

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111720\
 Data File : VN064687.D
 Acq On : 17 Nov 2020 17:55
 Operator : JC/MD
 Sample : PB133059TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133059TB

Quant Time: Nov 18 01:47:08 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	253000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	509955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	562791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	211845	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	232525	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
35) Dibromofluoromethane	7.55	113	174025	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
50) Toluene-d8	10.06	98	680250	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.38	95	270316	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.76	59	101	0.208	ug/l #	71
13) Acrolein	3.57	56	235	0.780	ug/l #	66
16) Acetone	3.78	43	14288	8.512	ug/l	96
17) Carbon Disulfide	4.01	76	1733	0.214	ug/l #	66
18) Methyl Acetate	4.29	43	2268	0.687	ug/l #	64
20) Methylene Chloride	4.51	84	9031	2.712	ug/l #	86
25) 2-Butanone	6.79	43	1037	0.485	ug/l #	52
29) Tetrahydrofuran	7.18	42	1394	1.062	ug/l #	52
31) Cyclohexane	7.61	56	7080	1.322	ug/l #	47
36) 1,1-Dichloropropene	7.63	75	24839	4.611	ug/l #	51
37) Ethyl Acetate	6.88	43	135	0.787	ug/l #	71
38) Carbon Tetrachloride	7.63	117	30071	5.223	ug/l #	16
43) Isopropyl Acetate	8.13	43	38375	4.395	ug/l	97
45) 1,2-Dichloropropane	9.23	63	2363	0.559	ug/l #	45
48) Methyl methacrylate	9.14	41	7036	1.597	ug/l #	15
51) 4-Methyl-2-Pentanone	9.95	43	6430	1.263	ug/l	94
54) cis-1,3-Dichloropropene	9.87	75	51259	7.564	ug/l #	67
56) Ethyl methacrylate	10.29	69	204	1.873	ug/l #	20
57) 1,3-Dichloropropane	10.74	76	28652	4.359	ug/l #	42
59) 2-Hexanone	10.74	43	463875	113.958	ug/l #	54
71) Bromoform	12.38	173	1341	1.653	ug/l #	1
74) N-amyl acetate	12.01	43	783	1.308	ug/l #	55
76) 1,2,3-Trichloropropane	12.38	75	149307	29.089	ug/l #	100
78) n-propylbenzene	12.57	91	6772	0.353	ug/l	95
80) 1,3,5-Trimethylbenzene	12.71	105	3186	0.229	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	149307	81.219	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.01	105	18602	1.332	ug/l	99
89) n-Butylbenzene	13.59	91	2198	0.207	ug/l	91
90) Hexachloroethane	13.87	117	581	0.244	ug/l #	18
93) 1,2,4-Trichlorobenzene	14.88	180	361	2.764	ug/l #	42
94) Hexachlorobutadiene	14.98	225	666	0.479	ug/l	79
95) Naphthalene	15.11	128	3389	3.893	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.29	180	415	2.895	ug/l #	73

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Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

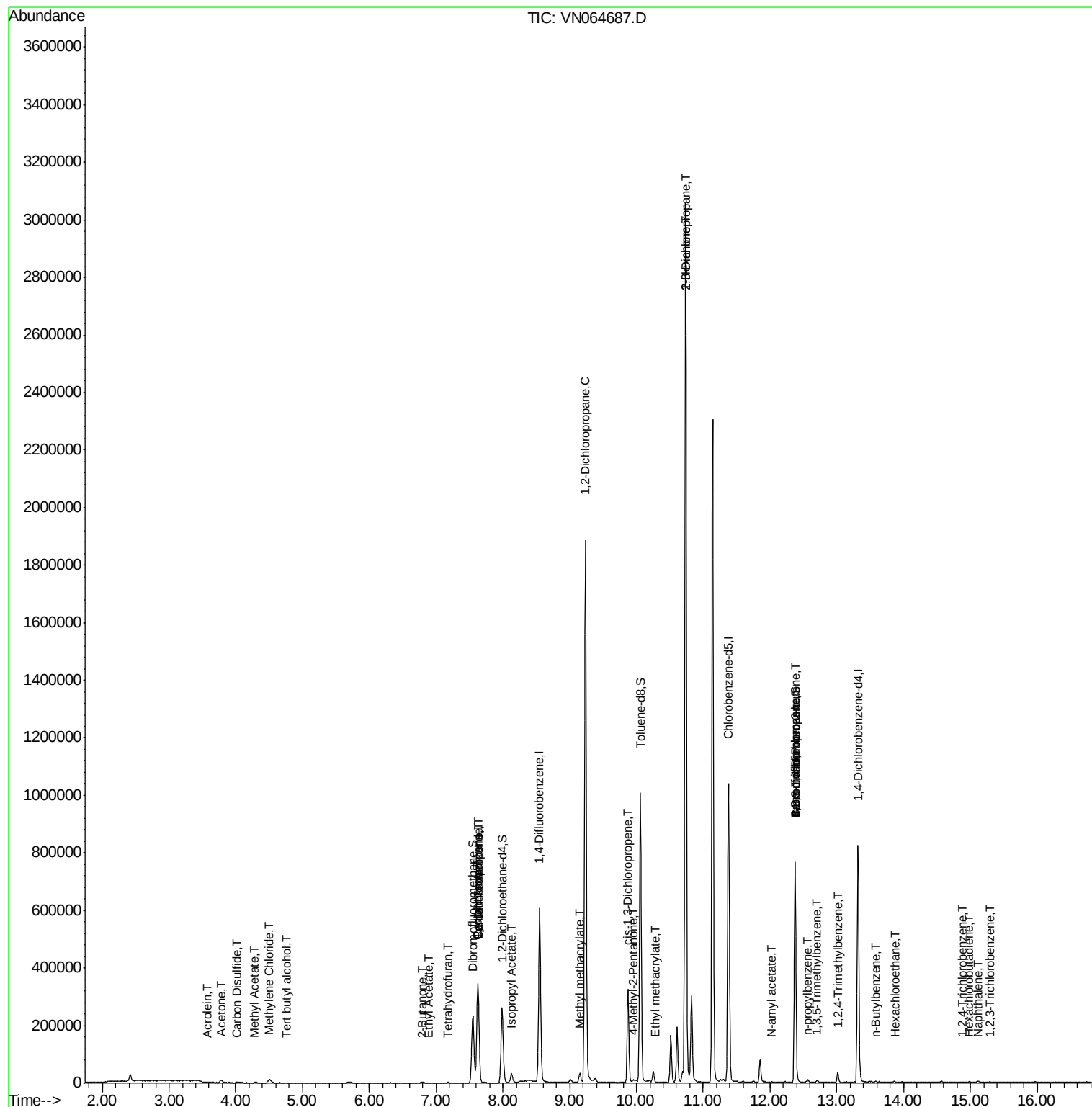
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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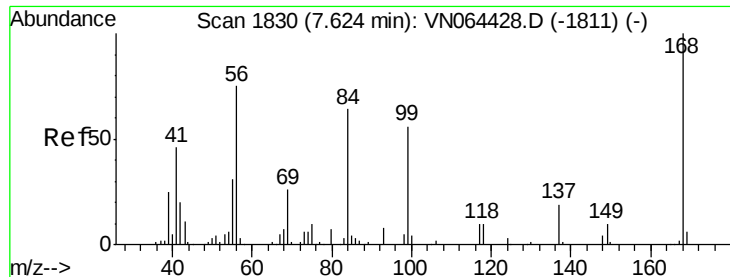
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064687.D

Acq: 17 Nov 2020 17:55

Instrument :

MSVOA_N

ClientSampleId :

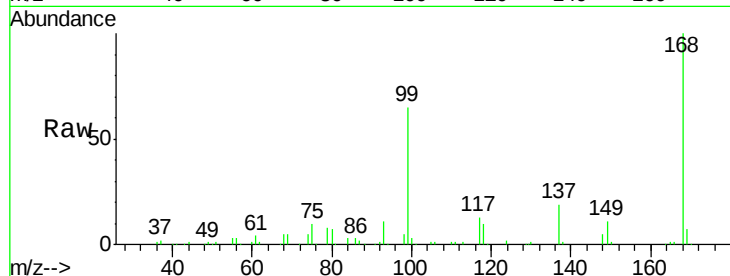
PB133059TB

Tot Ion:168 Resp: 253000

Ion Ratio Lower Upper

168 100

99 65.0 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

120000

100000

80000

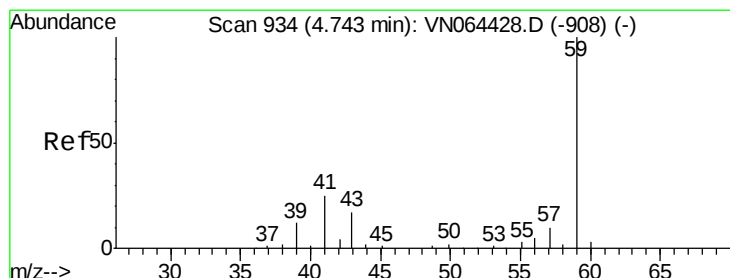
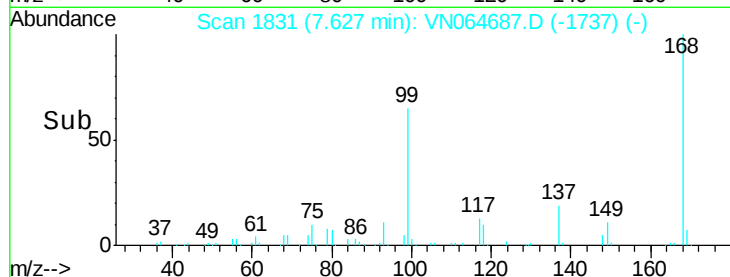
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#11

Tert butyl alcohol

Concen: 0.208 ug/l

RT: 4.76 min Scan# 939

Delta R.T. 0.02 min

Lab File: VN064687.D

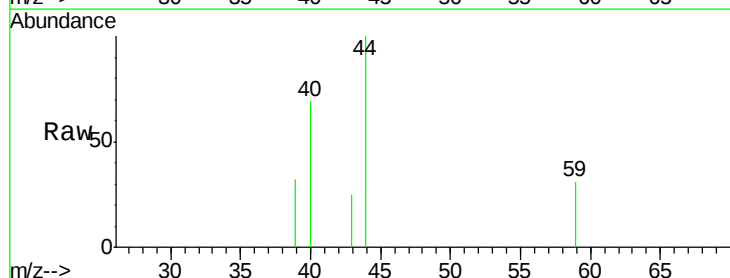
Acq: 17 Nov 2020 17:55

Tgt Ion: 59 Resp: 101

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.76

200

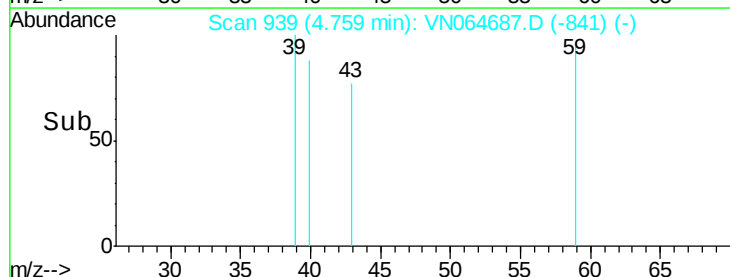
150

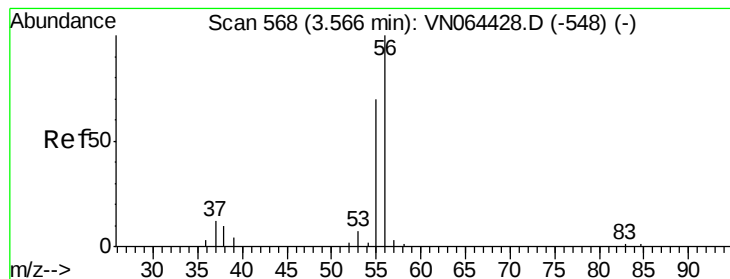
100

50

0

Time--> 4.74 4.75 4.76 4.77





#13

Acrolein

Concen: 0.780 ug/l

RT: 3.57 min Scan# 570

Delta R.T. 0.01 min

Lab File: VN064687.D

Acq: 17 Nov 2020 17:55

Instrument :

MSVOA_N

ClientSampleId :

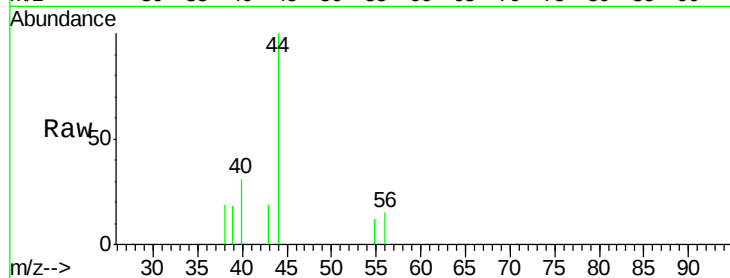
PB133059TB

Tot Ion: 56 Resp: 235

Ion Ratio Lower Upper

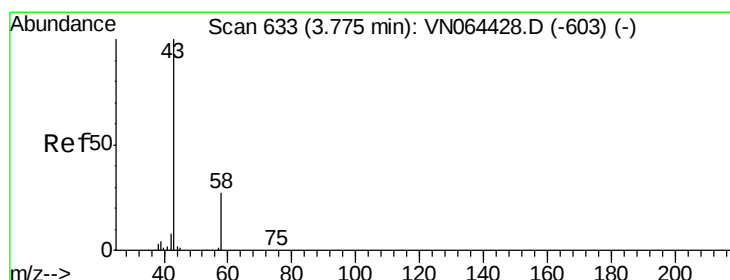
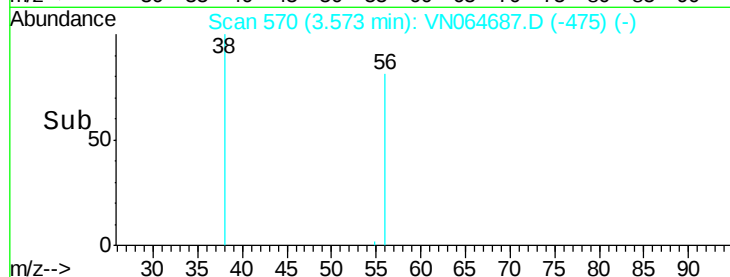
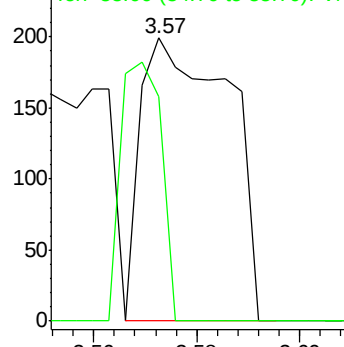
56 100

55 42.1 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: 8.512 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064687.D

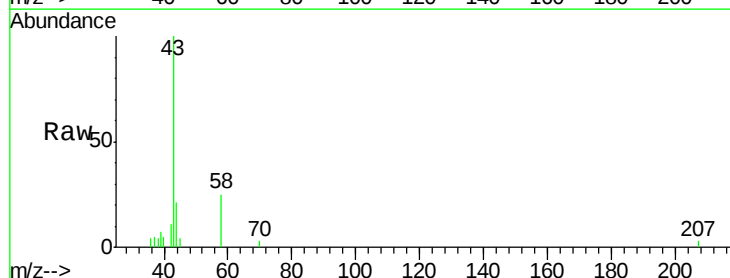
Acq: 17 Nov 2020 17:55

Tgt Ion: 43 Resp: 14288

Ion Ratio Lower Upper

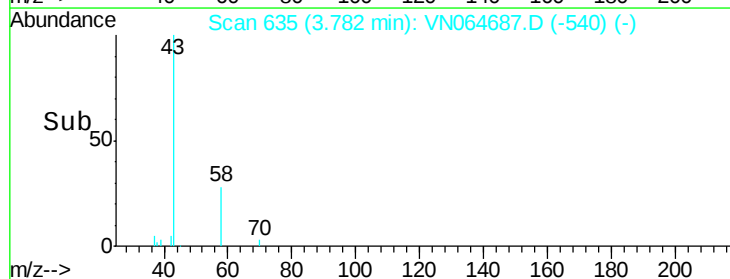
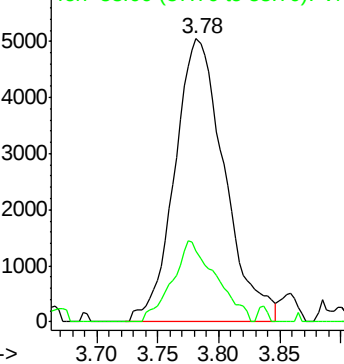
43 100

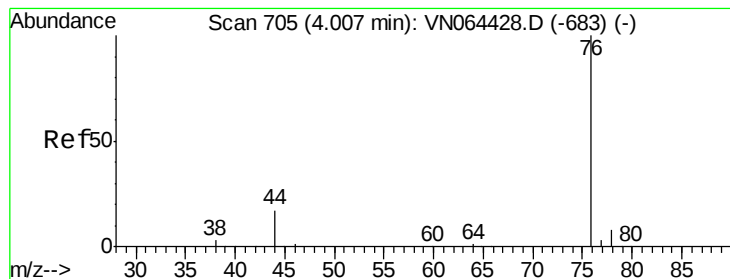
58 24.9 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 0.214 ug/l

RT: 4.01 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN064687.D

Acq: 17 Nov 2020 17:55

Instrument :

MSVOA_N

ClientSampleId :

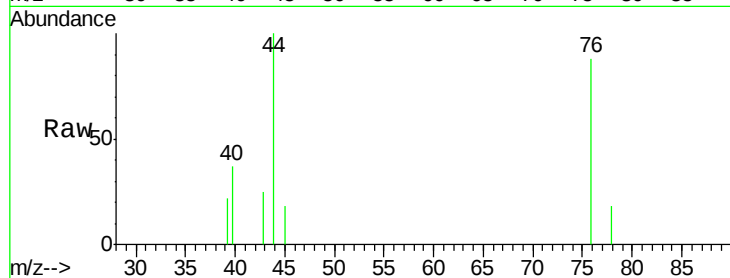
PB133059TB

Tot Ion: 76 Resp: 1733

Ion Ratio Lower Upper

76 100

78 20.7 6.8 10.2#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.01

800

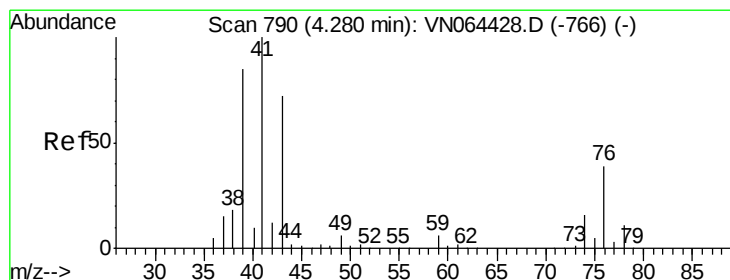
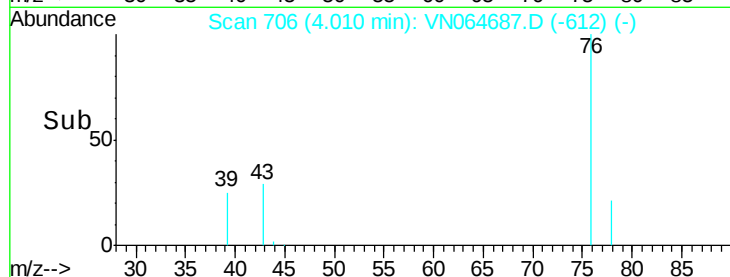
600

400

200

0

Time-->



#18

Methyl Acetate

Concen: 0.687 ug/l

RT: 4.29 min Scan# 792

Delta R.T. 0.01 min

Lab File: VN064687.D

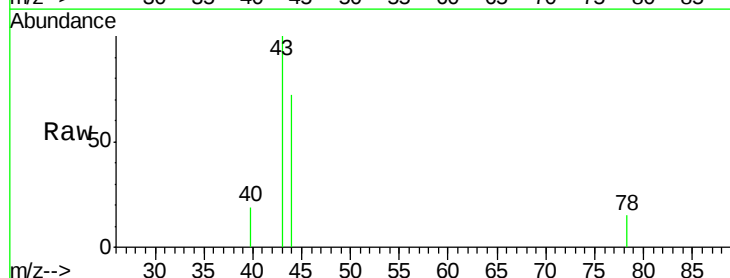
Acq: 17 Nov 2020 17:55

Tgt Ion: 43 Resp: 2268

Ion Ratio Lower Upper

43 100

74 4.2 17.0 25.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.29

1200

1000

800

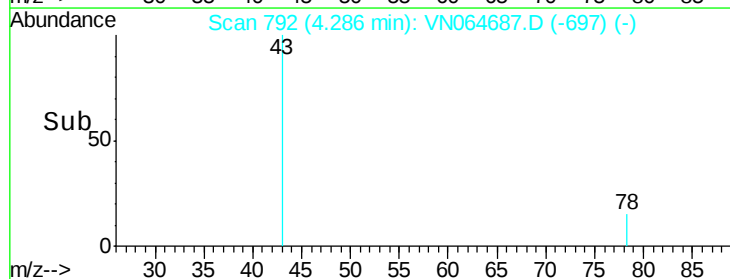
600

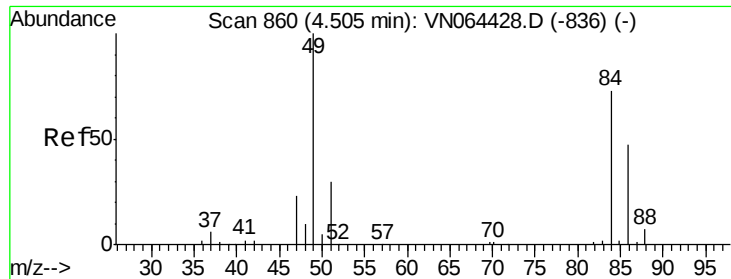
400

200

0

Time-->

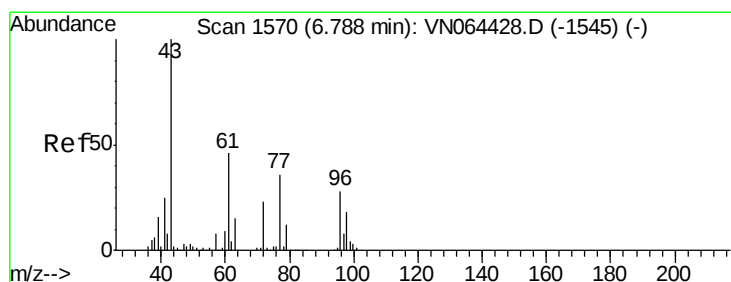
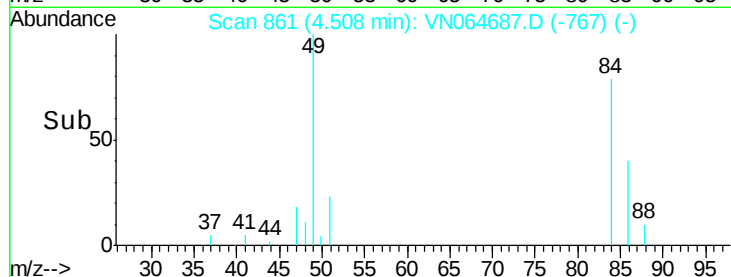
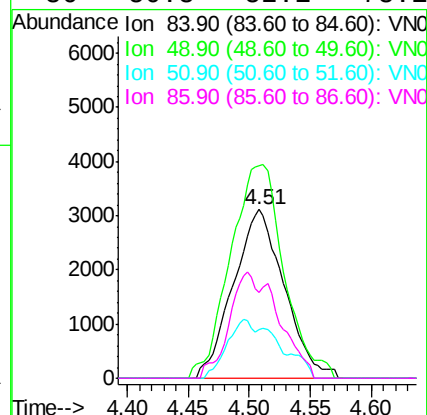
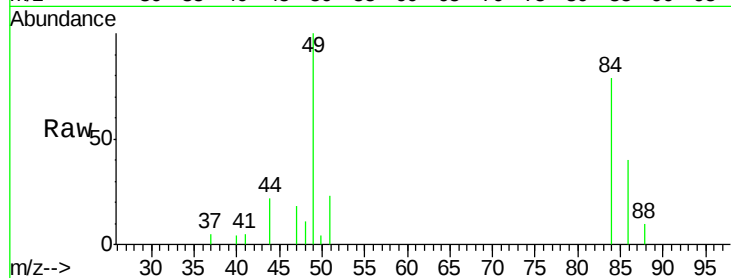




#20
Methvlene Chloride
Concen: 2.712 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN064687.D
Acq: 17 Nov 2020 17:55

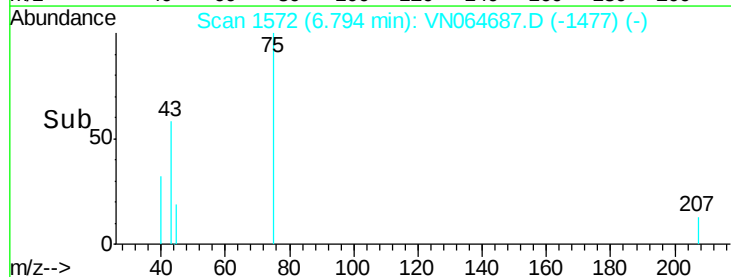
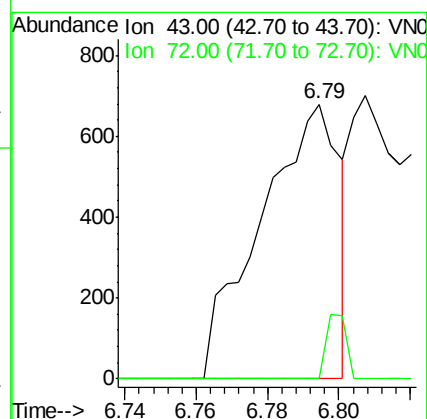
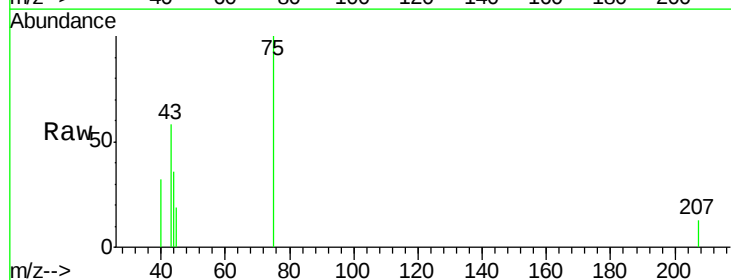
Instrument :
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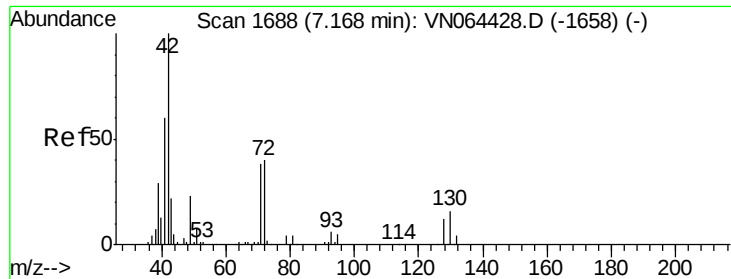
Tot Ion: 84 Resp: 9031
Ion Ratio Lower Upper
84 100
49 125.9 110.1 165.1
51 29.2 33.6 50.4#
86 50.8 52.1 78.1#



#25
2-Butanone
Concen: 0.485 ug/l
RT: 6.79 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN064687.D
Acq: 17 Nov 2020 17:55

Tgt Ion: 43 Resp: 1037
Ion Ratio Lower Upper
43 100
72 0.0 18.5 27.7#

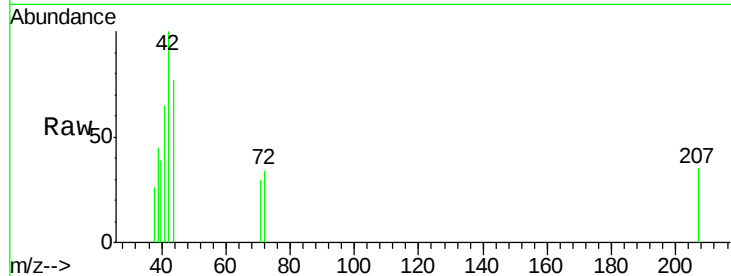




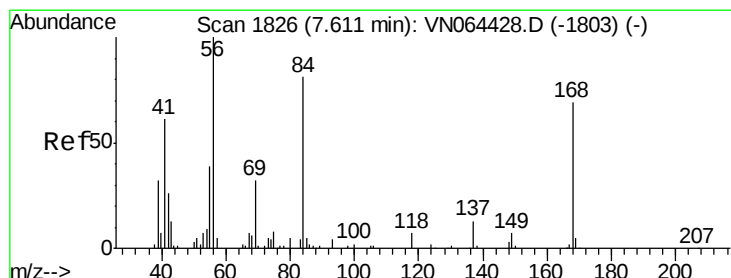
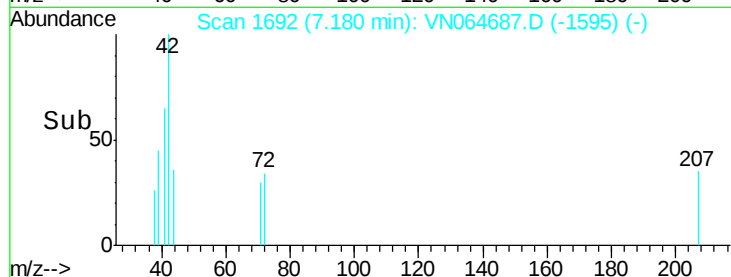
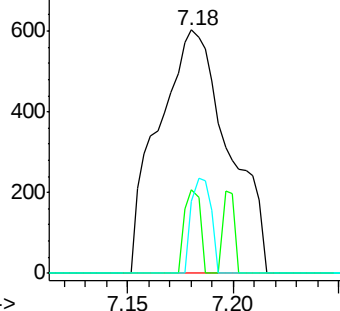
#29
Tetrahydrofuran
Concen: 1.062 ug/l
RT: 7.18 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VN064687.D
Acq: 17 Nov 2020 17:55

Instrument :
MSVOA_N
ClientSampled :
PB133059TB

Tot Ion: 42 Resp: 1394
Ion Ratio Lower Upper
42 100
72 7.7 31.7 47.5#
71 11.0 29.8 44.6#

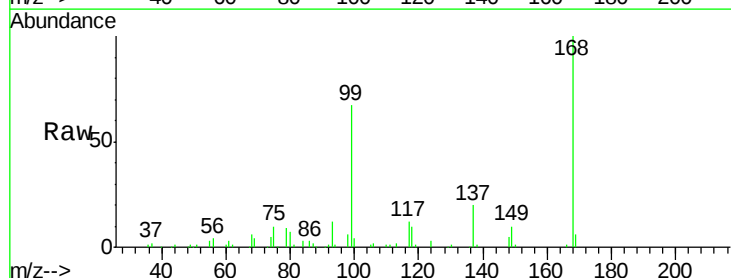


Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO

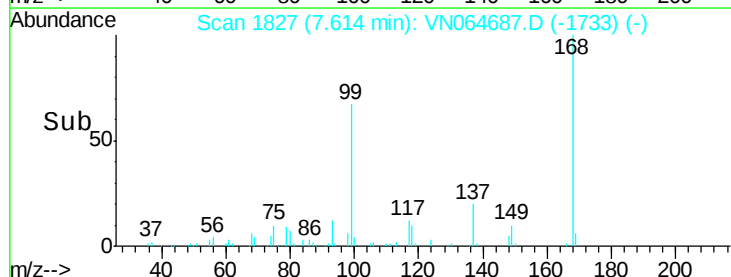
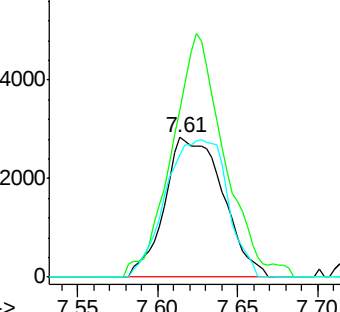


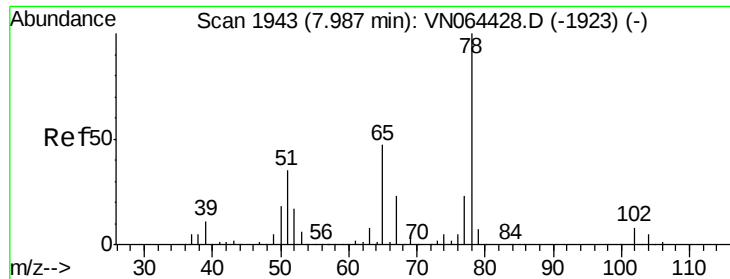
#31
Cyclohexane
Concen: 1.322 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064687.D
Acq: 17 Nov 2020 17:55

Tgt Ion: 56 Resp: 7080
Ion Ratio Lower Upper
56 100
69 120.1 25.6 38.4#
84 87.3 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

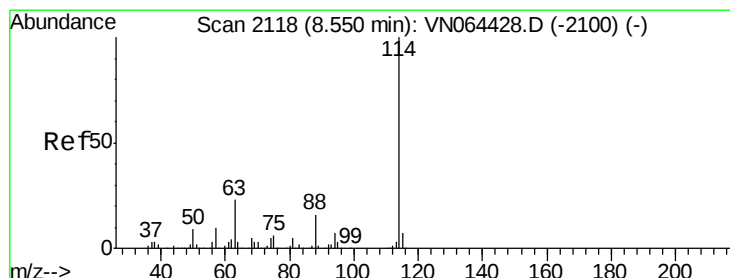
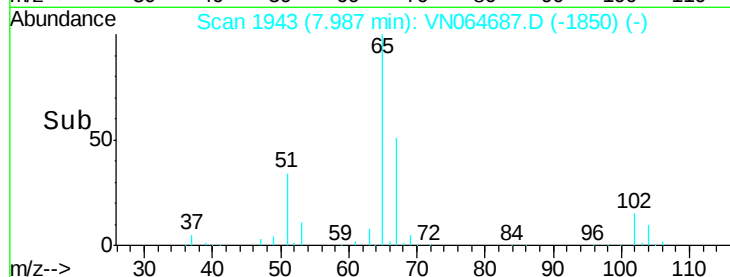
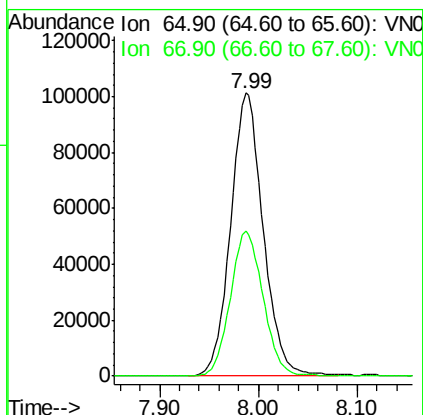
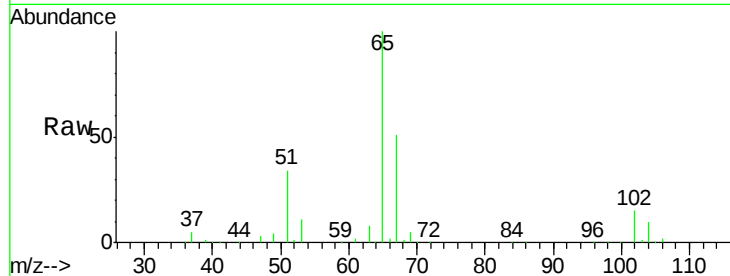




#33
 1,2-Dichloroethane-d4
 Concen: 52.764 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064687.D
 Acq: 17 Nov 2020 17:55

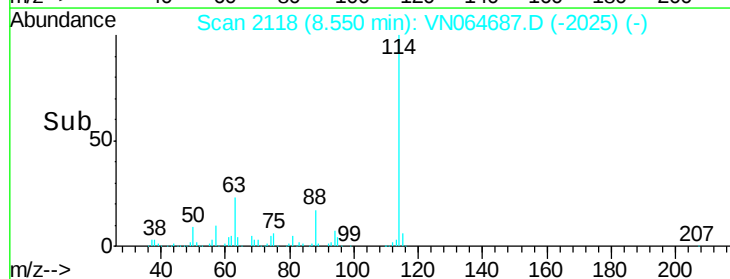
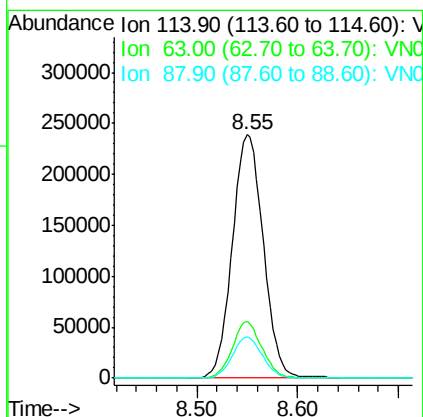
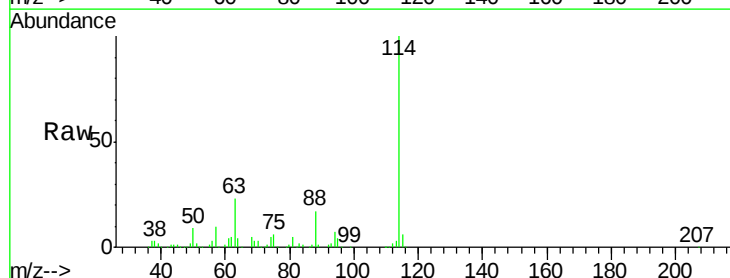
Instrument :
 MSVOA_N
 ClientSampleId :
 PB133059TB

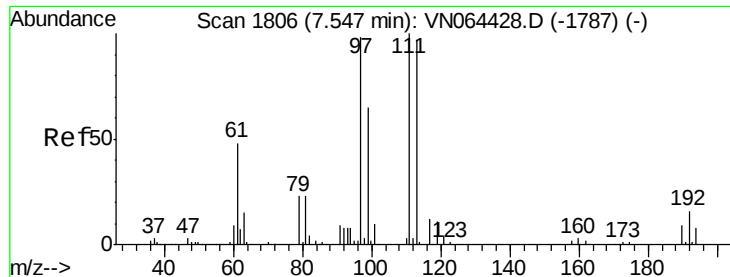
Tot Ion: 65 Resp: 232525
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064687.D
 Acq: 17 Nov 2020 17:55

Tgt Ion: 114 Resp: 509955
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 45.6
 88 16.8 0.0 32.8

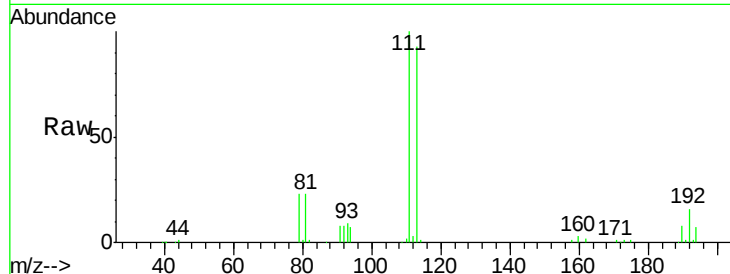




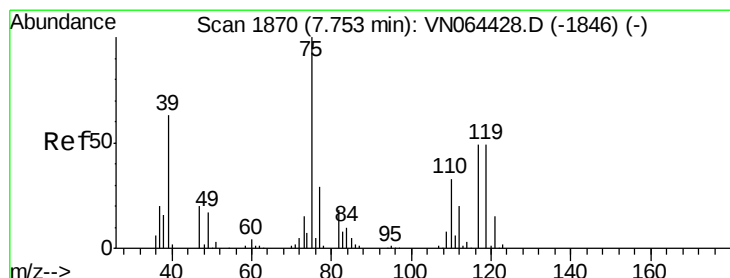
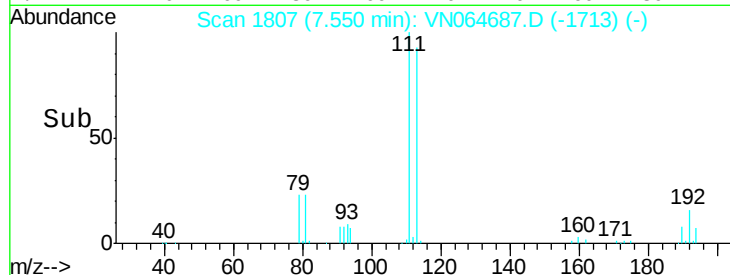
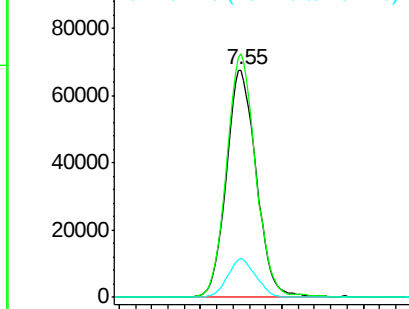
#35
 Dibromofluoromethane
 Concen: 50.121 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064687.D
 Acq: 17 Nov 2020 17:55

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133059TB

Tot Ion:113 Resp: 174025
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.1 121.7
 192 16.0 12.8 19.2

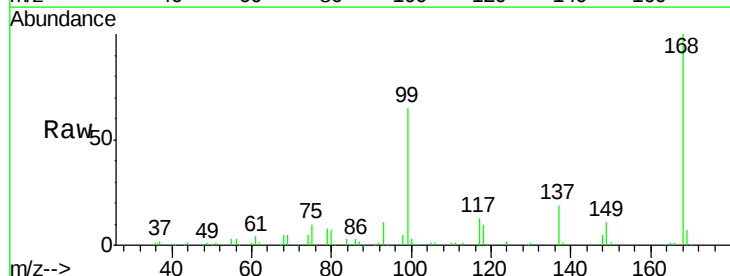


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

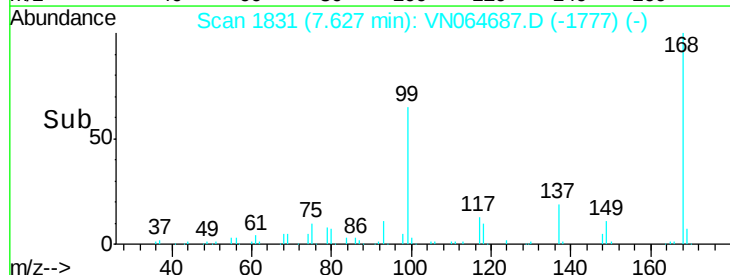
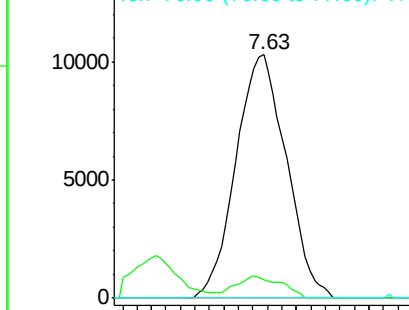


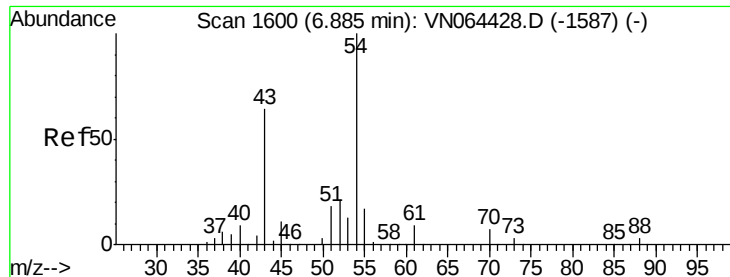
#36
 1,1-Dichloropropene
 Concen: 4.611 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN064687.D
 Acq: 17 Nov 2020 17:55

Tgt Ion: 75 Resp: 24839
 Ion Ratio Lower Upper
 75 100
 110 8.0 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

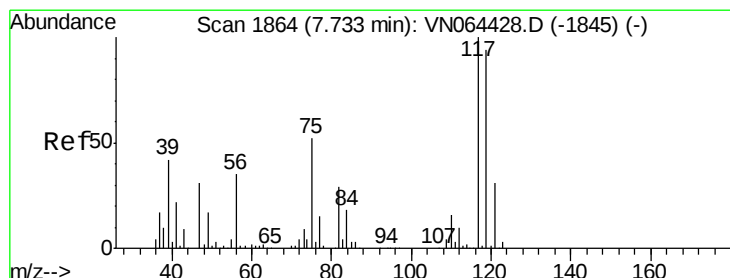
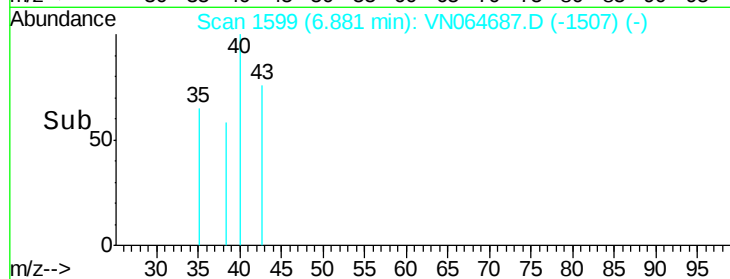
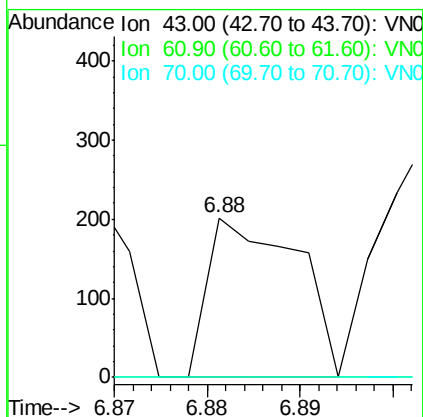
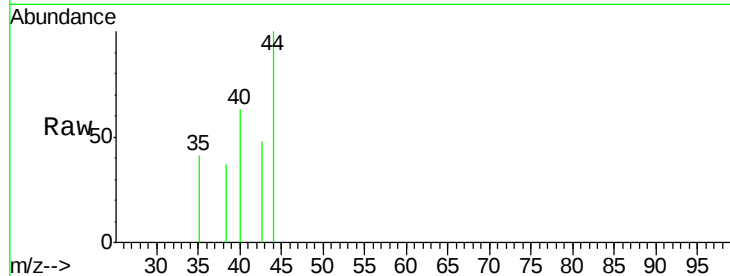




#37
Ethyl Acetate
Concen: 0.787 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN064687.D
Acq: 17 Nov 2020 17:55

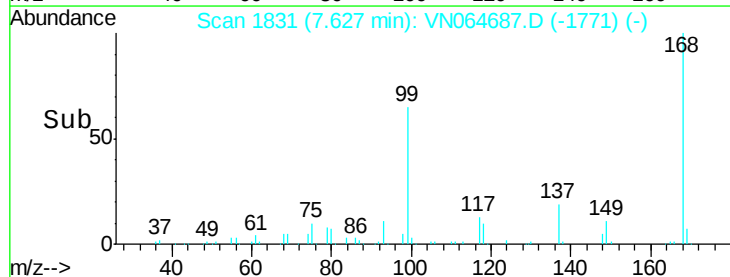
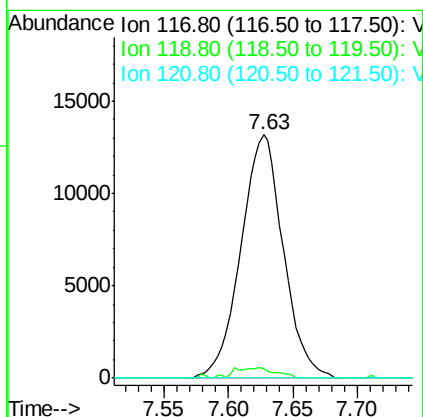
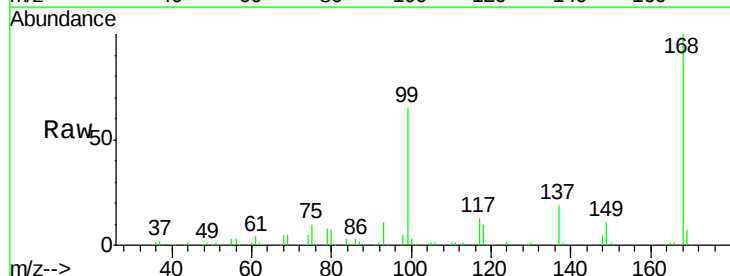
Instrument :
MSVOA_N
ClientSampleId :
PB133059TB

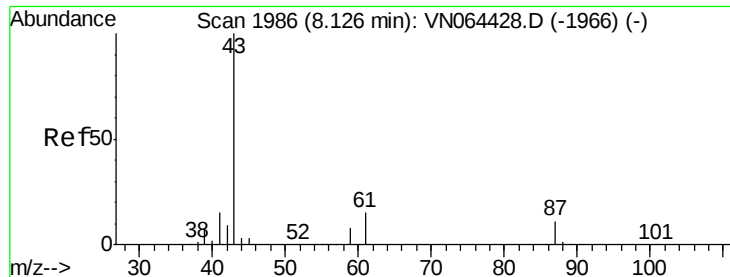
Tot Ion: 43 Resp: 135
Ion Ratio Lower Upper
43 100
61 0.0 10.0 15.0#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.223 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN064687.D
Acq: 17 Nov 2020 17:55

Tgt Ion: 117 Resp: 30071
Ion Ratio Lower Upper
117 100
119 3.8 75.5 113.3#
121 0.0 24.4 36.6#





#43

Isopropyl Acetate

Concen: 4.395 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064687.D

Acq: 17 Nov 2020 17:55

Instrument :

MSVOA_N

ClientSampleId :

PB133059TB

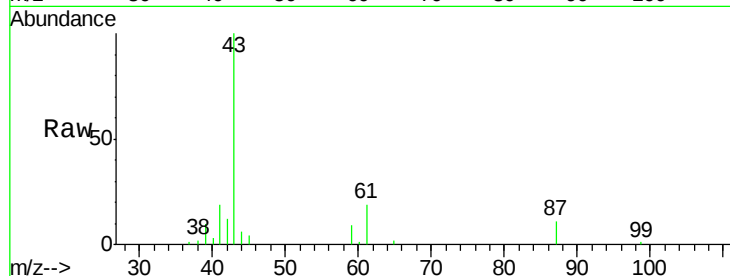
Tot Ion: 43 Resp: 38375

Ion Ratio Lower Upper

43 100

61 19.4 14.0 21.0

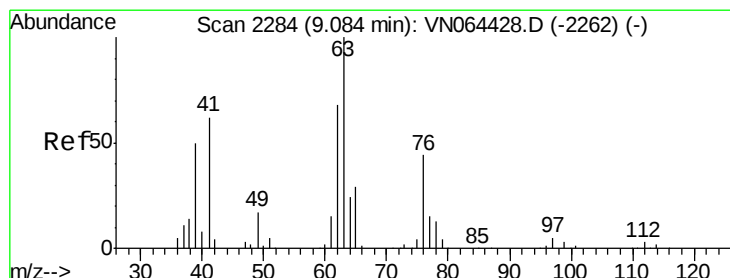
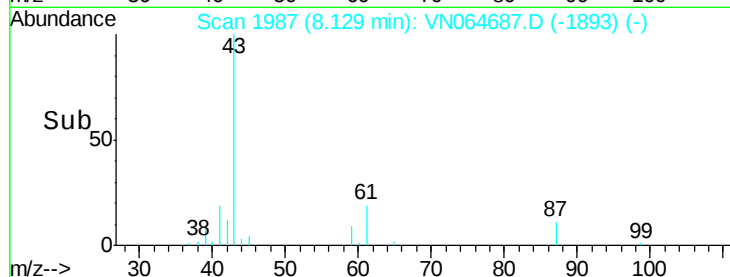
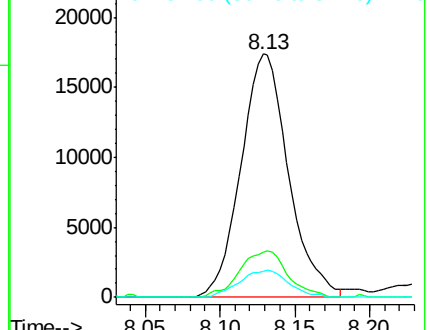
87 11.5 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.559 ug/l

RT: 9.23 min Scan# 2330

Delta R.T. 0.15 min

Lab File: VN064687.D

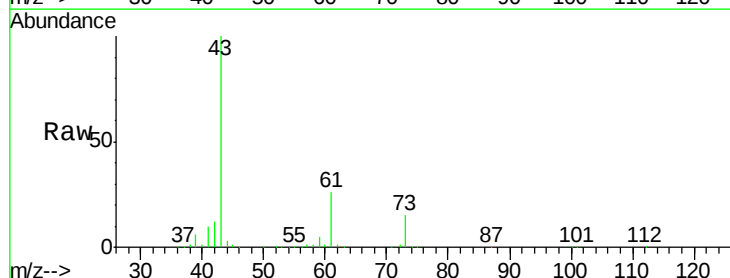
Acq: 17 Nov 2020 17:55

Tgt Ion: 63 Resp: 2363

Ion Ratio Lower Upper

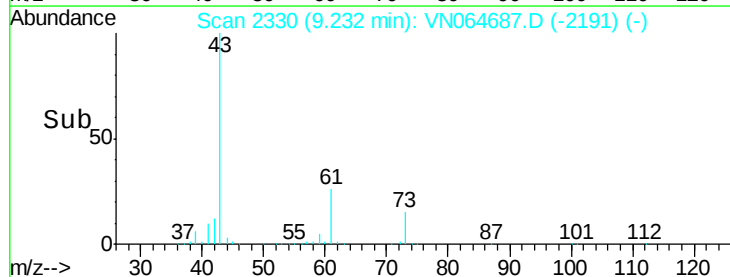
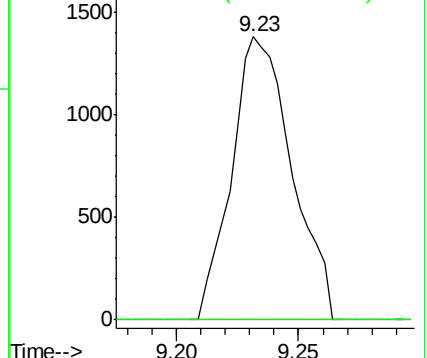
63 100

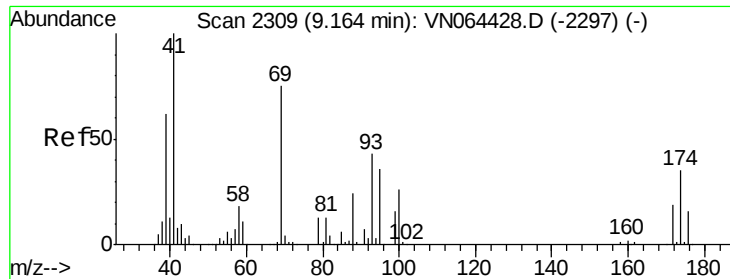
65 0.0 23.6 35.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

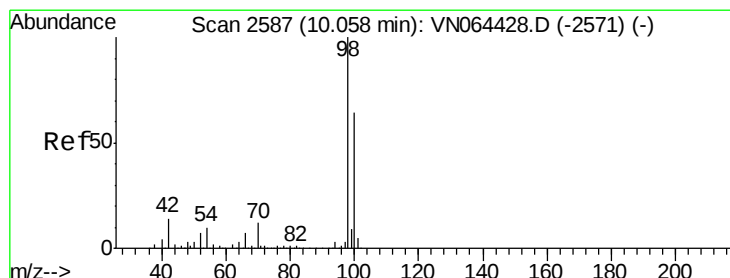
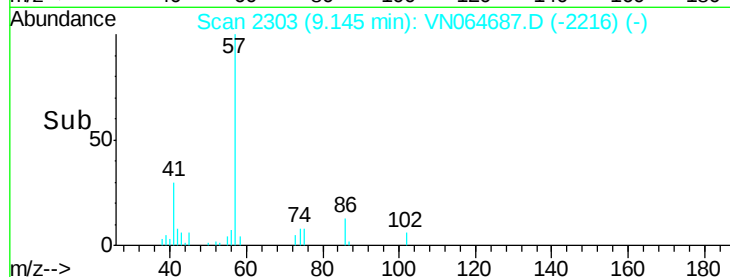
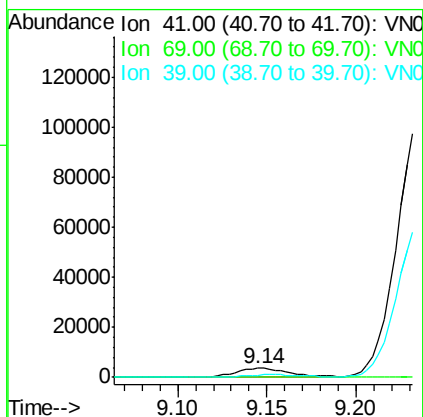
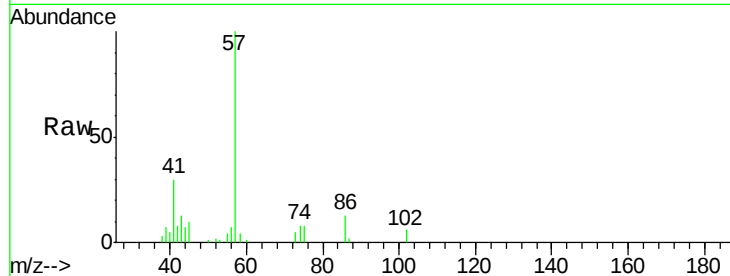




#48
Methyl methacrylate
Concen: 1.597 ug/l
RT: 9.14 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN064687.D
Acq: 17 Nov 2020 17:55

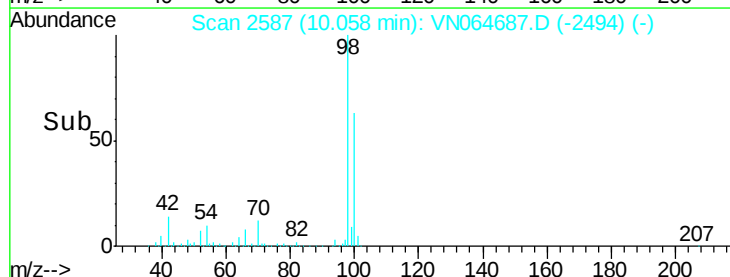
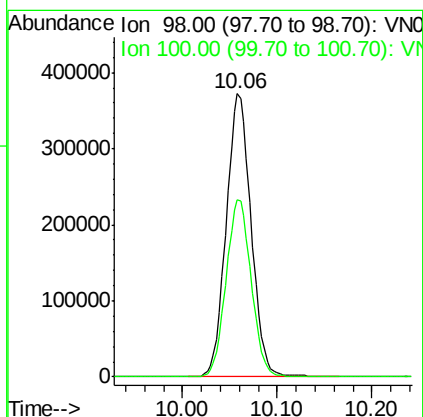
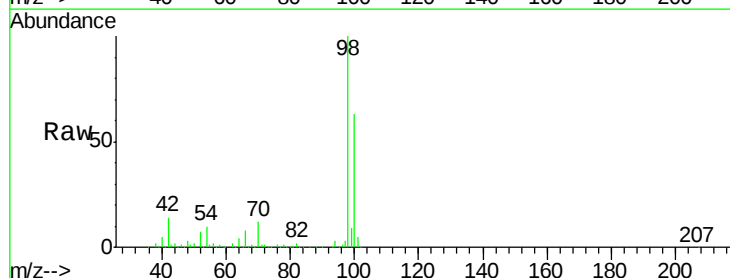
Instrument :
MSVOA_N
ClientSampled :
PB133059TB

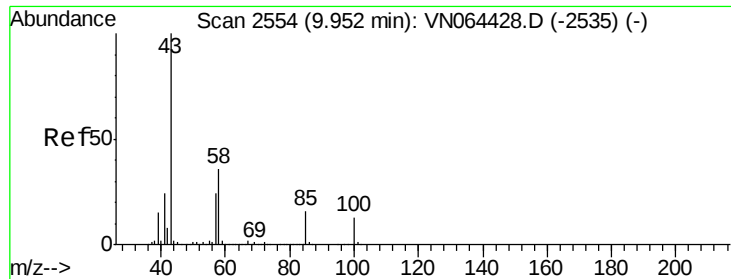
Tot Ion: 41 Resp: 7036
Ion Ratio Lower Upper
41 100
69 0.0 60.4 90.6#
39 0.0 51.2 76.8#



#50
Toluene-d8
Concen: 50.691 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064687.D
Acq: 17 Nov 2020 17:55

Tgt Ion: 98 Resp: 680250
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1

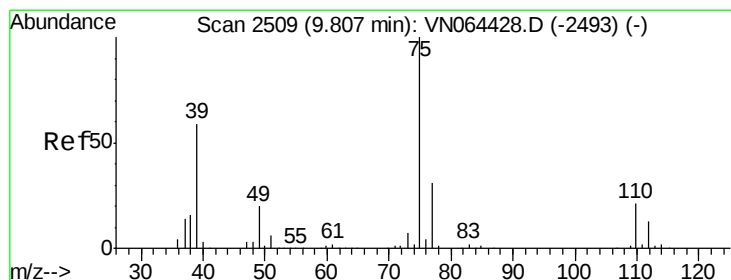
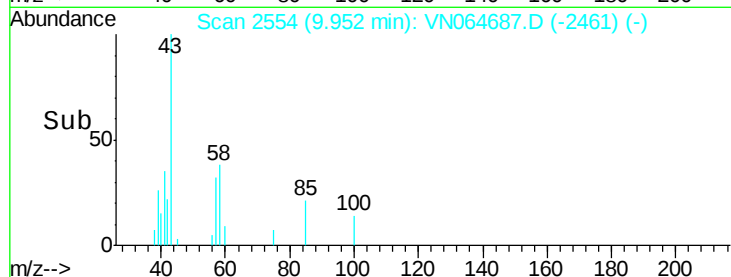
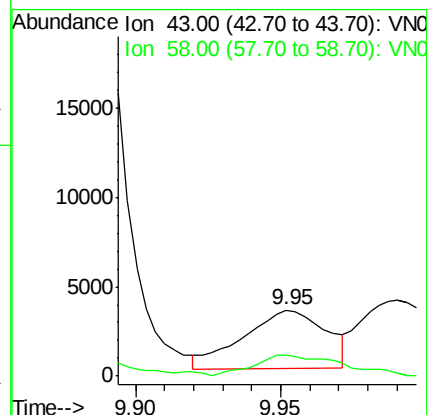
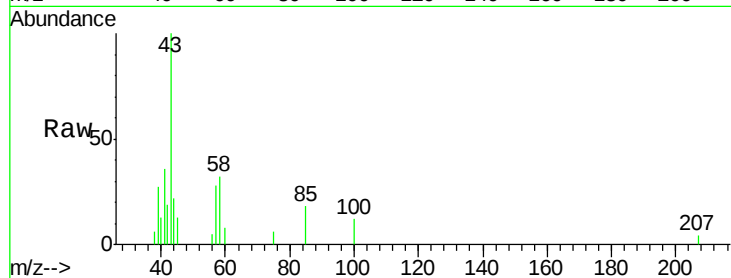




#51
4-Methyl-2-Pentanone
Concen: 1.263 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064687.D
Acq: 17 Nov 2020 17:55

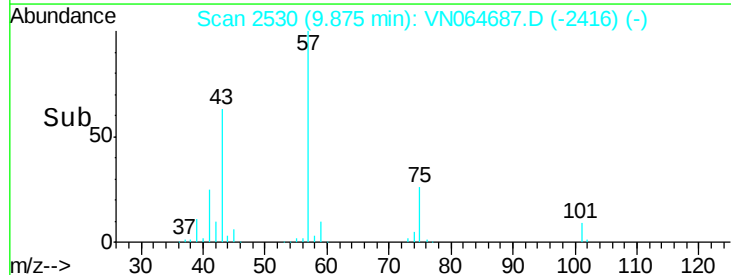
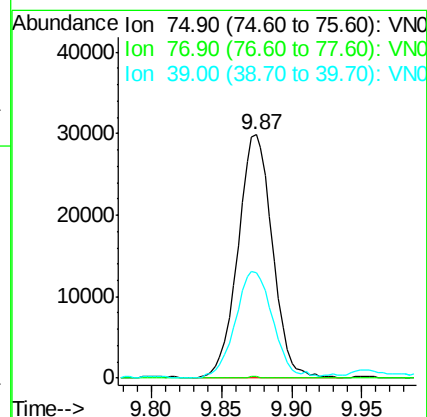
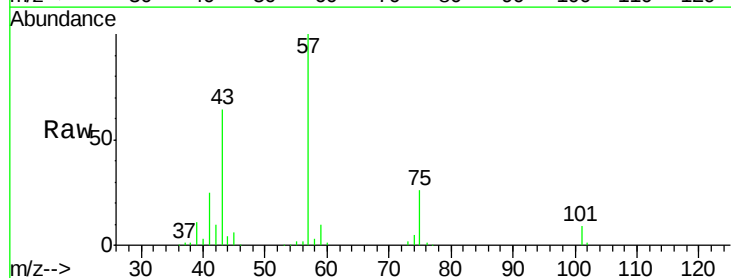
Instrument :
MSVOA_N
ClientSampleId :
PB133059TB

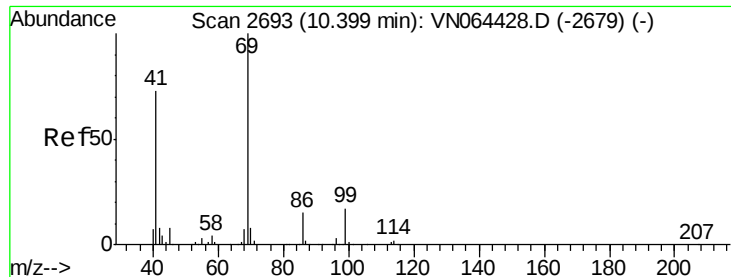
Tot Ion: 43 Resp: 6430
Ion Ratio Lower Upper
43 100
58 39.3 28.4 42.6



#54
cis-1,3-Dichloropropene
Concen: 7.564 ug/l
RT: 9.87 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN064687.D
Acq: 17 Nov 2020 17:55

Tgt Ion: 75 Resp: 51259
Ion Ratio Lower Upper
75 100
77 0.5 24.9 37.3#
39 43.5 47.1 70.7#





#56

Ethyl methacrylate

Concen: 1.873 ug/l

RT: 10.29 min Scan# 2658

Delta R.T. -0.11 min

Lab File: VN064687.D

Acq: 17 Nov 2020 17:55

Instrument :

MSVOA_N

ClientSampled :

PB133059TB

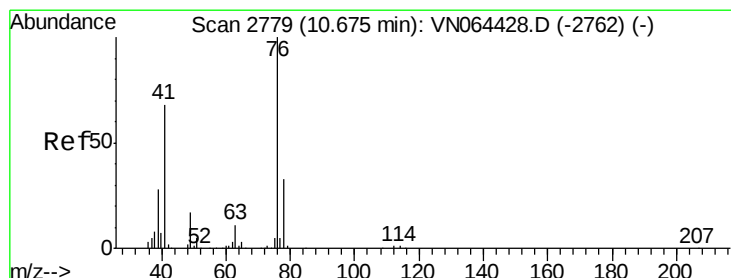
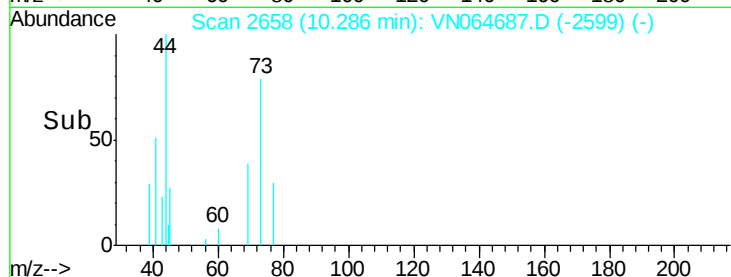
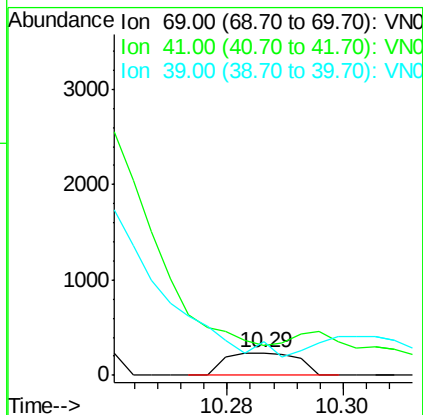
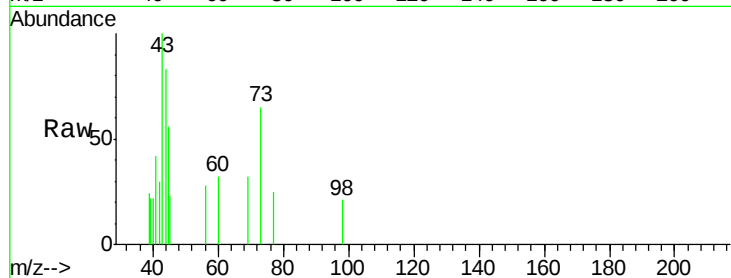
Tot Ion: 69 Resp: 204

Ion Ratio Lower Upper

69 100

41 0.0 59.3 88.9#

39 0.0 35.4 53.0#



#57

1,3-Dichloropropane

Concen: 4.359 ug/l

RT: 10.74 min Scan# 2798

Delta R.T. 0.06 min

Lab File: VN064687.D

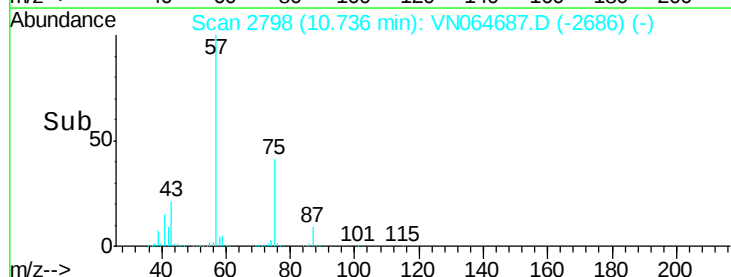
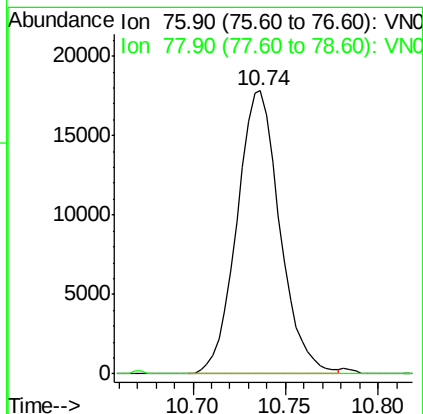
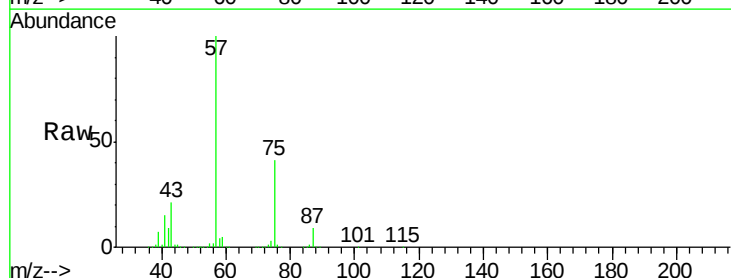
Acq: 17 Nov 2020 17:55

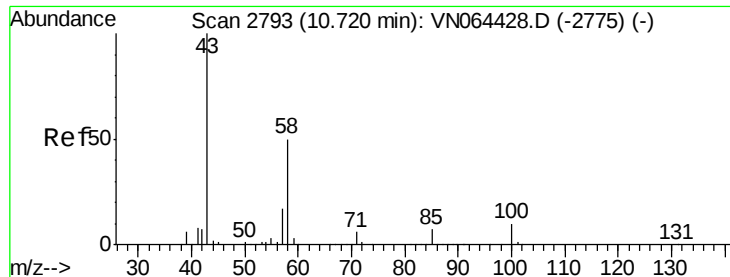
Tgt Ion: 76 Resp: 28652

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#

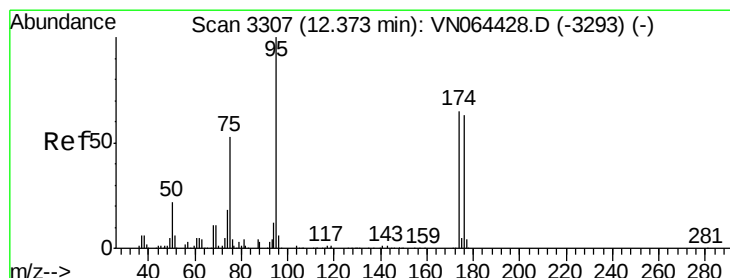
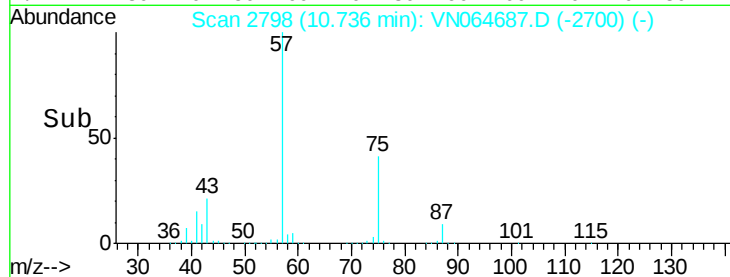
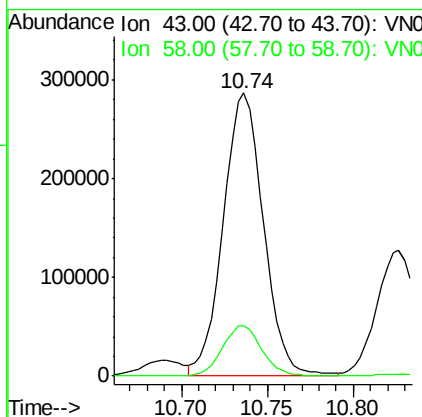
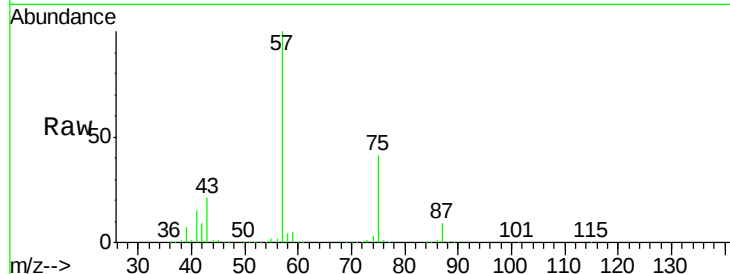




#59
2-Hexanone
Concen: 113.958 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.02 min
Lab File: VN064687.D
Acq: 17 Nov 2020 17:55

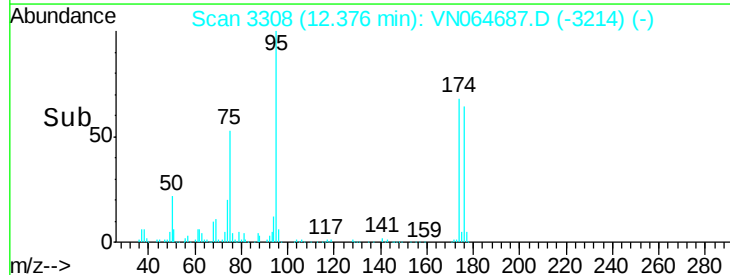
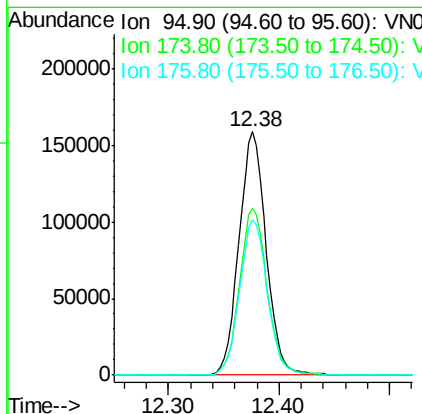
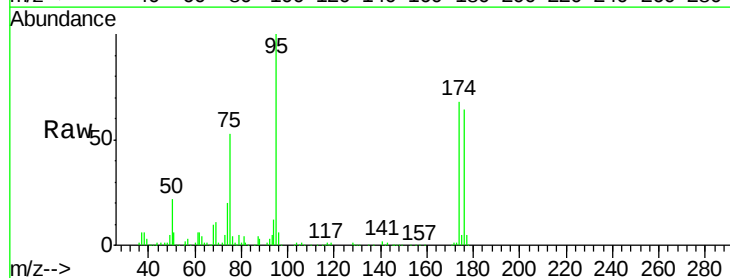
Instrument :
MSVOA_N
ClientSampleId :
PB133059TB

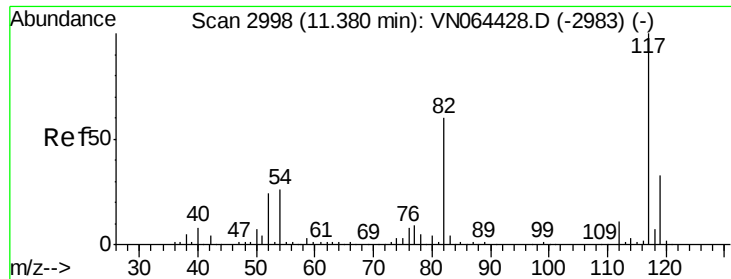
Tot Ion: 43 Resp: 463875
Ion Ratio Lower Upper
43 100
58 17.7 24.7 74.1#



#62
4-Bromofluorobenzene
Concen: 53.263 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064687.D
Acq: 17 Nov 2020 17:55

Tgt Ion: 95 Resp: 270316
Ion Ratio Lower Upper
95 100
174 69.9 0.0 132.6
176 65.2 0.0 129.2

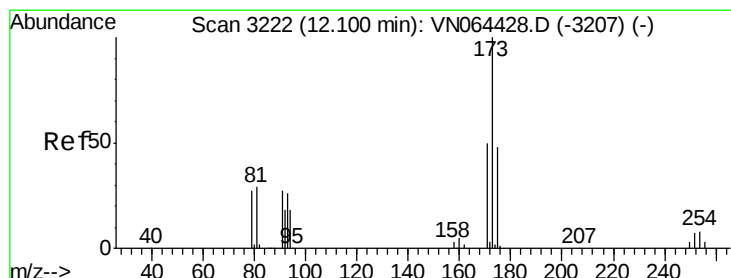
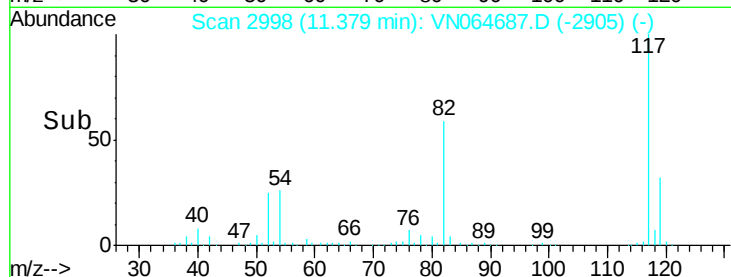
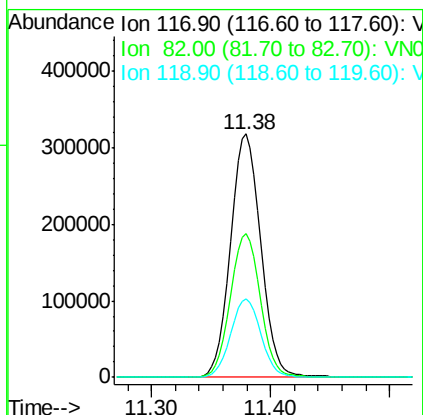
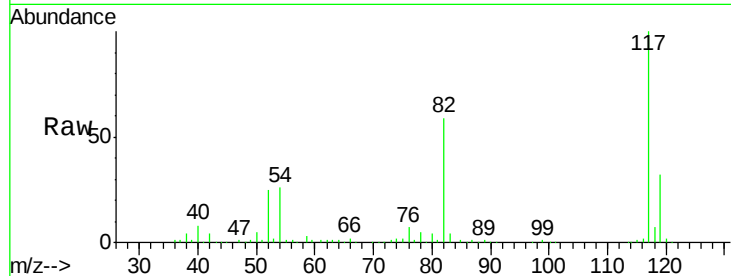




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064687.D
Acq: 17 Nov 2020 17:55

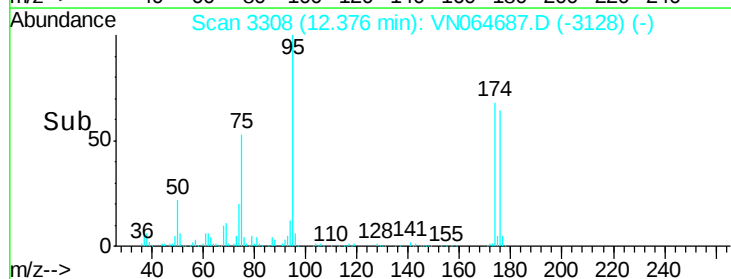
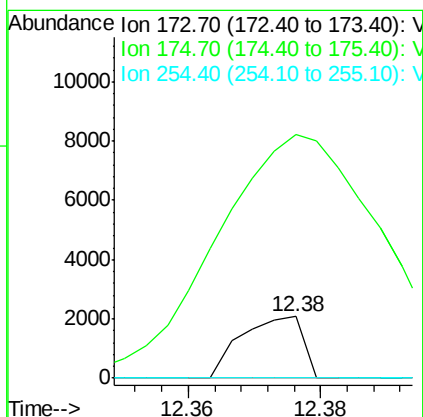
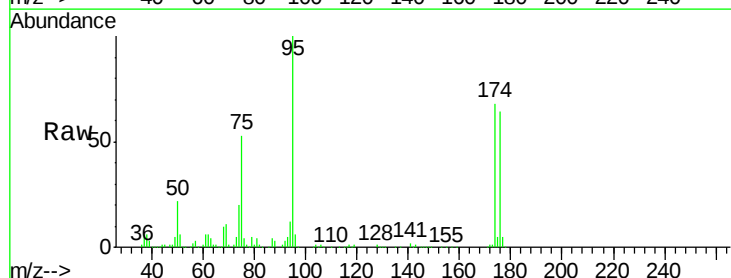
Instrument :
MSVOA_N
ClientSampled :
PB133059TB

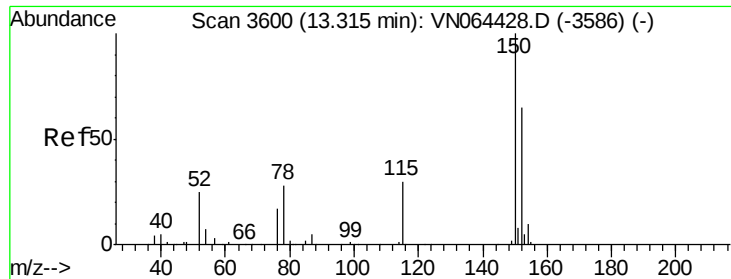
Tot Ion:117 Resp: 562791
Ion Ratio Lower Upper
117 100
82 58.9 48.1 72.1
119 32.3 26.2 39.4



#71
Bromoform
Concen: 1.653 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.28 min
Lab File: VN064687.D
Acq: 17 Nov 2020 17:55

Tgt Ion:173 Resp: 1341
Ion Ratio Lower Upper
173 100
175 878.6 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: VN064687.D

Acq: 17 Nov 2020 17:55

Instrument :

MSVOA_N

ClientSampleId :

PB133059TB

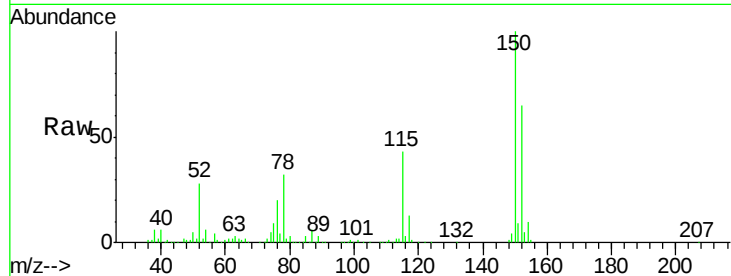
Tot Ion:152 Resp: 211845

Ion Ratio Lower Upper

152 100

115 64.1 32.0 96.0

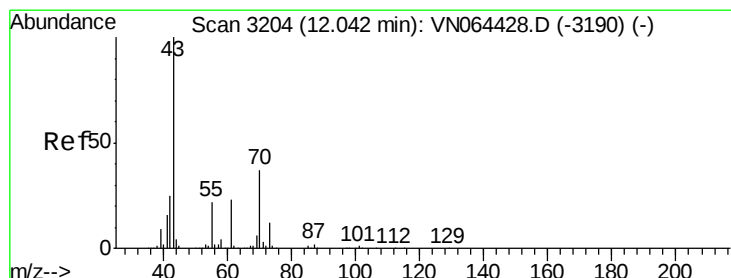
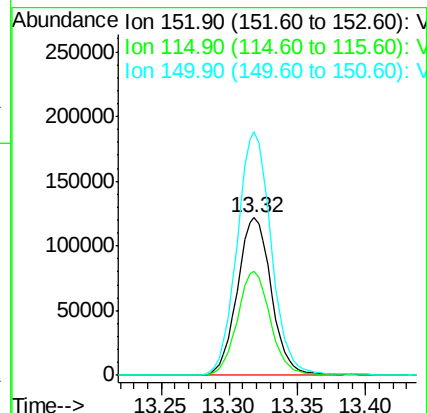
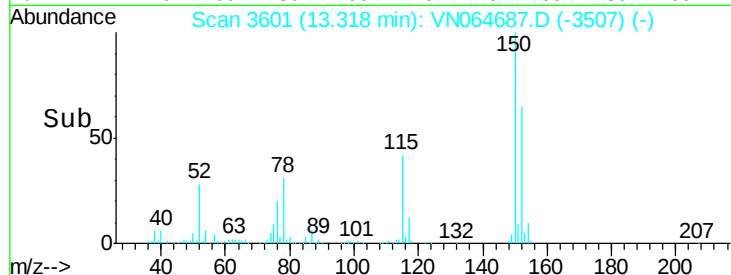
150 155.7 0.0 353.8



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: 1.308 ug/l

RT: 12.01 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN064687.D

Acq: 17 Nov 2020 17:55

Tgt Ion: 43 Resp: 783

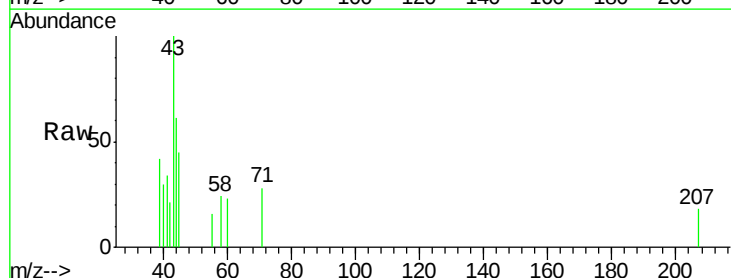
Ion Ratio Lower Upper

43 100

70 8.0 29.6 44.4#

55 41.3 18.4 27.6#

61 0.0 17.8 26.6#

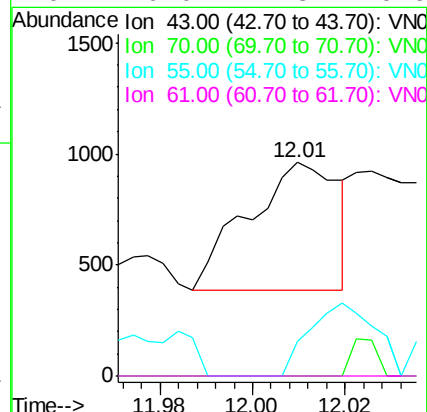
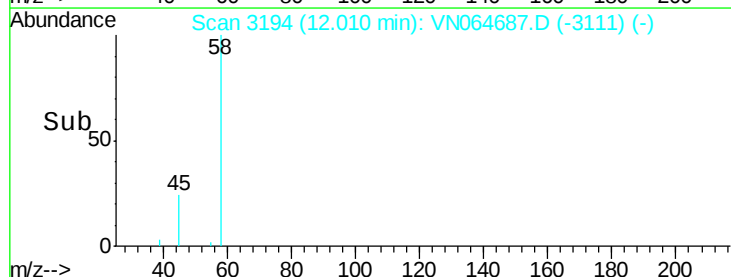


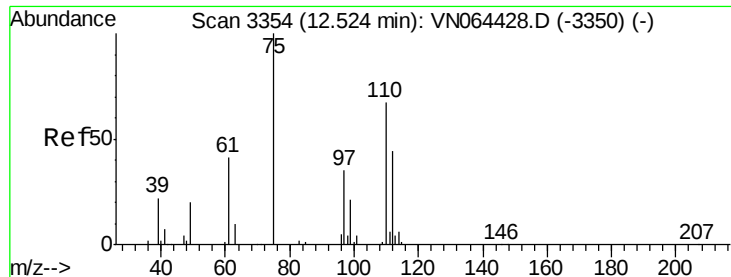
Abundance Ion 43.00 (42.70 to 43.70): V

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: 29.089 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064687.D

Acq: 17 Nov 2020 17:55

Instrument :

MSVOA_N

ClientSampled :

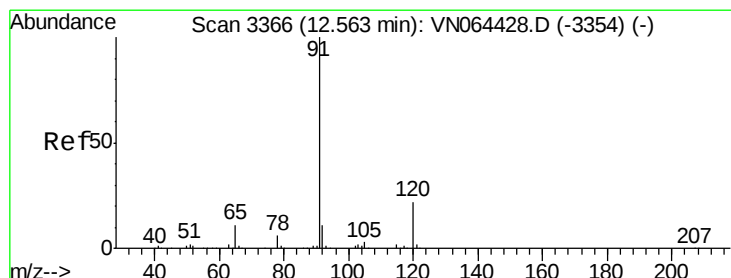
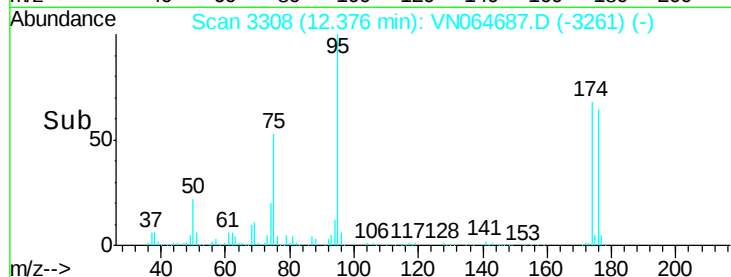
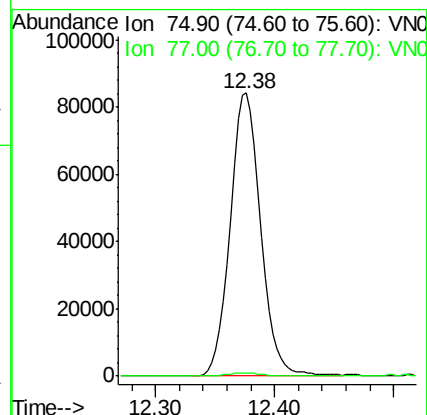
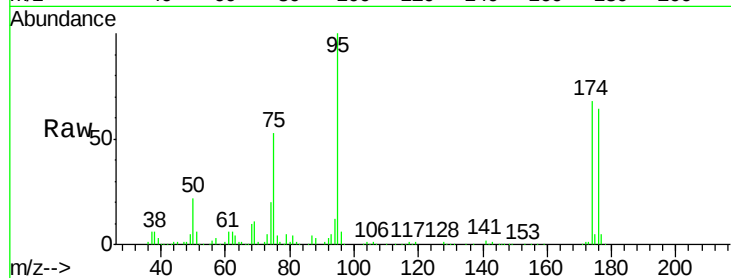
PB133059TB

Tot Ion: 75 Resp: 149307

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#78

n-propylbenzene

Concen: 0.353 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064687.D

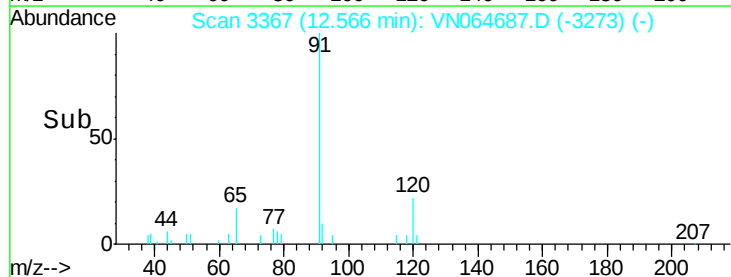
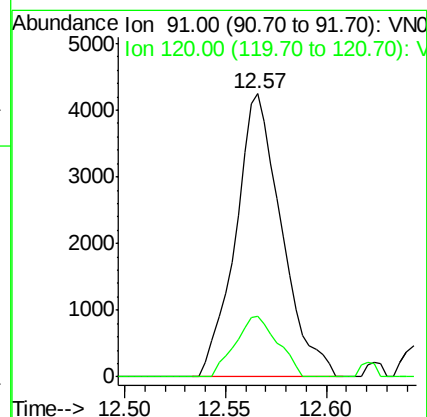
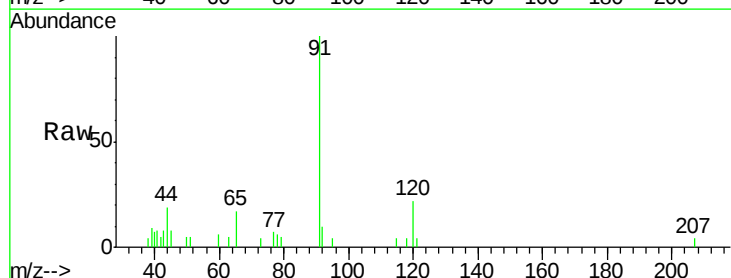
Acq: 17 Nov 2020 17:55

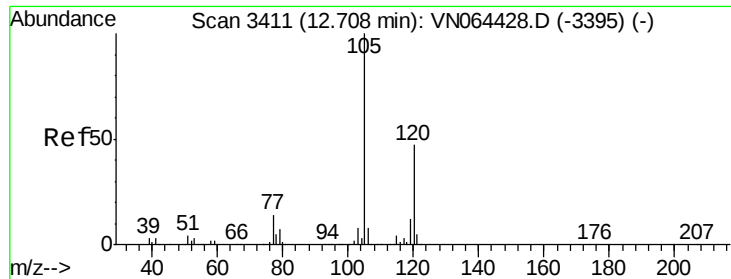
Tgt Ion: 91 Resp: 6772

Ion Ratio Lower Upper

91 100

120 19.8 11.0 33.0

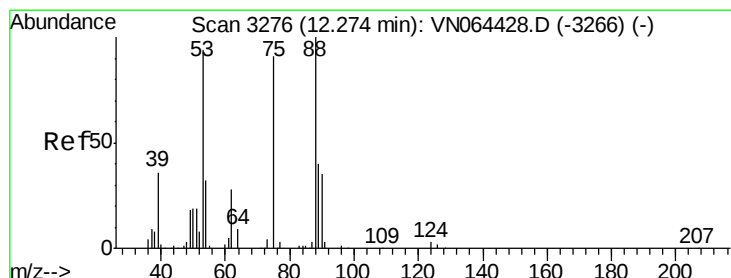
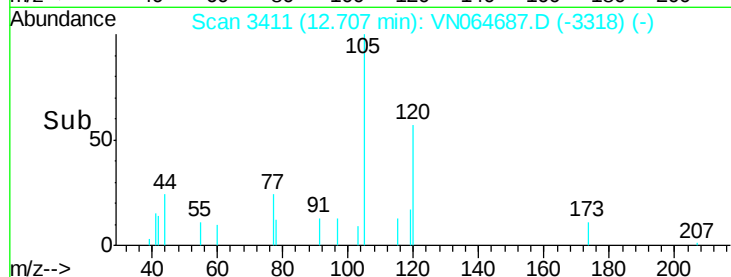
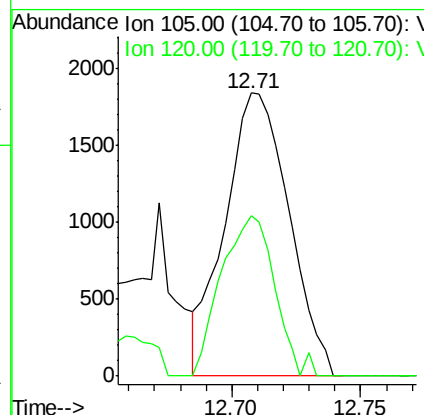
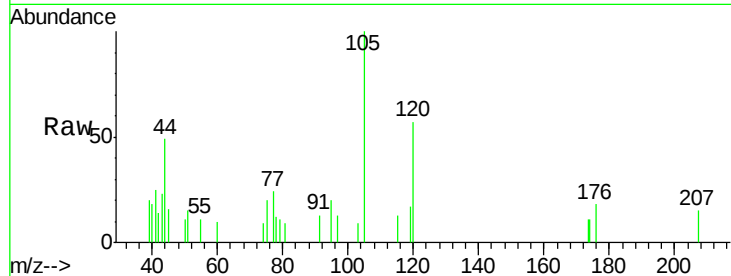




#80
 1,3,5-Trimethylbenzene
 Concen: 0.229 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN064687.D
 Acq: 17 Nov 2020 17:55

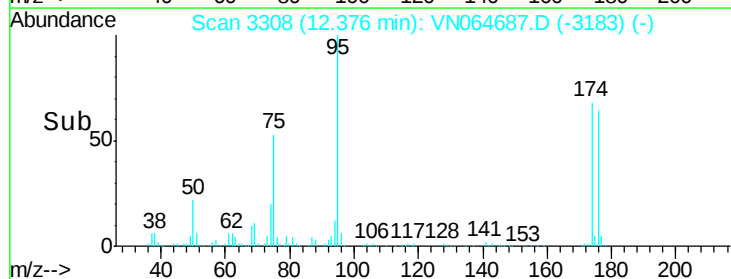
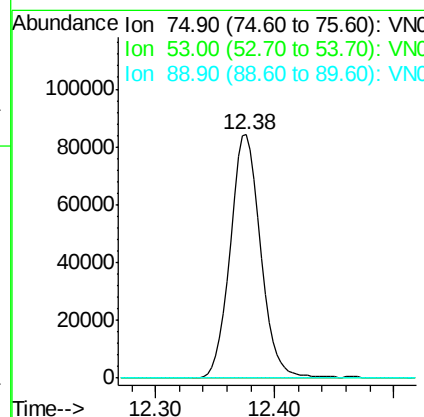
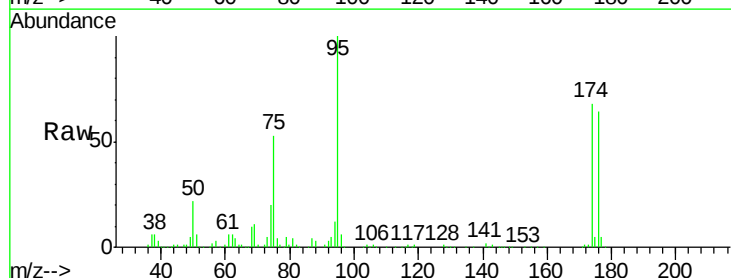
Instrument :
 MSVOA_N
 ClientSampleId :
 PB133059TB

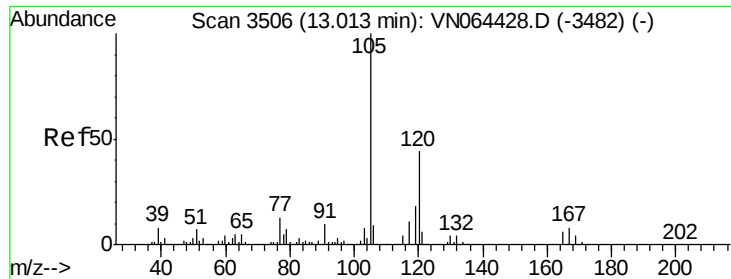
Tot Ion:105 Resp: 3186
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.4 70.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.219 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.10 min
 Lab File: VN064687.D
 Acq: 17 Nov 2020 17:55

Tgt Ion: 75 Resp: 149307
 Ion Ratio Lower Upper
 75 100
 53 0.1 84.0 126.0#
 89 0.1 36.3 54.5#

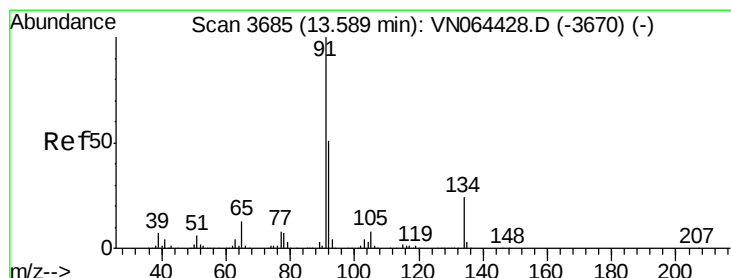
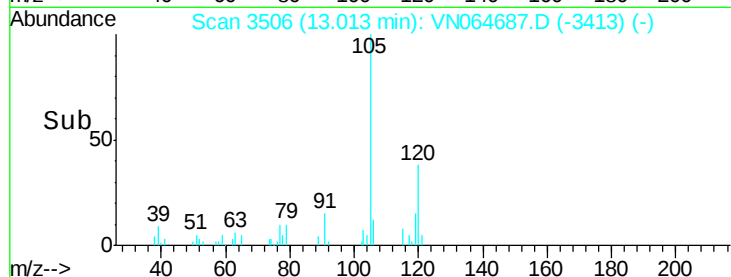
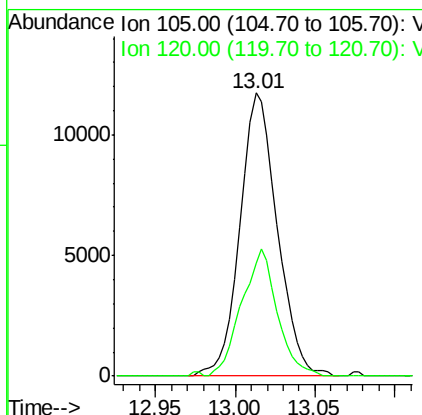
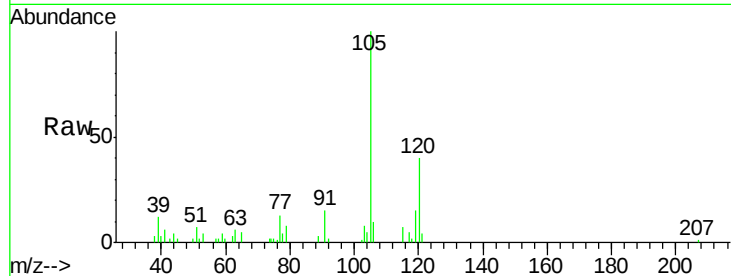




#84
1,2,4-Trimethylbenzene
Concen: 1.332 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064687.D
Acq: 17 Nov 2020 17:55

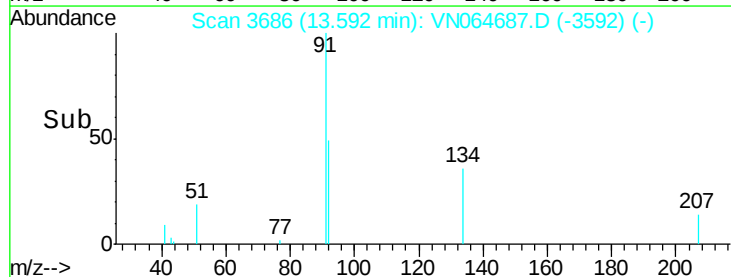
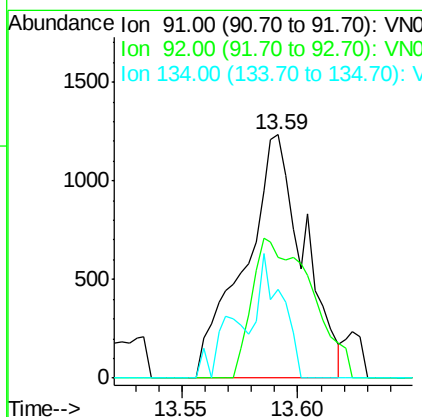
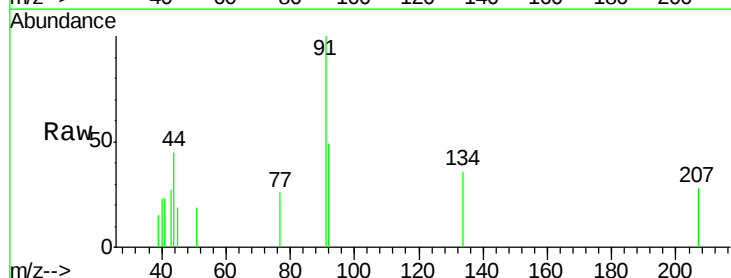
Instrument :
MSVOA_N
ClientSampled :
PB133059TB

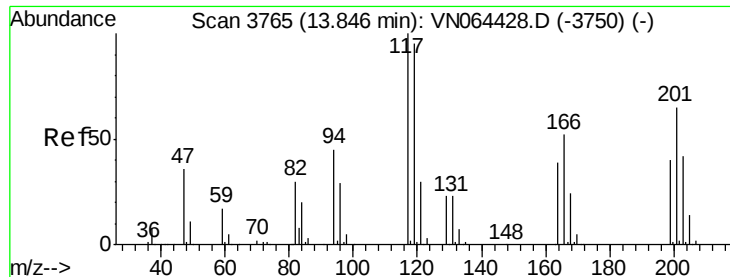
Tot Ion:105 Resp: 18602
Ion Ratio Lower Upper
105 100
120 43.2 21.9 65.7



#89
n-Butylbenzene
Concen: 0.207 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN064687.D
Acq: 17 Nov 2020 17:55

Tgt Ion: 91 Resp: 2198
Ion Ratio Lower Upper
91 100
92 57.7 25.3 75.9
134 20.9 11.8 35.4

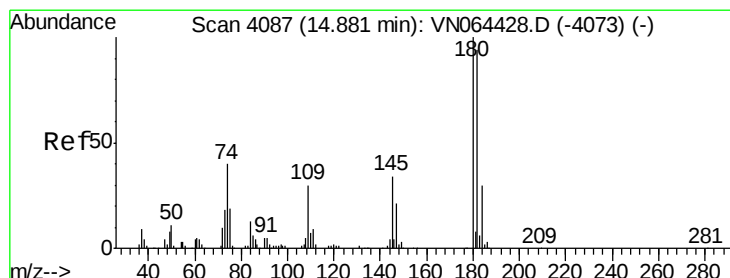
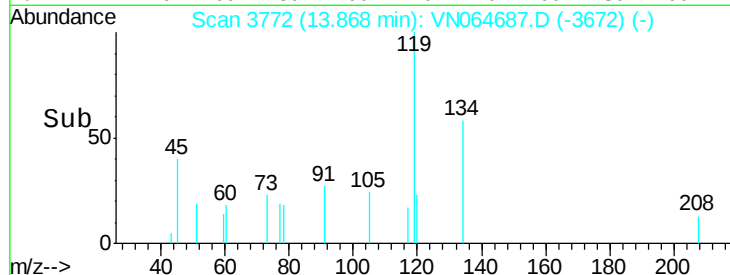
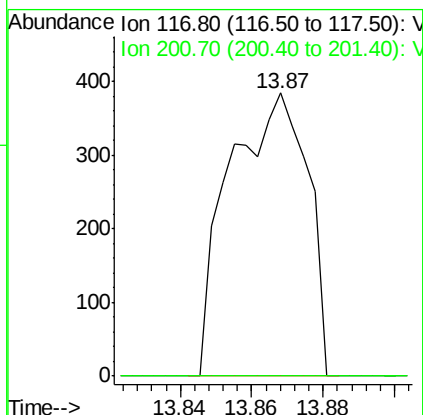
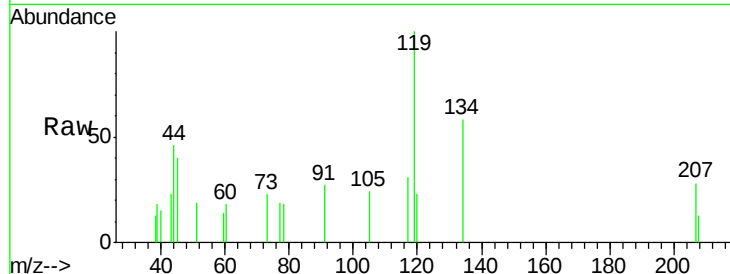




#90
Hexachloroethane
Concen: 0.244 ug/l
RT: 13.87 min Scan# 3772
Delta R.T. 0.02 min
Lab File: VN064687.D
Acq: 17 Nov 2020 17:55

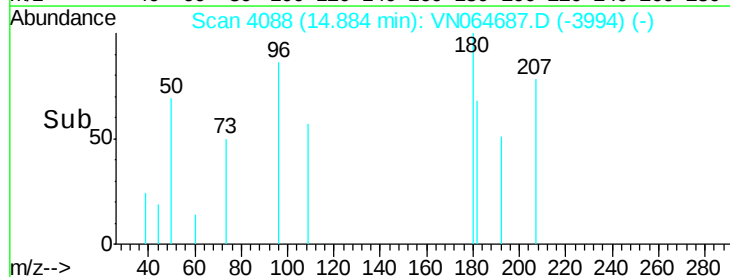
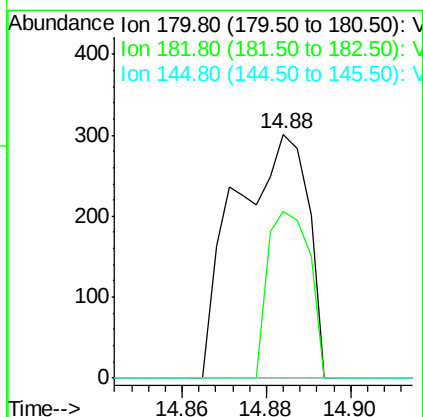
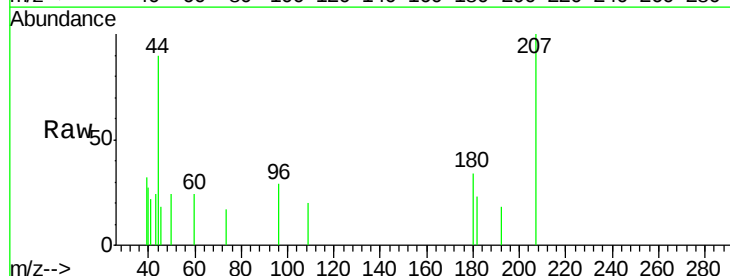
Instrument :
MSVOA_N
ClientSampled :
PB133059TB

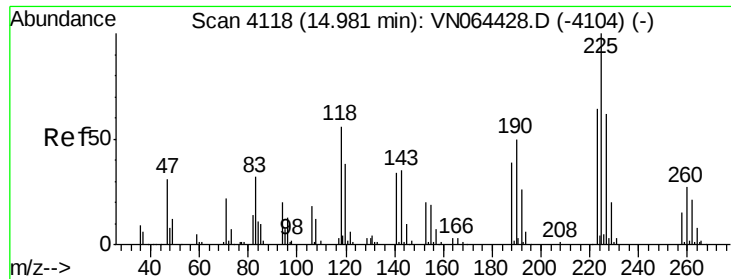
Tot Ion:117 Resp: 581
Ion Ratio Lower Upper
117 100
201 0.0 32.5 97.5#



#93
1,2,4-Trichlorobenzene
Concen: 2.764 ug/l
RT: 14.88 min Scan# 4088
Delta R.T. 0.00 min
Lab File: VN064687.D
Acq: 17 Nov 2020 17:55

Tgt Ion:180 Resp: 361
Ion Ratio Lower Upper
180 100
182 39.1 47.3 142.0#
145 0.0 16.7 50.1#





#94

Hexachlorobutadiene

Concen: 0.479 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN064687.D

Acq: 17 Nov 2020 17:55

Instrument :

MSVOA_N

ClientSampled :

PB133059TB

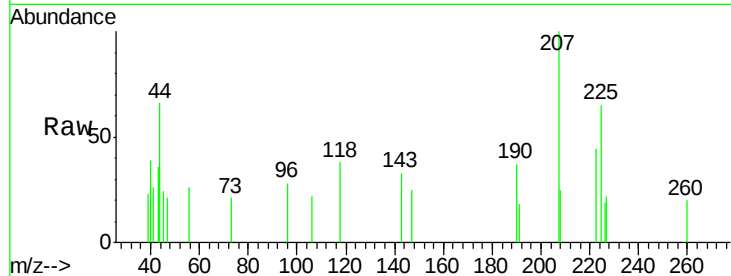
Tot Ion:225 Resp: 666

Ion Ratio Lower Upper

225 100

223 61.7 31.8 95.4

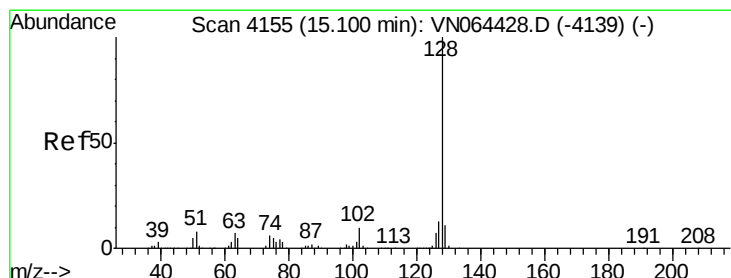
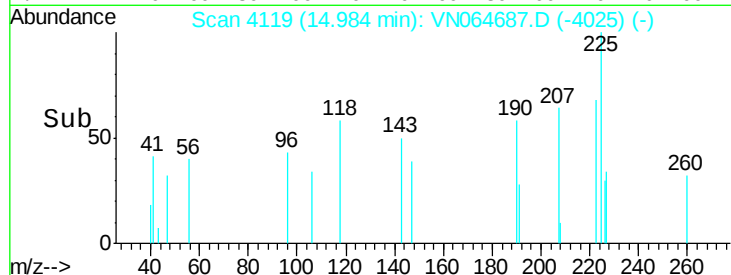
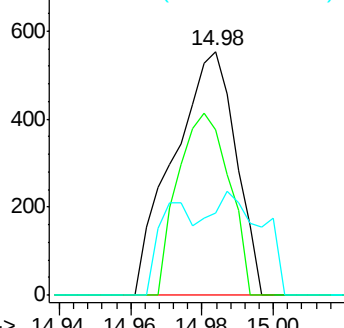
227 32.6 31.8 95.4



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: 3.893 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN064687.D

Acq: 17 Nov 2020 17:55

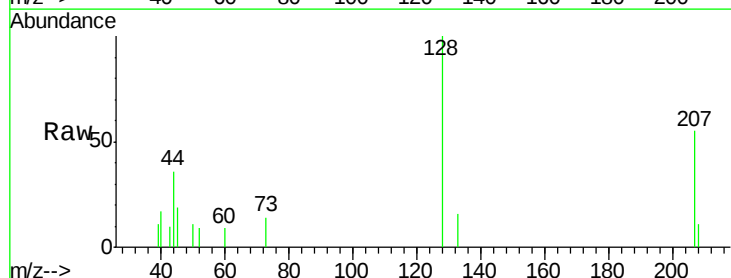
Tgt Ion:128 Resp: 3389

Ion Ratio Lower Upper

128 100

127 6.5 10.5 15.7#

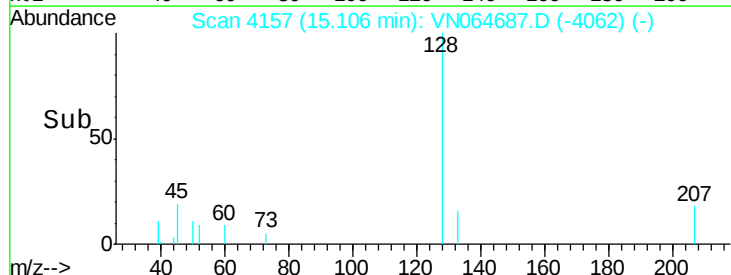
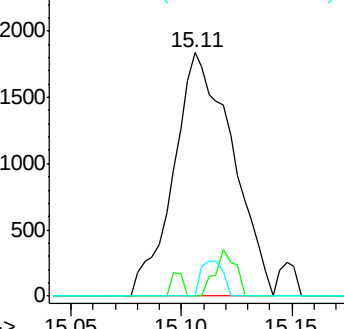
129 5.3 8.8 13.2#

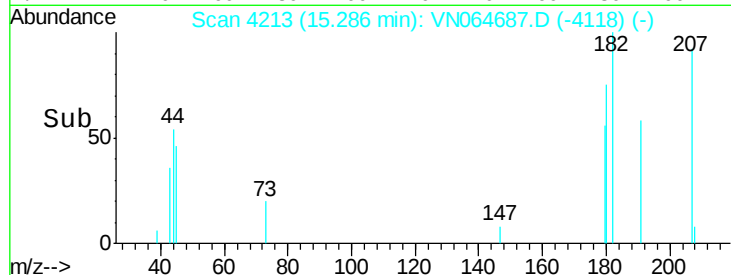
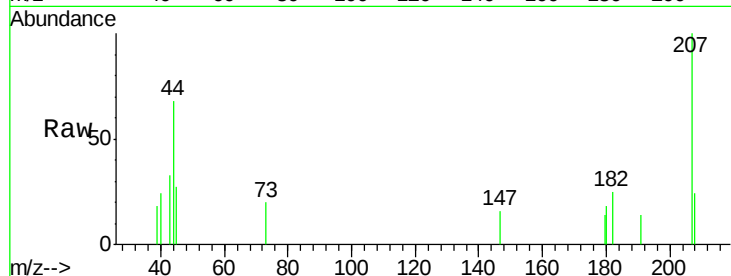
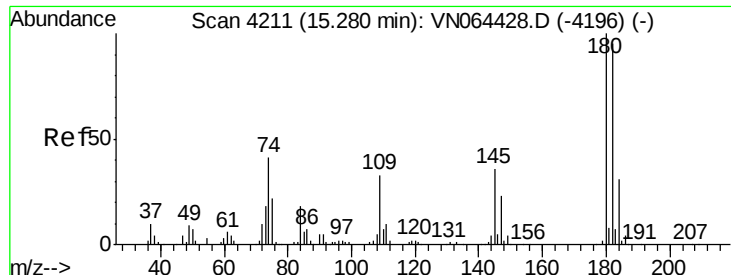


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 2.895 ug/l
 RT: 15.29 min Scan# 4213
 Delta R.T. 0.01 min
 Lab File: VN064687.D
 Acq: 17 Nov 2020 17:55

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133059TB

Tot Ion:180 Resp: 415
 Ion Ratio Lower Upper
 180 100
 182 81.4 47.7 143.1
 145 0.0 18.3 54.8#

