

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101620\
 Data File : VN064186.D
 Acq On : 16 Oct 2020 23:52
 Operator : JC/MD
 Sample : L4227-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-01-101420

Quant Time: Oct 17 01:34:22 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	292933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	616254	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	646929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	222756	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	262976	63.03	ug/l	0.00
Spiked Amount			Recovery	=	126.06%	
35) Dibromofluoromethane	7.55	113	203800	47.78	ug/l	0.00
Spiked Amount			Recovery	=	95.56%	
50) Toluene-d8	10.06	98	809361	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	12.38	95	265230	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	

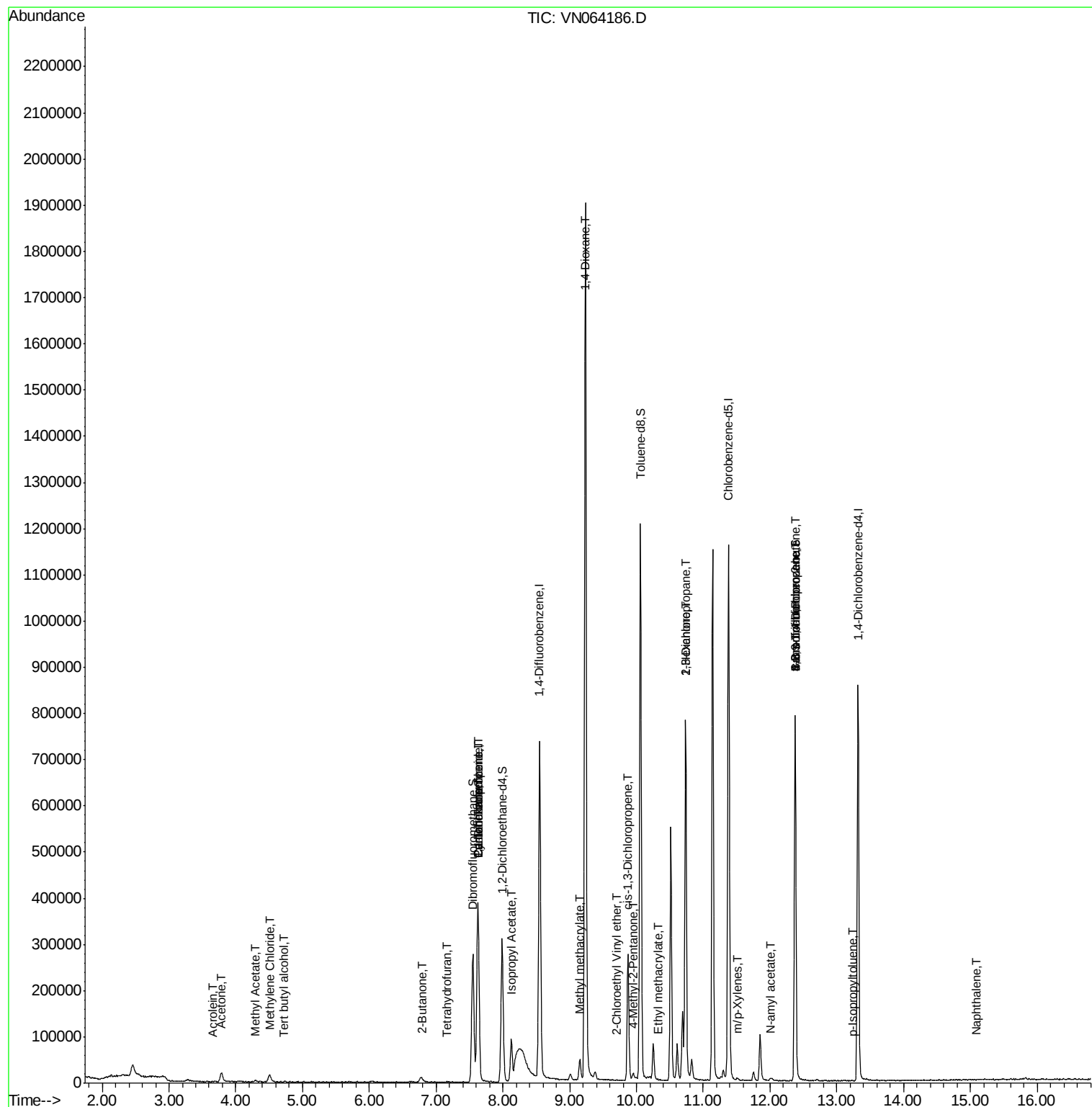
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.72	59	274	0.593	ug/l #	71
13) Acrolein	3.66	56	111	0.293	ug/l #	15
16) Acetone	3.78	43	34711	28.050	ug/l	98
18) Methyl Acetate	4.30	43	5948	1.916	ug/l #	77
20) Methylene Chloride	4.51	84	10775	2.814	ug/l #	92
25) 2-Butanone	6.79	43	1648	0.866	ug/l #	47
29) Tetrahydrofuran	7.15	42	376	0.338	ug/l #	44
31) Cyclohexane	7.63	56	7911	1.715	ug/l #	38
36) 1,1-Dichloropropene	7.63	75	27500	4.630	ug/l #	50
38) Carbon Tetrachloride	7.63	117	31794	4.978	ug/l #	18
43) Isopropyl Acetate	8.13	43	104629	11.961	ug/l #	88
48) Methyl methacrylate	9.14	41	6668	1.650	ug/l #	10
49) 1,4-Dioxane	9.24	88	371	6.047	ug/l #	1
51) 4-Methyl-2-Pentanone	9.96	43	8161	1.577	ug/l #	79
54) cis-1,3-Dichloropropene	9.87	75	45202	6.129	ug/l #	72
56) Ethyl methacrylate	10.32	69	320	2.345	ug/l #	26
57) 1,3-Dichloropropane	10.74	76	7849	1.041	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.69	63	35	12.229	ug/l #	48
59) 2-Hexanone	10.74	43	113986	34.548	ug/l #	52
68) m/p-Xylenes	11.50	106	30	2.195	ug/l #	1
71) Bromoform	12.38	173	1965	2.669	ug/l #	1
74) N-amyl acetate	12.02	43	2469	0.409	ug/l #	58
76) 1,2,3-Trichloropropane	12.38	75	143056	27.374	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	143056	83.632	ug/l #	12
86) p-Isopropyltoluene	13.25	119	30	0.664	ug/l #	50
95) Naphthalene	15.10	128	368	3.828	ug/l #	70

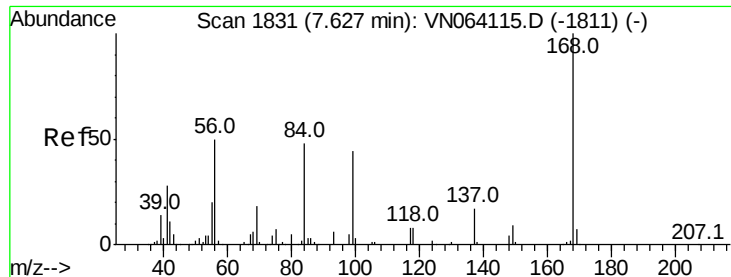
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 15 01:16:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064186.D

Acq: 16 Oct 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

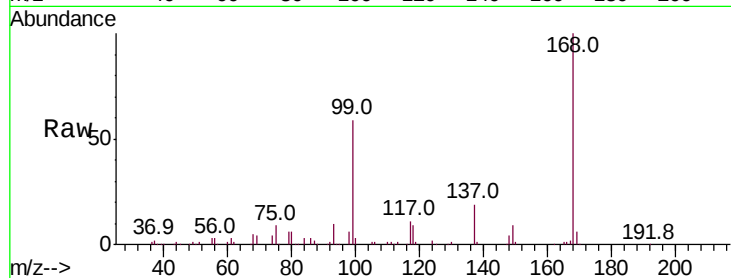
BU-01-101420

Tot Ion:168 Resp: 292933

Ion Ratio Lower Upper

168 100

99 59.1 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) (-)

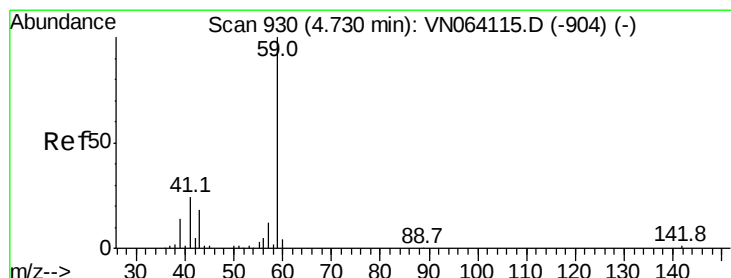
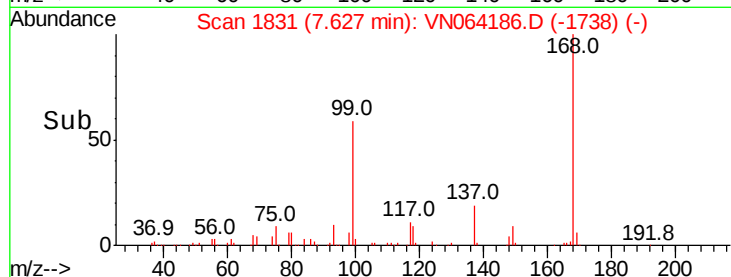
7.63

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.593 ug/l

RT: 4.72 min Scan# 928

Delta R.T. -0.01 min

Lab File: VN064186.D

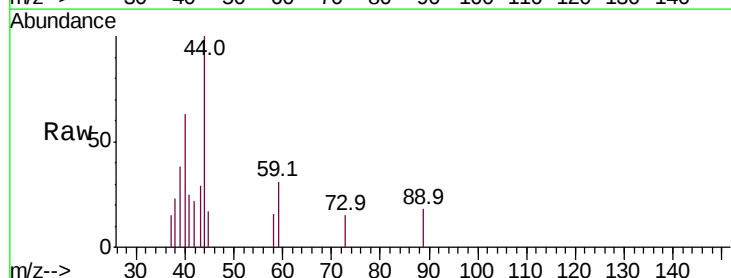
Acq: 16 Oct 2020 23:52

Tgt Ion: 59 Resp: 274

Ion Ratio Lower Upper

59 100

57 0.0 8.9 13.3#



Abundance Ion 59.00 (58.70 to 59.70): VN064115.D (-904) (-)

Ion 57.00 (56.70 to 57.70): VN064115.D (-904) (-)

4.72

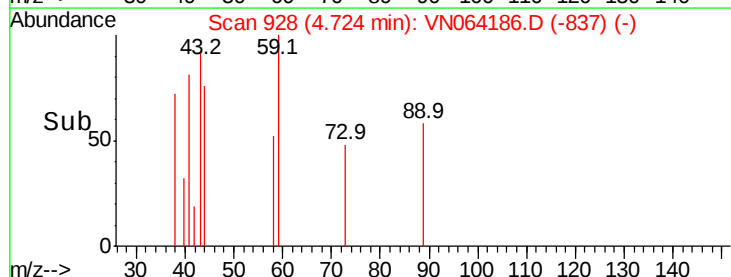
300

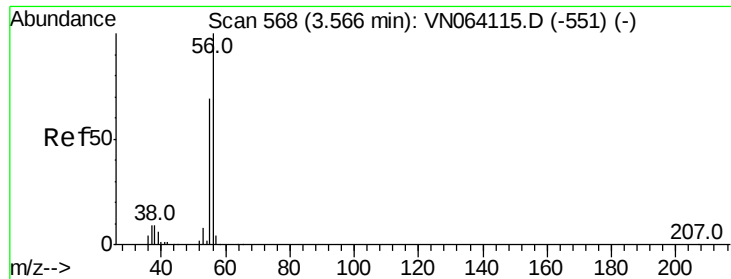
200

100

0

Time-->





#13

Acrolein

Concen: 0.293 ug/l

RT: 3.66 min Scan# 596

Delta R.T. 0.09 min

Lab File: VN064186.D

Acq: 16 Oct 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

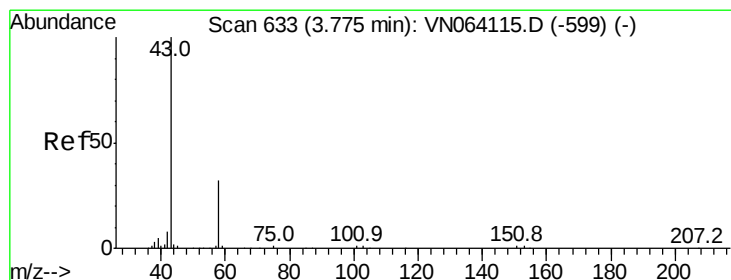
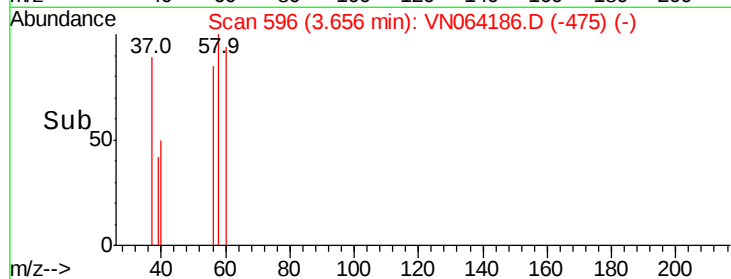
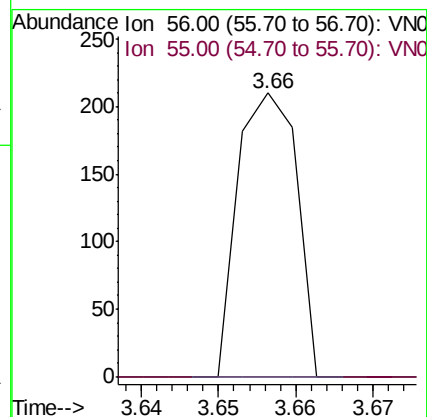
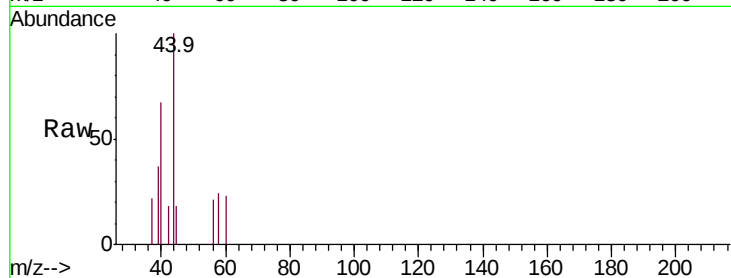
BU-01-101420

Tot Ion: 56 Resp: 111

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.6#



#16

Acetone

Concen: 28.050 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064186.D

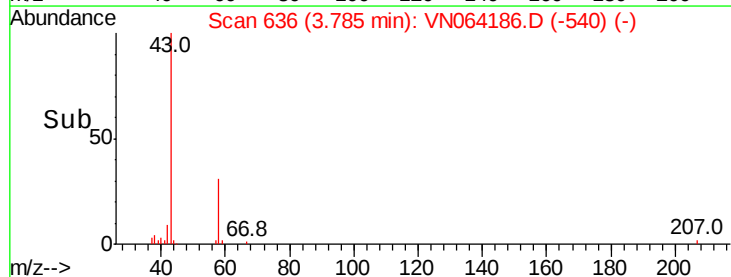
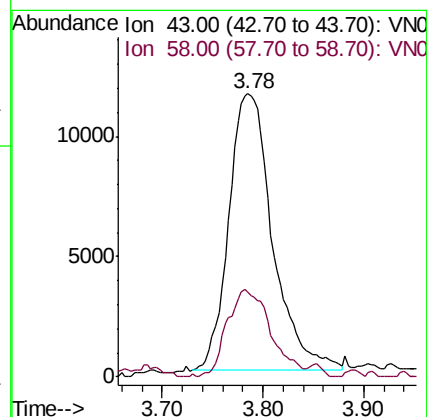
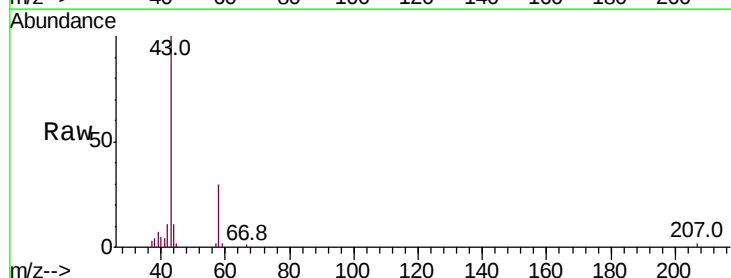
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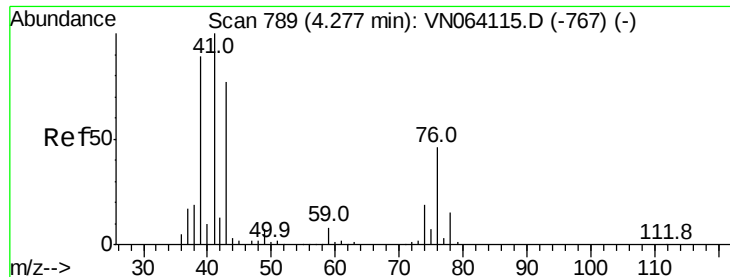
Tgt Ion: 43 Resp: 34711

Ion Ratio Lower Upper

43 100

58 30.6 25.2 37.8

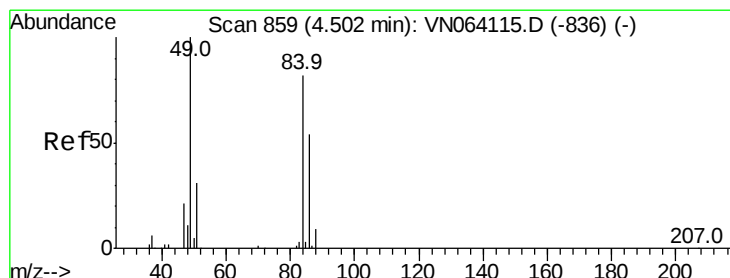
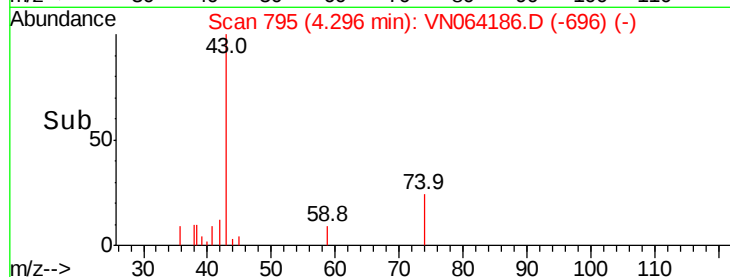
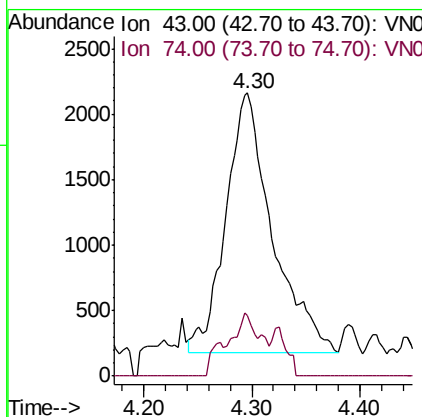
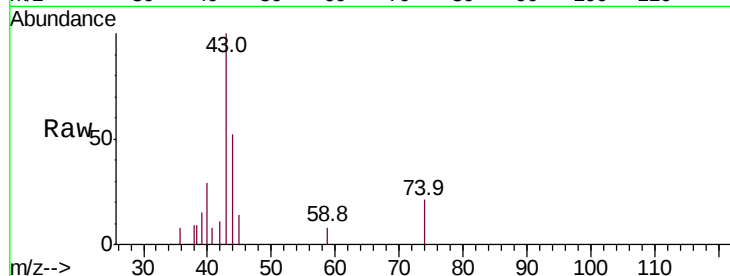




#18
Methyl Acetate
Concen: 1.916 ug/l
RT: 4.30 min Scan# 795
Delta R.T. 0.02 min
Lab File: VN064186.D
Acq: 16 Oct 2020 23:52

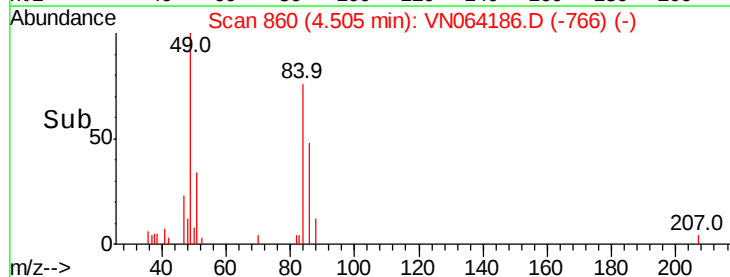
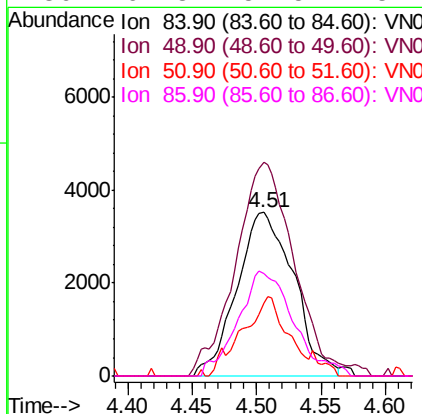
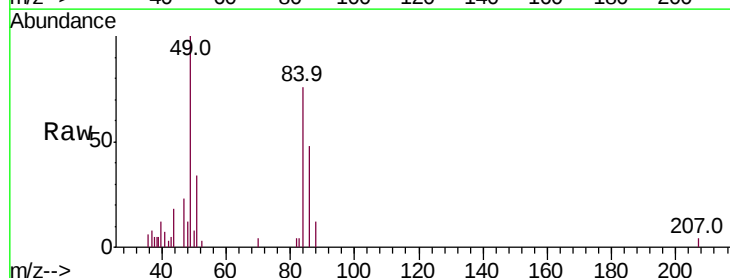
Instrument :
MSVOA_N
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BU-01-101420

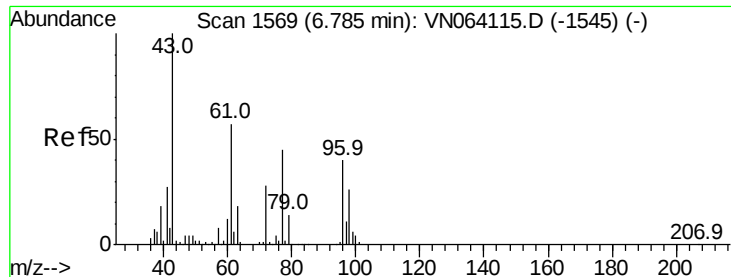
Tot Ion: 43 Resp: 5948
Ion Ratio Lower Upper
43 100
74 13.1 19.7 29.5#



#20
Methylene Chloride
Concen: 2.814 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064186.D
Acq: 16 Oct 2020 23:52

Tgt Ion: 84 Resp: 10775
Ion Ratio Lower Upper
84 100
49 130.8 97.4 146.0
51 44.6 29.7 44.5#
86 62.8 52.5 78.7

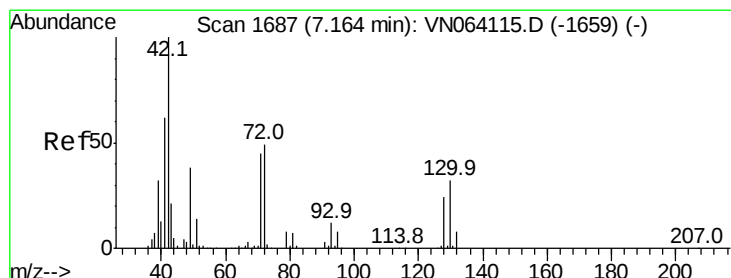
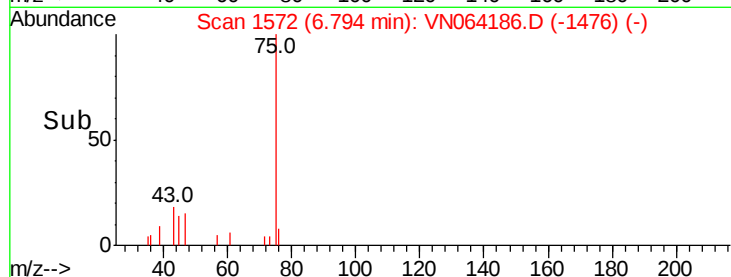
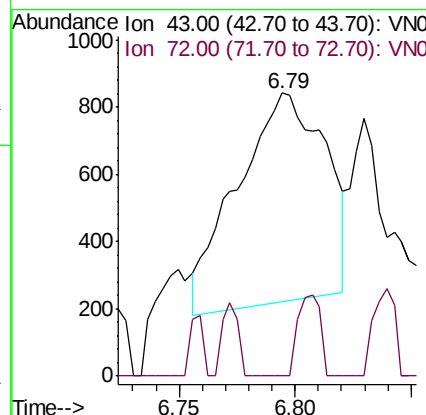
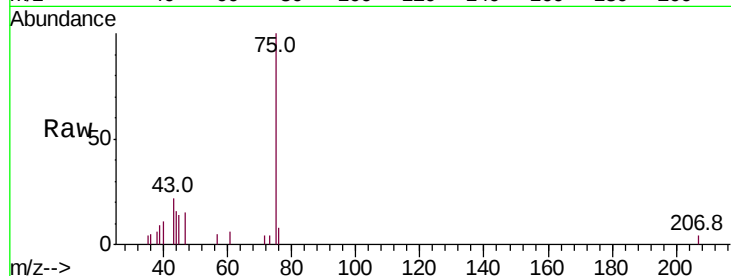




#25
2-Butanone
Concen: 0.866 ug/l
RT: 6.79 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN064186.D
Acq: 16 Oct 2020 23:52

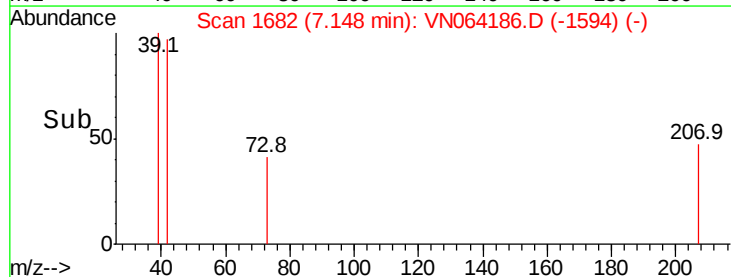
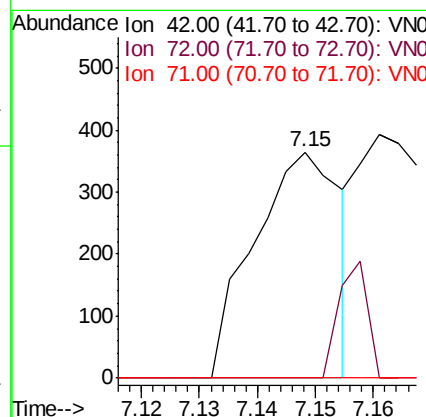
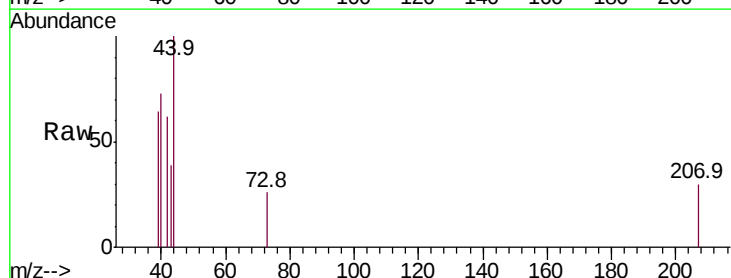
Instrument :
MSVOA_N
ClientSampleId :
BU-01-101420

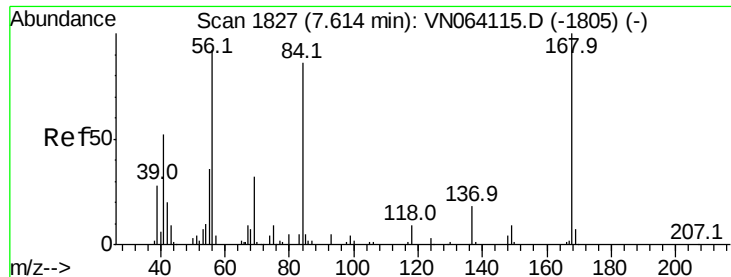
Tot Ion: 43 Resp: 1648
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.2#



#29
Tetrahydrofuran
Concen: 0.338 ug/l
RT: 7.15 min Scan# 1682
Delta R.T. -0.02 min
Lab File: VN064186.D
Acq: 16 Oct 2020 23:52

Tgt Ion: 42 Resp: 376
Ion Ratio Lower Upper
42 100
72 17.3 37.8 56.6#
71 0.0 35.3 52.9#

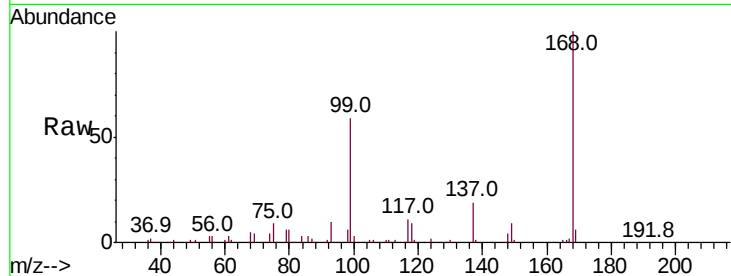




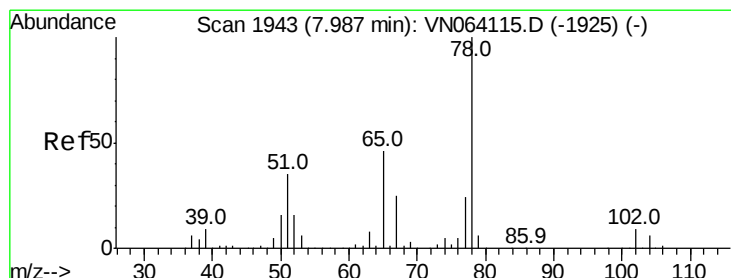
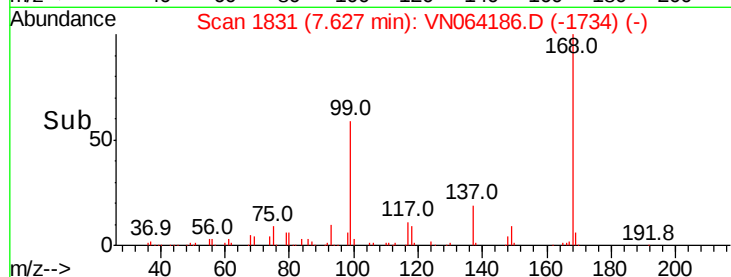
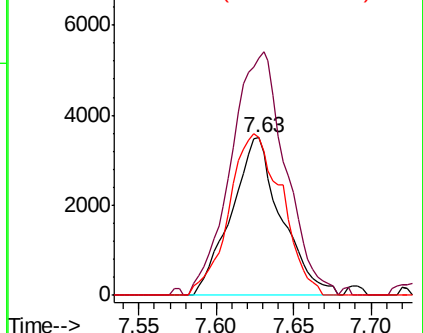
#31
Cyclohexane
Concen: 1.715 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN064186.D
Acq: 16 Oct 2020 23:52

Instrument :
MSVOA_N
ClientSampleId :
BU-01-101420

Tot Ion: 56 Resp: 7911
Ion Ratio Lower Upper
56 100
69 150.3 27.8 41.6#
84 100.1 73.2 109.8

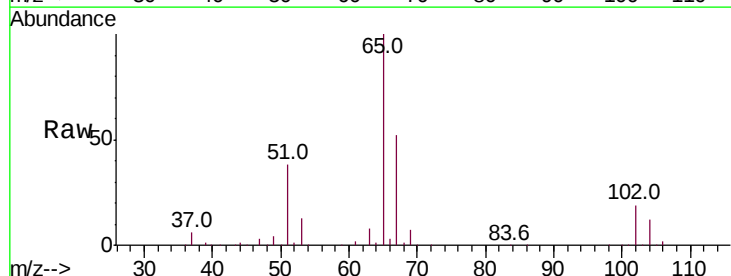


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

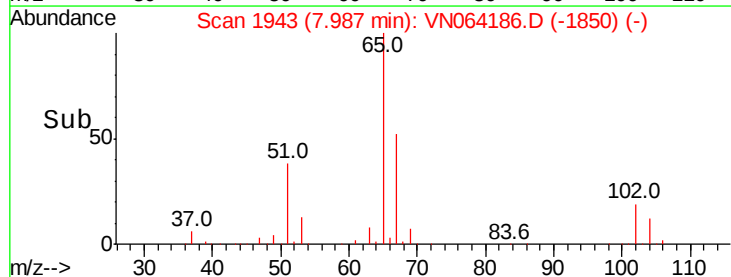
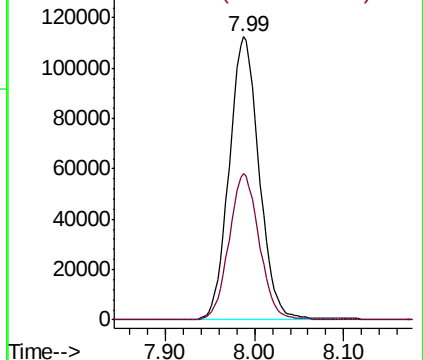


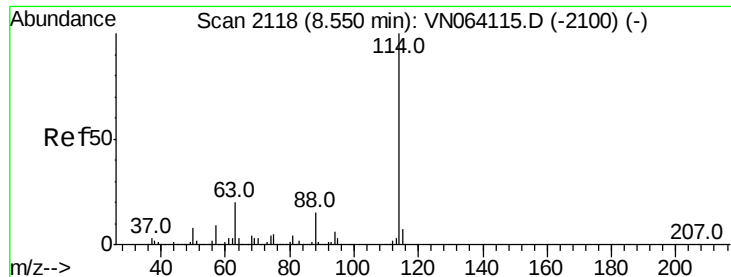
#33
1,2-Dichloroethane-d4
Concen: 63.034 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064186.D
Acq: 16 Oct 2020 23:52

Tgt Ion: 65 Resp: 262976
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064186.D

Acq: 16 Oct 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

BU-01-101420

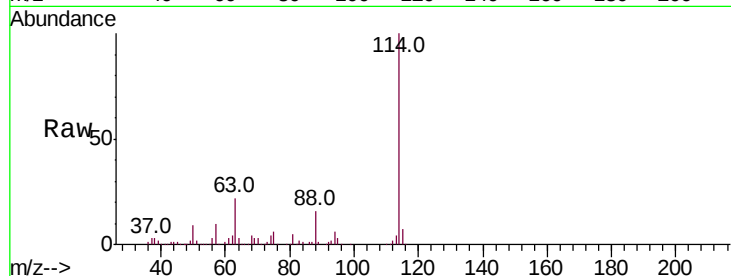
Tot Ion:114 Resp: 616254

Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.0

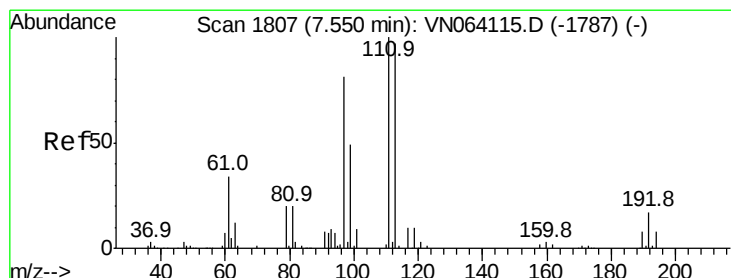
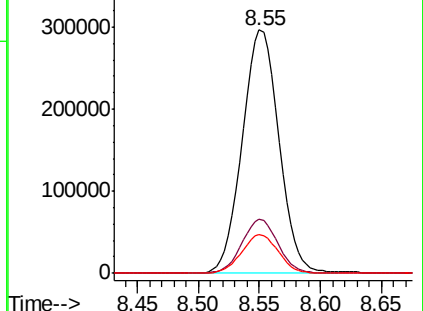
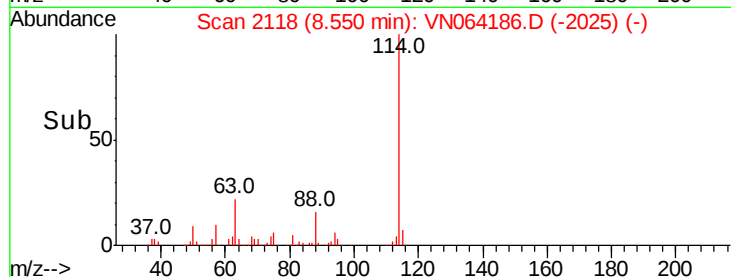
88 16.0 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 47.780 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064186.D

Acq: 16 Oct 2020 23:52

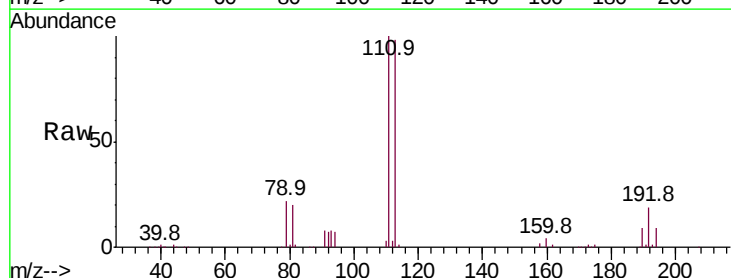
Tgt Ion:113 Resp: 203800

Ion Ratio Lower Upper

113 100

111 104.6 81.9 122.9

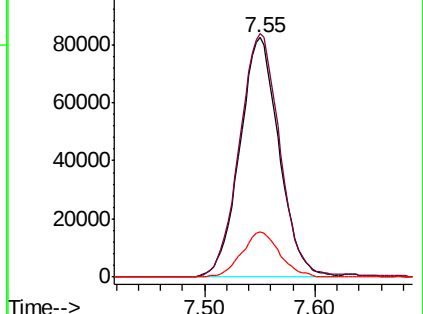
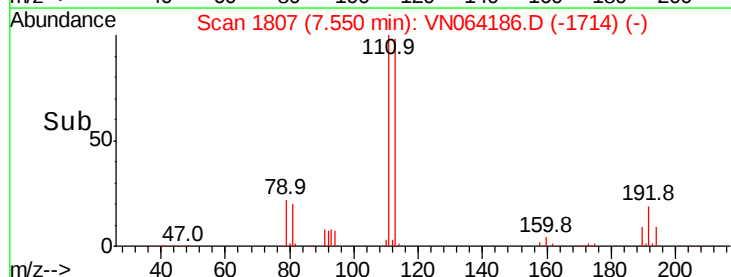
192 18.4 14.3 21.5

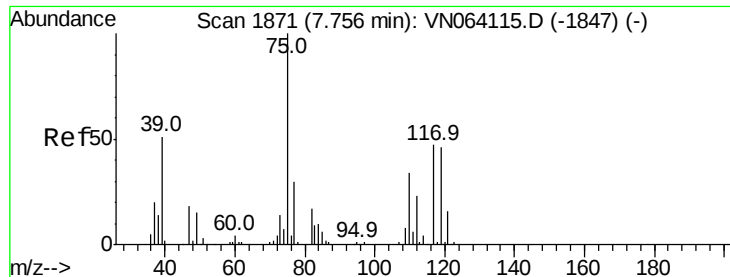


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.630 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN064186.D

Acq: 16 Oct 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

BU-01-101420

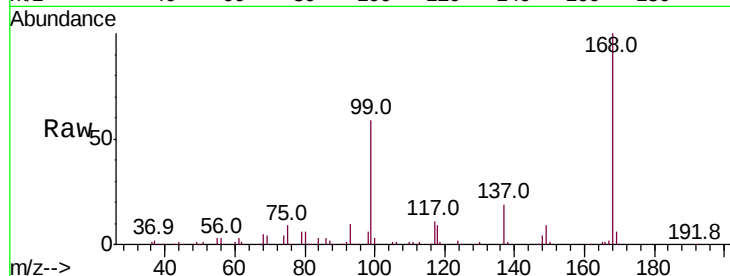
Tot Ion: 75 Resp: 27500

Ion Ratio Lower Upper

75 100

110 9.1 17.8 53.3#

77 0.1 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VN064115.D (-1847) (-)

Ion 109.90 (109.60 to 110.60): VN064115.D (-1847) (-)

Ion 76.90 (76.60 to 77.60): VN064115.D (-1847) (-)

7.63

15000

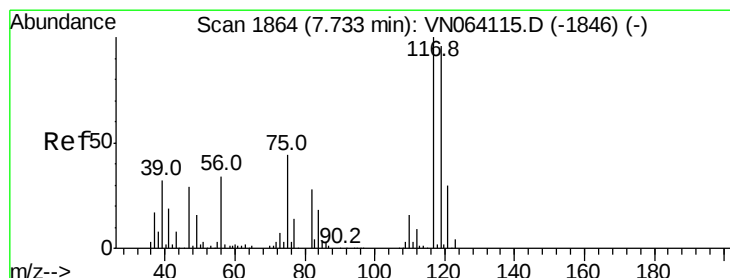
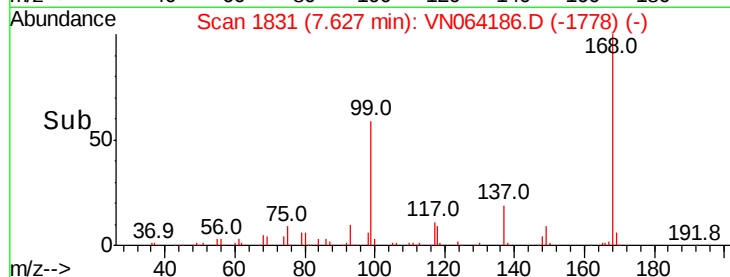
10000

5000

0

7.55 7.60 7.65 7.70

Time-->



#38

Carbon Tetrachloride

Concen: 4.978 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN064186.D

Acq: 16 Oct 2020 23:52

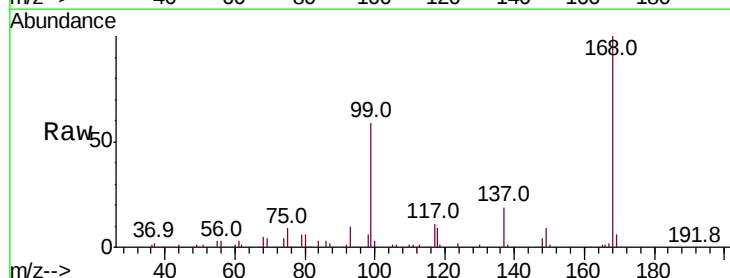
Tgt Ion: 117 Resp: 31794

Ion Ratio Lower Upper

117 100

119 7.5 77.0 115.4#

121 0.0 24.2 36.4#



Abundance Ion 116.80 (116.50 to 117.50): VN064115.D (-1846) (-)

Ion 118.80 (118.50 to 119.50): VN064115.D (-1846) (-)

Ion 120.80 (120.50 to 121.50): VN064115.D (-1846) (-)

7.63

15000

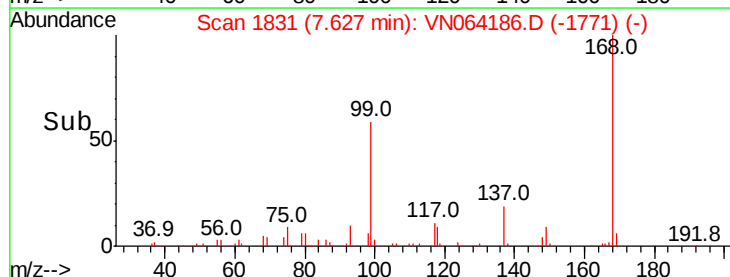
10000

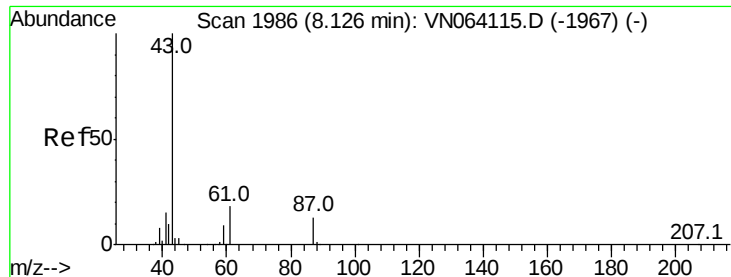
5000

0

7.55 7.60 7.65 7.70

Time-->





#43

Isopropyl Acetate

Concen: 11.961 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064186.D

Acq: 16 Oct 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

BU-01-101420

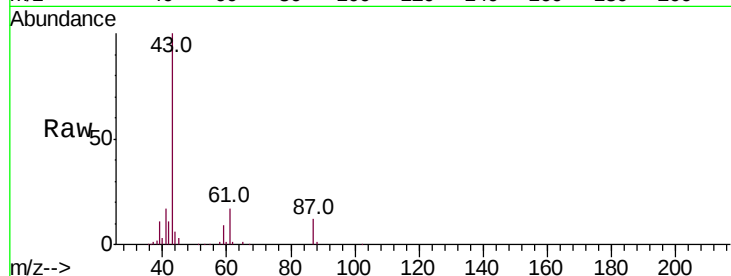
Tot Ion: 43 Resp: 104629

Ion Ratio Lower Upper

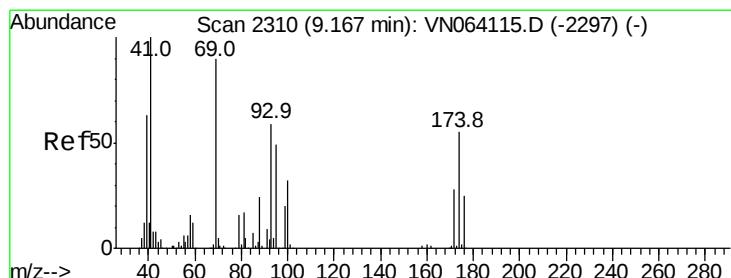
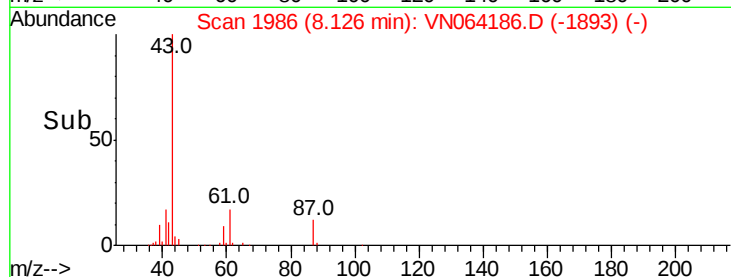
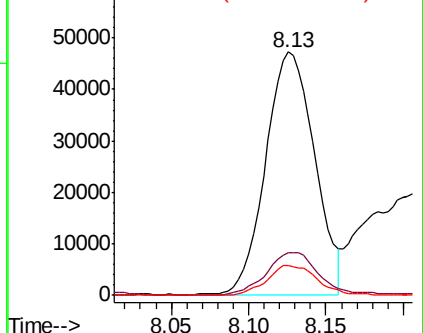
43 100

61 18.8 21.9 32.9#

87 12.6 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



#48

Methyl methacrylate

Concen: 1.650 ug/l

RT: 9.14 min Scan# 2302

Delta R.T. -0.03 min

Lab File: VN064186.D

Acq: 16 Oct 2020 23:52

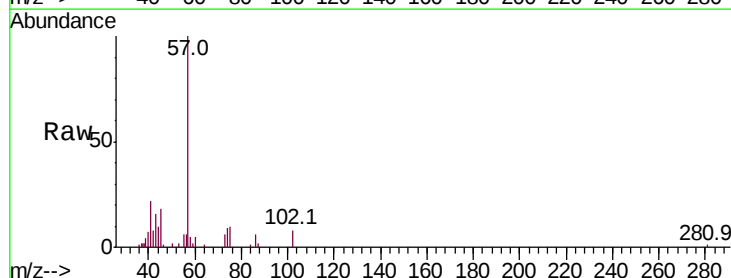
Tgt Ion: 41 Resp: 6668

Ion Ratio Lower Upper

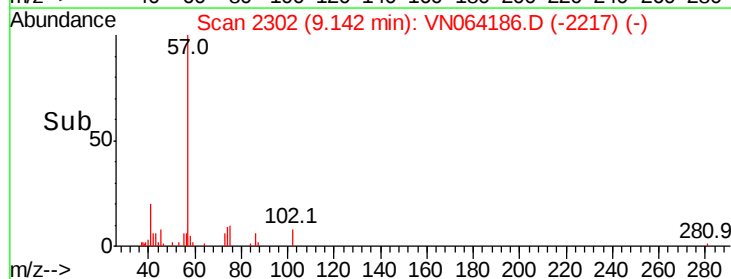
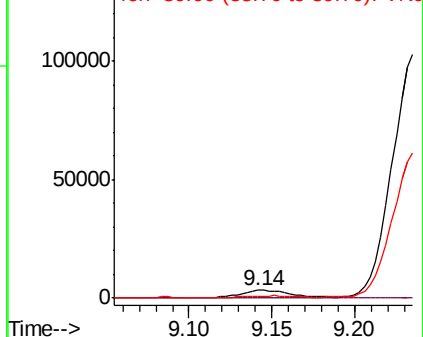
41 100

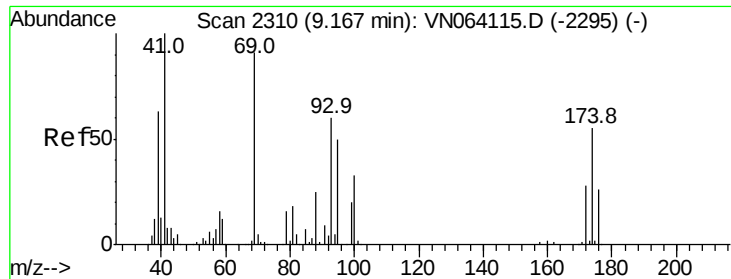
69 0.0 71.4 107.2#

39 0.0 52.5 78.7#



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





#49

1,4-Dioxane

Concen: 6.047 ug/l

RT: 9.24 min Scan# 2332

Delta R.T. 0.07 min

Lab File: VN064186.D

Acq: 16 Oct 2020 23:52

Instrument :

MSVOA_N

ClientSampled :

BU-01-101420

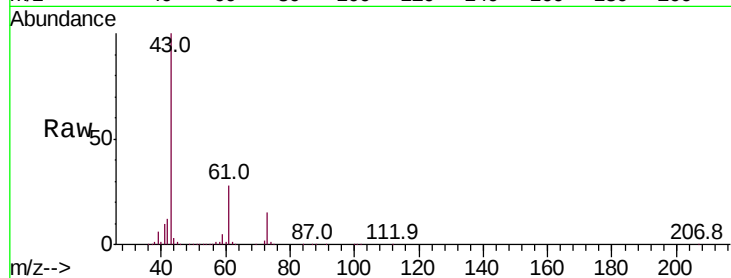
Tot Ion: 88 Resp: 371

Ion Ratio Lower Upper

88 100

43 500727.8 27.2 40.8#

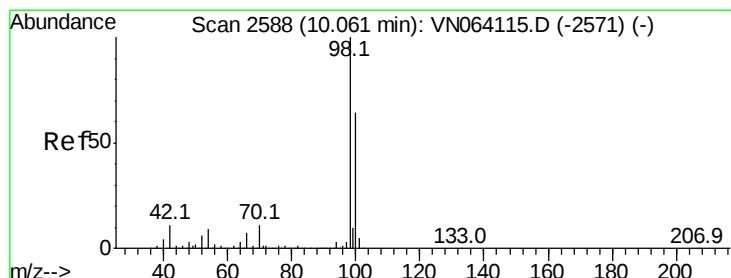
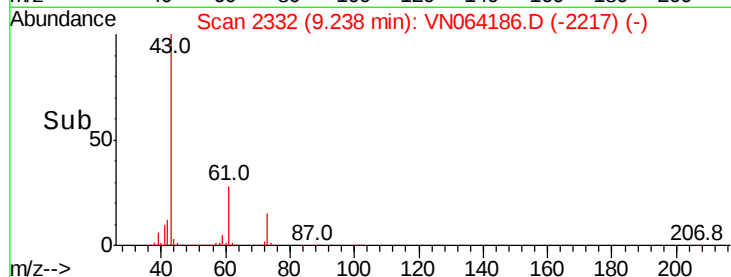
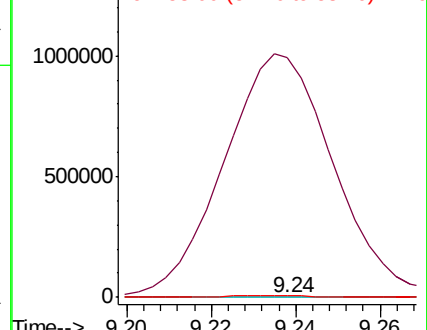
58 3250.1 52.6 78.8#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.290 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064186.D

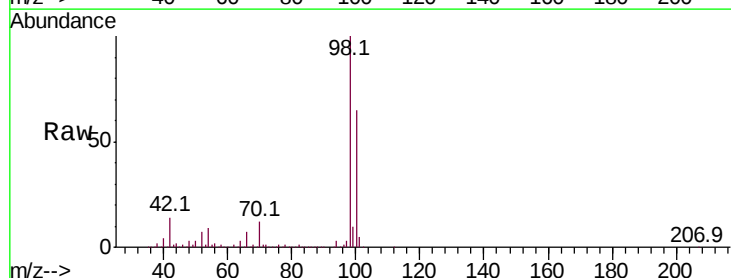
Acq: 16 Oct 2020 23:52

Tgt Ion: 98 Resp: 809361

Ion Ratio Lower Upper

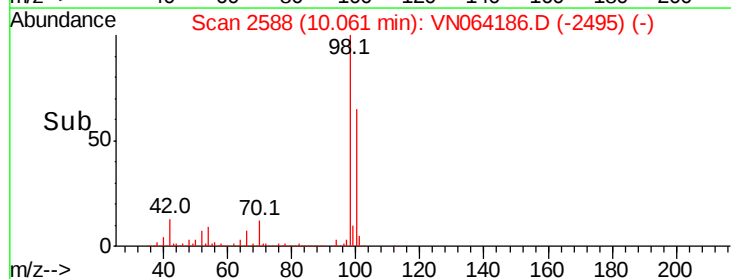
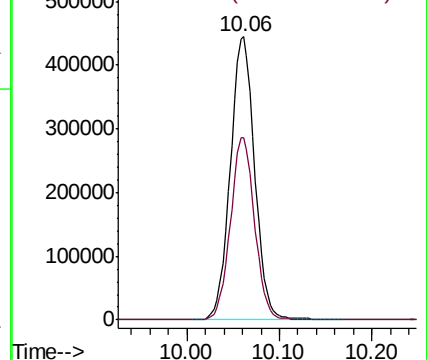
98 100

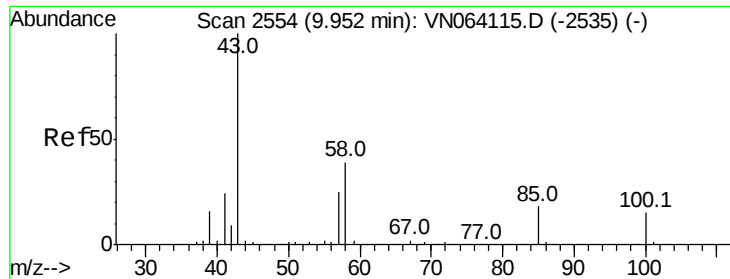
100 63.8 50.8 76.2



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: 1.577 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN064186.D

Acq: 16 Oct 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

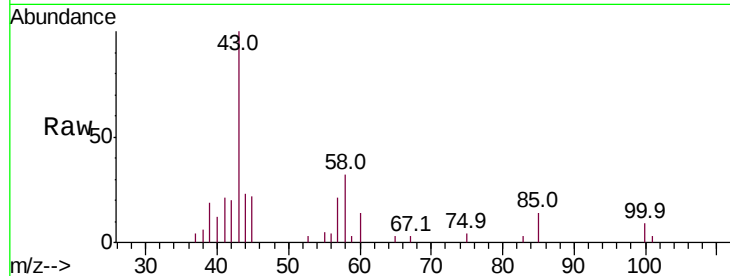
BU-01-101420

Tot Ion: 43 Resp: 8161

Ion Ratio Lower Upper

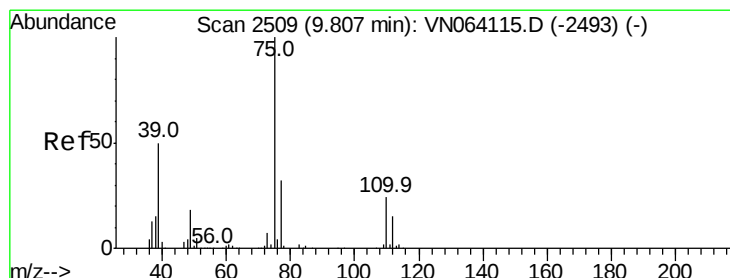
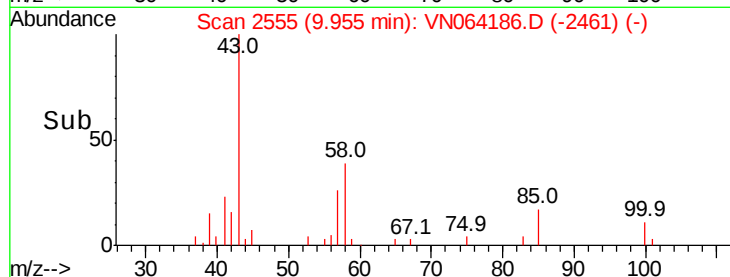
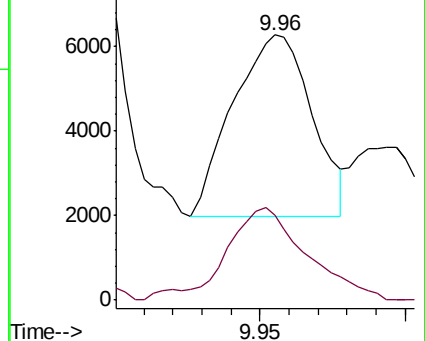
43 100

58 51.9 31.2 46.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 6.129 ug/l

RT: 9.87 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN064186.D

Acq: 16 Oct 2020 23:52

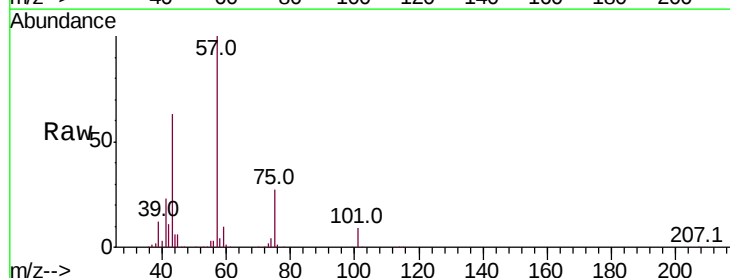
Tgt Ion: 75 Resp: 45202

Ion Ratio Lower Upper

75 100

77 0.0 25.2 37.8#

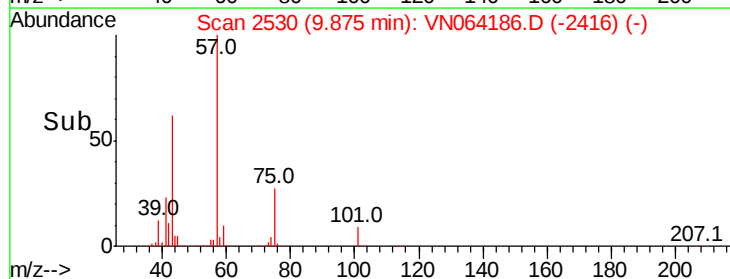
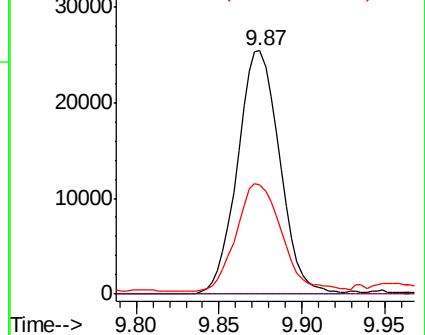
39 43.6 39.8 59.8

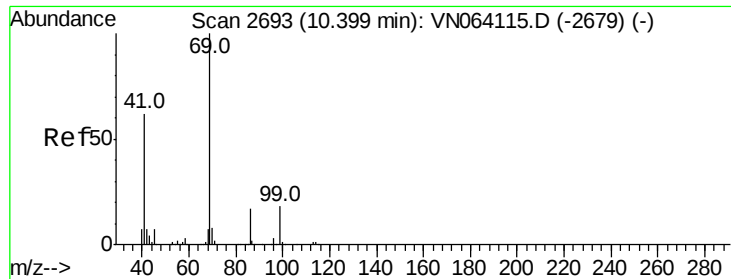


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 2.345 ug/l

RT: 10.32 min Scan# 2669

Delta R.T. -0.08 min

Lab File: VN064186.D

Acq: 16 Oct 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

BU-01-101420

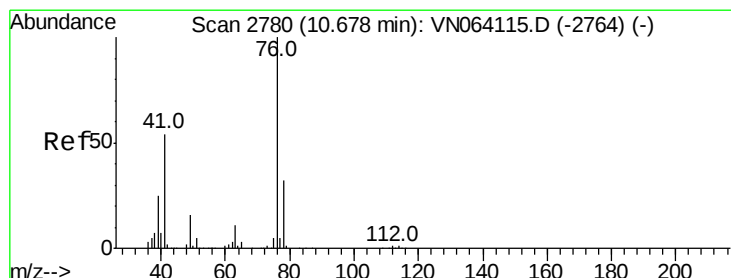
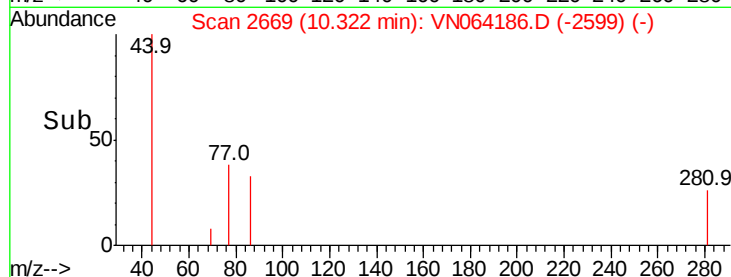
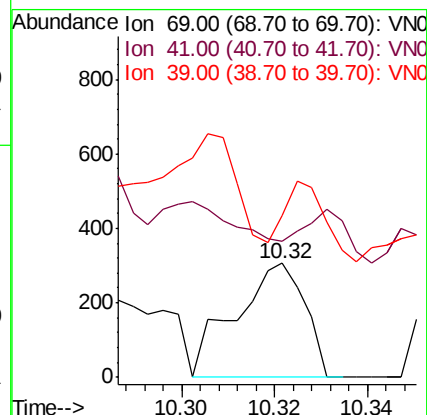
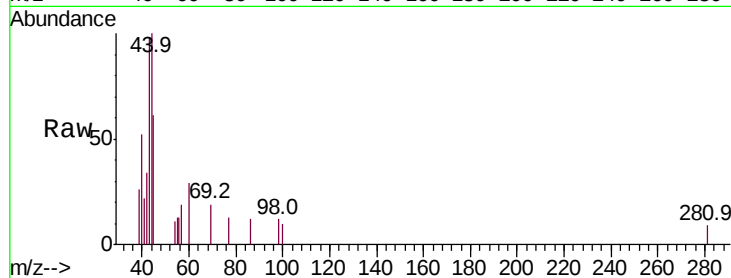
Tot Ion: 69 Resp: 320

Ion Ratio Lower Upper

69 100

41 0.0 49.3 73.9#

39 0.0 32.7 49.1#



#57

1,3-Dichloropropane

Concen: 1.041 ug/l

RT: 10.74 min Scan# 2798

Delta R.T. 0.06 min

Lab File: VN064186.D

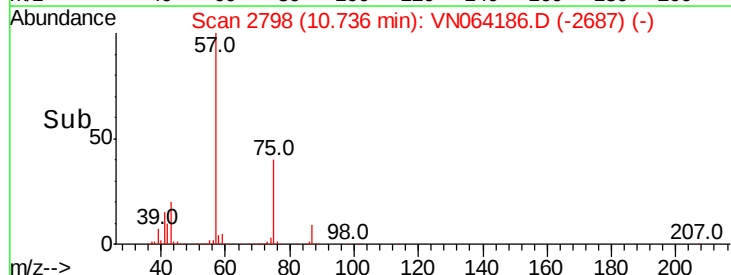
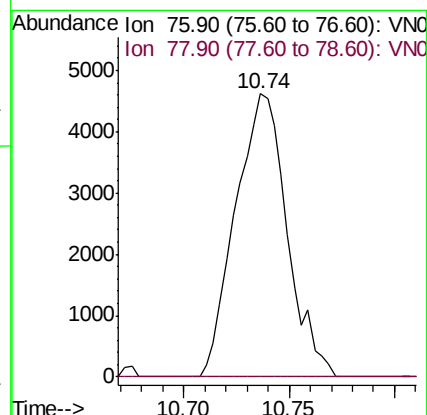
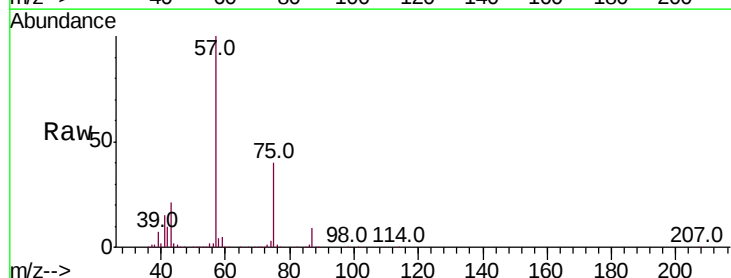
Acq: 16 Oct 2020 23:52

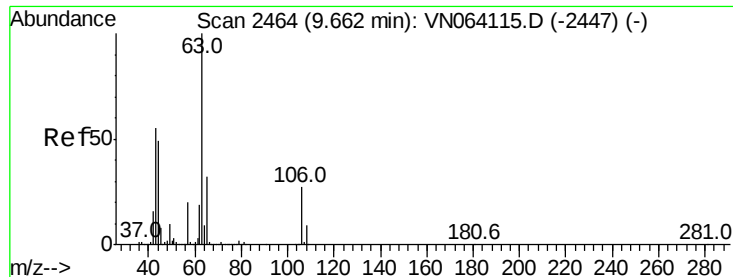
Tgt Ion: 76 Resp: 7849

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#





#58

2-Chloroethyl Vinyl ether

Concen: 12.229 ug/l

RT: 9.69 min Scan# 2474

Delta R.T. 0.03 min

Lab File: VN064186.D

Acq: 16 Oct 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

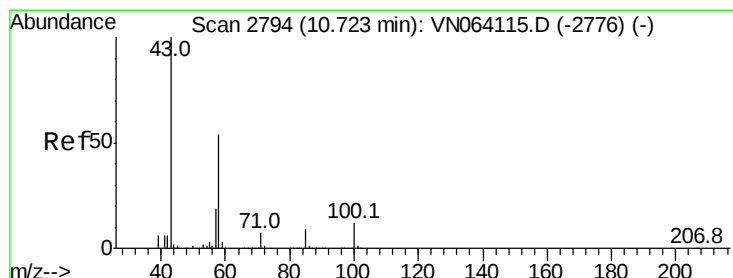
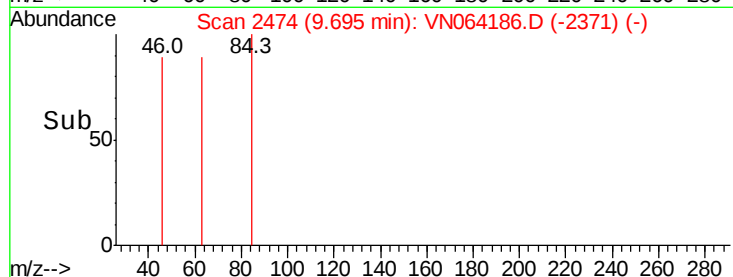
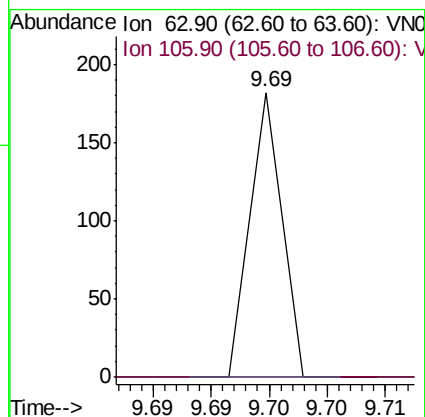
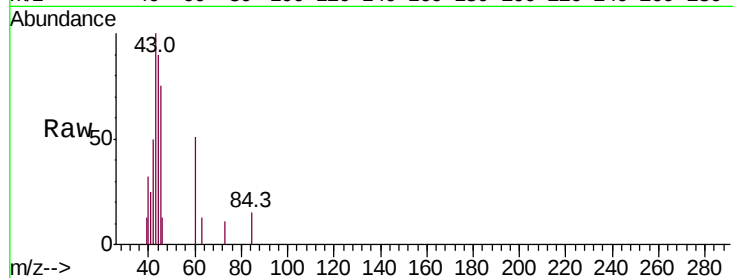
BU-01-101420

Tot Ion: 63 Resp: 35

Ion Ratio Lower Upper

63 100

106 0.0 21.8 32.6#



#59

2-Hexanone

Concen: 34.548 ug/l

RT: 10.74 min Scan# 2798

Delta R.T. 0.01 min

Lab File: VN064186.D

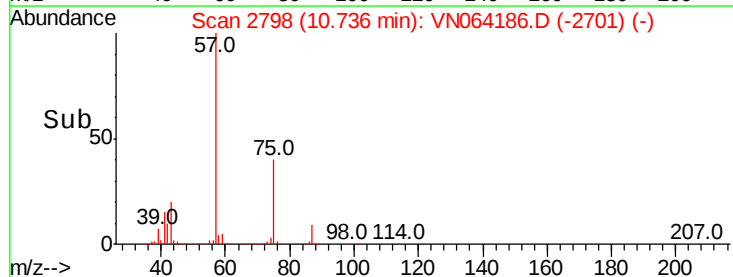
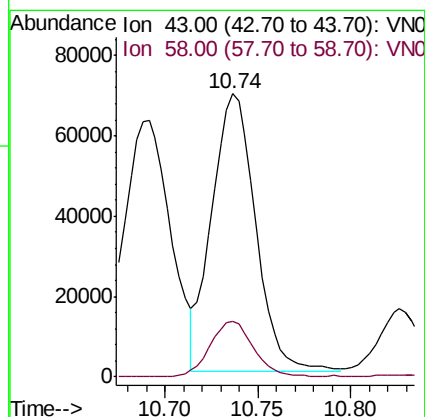
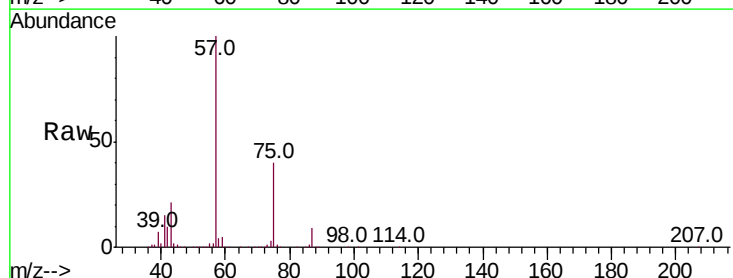
Acq: 16 Oct 2020 23:52

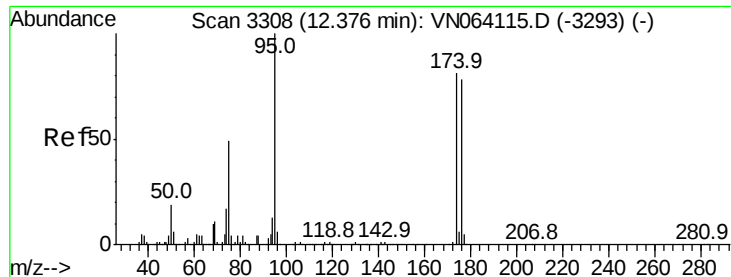
Tgt Ion: 43 Resp: 113986

Ion Ratio Lower Upper

43 100

58 20.0 27.2 81.6#





#62

4-Bromofluorobenzene

Concen: 47.945 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064186.D

Acq: 16 Oct 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

BU-01-101420

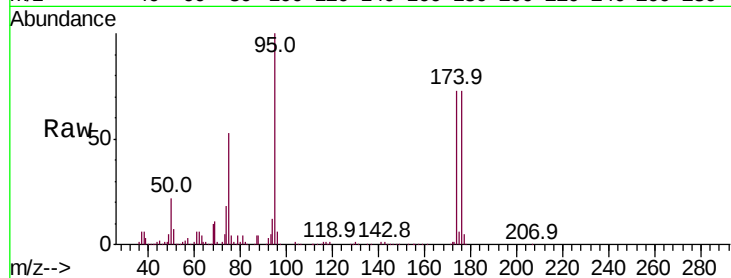
Tot Ion: 95 Resp: 265230

Ion Ratio Lower Upper

95 100

174 76.7 0.0 164.8

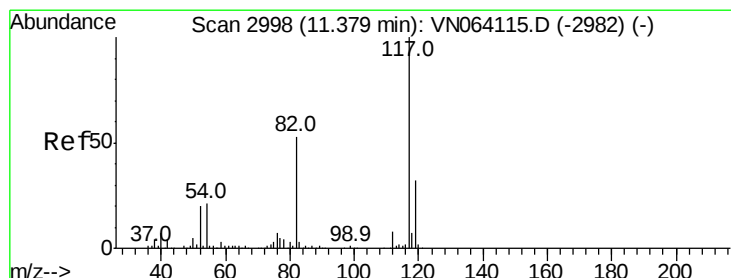
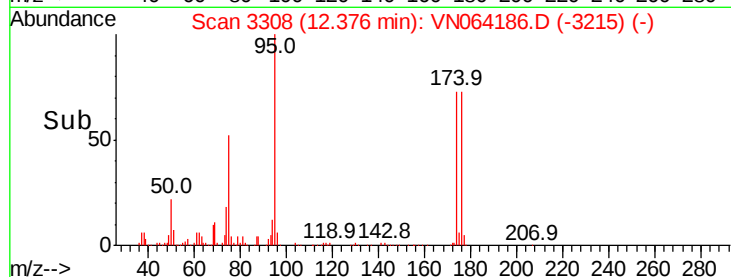
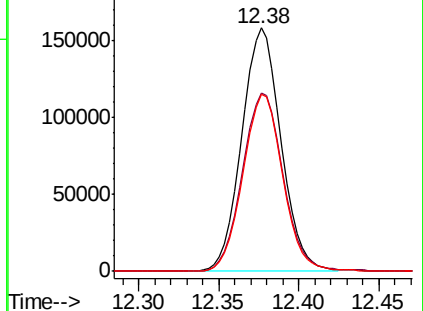
176 74.2 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN064115.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064115.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064115.D (-3293) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064186.D

Acq: 16 Oct 2020 23:52

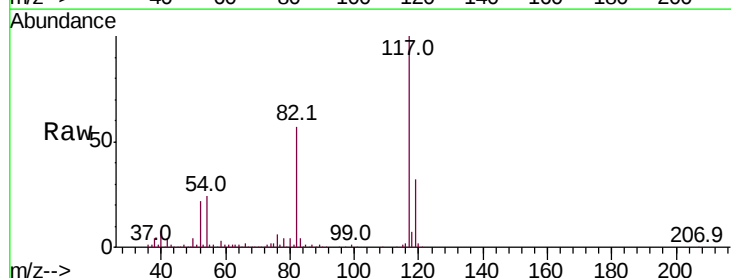
Tgt Ion: 117 Resp: 646929

Ion Ratio Lower Upper

117 100

82 56.9 42.6 63.8

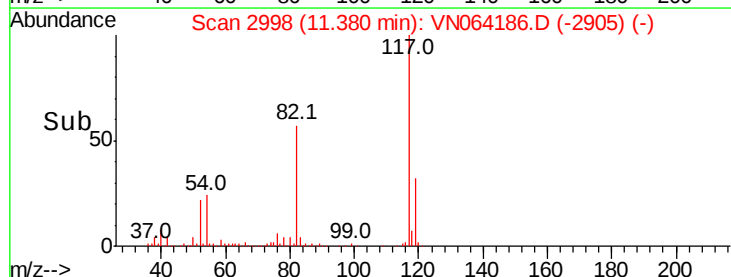
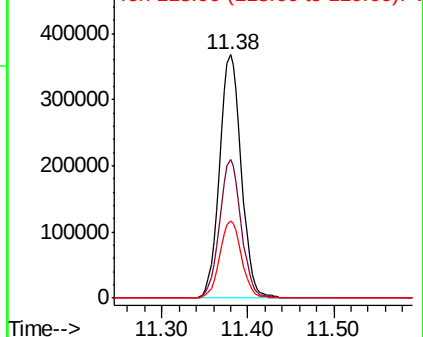
119 31.6 25.5 38.3

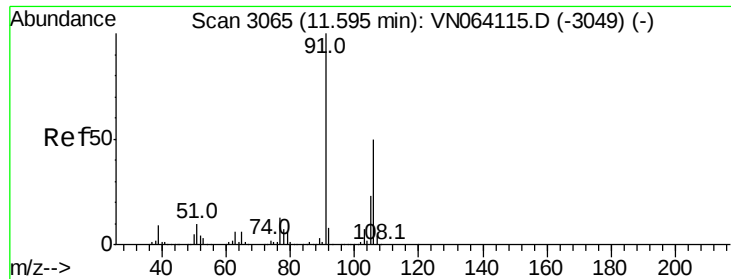


Abundance Ion 116.90 (116.60 to 117.60): VN064115.D (-2982) (-)

Ion 82.00 (81.70 to 82.70): VN064115.D (-2982) (-)

Ion 118.90 (118.60 to 119.60): VN064115.D (-2982) (-)





#68

m/p-Xvlenes

Concen: 2.195 ug/l

RT: 11.50 min Scan# 3037

Delta R.T. -0.09 min

Lab File: VN064186.D

Acq: 16 Oct 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

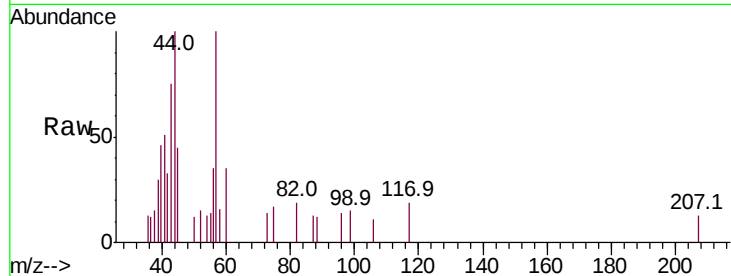
BU-01-101420

Tot Ion:106 Resp: 30

Ion Ratio Lower Upper

106 100

91 0.0 162.1 243.1#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

11.50

150

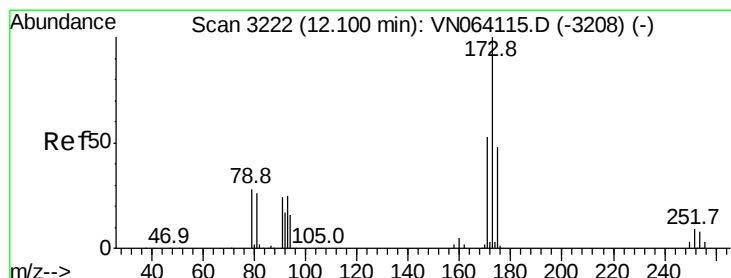
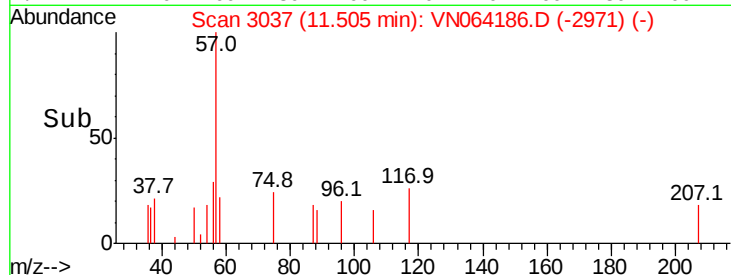
100

50

0

11.50 11.51

Time-->



#71

Bromoform

Concen: 2.669 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.28 min

Lab File: VN064186.D

Acq: 16 Oct 2020 23:52

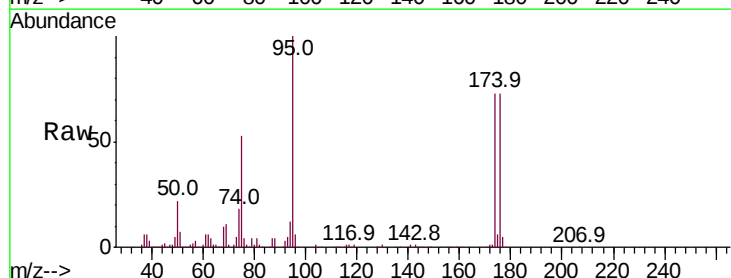
Tgt Ion:173 Resp: 1965

Ion Ratio Lower Upper

173 100

175 652.0 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

12000

10000

8000

6000

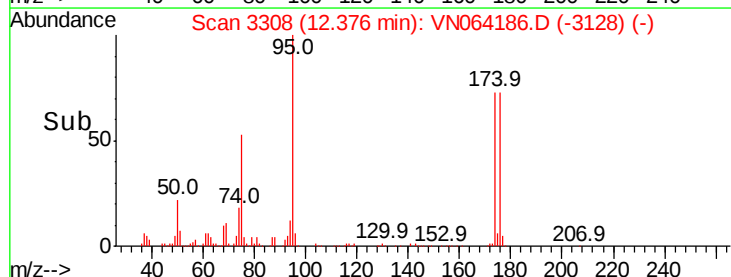
4000

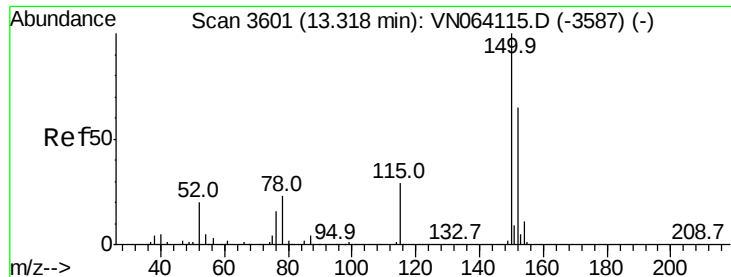
2000

0

12.34 12.36 12.38

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064186.D

Acq: 16 Oct 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

BU-01-101420

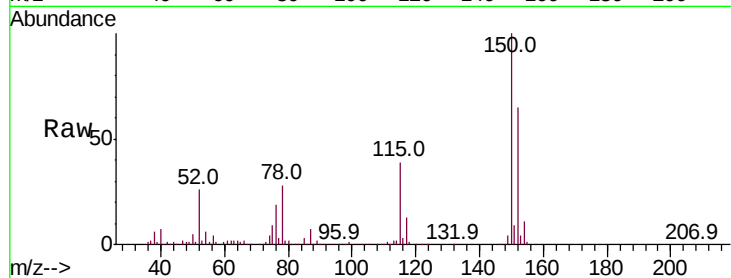
Tot Ion:152 Resp: 222756

Ion Ratio Lower Upper

152 100

115 61.0 29.3 87.8

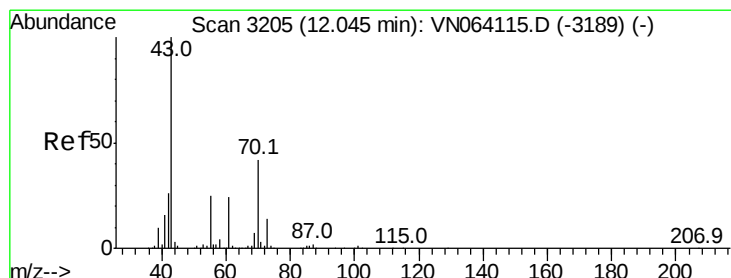
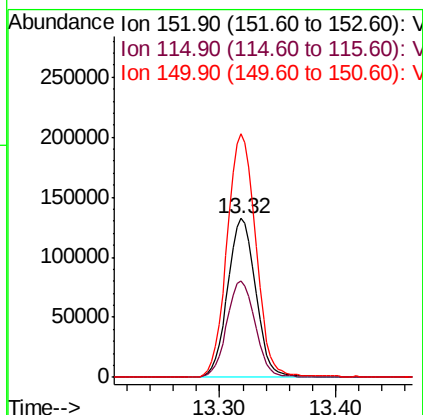
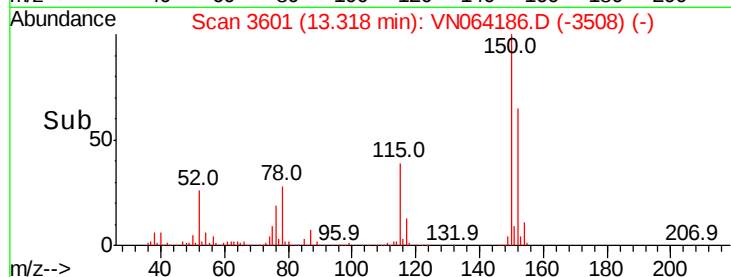
150 156.3 0.0 346.0



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



#74

N-ethyl acetate

Concen: 0.409 ug/l

RT: 12.02 min Scan# 3196

Delta R.T. -0.03 min

Lab File: VN064186.D

Acq: 16 Oct 2020 23:52

Tgt Ion: 43 Resp: 2469

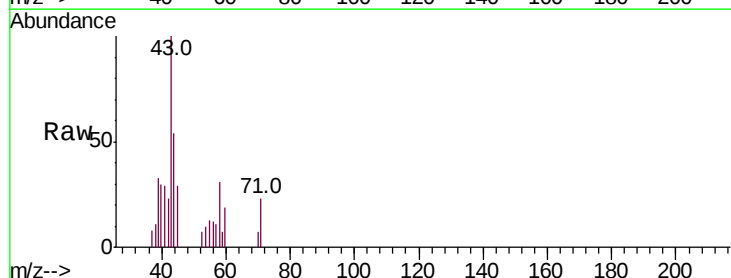
Ion Ratio Lower Upper

43 100

70 2.5 33.2 49.8#

55 22.7 19.9 29.9

61 0.0 18.8 28.2#

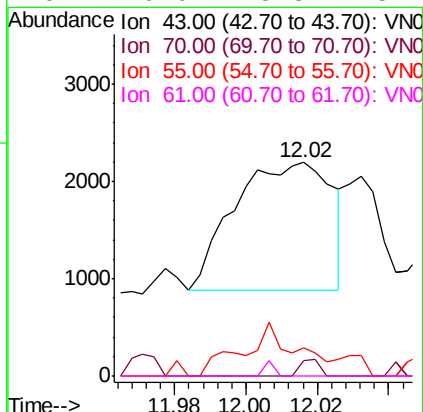
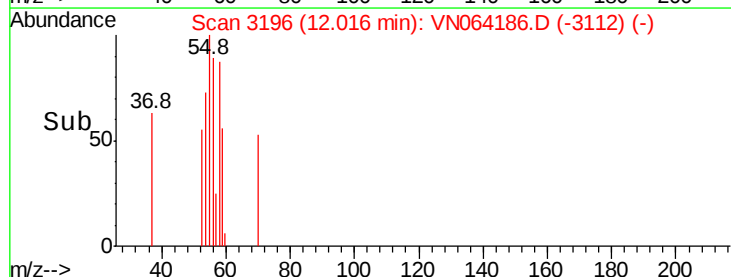


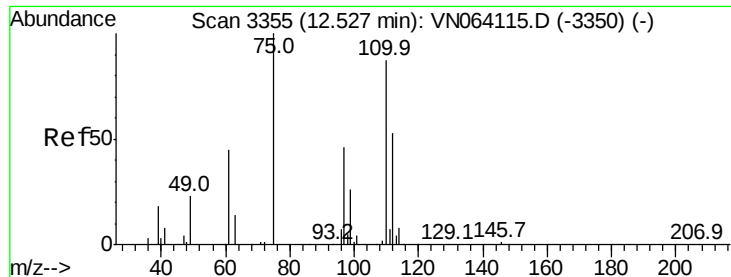
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#76

1,2,3-Trichloropropane

Concen: 27.374 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064186.D

Acq: 16 Oct 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

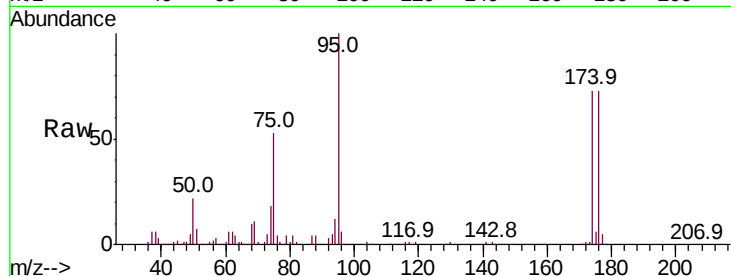
BU-01-101420

Tot Ion: 75 Resp: 143056

Ion Ratio Lower Upper

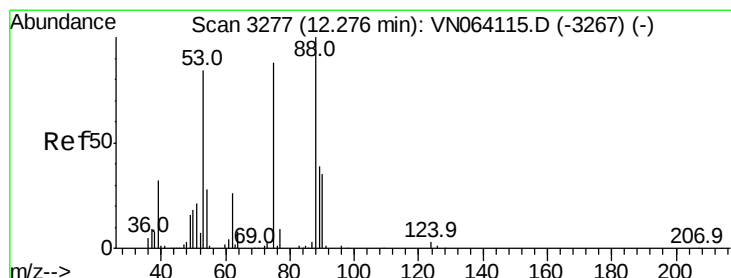
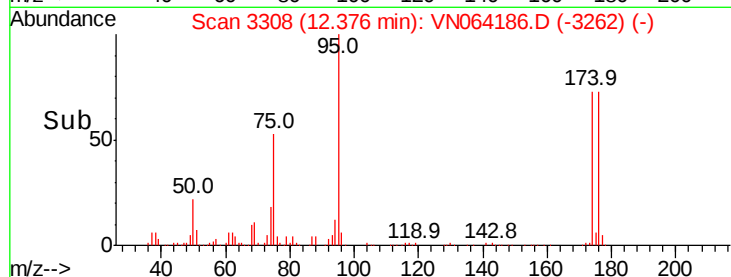
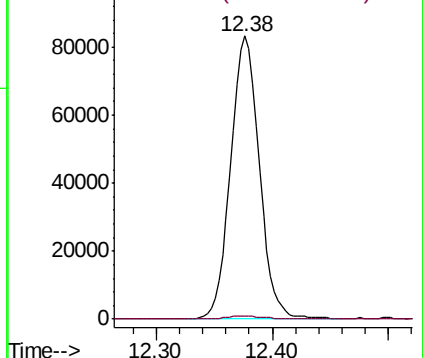
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#81

trans-1,4-Dichloro-2-butene

Concen: 83.632 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064186.D

Acq: 16 Oct 2020 23:52

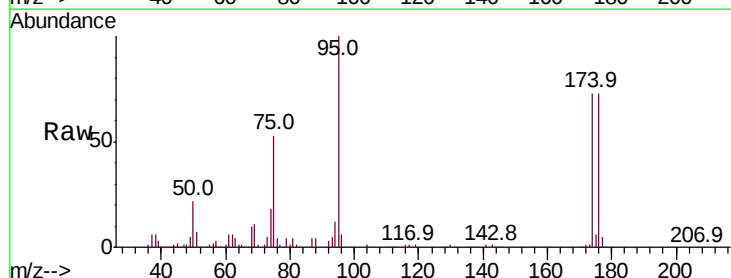
Tgt Ion: 75 Resp: 143056

Ion Ratio Lower Upper

75 100

53 0.3 75.7 113.5#

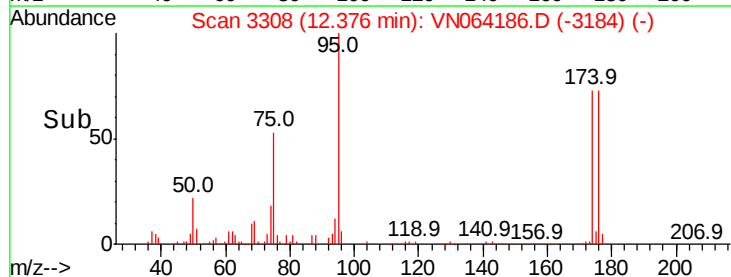
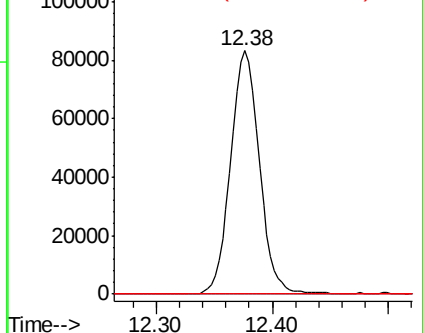
89 0.0 36.6 55.0#

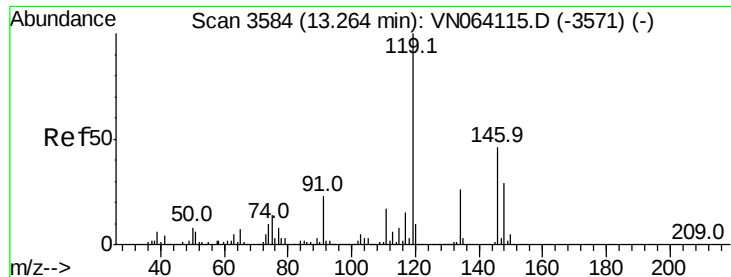


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#86

p-Isopropyltoluene

Concen: 0.664 ug/l

RT: 13.25 min Scan# 3580

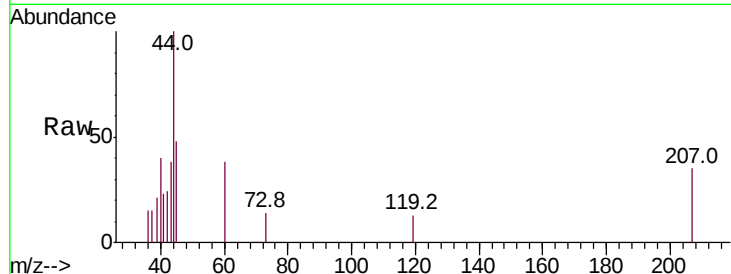
Delta R.T. -0.01 min

Lab File: VN064186.D

Acq: 16 Oct 2020 23:52

Instrument :
MSVOA_N
ClientSampleId :
BU-01-101420

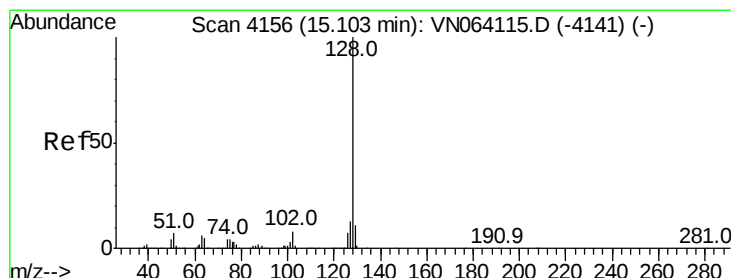
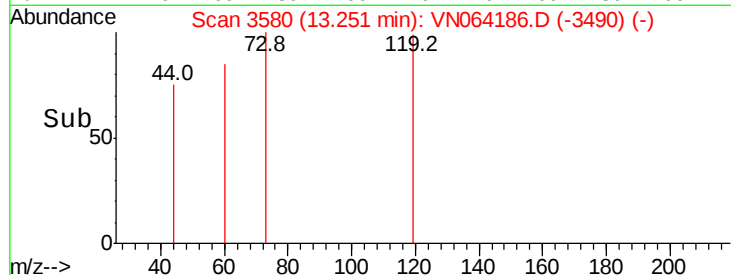
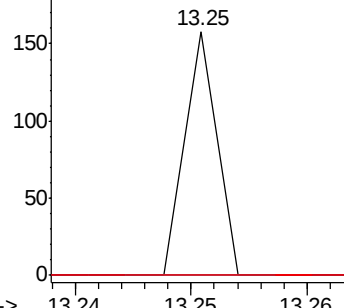
Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.2	39.5#
91	0.0	12.0	36.1#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#95

Naphthalene

Concen: 3.828 ug/l

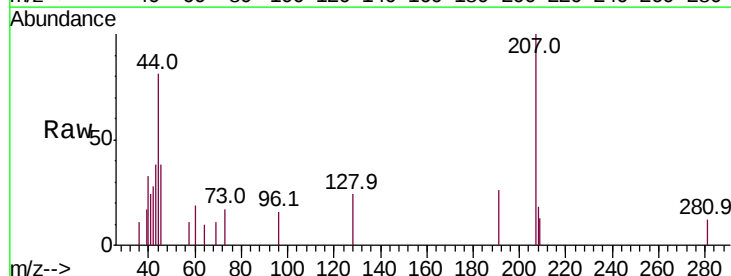
RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064186.D

Acq: 16 Oct 2020 23:52

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.5	12.7#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

