

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064804.D
 Acq On : 24 Nov 2020 12:38
 Operator : JC/MD
 Sample : L4829-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Nov 25 04:03:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	180239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	312834	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	331382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	169663	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	100715	48.06	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.12%	
35) Dibromofluoromethane		7.55	113	93611	50.01	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.02%	
50) Toluene-d8		10.06	98	400521	52.37	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.74%	
62) 4-Bromofluorobenzene		12.37	95	169640	61.98	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	123.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	731	0.360	ug/l	94
11) Tert butyl alcohol	4.73	59	380	1.163	ug/l #	73
15) Acrylonitrile	4.98	53	630	0.698	ug/l #	18
16) Acetone	3.78	43	10652	15.464	ug/l #	79
17) Carbon Disulfide	4.00	76	2772	0.619	ug/l #	75
18) Methyl Acetate	4.48	43	18683	9.021	ug/l #	50
19) Methyl tert-butyl Ether	5.00	73	3797	0.677	ug/l #	1
20) Methylene Chloride	4.51	84	601	0.278	ug/l #	67
25) 2-Butanone	6.78	43	4279	3.832	ug/l #	49
27) cis-1,2-Dichloroethene	6.78	96	981	0.449	ug/l #	1
29) Tetrahydrofuran	7.34	42	638	0.828	ug/l #	1
30) Chloroform	7.28	83	5860	1.648	ug/l #	17
31) Cyclohexane	7.61	56	57745	19.772	ug/l	86
36) 1,1-Dichloropropene	7.63	75	12312	4.246	ug/l #	48
37) Ethyl Acetate	6.78	43	4279	1.532	ug/l #	81
38) Carbon Tetrachloride	7.62	117	16740	5.548	ug/l #	17
39) Methylcyclohexane	9.05	83	68749	22.024	ug/l	96
40) Benzene	8.00	78	600574	67.590	ug/l	98
41) Methacrylonitrile	7.17	41	1203	0.933	ug/l #	13
43) Isopropyl Acetate	8.11	43	29060	6.466	ug/l #	59
44) Trichloroethene	8.80	130	1248	0.476	ug/l	77
45) 1,2-Dichloropropane	9.05	63	486	0.211	ug/l #	1
46) Dibromomethane	9.12	93	522	0.340	ug/l #	1
47) Bromodichloromethane	9.36	83	12471	4.032	ug/l #	24
48) Methyl methacrylate	9.19	41	4167	1.940	ug/l #	27
51) 4-Methyl-2-Pentanone	9.98	43	2923	1.083	ug/l #	52
52) Toluene	10.12	92	142626	26.064	ug/l	97
53) t-1,3-Dichloropropene	10.12	75	1833	0.532	ug/l #	1
55) 1,1,2-Trichloroethane	10.50	97	60061	26.692	ug/l #	18
56) Ethyl methacrylate	10.40	69	3962	1.276	ug/l #	8
58) 2-Chloroethyl Vinyl ether	9.62	63	472	0.276	ug/l #	46
59) 2-Hexanone	10.85	43	710	0.366	ug/l	72
61) 1,2-Dibromoethane	10.96	107	597	0.261	ug/l #	1
64) Tetrachloroethene	10.60	164	783	0.243	ug/l #	87

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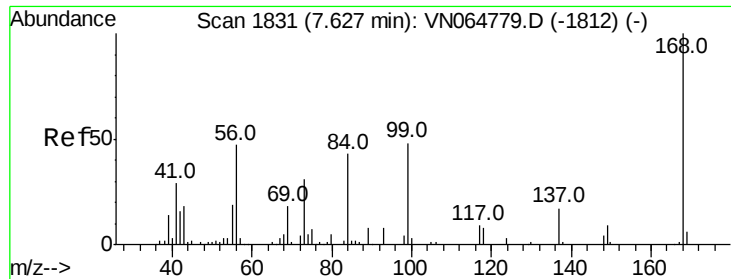
Instrument :
 MSVOA_N
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

65) Chlorobenzene	11.56	112	5412	0.761	ug/l #	54
67) Ethyl Benzene	11.48	91	5498230	462.490	ug/l #	87
68) m/p-Xylenes	11.60	106	464368	103.170	ug/l	100
69) o-Xylene	11.92	106	170529	39.925	ug/l	99
70) Styrene	11.92	104	11525	1.598	ug/l #	1
73) Isopropylbenzene	12.22	105	293645	24.883	ug/l	100
74) N-amyl acetate	12.04	43	1085	0.234	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.37	83	1897	0.548	ug/l	68
76) 1,2,3-Trichloropropane	12.57	75	4377	1.198	ug/l #	100
77) Bromobenzene	12.43	156	132462	41.634	ug/l #	1
78) n-propylbenzene	12.56	91	663102	49.323	ug/l	99
79) 2-Chlorotoluene	12.66	91	22837	2.748	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.66	105	229418	23.388	ug/l	71
81) trans-1,4-Dichloro-2-buten	12.22	75	3531	2.649	ug/l #	53
82) 4-Chlorotoluene	12.66	91	22837	2.622	ug/l #	41
83) tert-Butylbenzene	13.01	119	656799	79.883	ug/l #	71
84) 1,2,4-Trimethylbenzene	13.01	105	4865219	490.558	ug/l	95
85) sec-Butylbenzene	13.01	105	4865219	445.674	ug/l #	56
86) p-Isopropyltoluene	13.26	119	43424	4.369	ug/l #	78
89) n-Butylbenzene	13.59	91	139316	15.962	ug/l #	73
90) Hexachloroethane	13.86	117	53982	31.266	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.22	75	4639	5.960	ug/l #	1
95) Naphthalene	15.10	128	2520785	245.064	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	139	1.433	ug/l #	28

(#) = 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: VN064804.D

Acq: 24 Nov 2020 12:38

Instrument :

MSVOA_N

ClientSampled :

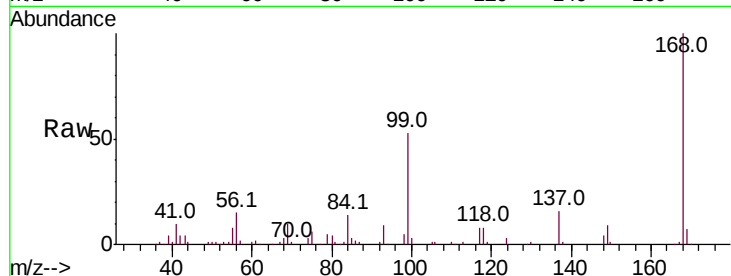
MW-3

Tot Ion:168 Resp: 180239

Ion Ratio Lower Upper

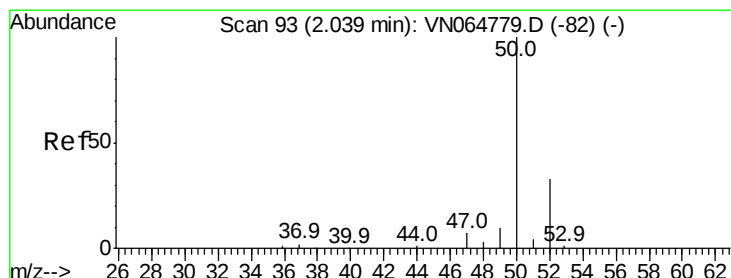
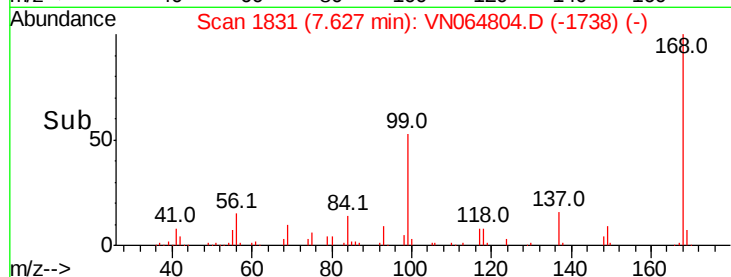
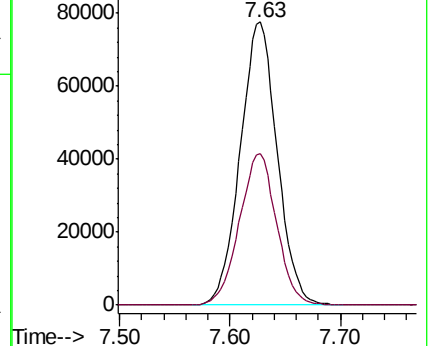
168 100

99 53.5 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.360 ug/l

RT: 2.04 min Scan# 94

Delta R.T. 0.00 min

Lab File: VN064804.D

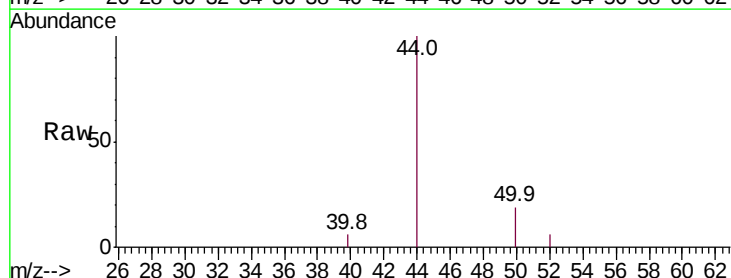
Acq: 24 Nov 2020 12:38

Tgt Ion: 50 Resp: 731

Ion Ratio Lower Upper

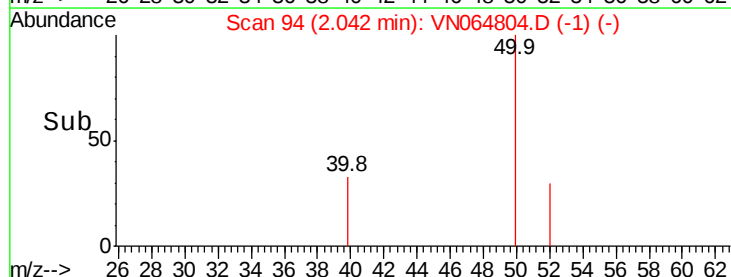
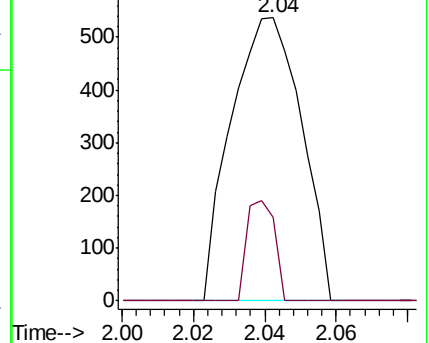
50 100

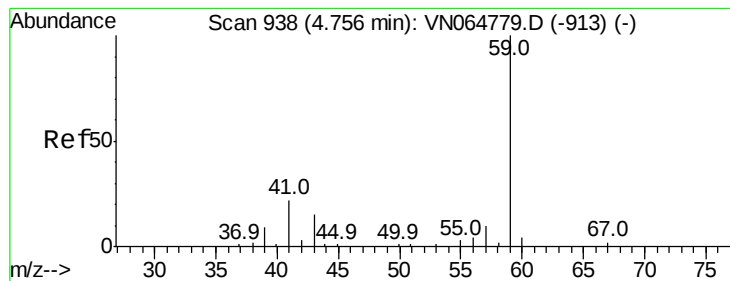
52 29.6 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



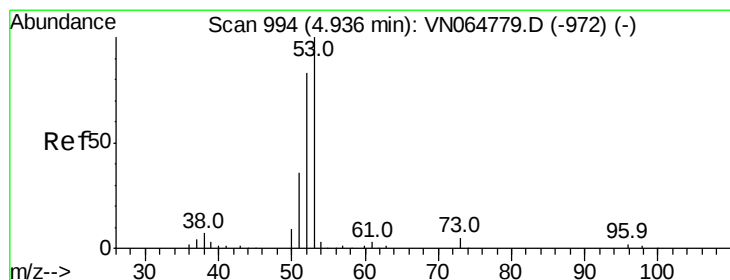
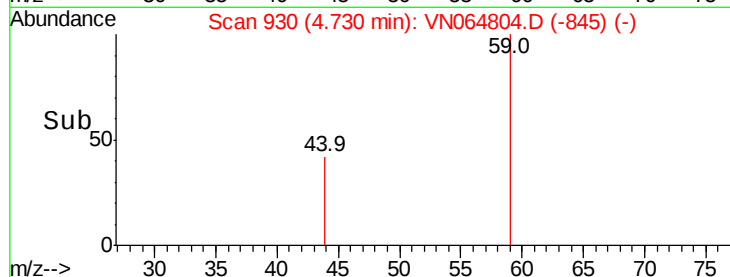
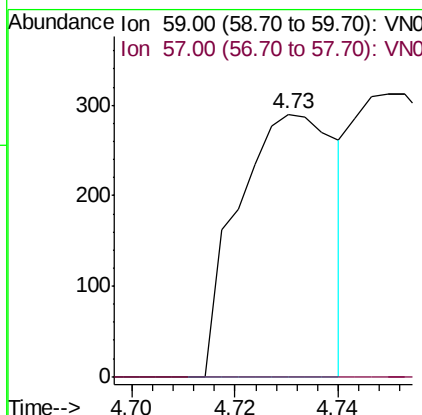
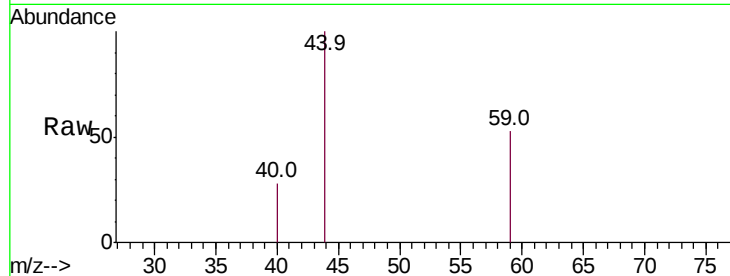


#11

Tert butyl alcohol
 Concen: 1.163 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. -0.03 min
 Lab File: VN064804.D
 Acq: 24 Nov 2020 12:38

Instrument :
 MSVOA_N
 ClientSampled :
 MW-3

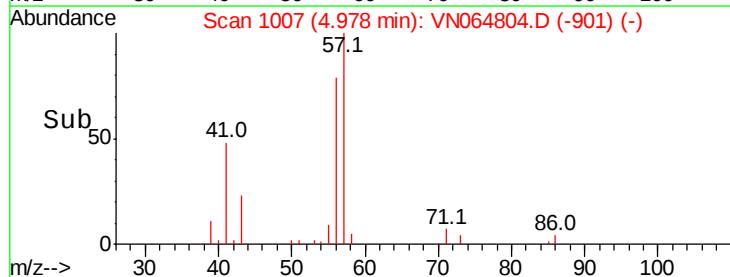
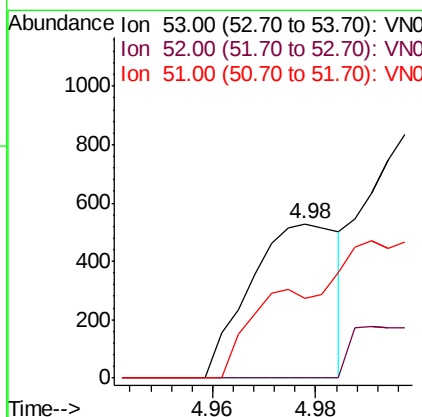
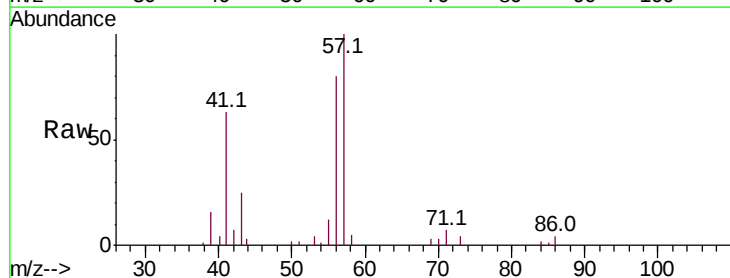
Tot Ion: 59 Resp: 380
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

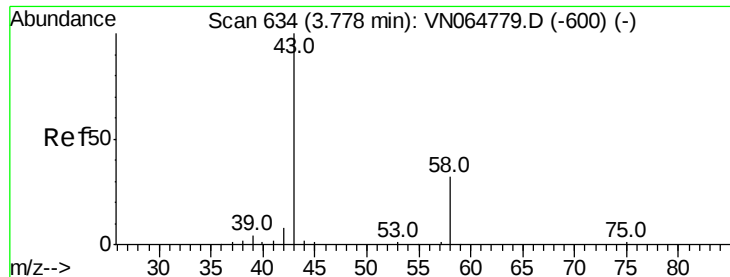


#15

Acrylonitrile
 Concen: 0.698 ug/l
 RT: 4.98 min Scan# 1007
 Delta R.T. 0.04 min
 Lab File: VN064804.D
 Acq: 24 Nov 2020 12:38

Tgt Ion: 53 Resp: 630
 Ion Ratio Lower Upper
 53 100
 52 0.0 65.5 98.3#
 51 0.0 28.6 43.0#





#16

Acetone

Concen: 15.464 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

Instrument :

MSVOA_N

ClientSampled :

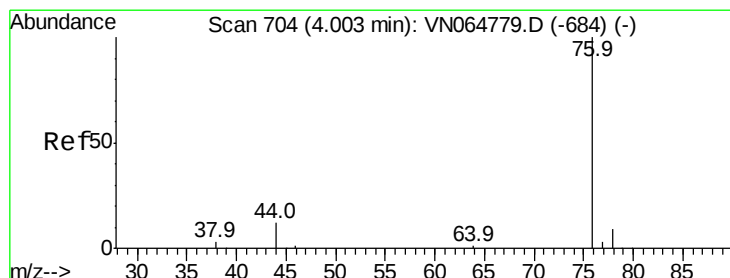
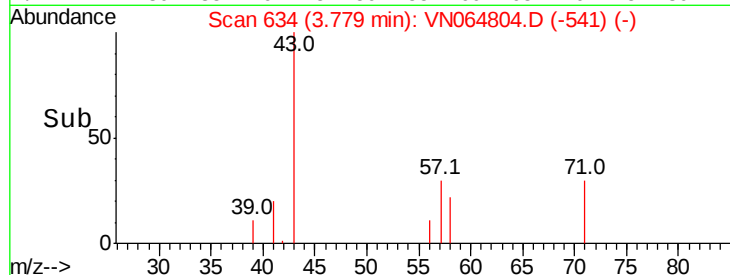
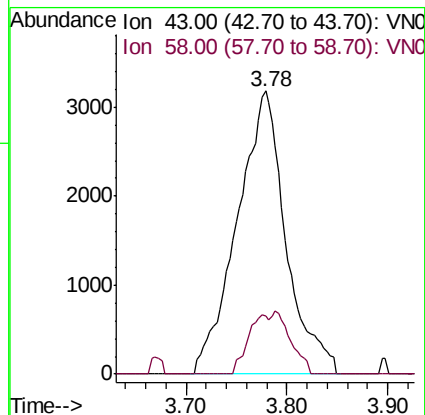
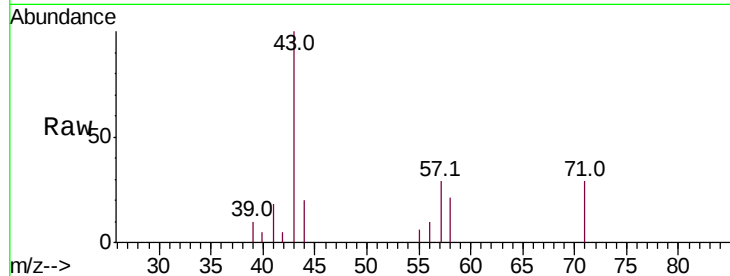
MW-3

Tot Ion: 43 Resp: 10652

Ion Ratio Lower Upper

43 100

58 20.6 25.7 38.5#



#17

Carbon Disulfide

Concen: 0.619 ug/l

RT: 4.00 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN064804.D

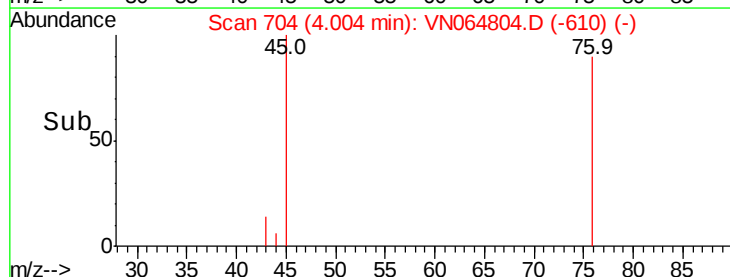
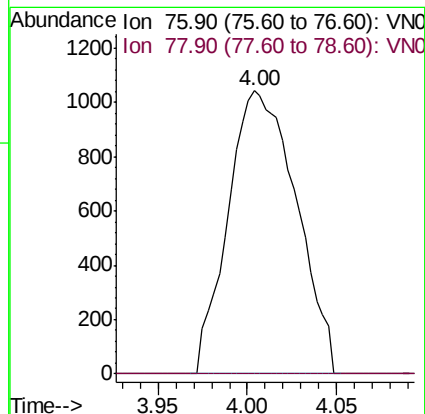
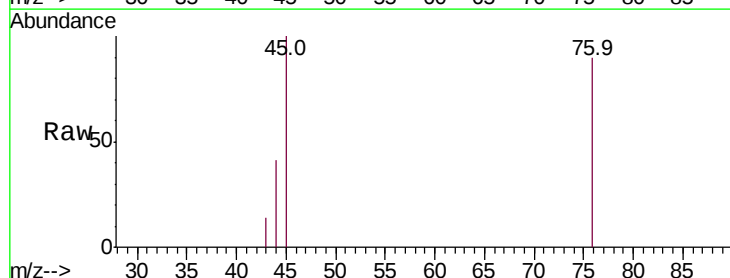
Acq: 24 Nov 2020 12:38

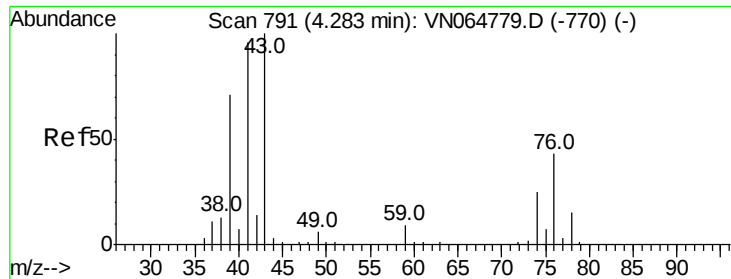
Tgt Ion: 76 Resp: 2772

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#





#18

Methyl Acetate

Concen: 9.021 ug/l

RT: 4.48 min Scan# 853

Delta R.T. 0.20 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

Instrument :

MSVOA_N

ClientSampled :

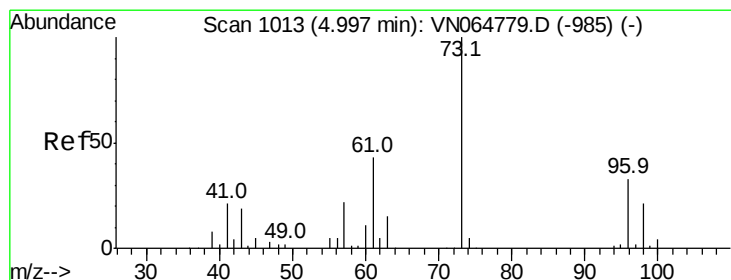
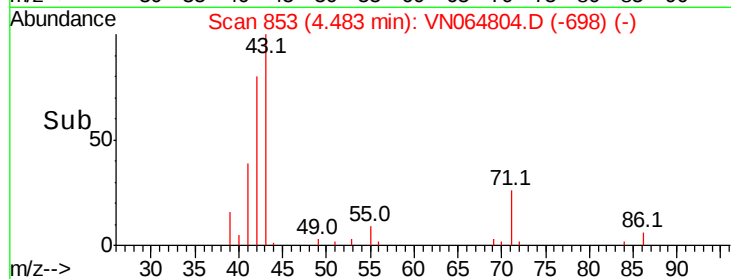
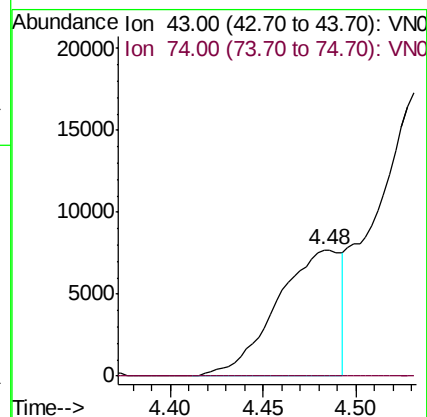
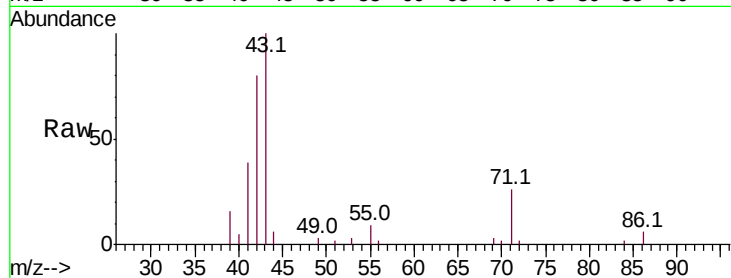
MW-3

Tot Ion: 43 Resp: 18683

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#



#19

Methyl tert-butyl Ether

Concen: 0.677 ug/l

RT: 5.00 min Scan# 1015

Delta R.T. 0.01 min

Lab File: VN064804.D

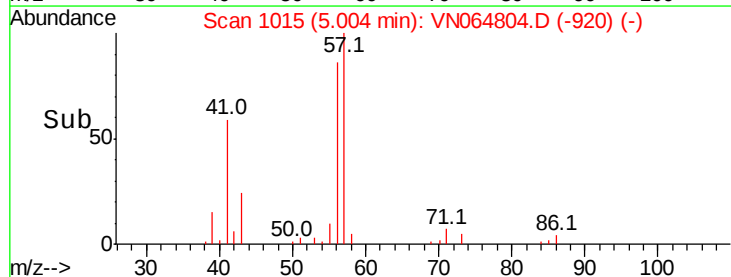
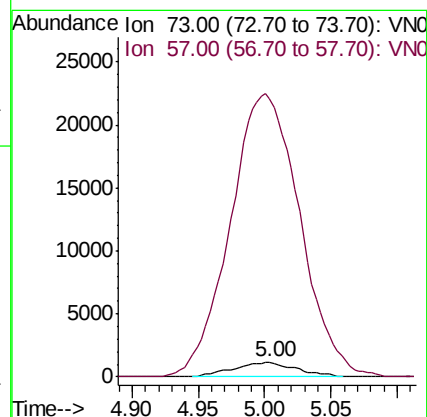
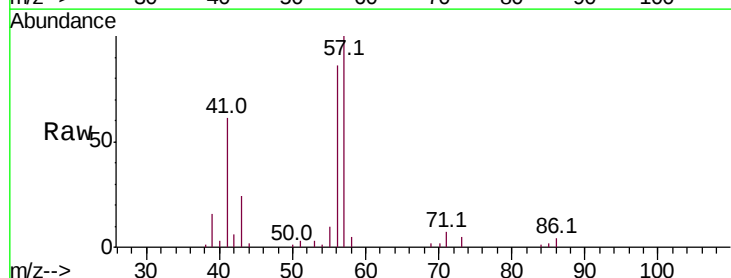
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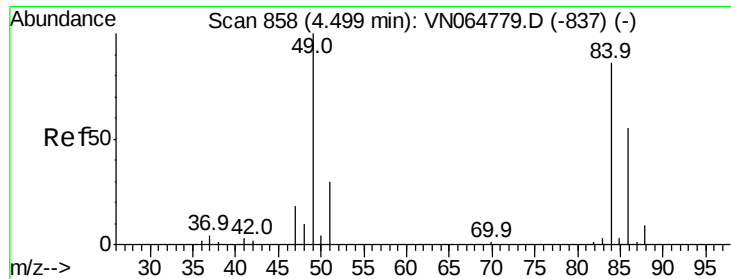
Tgt Ion: 73 Resp: 3797

Ion Ratio Lower Upper

73 100

57 1738.9 17.4 26.0#

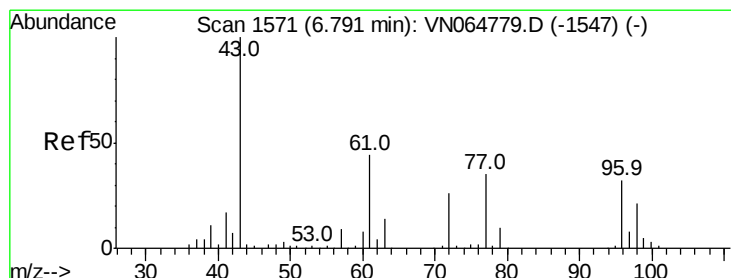
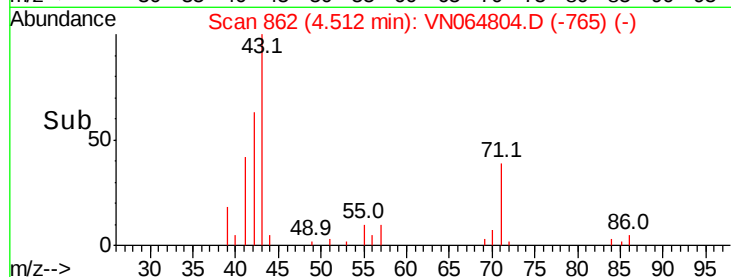
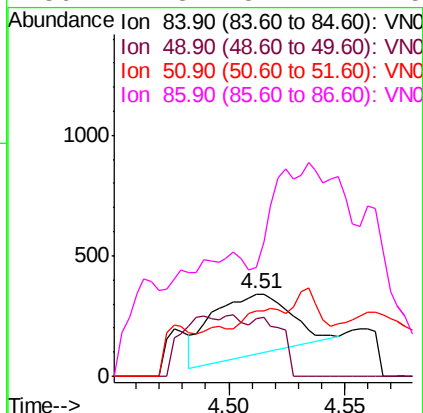
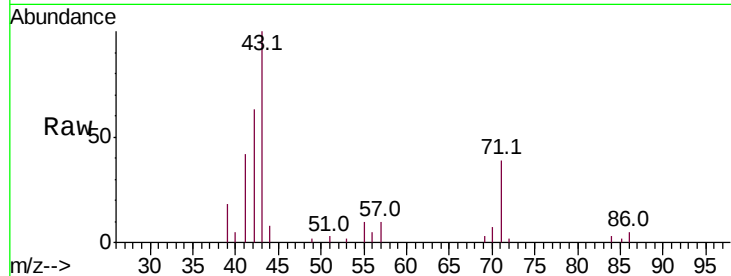




#20
Methvlene Chloride
Concen: 0.278 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

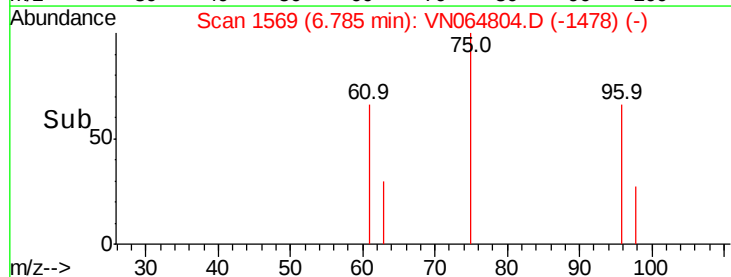
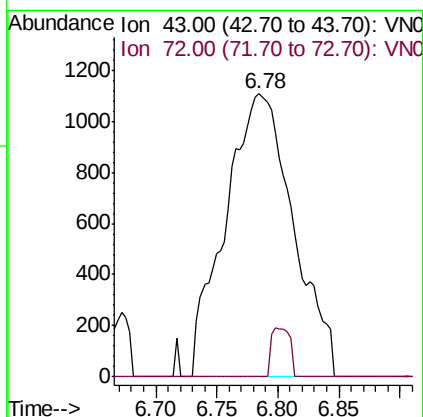
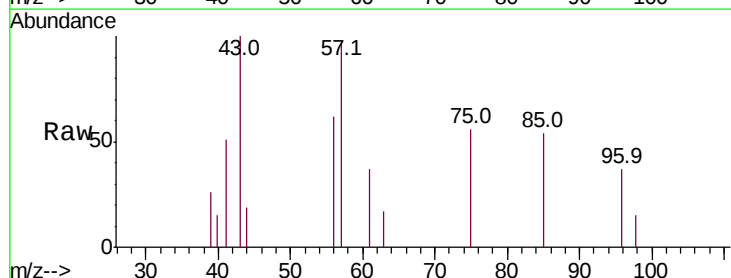
Instrument :
MSVOA_N
ClientSampled :
MW-3

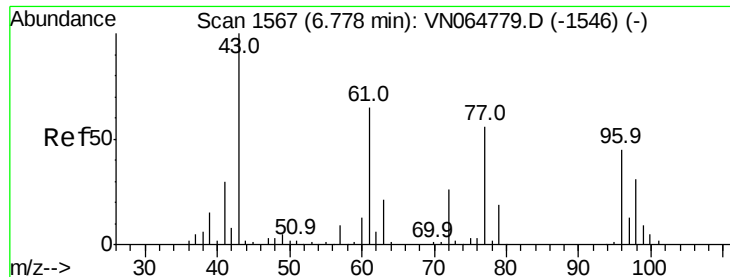
Tot Ion:	84	Resp:	601
Ion	Ratio	Lower	Upper
84	100		
49	136.0	93.4	140.0
51	52.6	28.2	42.4#
86	14.3	51.7	77.5#



#25
2-Butanone
Concen: 3.832 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. -0.01 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

Tgt Ion:	43	Resp:	4279
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.6#





#27

cis-1,2-Dichloroethene

Concen: 0.449 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

Instrument :

MSVOA_N

ClientSampled :

MW-3

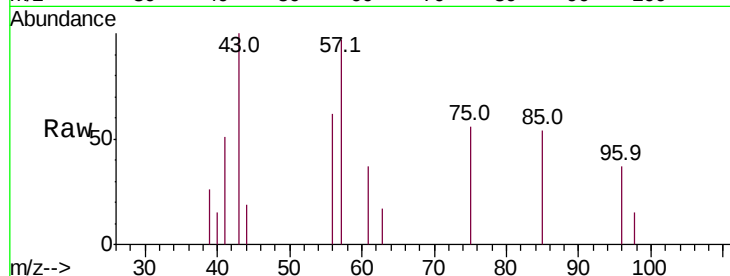
Tot Ion: 96 Resp: 981

Ion Ratio Lower Upper

96 100

61 0.0 0.0 285.8

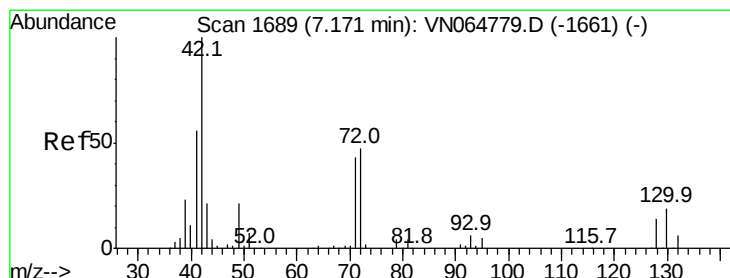
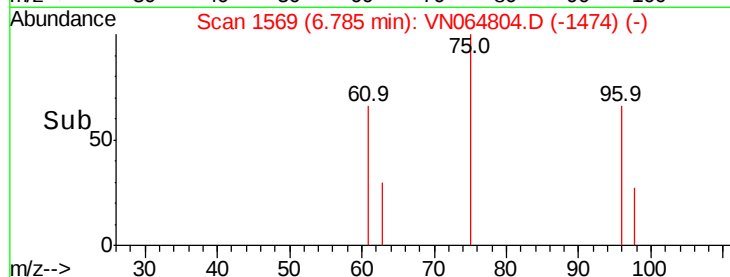
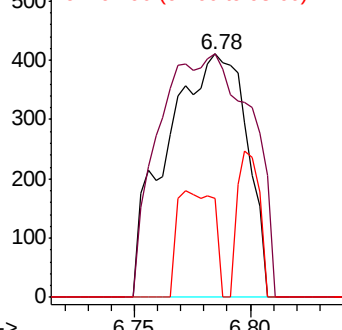
98 16.7 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#29

Tetrahydrofuran

Concen: 0.828 ug/l

RT: 7.34 min Scan# 1743

Delta R.T. 0.17 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

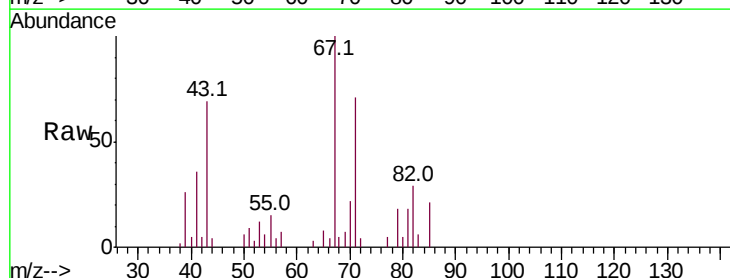
Tgt Ion: 42 Resp: 638

Ion Ratio Lower Upper

42 100

72 72.9 36.6 54.8#

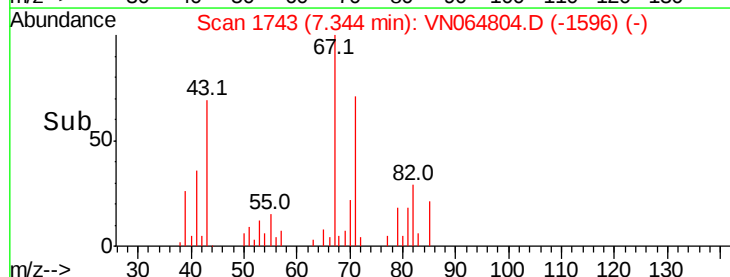
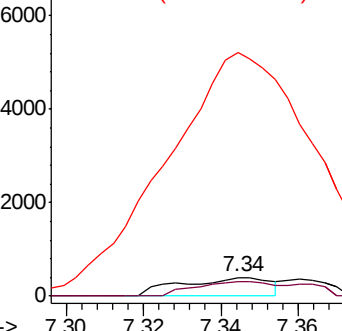
71 2311.0 33.6 50.4#

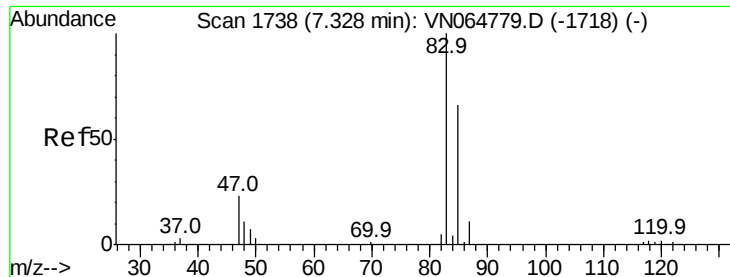


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0





#30

Chloroform

Concen: 1.648 ug/l

RT: 7.28 min Scan# 1724

Delta R.T. -0.04 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

Instrument :

MSVOA_N

ClientSampled :

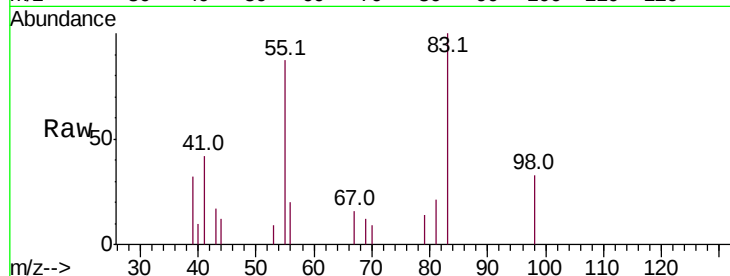
MW-3

Tot Ion: 83 Resp: 5860

Ion Ratio Lower Upper

83 100

85 0.0 52.6 78.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

7.28

1500

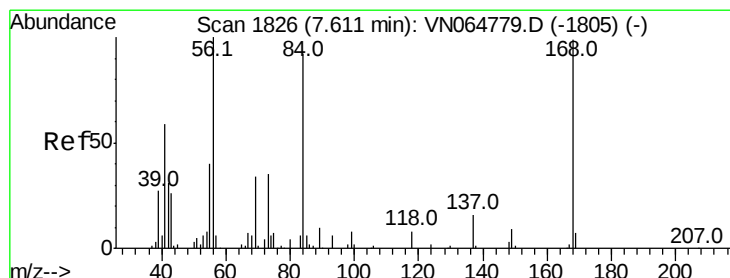
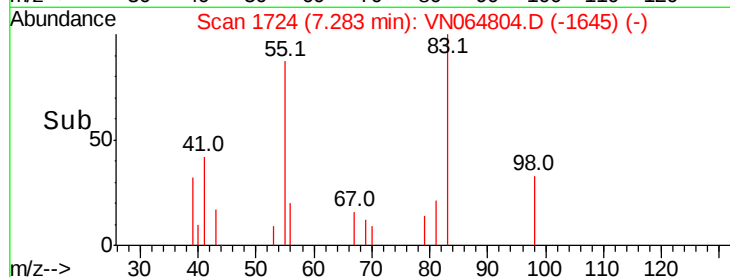
1000

500

0

7.20 7.30 7.40

Time-->



#31

Cyclohexane

Concen: 19.772 ug/l

RT: 7.61 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

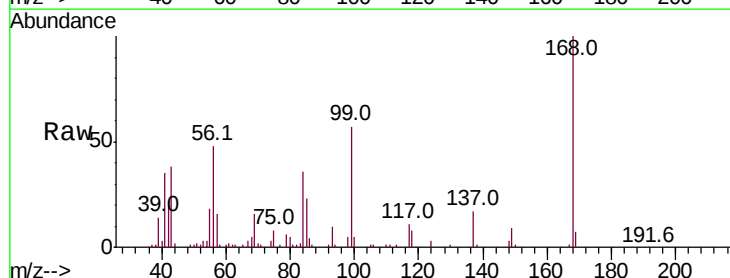
Tgt Ion: 56 Resp: 57745

Ion Ratio Lower Upper

56 100

69 31.5 27.5 41.3

84 75.3 73.9 110.9



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

50000

40000

30000

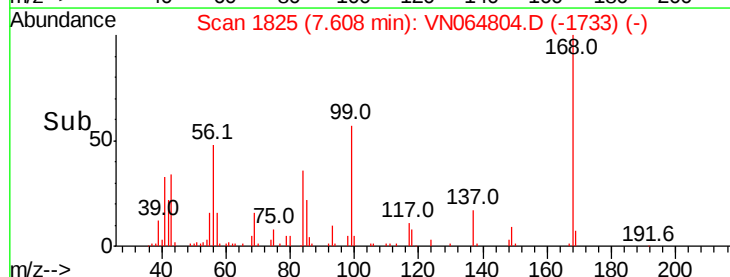
20000

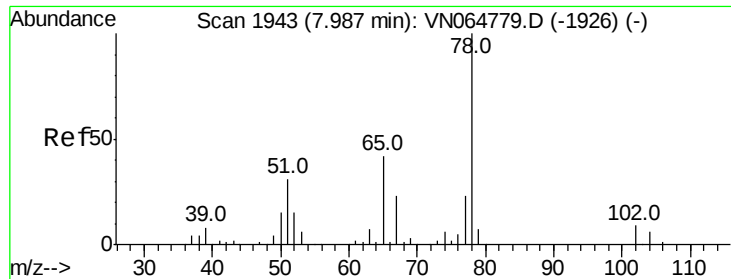
10000

0

7.50 7.55 7.60 7.65

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.065 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

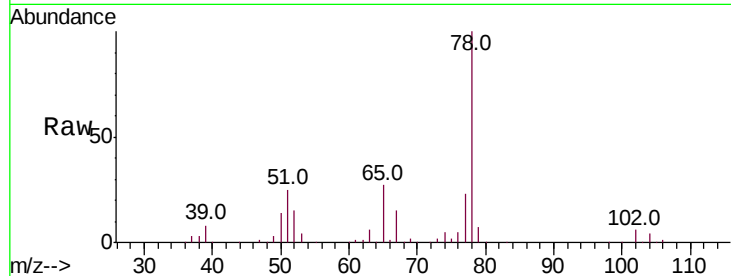
MW-3

Tot Ion: 65 Resp: 100715

Ion Ratio Lower Upper

65 100

67 55.0 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN064804.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064804.D (-1850) (-)

7.99

40000

30000

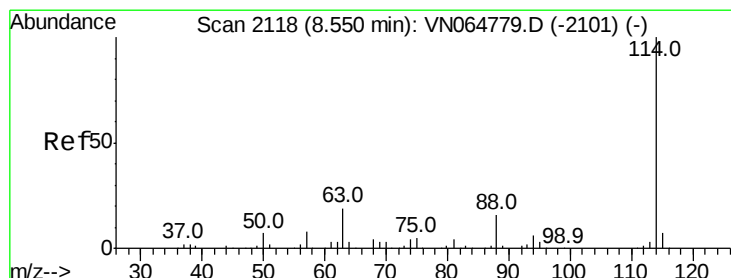
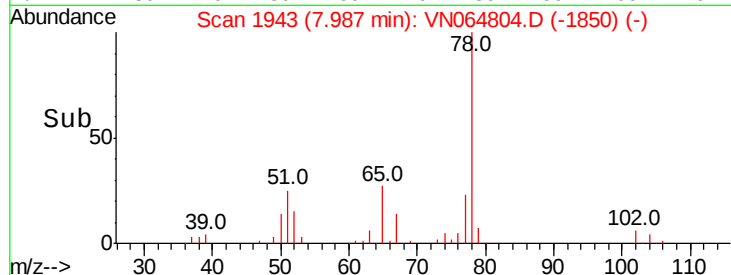
20000

10000

0

7.90 7.95 8.00 8.05

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

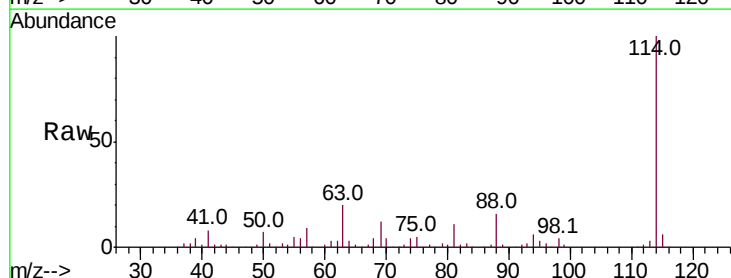
Tgt Ion:114 Resp: 312834

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.6

88 16.2 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): VN064804.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064804.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064804.D (-2025) (-)

8.55

200000

150000

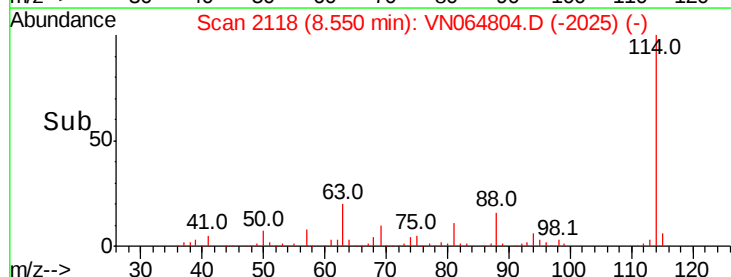
100000

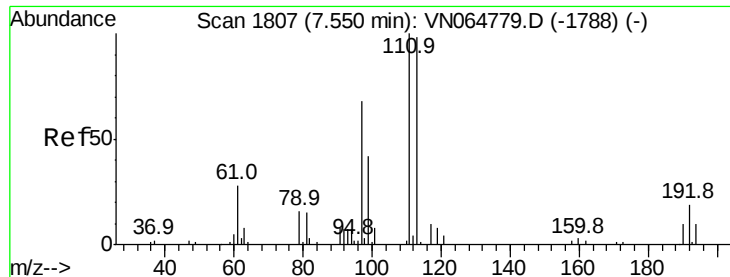
50000

0

8.45 8.50 8.55 8.60 8.65

Time-->





#35

Dibromofluoromethane

Concen: 50.009 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

Instrument :

MSVOA_N

ClientSampled :

MW-3

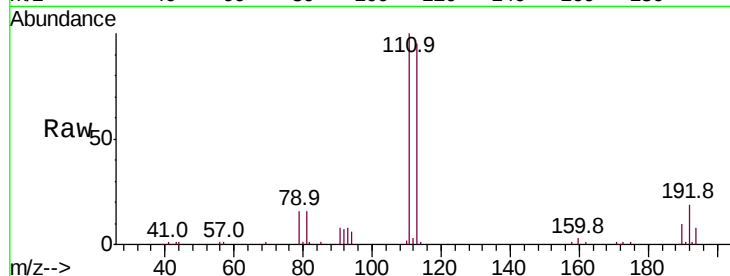
Tot Ion:113 Resp: 93611

Ion Ratio Lower Upper

113 100

111 103.4 81.6 122.4

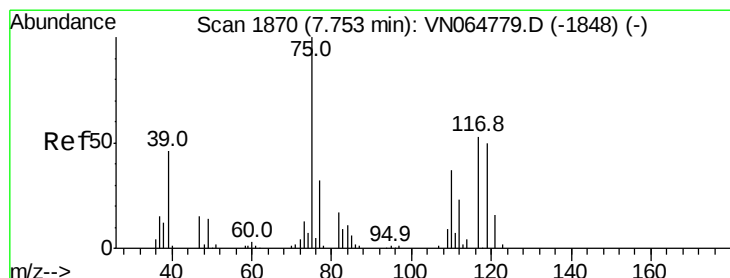
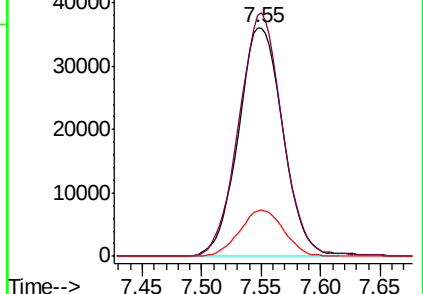
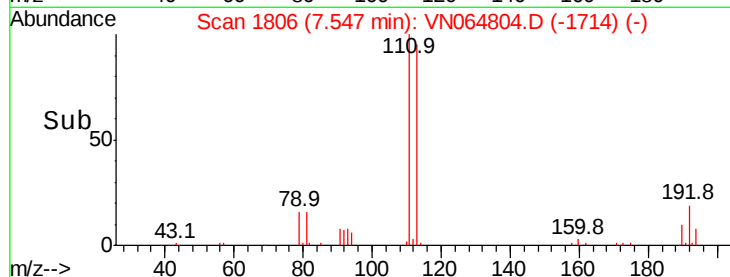
192 20.1 16.2 24.2



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: 4.246 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

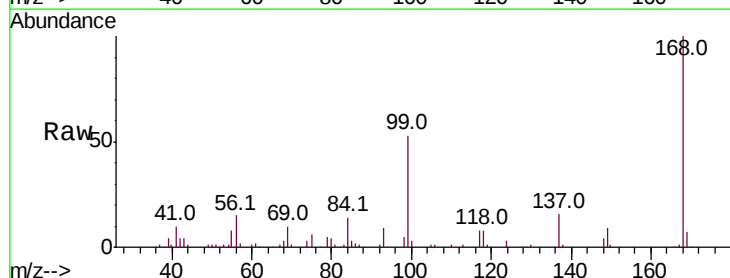
Tgt Ion: 75 Resp: 12312

Ion Ratio Lower Upper

75 100

110 7.5 17.8 53.3#

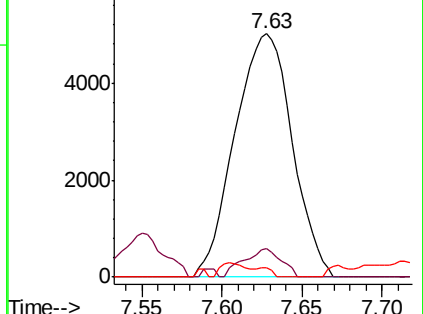
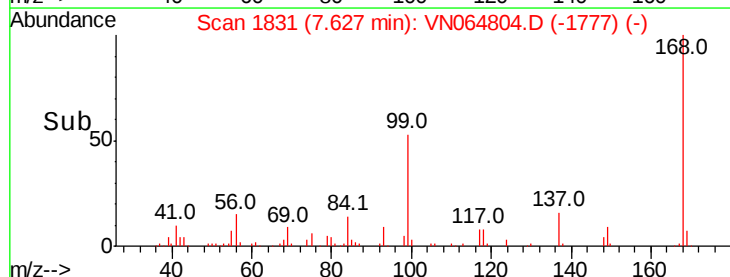
77 0.0 25.0 37.4#

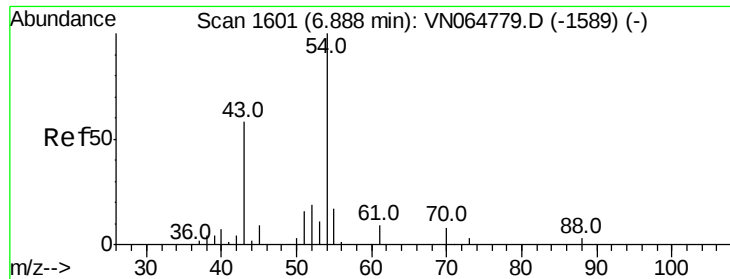


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

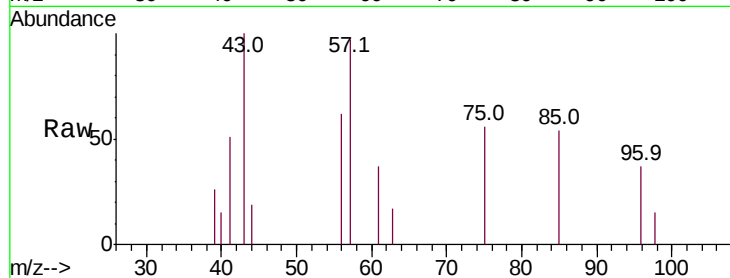




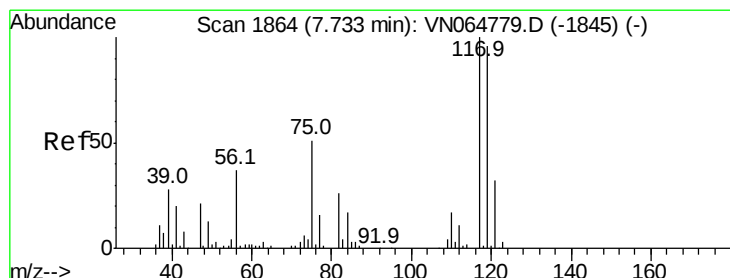
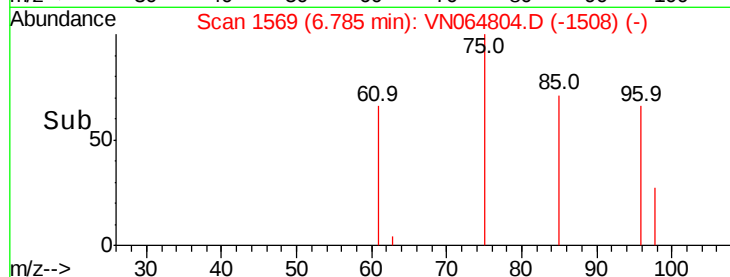
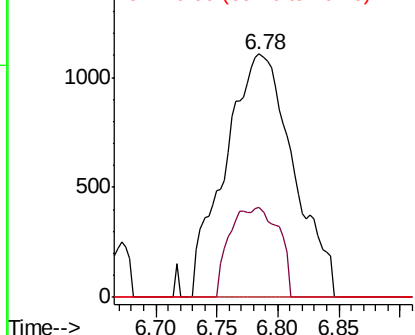
#37
Ethyl Acetate
Concen: 1.532 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. -0.10 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

Instrument :
MSVOA_N
ClientSampled :
MW-3

Tot Ion: 43 Resp: 4279
Ion Ratio Lower Upper
43 100
61 11.1 12.8 19.2#
70 0.0 8.8 13.2#

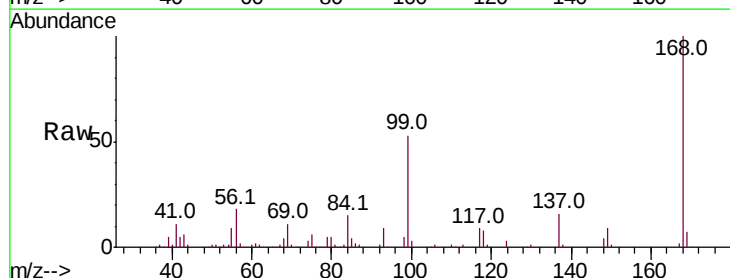


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

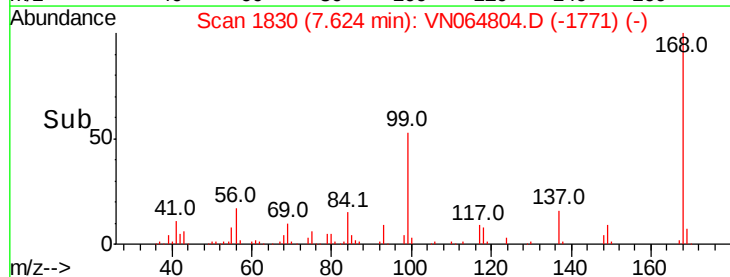
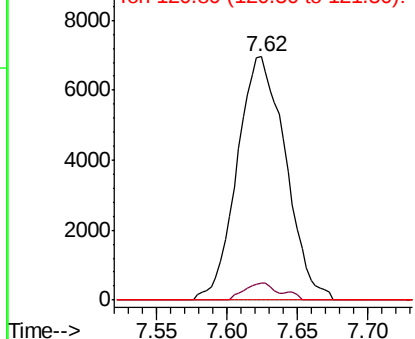


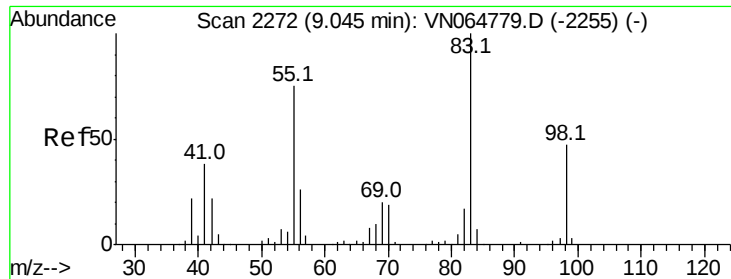
#38
Carbon Tetrachloride
Concen: 5.548 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

Tgt Ion: 117 Resp: 16740
Ion Ratio Lower Upper
117 100
119 7.1 76.7 115.1#
121 0.0 25.4 38.2#



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

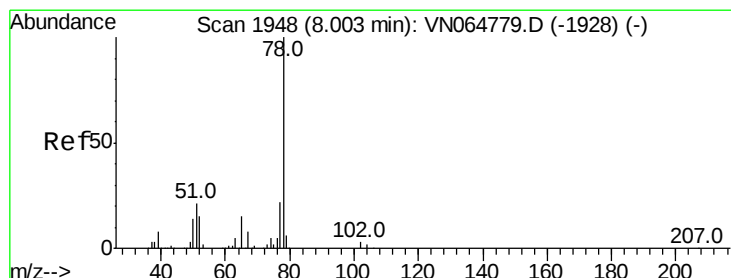
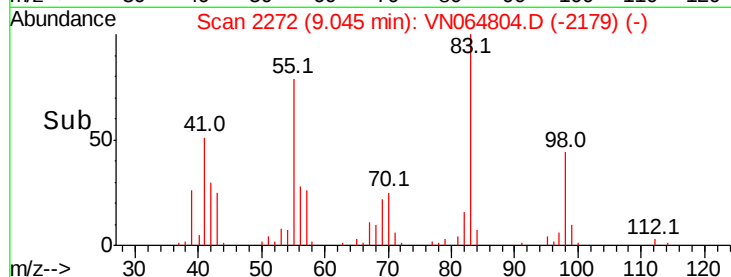
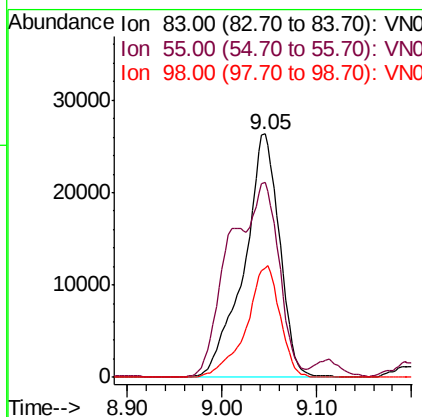
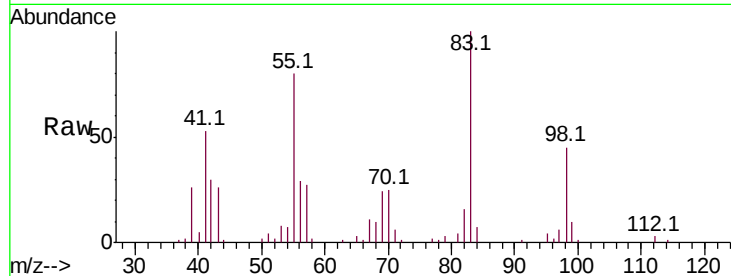




#39
Methvlcvclohexane
Concen: 22.024 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

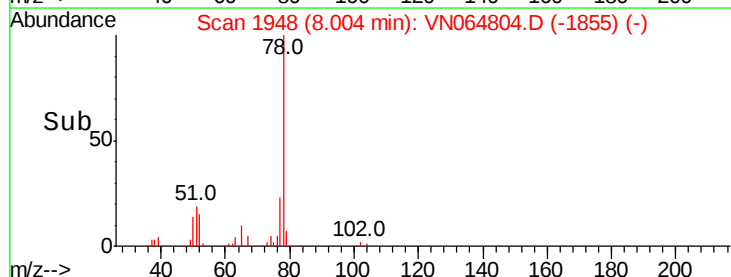
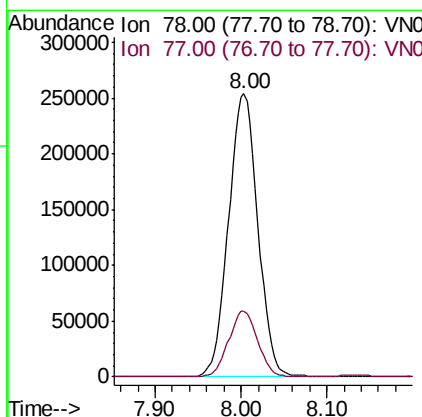
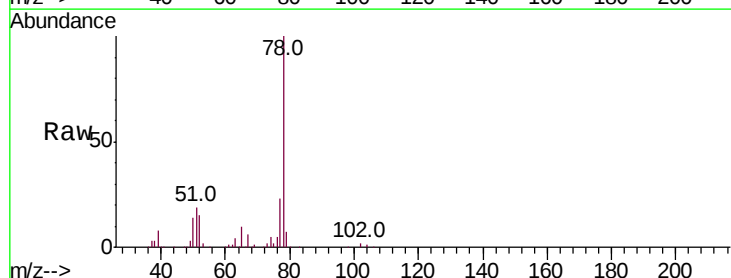
Instrument :
MSVOA_N
ClientSampled :
MW-3

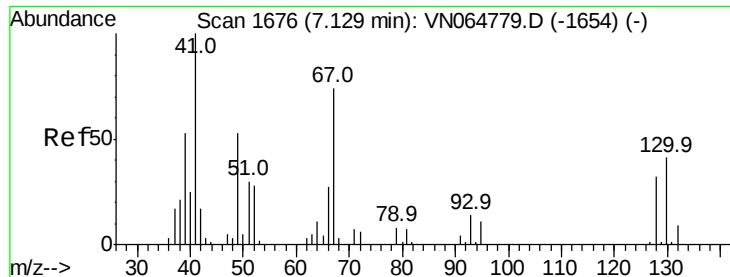
Tot Ion: 83 Resp: 68749
Ion Ratio Lower Upper
83 100
55 79.5 60.2 90.2
98 45.1 37.4 56.2



#40
Benzene
Concen: 67.590 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

Tgt Ion: 78 Resp: 600574
Ion Ratio Lower Upper
78 100
77 23.2 17.9 26.9

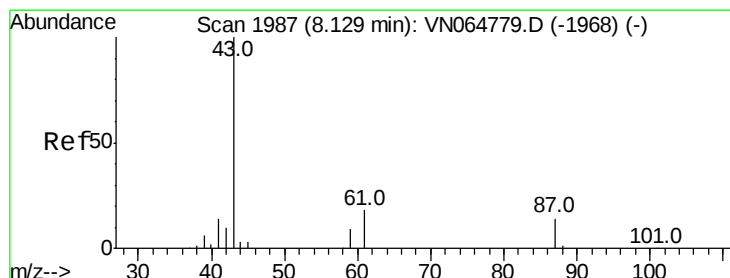
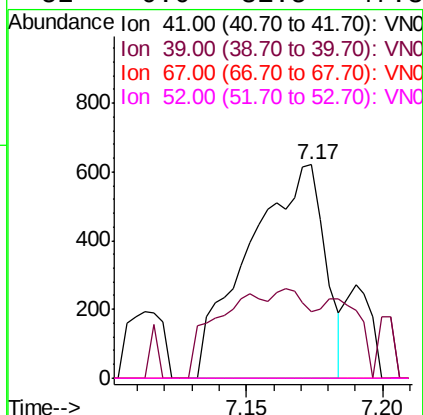
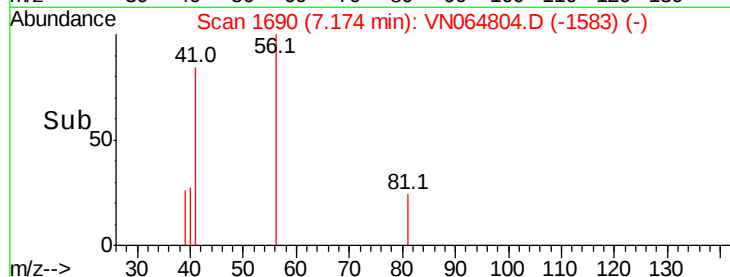
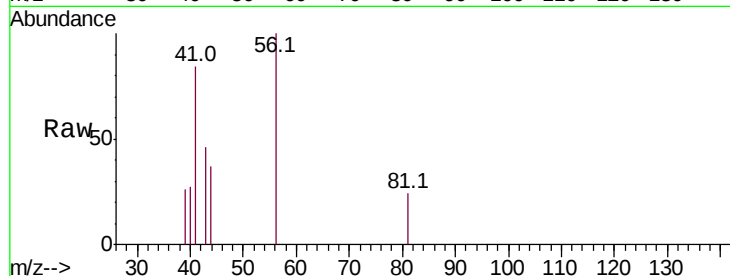




#41
Methacrylonitrile
Concen: 0.933 ug/l
RT: 7.17 min Scan# 1690
Delta R.T. 0.05 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

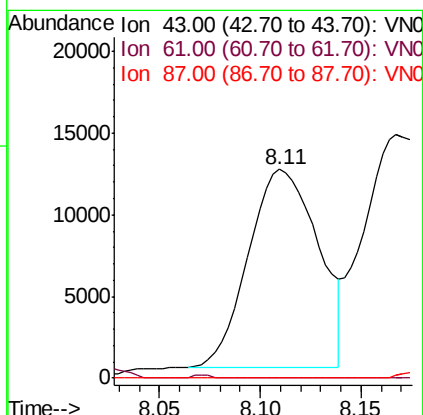
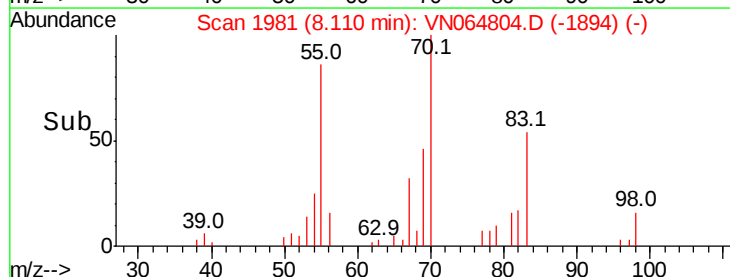
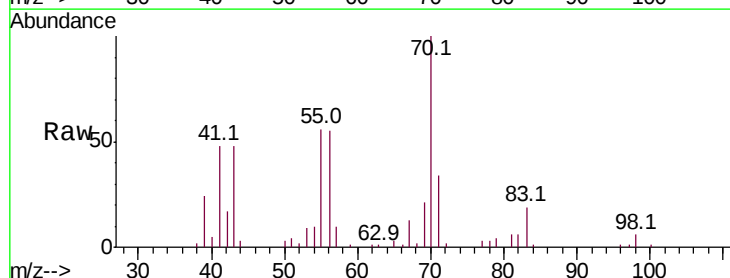
Instrument :
MSVOA_N
ClientSampled :
MW-3

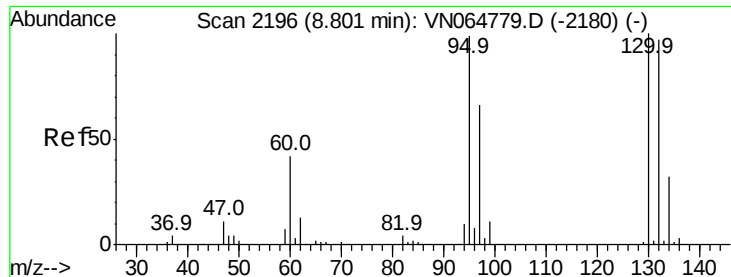
Tot Ion: 41 Resp: 1203
Ion Ratio Lower Upper
41 100
39 0.0 51.0 76.6#
67 0.0 79.8 119.8#
52 0.0 31.5 47.3#



#43
Isopropyl Acetate
Concen: 6.466 ug/l
RT: 8.11 min Scan# 1981
Delta R.T. -0.02 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

Tgt Ion: 43 Resp: 29060
Ion Ratio Lower Upper
43 100
61 0.0 17.2 25.8#
87 0.0 11.4 17.0#





#44

Trichloroethene

Concen: 0.476 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

Instrument :

MSVOA_N

ClientSampled :

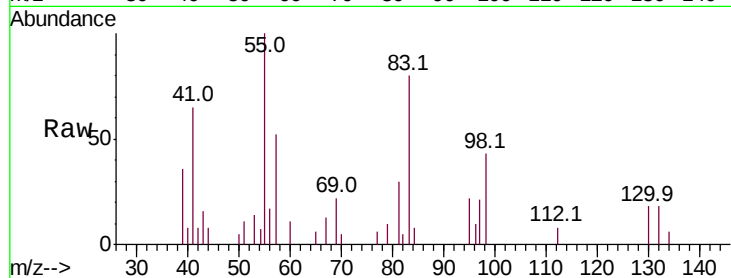
MW-3

Tot Ion:130 Resp: 1248

Ion Ratio Lower Upper

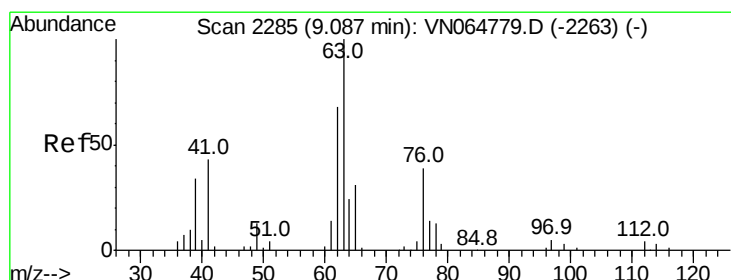
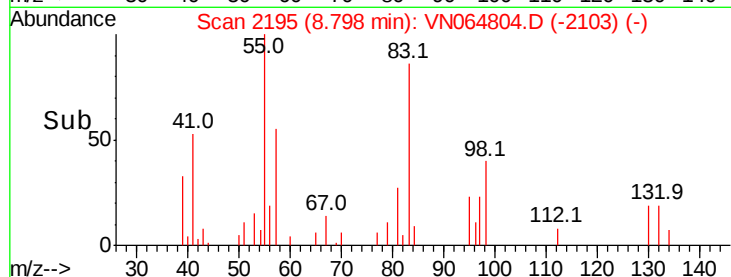
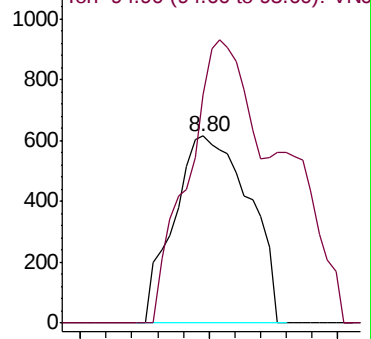
130 100

95 122.0 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#45

1,2-Dichloropropane

Concen: 0.211 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. -0.04 min

Lab File: VN064804.D

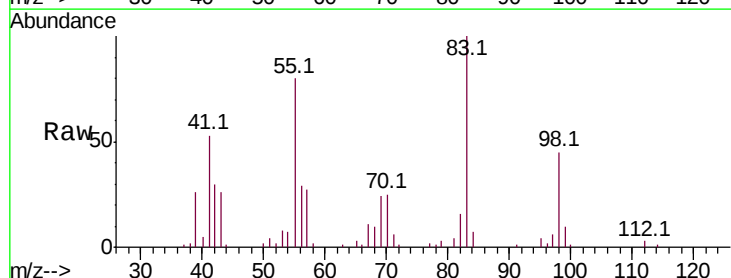
Acq: 24 Nov 2020 12:38

Tgt Ion: 63 Resp: 486

Ion Ratio Lower Upper

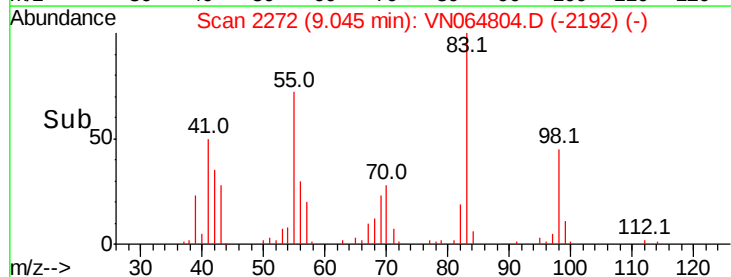
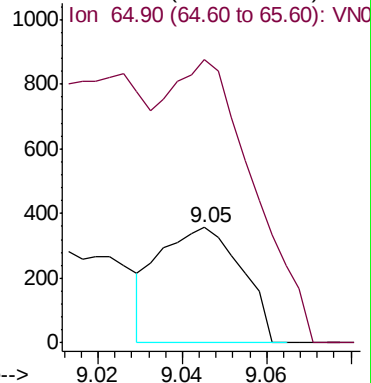
63 100

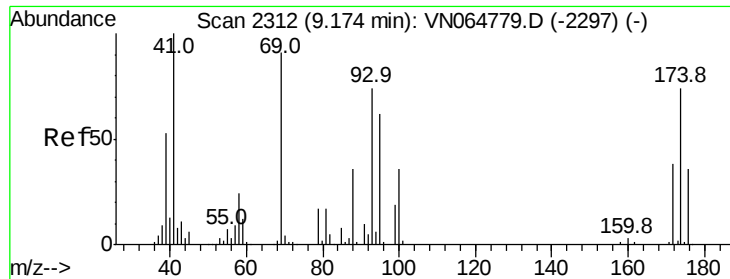
65 178.9 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO





#46

Dibromomethane

Concen: 0.340 ug/l

RT: 9.12 min Scan# 2295

Delta R.T. -0.05 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

Instrument :

MSVOA_N

ClientSampled :

MW-3

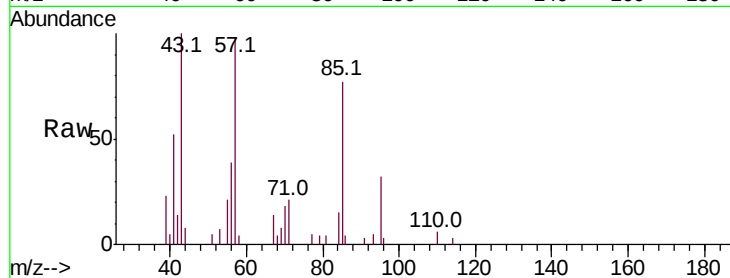
Tot Ion: 93 Resp: 522

Ion Ratio Lower Upper

93 100

95 919.5 68.8 103.2#

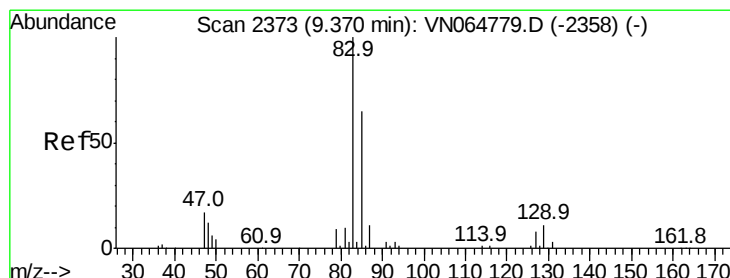
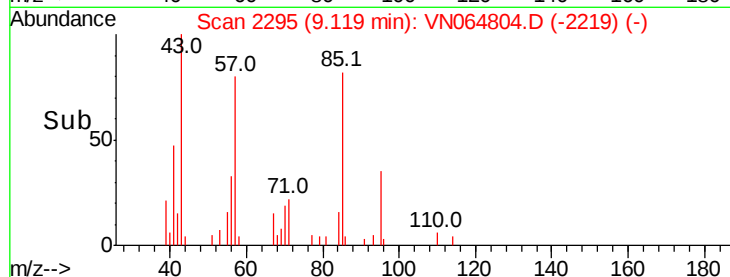
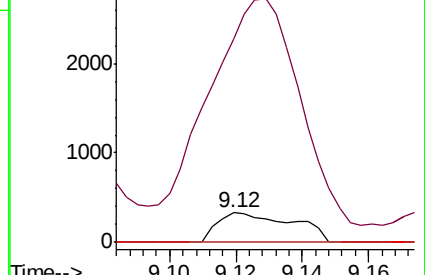
174 0.0 83.1 124.7#



Abundance Ion 92.80 (92.50 to 93.50): VN064779.D (-2297) (-)

Ion 94.80 (94.50 to 95.50): VN064779.D (-2297) (-)

Ion 173.70 (173.40 to 174.40): VN064779.D (-2297) (-)



#47

Bromodichloromethane

Concen: 4.032 ug/l

RT: 9.36 min Scan# 2369

Delta R.T. -0.01 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

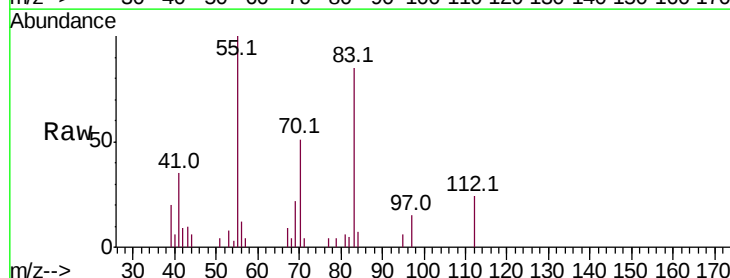
Tgt Ion: 83 Resp: 12471

Ion Ratio Lower Upper

83 100

85 0.0 51.8 77.8#

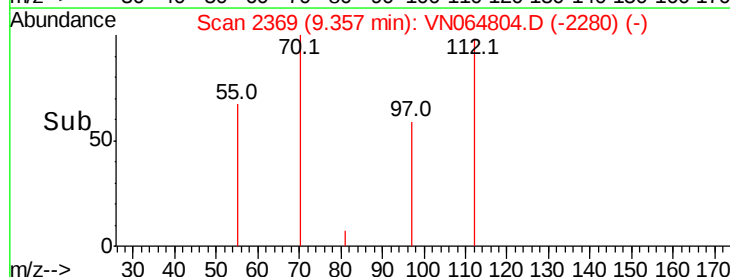
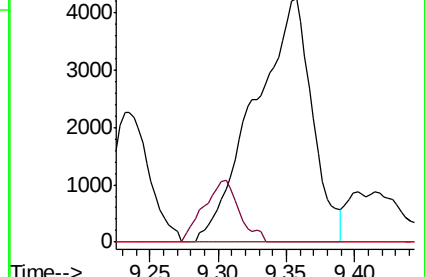
127 0.0 6.8 10.2#

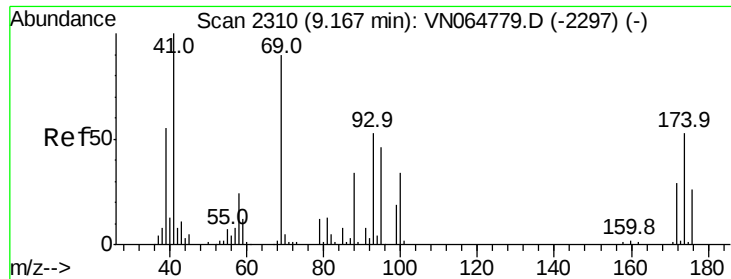


Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-2358) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-2358) (-)

Ion 126.80 (126.50 to 127.50): VN064779.D (-2358) (-)

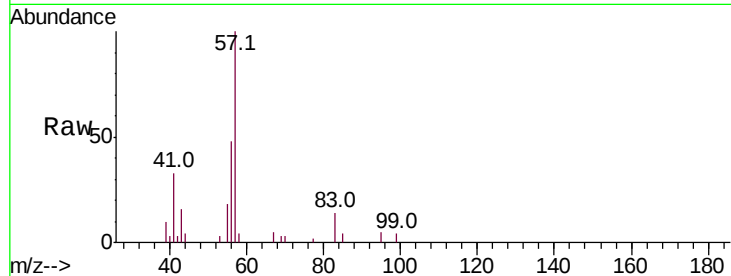




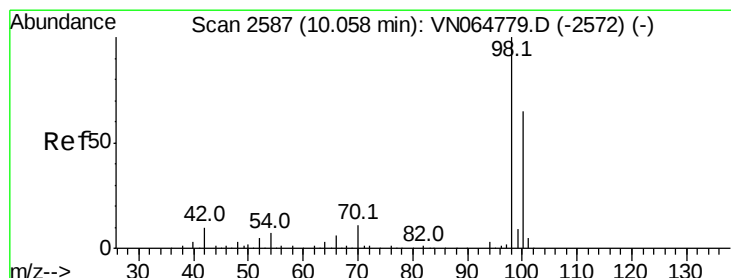
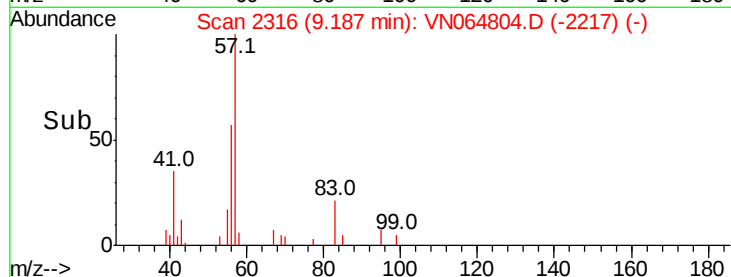
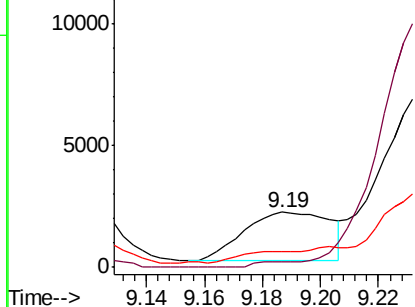
#48
Methyl methacrylate
Concen: 1.940 ug/l
RT: 9.19 min Scan# 2316
Delta R.T. 0.02 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

Instrument :
MSVOA_N
ClientSampled :
MW-3

Tot Ion: 41 Resp: 4167
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 29.7 44.1 66.1#

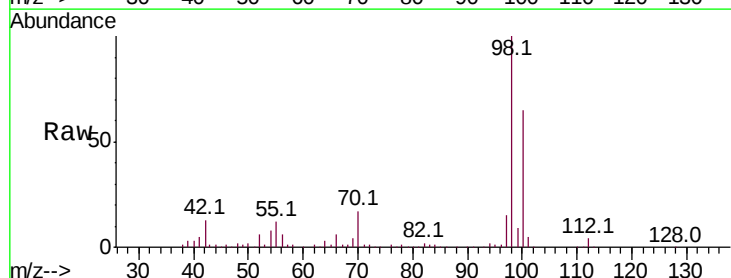


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

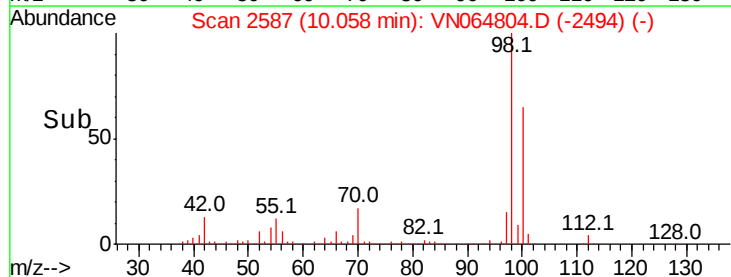
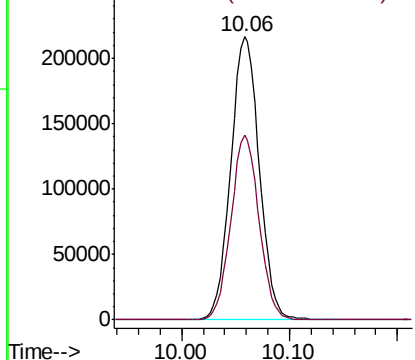


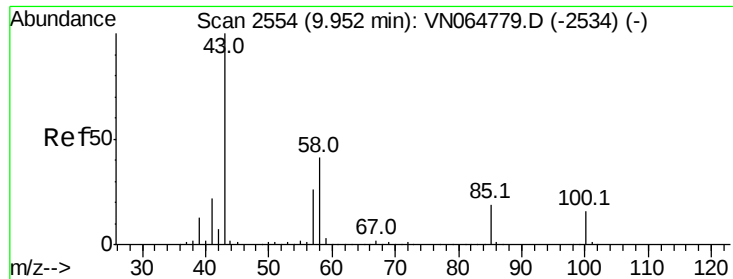
#50
Toluene-d8
Concen: 52.366 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

Tgt Ion: 98 Resp: 400521
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.083 ug/l

RT: 9.98 min Scan# 2564

Delta R.T. 0.03 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

Instrument :

MSVOA_N

ClientSampled :

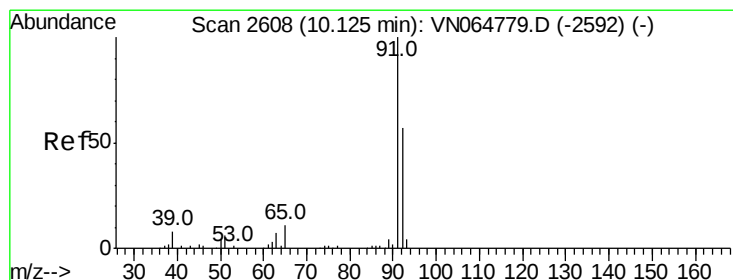
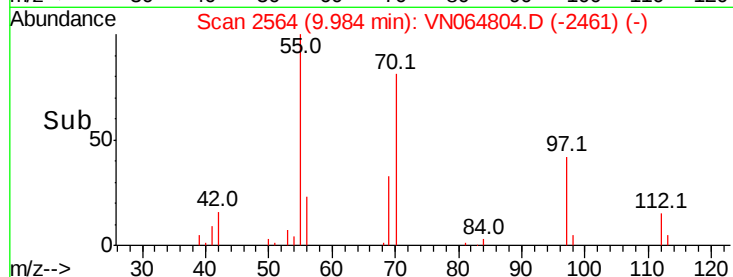
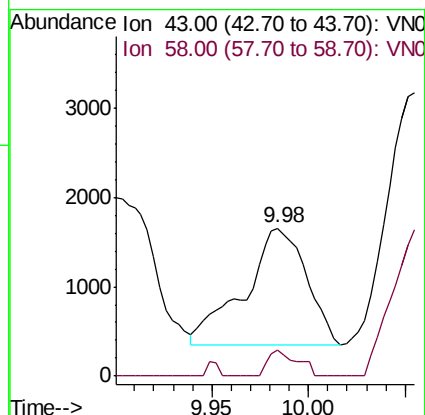
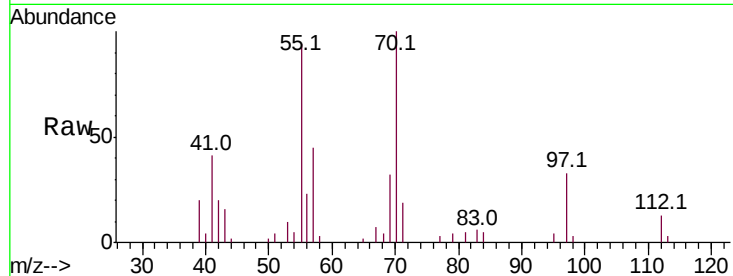
MW-3

Tot Ion: 43 Resp: 2923

Ion Ratio Lower Upper

43 100

58 10.6 32.4 48.6#



#52

Toluene

Concen: 26.064 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064804.D

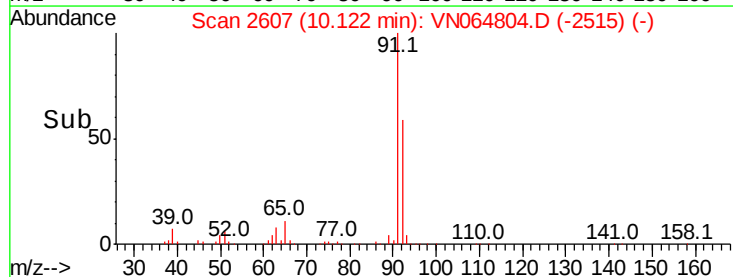
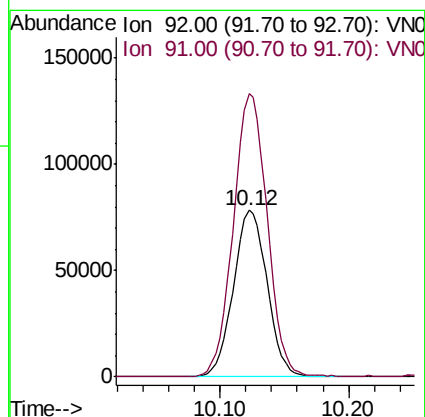
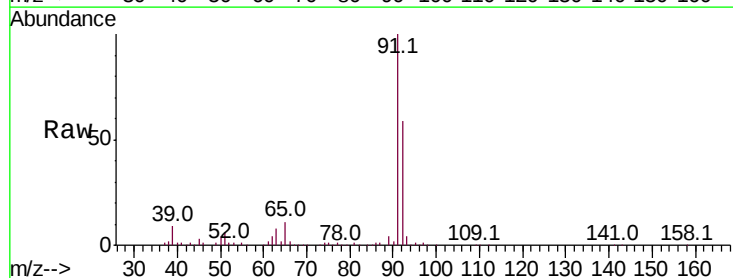
Acq: 24 Nov 2020 12:38

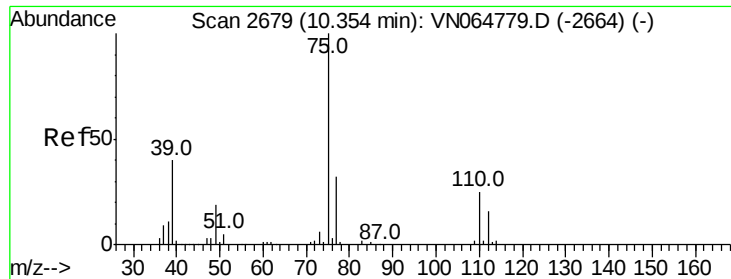
Tgt Ion: 92 Resp: 142626

Ion Ratio Lower Upper

92 100

91 169.8 139.1 208.7

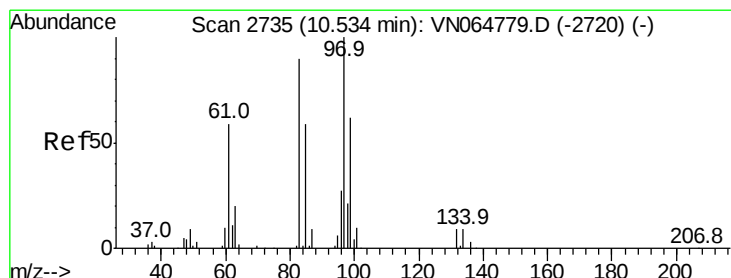
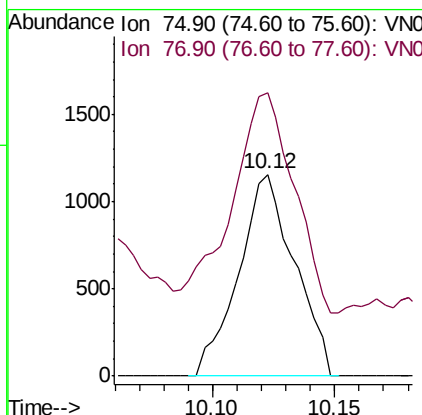
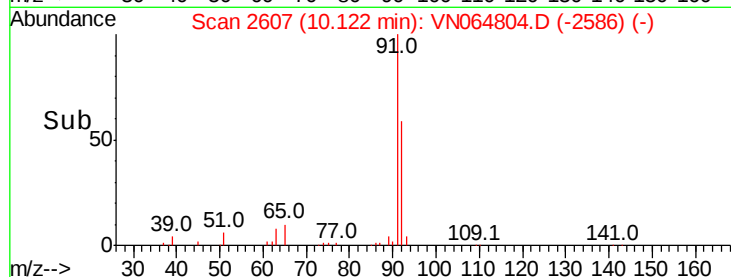
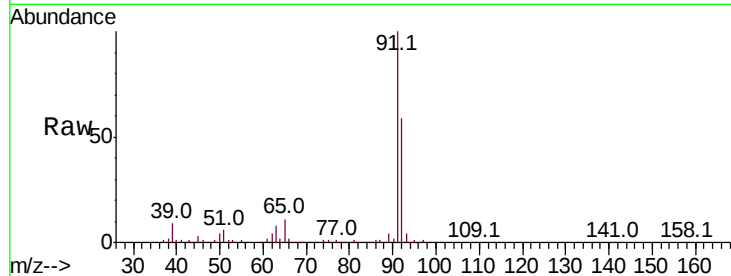




#53
t-1,3-Dichloropropene
Concen: 0.532 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.23 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

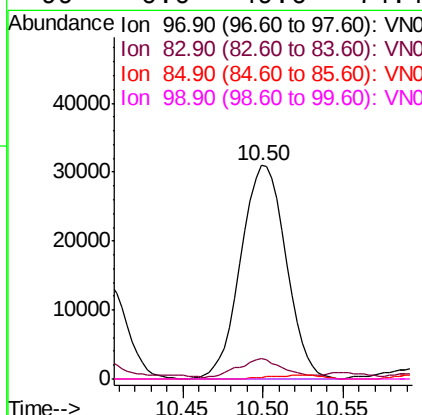
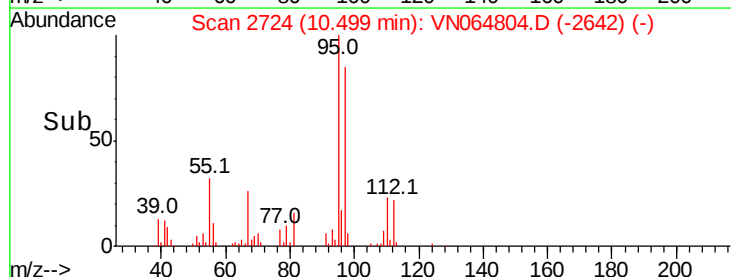
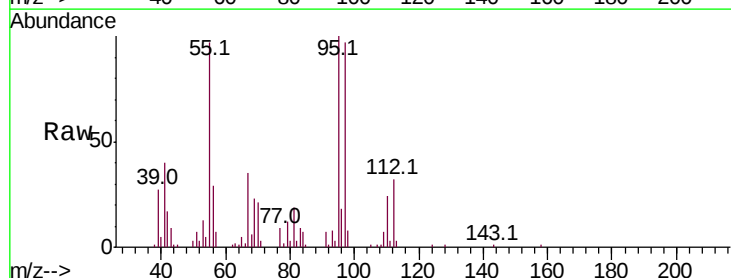
Instrument :
MSVOA_N
ClientSampleId :
MW-3

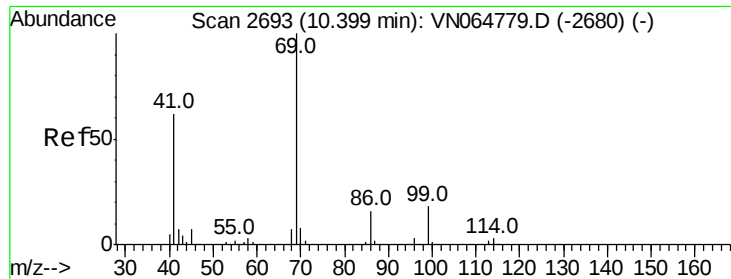
Tot Ion: 75 Resp: 1833
Ion Ratio Lower Upper
75 100
77 109.3 25.8 38.6#



#55
1,1,2-Trichloroethane
Concen: 26.692 ug/l
RT: 10.50 min Scan# 2724
Delta R.T. -0.04 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

Tgt Ion: 97 Resp: 60061
Ion Ratio Lower Upper
97 100
83 8.3 72.1 108.1#
85 0.9 46.8 70.2#
99 0.0 49.6 74.4#

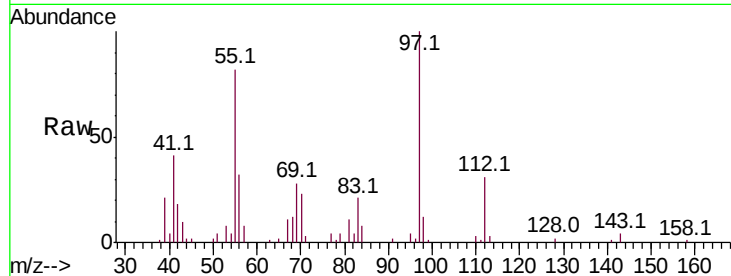




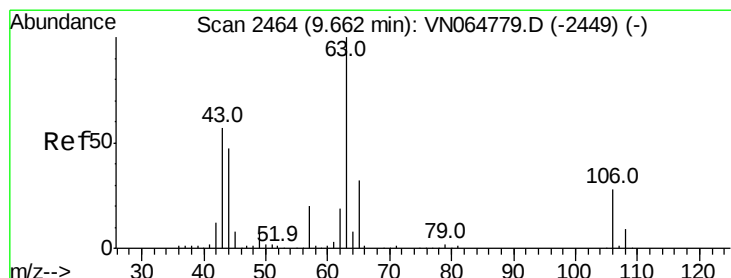
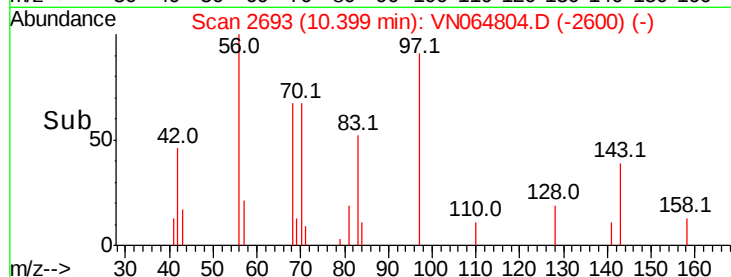
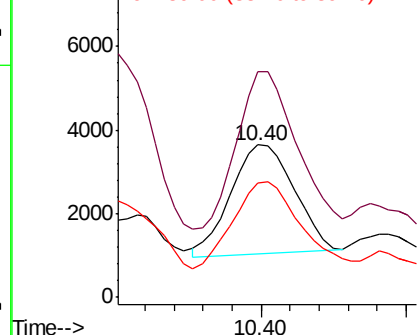
#56
Ethyl methacrylate
Concen: 1.276 ug/l
RT: 10.40 min Scan# 2693
Delta R.T. 0.00 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

Instrument :
MSVOA_N
ClientSampled :
MW-3

Tot Ion: 69 Resp: 3962
Ion Ratio Lower Upper
69 100
41 132.9 49.4 74.0#
39 83.0 25.9 38.9#

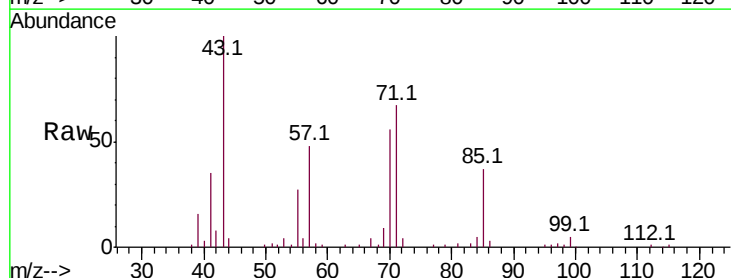


Abundance Ion 69.00 (68.70 to 69.70): VN0
Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

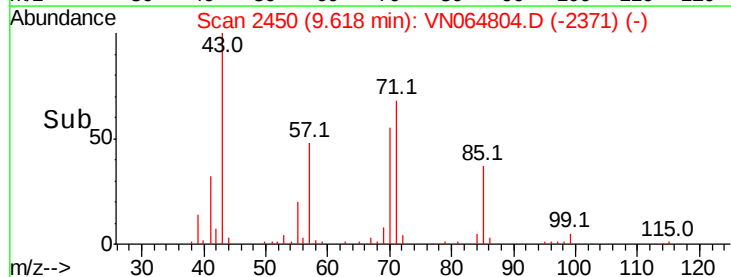
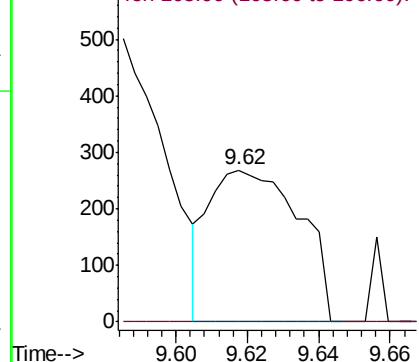


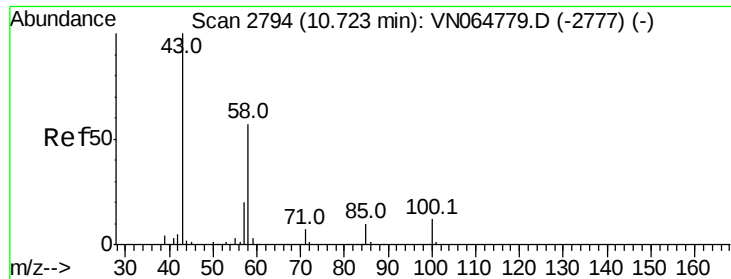
#58
2-Chloroethyl Vinyl ether
Concen: 0.276 ug/l
RT: 9.62 min Scan# 2450
Delta R.T. -0.04 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

Tgt Ion: 63 Resp: 472
Ion Ratio Lower Upper
63 100
106 0.0 22.7 34.1#



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 0.366 ug/l

RT: 10.85 min Scan# 2834

Delta R.T. 0.13 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

Instrument :

MSVOA_N

ClientSampled :

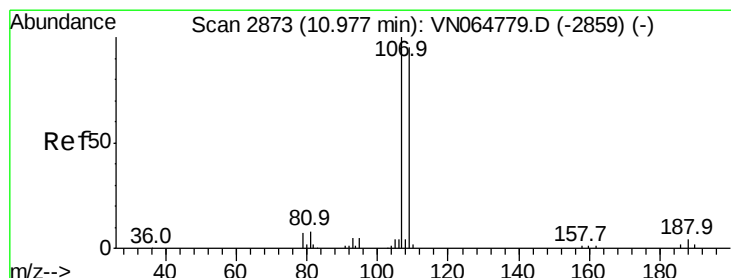
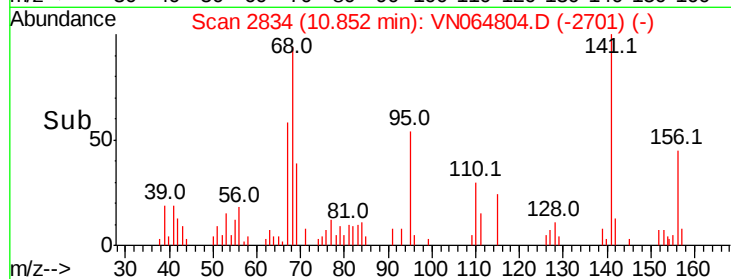
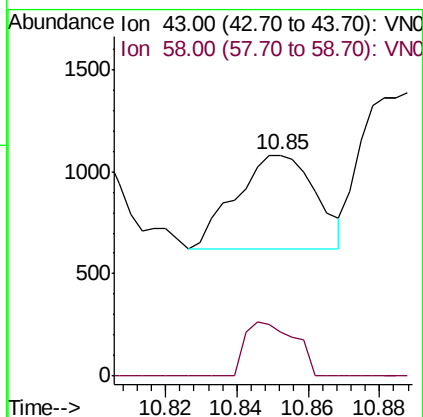
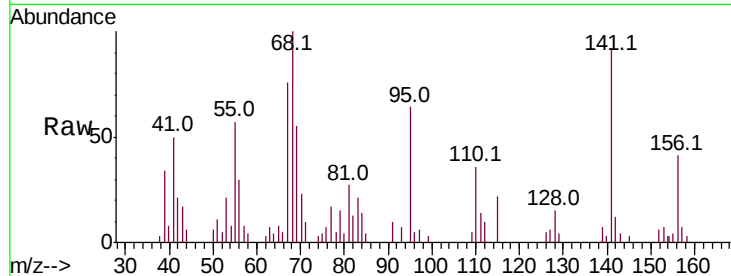
MW-3

Tot Ion: 43 Resp: 710

Ion Ratio Lower Upper

43 100

58 35.8 28.3 84.9



#61

1,2-Dibromoethane

Concen: 0.261 ug/l

RT: 10.96 min Scan# 2866

Delta R.T. -0.02 min

Lab File: VN064804.D

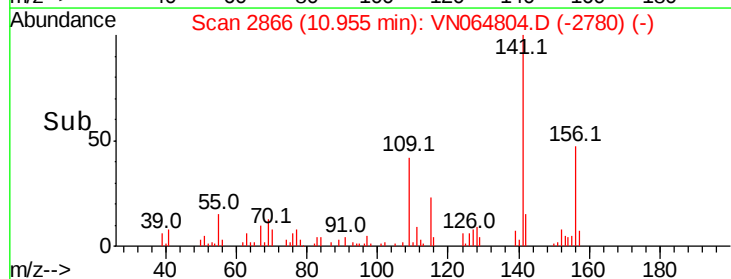
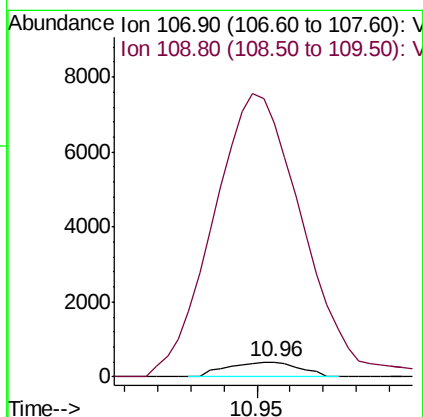
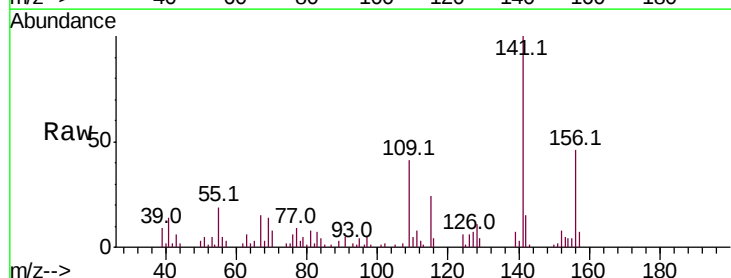
Acq: 24 Nov 2020 12:38

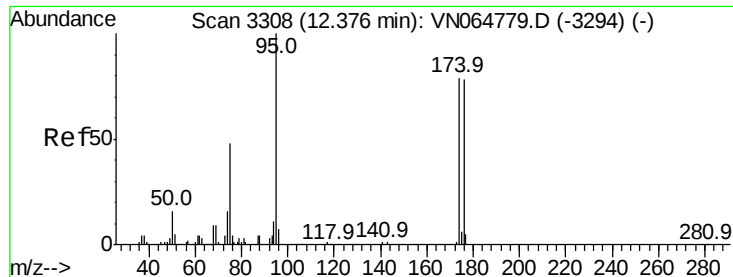
Tgt Ion: 107 Resp: 597

Ion Ratio Lower Upper

107 100

109 2385.1 76.0 114.0#

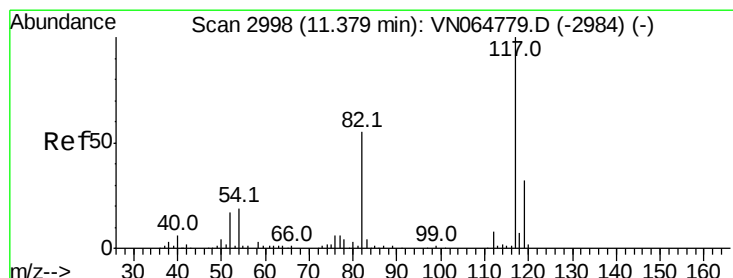
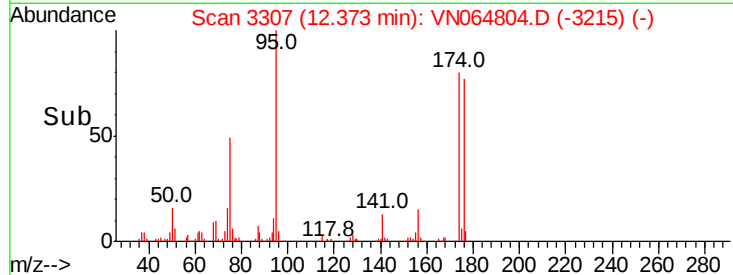
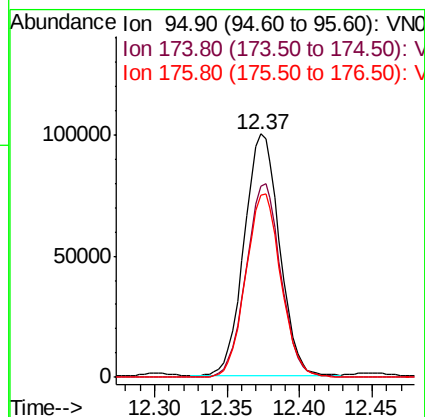
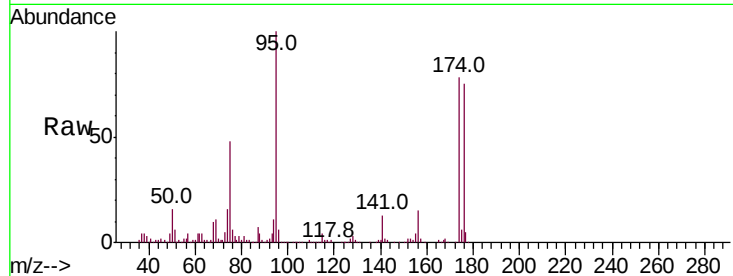




#62
4-Bromofluorobenzene
Concen: 61.975 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

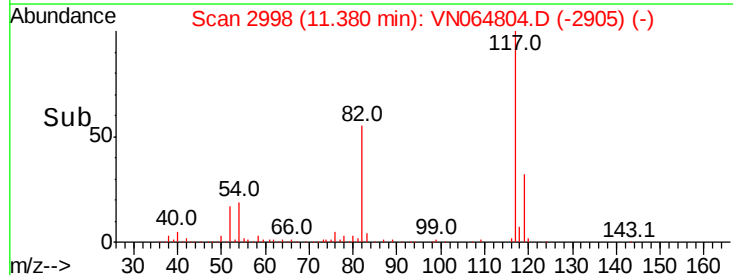
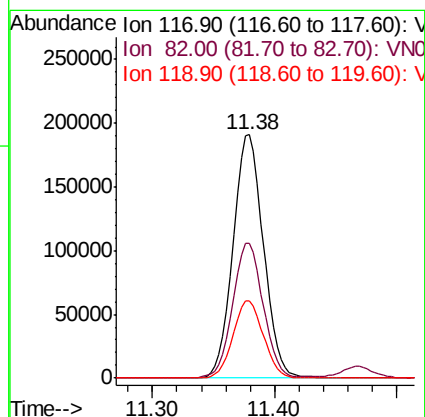
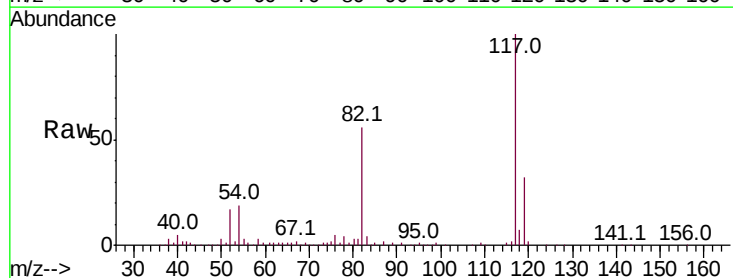
Instrument :
MSVOA_N
ClientSampled :
MW-3

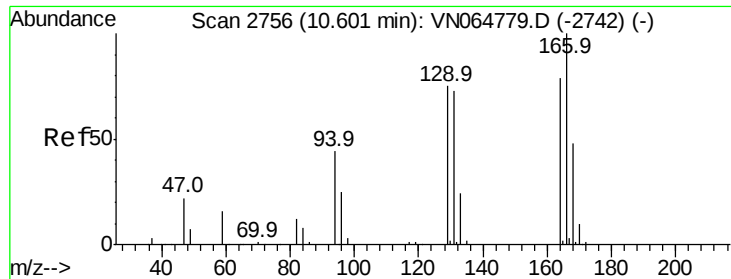
Tot Ion	95	Resp	169640
Ion Ratio	Lower	Upper	
95	100		
174	78.7	0.0	160.4
176	75.5	0.0	158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

Tgt Ion	117	Resp	331382
Ion Ratio	Lower	Upper	
117	100		
82	55.3	44.2	66.2
119	32.0	25.8	38.6





#64

Tetrachloroethene

Concen: 0.243 ug/l

RT: 10.60 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

Instrument :

MSVOA_N

ClientSampled :

MW-3

Tot Ion:164 Resp: 783

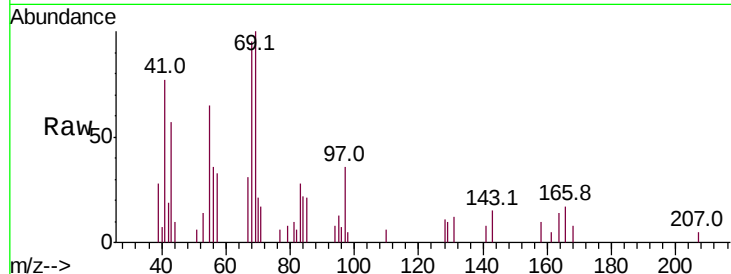
Ion Ratio Lower Upper

164 100

166 121.6 101.4 152.0

129 71.1 76.1 114.1#

131 80.2 74.2 111.2

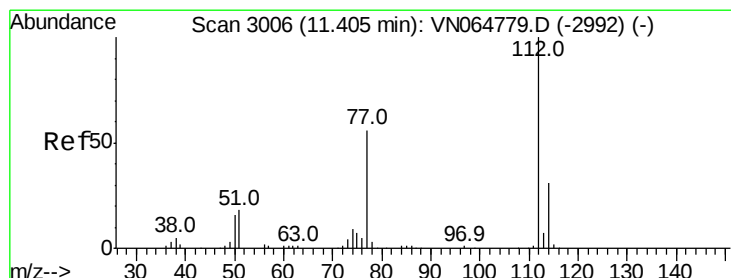
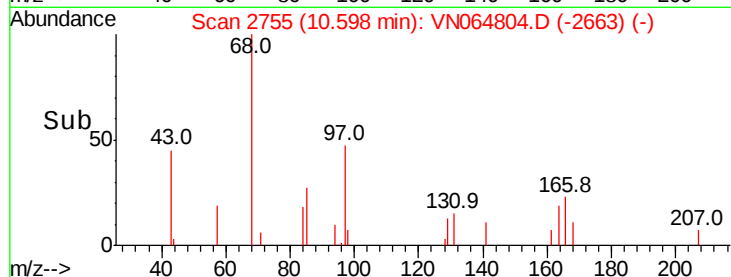
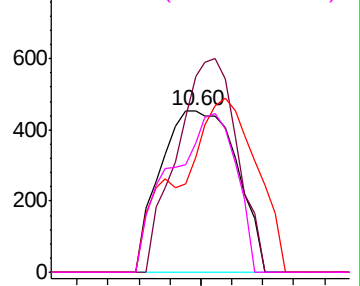


Abundance Ion 163.80 (163.50 to 164.50): V

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



#65

Chlorobenzene

Concen: 0.761 ug/l

RT: 11.56 min Scan# 3054

Delta R.T. 0.15 min

Lab File: VN064804.D

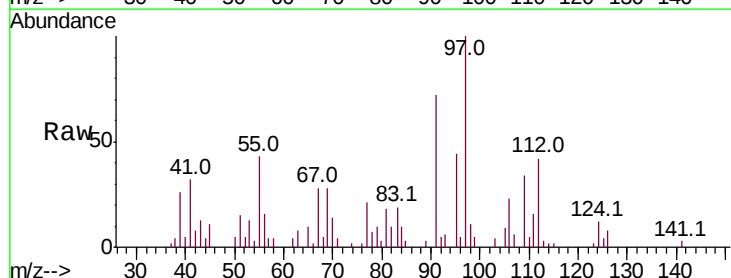
Acq: 24 Nov 2020 12:38

Tgt Ion:112 Resp: 5412

Ion Ratio Lower Upper

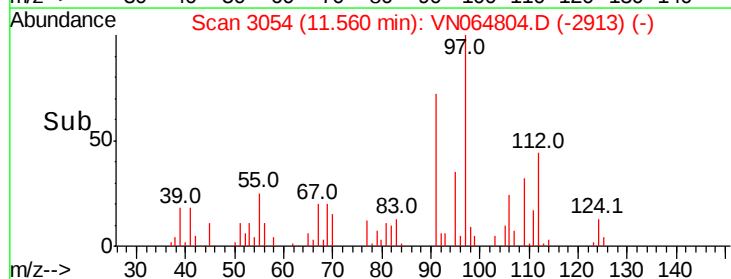
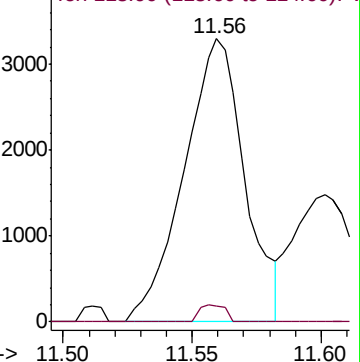
112 100

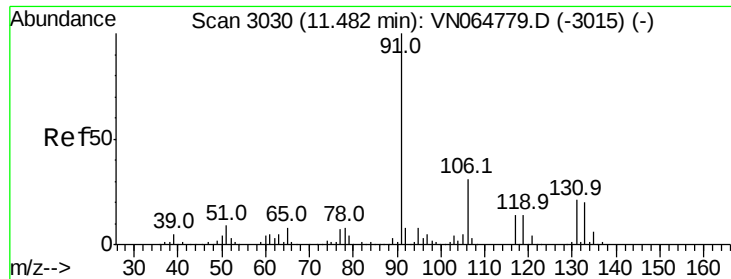
114 5.8 25.1 37.7#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#67

Ethyl Benzene

Concen: 462.490 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

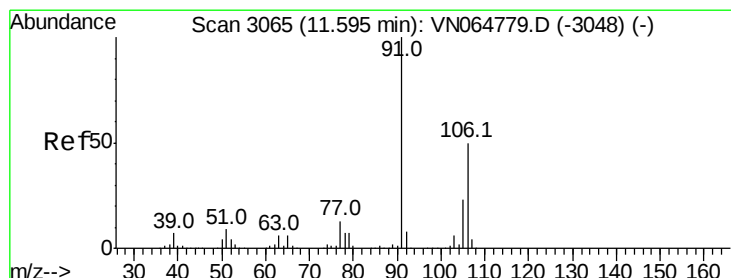
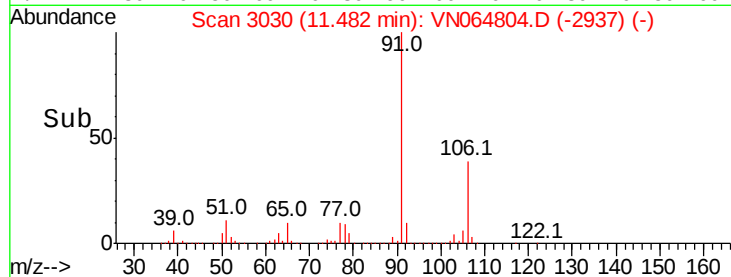
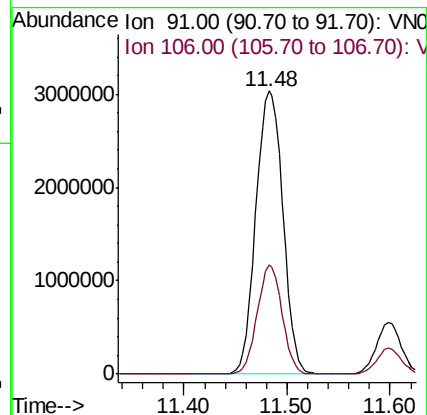
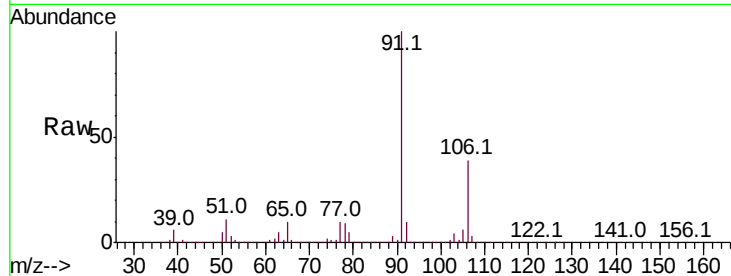
MW-3

Tot Ion: 91 Resp: 5498230

Ion Ratio Lower Upper

91 100

106 38.7 25.2 37.8#



#68

m/p-Xylenes

Concen: 103.170 ug/l

RT: 11.60 min Scan# 3066

Delta R.T. 0.00 min

Lab File: VN064804.D

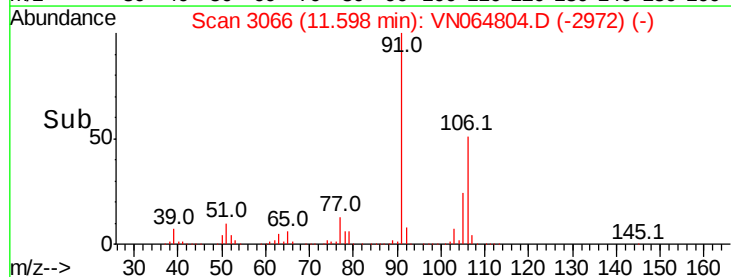
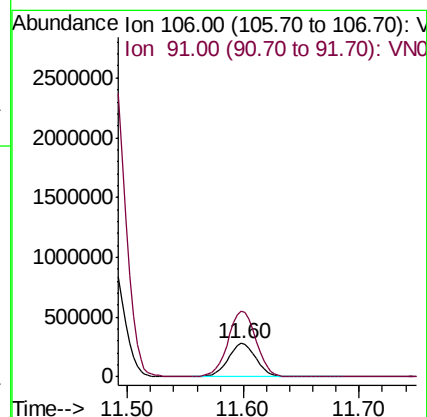
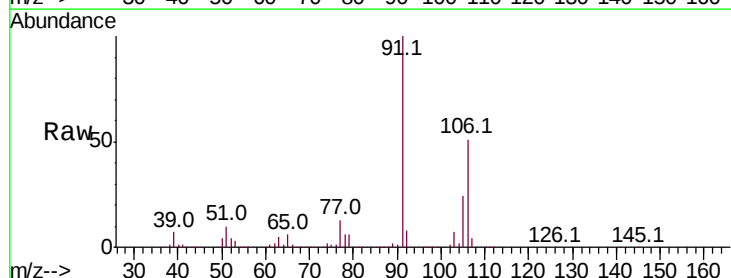
Acq: 24 Nov 2020 12:38

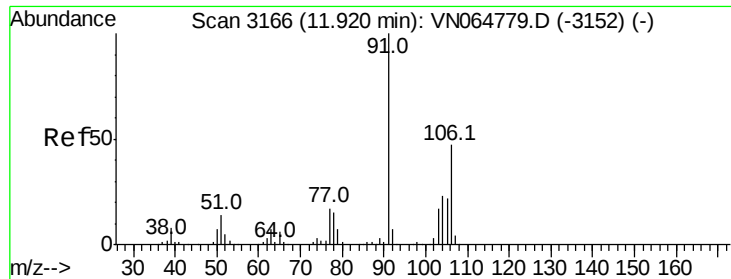
Tgt Ion: 106 Resp: 464368

Ion Ratio Lower Upper

106 100

91 200.5 161.0 241.4

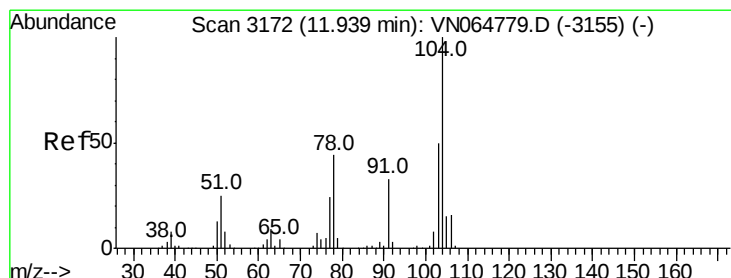
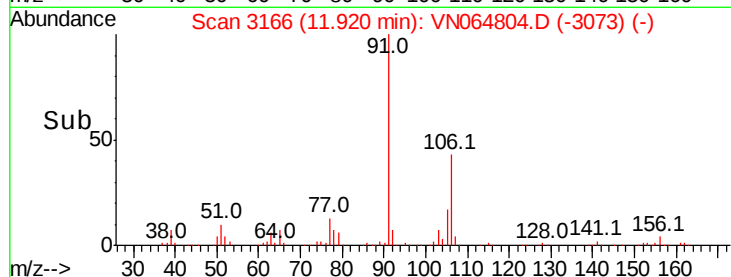
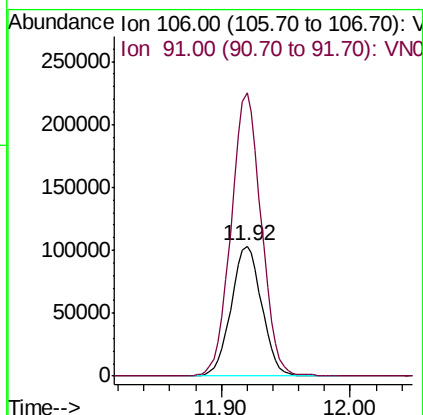
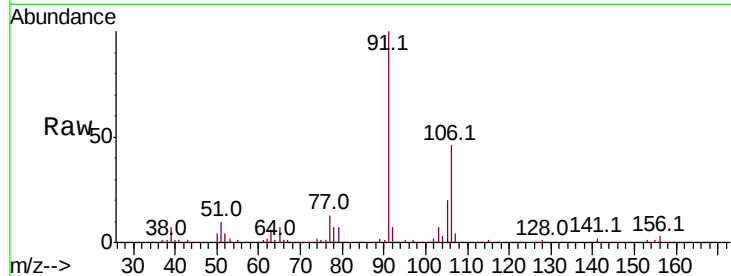




#69
o-Xylene
Concen: 39.925 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

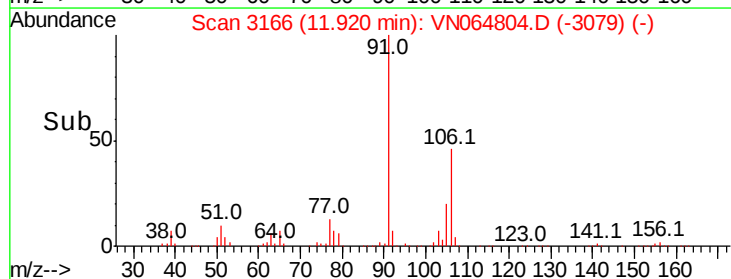
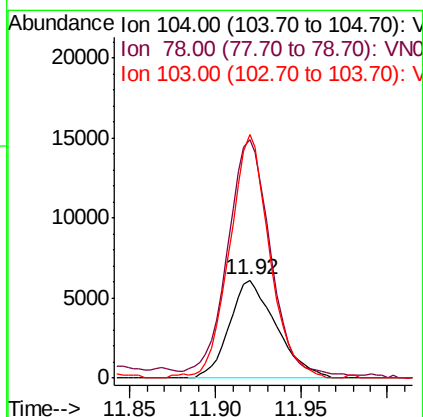
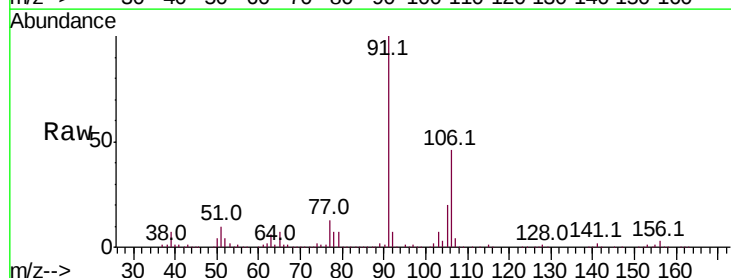
Instrument :
MSVOA_N
ClientSampled :
MW-3

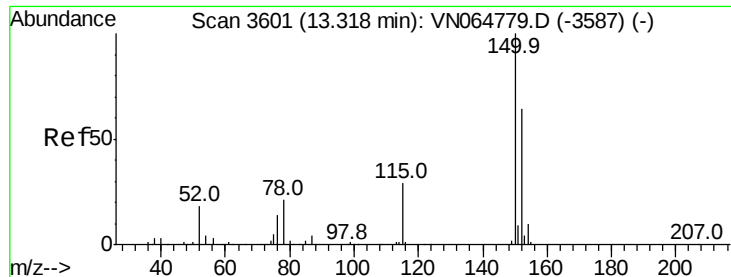
Tot Ion:106 Resp: 170529
Ion Ratio Lower Upper
106 100
91 212.2 105.5 316.5



#70
Styrene
Concen: 1.598 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.02 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

Tgt Ion:104 Resp: 11525
Ion Ratio Lower Upper
104 100
78 219.5 39.0 58.6#
103 214.7 44.3 66.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

MW-3

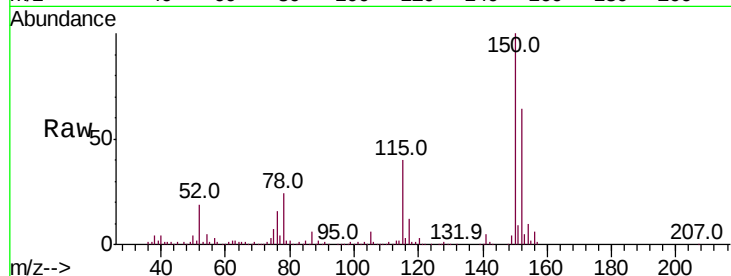
Tot Ion:152 Resp: 169663

Ion Ratio Lower Upper

152 100

115 59.8 29.7 89.1

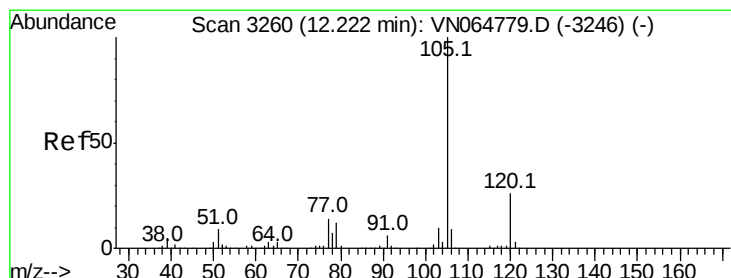
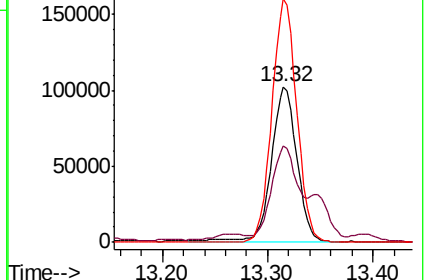
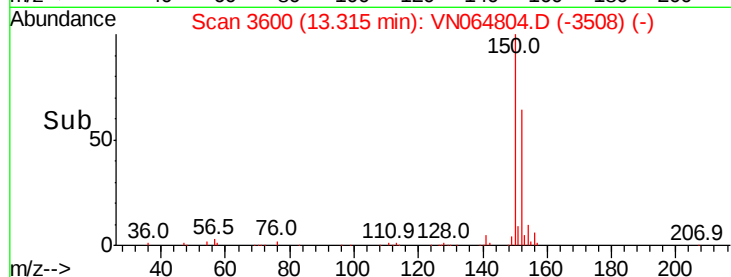
150 152.4 0.0 350.6



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



#73

Isopropylbenzene

Concen: 24.883 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064804.D

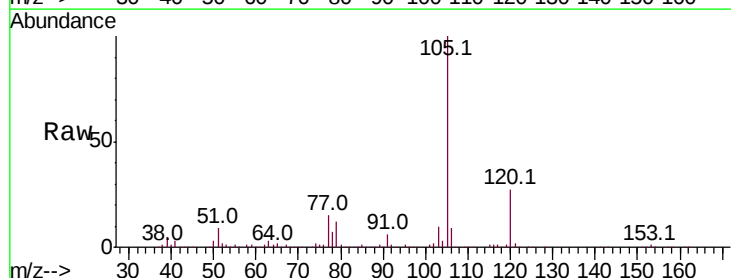
Acq: 24 Nov 2020 12:38

Tgt Ion:105 Resp: 293645

Ion Ratio Lower Upper

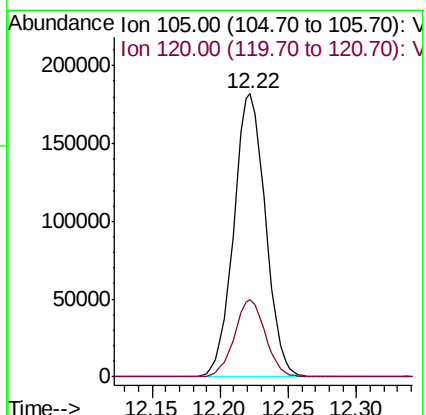
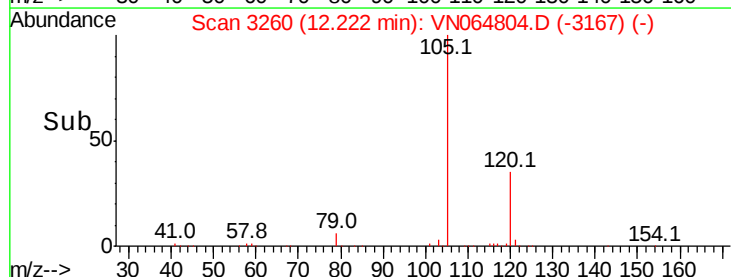
105 100

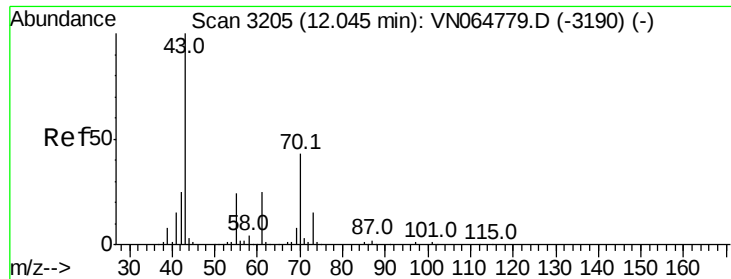
120 26.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.234 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

MW-3

Tot Ion: 43 Resp: 1085

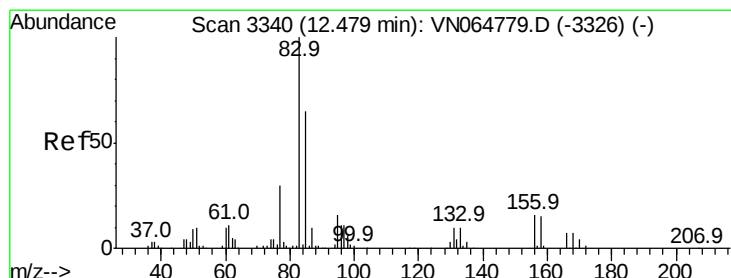
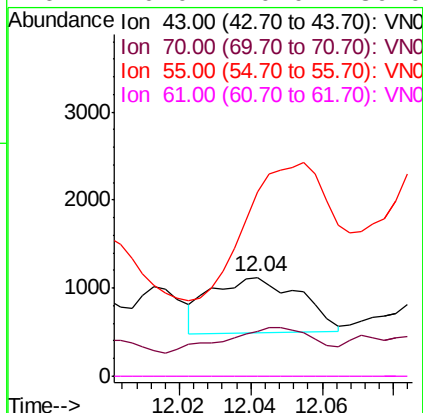
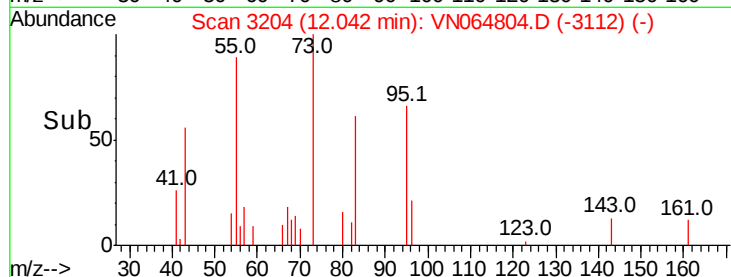
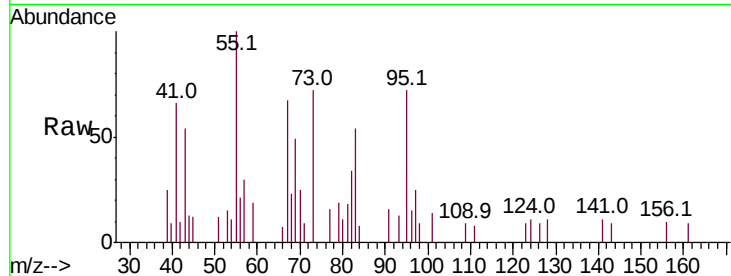
Ion Ratio Lower Upper

43 100

70 50.4 34.5 51.7

55 240.0 20.4 30.6#

61 0.0 20.0 30.0#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.548 ug/l

RT: 12.37 min Scan# 3306

Delta R.T. -0.11 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

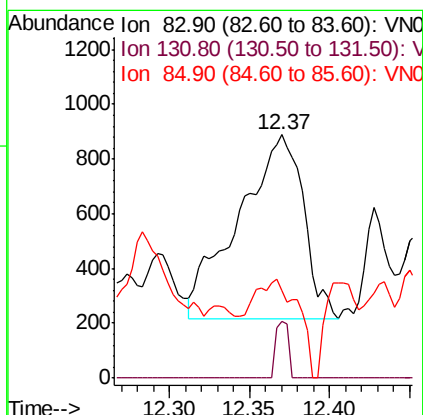
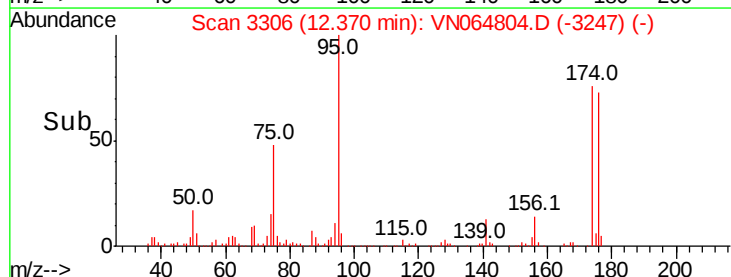
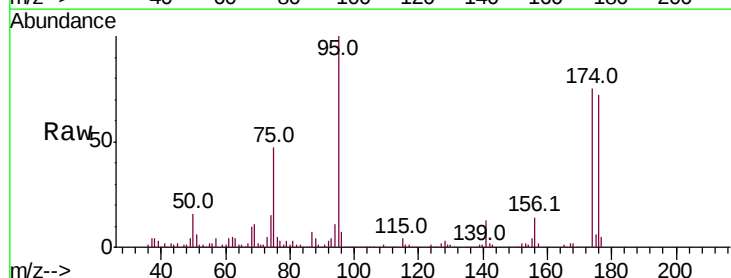
Tgt Ion: 83 Resp: 1897

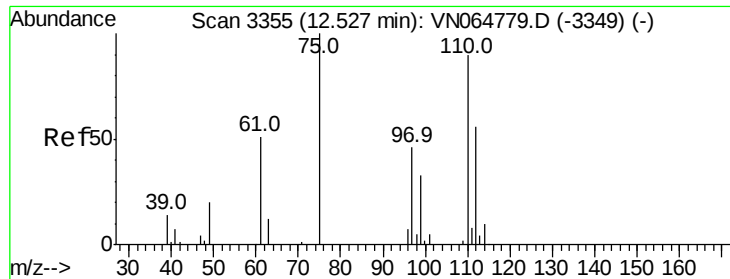
Ion Ratio Lower Upper

83 100

131 6.0 5.1 15.3

85 38.3 33.0 99.0

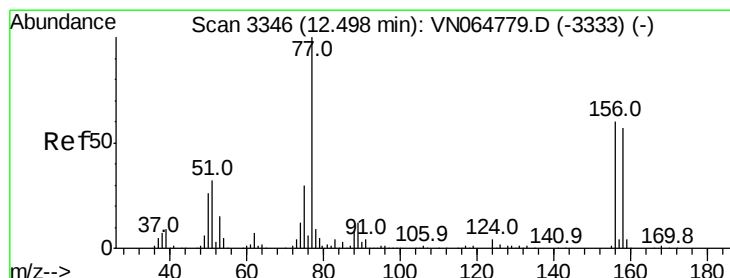
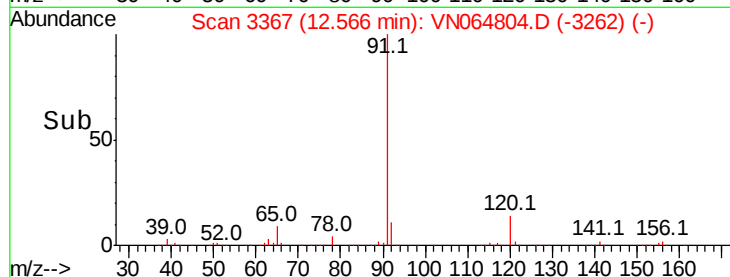
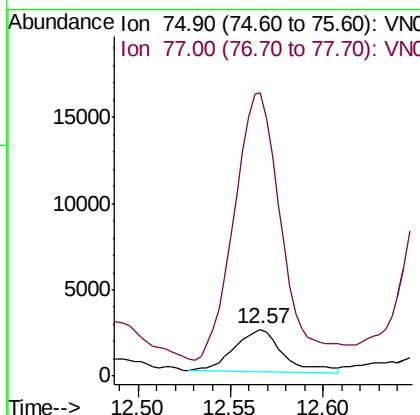
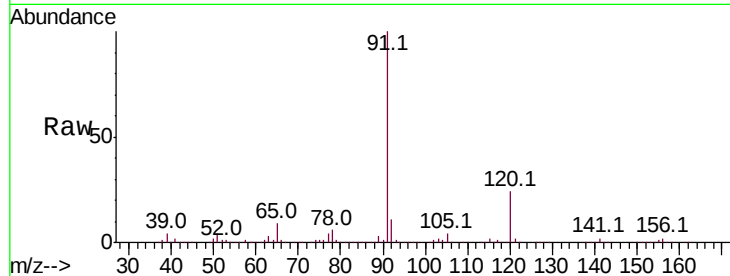




#76
 1,2,3-Trichloropropane
 Concen: 1.198 ug/l
 RT: 12.57 min Scan# 3367
 Delta R.T. 0.04 min
 Lab File: VN064804.D
 Acq: 24 Nov 2020 12:38

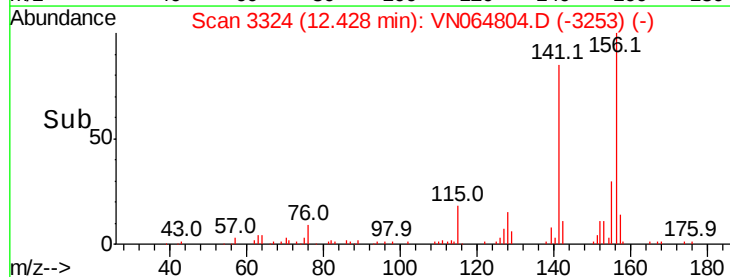
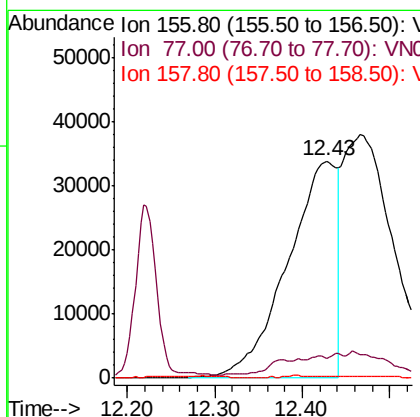
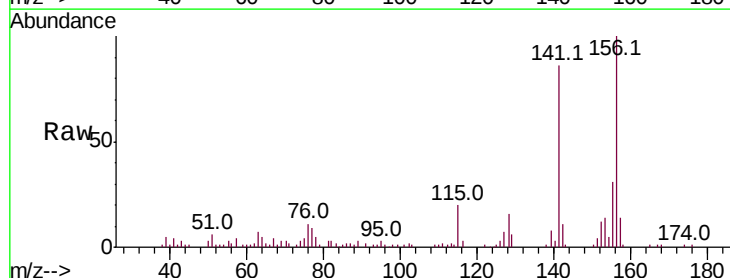
Instrument :
 MSVOA_N
 ClientSampled :
 MW-3

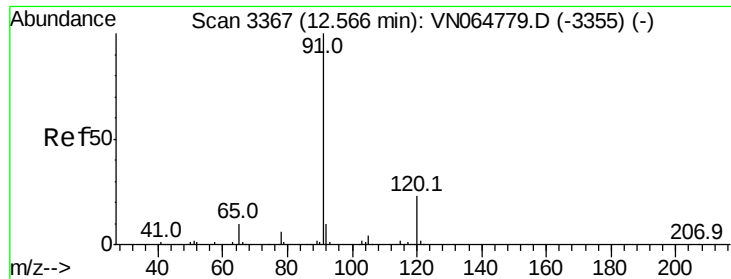
Tot Ion: 75 Resp: 4377
 Ion Ratio Lower Upper
 75 100
 77 638.2 0.0 0.0#



#77
 Bromobenzene
 Concen: 41.634 ug/l
 RT: 12.43 min Scan# 3324
 Delta R.T. -0.07 min
 Lab File: VN064804.D
 Acq: 24 Nov 2020 12:38

Tgt Ion: 156 Resp: 132462
 Ion Ratio Lower Upper
 156 100
 77 0.0 101.3 303.7#
 158 0.1 48.2 144.6#





#78

n-propylbenzene

Concen: 49.323 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

Instrument :

MSVOA_N

ClientSampled :

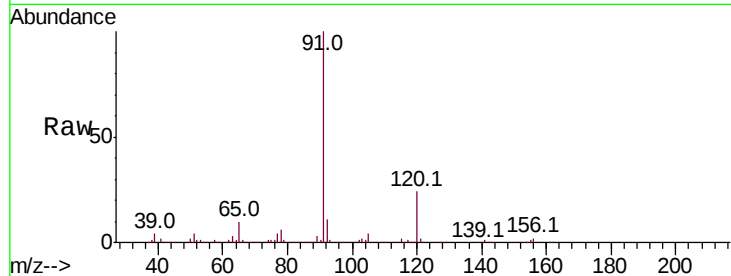
MW-3

Tot Ion: 91 Resp: 663102

Ion Ratio Lower Upper

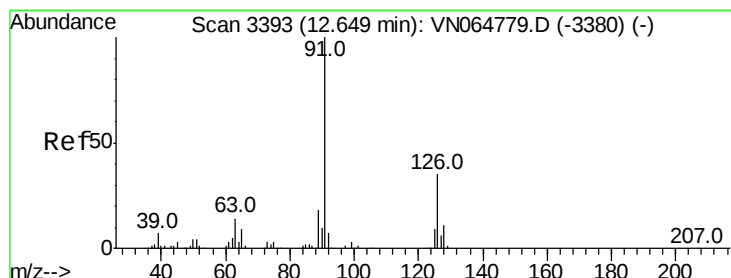
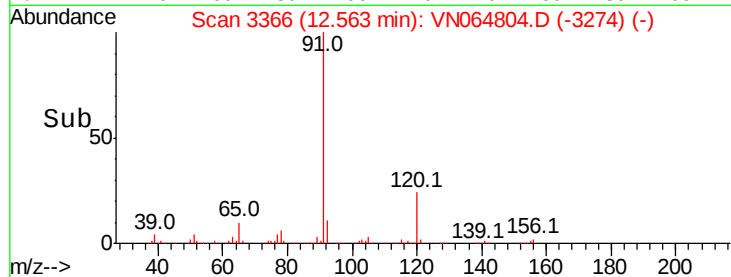
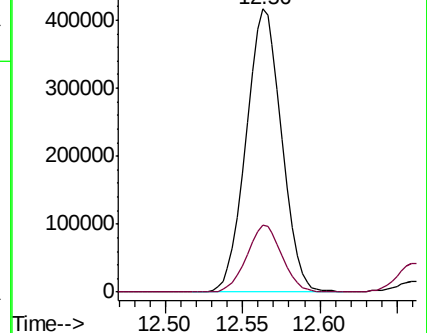
91 100

120 23.5 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 2.748 ug/l

RT: 12.66 min Scan# 3397

Delta R.T. 0.01 min

Lab File: VN064804.D

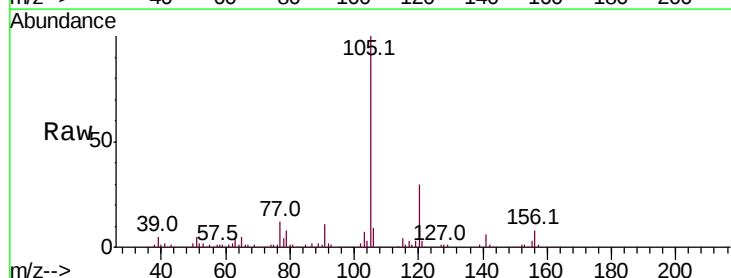
Acq: 24 Nov 2020 12:38

Tgt Ion: 91 Resp: 22837

Ion Ratio Lower Upper

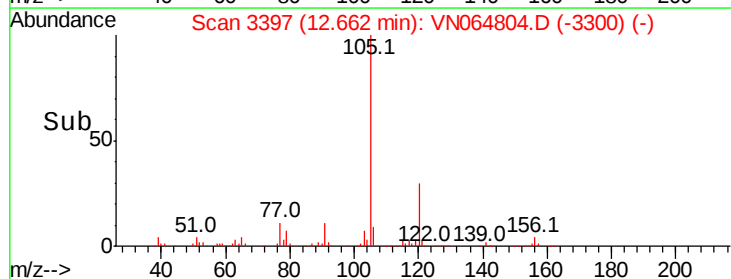
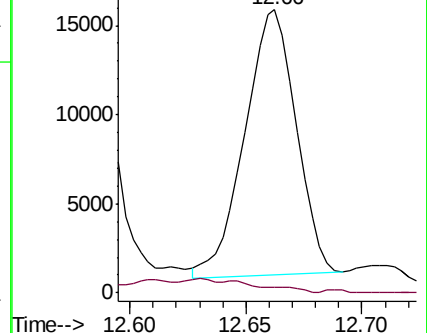
91 100

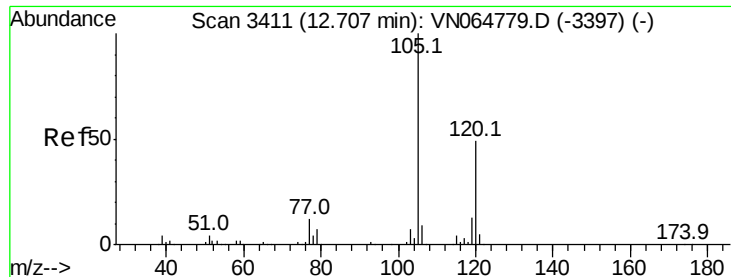
126 0.0 17.2 51.6#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 23.388 ug/l

RT: 12.66 min Scan# 3396

Delta R.T. -0.05 min

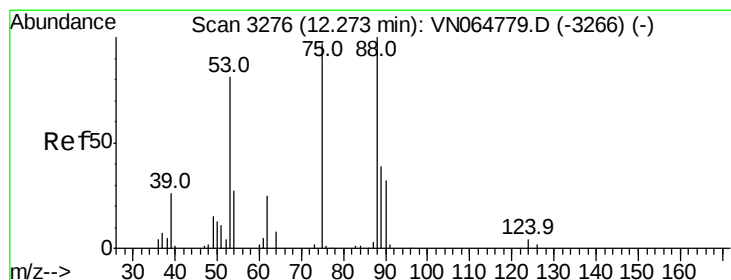
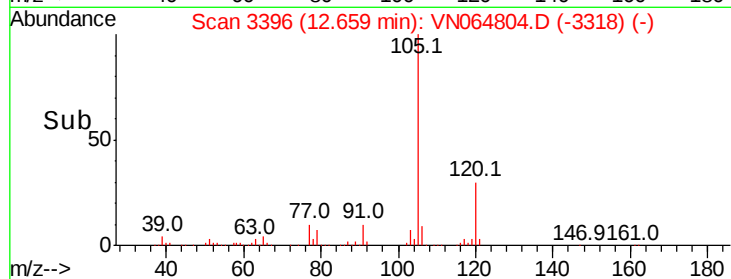
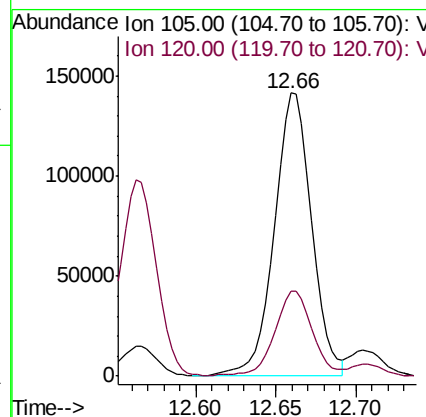
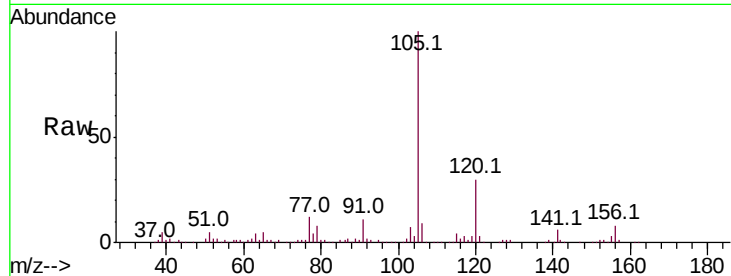
Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tot Ion:105 Resp: 229418

Ion	Ratio	Lower	Upper
105	100		
120	29.3	24.6	73.6



#81

trans-1,4-Dichloro-2-butene

Concen: 2.649 ug/l

RT: 12.22 min Scan# 3260

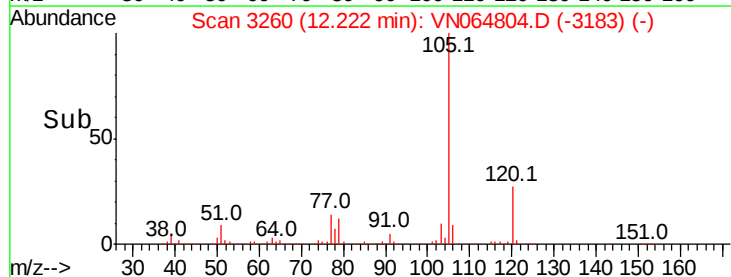
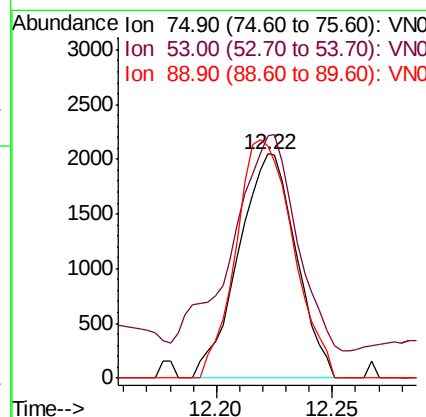
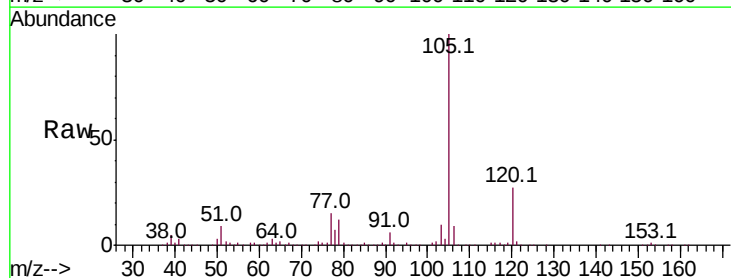
Delta R.T. -0.05 min

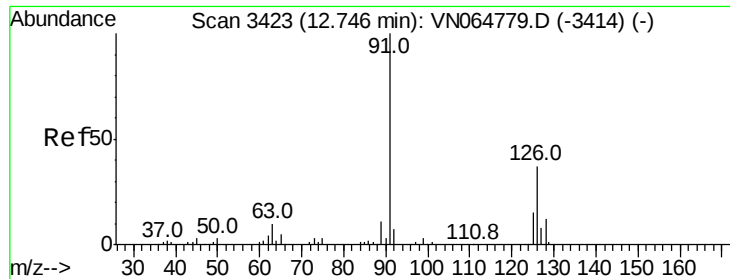
Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

Tgt Ion: 75 Resp: 3531

Ion	Ratio	Lower	Upper
75	100		
53	107.3	67.0	100.4#
89	106.2	39.6	59.4#

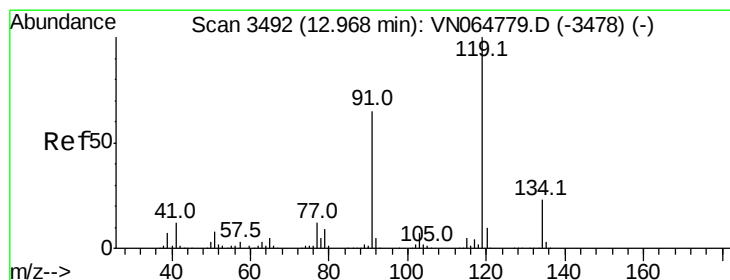
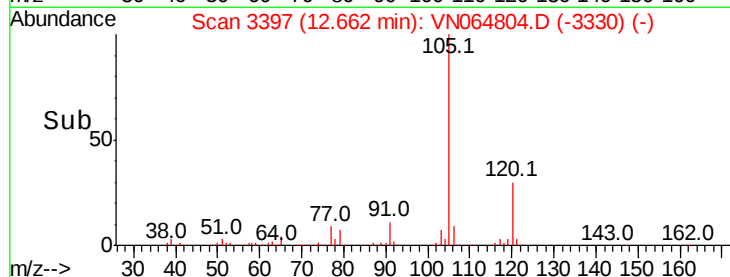
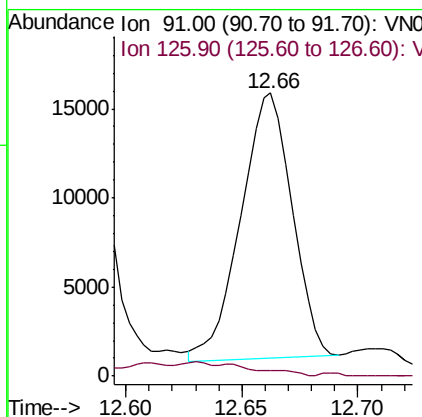
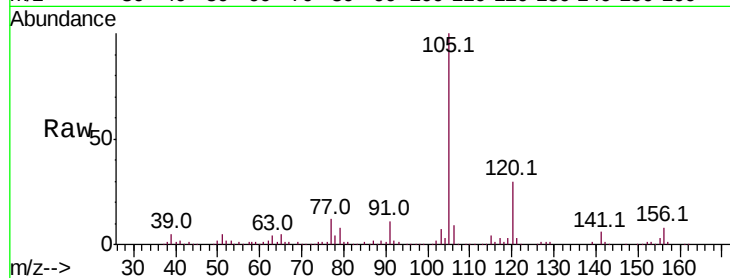




#82
4-Chlorotoluene
Concen: 2.622 ug/l
RT: 12.66 min Scan# 3397
Delta R.T. -0.08 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

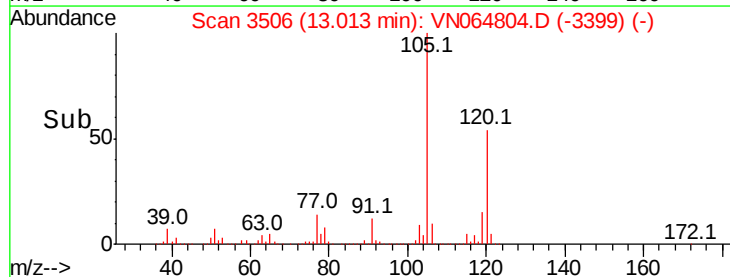
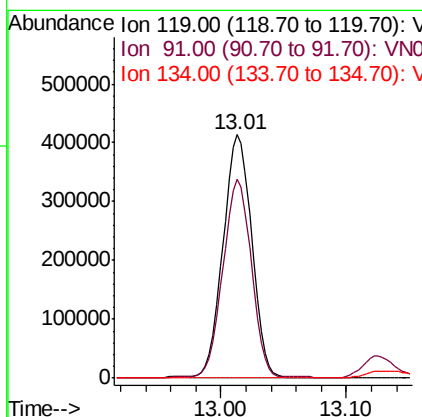
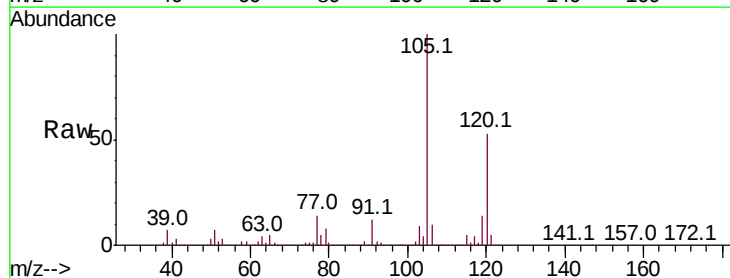
Instrument :
MSVOA_N
ClientSampled :
MW-3

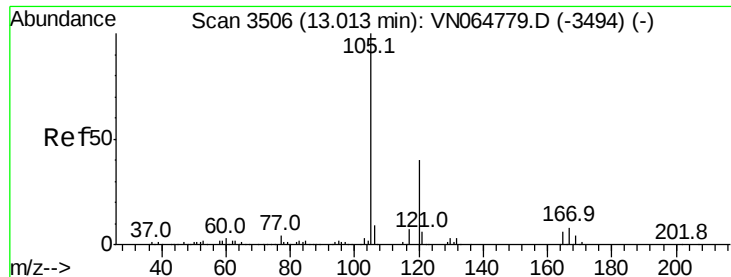
Tot Ion: 91 Resp: 22837
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.7#



#83
tert-Butylbenzene
Concen: 79.883 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.05 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

Tgt Ion: 119 Resp: 656799
Ion Ratio Lower Upper
119 100
91 81.2 32.3 96.8
134 0.0 12.6 37.6#

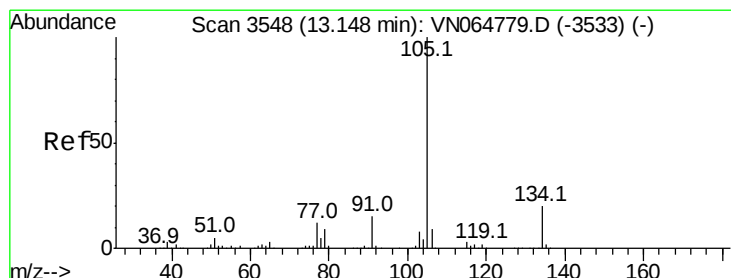
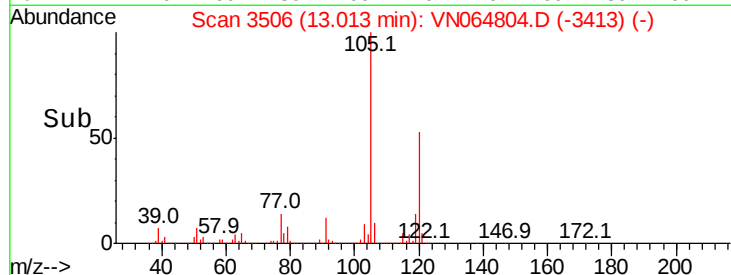
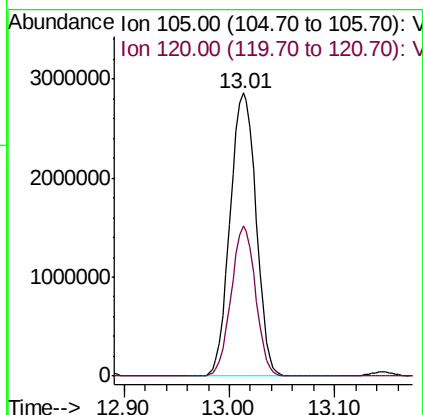
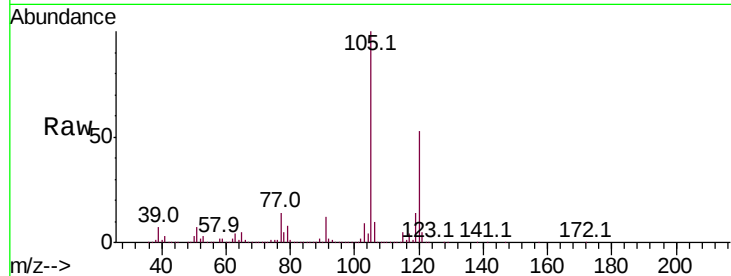




#84
 1,2,4-Trimethylbenzene
 Concen: 490.558 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064804.D
 Acq: 24 Nov 2020 12:38

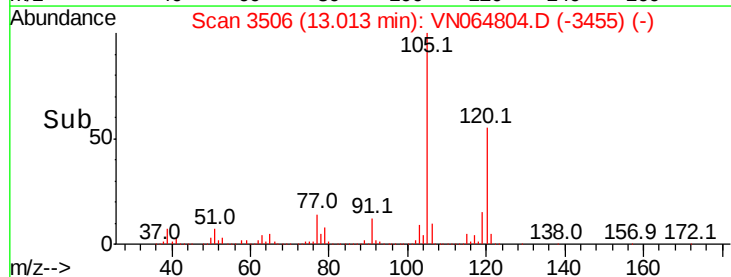
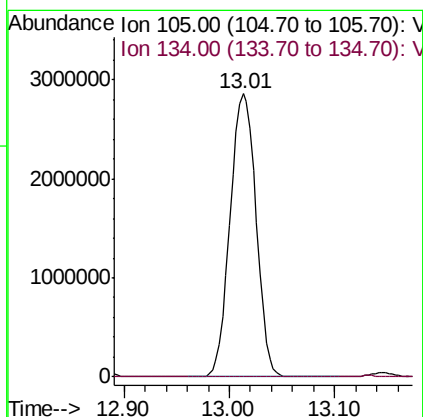
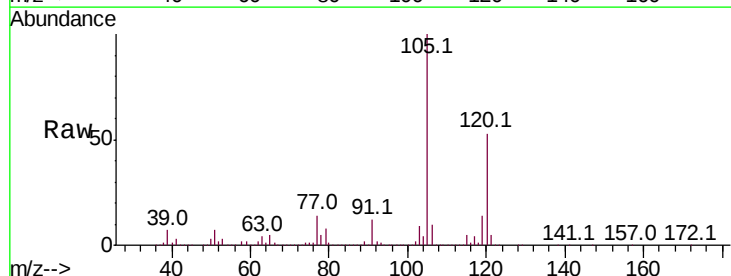
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

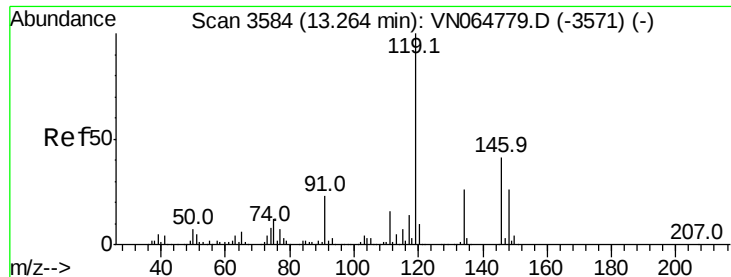
Tot Ion:105 Resp: 4865219
 Ion Ratio Lower Upper
 105 100
 120 49.6 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 445.674 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.13 min
 Lab File: VN064804.D
 Acq: 24 Nov 2020 12:38

Tgt Ion:105 Resp: 4865219
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.1#

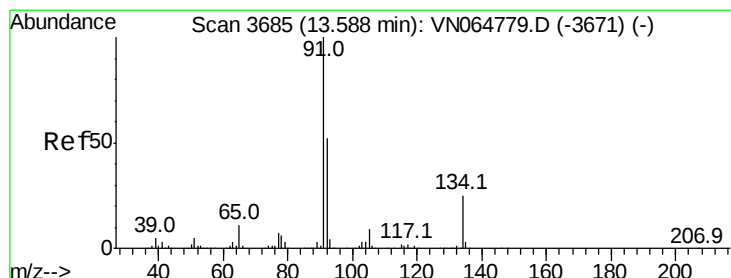
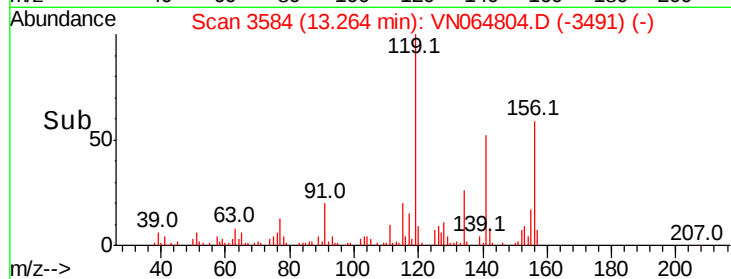
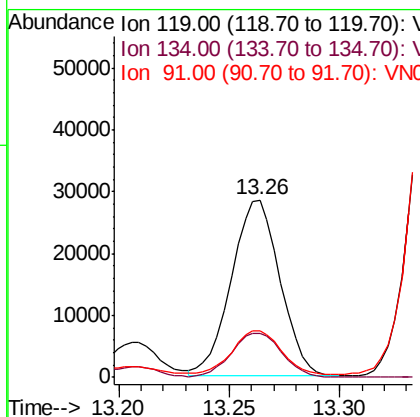
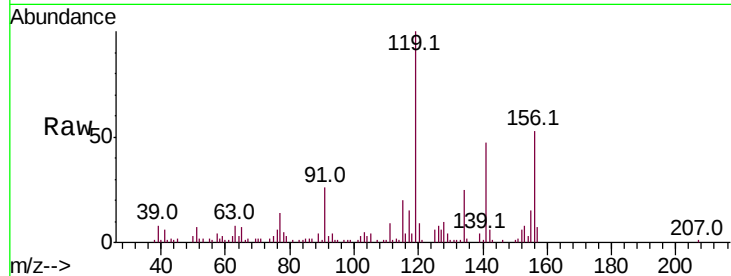




#86
 p-Isopropyltoluene
 Concen: 4.369 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064804.D
 Acq: 24 Nov 2020 12:38

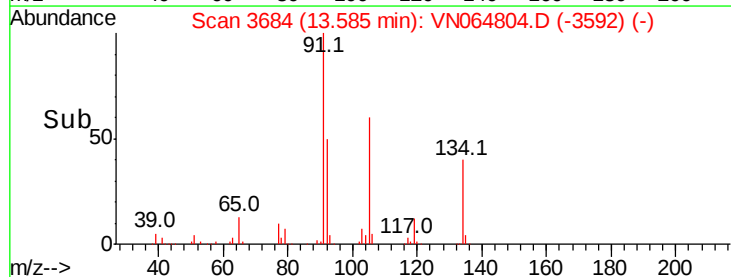
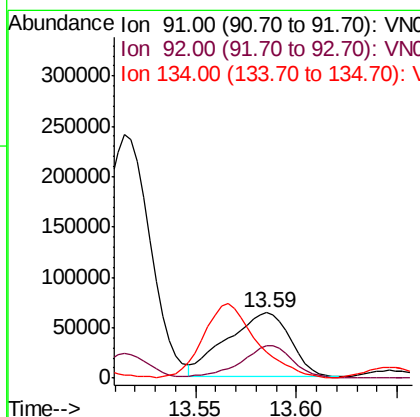
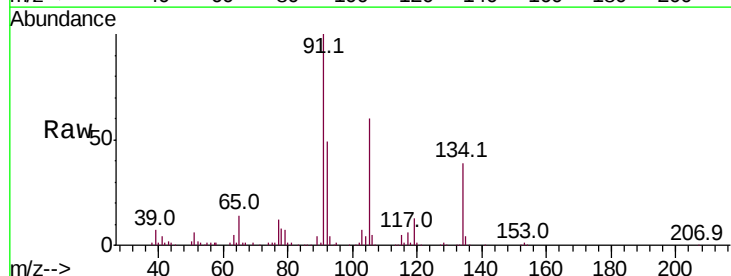
Instrument :
 MSVOA_N
 ClientSampled :
 MW-3

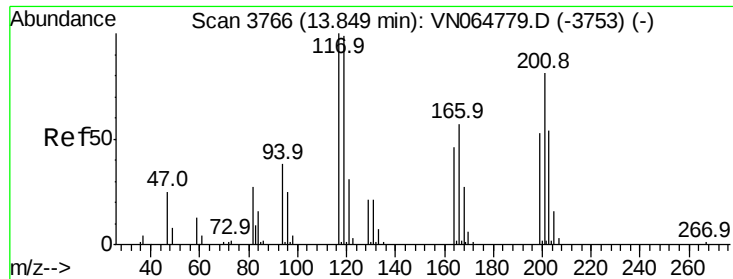
Tot Ion:119 Resp: 43424
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 0.0 11.5 34.5#



#89
 n-Butylbenzene
 Concen: 15.962 ug/l
 RT: 13.59 min Scan# 3684
 Delta R.T. -0.00 min
 Lab File: VN064804.D
 Acq: 24 Nov 2020 12:38

Tgt Ion: 91 Resp: 139316
 Ion Ratio Lower Upper
 91 100
 92 41.2 26.0 78.0
 134 0.0 12.9 38.6#





#90

Hexachloroethane

Concen: 31.266 ug/l

RT: 13.86 min Scan# 3770

Delta R.T. 0.01 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

Instrument :

MSVOA_N

ClientSampled :

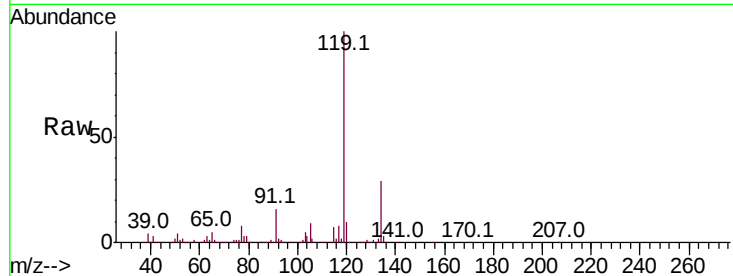
MW-3

Tot Ion:117 Resp: 53982

Ion Ratio Lower Upper

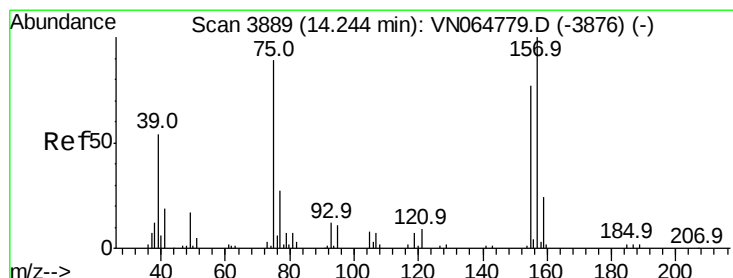
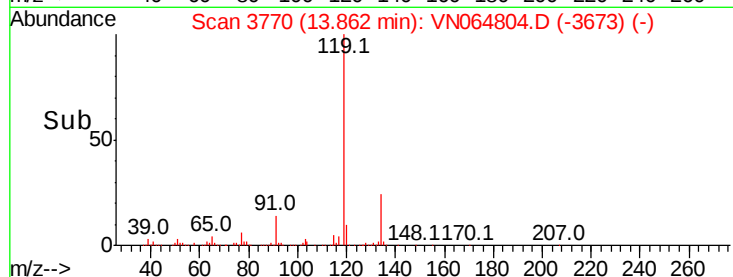
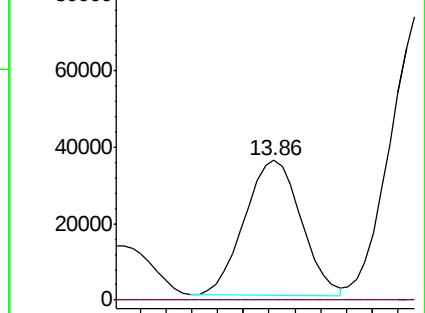
117 100

201 0.0 40.1 120.3#



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: 5.960 ug/l

RT: 14.22 min Scan# 3881

Delta R.T. -0.03 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

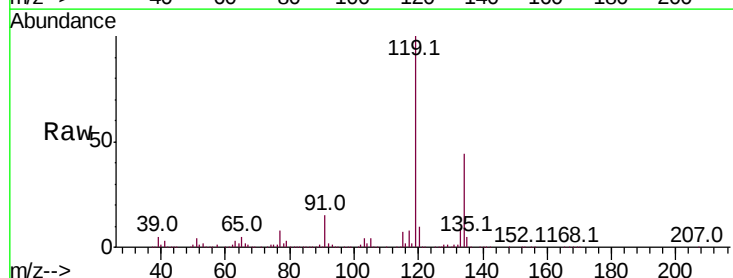
Tgt Ion: 75 Resp: 4639

Ion Ratio Lower Upper

75 100

155 0.0 42.8 128.3#

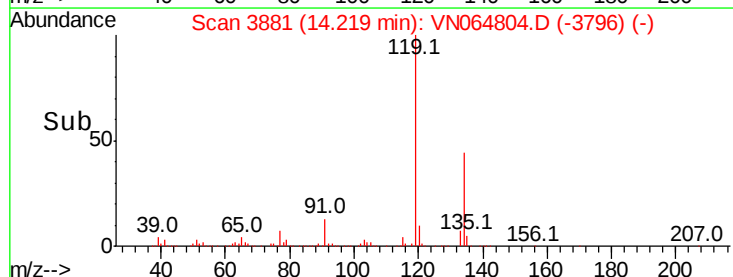
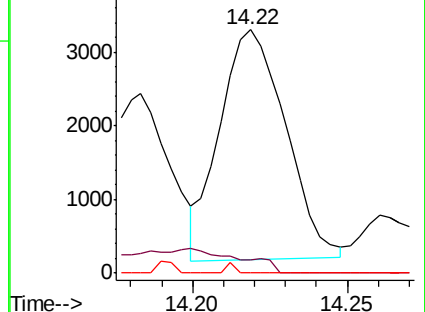
157 0.6 56.4 169.1#

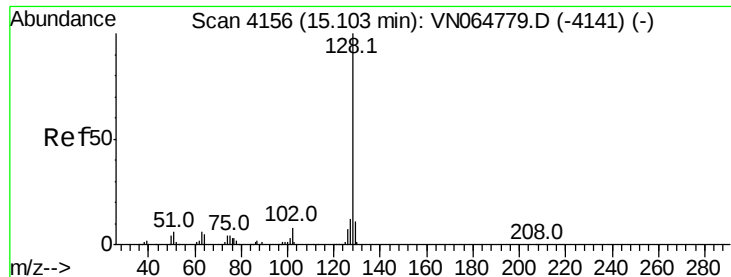


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 245.064 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

MW-3

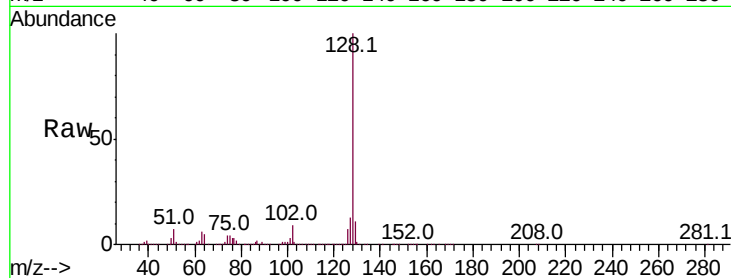
Tot Ion:128 Resp: 2520785

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

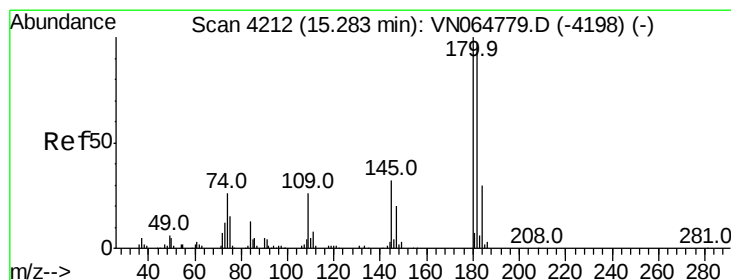
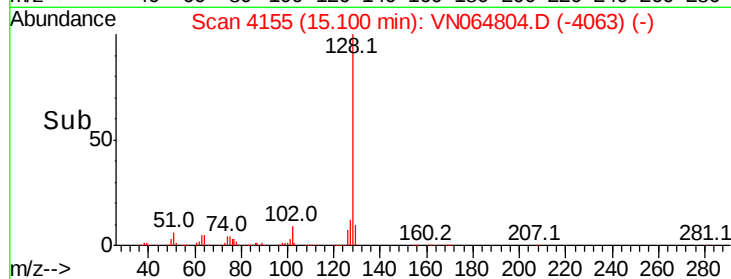
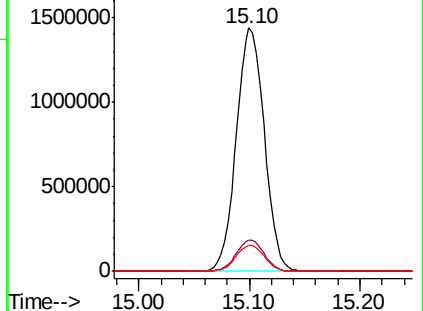
129 10.9 8.7 13.1



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: 1.433 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

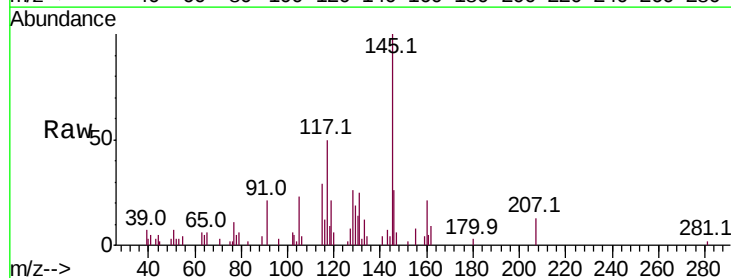
Tgt Ion:180 Resp: 139

Ion Ratio Lower Upper

180 100

182 21.6 48.1 144.4#

145 0.0 16.4 49.1#



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

