

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064602.D
 Acq On : 13 Nov 2020 00:55
 Operator : JC/MD
 Sample : PB132945TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132945TB

Quant Time: Nov 13 04:24:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	211217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	441120	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	469129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	161037	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	208838	56.76	ug/l	0.00
Spiked Amount			Recovery	=	113.52%	
35) Dibromofluoromethane	7.55	113	150930	50.25	ug/l	0.00
Spiked Amount			Recovery	=	100.50%	
50) Toluene-d8	10.06	98	573956	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	12.38	95	210359	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.54	94	482	0.220	ug/l #	44
10) Methyl Iodide	3.90	142	562	0.202	ug/l #	48
11) Tert butyl alcohol	4.75	59	314	0.774	ug/l #	71
13) Acrolein	3.57	56	67	0.266	ug/l #	40
16) Acetone	3.79	43	12649	9.026	ug/l #	83
17) Carbon Disulfide	4.01	76	1819	0.269	ug/l #	76
18) Methyl Acetate	4.30	43	5819	2.112	ug/l #	79
20) Methylene Chloride	4.51	84	7911	2.845	ug/l	91
25) 2-Butanone	6.80	43	7068	3.958	ug/l	98
29) Tetrahydrofuran	7.19	42	979	0.894	ug/l #	81
31) Cyclohexane	7.62	56	6035	1.349	ug/l #	18
36) 1,1-Dichloropropene	7.63	75	20187	4.332	ug/l #	52
37) Ethyl Acetate	6.80	43	7068	2.234	ug/l #	72
38) Carbon Tetrachloride	7.62	117	22881	4.594	ug/l #	18
43) Isopropyl Acetate	8.13	43	103242	13.671	ug/l	98
48) Methyl methacrylate	9.14	41	7187	1.886	ug/l #	15
49) 1,4-Dioxane	9.23	88	157	3.128	ug/l #	1
51) 4-Methyl-2-Pentanone	9.96	43	9953	2.260	ug/l	94
52) Toluene	10.12	92	3728	0.446	ug/l	91
54) cis-1,3-Dichloropropene	9.87	75	41407	7.063	ug/l #	67
56) Ethyl methacrylate	10.51	69	4264	2.607	ug/l #	1
57) 1,3-Dichloropropane	10.74	76	7742	1.362	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.67	63	149	21.592	ug/l #	51
59) 2-Hexanone	10.74	43	126911	38.797	ug/l #	56
71) Bromoform	12.37	173	439	1.424	ug/l #	1
74) N-amyl acetate	12.00	43	3985	1.841	ug/l #	49
76) 1,2,3-Trichloropropane	12.38	75	119430	30.609	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.70	105	4162	0.394	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	119430	85.464	ug/l #	8
89) n-Butylbenzene	13.59	91	1852	0.229	ug/l	91
93) 1,2,4-Trichlorobenzene	14.88	180	562	2.870	ug/l #	35
94) Hexachlorobutadiene	14.98	225	785	0.742	ug/l #	60
95) Naphthalene	15.12	128	3065	3.945	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.29	180	1102	3.192	ug/l	84

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QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

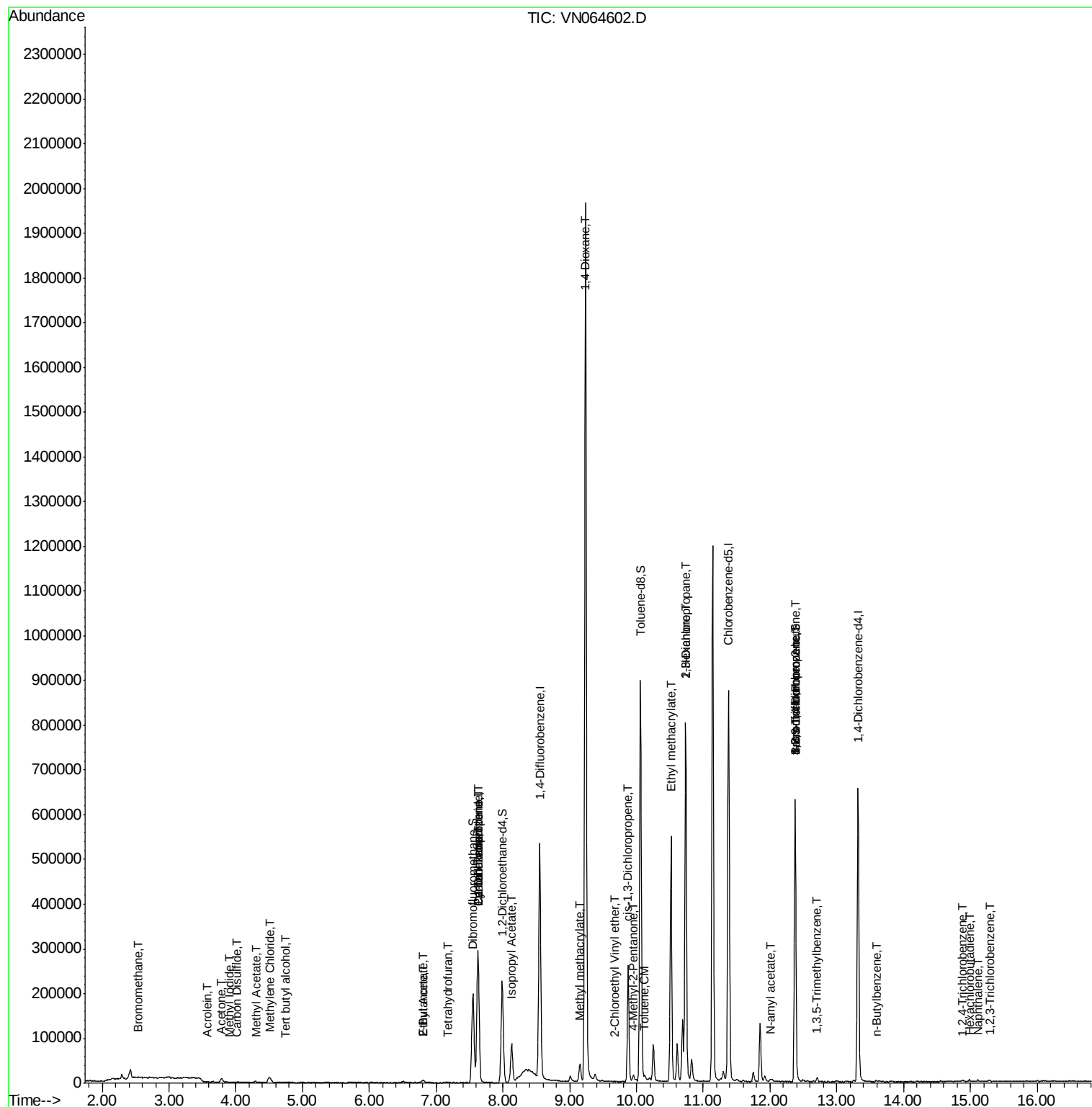
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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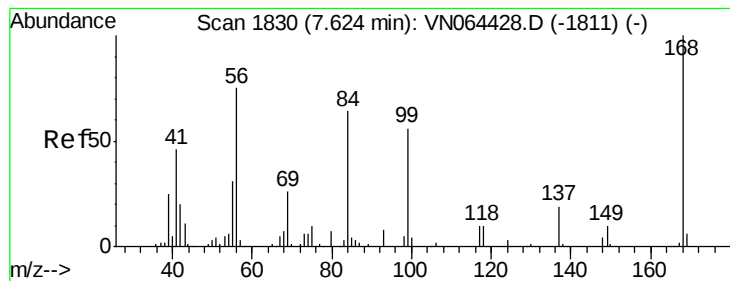
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111220\
Data File : VN064602.D
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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: VN064602.D

Acq: 13 Nov 2020 00:55

Instrument :

MSVOA_N

ClientSampleId :

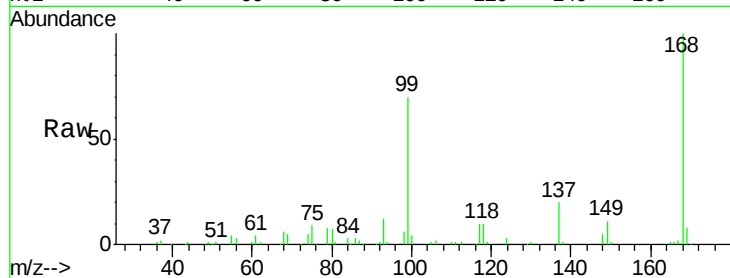
PB132945TB

Tot Ion:168 Resp: 211217

Ion Ratio Lower Upper

168 100

99 70.2 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

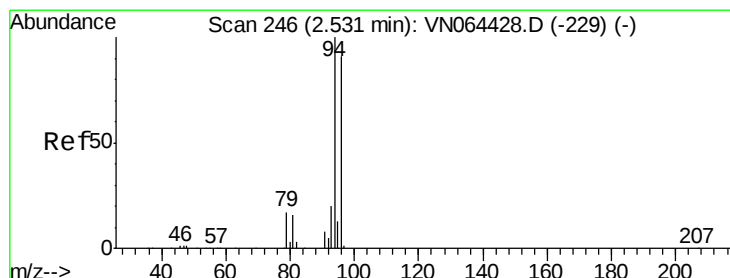
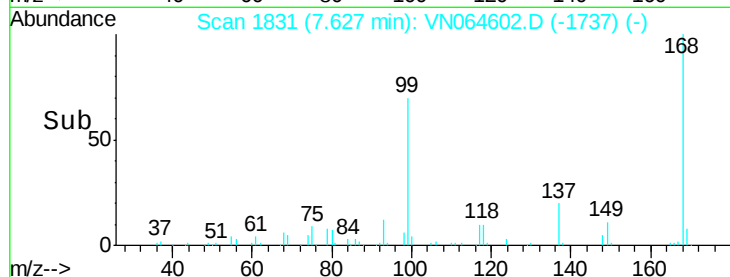
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 0.220 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064602.D

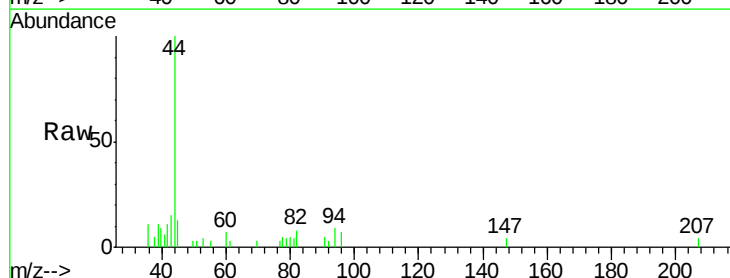
Acq: 13 Nov 2020 00:55

Tgt Ion: 94 Resp: 482

Ion Ratio Lower Upper

94 100

96 37.8 73.1 109.7#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.54

500

400

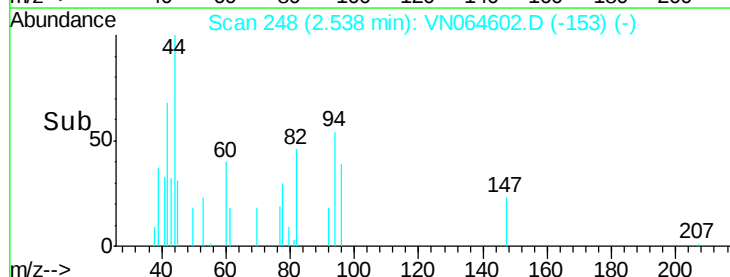
300

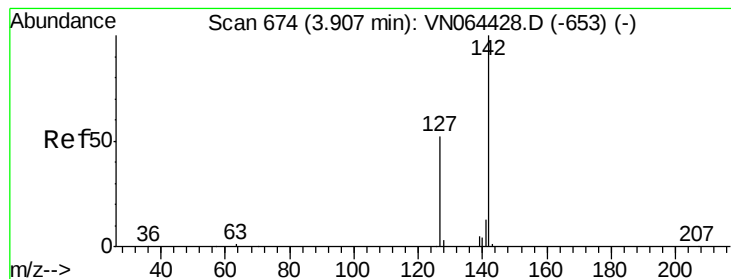
200

100

0

Time-->





#10

Methvl Iodide

Concen: 0.202 ug/l

RT: 3.90 min Scan# 671

Delta R.T. -0.01 min

Lab File: VN064602.D

Acq: 13 Nov 2020 00:55

Instrument :

MSVOA_N

ClientSampleId :

PB132945TB

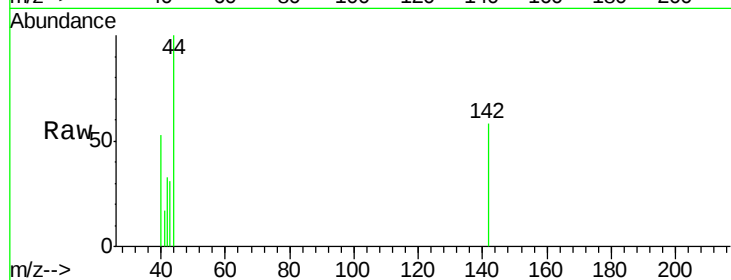
Tot Ion:142 Resp: 562

Ion Ratio Lower Upper

142 100

127 11.9 41.8 62.8#

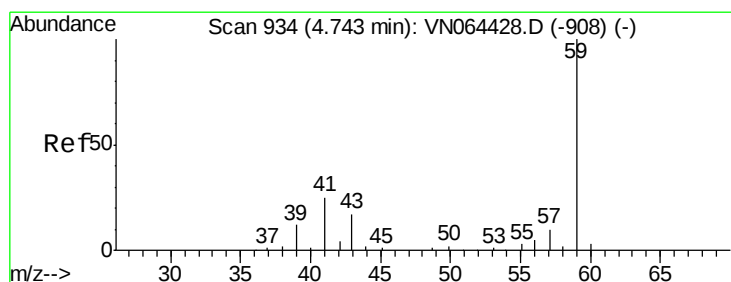
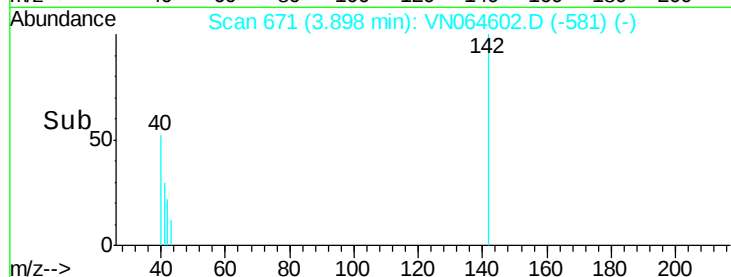
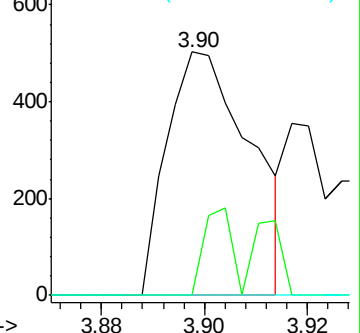
141 0.0 11.4 17.2#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 0.774 ug/l

RT: 4.75 min Scan# 935

Delta R.T. 0.00 min

Lab File: VN064602.D

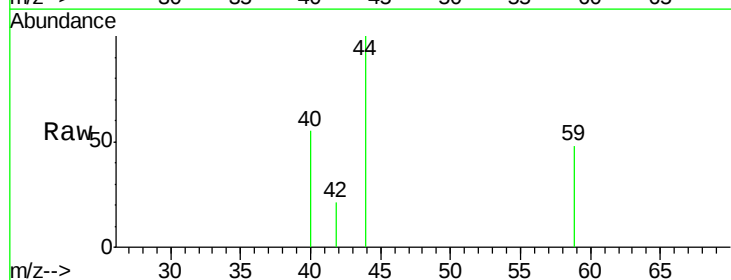
Acq: 13 Nov 2020 00:55

Tgt Ion: 59 Resp: 314

Ion Ratio Lower Upper

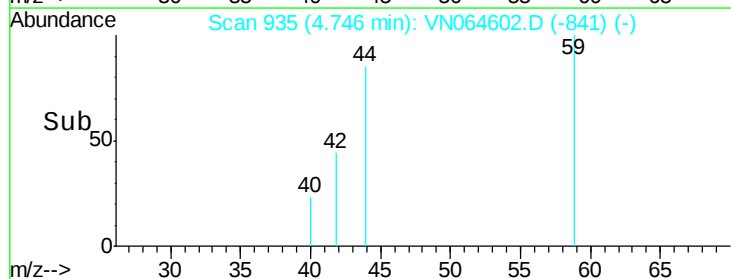
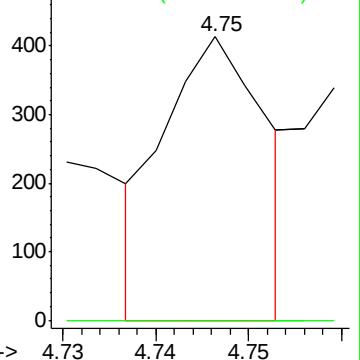
59 100

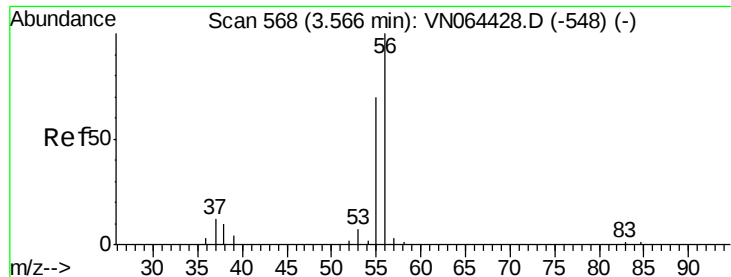
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): V

Ion 57.00 (56.70 to 57.70): V





#13

Acrolein

Concen: 0.266 ug/l

RT: 3.57 min Scan# 570

Delta R.T. 0.01 min

Lab File: VN064602.D

Acq: 13 Nov 2020 00:55

Instrument :

MSVOA_N

ClientSampleId :

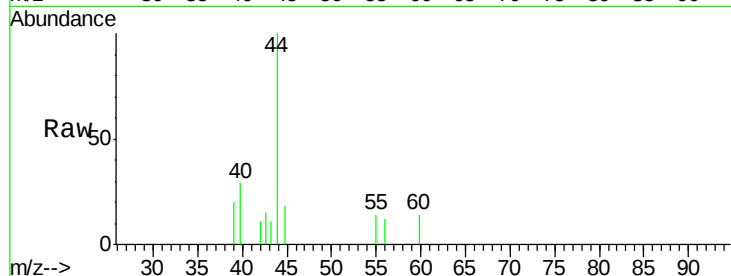
PB132945TB

Tot Ion: 56 Resp: 67

Ion Ratio Lower Upper

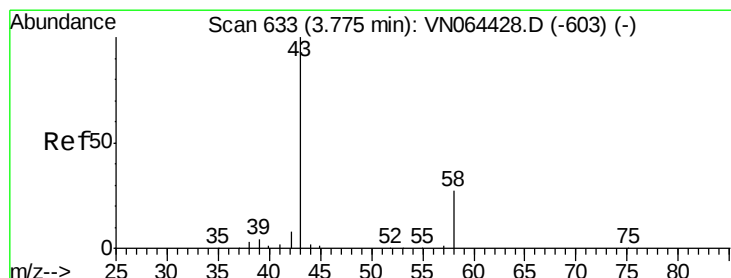
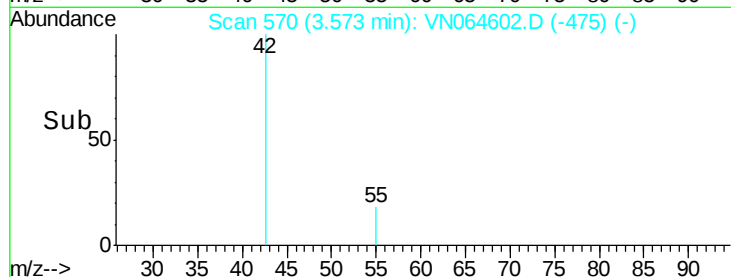
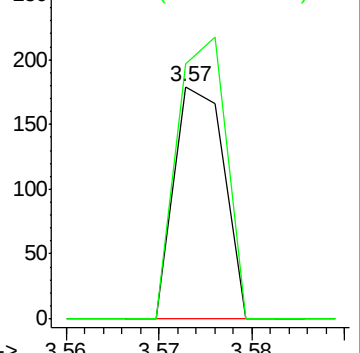
56 100

55 119.4 55.9 83.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 9.026 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN064602.D

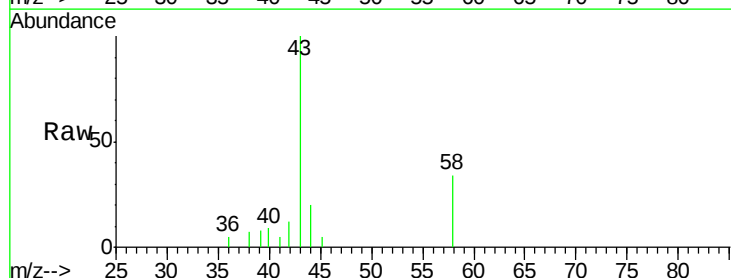
Acq: 13 Nov 2020 00:55

Tgt Ion: 43 Resp: 12649

Ion Ratio Lower Upper

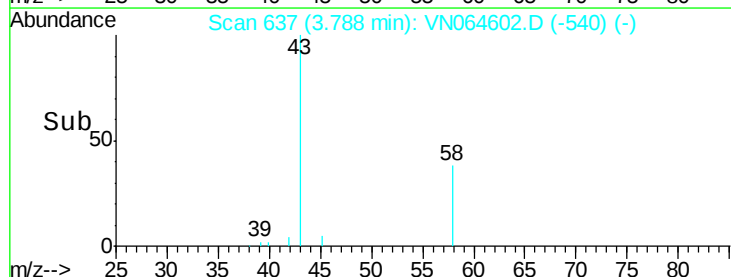
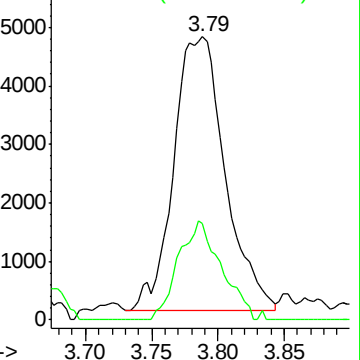
43 100

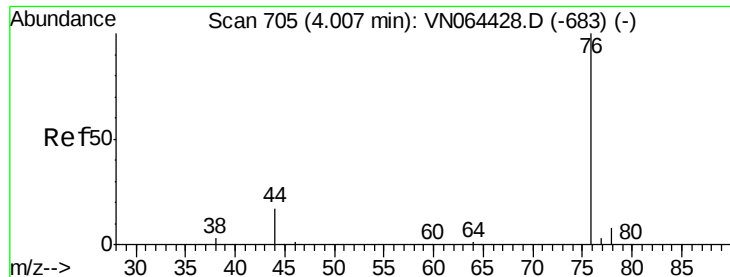
58 35.2 21.4 32.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 0.269 ug/l

RT: 4.01 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN064602.D

Acq: 13 Nov 2020 00:55

Instrument :

MSVOA_N

ClientSampled :

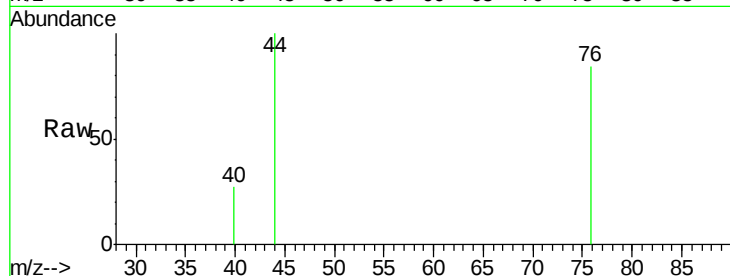
PB132945TB

Tot Ion: 76 Resp: 1819

Ion Ratio Lower Upper

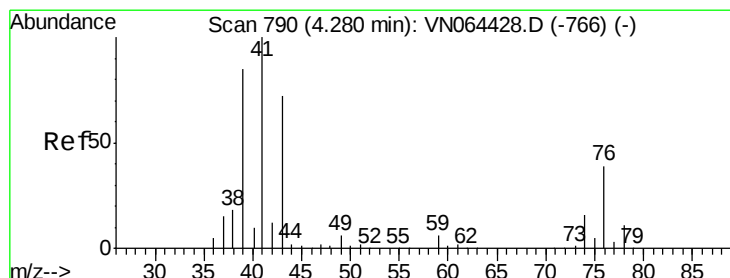
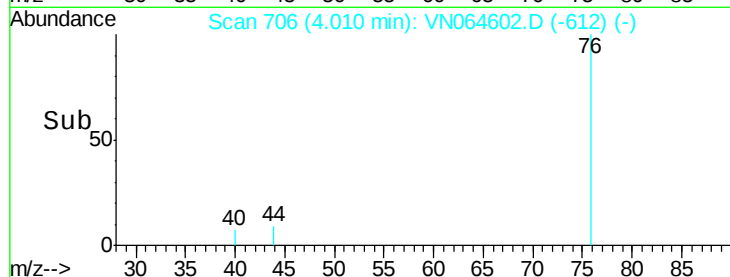
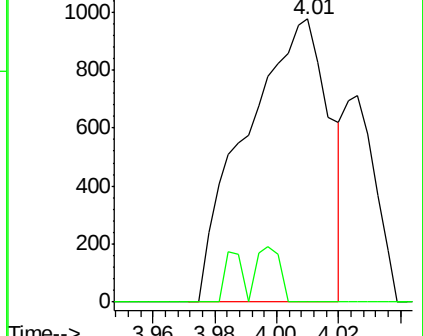
76 100

78 0.0 6.8 10.2#



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 2.112 ug/l

RT: 4.30 min Scan# 795

Delta R.T. 0.02 min

Lab File: VN064602.D

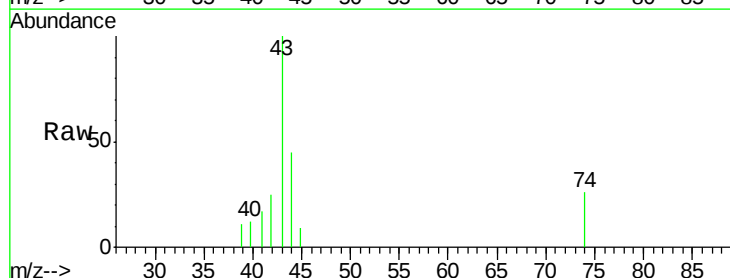
Acq: 13 Nov 2020 00:55

Tgt Ion: 43 Resp: 5819

Ion Ratio Lower Upper

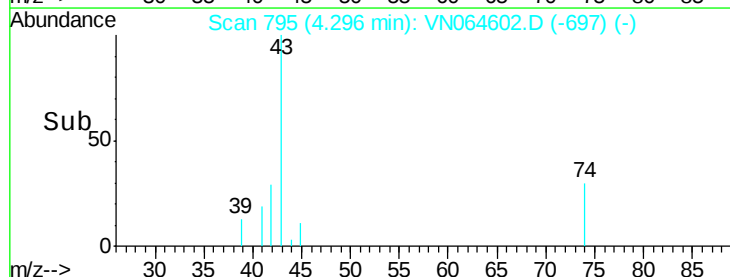
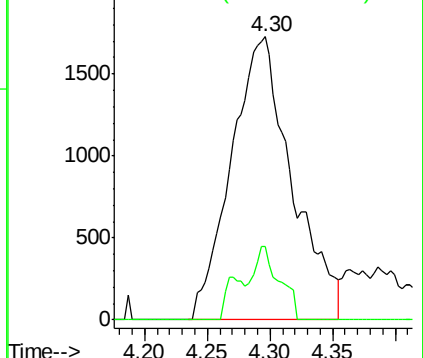
43 100

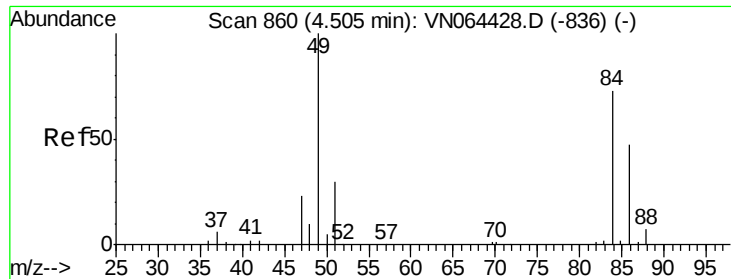
74 11.3 17.0 25.4#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

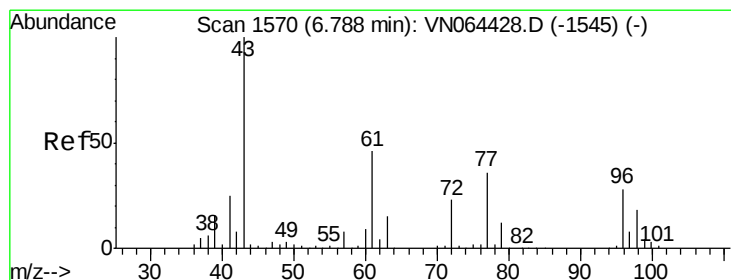
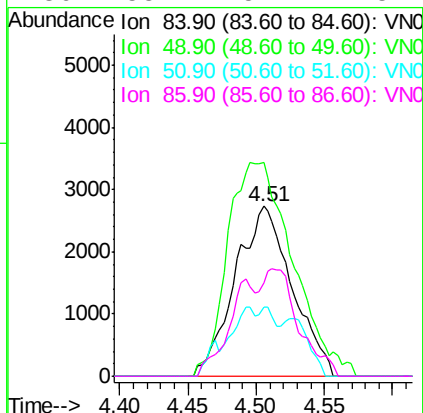
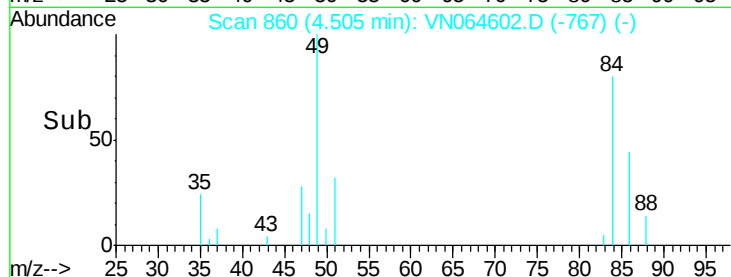
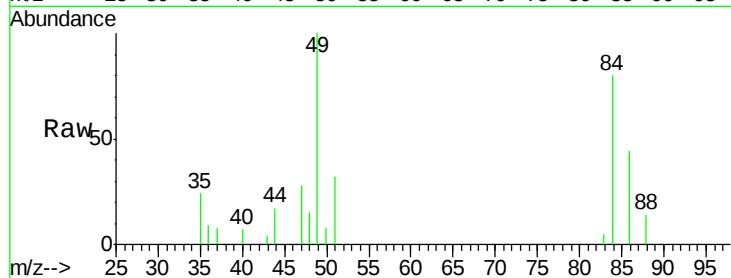




#20
Methvlene Chloride
Concen: 2.845 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN064602.D
Acq: 13 Nov 2020 00:55

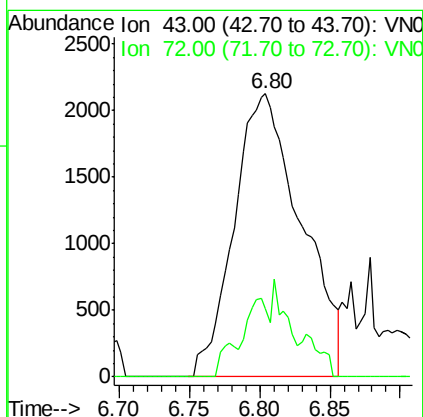
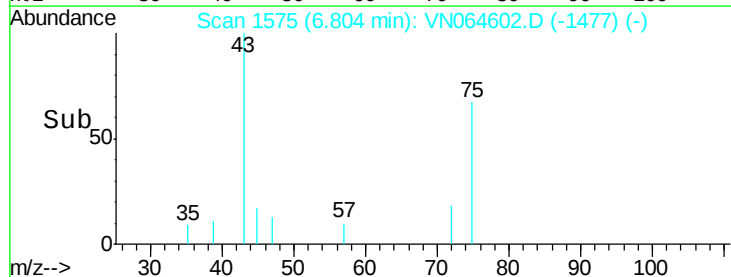
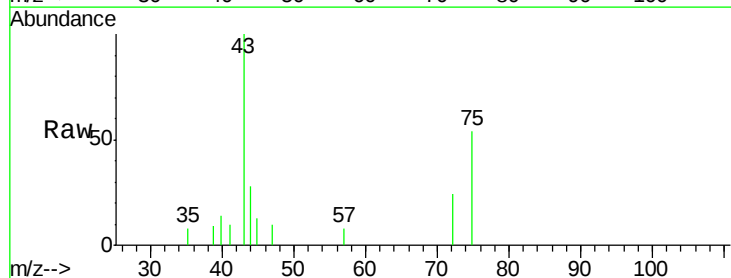
Instrument :
MSVOA_N
ClientSampled :
PB132945TB

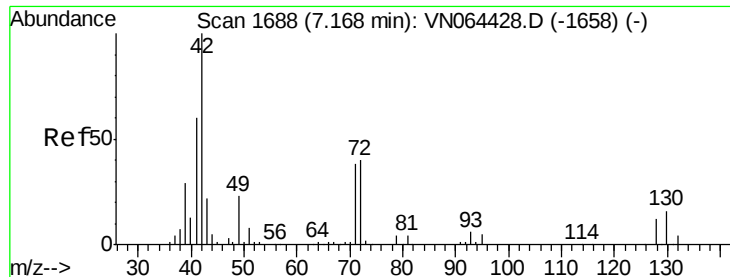
Tot Ion: 84 Resp: 7911
Ion Ratio Lower Upper
84 100
49 125.4 110.1 165.1
51 40.5 33.6 50.4
86 55.1 52.1 78.1



#25
2-Butanone
Concen: 3.958 ug/l
RT: 6.80 min Scan# 1575
Delta R.T. 0.02 min
Lab File: VN064602.D
Acq: 13 Nov 2020 00:55

Tgt Ion: 43 Resp: 7068
Ion Ratio Lower Upper
43 100
72 23.9 18.5 27.7





#29

Tetrahydrofuran

Concen: 0.894 ug/l

RT: 7.19 min Scan# 1694

Delta R.T. 0.02 min

Lab File: VN064602.D

Acq: 13 Nov 2020 00:55

Instrument :

MSVOA_N

ClientSampleId :

PB132945TB

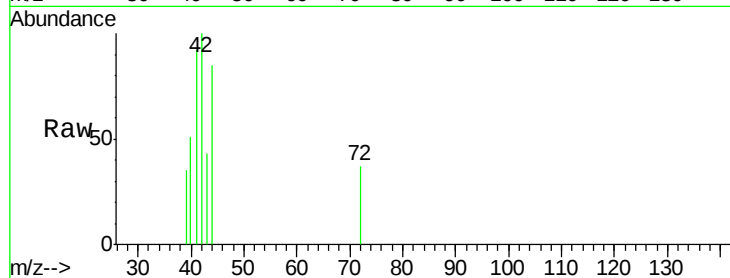
Tot Ion: 42 Resp: 979

Ion Ratio Lower Upper

42 100

72 23.6 31.7 47.5#

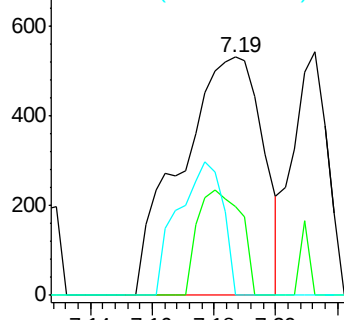
71 30.6 29.8 44.6



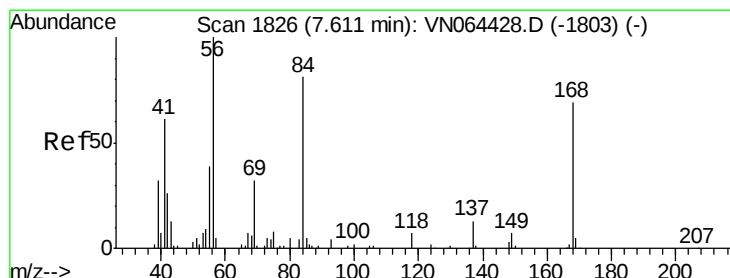
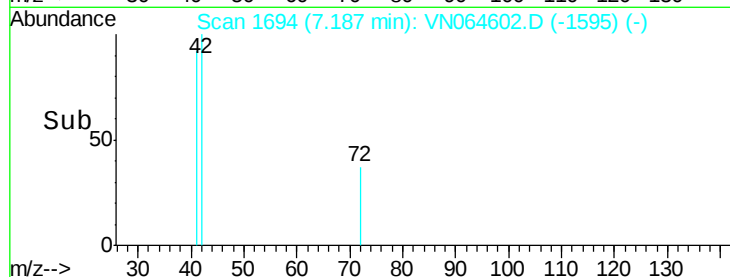
Abundance Ion 42.00 (41.70 to 42.70): VNO

Ion 72.00 (71.70 to 72.70): VNO

Ion 71.00 (70.70 to 71.70): VNO



Time-->



#31

Cyclohexane

Concen: 1.349 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. 0.01 min

Lab File: VN064602.D

Acq: 13 Nov 2020 00:55

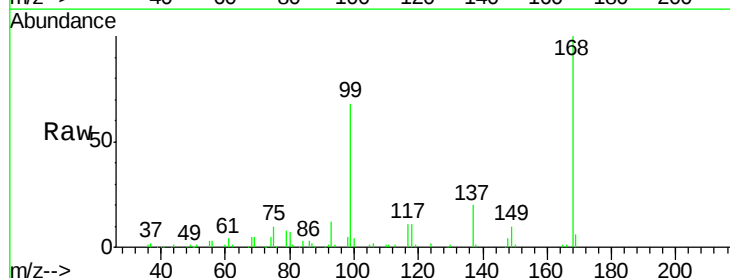
Tgt Ion: 56 Resp: 6035

Ion Ratio Lower Upper

56 100

69 152.0 25.6 38.4#

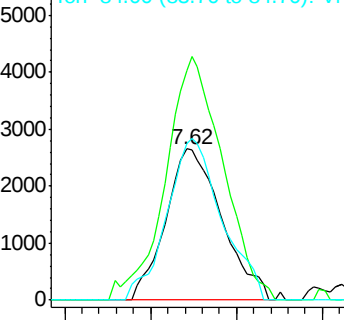
84 103.2 63.0 94.6#



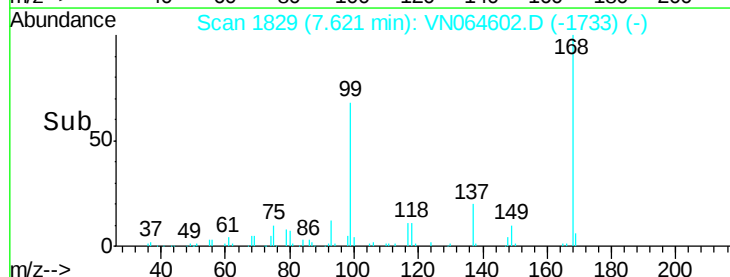
Abundance Ion 56.00 (55.70 to 56.70): VNO

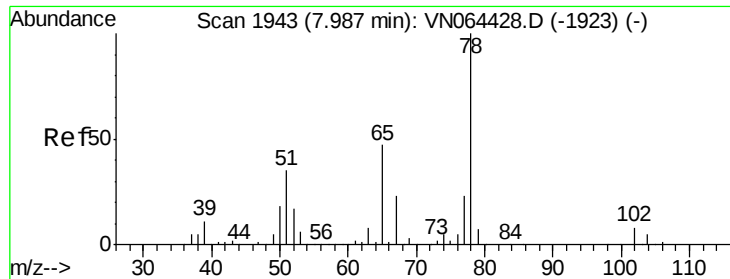
Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO



Time-->





#33

1,2-Dichloroethane-d4

Concen: 56.764 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064602.D

Acq: 13 Nov 2020 00:55

Instrument :

MSVOA_N

ClientSampleId :

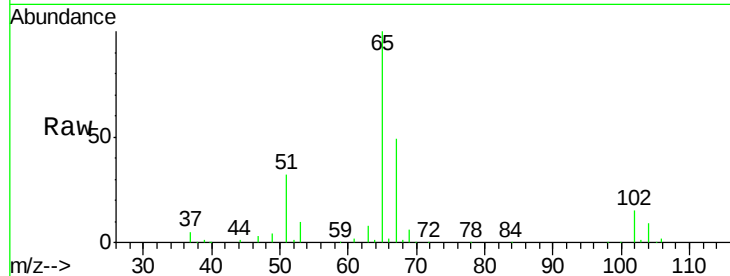
PB132945TB

Tot Ion: 65 Resp: 208838

Ion Ratio Lower Upper

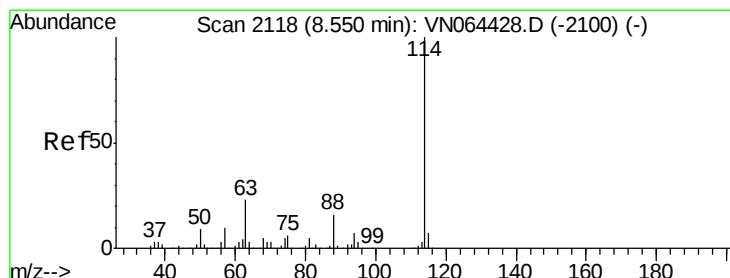
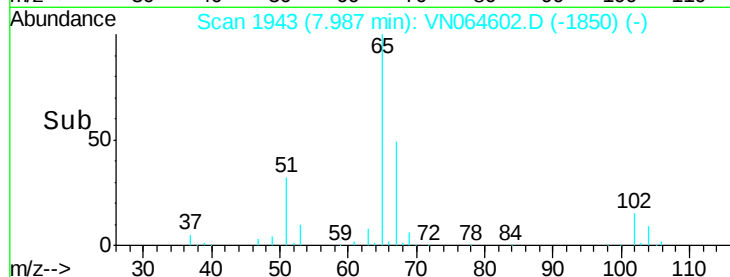
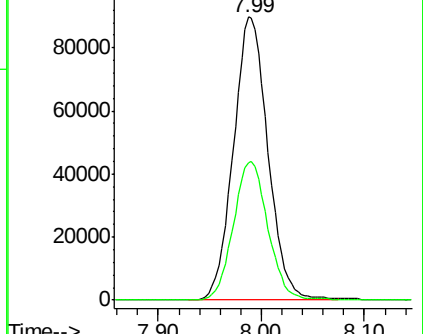
65 100

67 49.1 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN064428.D (-1923) (-)

Ion 66.90 (66.60 to 67.60): VN064428.D (-1923) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN064602.D

Acq: 13 Nov 2020 00:55

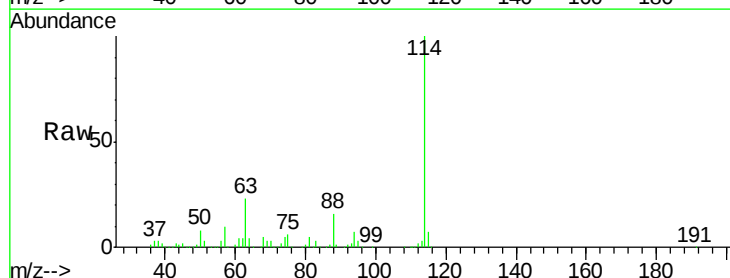
Tgt Ion: 114 Resp: 441120

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

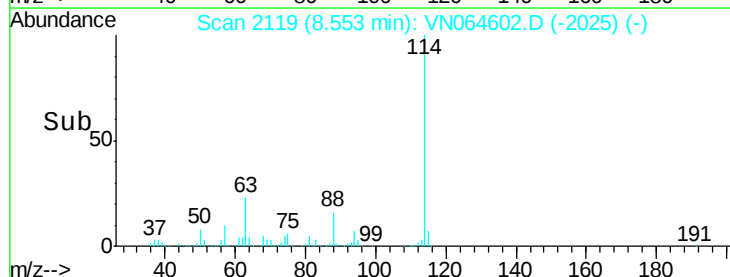
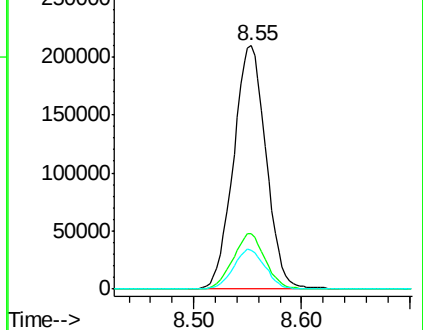
88 16.2 0.0 32.8

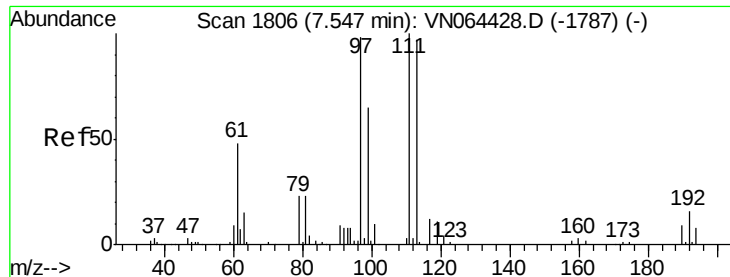


Abundance Ion 113.90 (113.60 to 114.60): VN064428.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN064428.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN064428.D (-2100) (-)

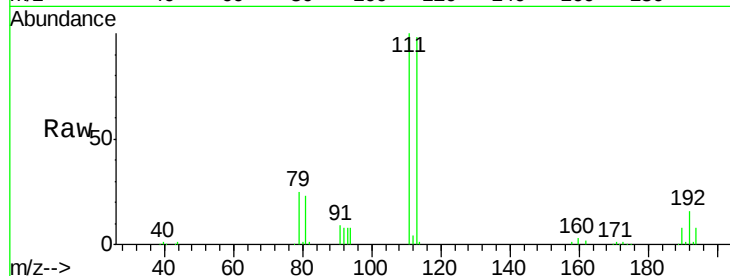




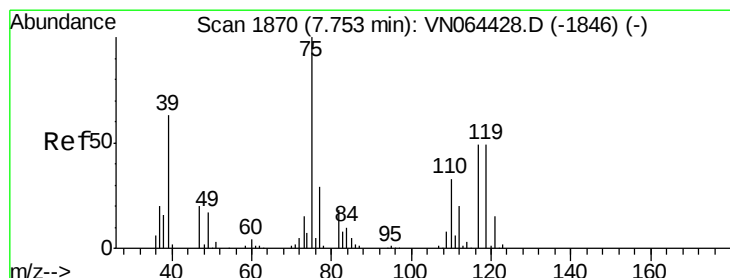
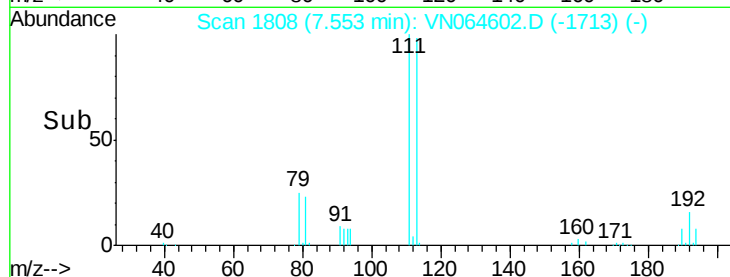
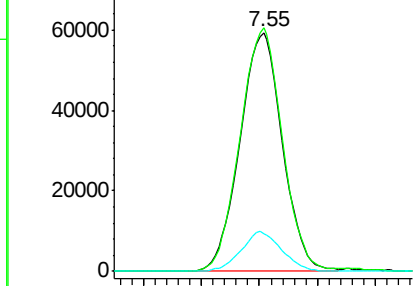
#35
 Dibromofluoromethane
 Concen: 50.253 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN064602.D
 Acq: 13 Nov 2020 00:55

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132945TB

Tot Ion:113 Resp: 150930
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.1 121.7
 192 16.0 12.8 19.2

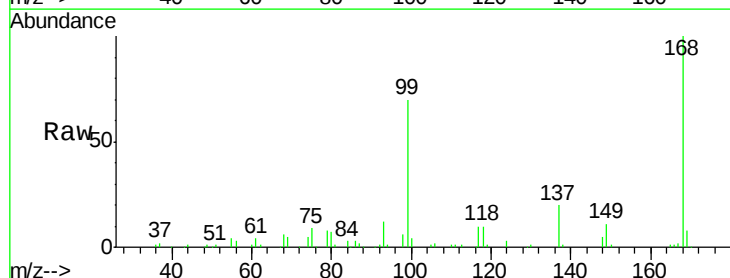


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

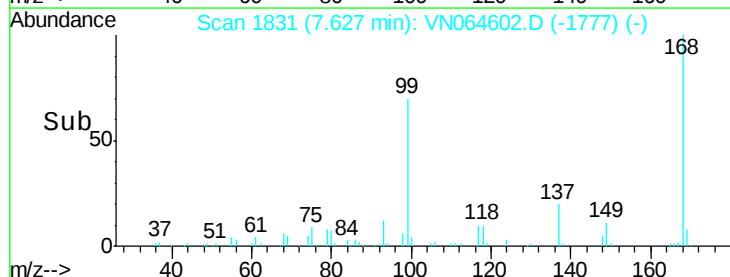
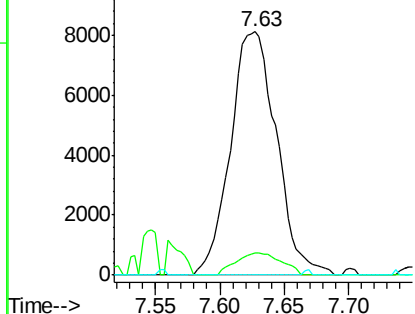


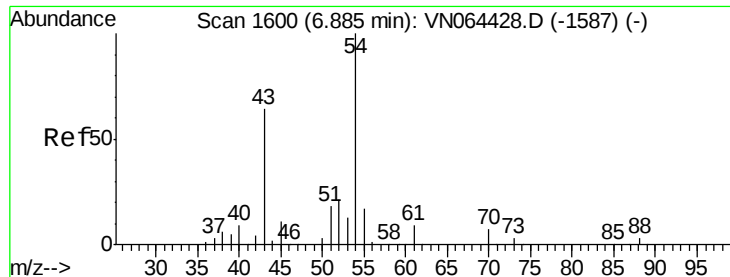
#36
 1,1-Dichloropropene
 Concen: 4.332 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN064602.D
 Acq: 13 Nov 2020 00:55

Tgt Ion: 75 Resp: 20187
 Ion Ratio Lower Upper
 75 100
 110 8.9 16.0 48.0#
 77 0.0 24.0 36.0#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

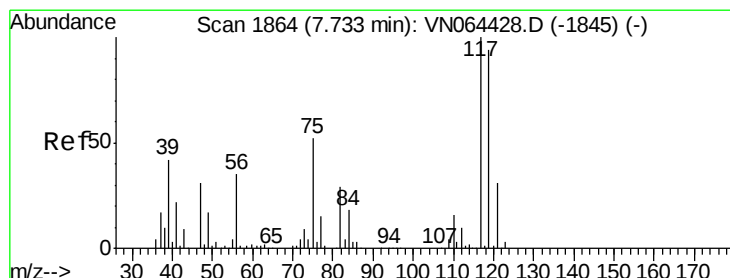
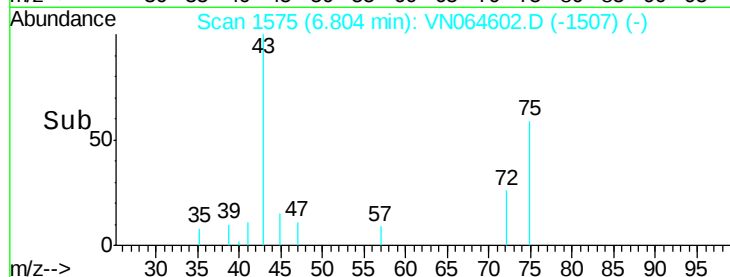
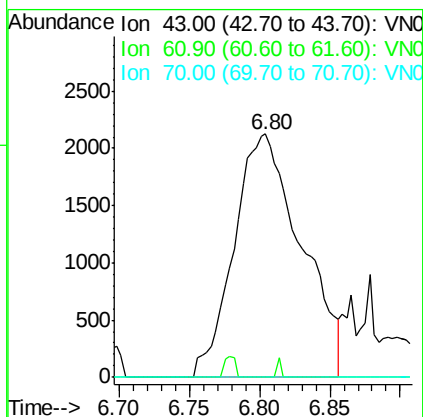
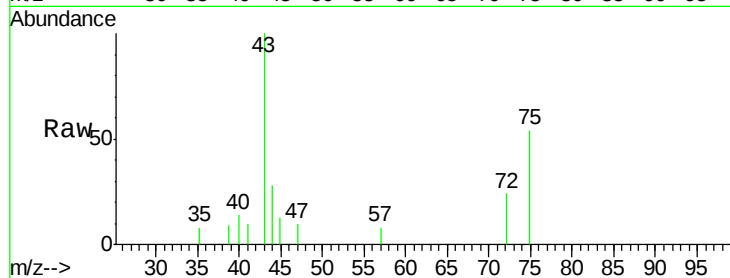




#37
Ethyl Acetate
Concen: 2.234 ug/l
RT: 6.80 min Scan# 1575
Delta R.T. -0.08 min
Lab File: VN064602.D
Acq: 13 Nov 2020 00:55

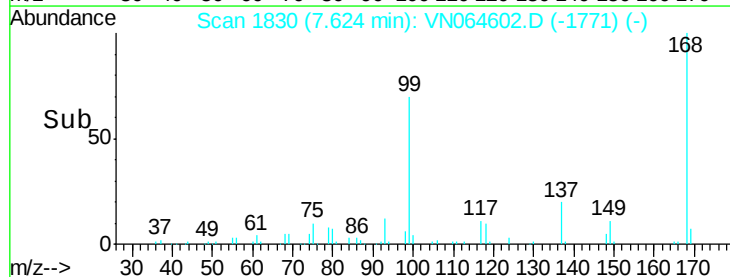
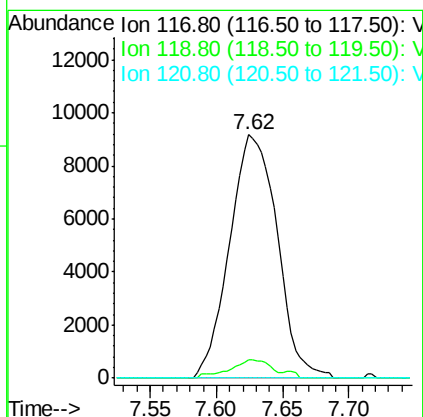
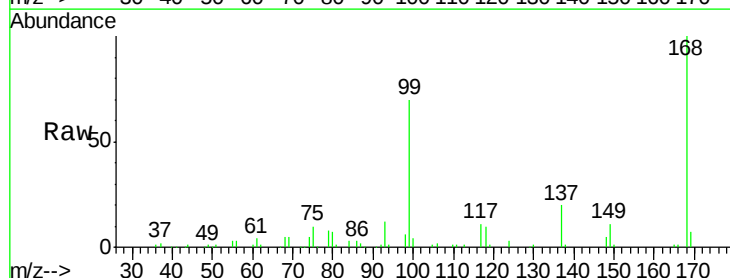
Instrument :
MSVOA_N
ClientSampleId :
PB132945TB

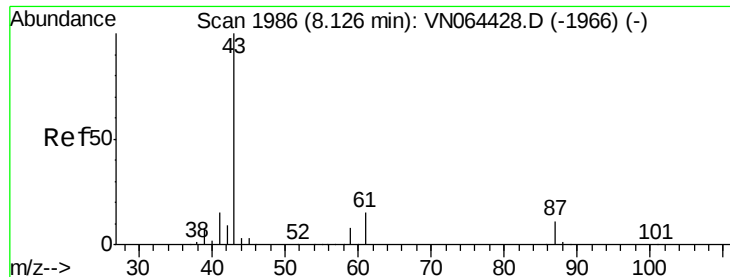
Tot Ion: 43 Resp: 7068
Ion Ratio Lower Upper
43 100
61 0.5 10.0 15.0#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 4.594 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN064602.D
Acq: 13 Nov 2020 00:55

Tgt Ion: 117 Resp: 22881
Ion Ratio Lower Upper
117 100
119 7.4 75.5 113.3#
121 0.0 24.4 36.6#





#43

Isopropyl Acetate

Concen: 13.671 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064602.D

Acq: 13 Nov 2020 00:55

Instrument :

MSVOA_N

ClientSampled :

PB132945TB

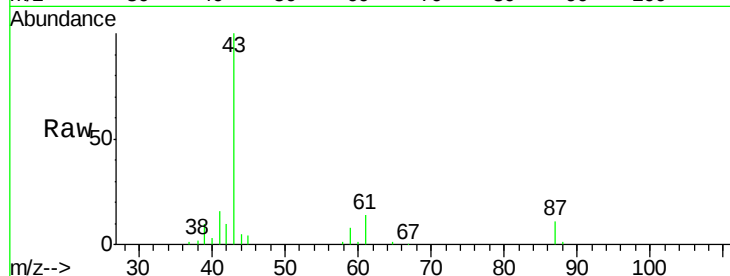
Tot Ion: 43 Resp: 103242

Ion Ratio Lower Upper

43 100

61 16.5 14.0 21.0

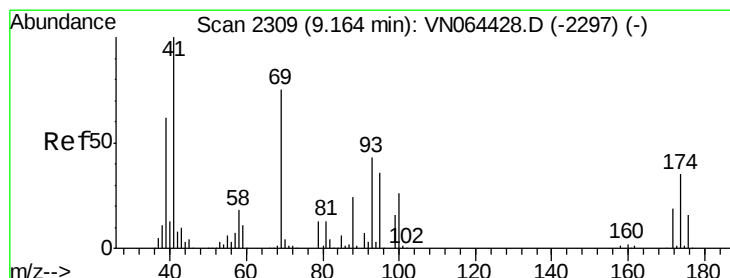
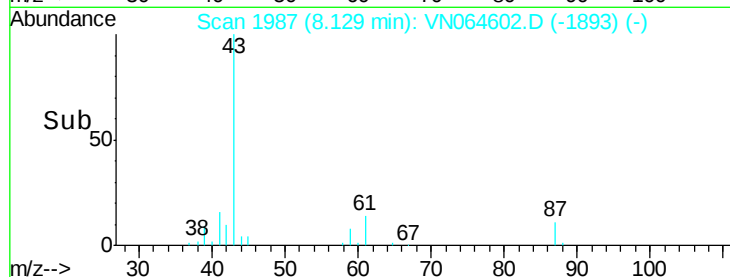
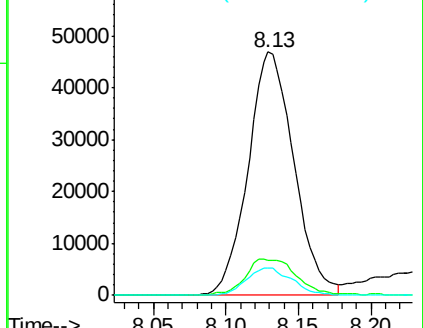
87 11.2 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064602.D (-1987) (-)

Ion 61.00 (60.70 to 61.70): VN064602.D (-1987) (-)

Ion 87.00 (86.70 to 87.70): VN064602.D (-1987) (-)



#48

Methyl methacrylate

Concen: 1.886 ug/l

RT: 9.14 min Scan# 2301

Delta R.T. -0.03 min

Lab File: VN064602.D

Acq: 13 Nov 2020 00:55

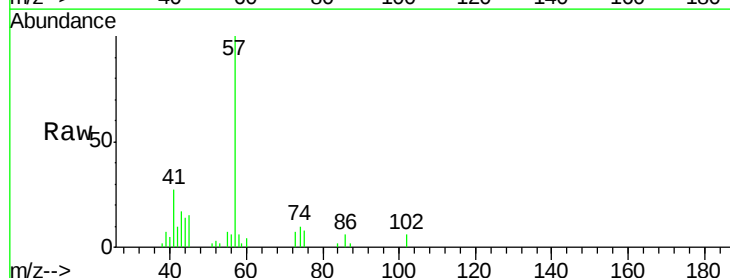
Tgt Ion: 41 Resp: 7187

Ion Ratio Lower Upper

41 100

69 0.0 60.4 90.6#

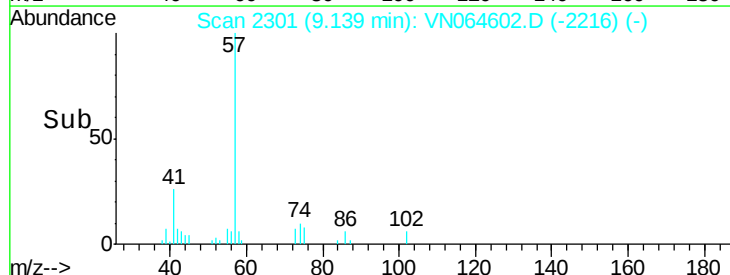
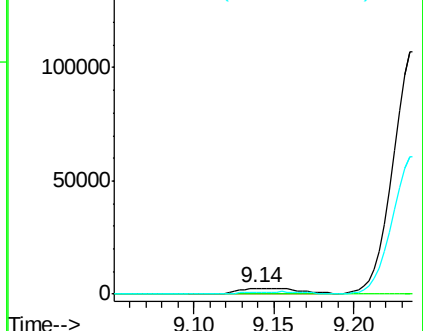
39 0.0 51.2 76.8#

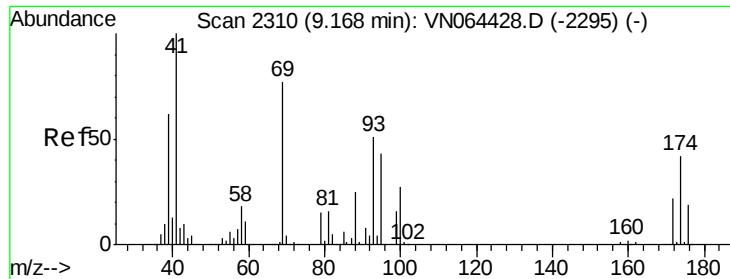


Abundance Ion 41.00 (40.70 to 41.70): VN064602.D (-2301) (-)

Ion 69.00 (68.70 to 69.70): VN064602.D (-2301) (-)

Ion 39.00 (38.70 to 39.70): VN064602.D (-2301) (-)





#49

1,4-Dioxane

Concen: 3.128 ug/l

RT: 9.23 min Scan# 2330

Delta R.T. 0.06 min

Lab File: VN064602.D

Acq: 13 Nov 2020 00:55

Instrument :

MSVOA_N

ClientSampled :

PB132945TB

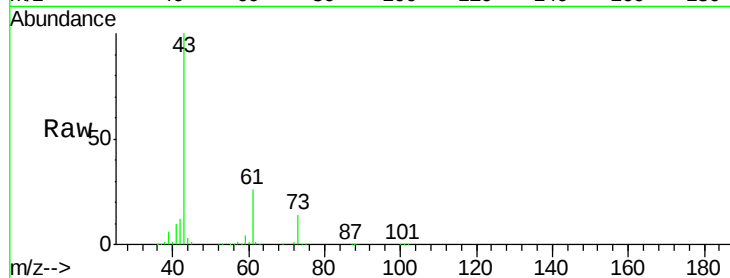
Tot Ion: 88 Resp: 157

Ion Ratio Lower Upper

88 100

43 1227761.8 31.0 46.6#

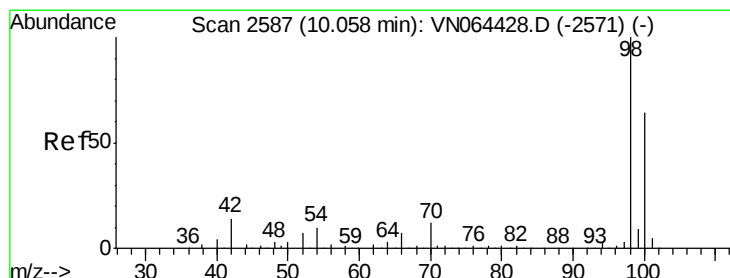
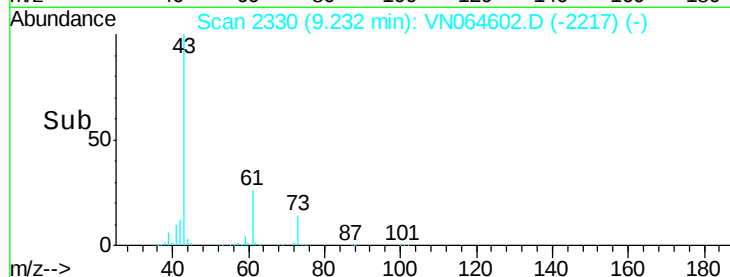
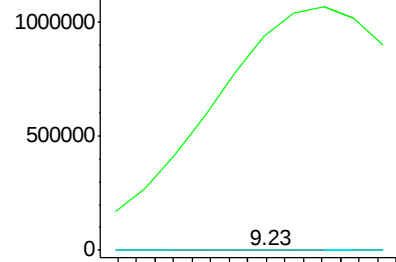
58 6114.6 58.4 87.6#



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: 49.444 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064602.D

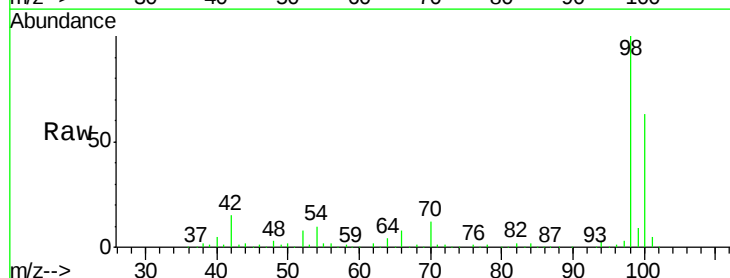
Acq: 13 Nov 2020 00:55

Tgt Ion: 98 Resp: 573956

Ion Ratio Lower Upper

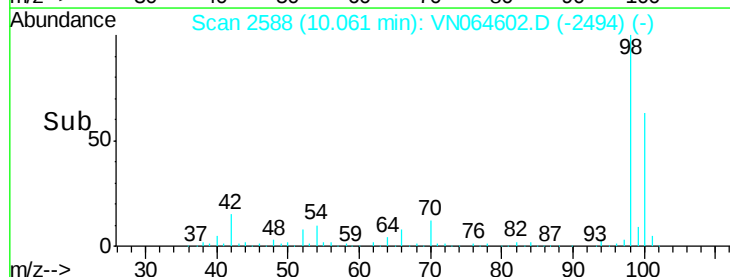
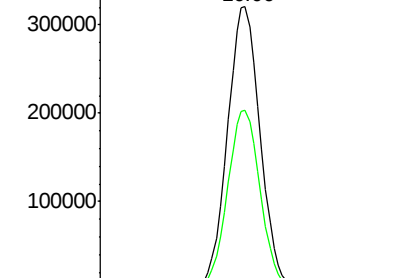
98 100

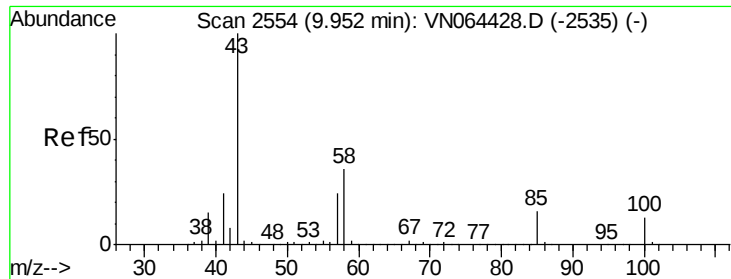
100 63.6 50.7 76.1



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: 2.260 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN064602.D

Acq: 13 Nov 2020 00:55

Instrument :

MSVOA_N

ClientSampled :

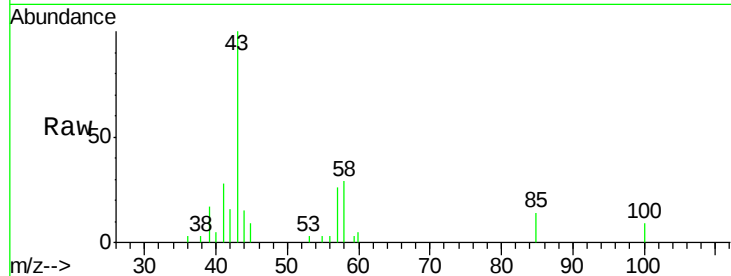
PB132945TB

Tot Ion: 43 Resp: 9953

Ion Ratio Lower Upper

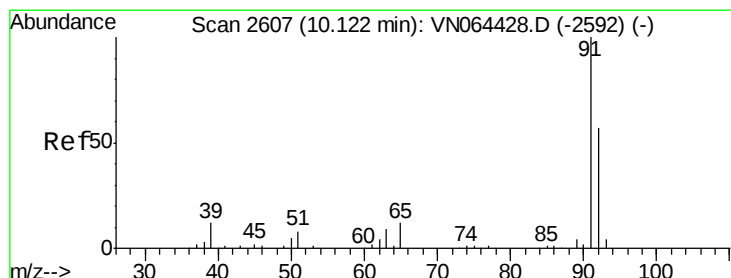
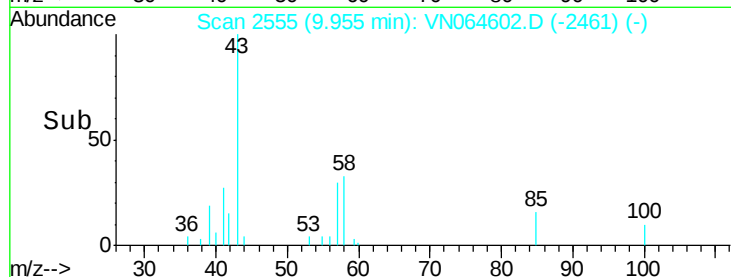
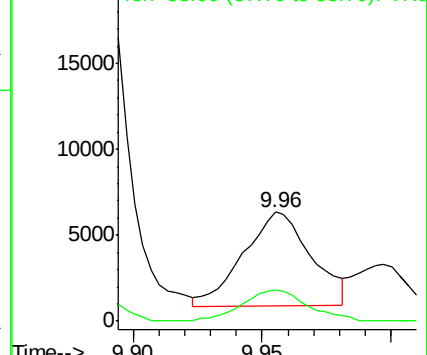
43 100

58 32.1 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 0.446 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064602.D

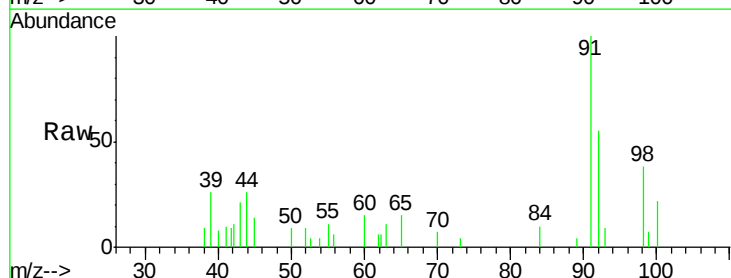
Acq: 13 Nov 2020 00:55

Tgt Ion: 92 Resp: 3728

Ion Ratio Lower Upper

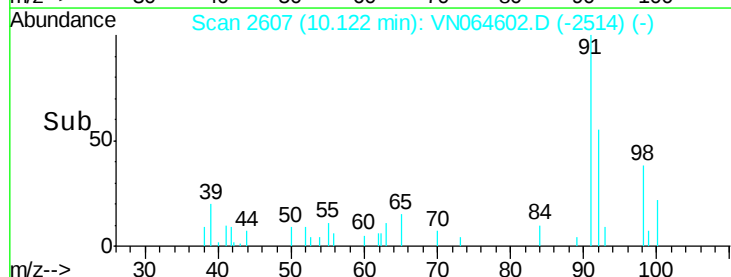
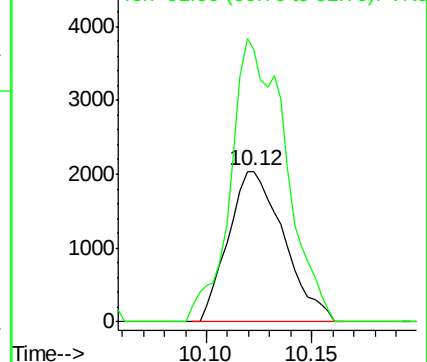
92 100

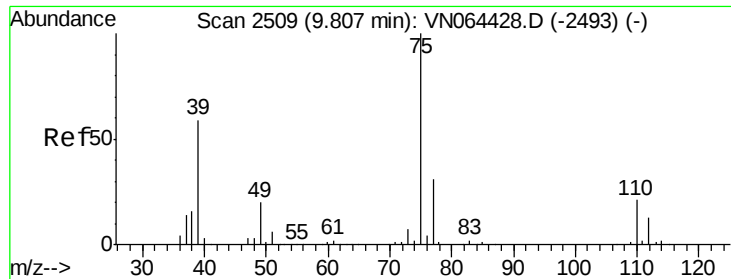
91 186.4 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#54

cis-1,3-Dichloropropene

Concen: 7.063 ug/l

RT: 9.87 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN064602.D

Acq: 13 Nov 2020 00:55

Instrument :

MSVOA_N

ClientSampleId :

PB132945TB

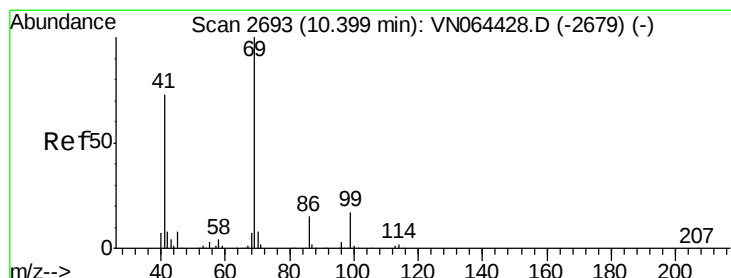
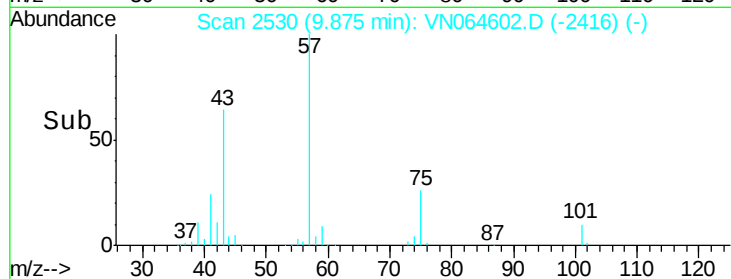
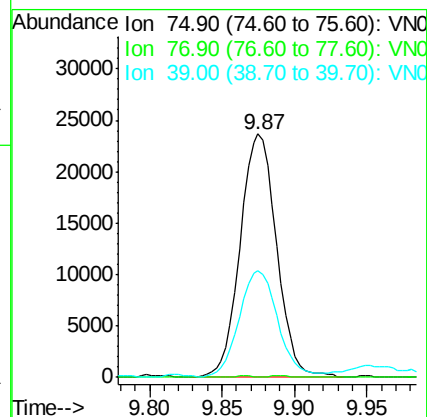
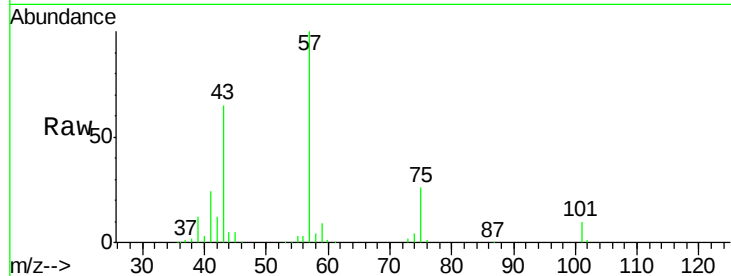
Tot Ion: 75 Resp: 41407

Ion Ratio Lower Upper

75 100

77 0.0 24.9 37.3#

39 43.2 47.1 70.7#



#56

Ethyl methacrylate

Concen: 2.607 ug/l

RT: 10.51 min Scan# 2729

Delta R.T. 0.12 min

Lab File: VN064602.D

Acq: 13 Nov 2020 00:55

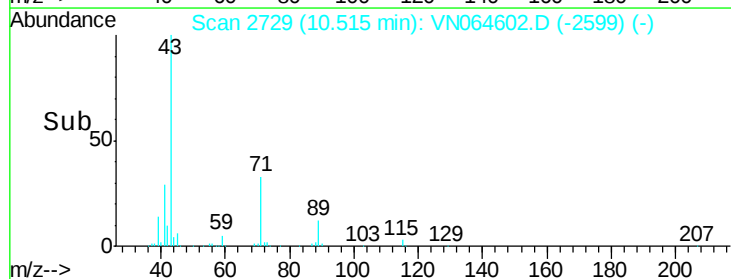
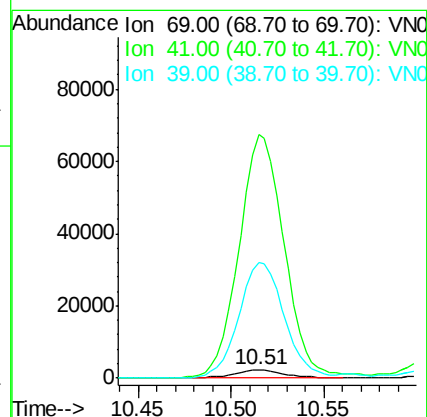
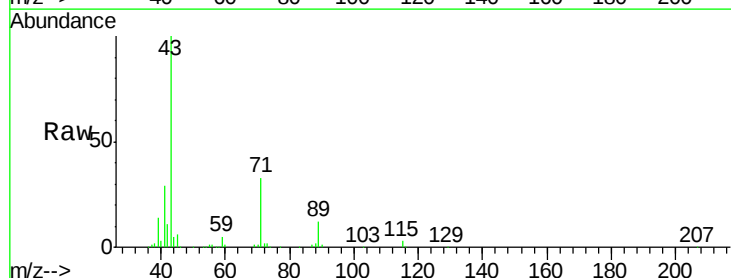
Tgt Ion: 69 Resp: 4264

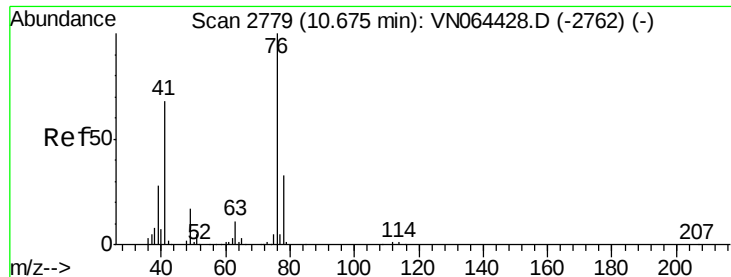
Ion Ratio Lower Upper

69 100

41 2704.2 59.3 88.9#

39 1291.6 35.4 53.0#





#57

1,3-Dichloropropane

Concen: 1.362 ug/l

RT: 10.74 min Scan# 2798

Delta R.T. 0.06 min

Lab File: VN064602.D

Acq: 13 Nov 2020 00:55

Instrument :

MSVOA_N

ClientSampleId :

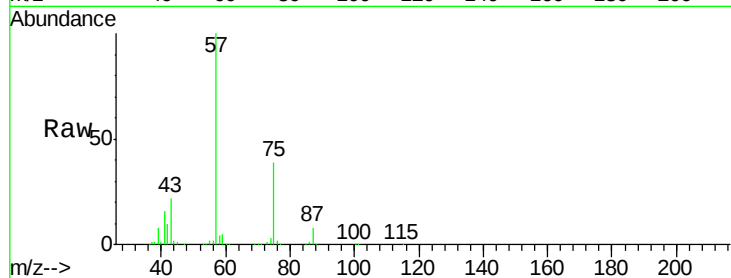
PB132945TB

Tot Ion: 76 Resp: 7742

Ion Ratio Lower Upper

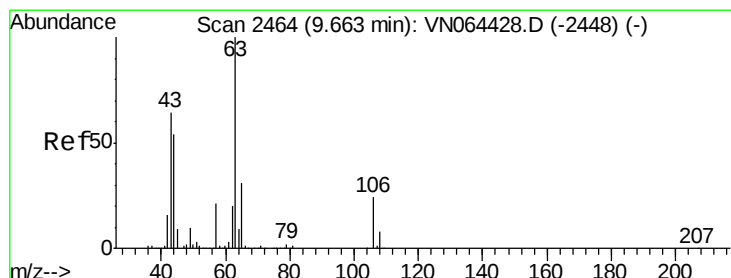
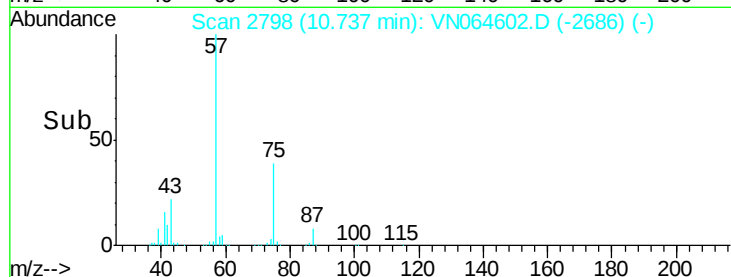
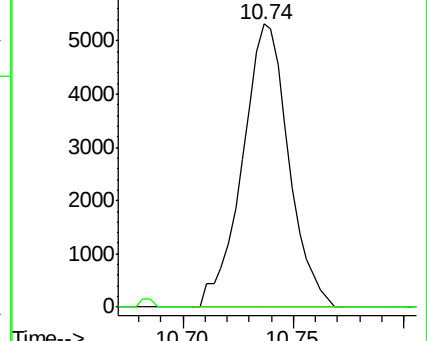
76 100

78 0.0 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 21.592 ug/l

RT: 9.67 min Scan# 2466

Delta R.T. 0.01 min

Lab File: VN064602.D

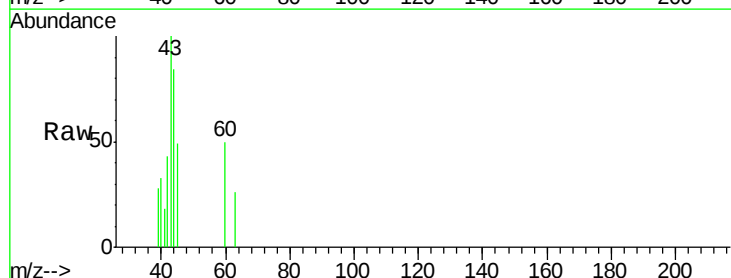
Acq: 13 Nov 2020 00:55

Tgt Ion: 63 Resp: 149

Ion Ratio Lower Upper

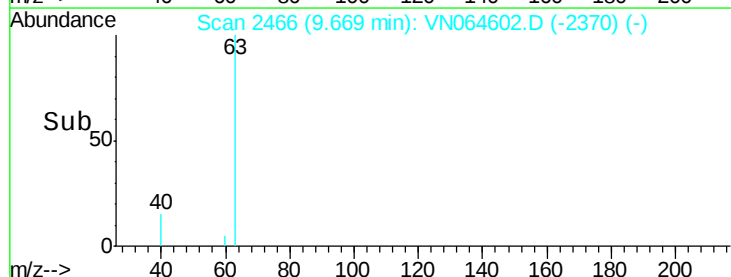
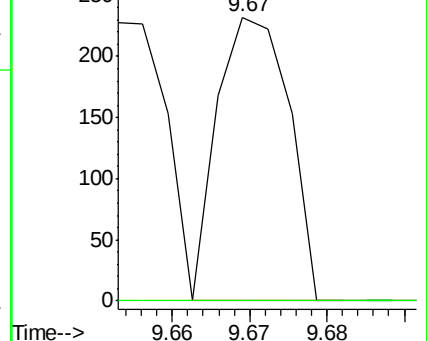
63 100

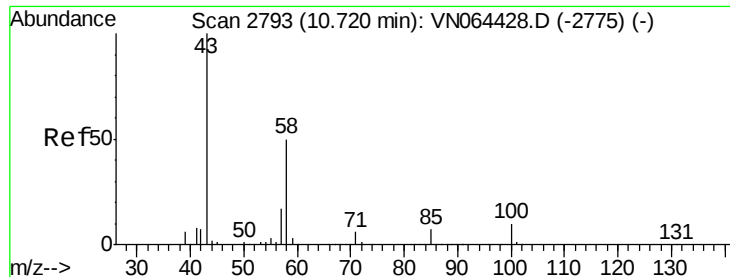
106 0.0 19.5 29.3#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

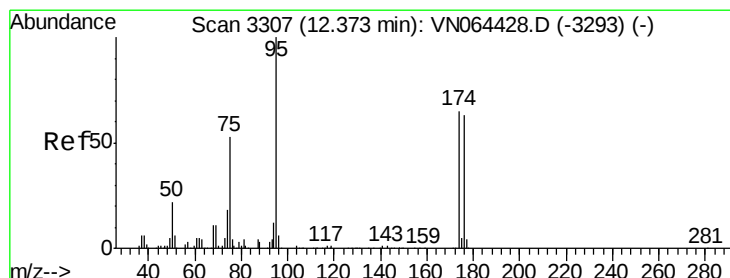
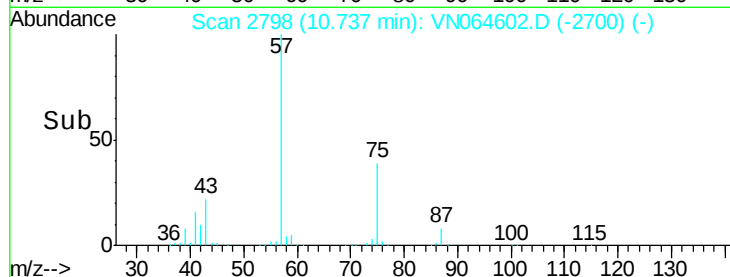
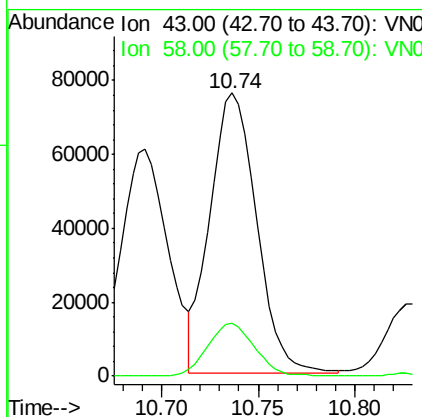
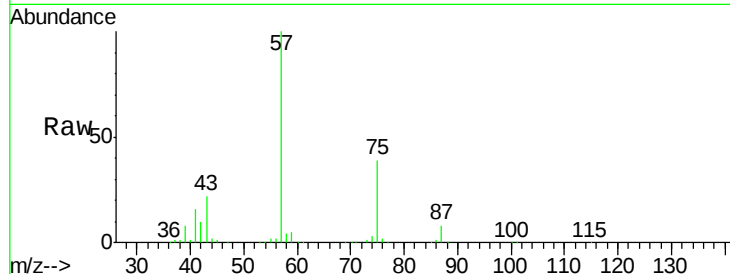




#59
2-Hexanone
Concen: 38.797 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.02 min
Lab File: VN064602.D
Acq: 13 Nov 2020 00:55

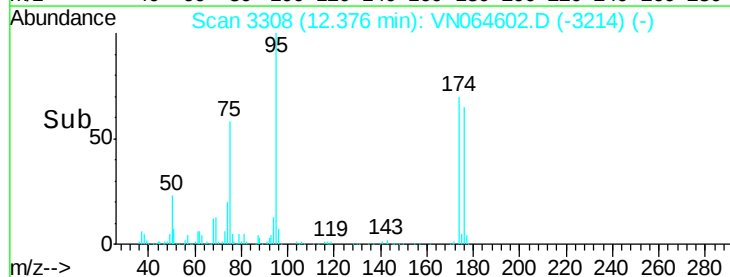
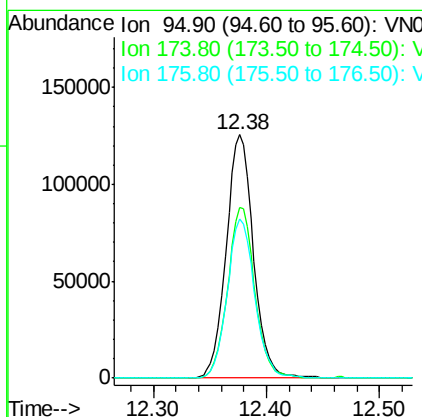
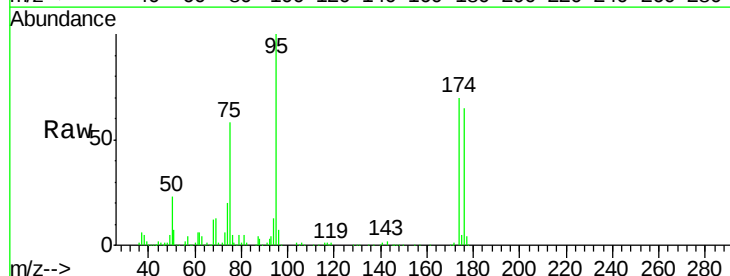
Instrument :
MSVOA_N
ClientSampled :
PB132945TB

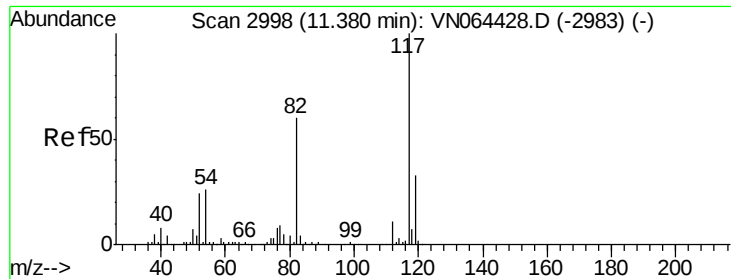
Tot Ion: 43 Resp: 126911
Ion Ratio Lower Upper
43 100
58 19.2 24.7 74.1#



#62
4-Bromofluorobenzene
Concen: 47.917 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064602.D
Acq: 13 Nov 2020 00:55

Tgt Ion: 95 Resp: 210359
Ion Ratio Lower Upper
95 100
174 69.7 0.0 132.6
176 66.2 0.0 129.2

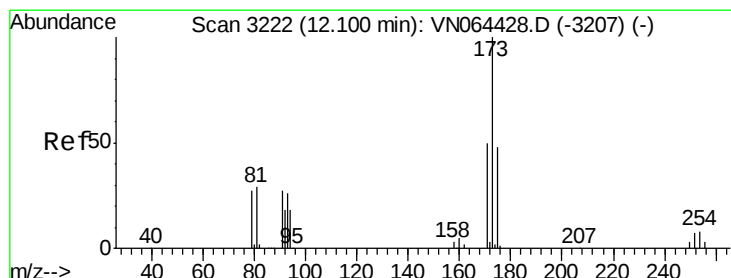
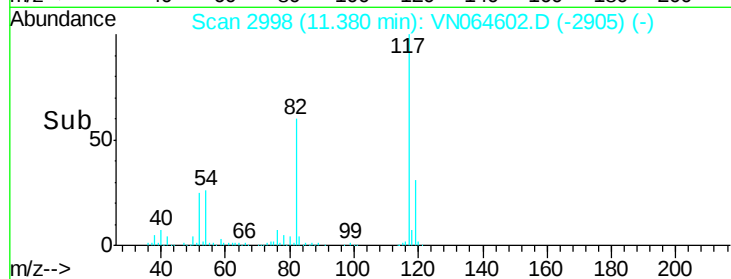
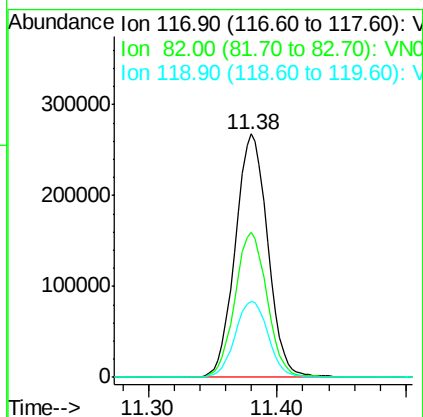
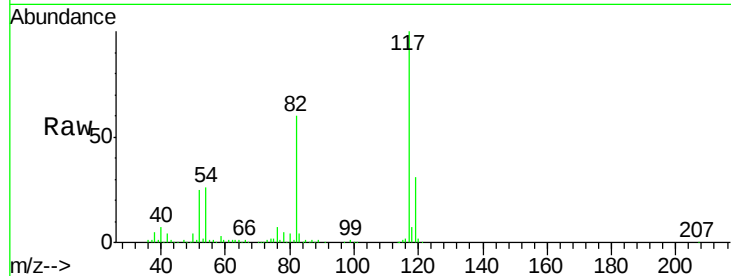




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064602.D
Acq: 13 Nov 2020 00:55

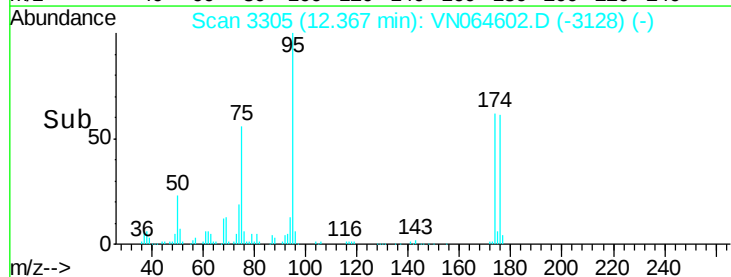
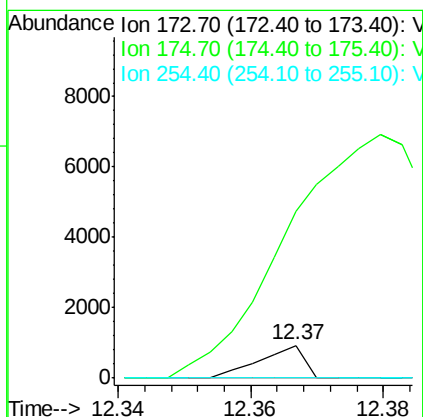
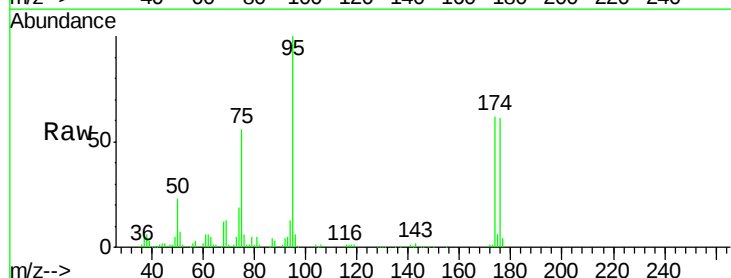
Instrument :
MSVOA_N
ClientSampleId :
PB132945TB

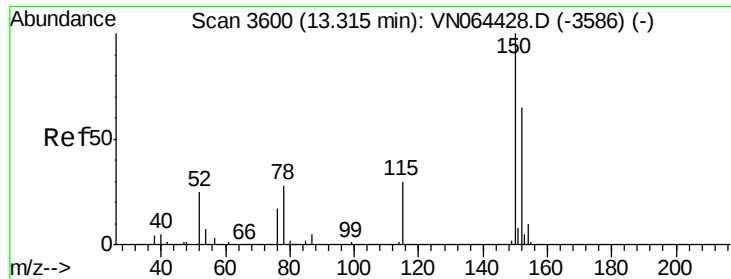
Tot Ion:117 Resp: 469129
Ion Ratio Lower Upper
117 100
82 59.6 48.1 72.1
119 31.4 26.2 39.4



#71
Bromoform
Concen: 1.424 ug/l
RT: 12.37 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN064602.D
Acq: 13 Nov 2020 00:55

Tgt Ion:173 Resp: 439
Ion Ratio Lower Upper
173 100
175 2187.2 23.7 71.1#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064602.D

Acq: 13 Nov 2020 00:55

Instrument :

MSVOA_N

ClientSampleId :

PB132945TB

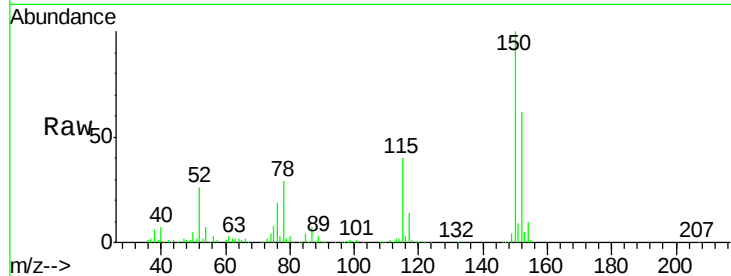
Tot Ion:152 Resp: 161037

Ion Ratio Lower Upper

152 100

115 64.8 32.0 96.0

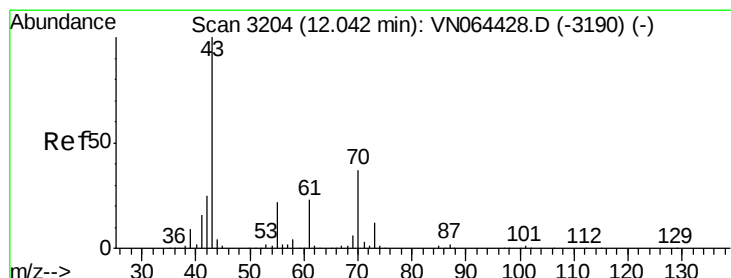
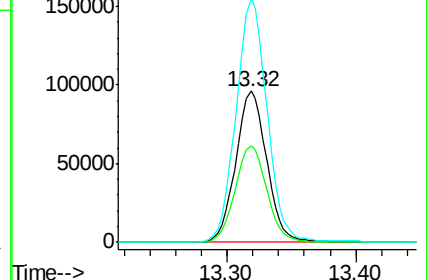
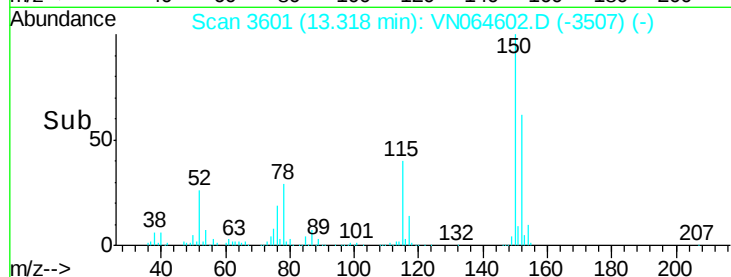
150 160.8 0.0 353.8



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: 1.841 ug/l

RT: 12.00 min Scan# 3192

Delta R.T. -0.04 min

Lab File: VN064602.D

Acq: 13 Nov 2020 00:55

Tgt Ion: 43 Resp: 3985

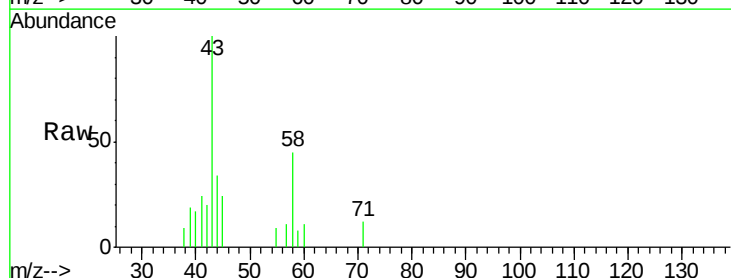
Ion Ratio Lower Upper

43 100

70 0.0 29.6 44.4#

55 4.3 18.4 27.6#

61 0.0 17.8 26.6#

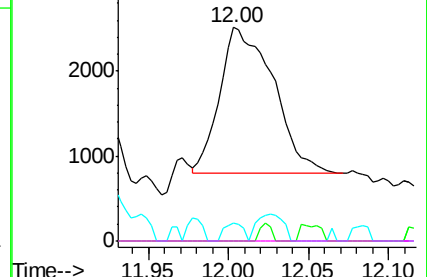
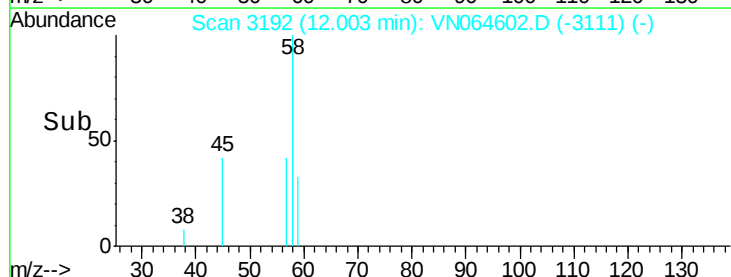


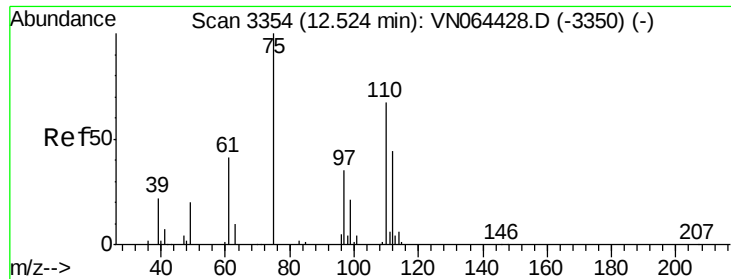
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 30.609 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064602.D

Acq: 13 Nov 2020 00:55

Instrument :

MSVOA_N

ClientSampled :

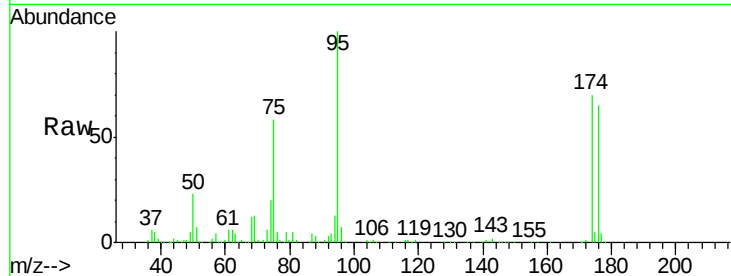
PB132945TB

Tot Ion: 75 Resp: 119430

Ion Ratio Lower Upper

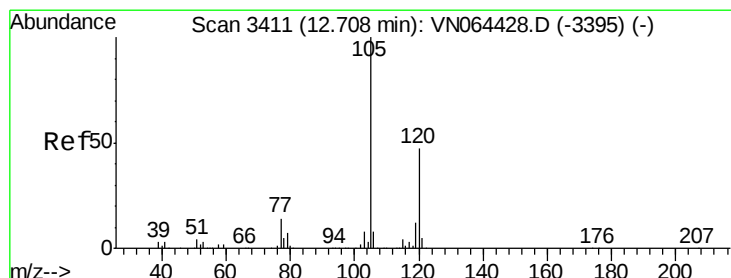
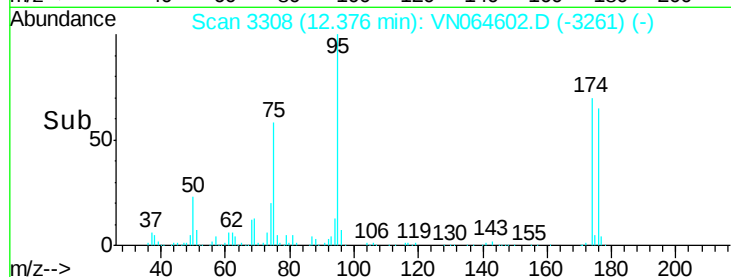
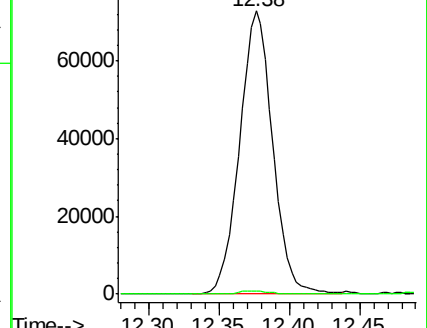
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN064428.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN064428.D (-3350) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.394 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064602.D

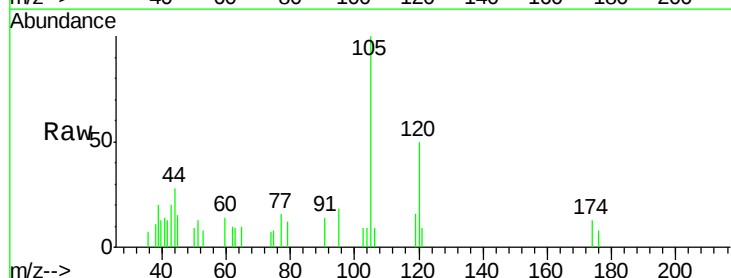
Acq: 13 Nov 2020 00:55

Tgt Ion: 105 Resp: 4162

Ion Ratio Lower Upper

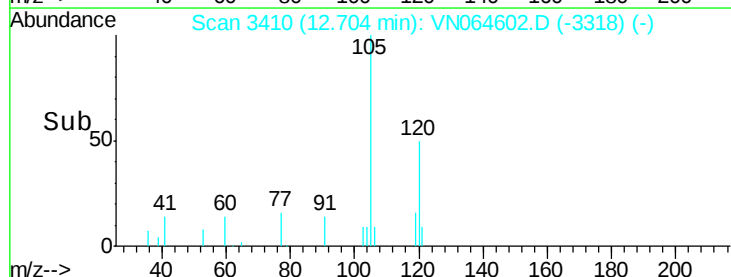
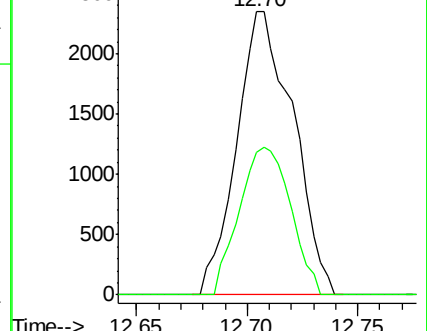
105 100

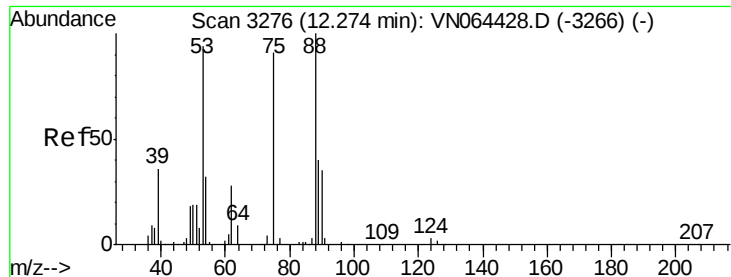
120 47.4 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064428.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN064428.D (-3395) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 85.464 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064602.D

Acq: 13 Nov 2020 00:55

Instrument :

MSVOA_N

ClientSampleId :

PB132945TB

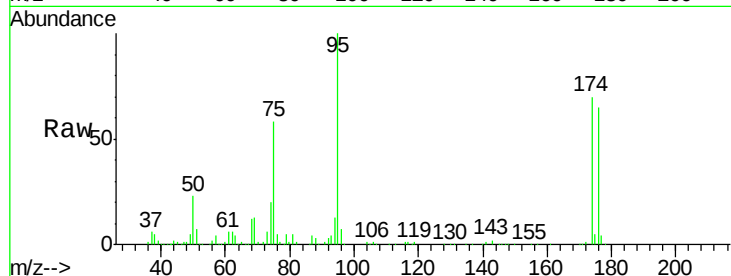
Tot Ion: 75 Resp: 119430

Ion Ratio Lower Upper

75 100

53 0.1 84.0 126.0#

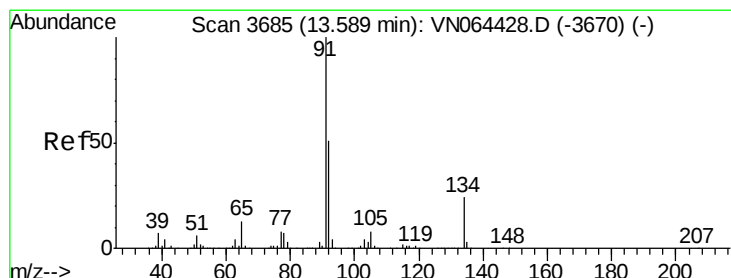
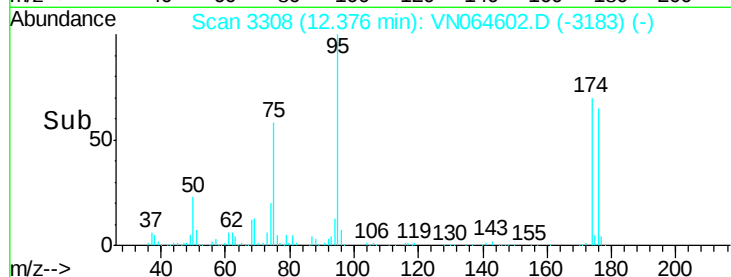
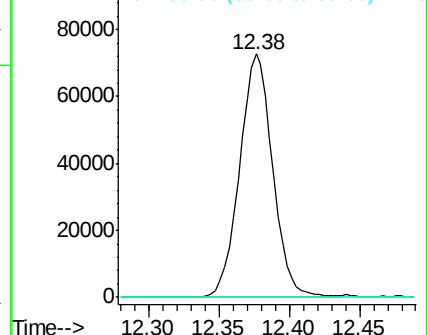
89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#89

n-Butylbenzene

Concen: 0.229 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064602.D

Acq: 13 Nov 2020 00:55

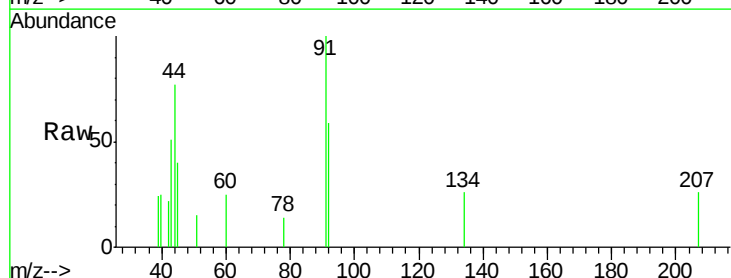
Tgt Ion: 91 Resp: 1852

Ion Ratio Lower Upper

91 100

92 57.7 25.3 75.9

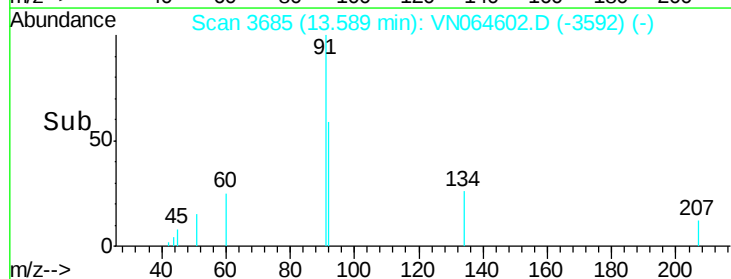
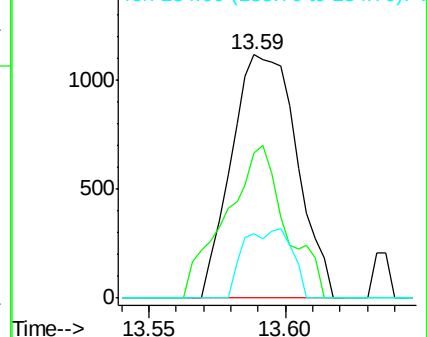
134 21.1 11.8 35.4

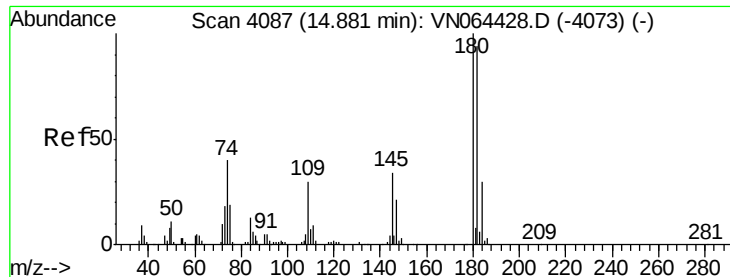


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V

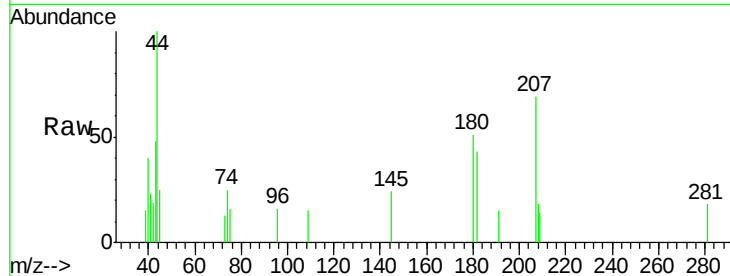




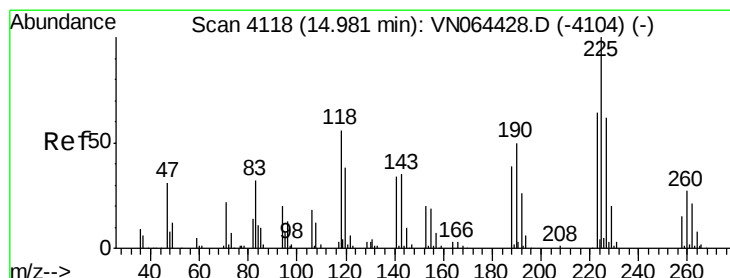
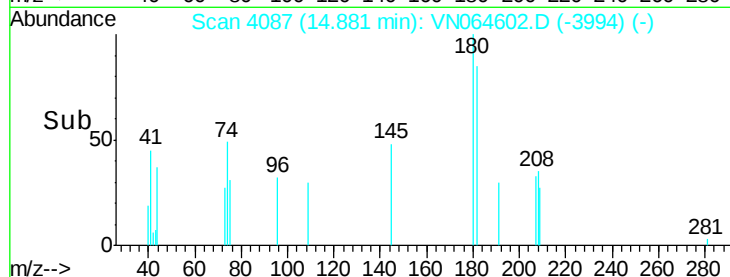
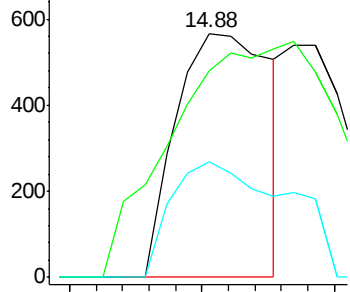
#93
 1,2,4-Trichlorobenzene
 Concen: 2.870 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064602.D
 Acq: 13 Nov 2020 00:55

Instrument :
 MSVOA_N
 ClientSampled :
 PB132945TB

Tot Ion:180 Resp: 562
 Ion Ratio Lower Upper
 180 100
 182 164.9 47.3 142.0#
 145 58.2 16.7 50.1#

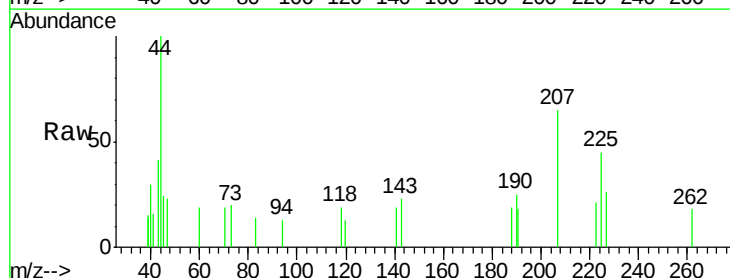


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

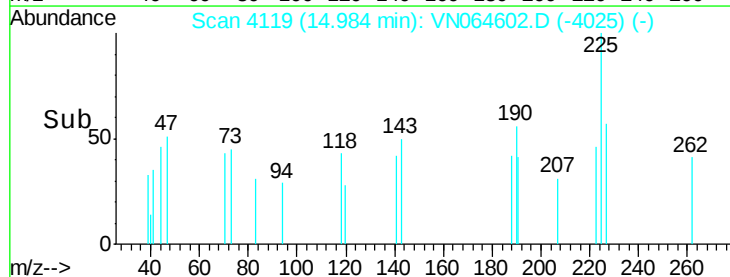
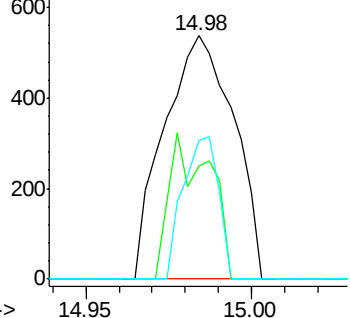


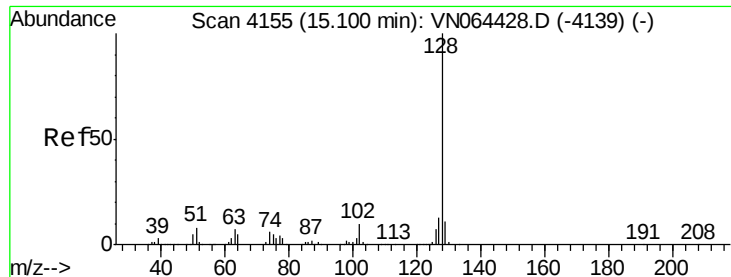
#94
 Hexachlorobutadiene
 Concen: 0.742 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064602.D
 Acq: 13 Nov 2020 00:55

Tgt Ion:225 Resp: 785
 Ion Ratio Lower Upper
 225 100
 223 35.2 31.8 95.4
 227 29.7 31.8 95.4#



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 3.945 ug/l

RT: 15.12 min Scan# 4160

Delta R.T. 0.02 min

Lab File: VN064602.D

Acq: 13 Nov 2020 00:55

Instrument :

MSVOA_N

ClientSampleId :

PB132945TB

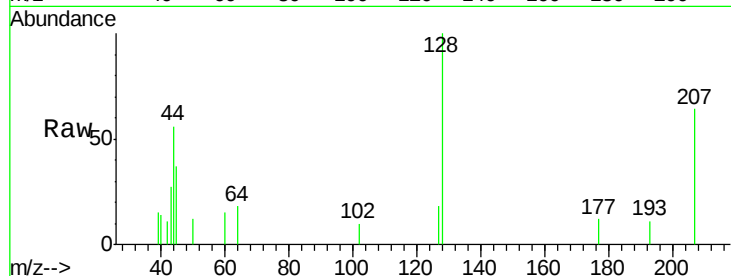
Tot Ion:128 Resp: 3065

Ion Ratio Lower Upper

128 100

127 11.8 10.5 15.7

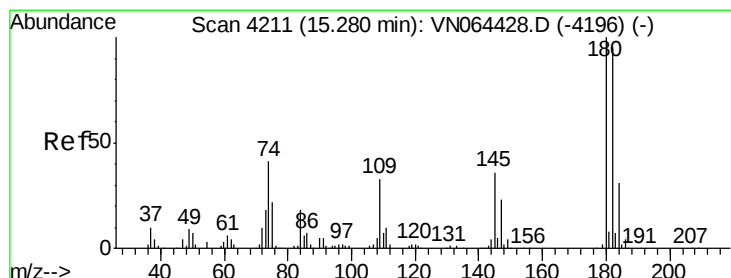
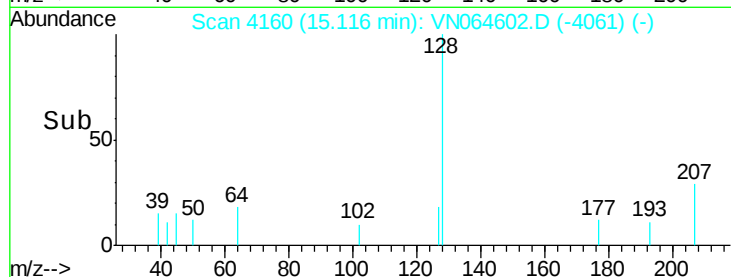
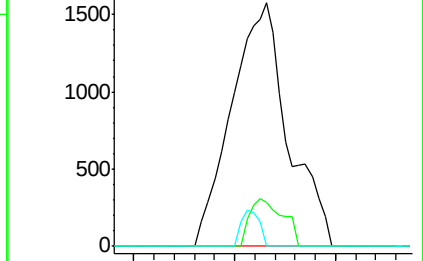
129 4.9 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.192 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.01 min

Lab File: VN064602.D

Acq: 13 Nov 2020 00:55

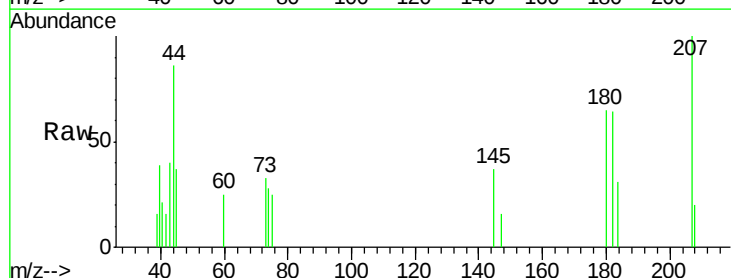
Tgt Ion:180 Resp: 1102

Ion Ratio Lower Upper

180 100

182 82.9 47.7 143.1

145 22.7 18.3 54.8



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

