

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062442.D
 Acq On : 9 Jul 2020 6:23
 Operator : JC/MD
 Sample : L3215-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

Quant Time: Jul 09 07:15:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	211282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	375111	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	368138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	171946	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	159207	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
35) Dibromofluoromethane	7.55	113	117867	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
50) Toluene-d8	10.06	98	482906	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
62) 4-Bromofluorobenzene	12.38	95	195962	58.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.16%	

Target Compounds

						Qvalue
3) Chloromethane	2.04	50	1074	0.311	ug/l #	80
16) Acetone	3.79	43	3982	2.886	ug/l	94
17) Carbon Disulfide	4.01	76	6302	0.927	ug/l	98
25) 2-Butanone	6.77	43	3414	1.694	ug/l #	53
29) Tetrahydrofuran	7.35	42	2182	1.608	ug/l #	1
31) Cyclohexane	7.60	56	99832	20.224	ug/l #	50
36) 1,1-Dichloropropene	7.63	75	18755	4.963	ug/l #	52
37) Ethyl Acetate	6.77	43	3414	0.773	ug/l #	70
38) Carbon Tetrachloride	7.63	117	20875	6.144	ug/l #	15
39) Methylcyclohexane	9.05	83	104332	25.859	ug/l	97
40) Benzene	8.00	78	3226	0.290	ug/l	92
41) Methacrylonitrile	7.35	41	13949	7.555	ug/l #	50
43) Isopropyl Acetate	8.11	43	92641	13.271	ug/l #	57
45) 1,2-Dichloropropane	9.04	63	860	0.266	ug/l #	1
48) Methyl methacrylate	9.11	41	11534	3.368	ug/l #	49
51) 4-Methyl-2-Pentanone	10.06	43	2997	0.719	ug/l #	1
52) Toluene	10.13	92	4461	0.693	ug/l	100
55) 1,1,2-Trichloroethane	10.50	97	3039	1.201	ug/l #	23
56) Ethyl methacrylate	10.40	69	1503	2.024	ug/l #	1
67) Ethyl Benzene	11.48	91	270345	20.130	ug/l	100
68) m/p-Xylenes	11.60	106	16615	3.495	ug/l	92
69) o-Xylene	11.92	106	33203	7.173	ug/l	97
70) Styrene	11.94	104	24064	3.145	ug/l #	82
73) Isopropylbenzene	12.22	105	1214604	91.285	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	8663	2.053	ug/l #	100
77) Bromobenzene	12.45	156	168443	55.686	ug/l #	1
78) n-propylbenzene	12.57	91	1433051	92.203	ug/l	100
79) 2-Chlorotoluene	12.66	91	94453	10.013	ug/l #	44
80) 1,3,5-Trimethylbenzene	12.71	105	355257	32.570	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.22	75	14747	9.356	ug/l #	51
82) 4-Chlorotoluene	12.66	91	94453	9.863	ug/l #	44
83) tert-Butylbenzene	13.01	119	892896	96.462	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.01	105	5850286	539.598	ug/l	83
85) sec-Butylbenzene	13.01	105	5850286	476.957	ug/l #	58

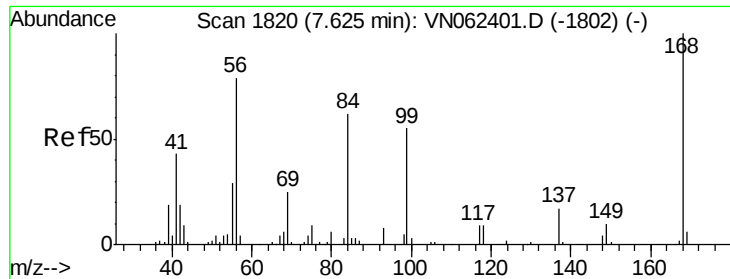
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
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Quant Title : SW846 8260
QLast Update : Thu Jul 09 02:12:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.21	119	196968	18.606	ug/l	98
89) n-Butylbenzene	13.56	91	30486	3.261	ug/l #	1
90) Hexachloroethane	13.86	117	153237	73.583	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.22	75	6986	8.557	ug/l #	8
95) Naphthalene	15.11	128	11963512	643.775	ug/l #	47

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062442.D

Acq: 9 Jul 2020 6:23

Instrument :

MSVOA_N

ClientSampleId :

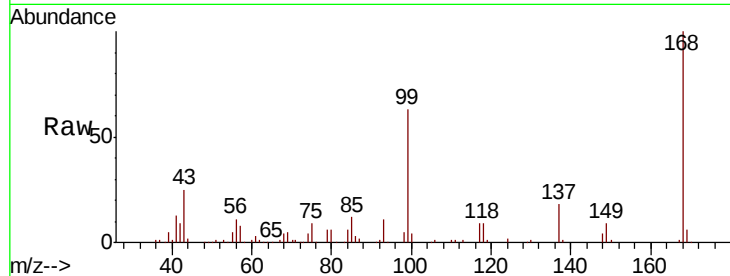
MW-14

Tot Ion:168 Resp: 211282

Ion Ratio Lower Upper

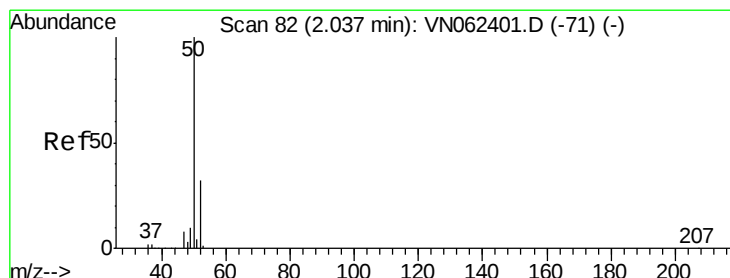
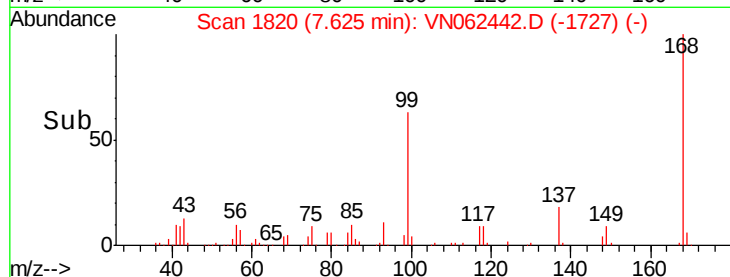
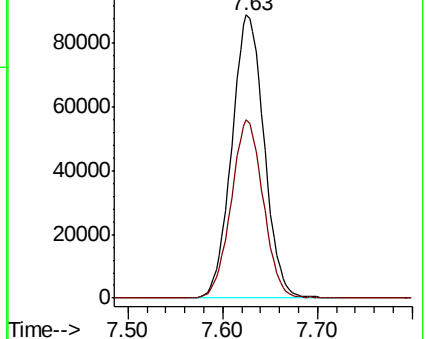
168 100

99 63.1 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): VN062401.D

Ion 98.90 (98.60 to 99.60): VN062401.D



#3

Chloromethane

Concen: 0.311 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062442.D

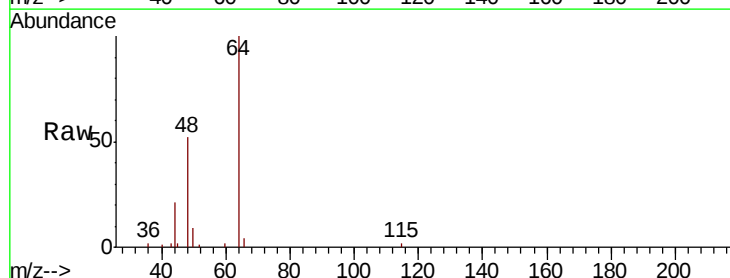
Acq: 9 Jul 2020 6:23

Tgt Ion: 50 Resp: 1074

Ion Ratio Lower Upper

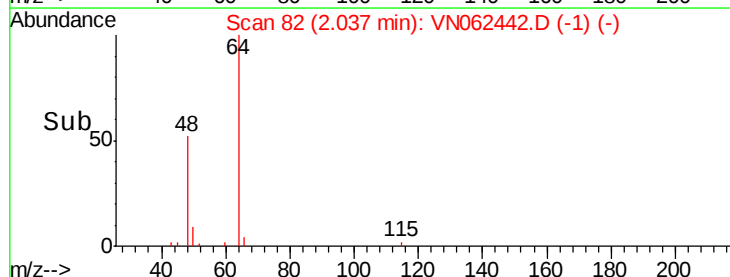
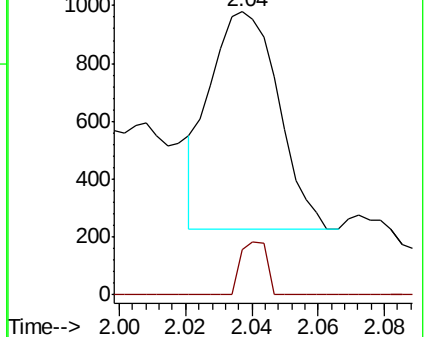
50 100

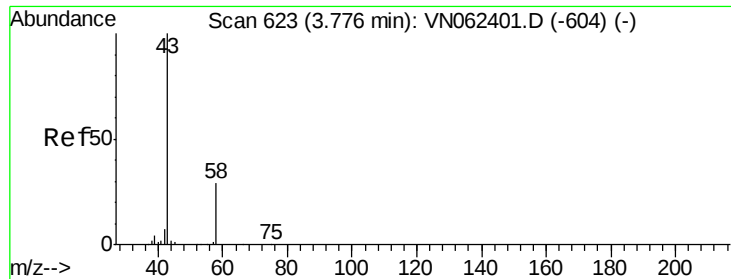
52 20.8 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VN062401.D

Ion 51.90 (51.60 to 52.60): VN062401.D

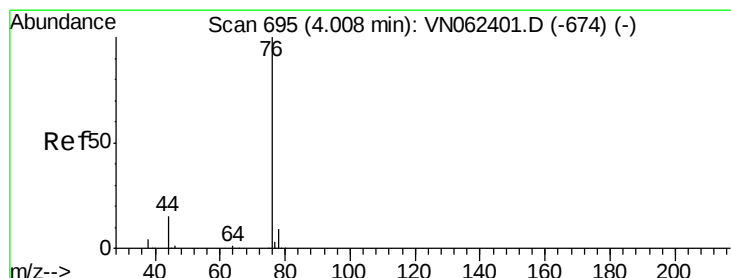
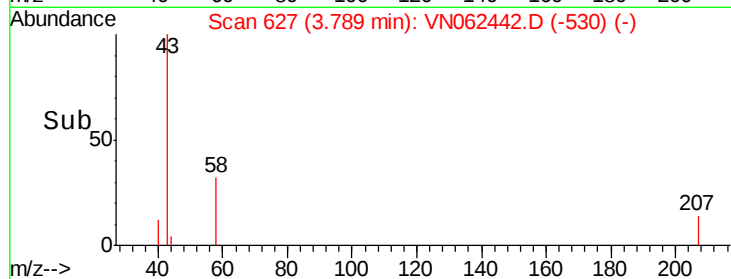
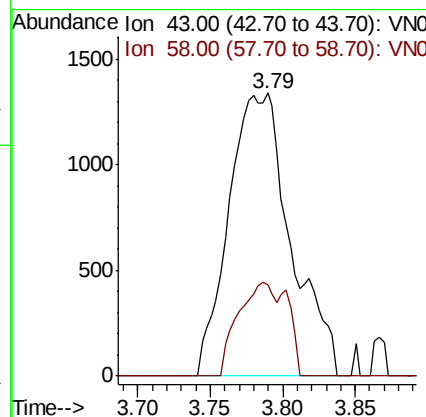
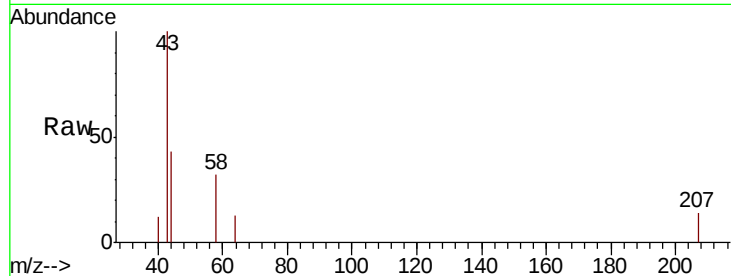




#16
Acetone
Concen: 2.886 ug/l
RT: 3.79 min Scan# 627
Delta R.T. 0.01 min
Lab File: VN062442.D
Acq: 9 Jul 2020 6:23

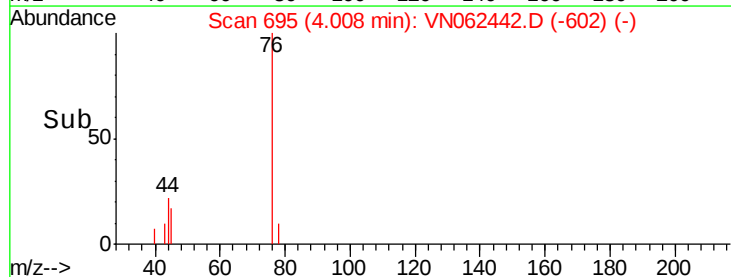
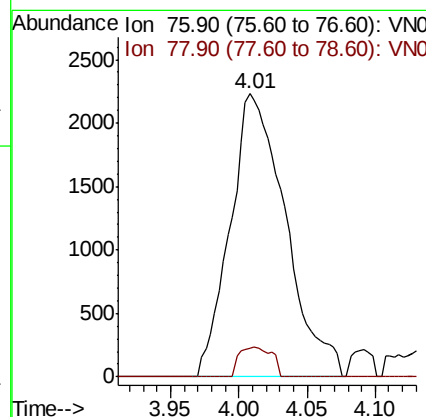
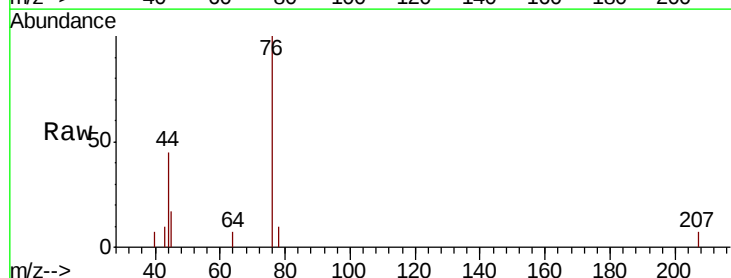
Instrument :
MSVOA_N
ClientSampled :
MW-14

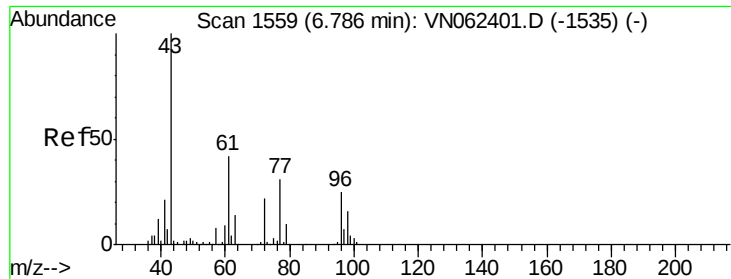
Tot Ion: 43 Resp: 3982
Ion Ratio Lower Upper
43 100
58 32.4 23.5 35.3



#17
Carbon Disulfide
Concen: 0.927 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062442.D
Acq: 9 Jul 2020 6:23

Tgt Ion: 76 Resp: 6302
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9





#25

2-Butanone

Concen: 1.694 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.01 min

Lab File: VN062442.D

Acq: 9 Jul 2020 6:23

Instrument :

MSVOA_N

ClientSampled :

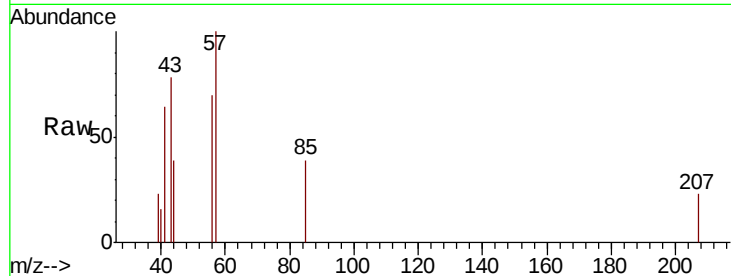
MW-14

Tot Ion: 43 Resp: 3414

Ion Ratio Lower Upper

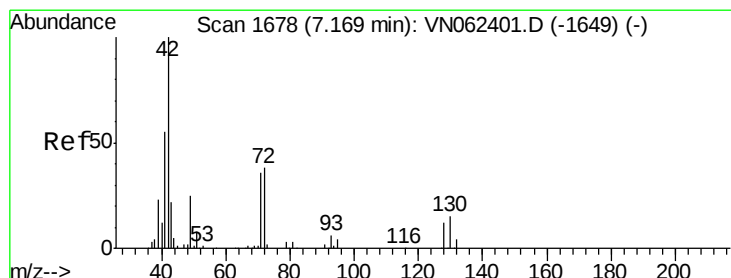
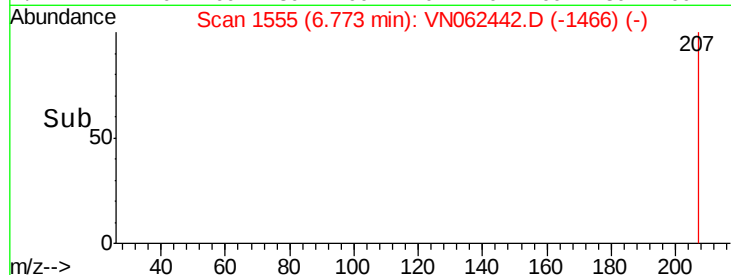
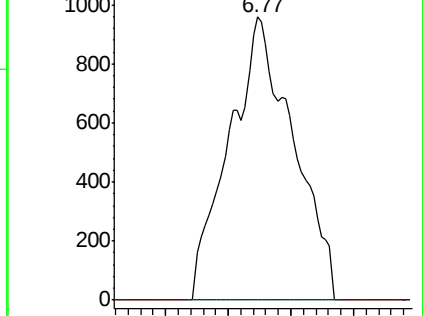
43 100

72 0.0 17.9 26.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#29

Tetrahydrofuran

Concen: 1.608 ug/l

RT: 7.35 min Scan# 1733

Delta R.T. 0.18 min

Lab File: VN062442.D

Acq: 9 Jul 2020 6:23

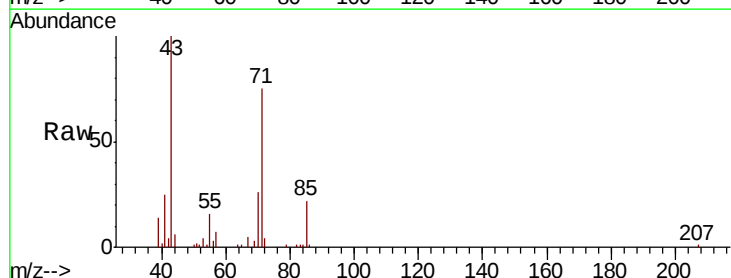
Tgt Ion: 42 Resp: 2182

Ion Ratio Lower Upper

42 100

72 70.9 29.1 43.7#

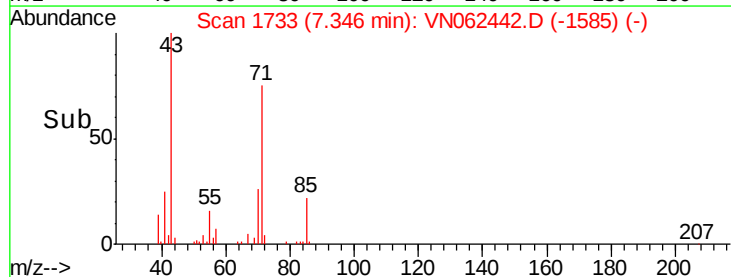
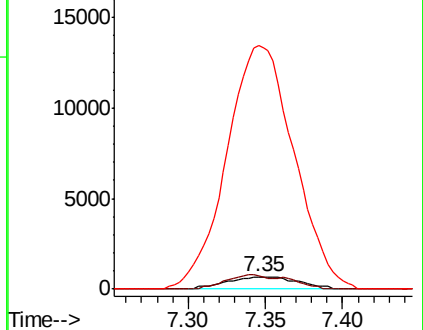
71 1868.2 28.1 42.1#

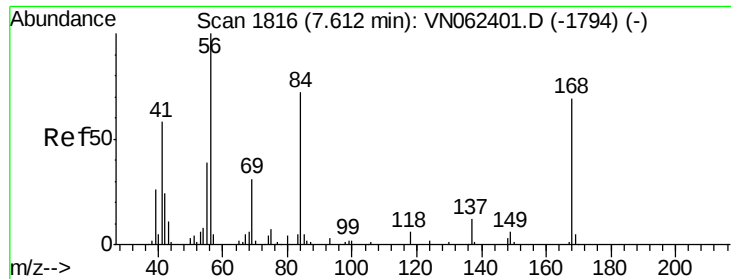


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

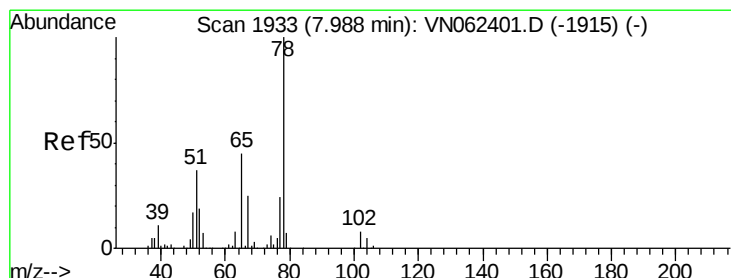
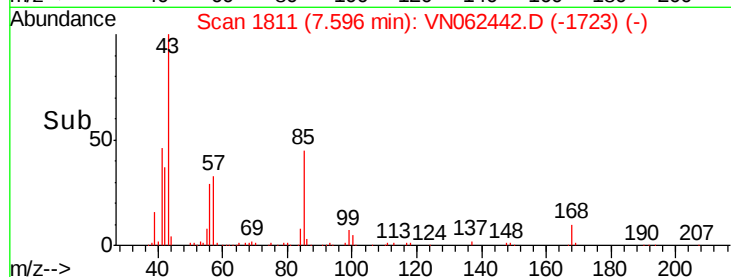
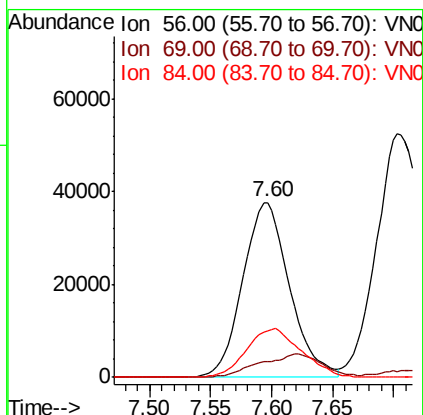
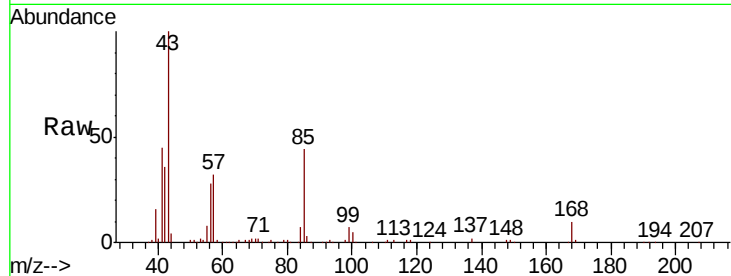




#31
Cyclohexane
Concen: 20.224 ug/l
RT: 7.60 min Scan# 1811
Delta R.T. -0.02 min
Lab File: VN062442.D
Acq: 9 Jul 2020 6:23

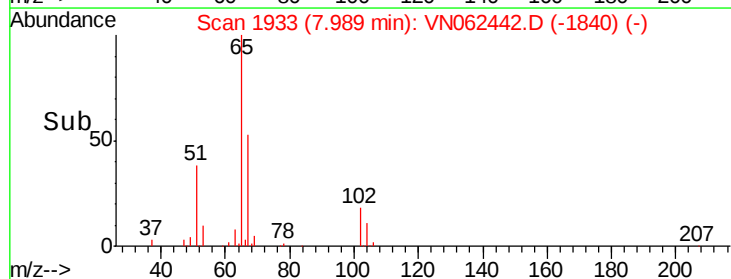
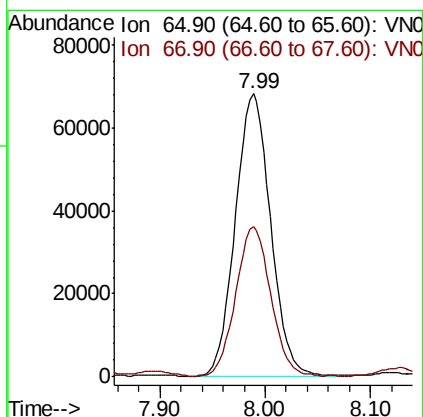
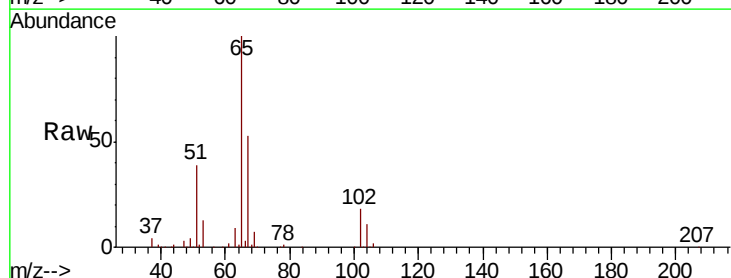
Instrument :
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MW-14

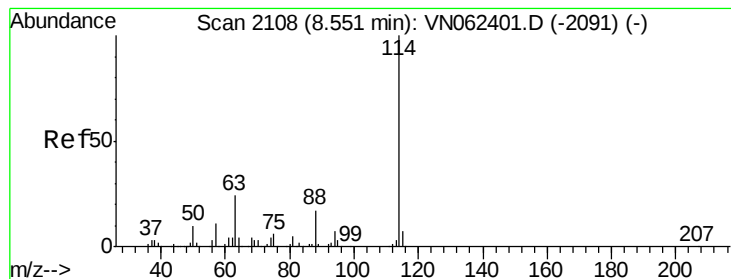
Tot Ion: 56 Resp: 99832
Ion Ratio Lower Upper
56 100
69 8.9 24.5 36.7#
84 26.9 57.4 86.2#



#33
1,2-Dichloroethane-d4
Concen: 48.990 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062442.D
Acq: 9 Jul 2020 6:23

Tgt Ion: 65 Resp: 159207
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062442.D

Acq: 9 Jul 2020 6:23

Instrument :

MSVOA_N

ClientSampleId :

MW-14

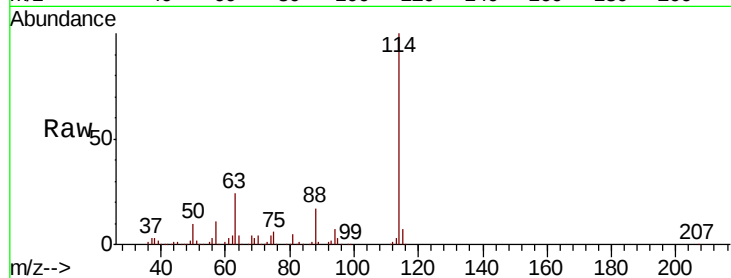
Tot Ion:114 Resp: 375111

Ion Ratio Lower Upper

114 100

63 24.1 0.0 48.4

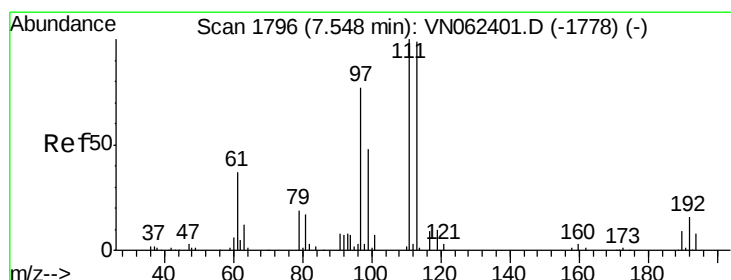
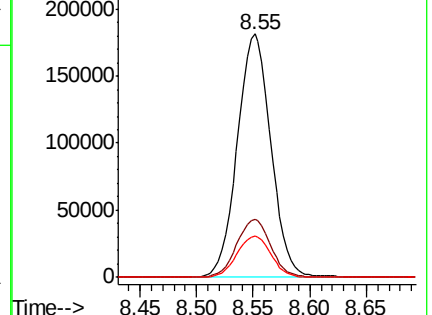
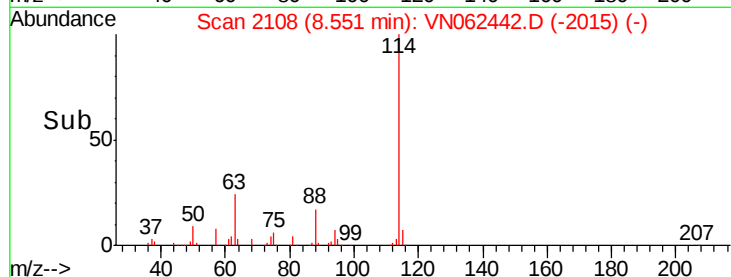
88 17.0 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.833 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062442.D

Acq: 9 Jul 2020 6:23

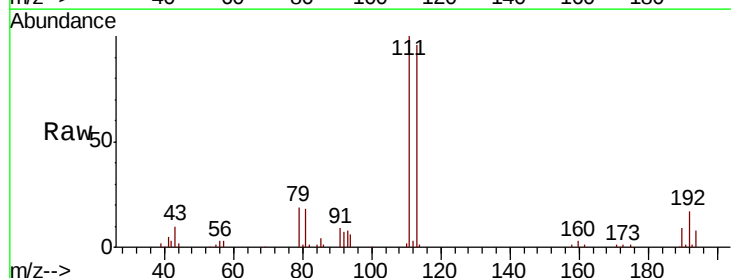
Tgt Ion:113 Resp: 117867

Ion Ratio Lower Upper

113 100

111 103.6 83.1 124.7

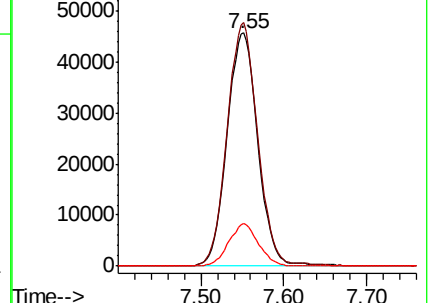
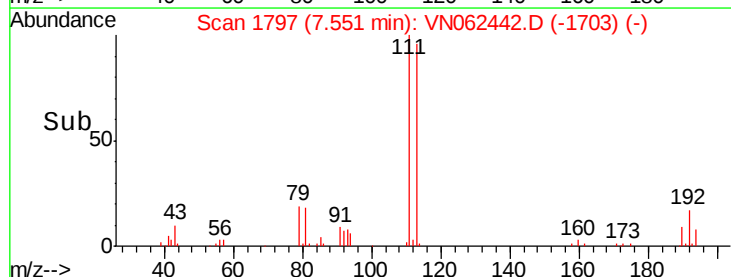
192 17.5 14.1 21.1

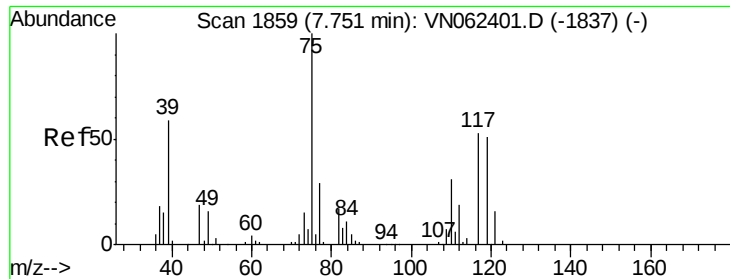


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

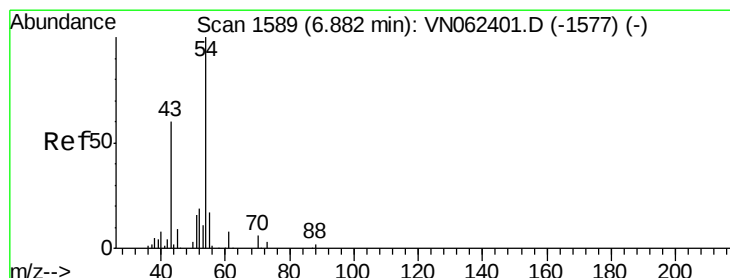
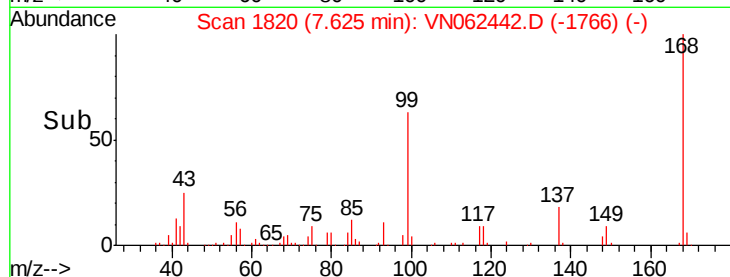
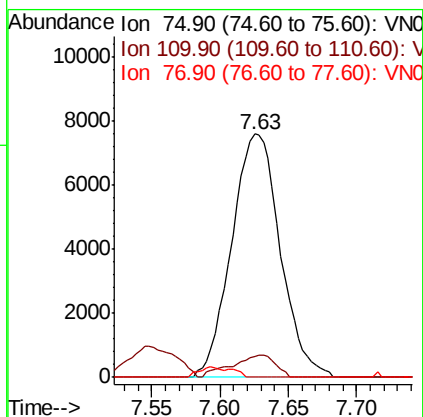
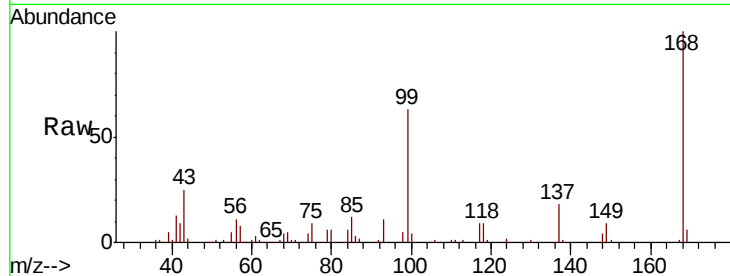




#36
 1,1-Dichloropropene
 Concen: 4.963 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062442.D
 Acq: 9 Jul 2020 6:23

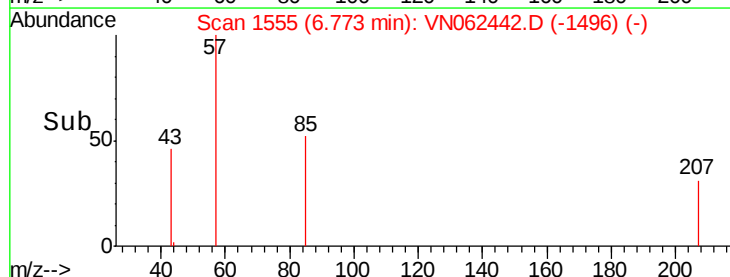
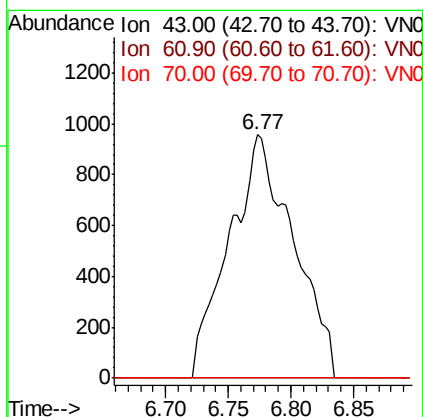
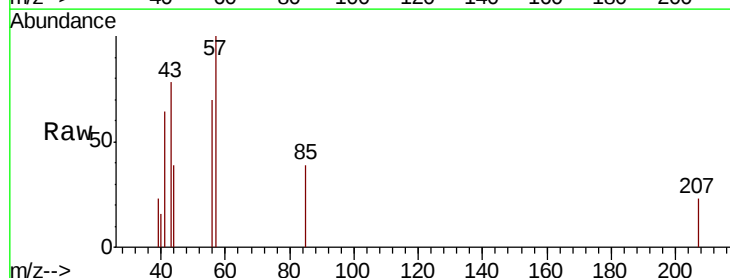
Instrument :
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 ClientSampled :
 MW-14

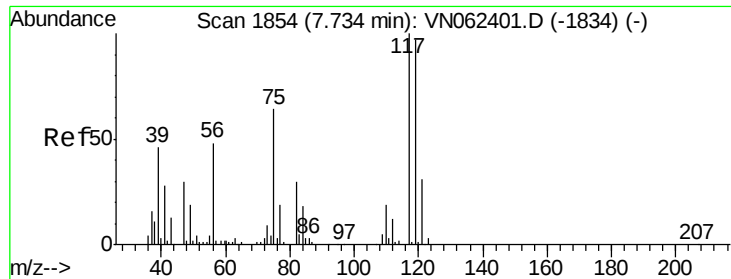
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.2	15.4	46.2#
77	0.0	24.1	36.1#



#37
 Ethyl Acetate
 Concen: 0.773 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.11 min
 Lab File: VN062442.D
 Acq: 9 Jul 2020 6:23

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.7	16.1#
70	0.0	7.2	10.8#

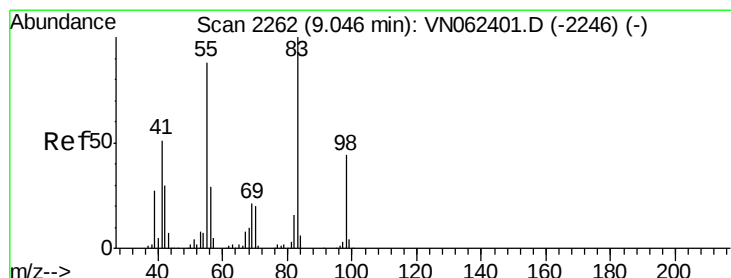
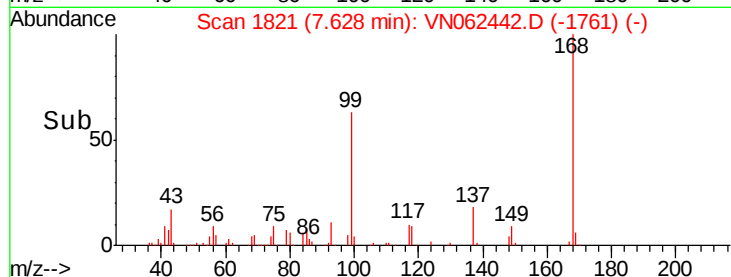
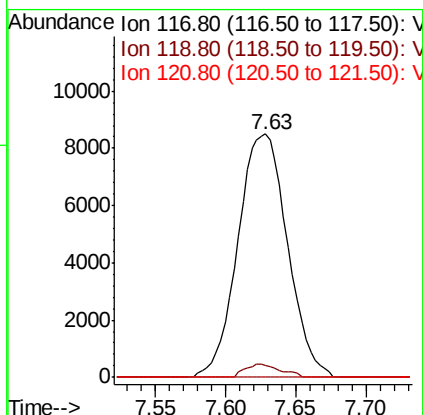
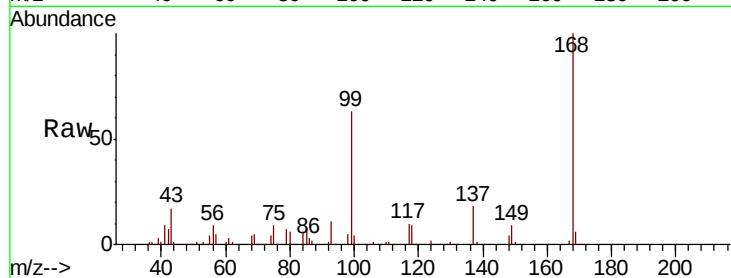




#38
Carbon Tetrachloride
Concen: 6.144 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.11 min
Lab File: VN062442.D
Acq: 9 Jul 2020 6:23

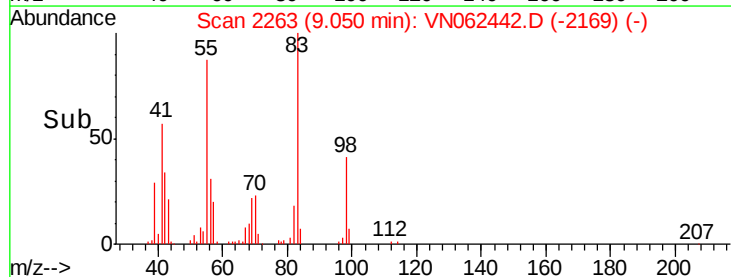
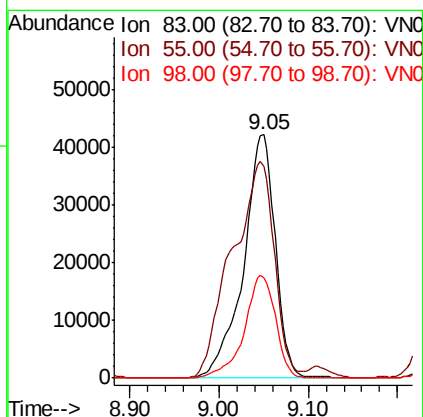
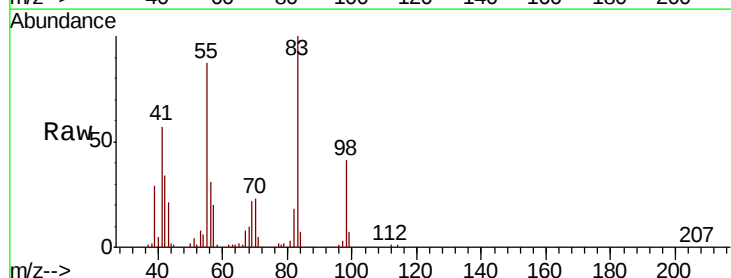
Instrument :
MSVOA_N
ClientSampled :
MW-14

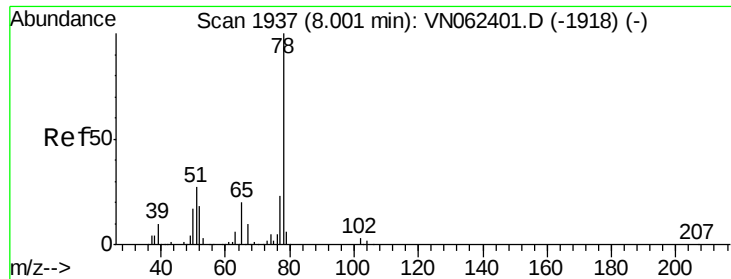
Tot Ion:117 Resp: 20875
Ion Ratio Lower Upper
117 100
119 4.8 77.2 115.8#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 25.859 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN062442.D
Acq: 9 Jul 2020 6:23

Tgt Ion: 83 Resp: 104332
Ion Ratio Lower Upper
83 100
55 86.7 70.5 105.7
98 41.1 35.5 53.3





#40

Benzene

Concen: 0.290 ug/l

RT: 8.00 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VN062442.D

Acq: 9 Jul 2020 6:23

Instrument :

MSVOA_N

ClientSampleId :

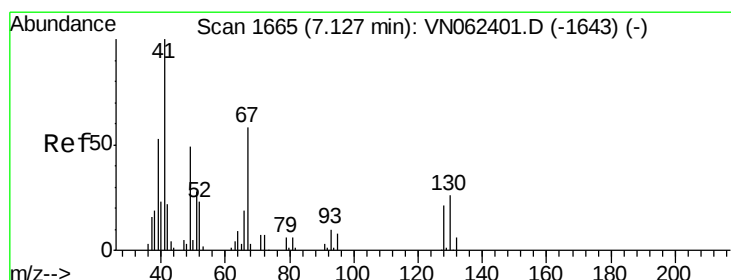
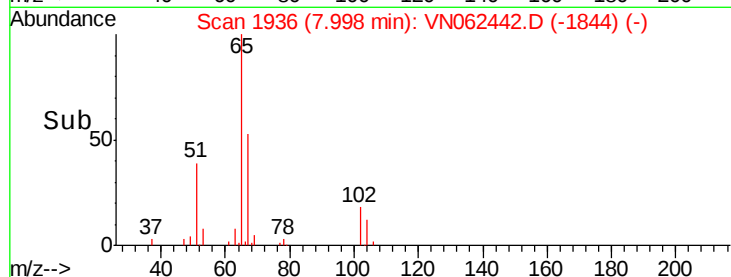
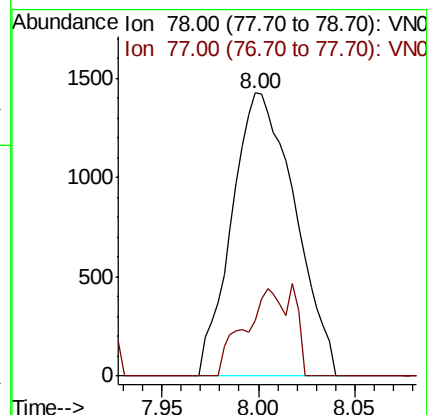
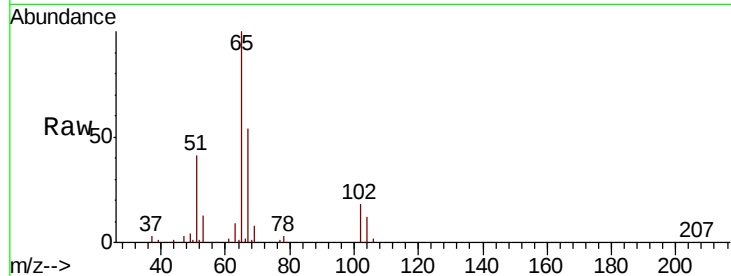
MW-14

Tot Ion: 78 Resp: 3226

Ion Ratio Lower Upper

78 100

77 19.7 18.7 28.1



#41

Methacrylonitrile

Concen: 7.555 ug/l

RT: 7.35 min Scan# 1733

Delta R.T. 0.22 min

Lab File: VN062442.D

Acq: 9 Jul 2020 6:23

Tgt Ion: 41 Resp: 13949

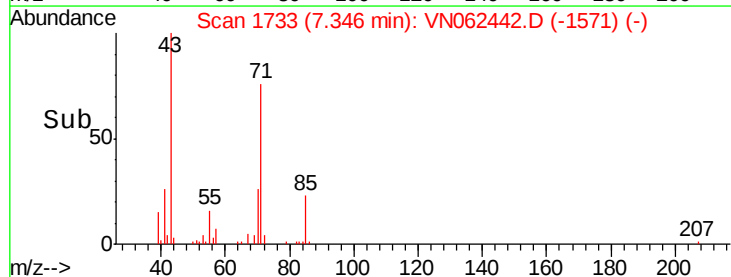
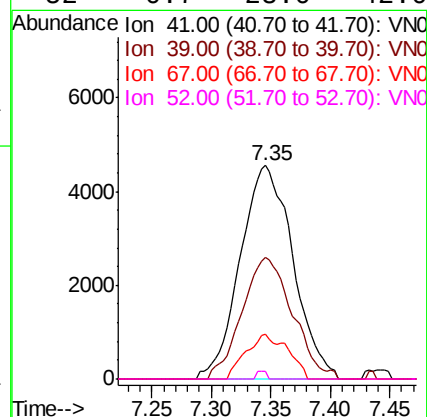
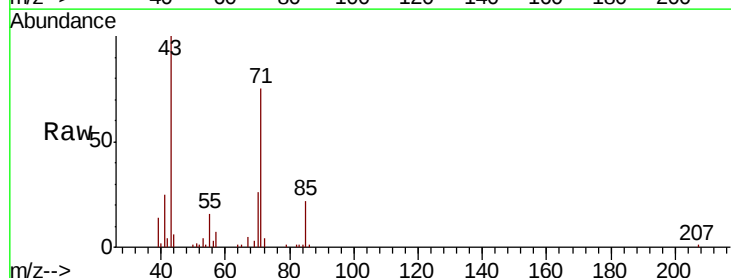
Ion Ratio Lower Upper

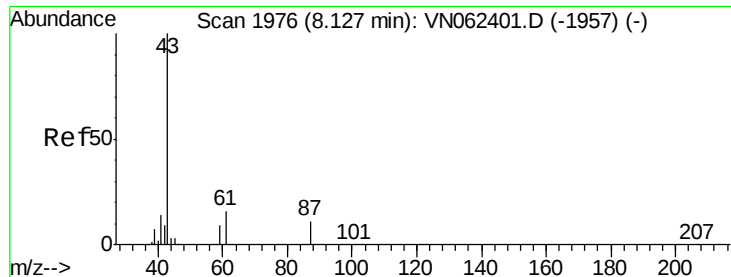
41 100

39 54.5 50.2 75.2

67 11.6 64.2 96.2#

52 0.7 28.0 42.0#





#43

Isopropyl Acetate

Concen: 13.271 ug/l

RT: 8.11 min Scan# 1971

Delta R.T. -0.02 min

Lab File: VN062442.D

Acq: 9 Jul 2020 6:23

Instrument :

MSVOA_N

ClientSampled :

MW-14

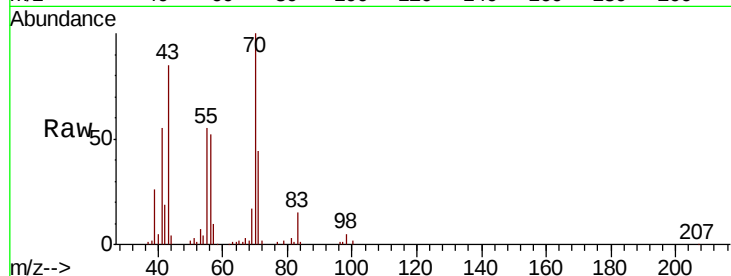
Tot Ion: 43 Resp: 92641

Ion Ratio Lower Upper

43 100

61 0.0 19.3 28.9#

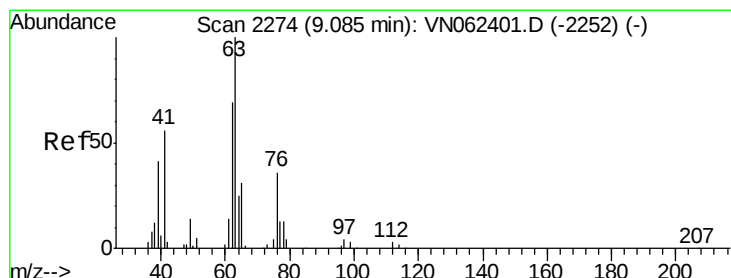
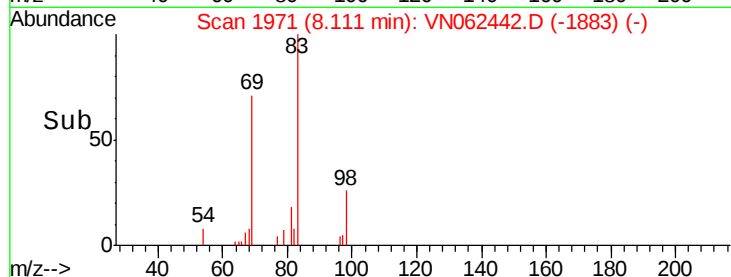
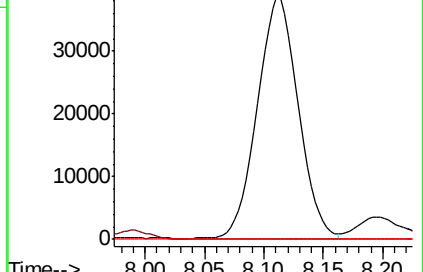
87 0.0 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062401.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062401.D (-1957) (-)



#45

1,2-Dichloropropane

Concen: 0.266 ug/l

RT: 9.04 min Scan# 2261

Delta R.T. -0.04 min

Lab File: VN062442.D

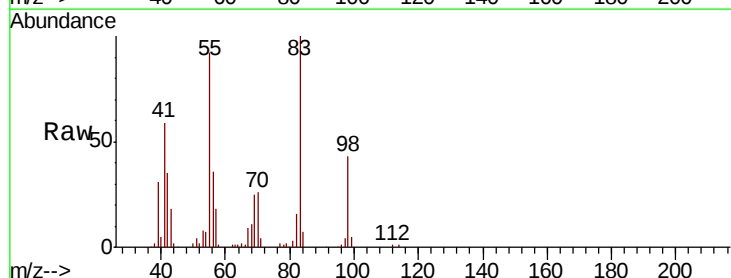
Acq: 9 Jul 2020 6:23

Tgt Ion: 63 Resp: 860

Ion Ratio Lower Upper

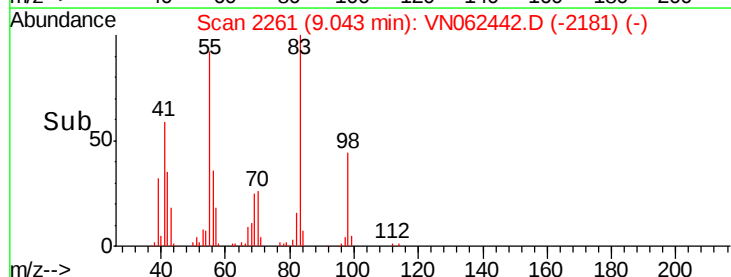
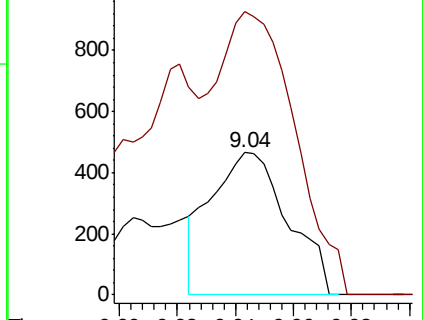
63 100

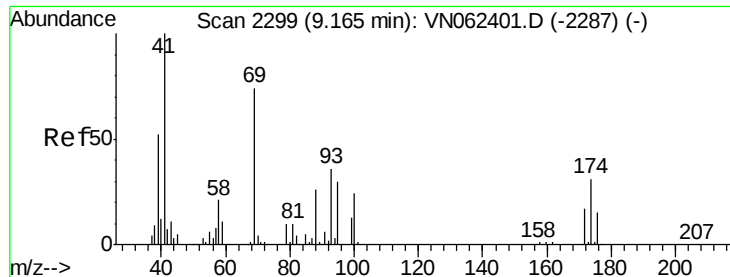
65 167.1 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VN062401.D (-2252) (-)

Ion 64.90 (64.60 to 65.60): VN062401.D (-2252) (-)

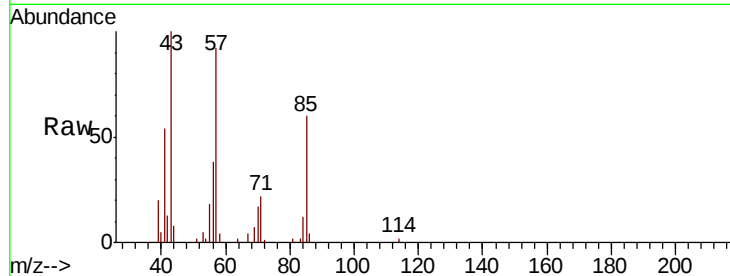




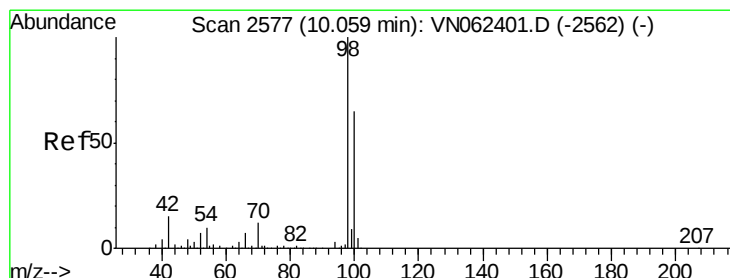
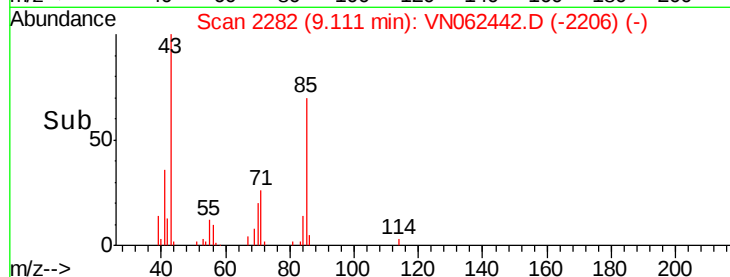
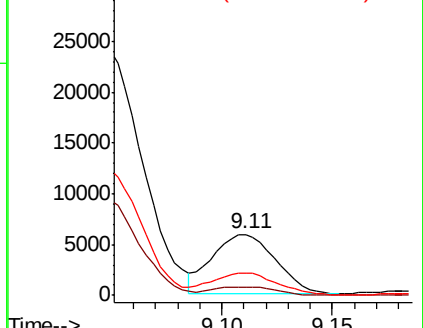
#48
Methvl methacrylate
Concen: 3.368 ug/l
RT: 9.11 min Scan# 2282
Delta R.T. -0.05 min
Lab File: VN062442.D
Acq: 9 Jul 2020 6:23

Instrument :
MSVOA_N
ClientSampled :
MW-14

Tot Ion: 41 Resp: 11534
Ion Ratio Lower Upper
41 100
69 14.0 60.8 91.2#
39 40.0 43.5 65.3#

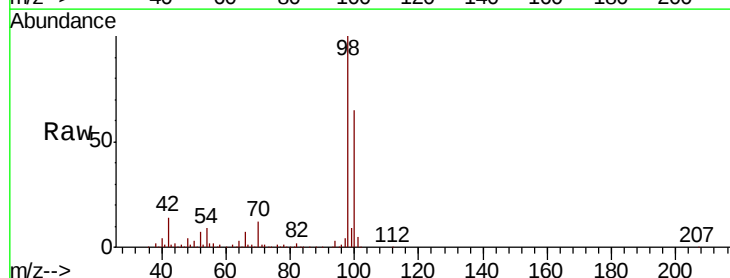


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

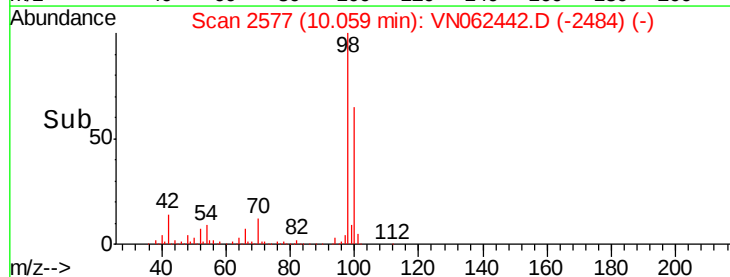
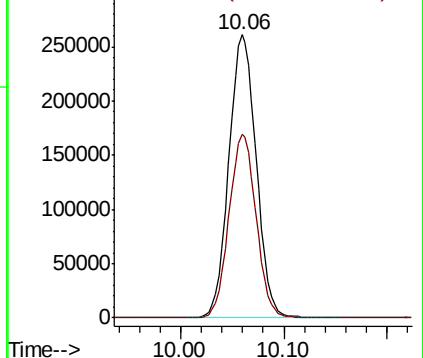


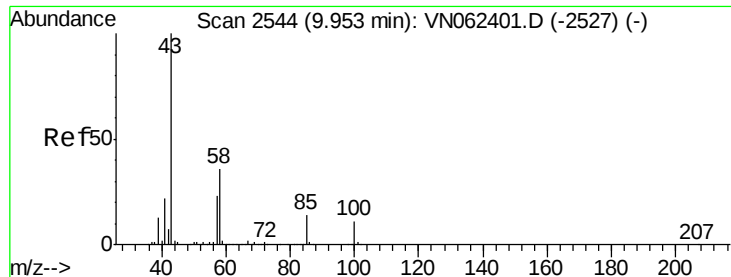
#50
Toluene-d8
Concen: 52.756 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062442.D
Acq: 9 Jul 2020 6:23

Tgt Ion: 98 Resp: 482906
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3



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: 0.719 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.11 min

Lab File: VN062442.D

Acq: 9 Jul 2020 6:23

Instrument :

MSVOA_N

ClientSampled :

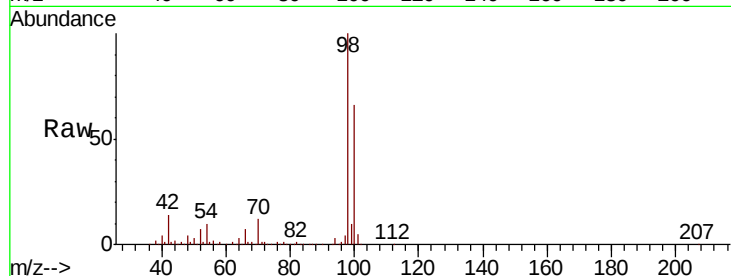
MW-14

Tot Ion: 43 Resp: 2997

Ion Ratio Lower Upper

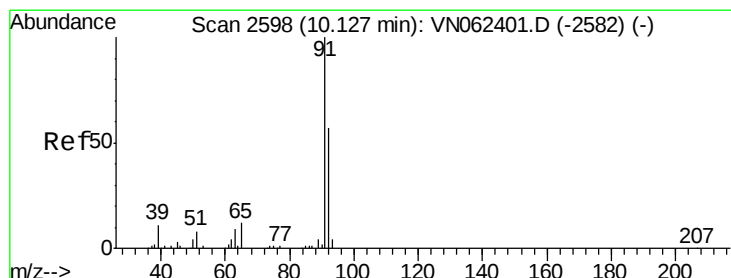
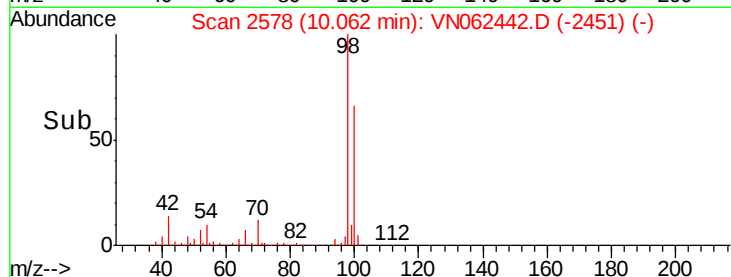
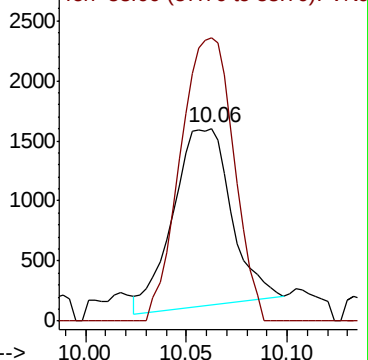
43 100

58 145.8 29.0 43.6#



Abundance Ion 43.00 (42.70 to 43.70): VN062442.D (-2578) (-)

Ion 58.00 (57.70 to 58.70): VN062442.D (-2578) (-)



#52

Toluene

Concen: 0.693 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN062442.D

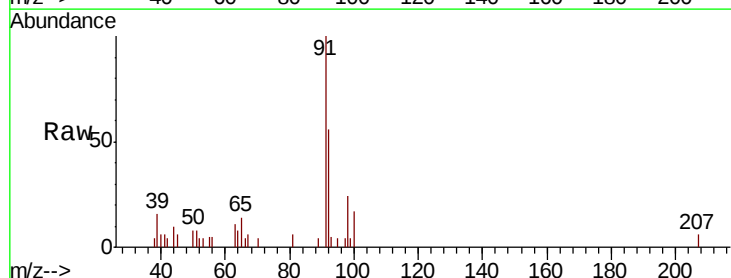
Acq: 9 Jul 2020 6:23

Tgt Ion: 92 Resp: 4461

Ion Ratio Lower Upper

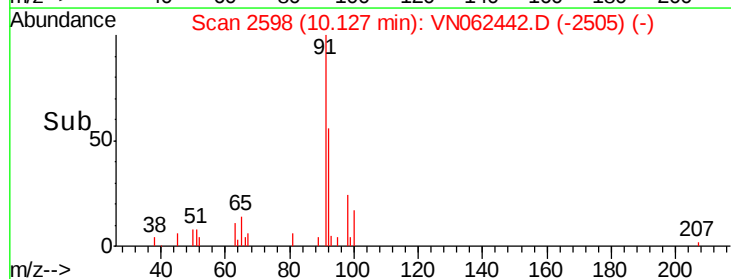
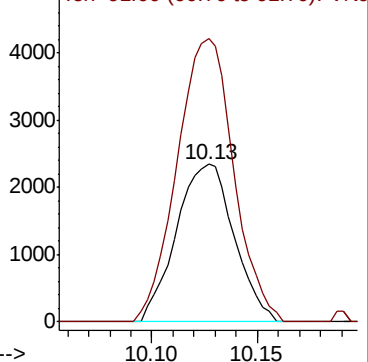
92 100

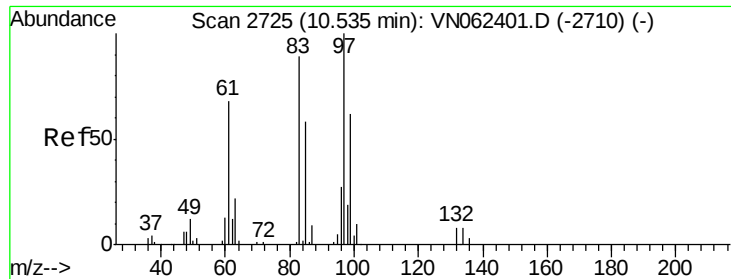
91 176.3 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN062442.D (-2598) (-)

Ion 91.00 (90.70 to 91.70): VN062442.D (-2598) (-)

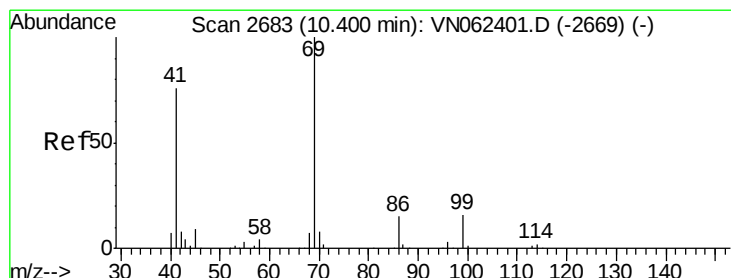
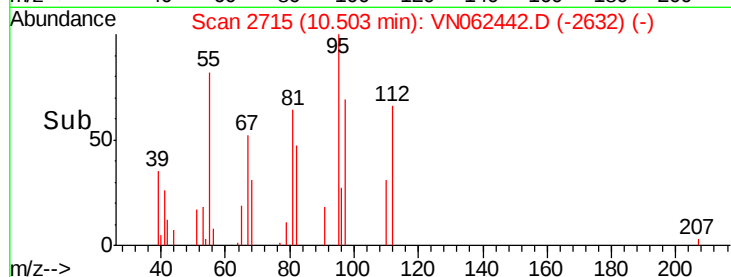
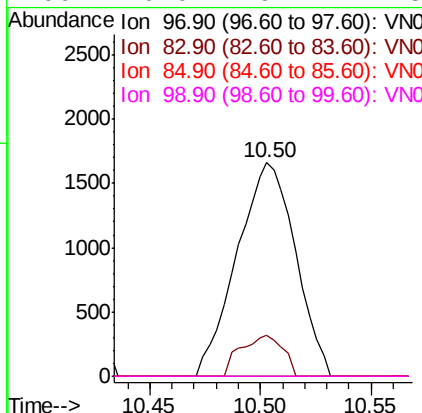
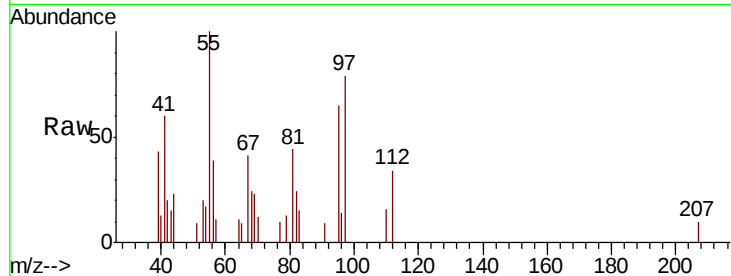




#55
1,1,2-Trichloroethane
Concen: 1.201 ug/l
RT: 10.50 min Scan# 2715
Delta R.T. -0.03 min
Lab File: VN062442.D
Acq: 9 Jul 2020 6:23

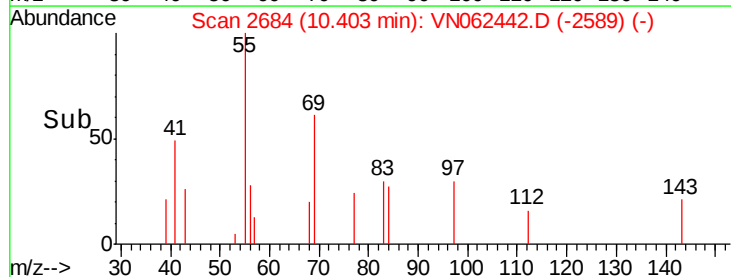
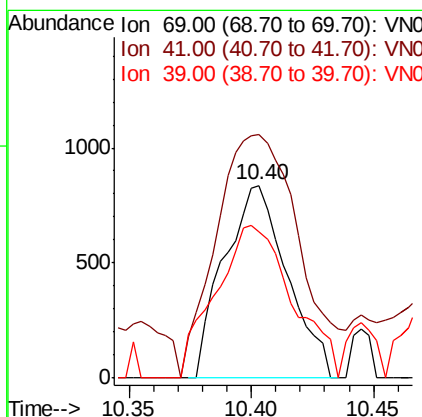
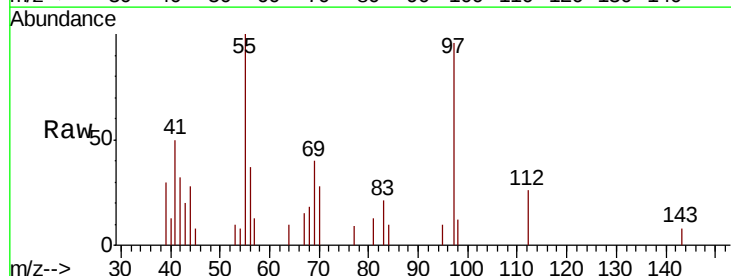
Instrument :
MSVOA_N
ClientSampled :
MW-14

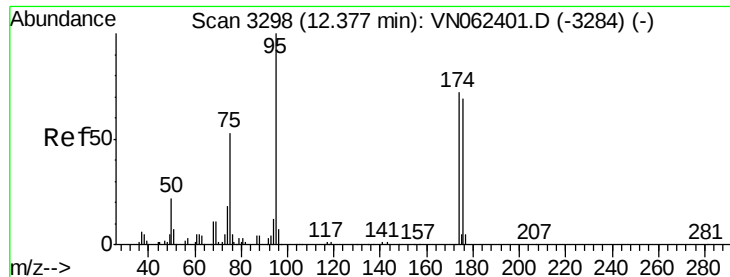
Tot Ion: 97 Resp: 3039
Ion Ratio Lower Upper
97 100
83 19.0 71.0 106.4#
85 0.0 46.2 69.4#
99 0.0 49.7 74.5#



#56
Ethyl methacrylate
Concen: 2.024 ug/l
RT: 10.40 min Scan# 2684
Delta R.T. 0.00 min
Lab File: VN062442.D
Acq: 9 Jul 2020 6:23

Tgt Ion: 69 Resp: 1503
Ion Ratio Lower Upper
69 100
41 168.1 59.7 89.5#
39 96.2 30.6 45.8#





#62

4-Bromofluorobenzene

Concen: 58.584 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062442.D

Acq: 9 Jul 2020 6:23

Instrument :

MSVOA_N

ClientSampled :

MW-14

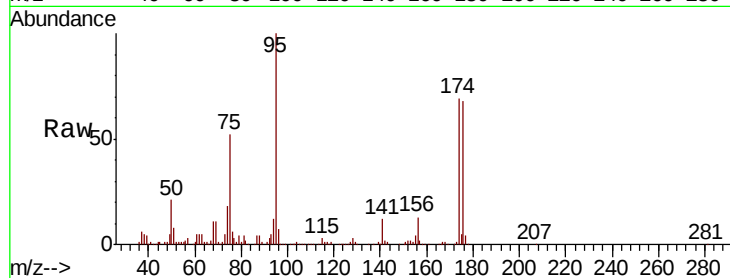
Tot Ion: 95 Resp: 195962

Ion Ratio Lower Upper

95 100

174 69.8 0.0 141.6

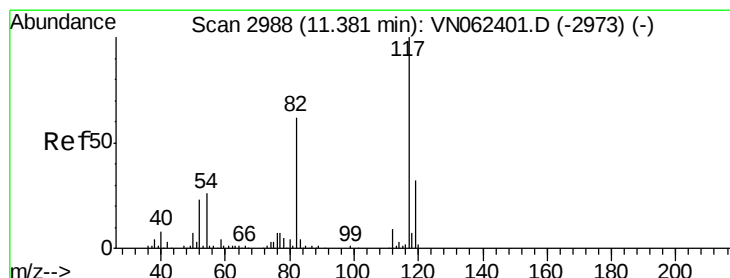
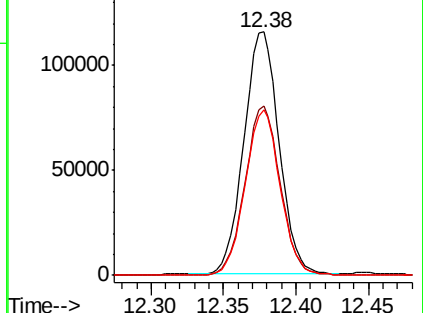
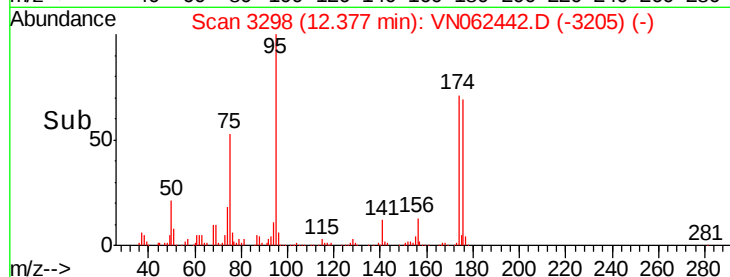
176 67.7 0.0 137.2



Abundance Ion 94.90 (94.60 to 95.60): VN062442.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062442.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062442.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062442.D

Acq: 9 Jul 2020 6:23

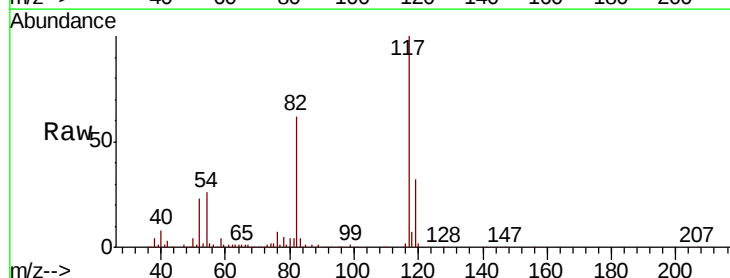
Tgt Ion: 117 Resp: 368138

Ion Ratio Lower Upper

117 100

82 62.0 49.6 74.4

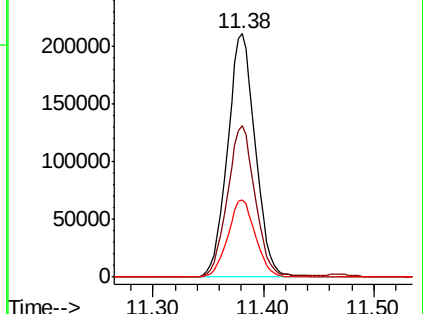
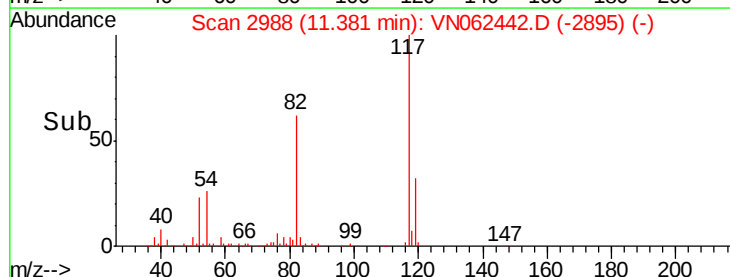
119 31.8 25.4 38.0

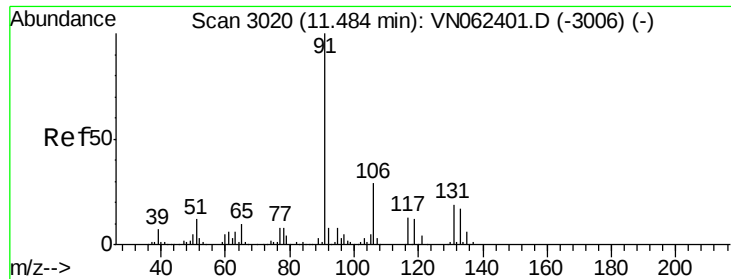


Abundance Ion 116.90 (116.60 to 117.60): VN062442.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062442.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062442.D (-2895) (-)

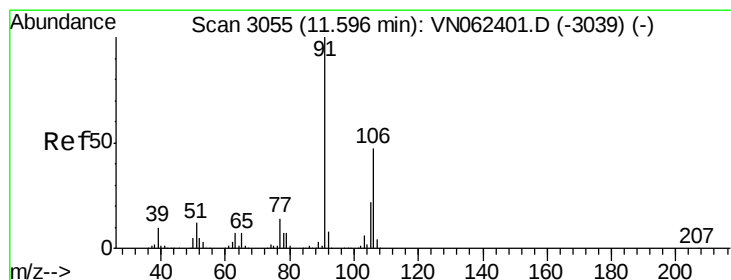
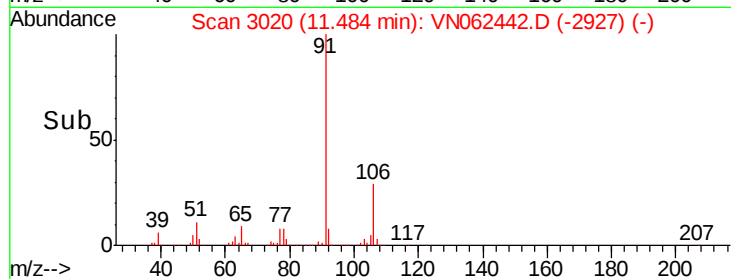
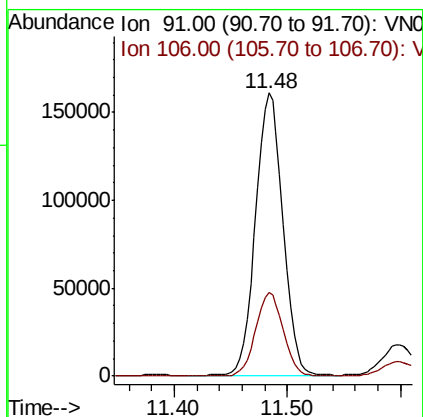
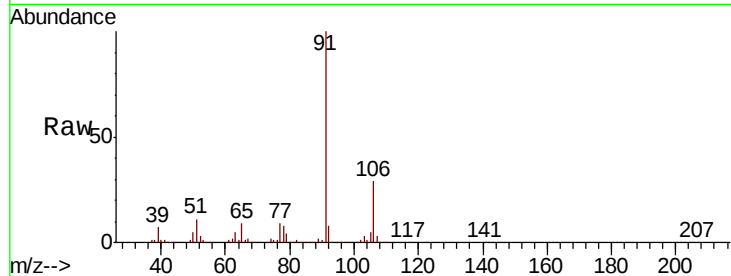




#67
Ethyl Benzene
Concen: 20.130 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062442.D
Acq: 9 Jul 2020 6:23

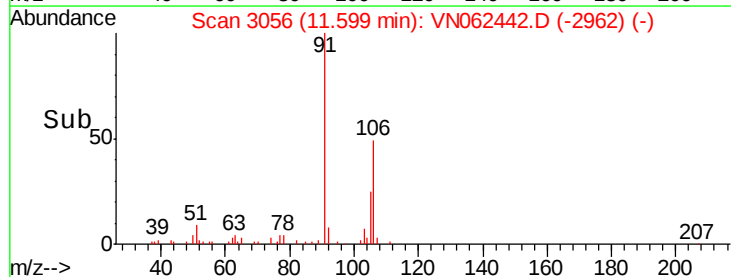
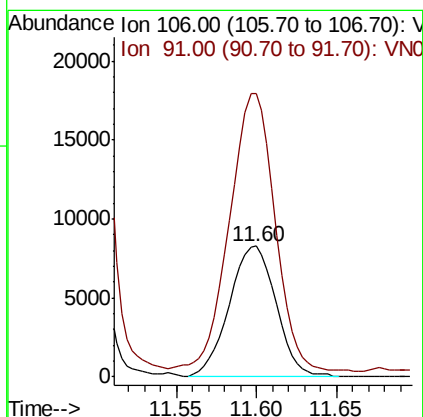
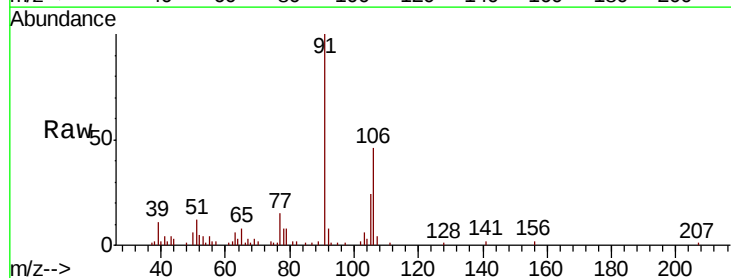
Instrument :
MSVOA_N
ClientSampled :
MW-14

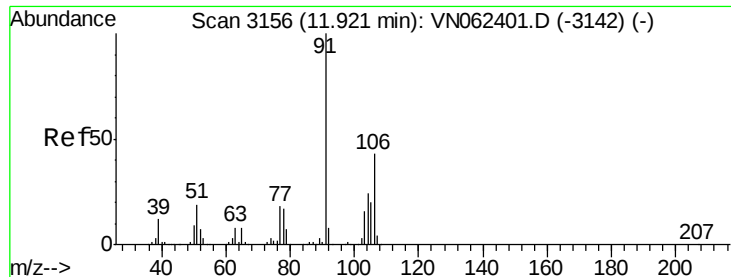
Tot Ion: 91 Resp: 270345
Ion Ratio Lower Upper
91 100
106 29.5 23.4 35.2



#68
m/p-Xylenes
Concen: 3.495 ug/l
RT: 11.60 min Scan# 3056
Delta R.T. 0.00 min
Lab File: VN062442.D
Acq: 9 Jul 2020 6:23

Tgt Ion: 106 Resp: 16615
Ion Ratio Lower Upper
106 100
91 203.6 172.4 258.6

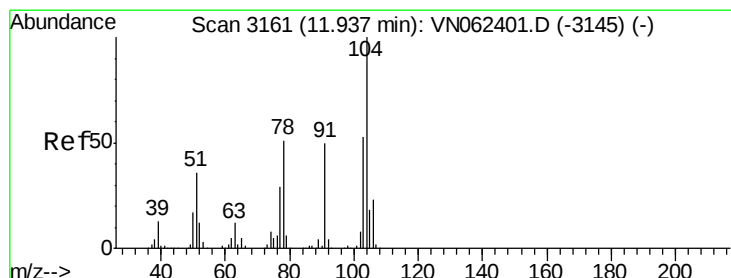
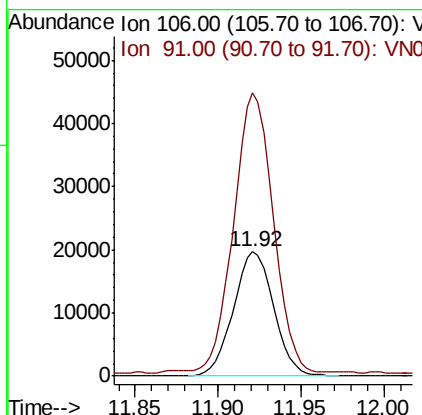
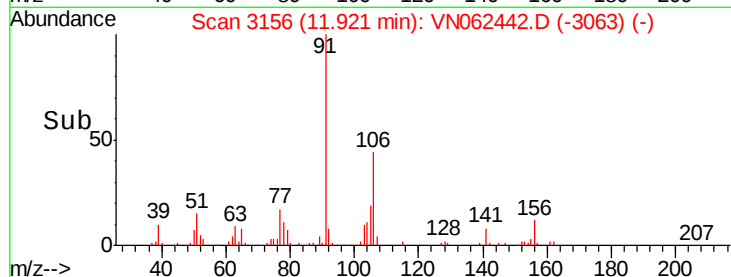
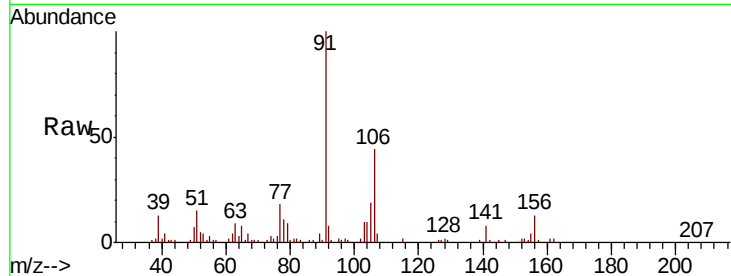




#69
o-Xylene
Concen: 7.173 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062442.D
Acq: 9 Jul 2020 6:23

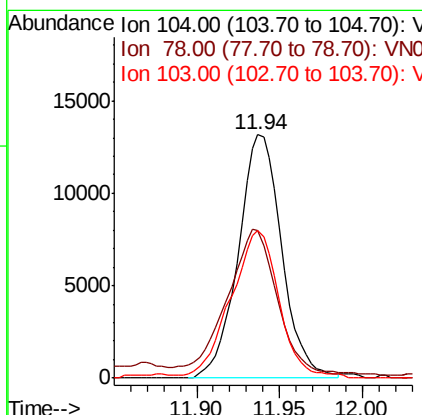
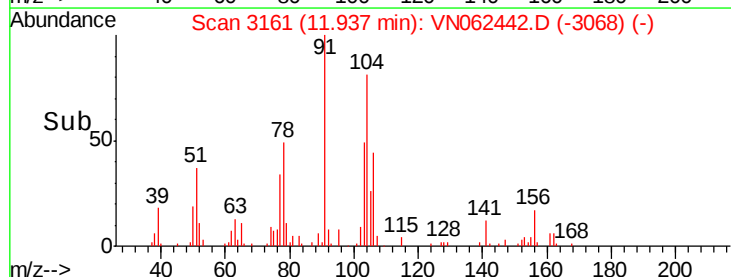
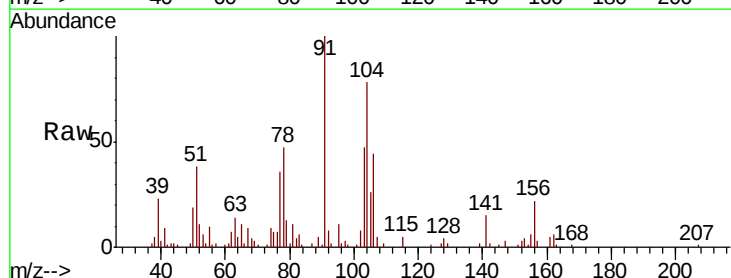
Instrument :
MSVOA_N
ClientSampled :
MW-14

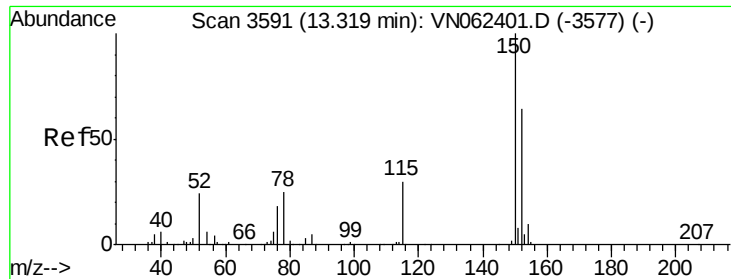
Tot Ion:106 Resp: 33203
Ion Ratio Lower Upper
106 100
91 222.9 113.8 341.4



#70
Styrene
Concen: 3.145 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062442.D
Acq: 9 Jul 2020 6:23

Tgt Ion:104 Resp: 24064
Ion Ratio Lower Upper
104 100
78 69.0 44.2 66.4#
103 67.4 44.4 66.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062442.D

Acq: 9 Jul 2020 6:23

Instrument :

MSVOA_N

ClientSampled :

MW-14

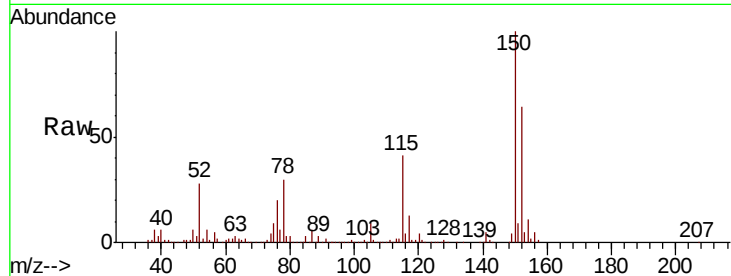
Tot Ion:152 Resp: 171946

Ion Ratio Lower Upper

152 100

115 64.8 31.4 94.2

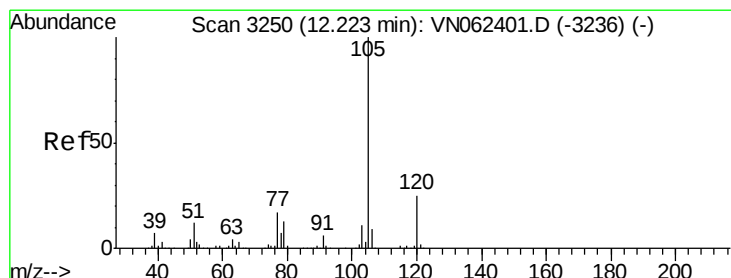
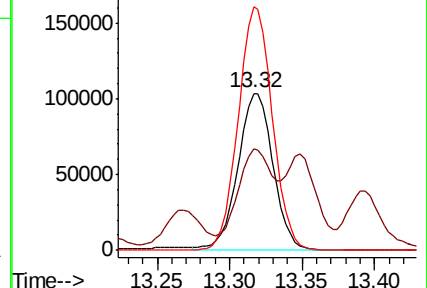
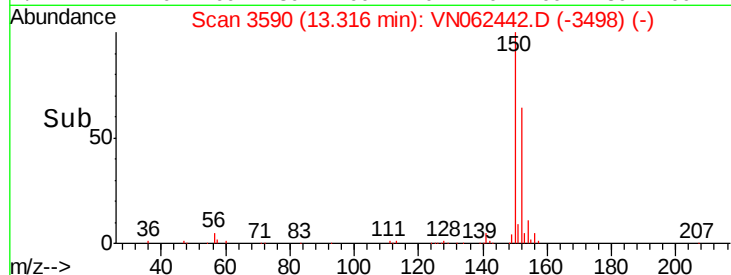
150 153.5 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 91.285 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062442.D

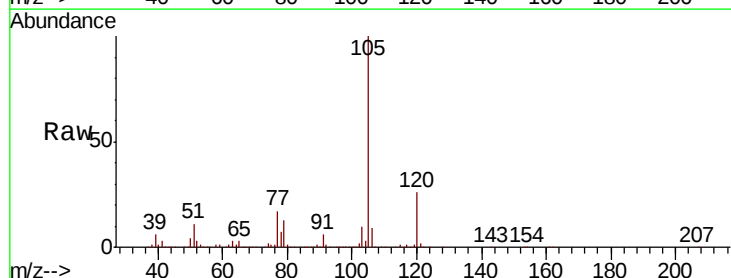
Acq: 9 Jul 2020 6:23

Tgt Ion:105 Resp: 1214604

Ion Ratio Lower Upper

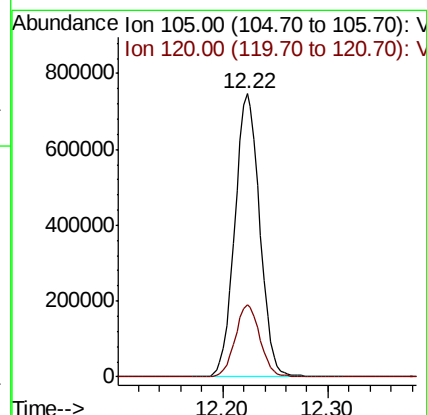
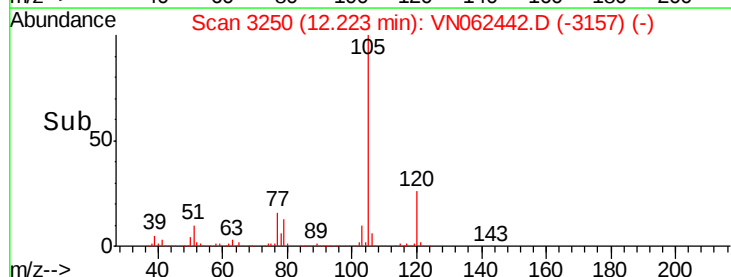
105 100

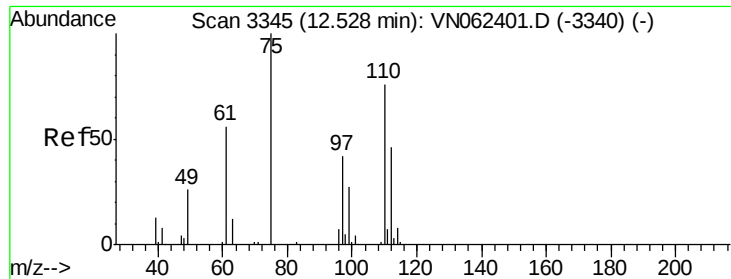
120 25.4 12.7 38.1



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: 2.053 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. 0.04 min

Lab File: VN062442.D

Acq: 9 Jul 2020 6:23

Instrument :

MSVOA_N

ClientSampled :

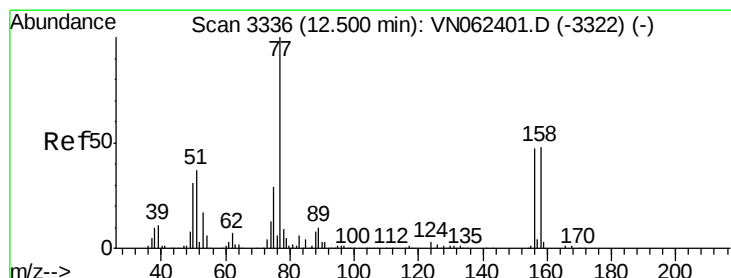
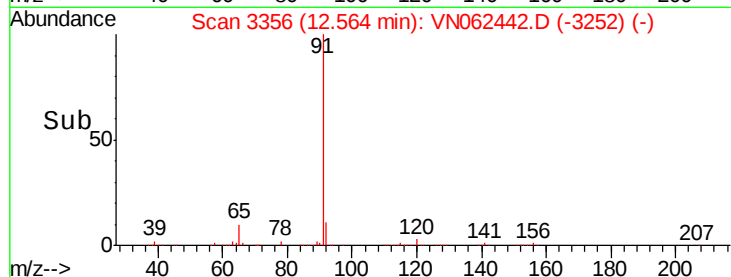
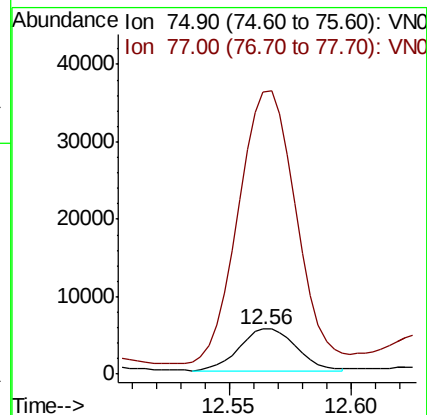
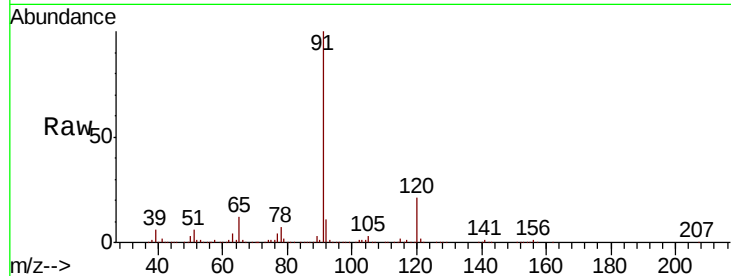
MW-14

Tot Ion: 75 Resp: 8663

Ion Ratio Lower Upper

75 100

77 667.0 0.0 0.0#



#77

Bromobenzene

Concen: 55.686 ug/l

RT: 12.45 min Scan# 3322

Delta R.T. -0.04 min

Lab File: VN062442.D

Acq: 9 Jul 2020 6:23

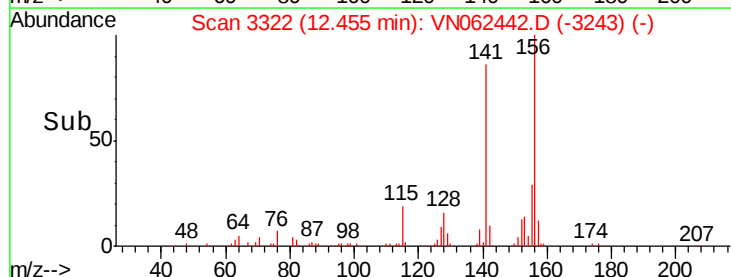
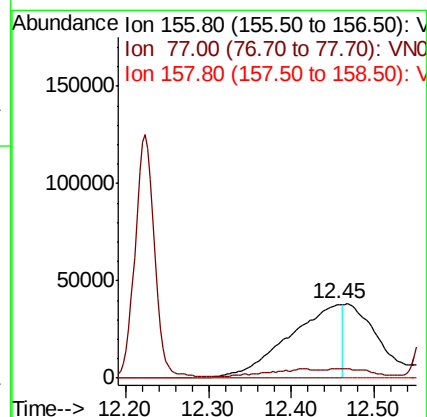
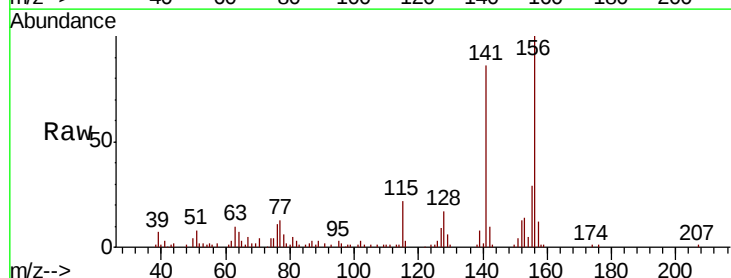
Tgt Ion: 156 Resp: 168443

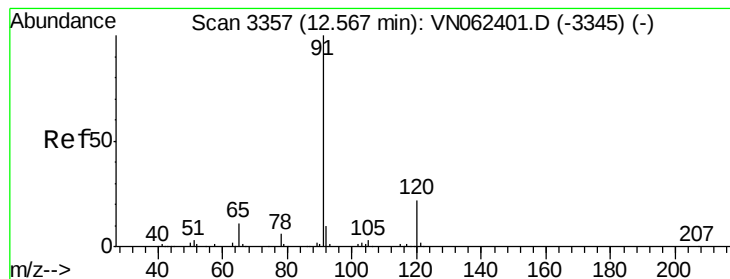
Ion Ratio Lower Upper

156 100

77 0.0 126.4 379.3#

158 0.1 49.8 149.4#





#78

n-propylbenzene

Concen: 92.203 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062442.D

Acq: 9 Jul 2020 6:23

Instrument :

MSVOA_N

ClientSampled :

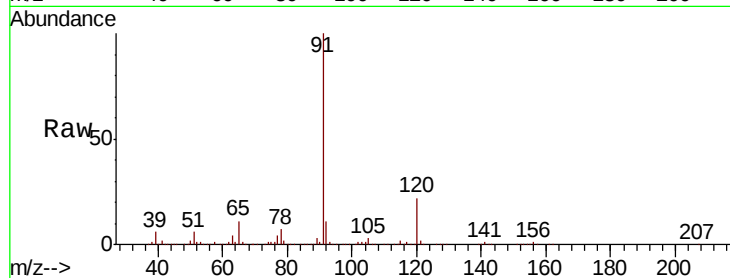
MW-14

Tot Ion: 91 Resp: 1433051

Ion Ratio Lower Upper

91 100

120 21.4 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3345) (-)

Ion 120.00 (119.70 to 120.70): VN062401.D (-3345) (-)

12.57

800000

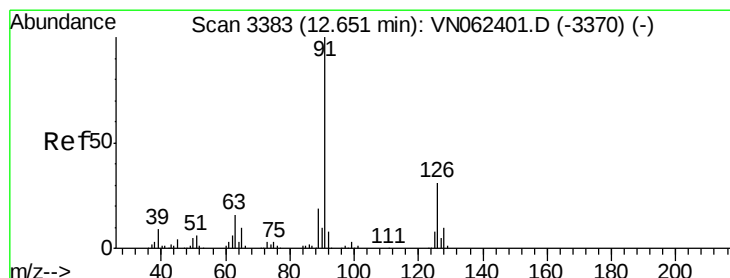
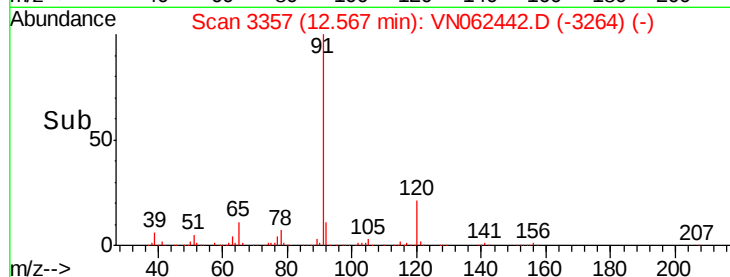
600000

400000

200000

0

Time-->



#79

2-Chlorotoluene

Concen: 10.013 ug/l

RT: 12.66 min Scan# 3387

Delta R.T. 0.01 min

Lab File: VN062442.D

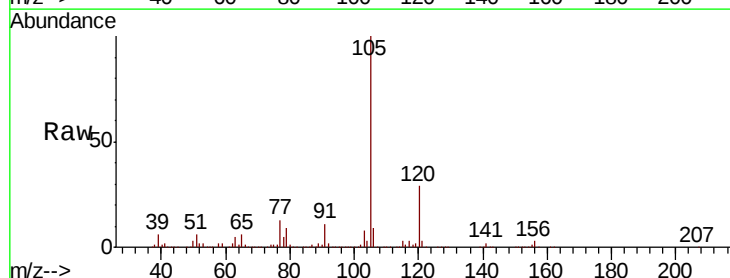
Acq: 9 Jul 2020 6:23

Tgt Ion: 91 Resp: 94453

Ion Ratio Lower Upper

91 100

126 0.0 15.6 46.7#



Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062401.D (-3370) (-)

250000

200000

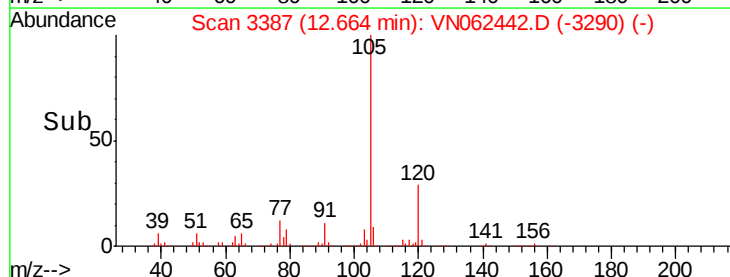
150000

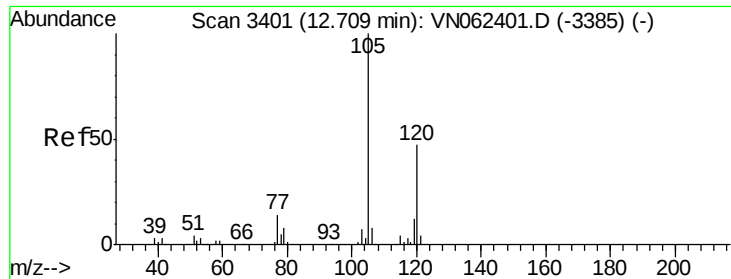
100000

50000

0

Time-->

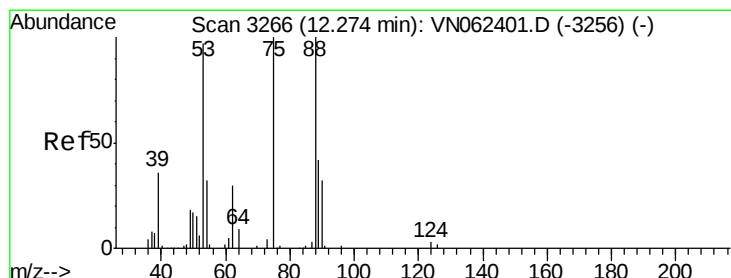
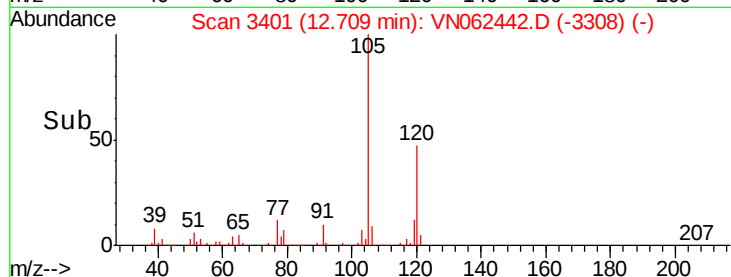
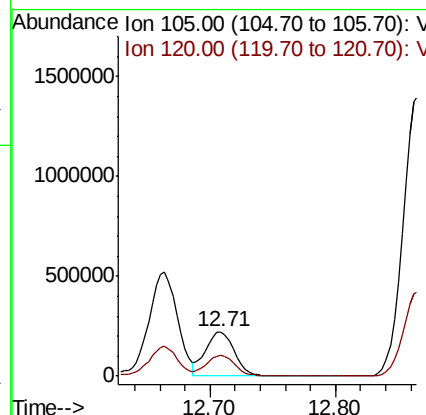
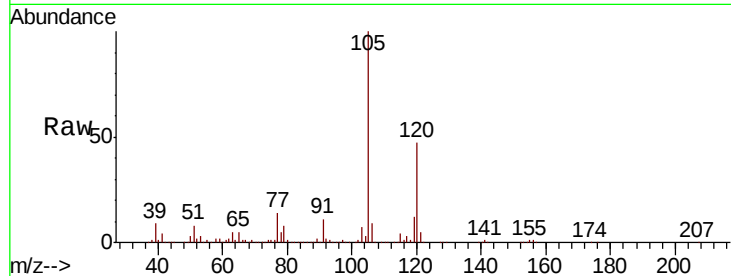




#80
 1,3,5-Trimethylbenzene
 Concen: 32.570 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062442.D
 Acq: 9 Jul 2020 6:23

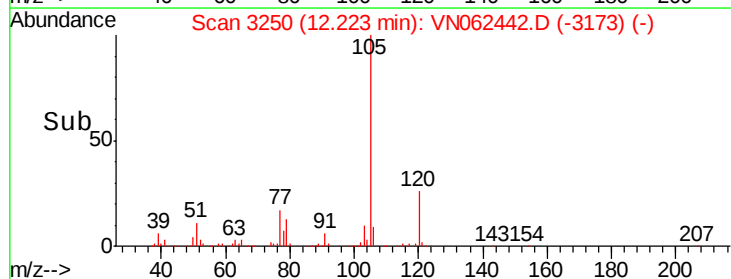
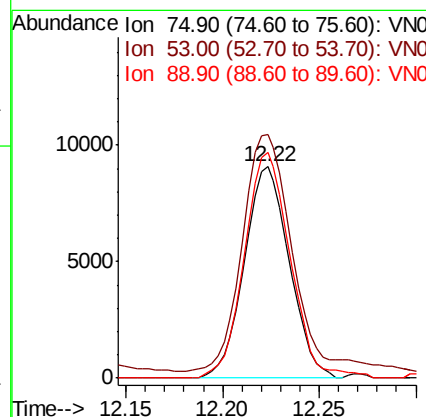
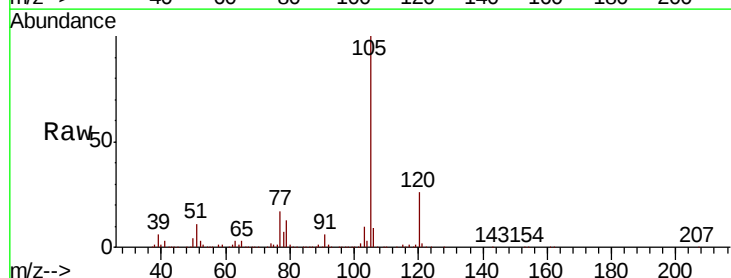
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

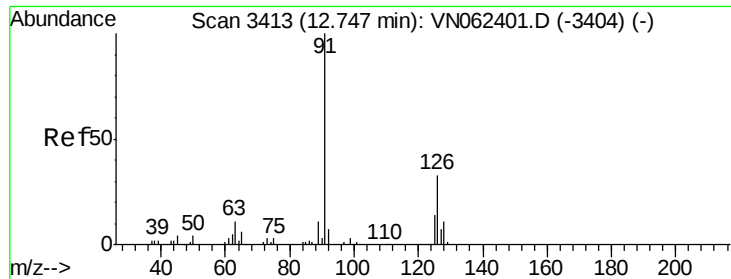
Tot Ion:105 Resp: 355257
 Ion Ratio Lower Upper
 105 100
 120 43.7 23.4 70.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 9.356 ug/l
 RT: 12.22 min Scan# 3250
 Delta R.T. -0.05 min
 Lab File: VN062442.D
 Acq: 9 Jul 2020 6:23

Tgt Ion: 75 Resp: 14747
 Ion Ratio Lower Upper
 75 100
 53 124.5 79.2 118.8#
 89 108.6 34.6 52.0#





#82

4-Chlorotoluene

Concen: 9.863 ug/l

RT: 12.66 min Scan# 3387

Delta R.T. -0.08 min

Lab File: VN062442.D

Acq: 9 Jul 2020 6:23

Instrument :

MSVOA_N

ClientSampled :

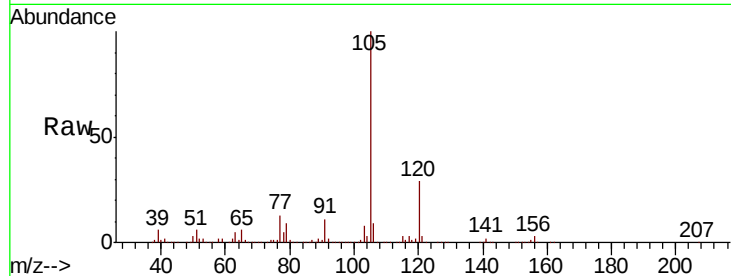
MW-14

Tot Ion: 91 Resp: 94453

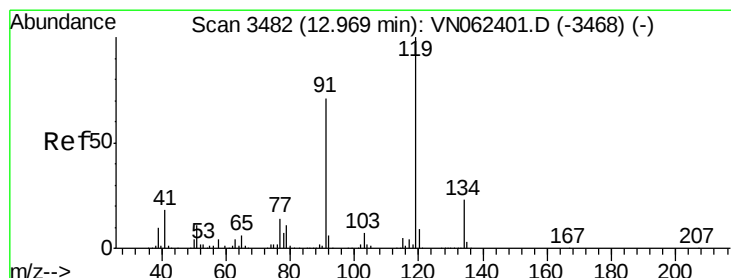
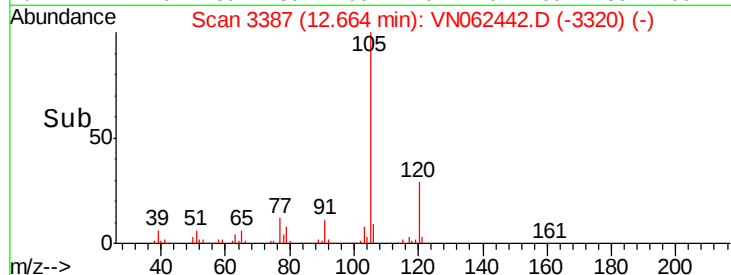
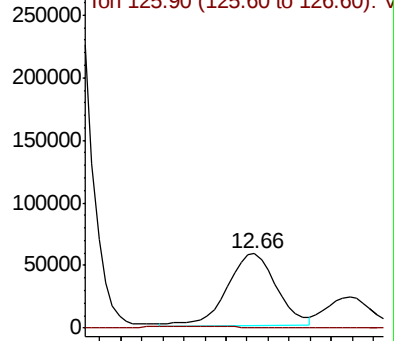
Ion Ratio Lower Upper

91 100

126 0.0 15.2 45.6#



Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3404) (-)



#83

tert-Butylbenzene

Concen: 96.462 ug/l

RT: 13.01 min Scan# 3496

Delta R.T. 0.05 min

Lab File: VN062442.D

Acq: 9 Jul 2020 6:23

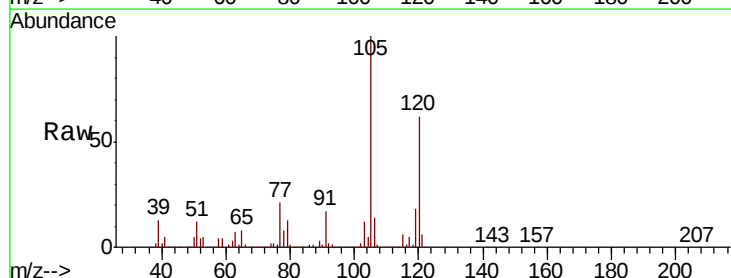
Tgt Ion: 119 Resp: 892896

Ion Ratio Lower Upper

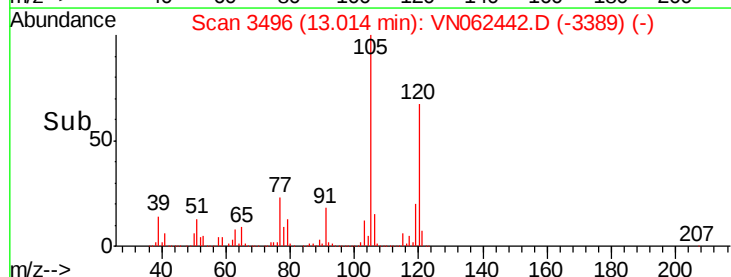
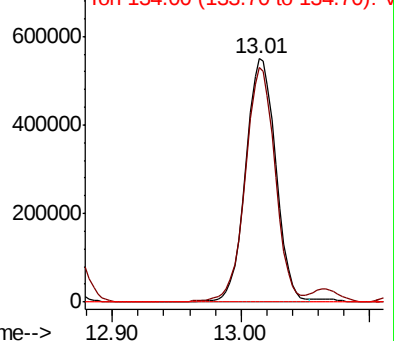
119 100

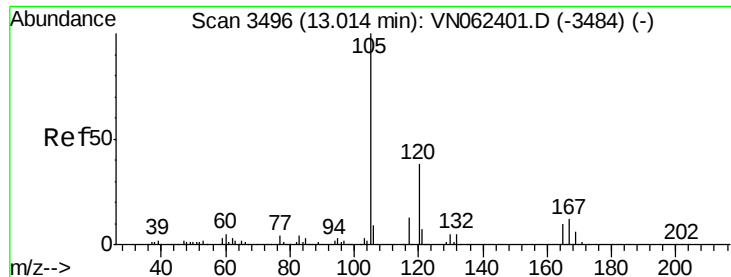
91 95.4 34.8 104.3

134 0.0 11.7 35.0#



Abundance Ion 119.00 (118.70 to 119.70): VN062401.D (-3468) (-)

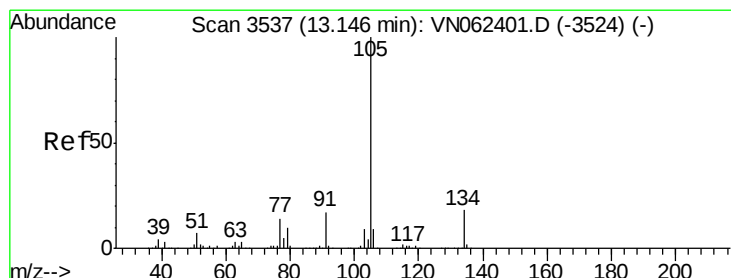
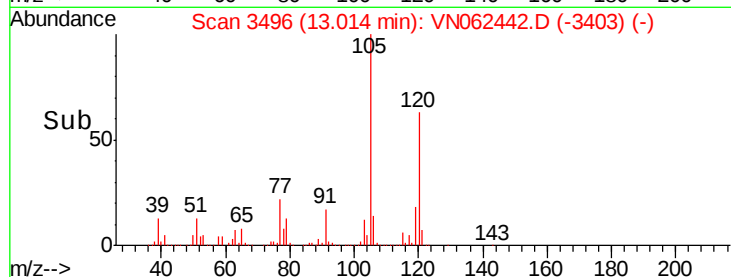
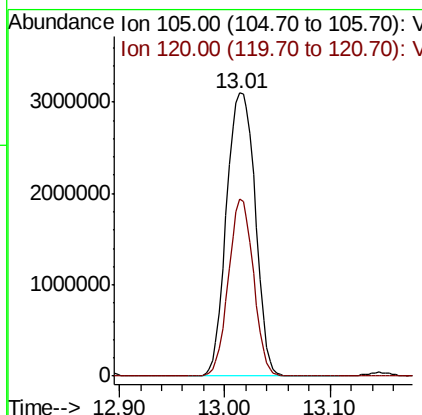
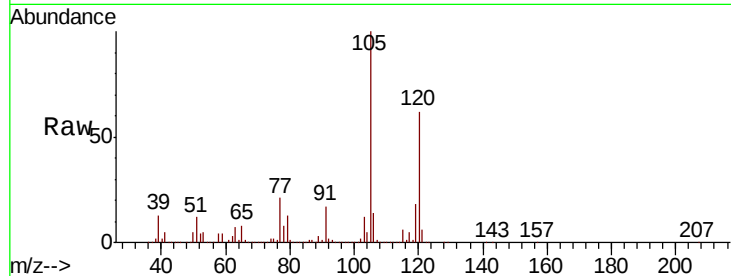




#84
 1,2,4-Trimethylbenzene
 Concen: 539.598 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062442.D
 Acq: 9 Jul 2020 6:23

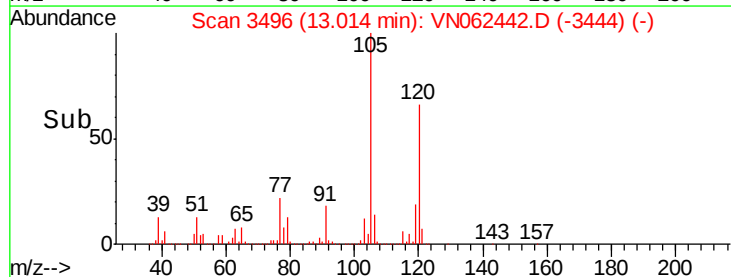
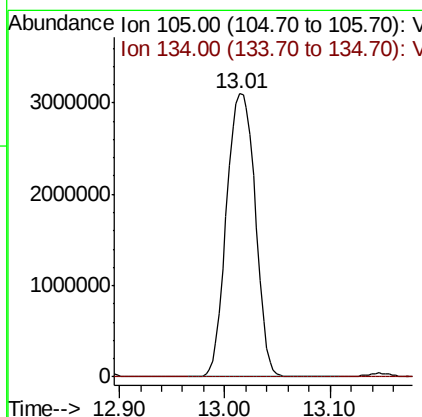
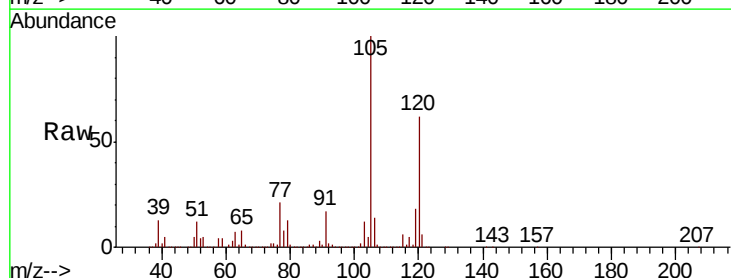
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

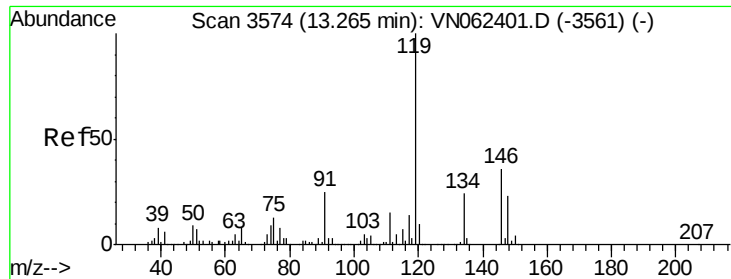
Tot Ion:105 Resp: 5850286
 Ion Ratio Lower Upper
 105 100
 120 54.2 21.6 64.8



#85
 sec-Butylbenzene
 Concen: 476.957 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.13 min
 Lab File: VN062442.D
 Acq: 9 Jul 2020 6:23

Tgt Ion:105 Resp: 5850286
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.3 28.0#

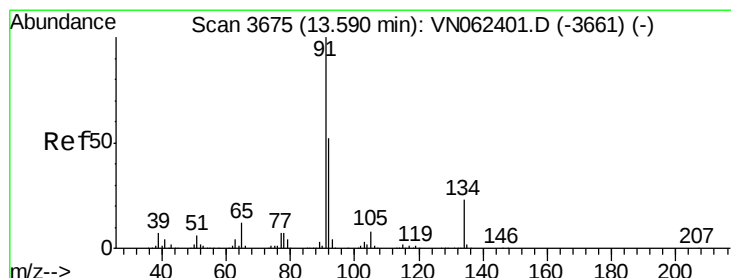
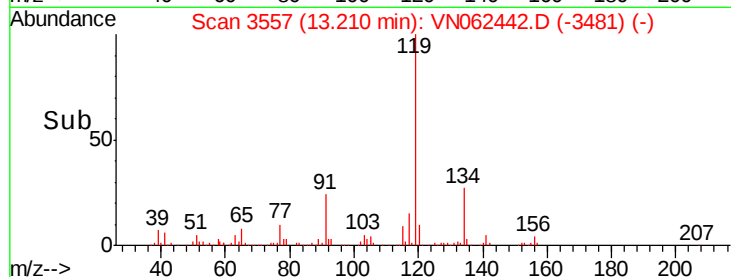
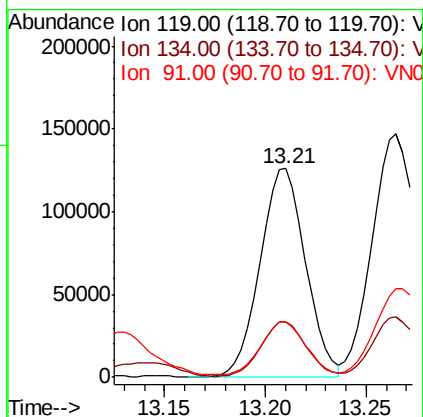
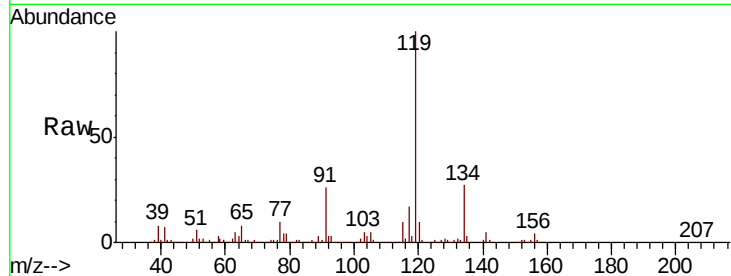




#86
p-Isopropyltoluene
Concen: 18.606 ug/l
RT: 13.21 min Scan# 3557
Delta R.T. -0.05 min
Lab File: VN062442.D
Acq: 9 Jul 2020 6:23

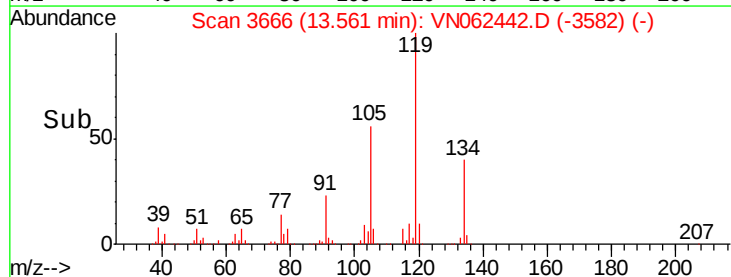
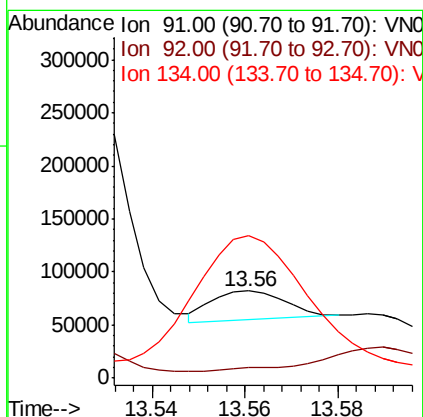
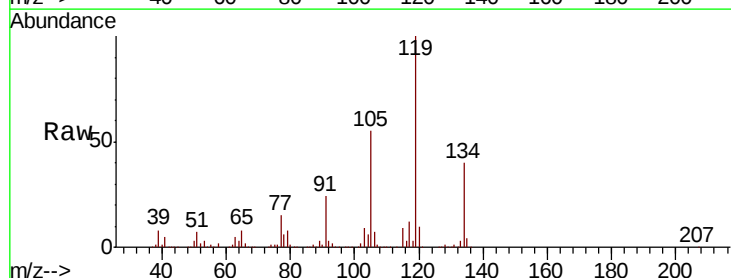
Instrument :
MSVOA_N
ClientSampleId :
MW-14

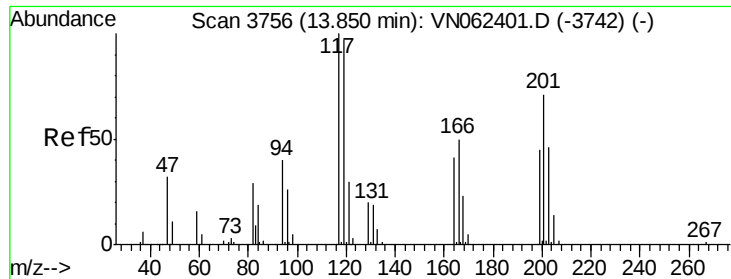
Tot Ion:119 Resp: 196968
Ion Ratio Lower Upper
119 100
134 26.6 12.4 37.0
91 24.6 12.4 37.4



#89
n-Butylbenzene
Concen: 3.261 ug/l
RT: 13.56 min Scan# 3666
Delta R.T. -0.03 min
Lab File: VN062442.D
Acq: 9 Jul 2020 6:23

Tgt Ion: 91 Resp: 30486
Ion Ratio Lower Upper
91 100
92 0.0 25.9 77.7#
134 826.9 11.6 34.8#





#90

Hexachloroethane

Concen: 73.583 ug/l

RT: 13.86 min Scan# 3759

Delta R.T. 0.01 min

Lab File: VN062442.D

Acq: 9 Jul 2020 6:23

Instrument :

MSVOA_N

ClientSampleId :

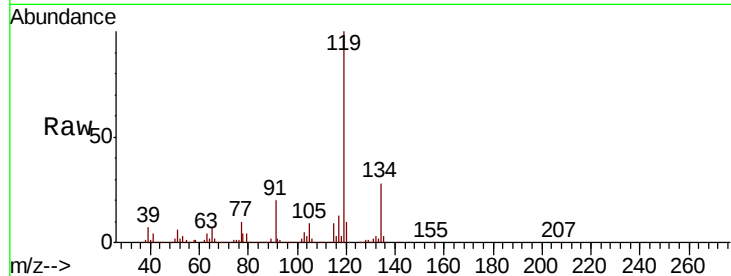
MW-14

Tot Ion:117 Resp: 153237

Ion Ratio Lower Upper

117 100

201 0.0 35.4 106.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.86

100000

80000

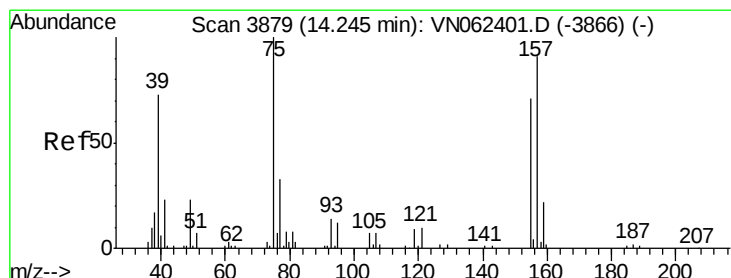
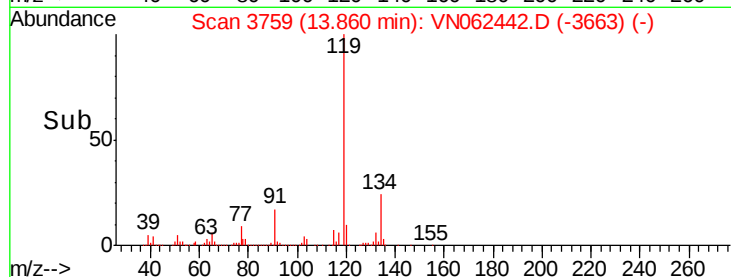
60000

40000

20000

0

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 8.557 ug/l

RT: 14.22 min Scan# 3872

Delta R.T. -0.02 min

Lab File: VN062442.D

Acq: 9 Jul 2020 6:23

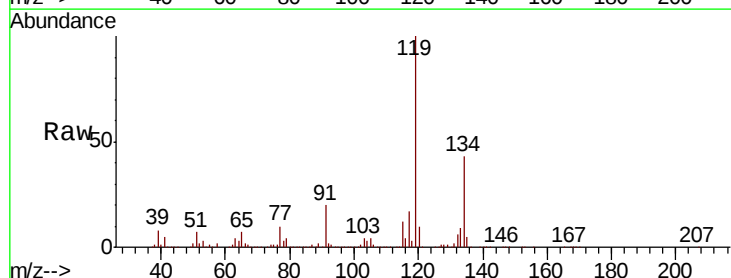
Tgt Ion: 75 Resp: 6986

Ion Ratio Lower Upper

75 100

155 0.0 35.2 105.6#

157 0.0 45.8 137.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

8000

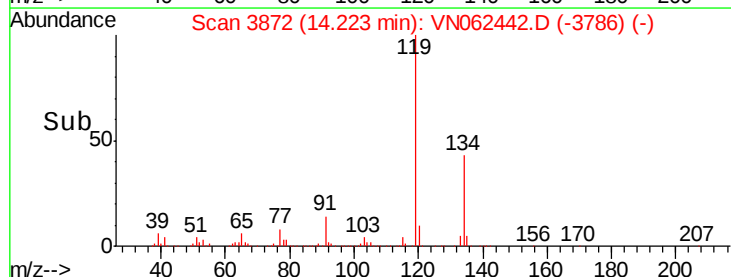
6000

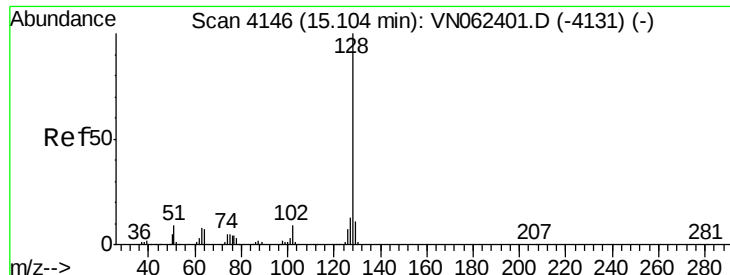
4000

2000

0

Time-->





#95

Naphthalene

Concen: 643.775 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062442.D

Acq: 9 Jul 2020 6:23

Instrument :

MSVOA_N

ClientSampleId :

MW-14

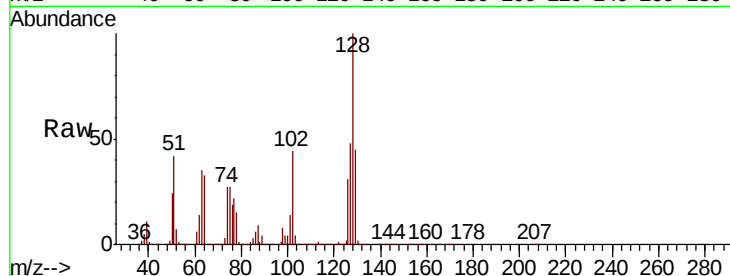
Tot Ion:128 Resp:11963512

Ion Ratio Lower Upper

128 100

127 33.5 10.2 15.2#

129 30.5 8.6 12.8#



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

