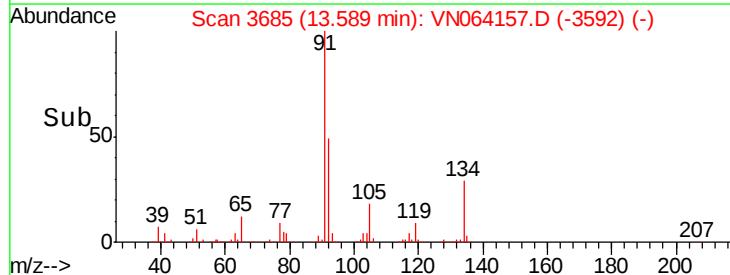
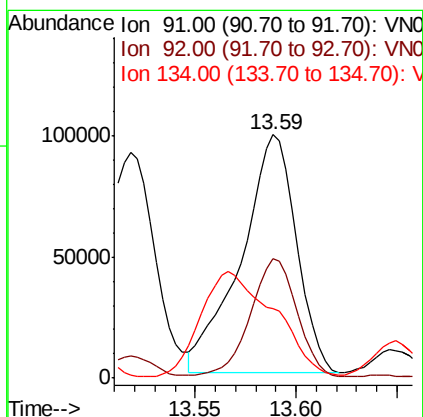
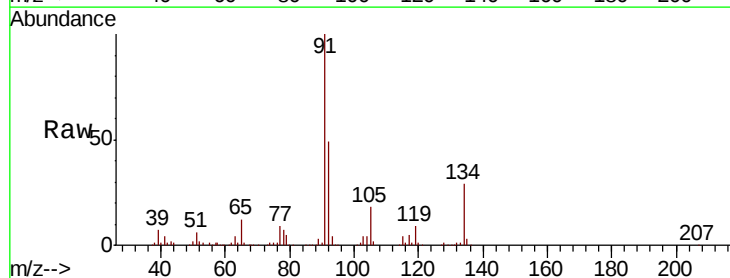
Instrument :
 MSVOA_N
 ClientSampled :
 MW-14

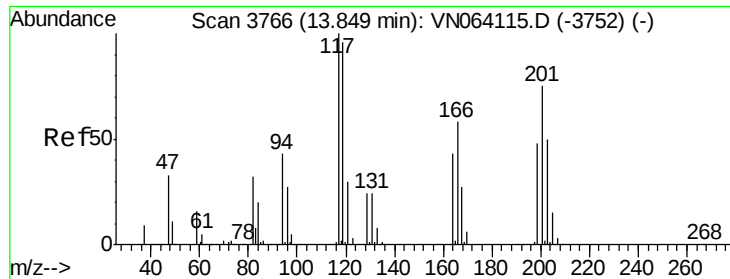
Tot Ion:119 Resp: 34646
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.2 39.5#
 91 107.0 12.0 36.1#



#89
 n-Butylbenzene
 Concen: 15.413 ug/l
 RT: 13.59 min Scan# 3685
 Delta R.T. 0.00 min
 Lab File: VN064157.D
 Acq: 15 Oct 2020 20:43

Tgt Ion: 91 Resp: 186795
 Ion Ratio Lower Upper
 91 100
 92 43.3 25.6 76.6
 134 0.0 12.6 37.8#





#90

Hexachloroethane

Concen: 31.178 ug/l

RT: 13.86 min Scan# 3770

Delta R.T. 0.01 min

Lab File: VN064157.D

Acq: 15 Oct 2020 20:43

Instrument :

MSVOA_N

ClientSampled :

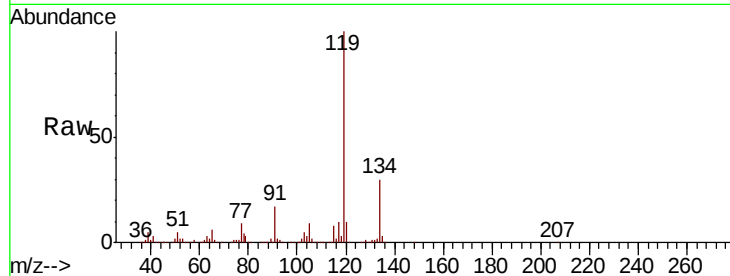
MW-14

Tot Ion:117 Resp: 86297

Ion Ratio Lower Upper

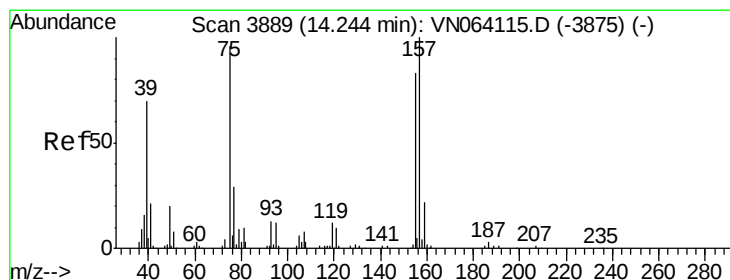
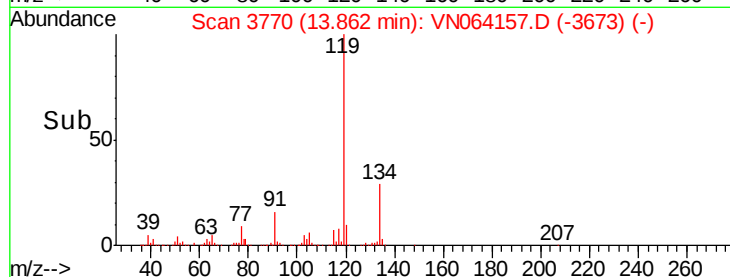
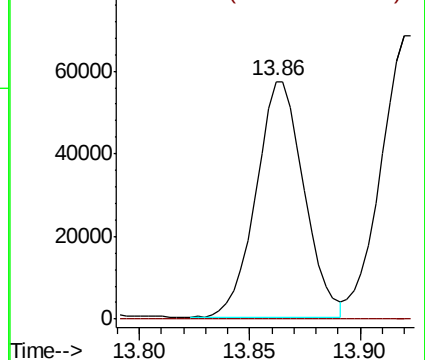
117 100

201 0.0 37.4 112.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.290 ug/l

RT: 14.26 min Scan# 3894

Delta R.T. 0.02 min

Lab File: VN064157.D

Acq: 15 Oct 2020 20:43

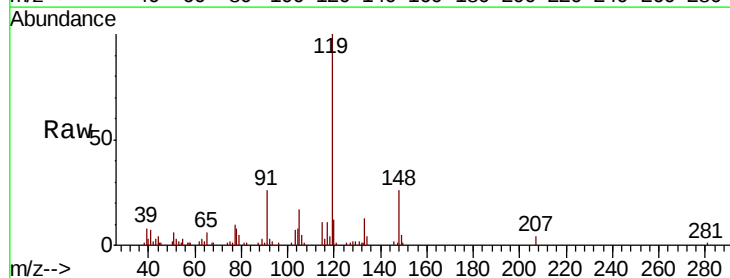
Tgt Ion: 75 Resp: 375

Ion Ratio Lower Upper

75 100

155 0.0 40.8 122.2#

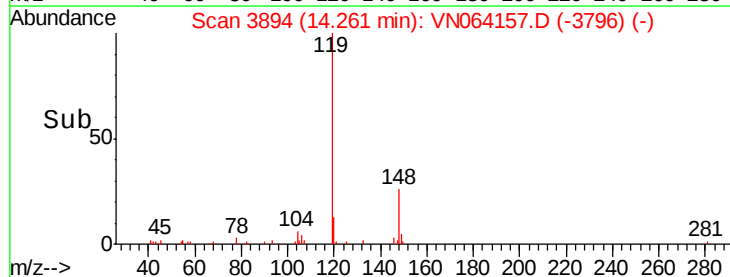
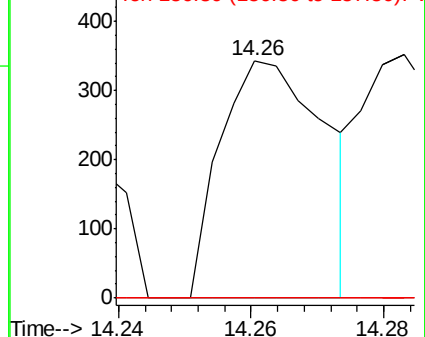
157 0.0 53.9 161.7#

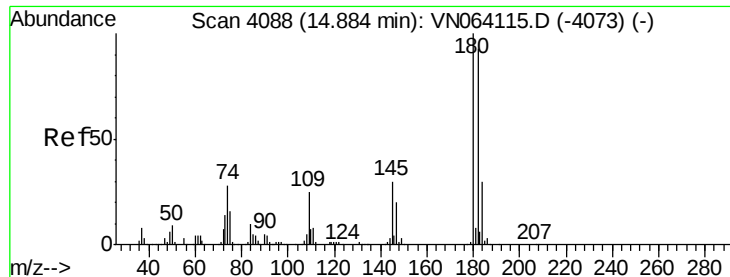


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

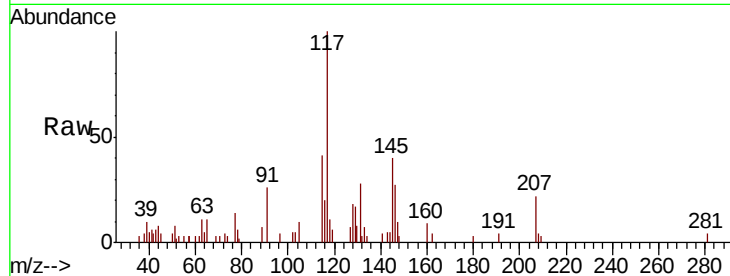




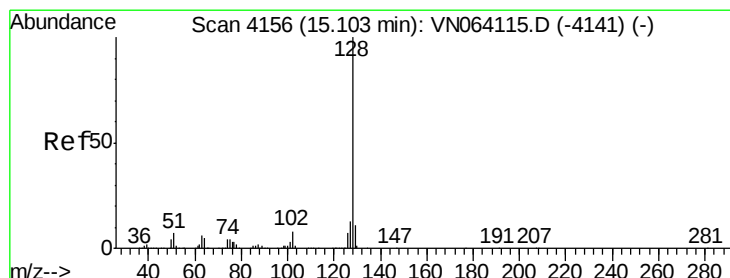
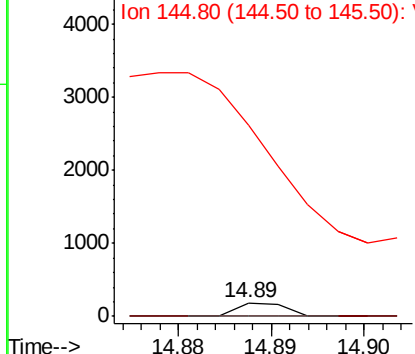
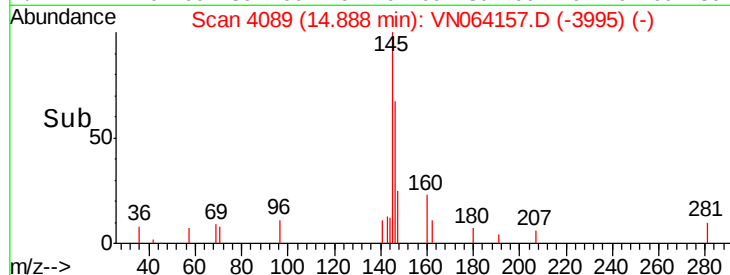
#93
 1,2,4-Trichlorobenzene
 Concen: 3.195 ug/l
 RT: 14.89 min Scan# 4089
 Delta R.T. 0.00 min
 Lab File: VN064157.D
 Acq: 15 Oct 2020 20:43

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	45.8	137.4#
145	0.0	15.4	46.1#

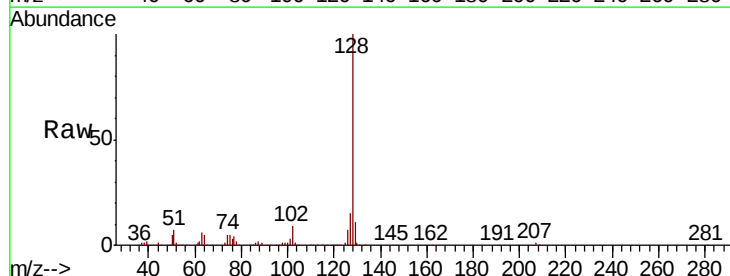


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 19.634 ug/l
 RT: 15.10 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN064157.D
 Acq: 15 Oct 2020 20:43

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.2	15.4
129	10.7	8.5	12.7



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

