

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101520\
 Data File : VN064159.D
 Acq On : 15 Oct 2020 21:31
 Operator : JC/MD
 Sample : L4412-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 98-02

Quant Time: Oct 16 02:29:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	276889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	525773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	564253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	222783	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	220510	55.92	ug/l	0.00
Spiked Amount			Recovery	=	111.84%	
35) Dibromofluoromethane	7.55	113	184175	50.61	ug/l	0.00
Spiked Amount			Recovery	=	101.22%	
50) Toluene-d8	10.06	98	702667	51.17	ug/l	0.00
Spiked Amount			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.38	95	245427	52.00	ug/l	0.00
Spiked Amount			Recovery	=	104.00%	

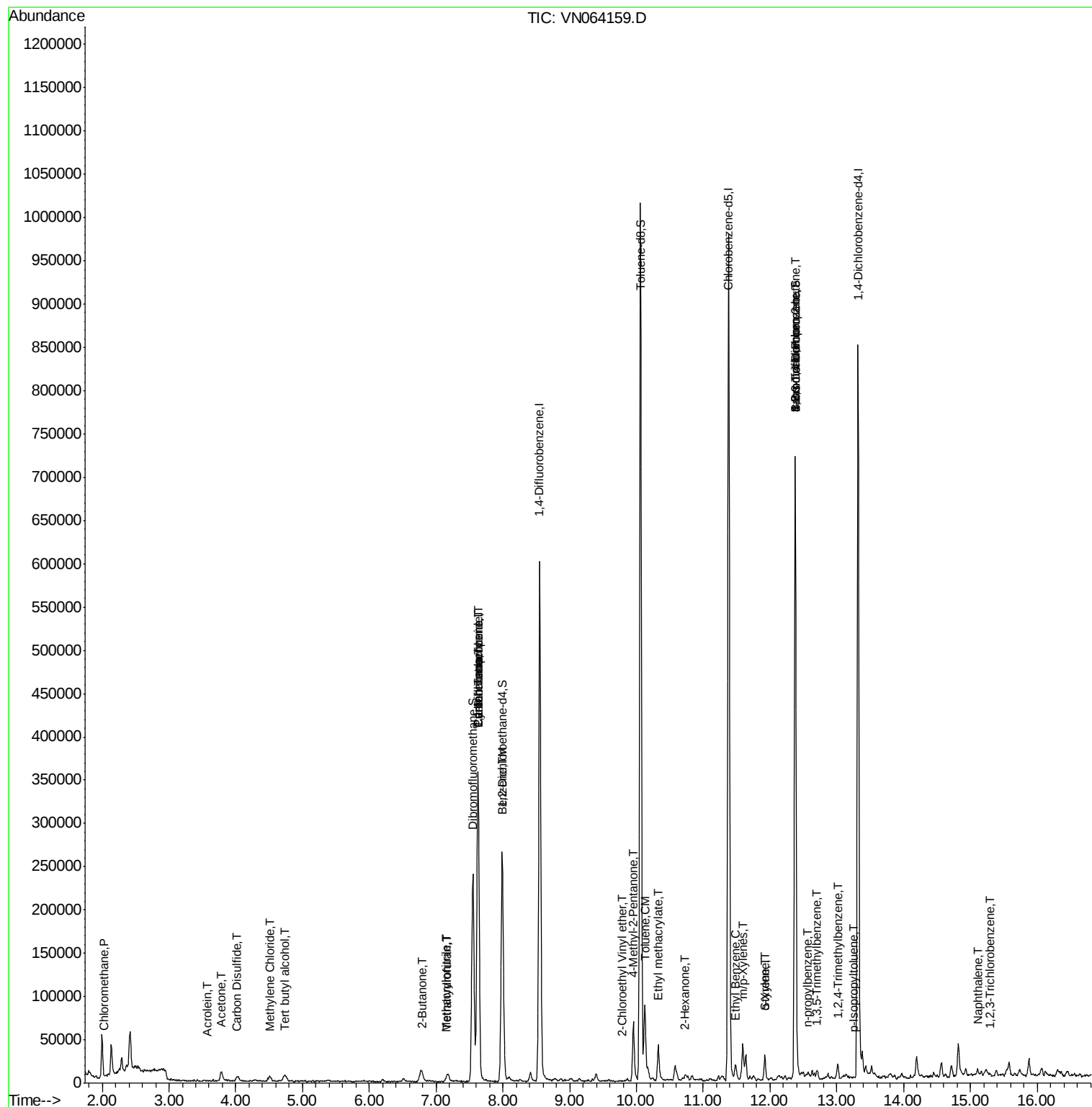
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1113	0.343	ug/l #	69
11) Tert butyl alcohol	4.73	59	12334	28.248	ug/l	97
13) Acrolein	3.56	56	120	0.335	ug/l #	45
16) Acetone	3.78	43	19202	16.416	ug/l	92
17) Carbon Disulfide	4.02	76	3044	0.386	ug/l #	78
20) Methylene Chloride	4.50	84	3534	0.976	ug/l #	84
25) 2-Butanone	6.80	43	4464	2.481	ug/l #	85
29) Tetrahydrofuran	7.17	42	5433	5.167	ug/l	90
31) Cyclohexane	7.62	56	7347	1.685	ug/l #	33
36) 1,1-Dichloropropene	7.63	75	23861	4.708	ug/l #	47
38) Carbon Tetrachloride	7.63	117	29425	5.400	ug/l #	16
40) Benzene	8.00	78	20307	1.323	ug/l	93
41) Methacrylonitrile	7.14	41	726	0.373	ug/l #	15
51) 4-Methyl-2-Pentanone	9.96	43	45714	10.351	ug/l	98
52) Toluene	10.13	92	34942	3.706	ug/l	100
56) Ethyl methacrylate	10.33	69	6489	3.392	ug/l #	29
58) 2-Chloroethyl Vinyl ether	9.79	63	67	12.241	ug/l #	48
59) 2-Hexanone	10.73	43	4243	8.047	ug/l	94
67) Ethyl Benzene	11.49	91	9331	0.469	ug/l	98
68) m/p-Xylenes	11.60	106	12368	3.666	ug/l	93
69) o-Xylene	11.92	106	6612	2.398	ug/l	99
70) Styrene	11.92	104	347	2.061	ug/l #	1
71) Bromoform	12.38	173	1608	2.642	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	127994	24.489	ug/l #	100
78) n-propylbenzene	12.57	91	4391	0.244	ug/l #	74
80) 1,3,5-Trimethylbenzene	12.71	105	3123	0.241	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.38	75	127994	74.818	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.02	105	9248	0.867	ug/l	98
86) p-Isopropyltoluene	13.27	119	466	0.697	ug/l #	75
95) Naphthalene	15.11	128	5965	4.303	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.28	180	64	2.827	ug/l #	1

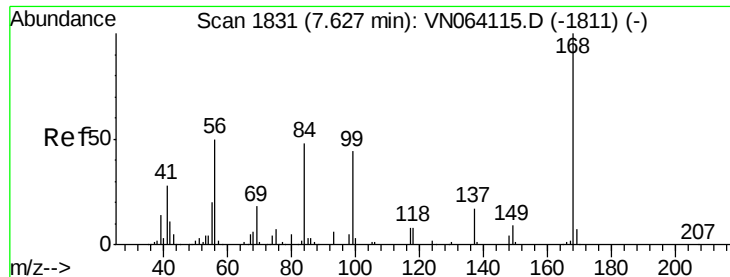
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064159.D

Acq: 15 Oct 2020 21:31

Instrument :

MSVOA_N

ClientSampleId :

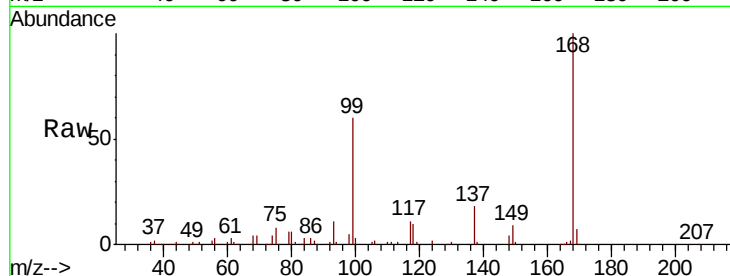
98-02

Tot Ion:168 Resp: 276889

Ion Ratio Lower Upper

168 100

99 59.6 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN064115.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN064115.D (-1811) (-)

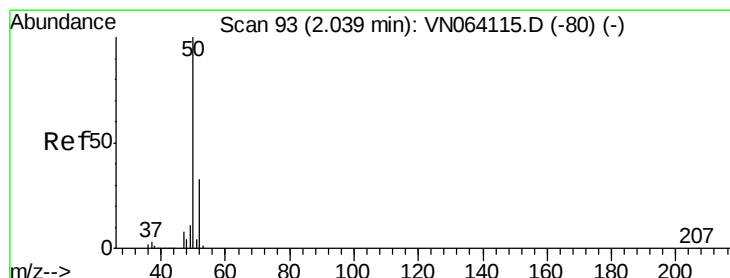
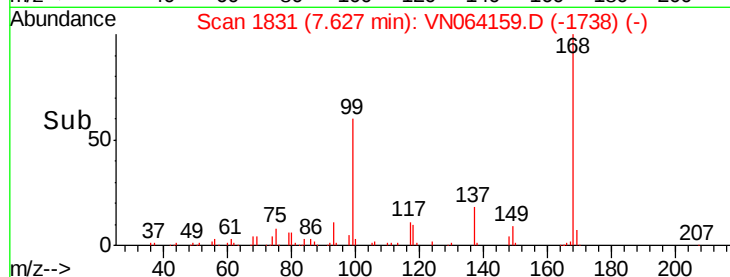
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.343 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064159.D

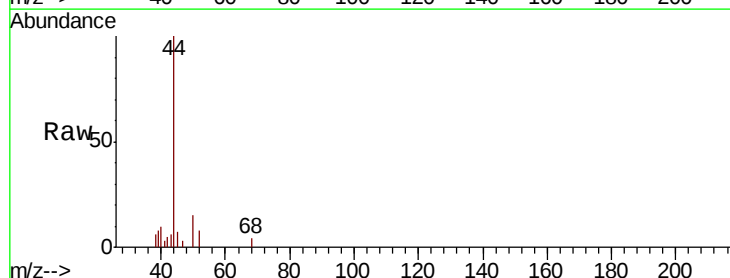
Acq: 15 Oct 2020 21:31

Tgt Ion: 50 Resp: 1113

Ion Ratio Lower Upper

50 100

52 49.9 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VN064115.D (-80) (-)

Ion 51.90 (51.60 to 52.60): VN064115.D (-80) (-)

2.04

800

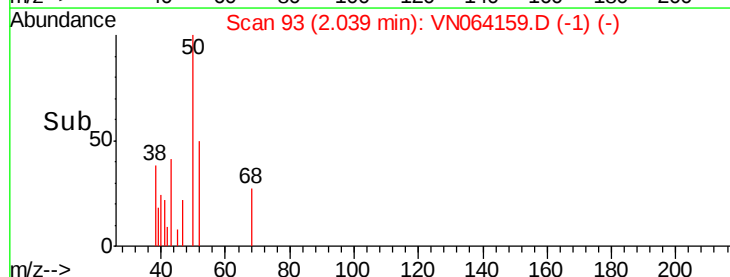
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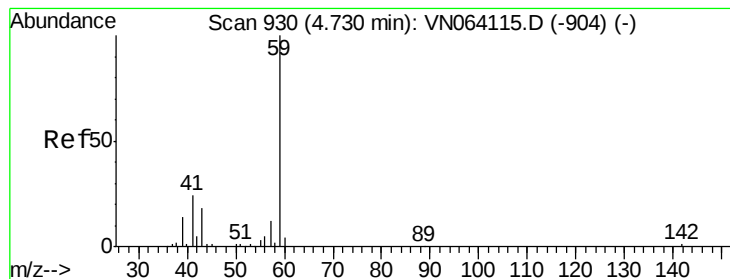
400

200

0

Time--> 2.00 2.05



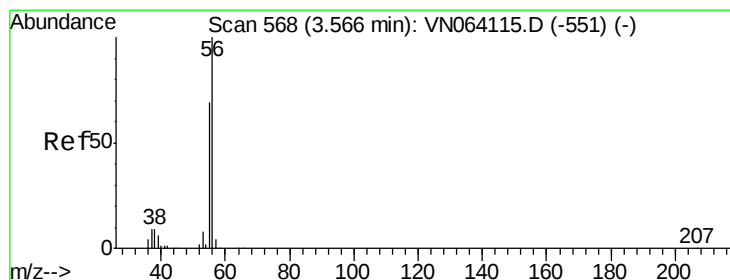
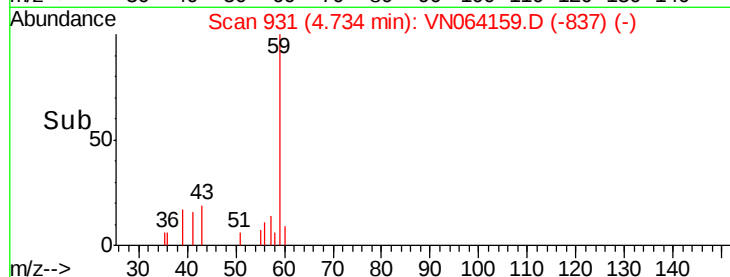
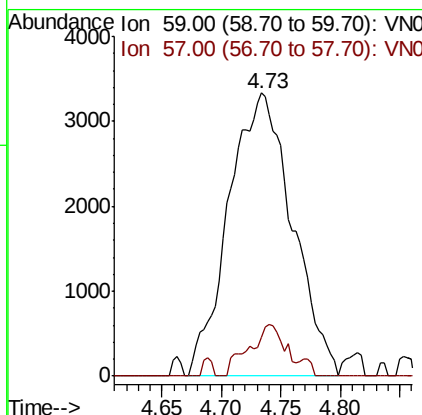
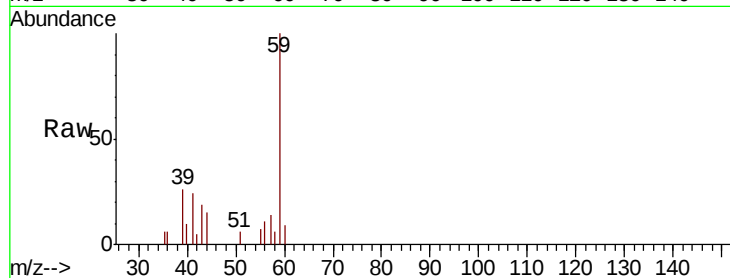


#11

Tert butyl alcohol
 Concen: 28.248 ug/l
 RT: 4.73 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: VN064159.D
 Acq: 15 Oct 2020 21:31

Instrument :
 MSVOA_N
 ClientSampled :
 98-02

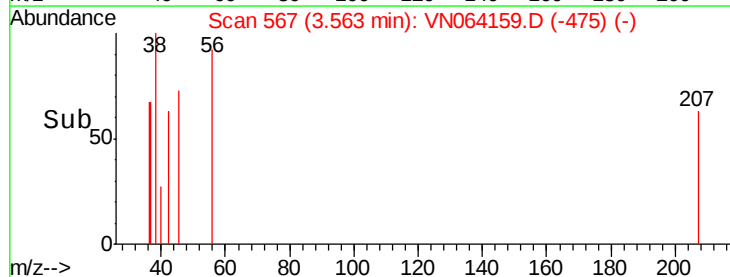
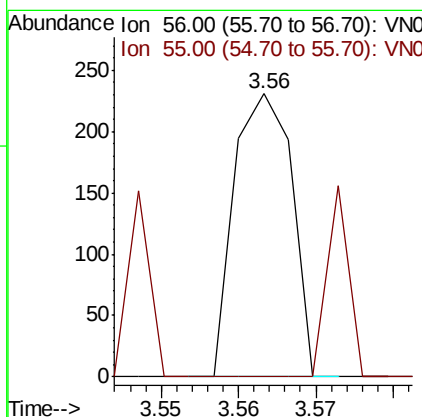
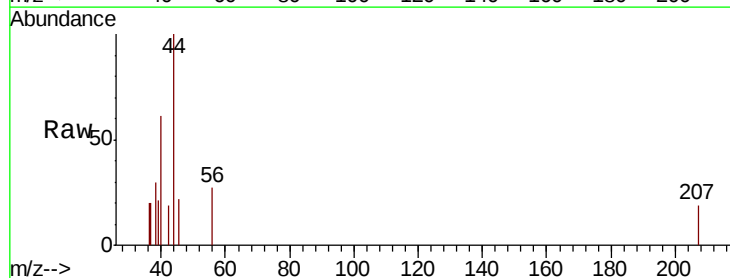
Tot Ion: 59 Resp: 12334
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.9 13.3

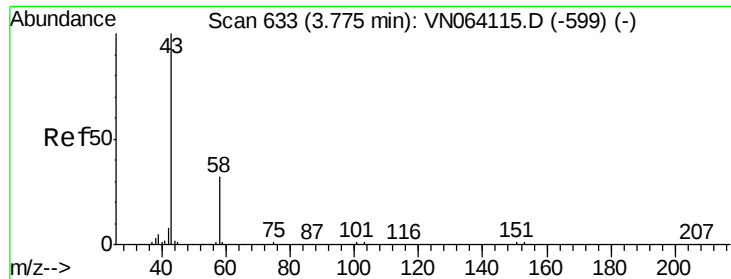


#13

Acrolein
 Concen: 0.335 ug/l
 RT: 3.56 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: VN064159.D
 Acq: 15 Oct 2020 21:31

Tgt Ion: 56 Resp: 120
 Ion Ratio Lower Upper
 56 100
 55 25.0 55.8 83.6#





#16

Acetone

Concen: 16.416 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064159.D

Acq: 15 Oct 2020 21:31

Instrument :

MSVOA_N

ClientSampled :

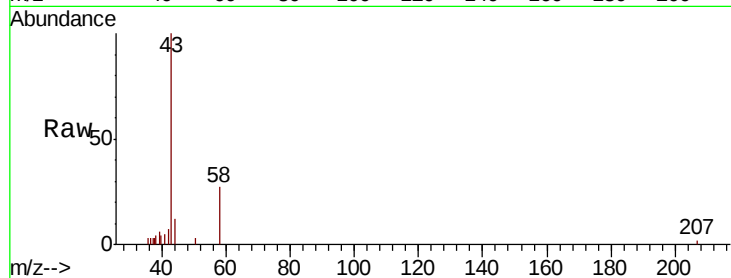
98-02

Tot Ion: 43 Resp: 19202

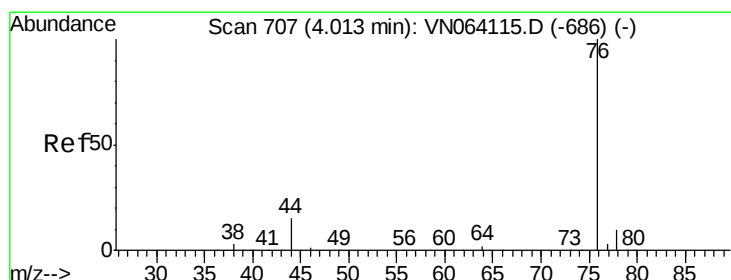
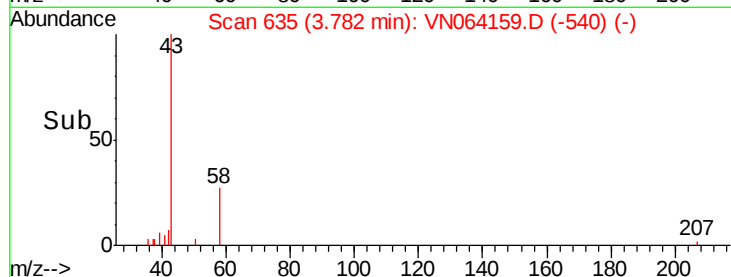
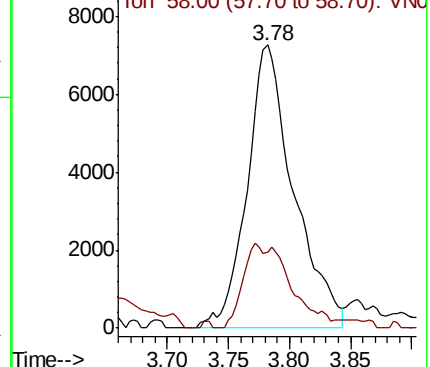
Ion Ratio Lower Upper

43 100

58 26.8 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN064115.D (-599) (-)



#17

Carbon Disulfide

Concen: 0.386 ug/l

RT: 4.02 min Scan# 709

Delta R.T. 0.01 min

Lab File: VN064159.D

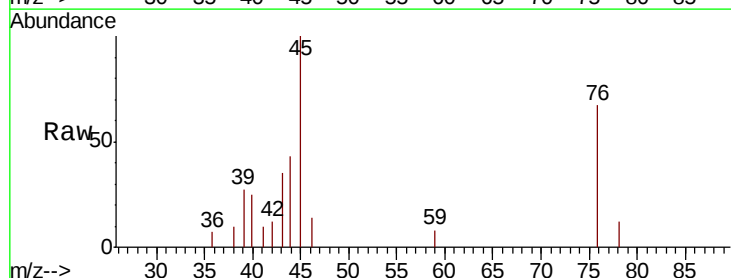
Acq: 15 Oct 2020 21:31

Tgt Ion: 76 Resp: 3044

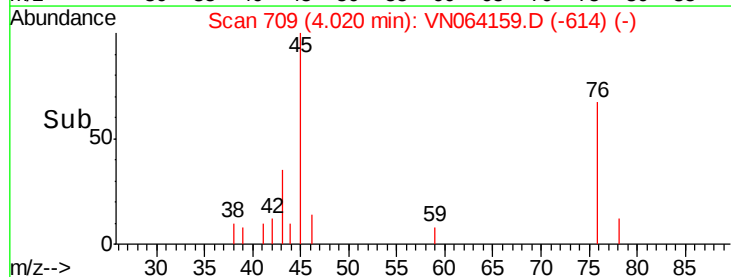
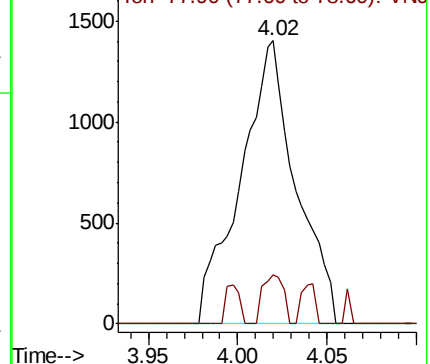
Ion Ratio Lower Upper

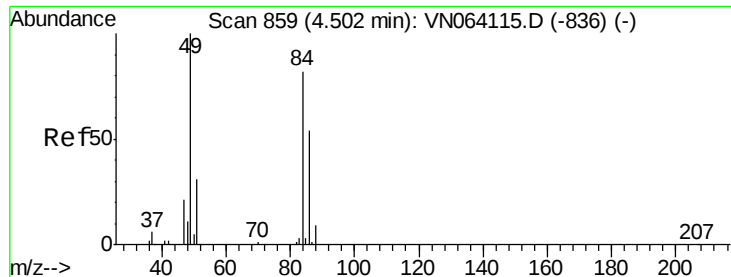
76 100

78 17.5 7.6 11.4#



Abundance Ion 75.90 (75.60 to 76.60): VN064115.D (-686) (-)

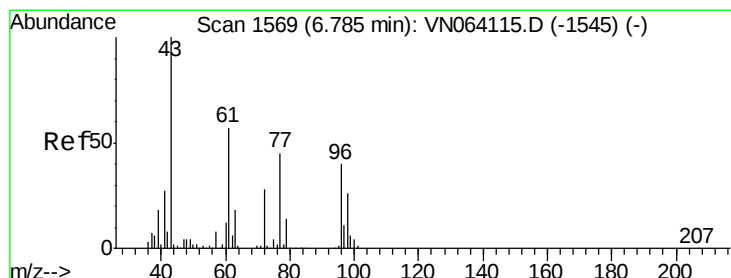
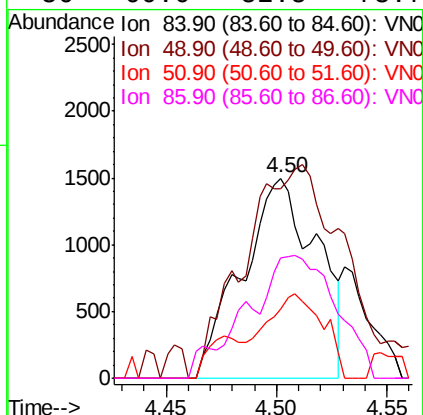
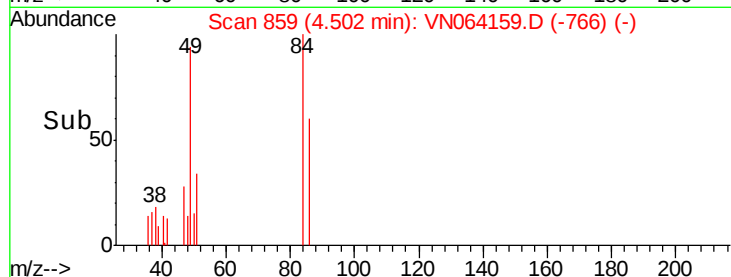
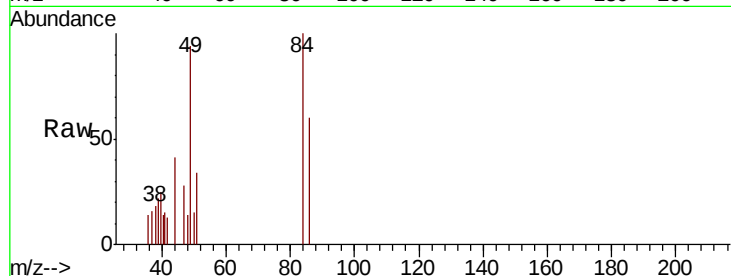




#20
Methvlene Chloride
Concen: 0.976 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064159.D
Acq: 15 Oct 2020 21:31

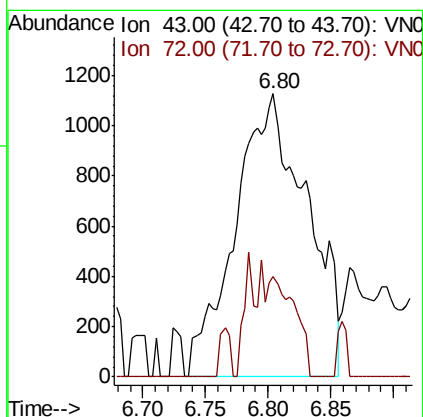
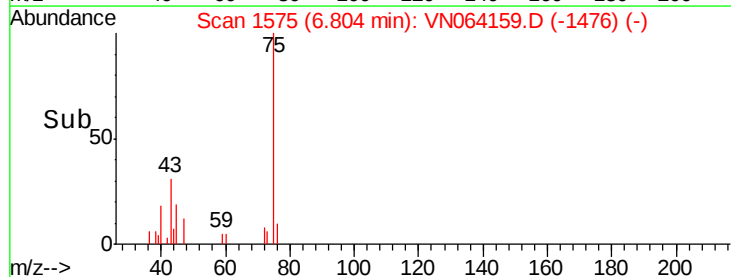
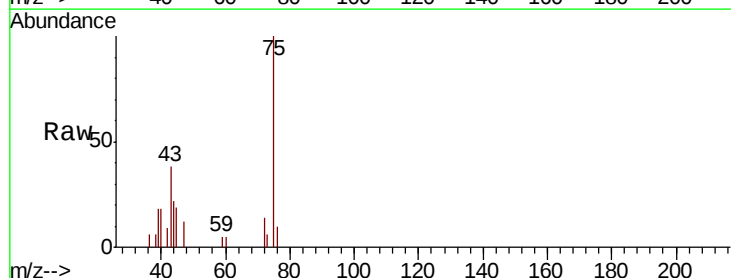
Instrument :
MSVOA_N
ClientSampleId :
98-02

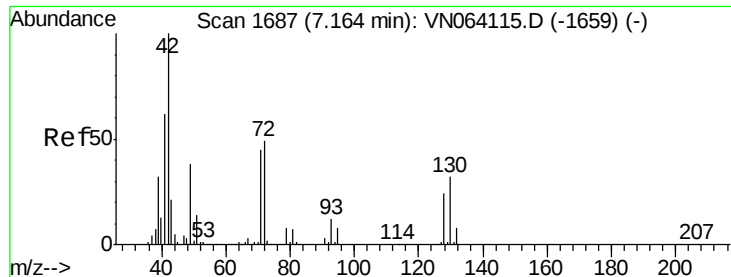
Tot Ion: 84 Resp: 3534
Ion Ratio Lower Upper
84 100
49 94.4 97.4 146.0#
51 34.5 29.7 44.5
86 60.0 52.5 78.7



#25
2-Butanone
Concen: 2.481 ug/l
RT: 6.80 min Scan# 1575
Delta R.T. 0.02 min
Lab File: VN064159.D
Acq: 15 Oct 2020 21:31

Tgt Ion: 43 Resp: 4464
Ion Ratio Lower Upper
43 100
72 35.4 22.2 33.2#

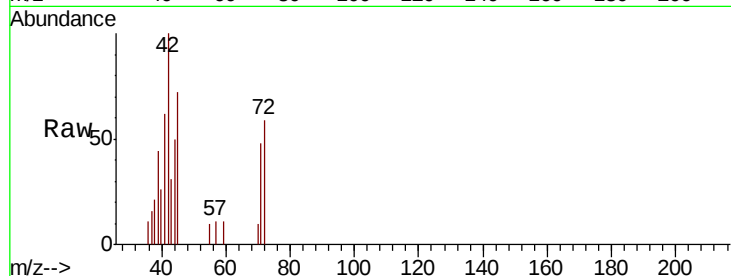




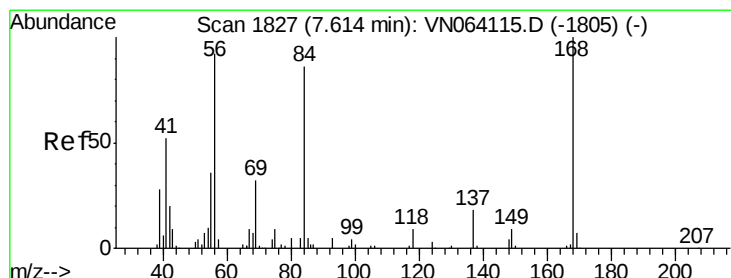
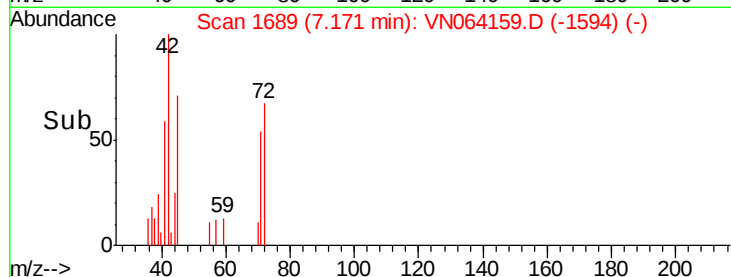
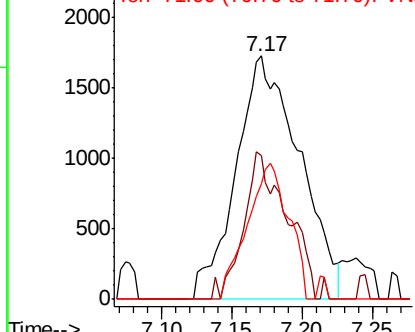
#29
Tetrahydrofuran
Concen: 5.167 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VN064159.D
Acq: 15 Oct 2020 21:31

Instrument :
MSVOA_N
ClientSampled :
98-02

Tot Ion: 42 Resp: 5433
Ion Ratio Lower Upper
42 100
72 41.1 37.8 56.6
71 36.5 35.3 52.9

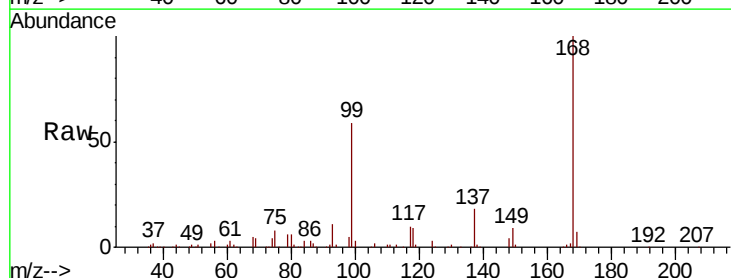


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

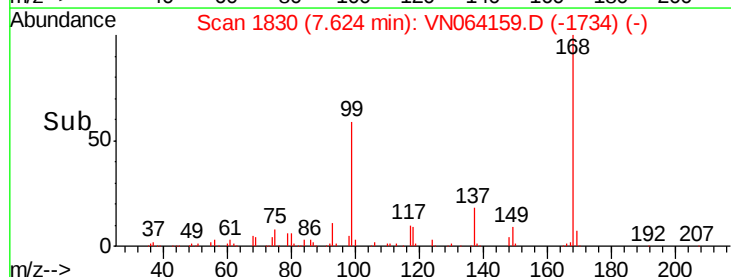
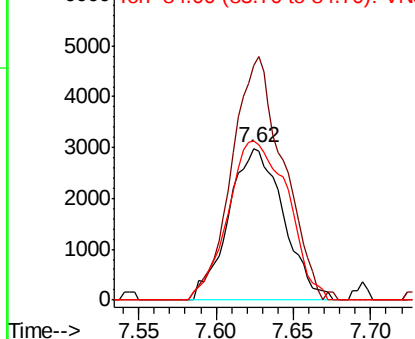


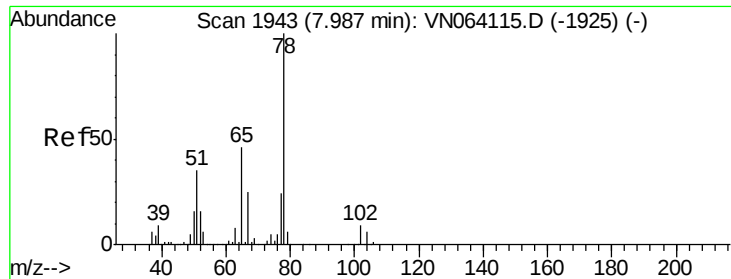
#31
Cyclohexane
Concen: 1.685 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN064159.D
Acq: 15 Oct 2020 21:31

Tgt Ion: 56 Resp: 7347
Ion Ratio Lower Upper
56 100
69 154.6 27.8 41.6#
84 104.9 73.2 109.8



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





#33

1,2-Dichloroethane-d4

Concen: 55.918 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064159.D

Acq: 15 Oct 2020 21:31

Instrument :

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ClientSampleId :

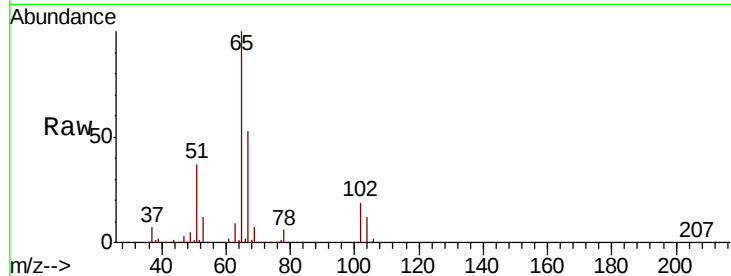
98-02

Tot Ion: 65 Resp: 220510

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VN064115.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN064115.D (-1925) (-)

7.99

100000

80000

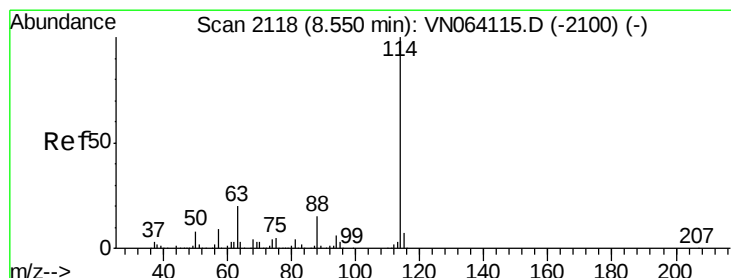
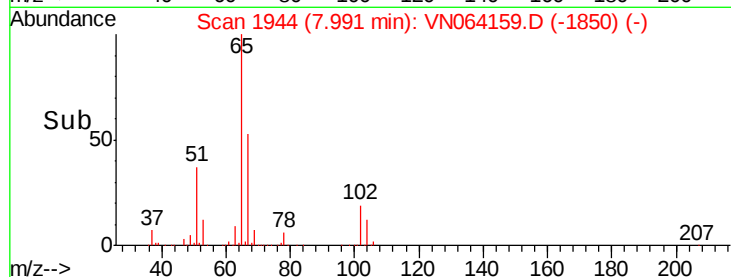
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064159.D

Acq: 15 Oct 2020 21:31

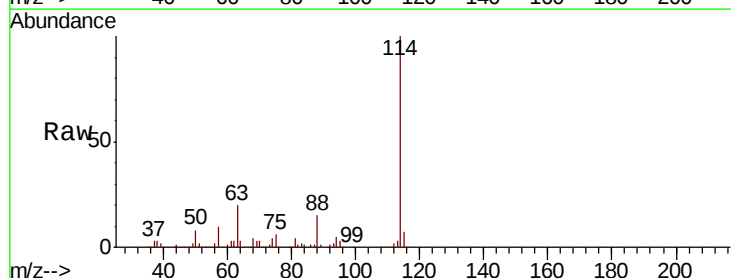
Tgt Ion: 114 Resp: 525773

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.0

88 15.4 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): VN064115.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN064115.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN064115.D (-2100) (-)

8.55

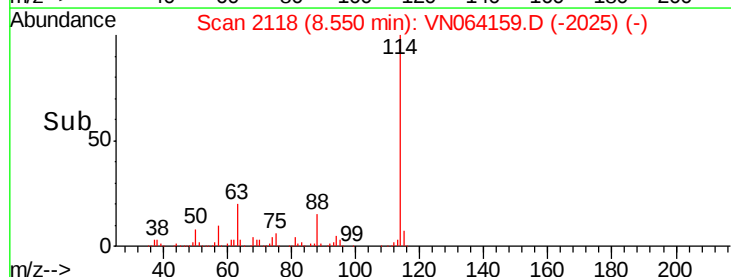
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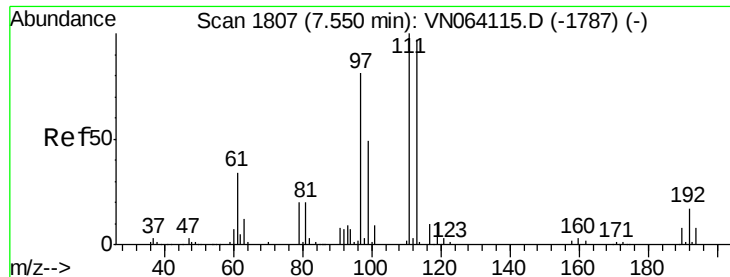
200000

100000

0

Time-->

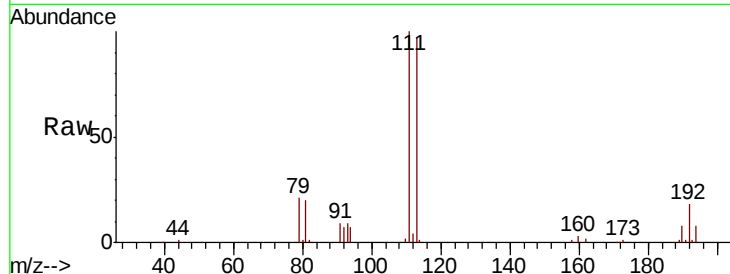




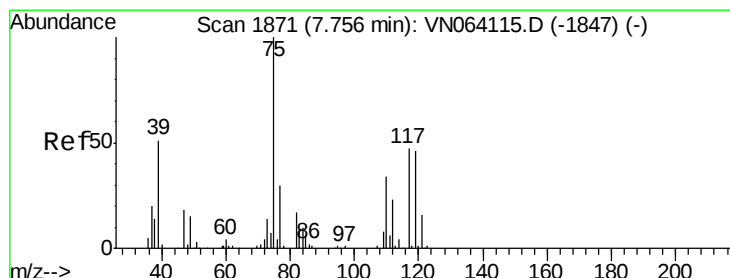
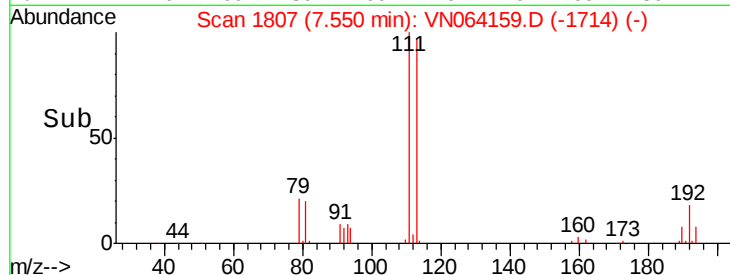
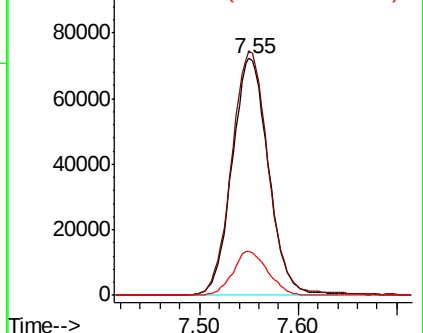
#35
 Dibromofluoromethane
 Concen: 50.610 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064159.D
 Acq: 15 Oct 2020 21:31

Instrument :
 MSVOA_N
 ClientSampleId :
 98-02

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.9	122.9
192	18.0	14.3	21.5

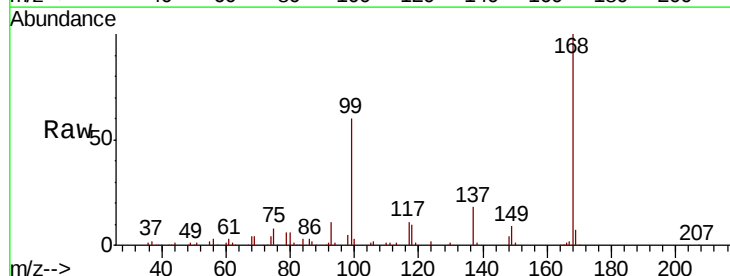


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

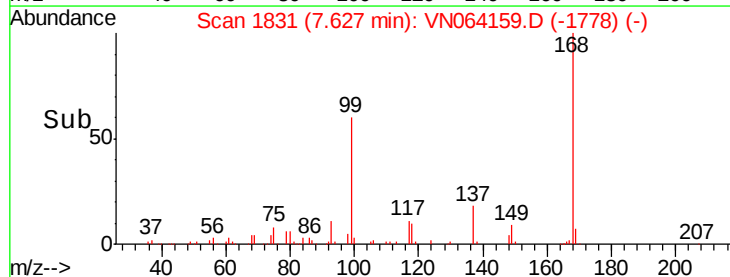
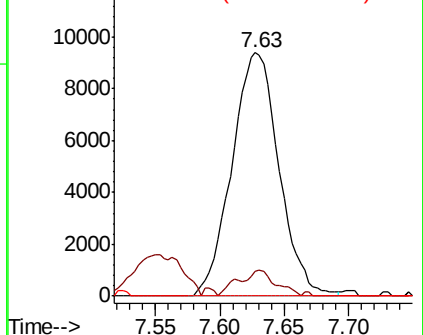


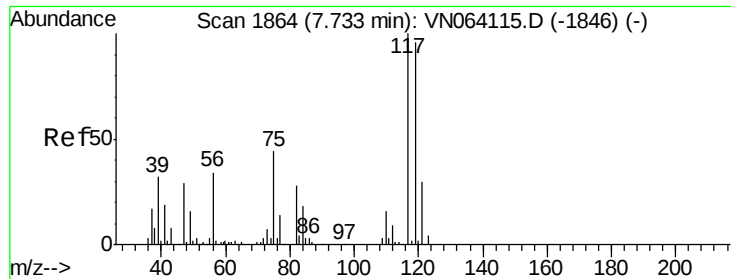
#36
 1,1-Dichloropropene
 Concen: 4.708 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN064159.D
 Acq: 15 Oct 2020 21:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.1	17.8	53.3#
77	0.0	24.9	37.3#



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

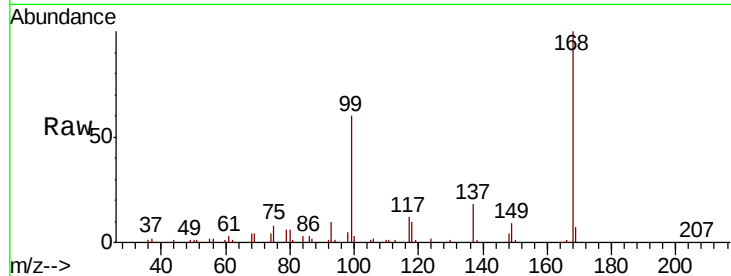




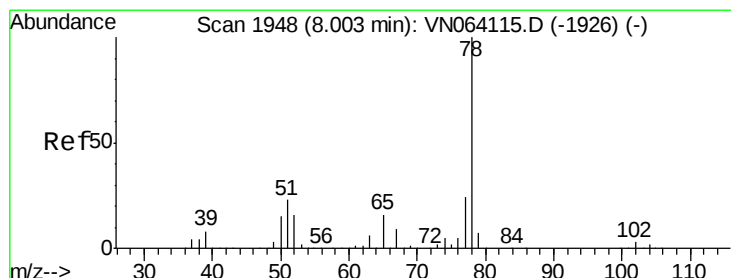
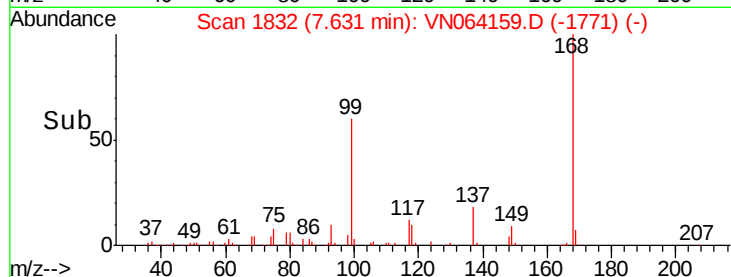
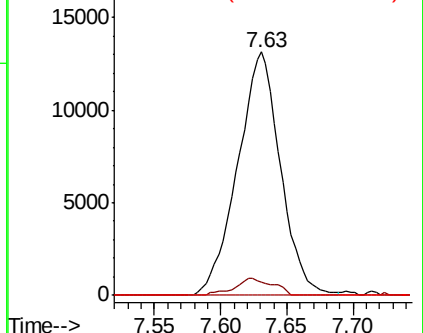
#38
Carbon Tetrachloride
Concen: 5.400 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. -0.10 min
Lab File: VN064159.D
Acq: 15 Oct 2020 21:31

Instrument :
MSVOA_N
ClientSampled :
98-02

Tot Ion:117 Resp: 29425
Ion Ratio Lower Upper
117 100
119 5.3 77.0 115.4#
121 0.0 24.2 36.4#

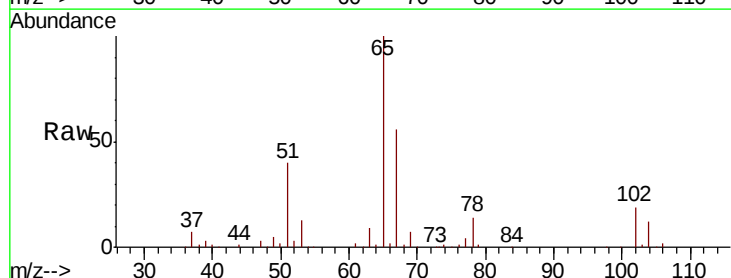


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

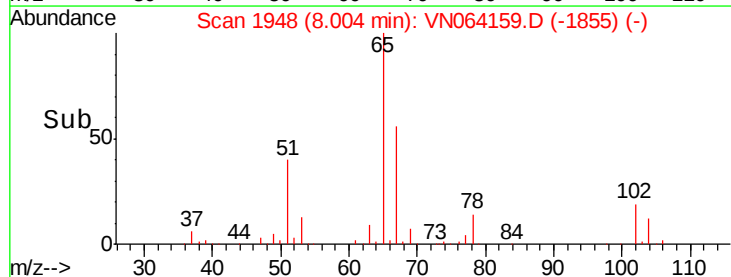
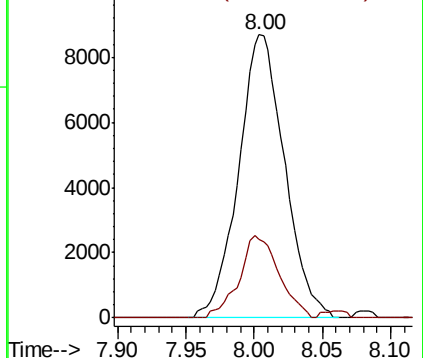


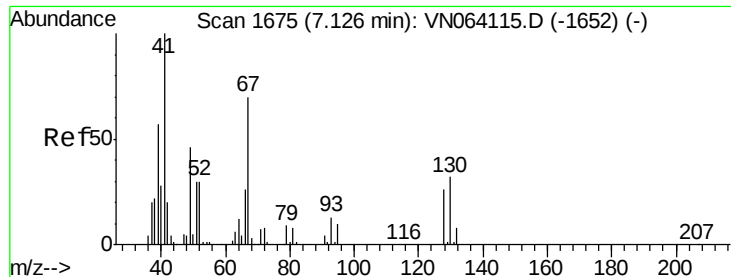
#40
Benzene
Concen: 1.323 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064159.D
Acq: 15 Oct 2020 21:31

Tgt Ion: 78 Resp: 20307
Ion Ratio Lower Upper
78 100
77 27.7 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): V
Ion 77.00 (76.70 to 77.70): V

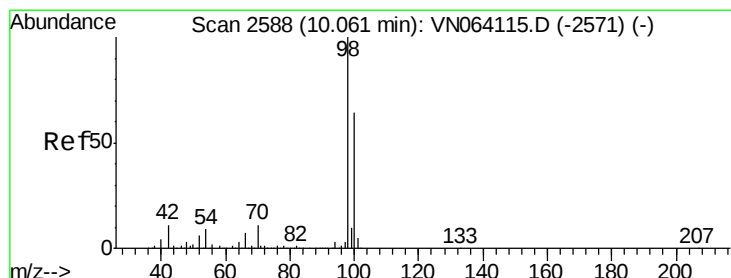
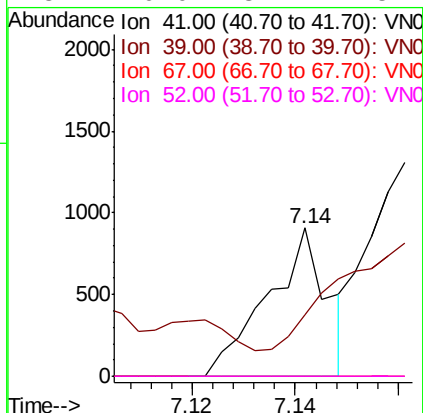
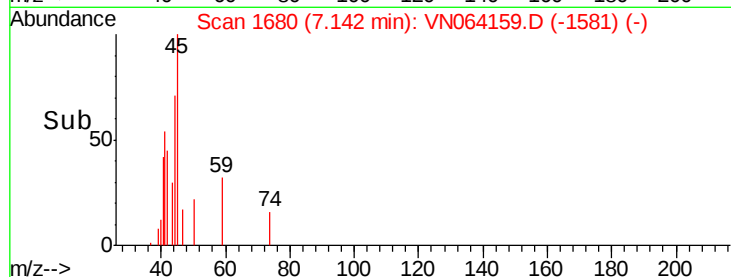
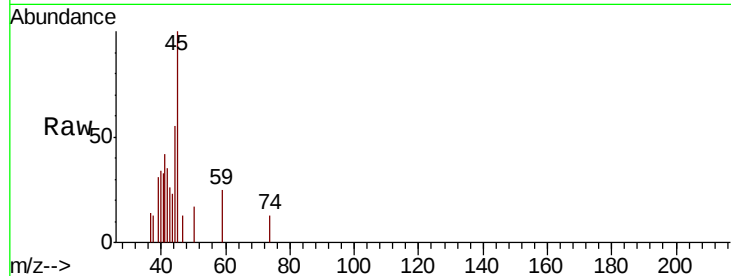




#41
Methacrylonitrile
Concen: 0.373 ug/l
RT: 7.14 min Scan# 1680
Delta R.T. 0.02 min
Lab File: VN064159.D
Acq: 15 Oct 2020 21:31

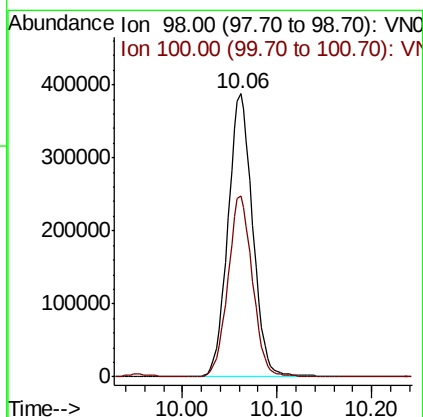
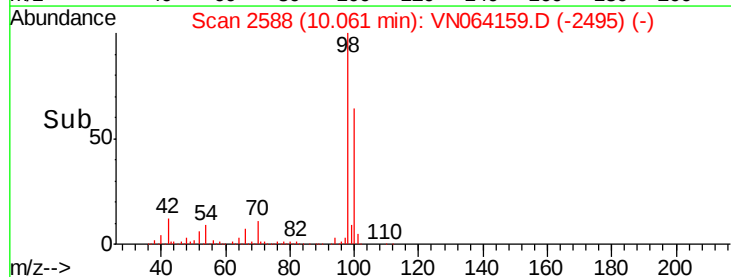
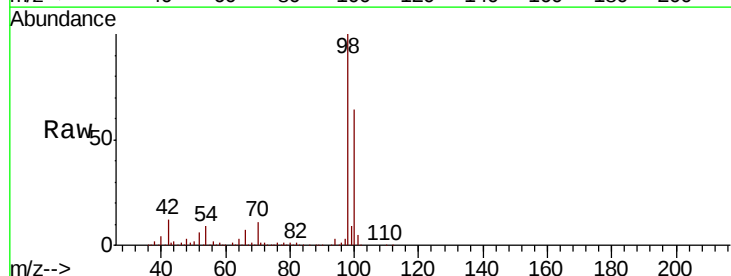
Instrument :
MSVOA_N
ClientSampled :
98-02

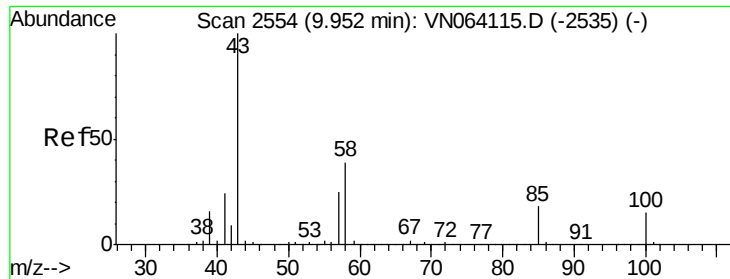
Tot Ion: 41 Resp: 726
Ion Ratio Lower Upper
41 100
39 0.0 50.7 76.1#
67 0.0 73.8 110.6#
52 0.0 32.2 48.4#



#50
Toluene-d8
Concen: 51.174 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064159.D
Acq: 15 Oct 2020 21:31

Tgt Ion: 98 Resp: 702667
Ion Ratio Lower Upper
98 100
100 63.4 50.8 76.2





#51

4-Methyl-2-Pentanone

Concen: 10.351 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN064159.D

Acq: 15 Oct 2020 21:31

Instrument :

MSVOA_N

ClientSampled :

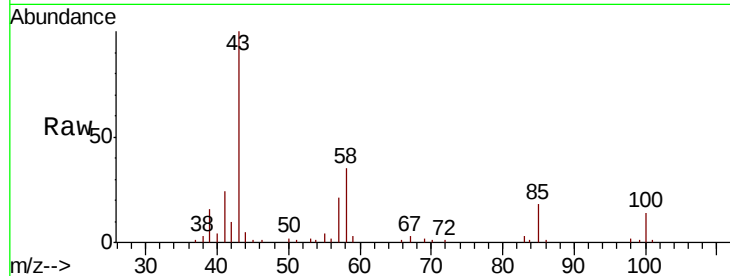
98-02

Tot Ion: 43 Resp: 45714

Ion Ratio Lower Upper

43 100

58 37.8 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VN064115.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN064115.D (-2535) (-)

25000

20000

15000

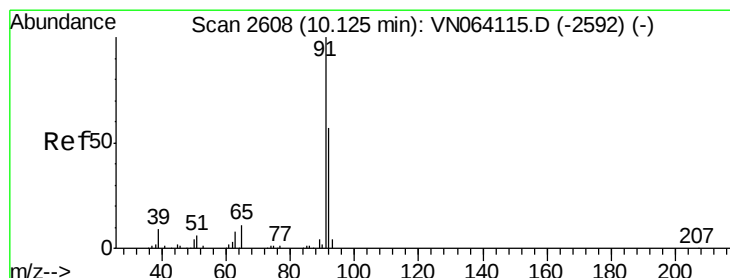
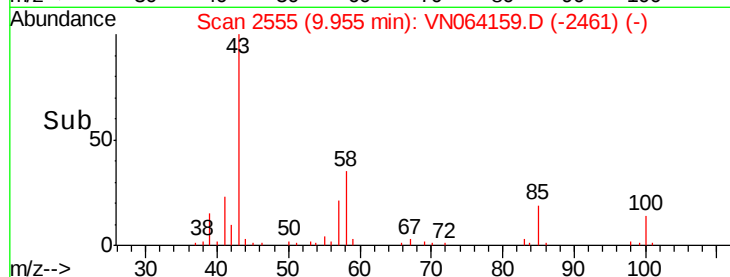
10000

5000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 3.706 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064159.D

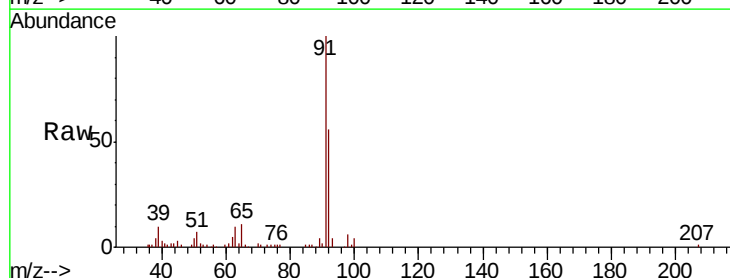
Acq: 15 Oct 2020 21:31

Tgt Ion: 92 Resp: 34942

Ion Ratio Lower Upper

92 100

91 176.4 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN064115.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064115.D (-2592) (-)

40000

30000

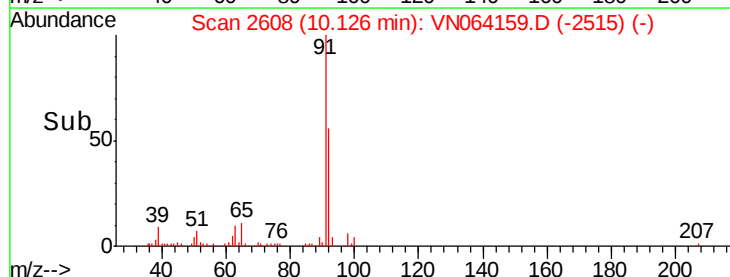
20000

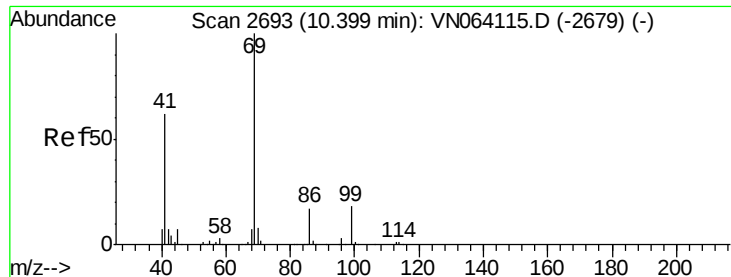
10000

0

10.05 10.10 10.15 10.20

Time-->





#56

Ethyl methacrylate

Concen: 3.392 ug/l

RT: 10.33 min Scan# 2671

Delta R.T. -0.07 min

Lab File: VN064159.D

Acq: 15 Oct 2020 21:31

Instrument :

MSVOA_N

ClientSampleId :

98-02

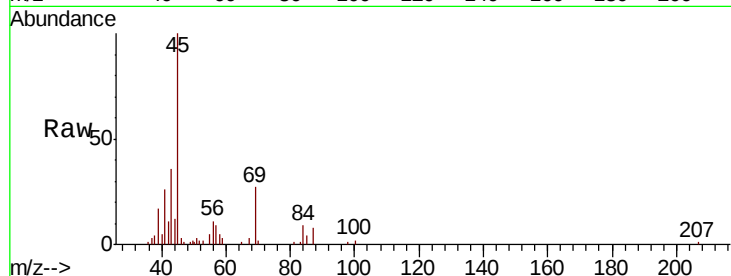
Tot Ion: 69 Resp: 6489

Ion Ratio Lower Upper

69 100

41 118.0 49.3 73.9#

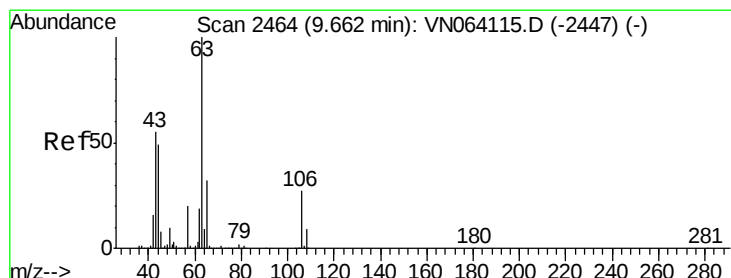
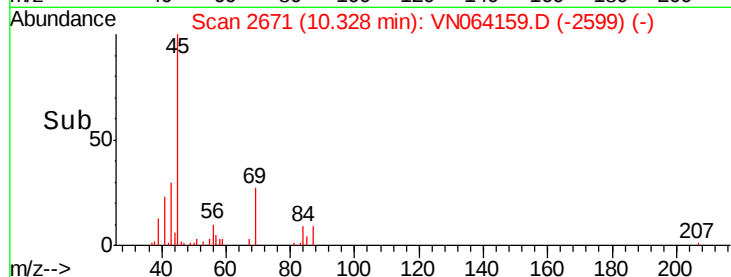
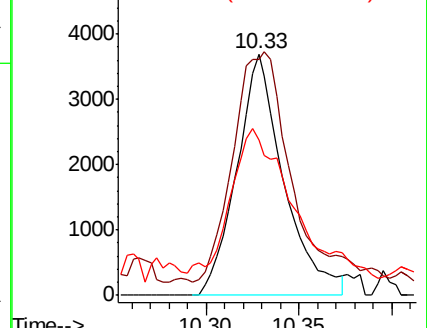
39 82.7 32.7 49.1#



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: 12.241 ug/l

RT: 9.79 min Scan# 2503

Delta R.T. 0.13 min

Lab File: VN064159.D

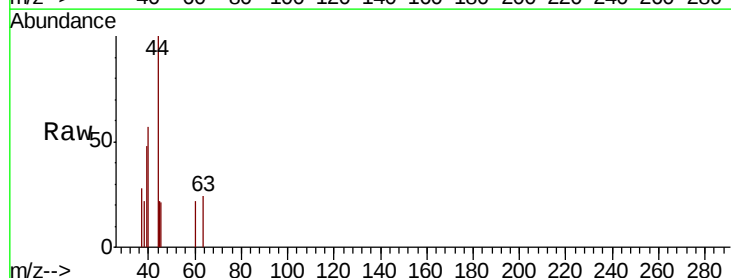
Acq: 15 Oct 2020 21:31

Tgt Ion: 63 Resp: 67

Ion Ratio Lower Upper

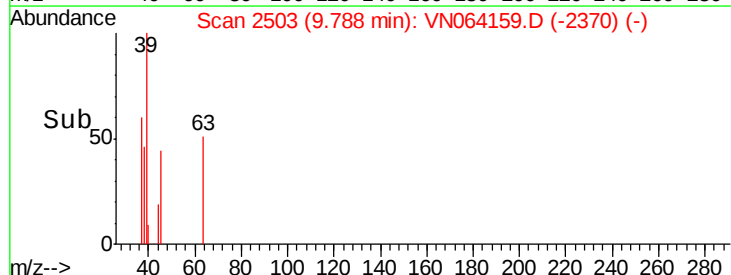
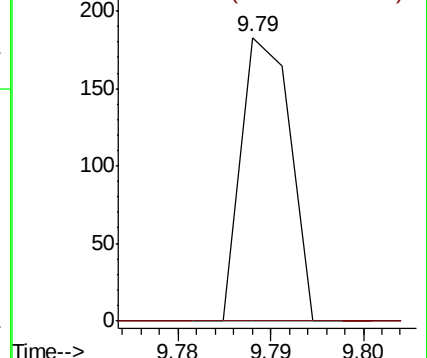
63 100

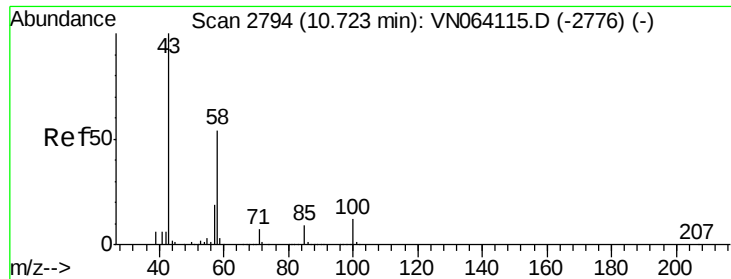
106 0.0 21.8 32.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

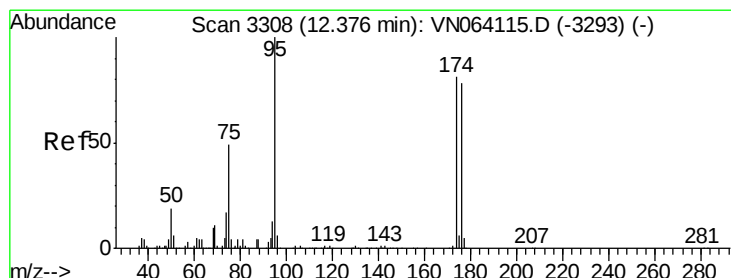
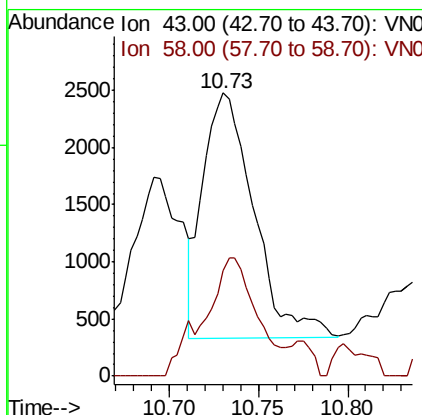
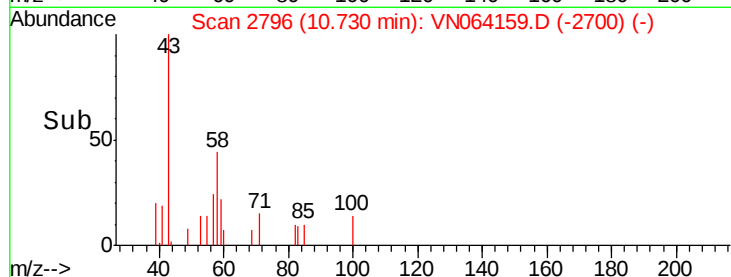
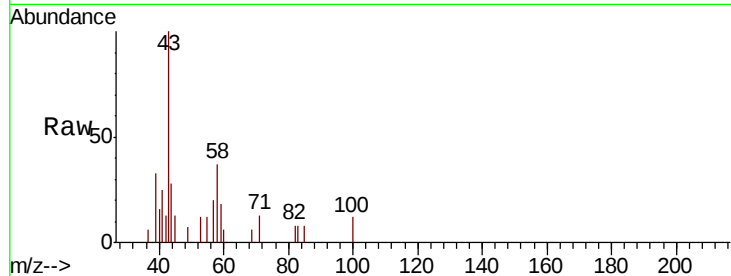




#59
2-Hexanone
Concen: 8.047 ug/l
RT: 10.73 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN064159.D
Acq: 15 Oct 2020 21:31

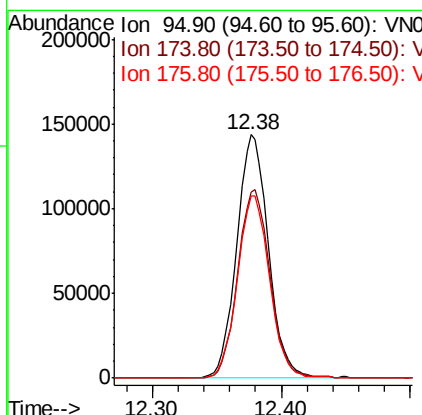
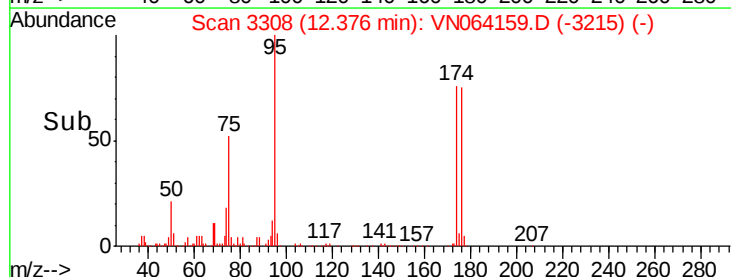
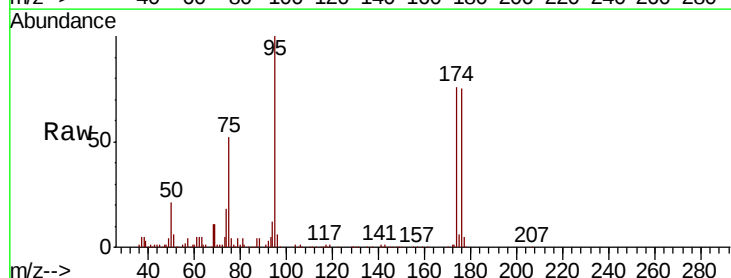
Instrument :
MSVOA_N
ClientSampled :
98-02

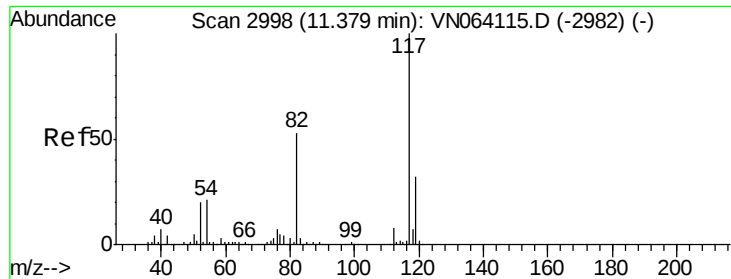
Tot Ion: 43 Resp: 4243
Ion Ratio Lower Upper
43 100
58 49.8 27.2 81.6



#62
4-Bromofluorobenzene
Concen: 52.001 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064159.D
Acq: 15 Oct 2020 21:31

Tgt Ion: 95 Resp: 245427
Ion Ratio Lower Upper
95 100
174 79.3 0.0 164.8
176 76.0 0.0 157.8

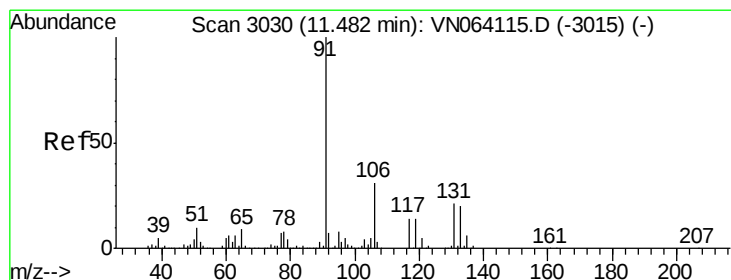
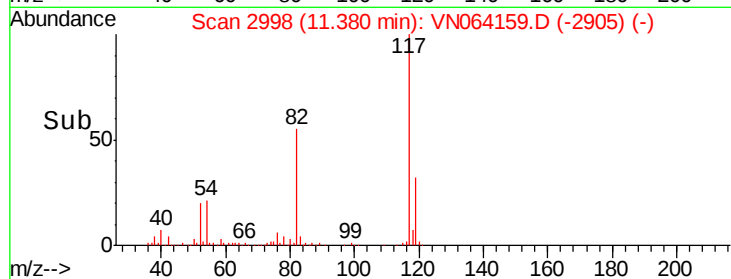
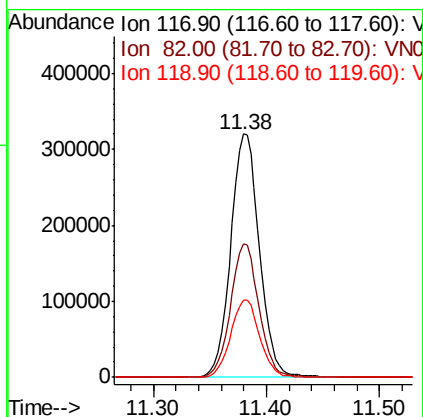
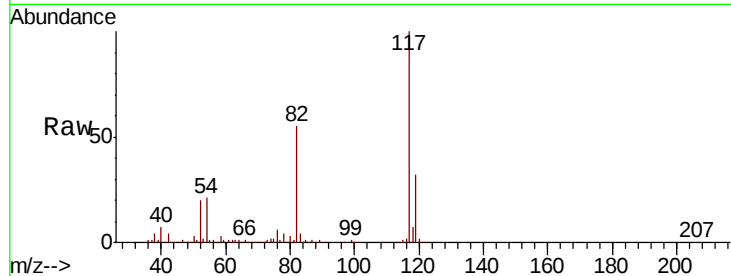




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064159.D
Acq: 15 Oct 2020 21:31

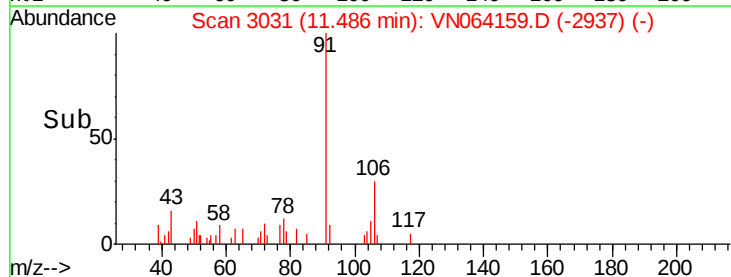
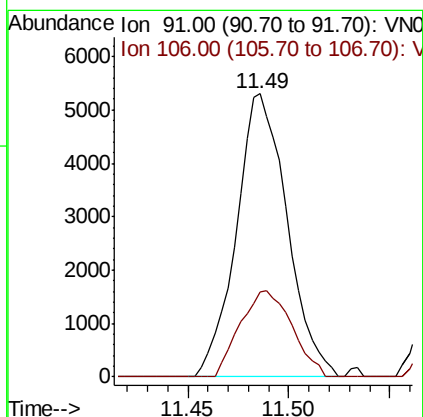
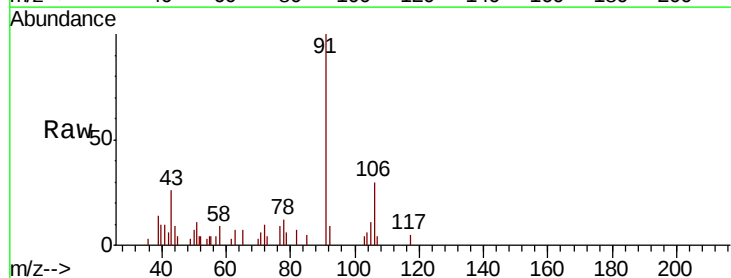
Instrument :
MSVOA_N
ClientSampled :
98-02

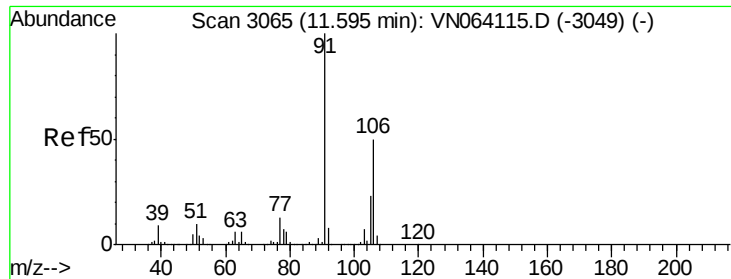
Tot Ion:117 Resp: 564253
Ion Ratio Lower Upper
117 100
82 55.0 42.6 63.8
119 31.6 25.5 38.3



#67
Ethyl Benzene
Concen: 0.469 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064159.D
Acq: 15 Oct 2020 21:31

Tgt Ion: 91 Resp: 9331
Ion Ratio Lower Upper
91 100
106 30.0 24.7 37.1





#68

m/p-Xylenes

Concen: 3.666 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN064159.D

Acq: 15 Oct 2020 21:31

Instrument :

MSVOA_N

ClientSampleId :

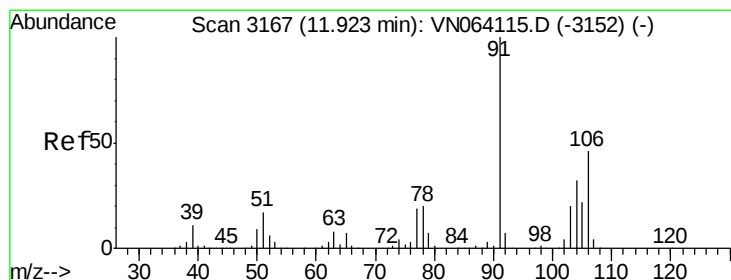
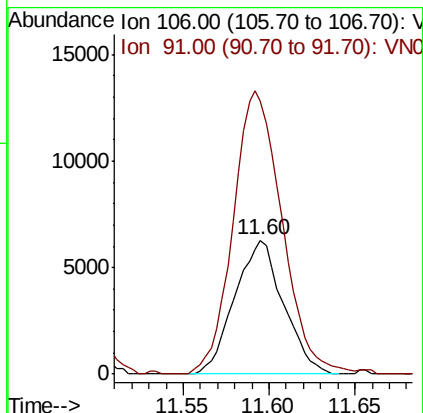
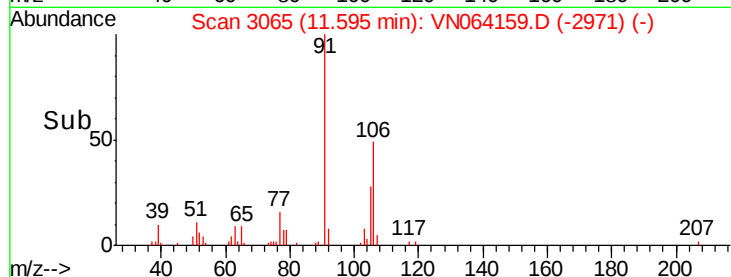
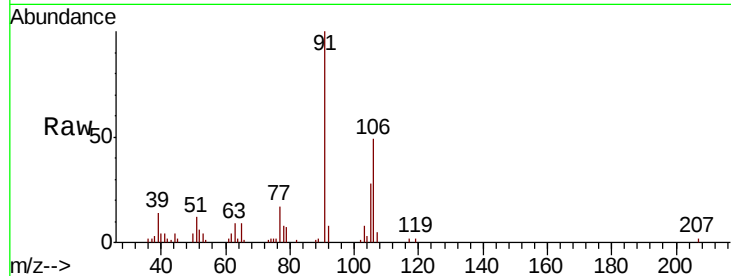
98-02

Tot Ion:106 Resp: 12368

Ion Ratio Lower Upper

106 100

91 212.7 162.1 243.1



#69

o-Xylene

Concen: 2.398 ug/l

RT: 11.92 min Scan# 3167

Delta R.T. 0.00 min

Lab File: VN064159.D

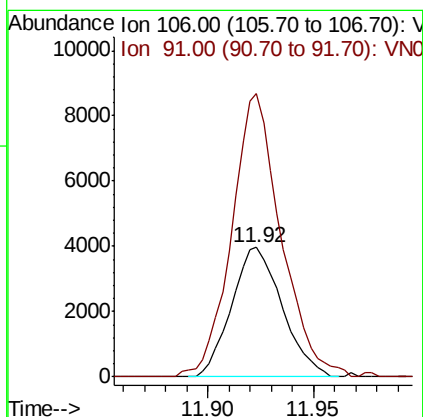
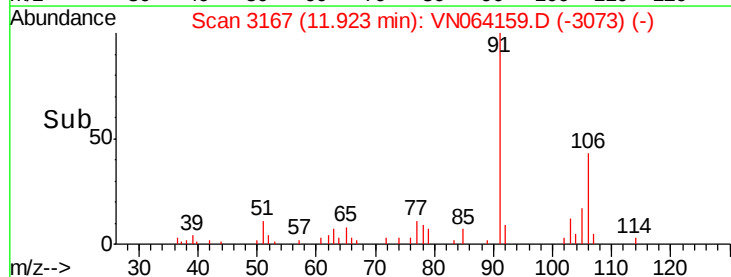
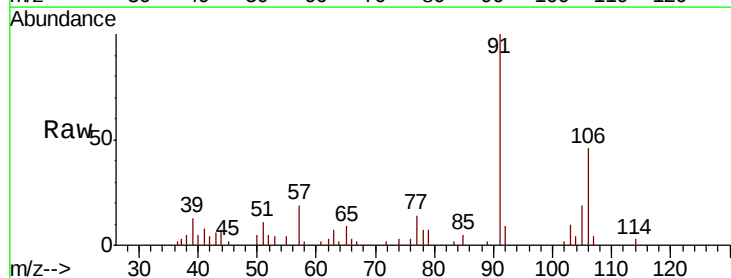
Acq: 15 Oct 2020 21:31

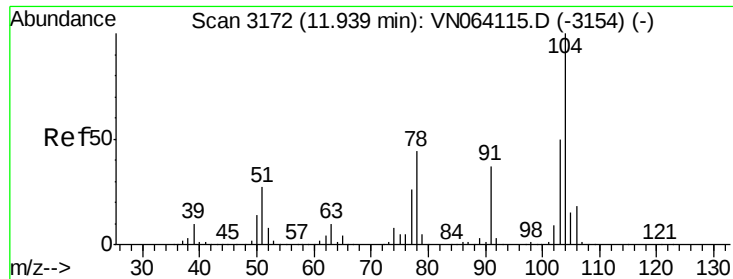
Tgt Ion:106 Resp: 6612

Ion Ratio Lower Upper

106 100

91 213.2 107.6 322.8





#70

Stvrene

Concen: 2.061 ug/l

RT: 11.92 min Scan# 3166

Delta R.T. -0.02 min

Lab File: VN064159.D

Acq: 15 Oct 2020 21:31

Instrument :

MSVOA_N

ClientSampled :

98-02

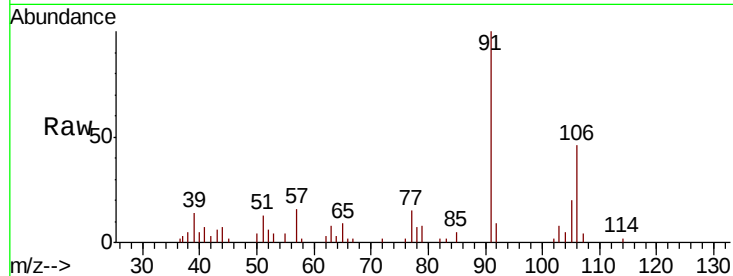
Tot Ion:104 Resp: 347

Ion Ratio Lower Upper

104 100

78 337.8 39.7 59.5#

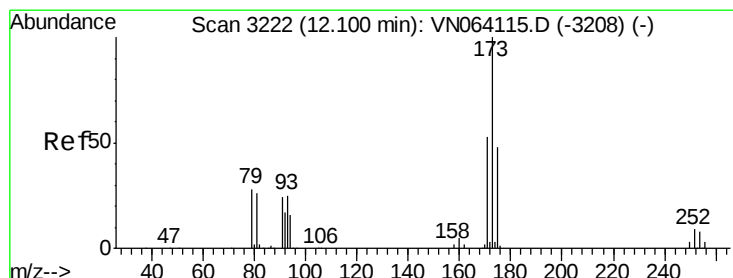
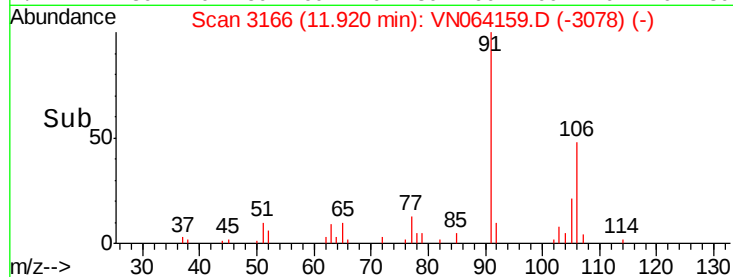
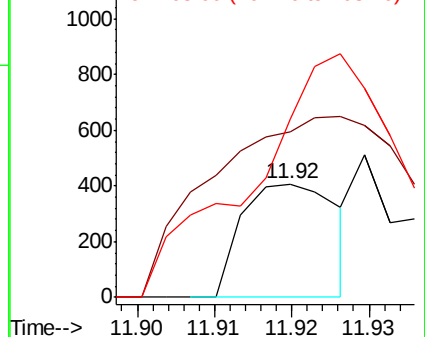
103 356.2 44.2 66.2#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 2.642 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.28 min

Lab File: VN064159.D

Acq: 15 Oct 2020 21:31

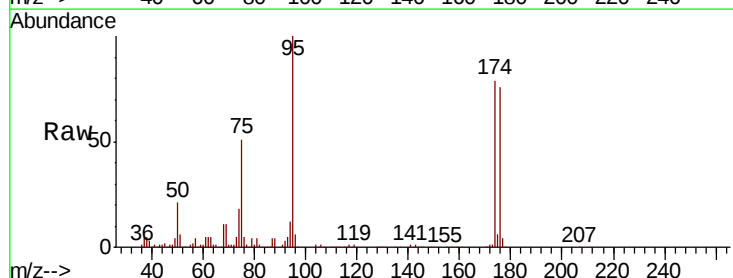
Tgt Ion:173 Resp: 1608

Ion Ratio Lower Upper

173 100

175 734.3 23.4 70.2#

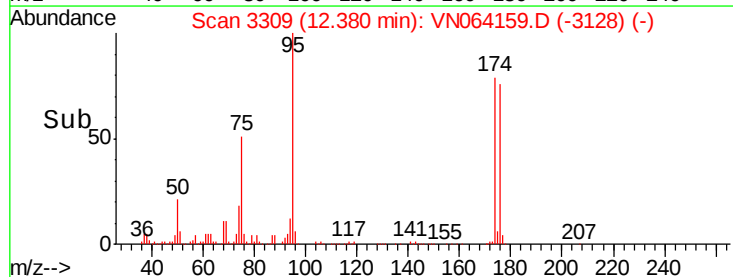
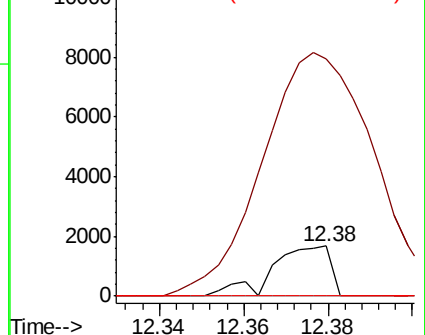
254 0.0 0.1 0.1#

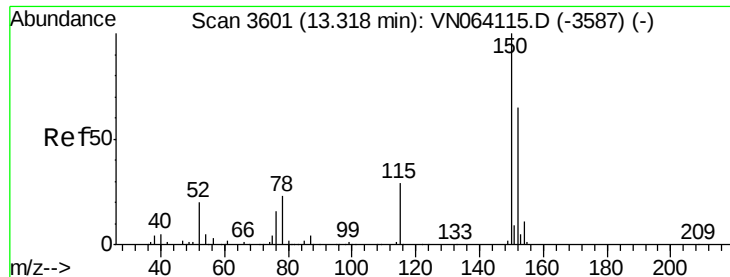


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064159.D

Acq: 15 Oct 2020 21:31

Instrument :

MSVOA_N

ClientSampleId :

98-02

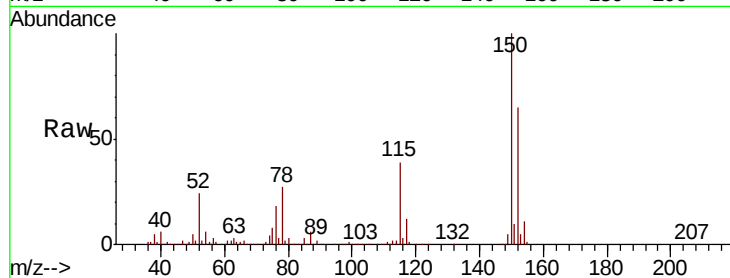
Tot Ion:152 Resp: 222783

Ion Ratio Lower Upper

152 100

115 61.1 29.3 87.8

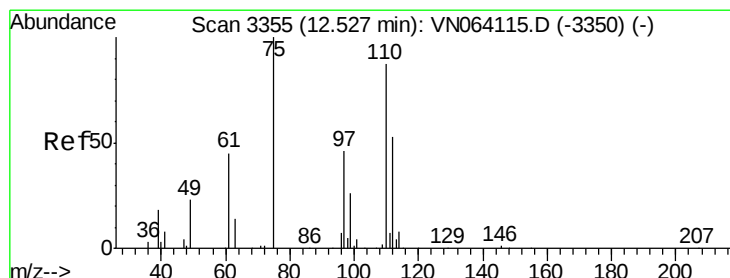
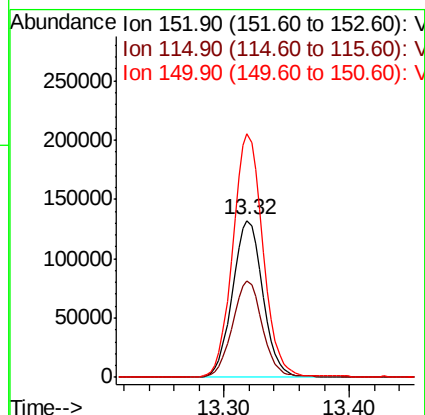
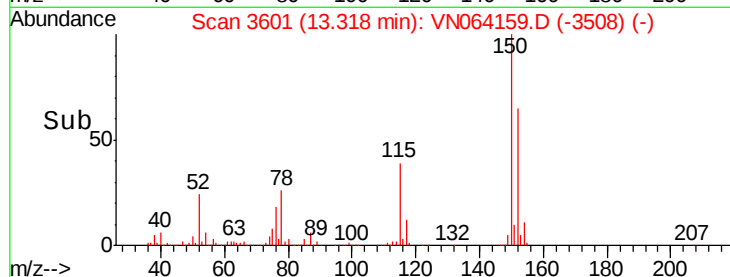
150 153.8 0.0 346.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 24.489 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064159.D

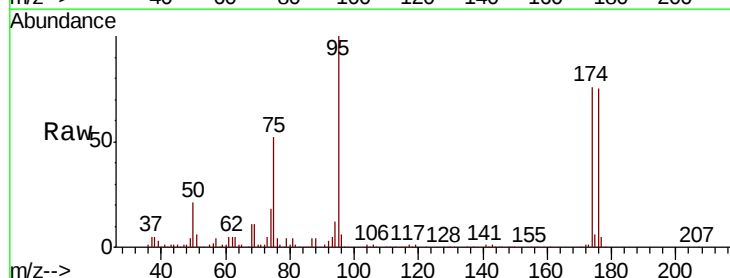
Acq: 15 Oct 2020 21:31

Tgt Ion: 75 Resp: 127994

Ion Ratio Lower Upper

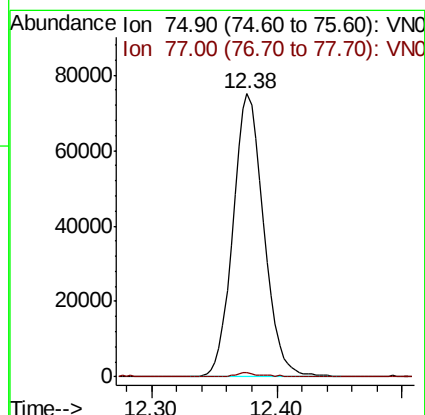
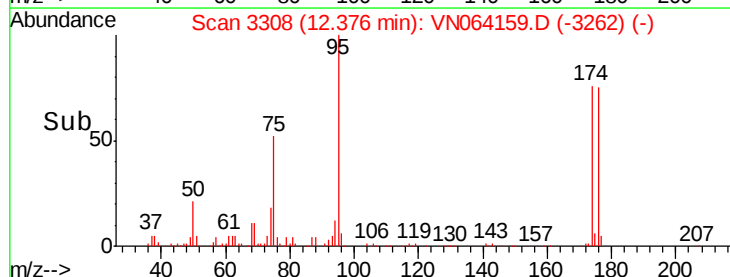
75 100

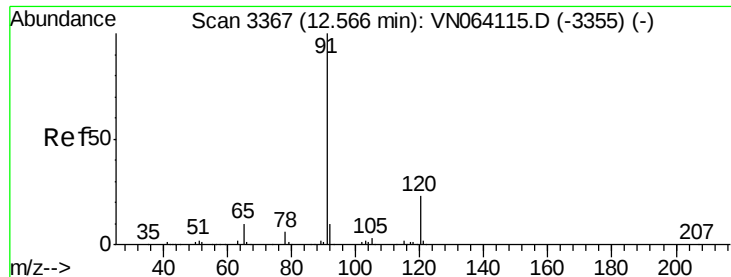
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#78

n-propylbenzene

Concen: 0.244 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064159.D

Acq: 15 Oct 2020 21:31

Instrument :

MSVOA_N

ClientSampled :

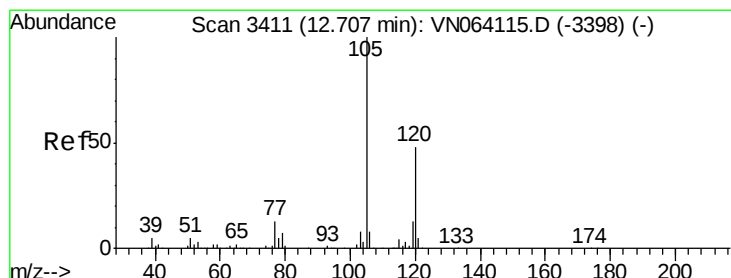
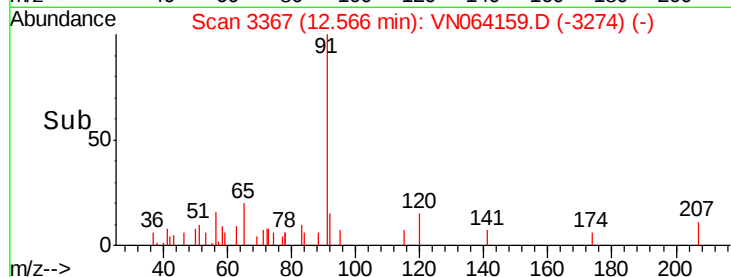
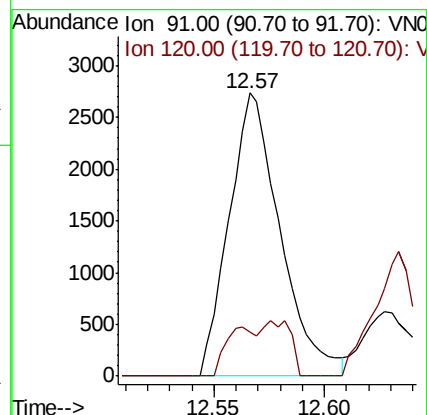
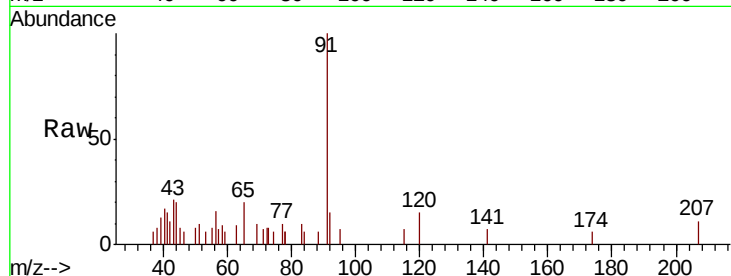
98-02

Tot Ion: 91 Resp: 4391

Ion Ratio Lower Upper

91 100

120 10.3 11.5 34.5#



#80

1,3,5-Trimethylbenzene

Concen: 0.241 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064159.D

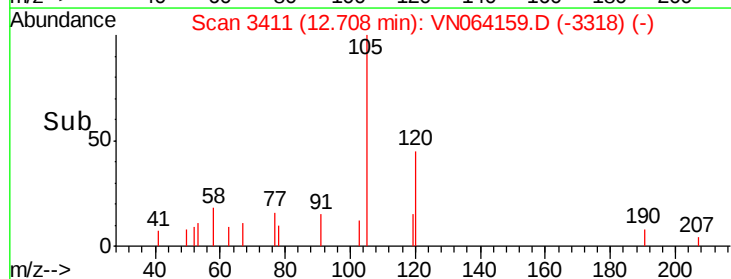
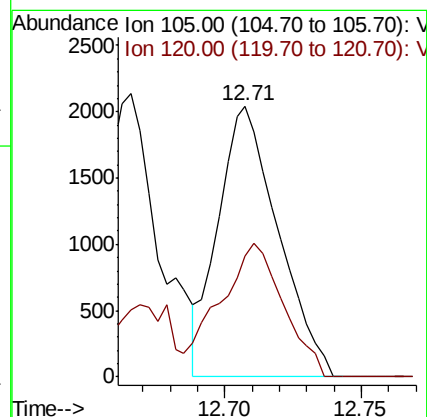
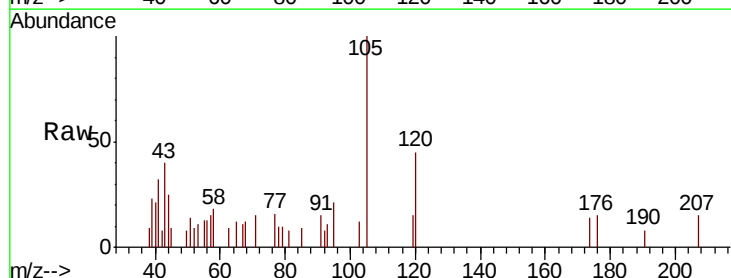
Acq: 15 Oct 2020 21:31

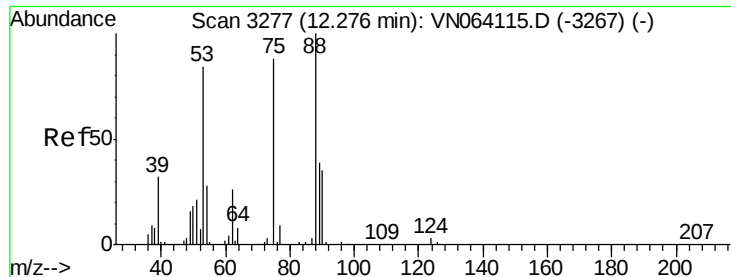
Tgt Ion: 105 Resp: 3123

Ion Ratio Lower Upper

105 100

120 52.1 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 74.818 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064159.D

Acq: 15 Oct 2020 21:31

Instrument :

MSVOA_N

ClientSampleId :

98-02

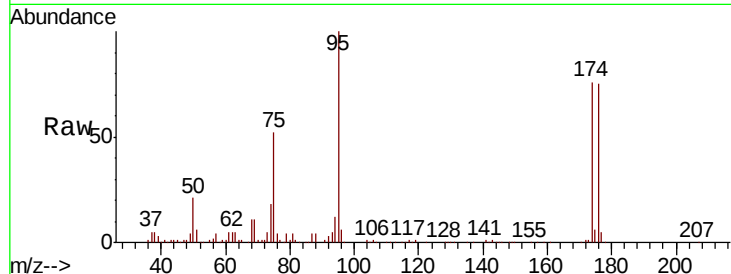
Tot Ion: 75 Resp: 127994

Ion Ratio Lower Upper

75 100

53 0.5 75.7 113.5#

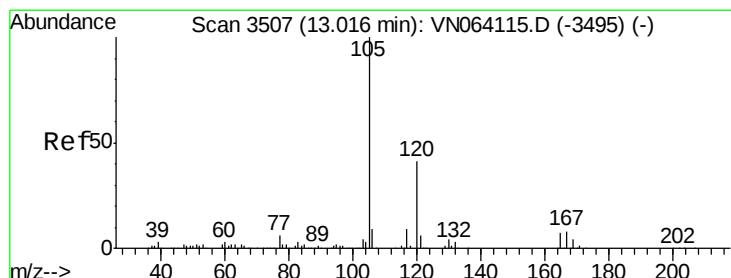
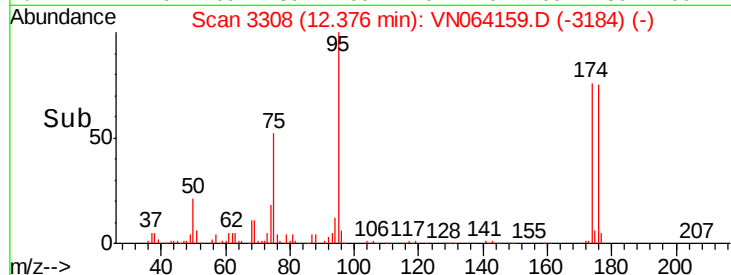
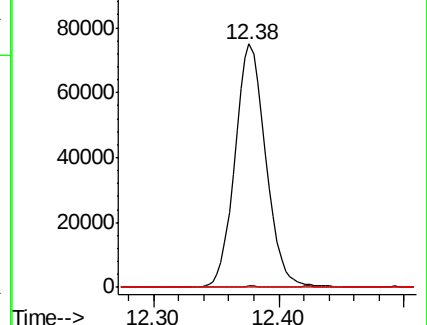
89 0.0 36.6 55.0#



Abundance Ion 74.90 (74.60 to 75.60): VN064115.D (-3267) (-)

Ion 53.00 (52.70 to 53.70): VN064115.D (-3267) (-)

Ion 88.90 (88.60 to 89.60): VN064115.D (-3267) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.867 ug/l

RT: 13.02 min Scan# 3508

Delta R.T. 0.00 min

Lab File: VN064159.D

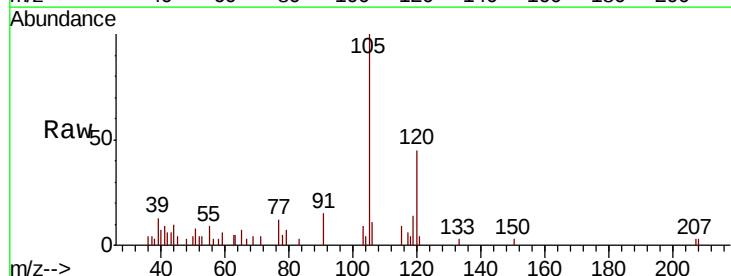
Acq: 15 Oct 2020 21:31

Tgt Ion: 105 Resp: 9248

Ion Ratio Lower Upper

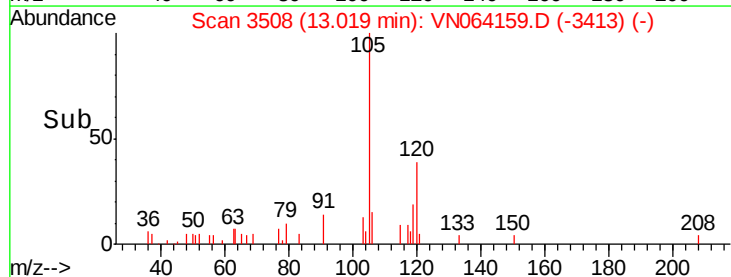
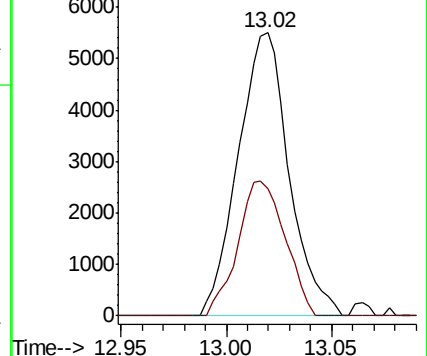
105 100

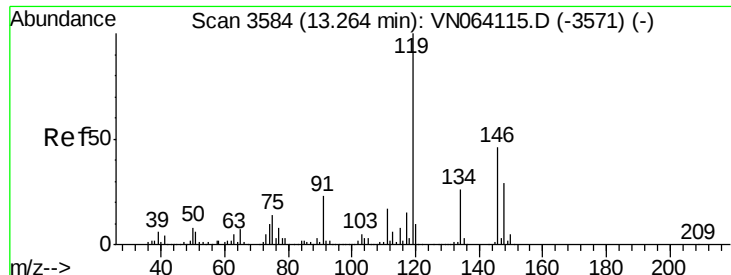
120 44.0 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): VN064115.D (-3495) (-)

Ion 120.00 (119.70 to 120.70): VN064115.D (-3495) (-)

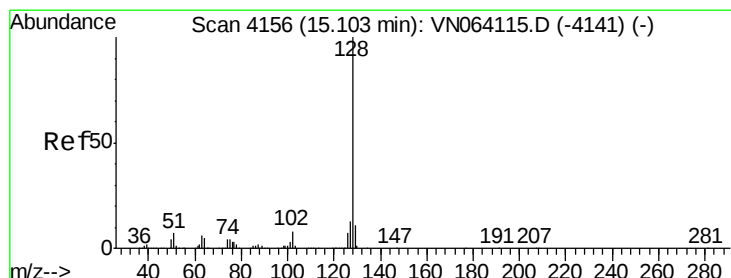
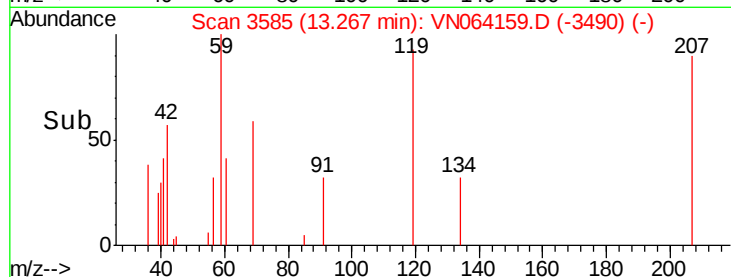
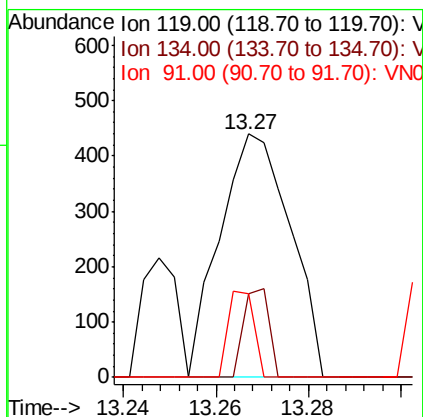
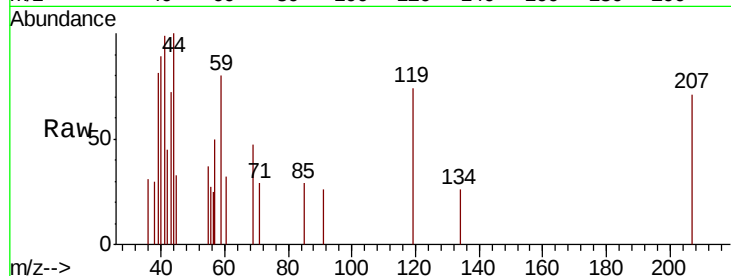




#86
p-Isopropyltoluene
Concen: 0.697 ug/l
RT: 13.27 min Scan# 3585
Delta R.T. 0.00 min
Lab File: VN064159.D
Acq: 15 Oct 2020 21:31

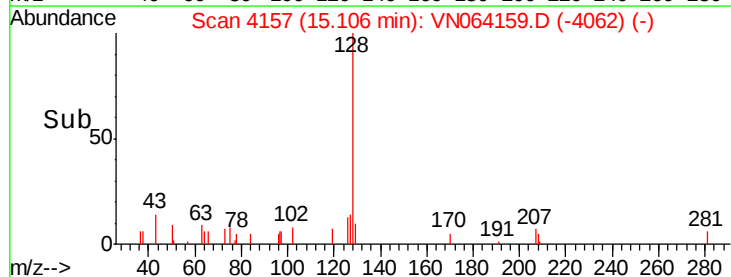
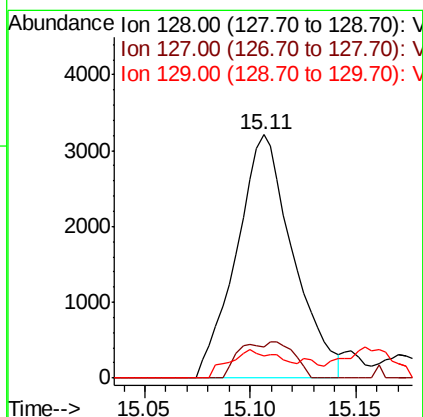
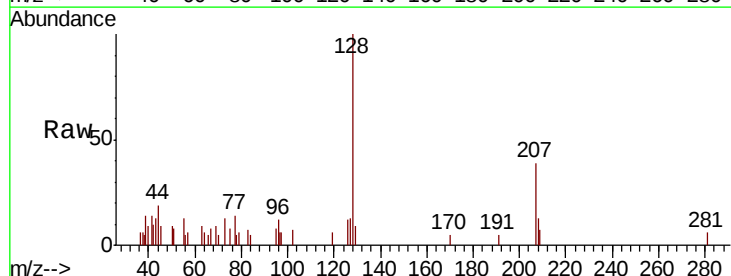
Instrument :
MSVOA_N
ClientSampleId :
98-02

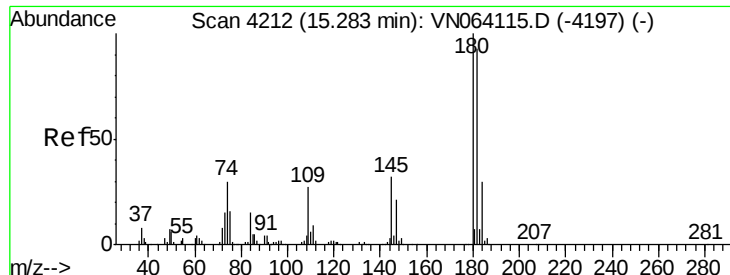
Tot Ion:119 Resp: 466
Ion Ratio Lower Upper
119 100
134 12.9 13.2 39.5#
91 12.7 12.0 36.1



#95
Naphthalene
Concen: 4.303 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN064159.D
Acq: 15 Oct 2020 21:31

Tgt Ion:128 Resp: 5965
Ion Ratio Lower Upper
128 100
127 7.1 10.2 15.4#
129 11.1 8.5 12.7

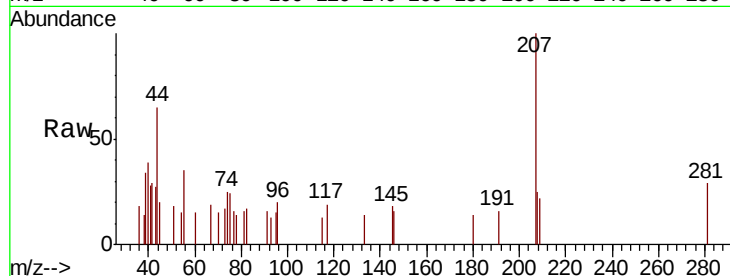




#96
 1,2,3-Trichlorobenzene
 Concen: 2.827 ug/l
 RT: 15.28 min Scan# 4211
 Delta R.T. -0.00 min
 Lab File: VN064159.D
 Acq: 15 Oct 2020 21:31

Instrument :
 MSVOA_N
 ClientSampleId :
 98-02

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	46.6	139.8#
145	492.2	16.1	48.2#



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

