

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062086.D
 Acq On : 25 Jun 2020 1:03
 Operator : JC/MD
 Sample : PB129725TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129725TB

Quant Time: Jun 25 04:35:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	219111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	417370	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	423077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	153658	50.00	ug/l	0.00

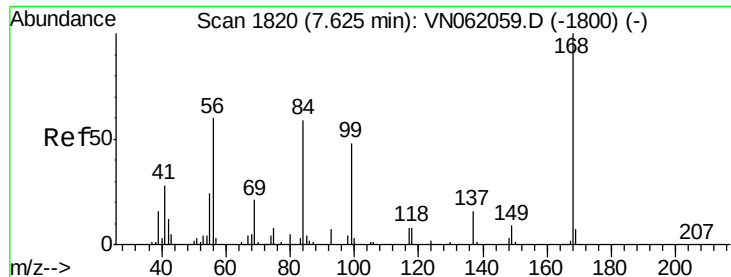
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	155038	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
35) Dibromofluoromethane	7.55	113	130374	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
50) Toluene-d8	10.06	98	541814	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.38	95	182666	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	

Target Compounds

					Qvalue
3) Chloromethane	2.03	50	508	Below Cal	93
5) Bromomethane	2.55	94	977	0.388 ug/l	99
8) Diethyl Ether	3.37	74	553	0.330 ug/l	82
16) Acetone	3.78	43	14235	10.874 ug/l	98
17) Carbon Disulfide	4.01	76	3054	0.474 ug/l #	75
18) Methyl Acetate	4.28	43	1950	0.798 ug/l #	73
20) Methylene Chloride	4.50	84	15481	5.291 ug/l	96
25) 2-Butanone	6.80	43	2939	1.955 ug/l	94
29) Tetrahydrofuran	7.19	42	1051	1.068 ug/l #	37
31) Cyclohexane	7.62	56	5056	1.190 ug/l #	14
36) 1,1-Dichloropropene	7.63	75	17919	4.271 ug/l #	47
38) Carbon Tetrachloride	7.62	117	22397	5.663 ug/l #	16
41) Methacrylonitrile	7.17	41	642	0.399 ug/l #	26
43) Isopropyl Acetate	8.13	43	59305	10.472 ug/l	99
45) 1,2-Dichloropropane	9.23	63	1469	0.466 ug/l #	43
48) Methyl methacrylate	9.15	41	3293	1.297 ug/l #	6
51) 4-Methyl-2-Pentanone	9.95	43	5965	1.803 ug/l	89
54) cis-1,3-Dichloropropene	9.88	75	30772	6.083 ug/l #	65
56) Ethyl methacrylate	10.51	69	1435	0.351 ug/l #	1
57) 1,3-Dichloropropane	10.73	76	5817	1.102 ug/l #	42
59) 2-Hexanone	10.74	43	70497	29.507 ug/l #	50
71) Bromoform	12.38	173	1518	0.665 ug/l #	1
74) N-ethyl acetate	12.00	43	2361	3.846 ug/l #	38
76) 1,2,3-Trichloropropane	12.37	75	92035	25.443 ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	3253	0.337 ug/l	97
81) trans-1,4-Dichloro-2-buten	12.37	75	92035	74.304 ug/l #	13
93) 1,2,4-Trichlorobenzene	14.89	180	1153	0.525 ug/l	77
94) Hexachlorobutadiene	14.99	225	309	0.324 ug/l #	47
95) Naphthalene	15.11	128	4665	4.581 ug/l #	92
96) 1,2,3-Trichlorobenzene	15.29	180	1122	0.500 ug/l	90

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062086.D

Acq: 25 Jun 2020 1:03

Instrument :

MSVOA_N

ClientSampleID :

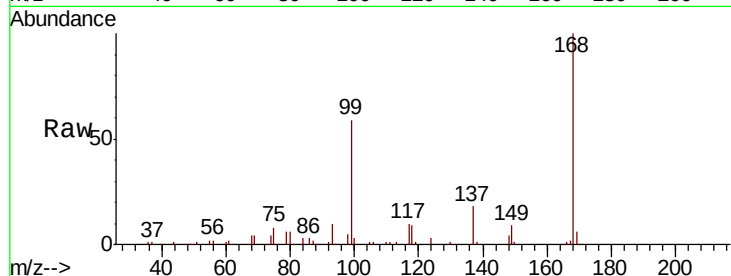
PB129725TB

Tot Ion:168 Resp: 219111

Ion Ratio Lower Upper

168 100

99 59.1 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

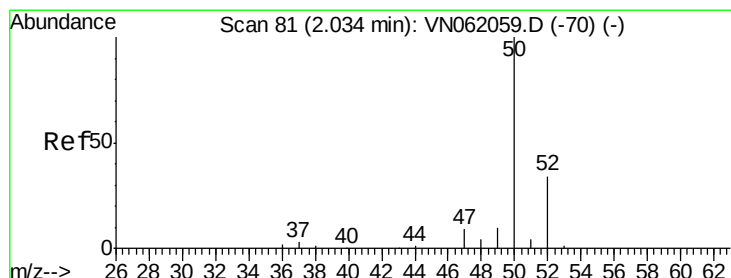
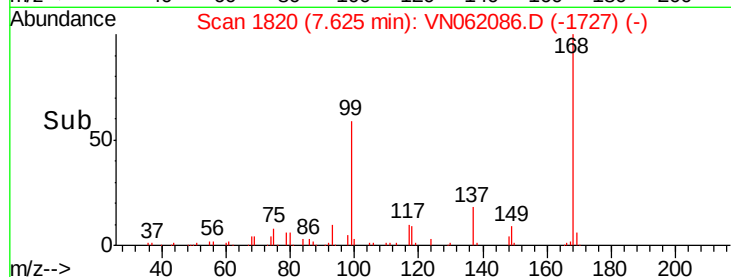
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN062086.D

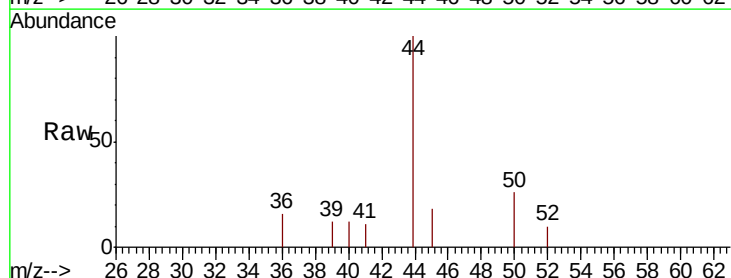
Acq: 25 Jun 2020 1:03

Tgt Ion: 50 Resp: 508

Ion Ratio Lower Upper

50 100

52 37.7 27.0 40.6



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.03

400

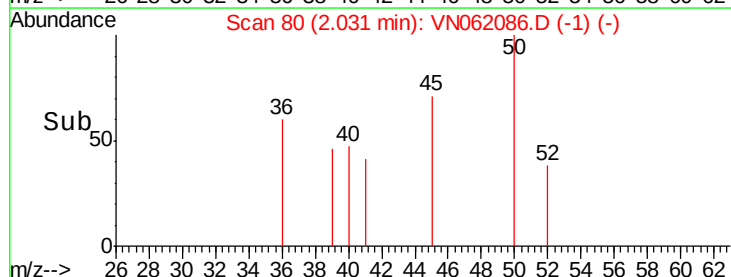
300

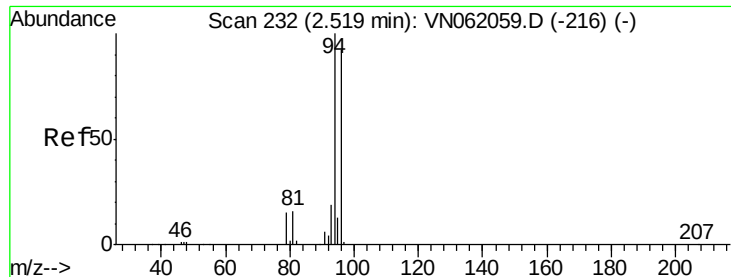
200

100

0

Time-->





#5

Bromomethane

Concen: 0.388 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.03 min

Lab File: VN062086.D

Acq: 25 Jun 2020 1:03

Instrument :

MSVOA_N

ClientSampled :

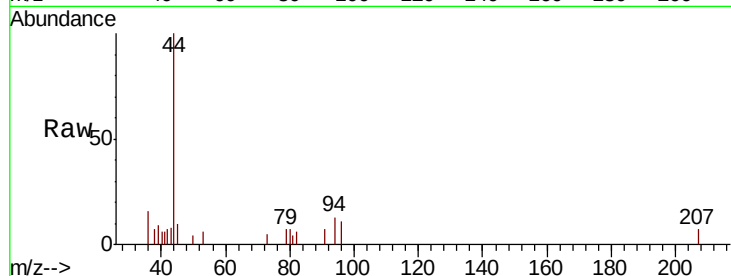
PB129725TB

Tot Ion: 94 Resp: 977

Ion Ratio Lower Upper

94 100

96 90.6 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN062059.D

Ion 95.90 (95.60 to 96.60): VN062059.D

2.55

400

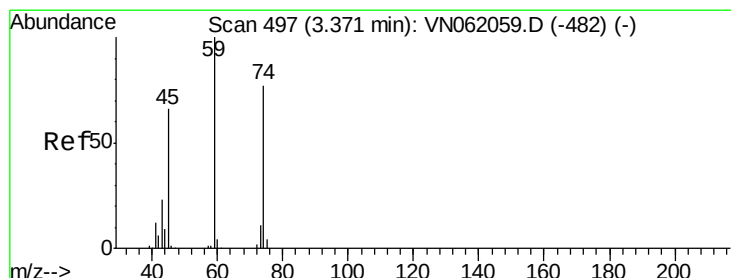
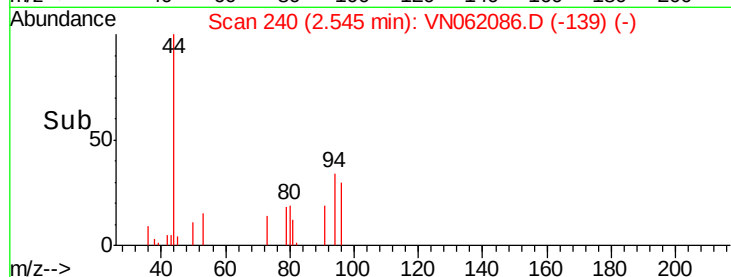
300

200

100

0

Time-->



#8

Diethyl Ether

Concen: 0.330 ug/l

RT: 3.37 min Scan# 497

Delta R.T. -0.00 min

Lab File: VN062086.D

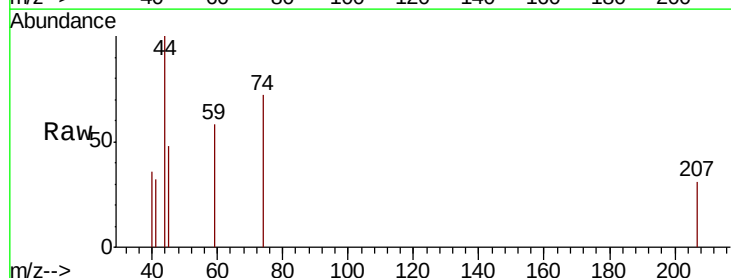
Acq: 25 Jun 2020 1:03

Tgt Ion: 74 Resp: 553

Ion Ratio Lower Upper

74 100

45 101.8 42.5 127.5



Abundance Ion 74.00 (73.70 to 74.70): VN062059.D

Ion 45.00 (44.70 to 45.70): VN062059.D

3.37

400

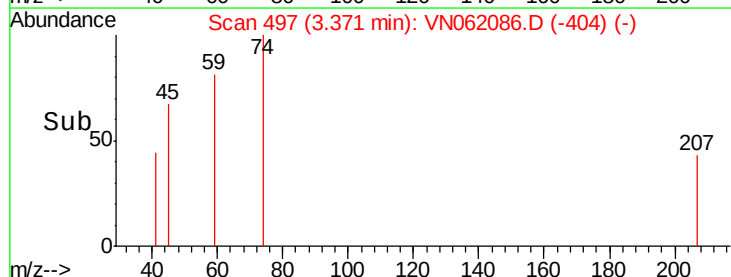
300

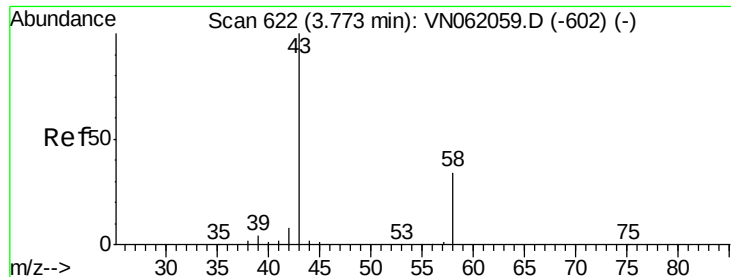
200

100

0

Time-->





#16

Acetone

Concen: 10.874 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062086.D

Acq: 25 Jun 2020 1:03

Instrument :

MSVOA_N

ClientSampleId :

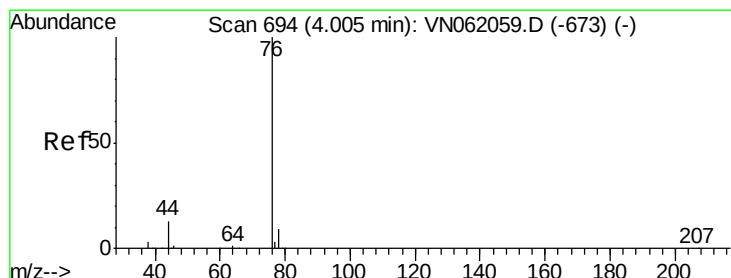
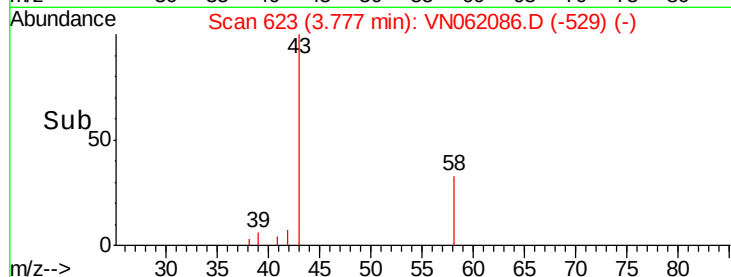
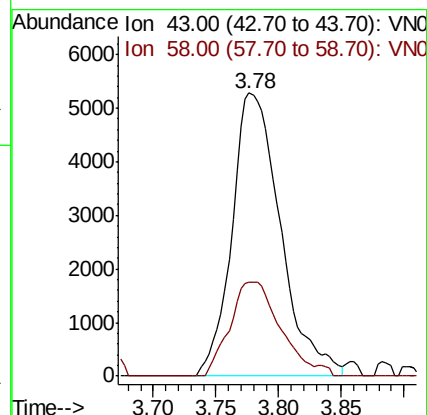
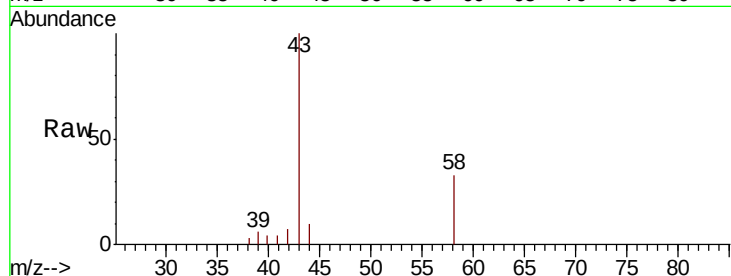
PB129725TB

Tot Ion: 43 Resp: 14235

Ion Ratio Lower Upper

43 100

58 33.0 27.5 41.3



#17

Carbon Disulfide

Concen: 0.474 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN062086.D

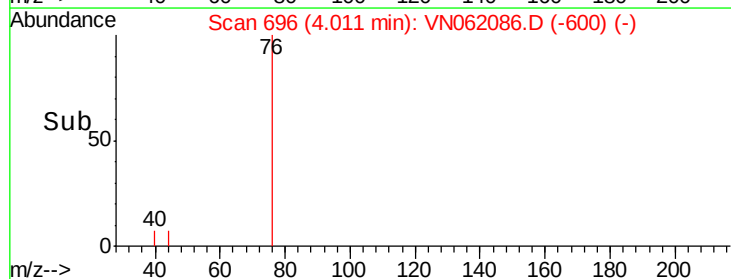
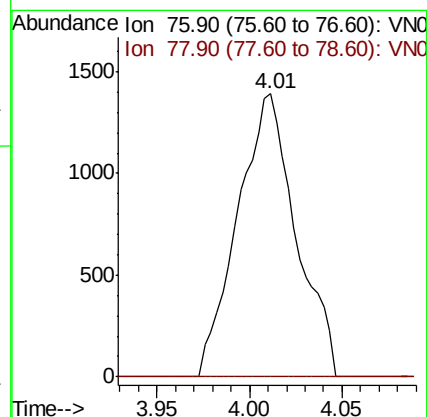
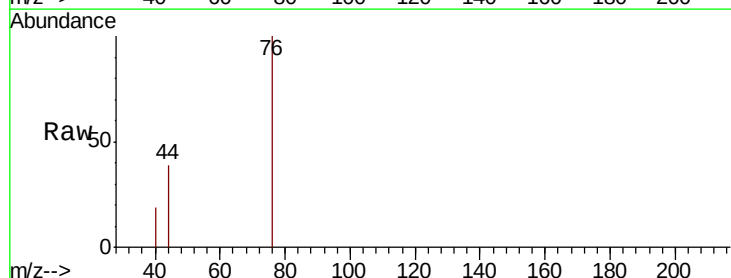
Acq: 25 Jun 2020 1:03

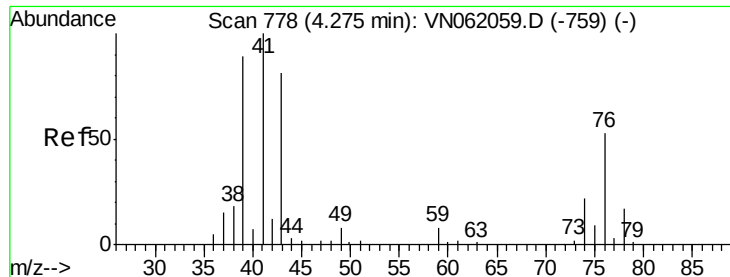
Tgt Ion: 76 Resp: 3054

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

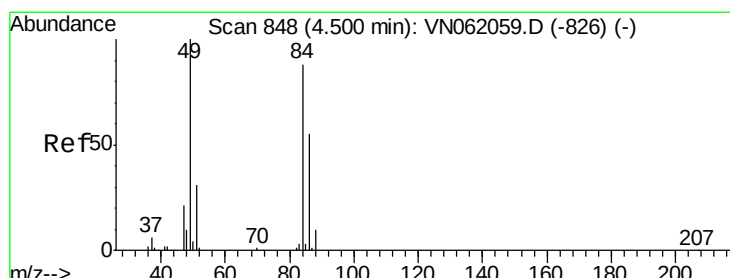
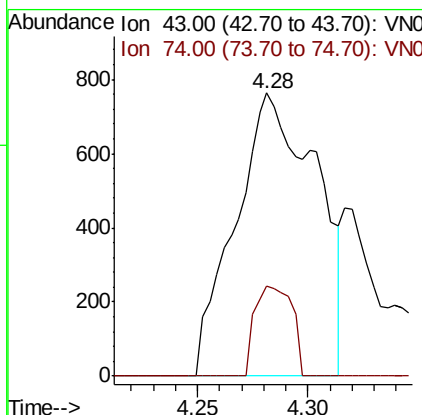
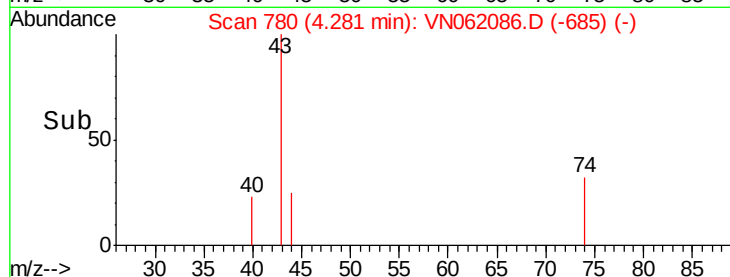
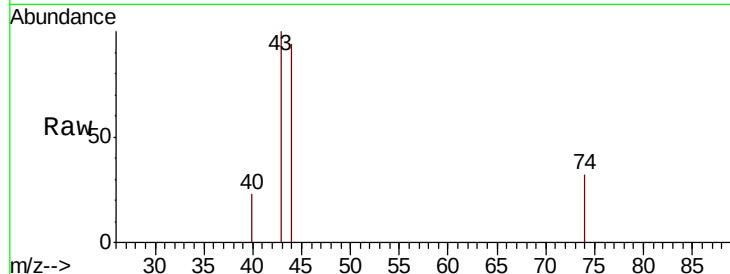




#18
Methyl Acetate
Concen: 0.798 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.01 min
Lab File: VN062086.D
Acq: 25 Jun 2020 1:03

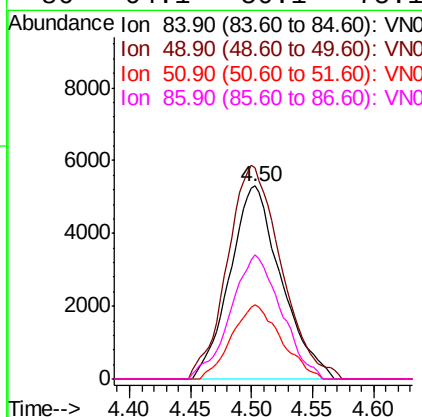
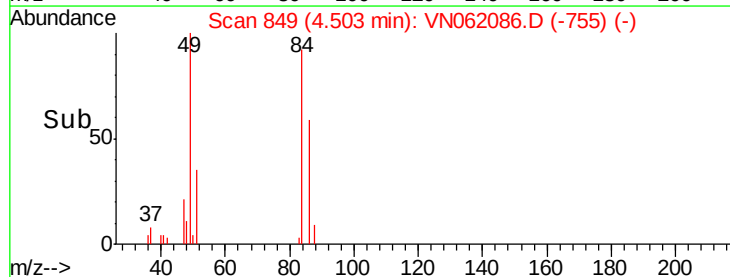
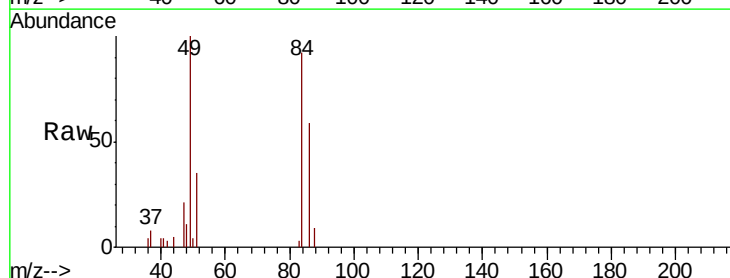
Instrument :
MSVOA_N
ClientSampled :
PB129725TB

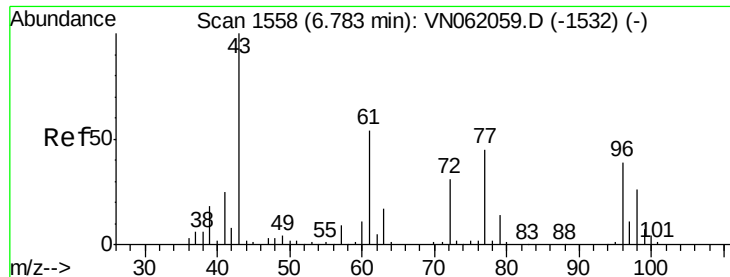
Tot Ion: 43 Resp: 1950
Ion Ratio Lower Upper
43 100
74 14.5 22.9 34.3#



#20
Methylene Chloride
Concen: 5.291 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062086.D
Acq: 25 Jun 2020 1:03

Tgt Ion: 84 Resp: 15481
Ion Ratio Lower Upper
84 100
49 109.2 90.6 136.0
51 38.3 27.8 41.8
86 64.1 50.1 75.1





#25

2-Butanone

Concen: 1.955 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.01 min

Lab File: VN062086.D

Acq: 25 Jun 2020 1:03

Instrument :

MSVOA_N

ClientSampled :

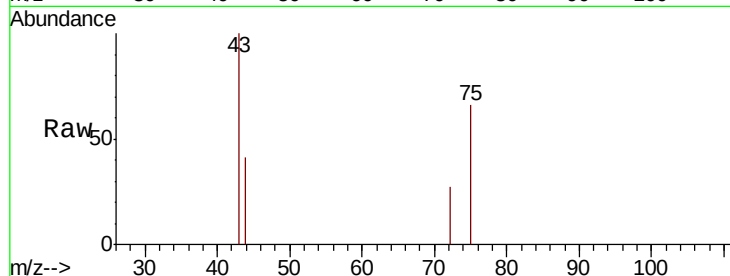
PB129725TB

Tot Ion: 43 Resp: 2939

Ion Ratio Lower Upper

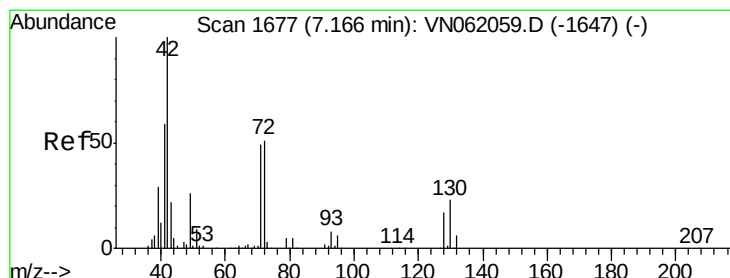
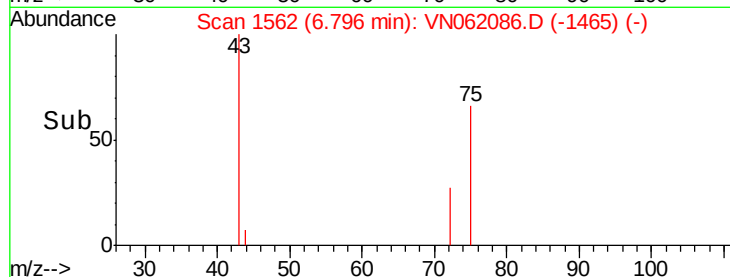
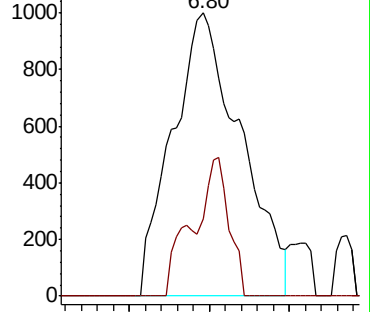
43 100

72 27.4 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1532) (-)

Ion 72.00 (71.70 to 72.70): VN062059.D (-1532) (-)



#29

Tetrahydrofuran

Concen: 1.068 ug/l

RT: 7.19 min Scan# 1684

Delta R.T. 0.02 min

Lab File: VN062086.D

Acq: 25 Jun 2020 1:03

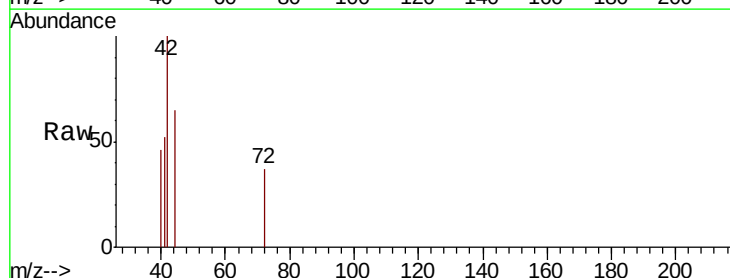
Tgt Ion: 42 Resp: 1051

Ion Ratio Lower Upper

42 100

72 12.6 41.1 61.7#

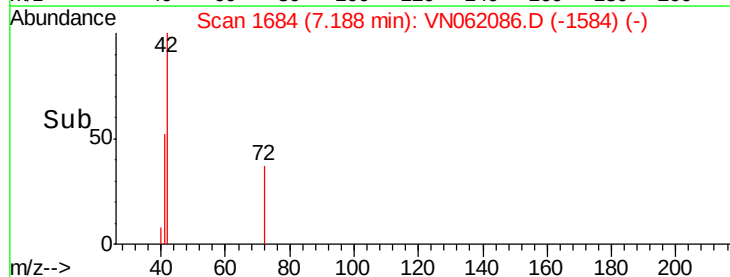
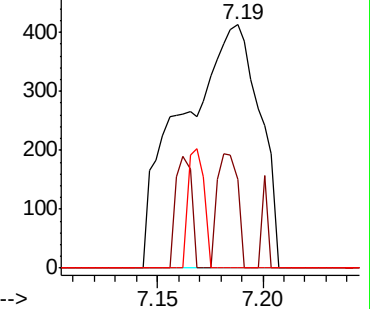
71 0.0 38.2 57.4#

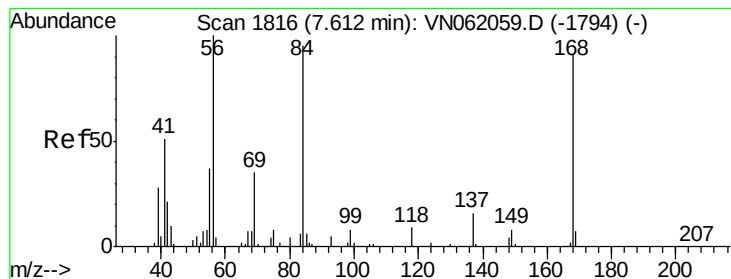


Abundance Ion 42.00 (41.70 to 42.70): VN062059.D (-1647) (-)

Ion 72.00 (71.70 to 72.70): VN062059.D (-1647) (-)

Ion 71.00 (70.70 to 71.70): VN062059.D (-1647) (-)





#31

Cyclohexane

Concen: 1.190 ug/l

RT: 7.62 min Scan# 1816

Delta R.T. 0.01 min

Lab File: VN062086.D

Acq: 25 Jun 2020 1:03

Instrument :

MSVOA_N

ClientSampleId :

PB129725TB

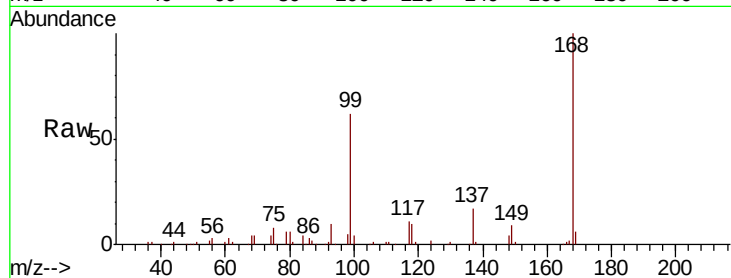
Tot Ion: 56 Resp: 5056

Ion Ratio Lower Upper

56 100

69 155.3 28.0 42.0#

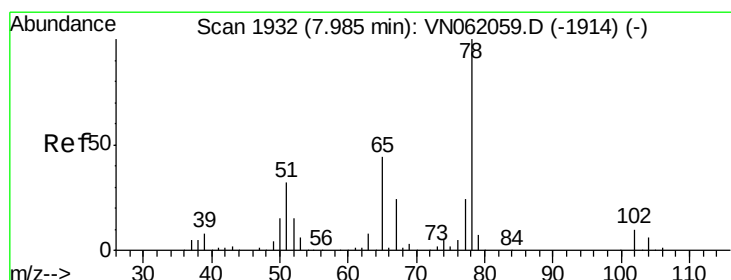
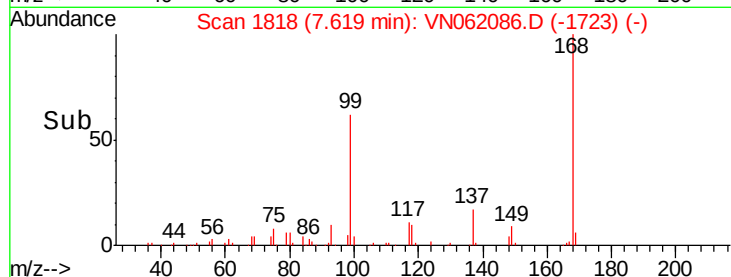
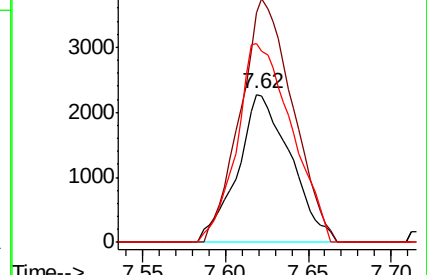
84 134.7 76.1 114.1#



Abundance Ion 56.00 (55.70 to 56.70): VN062059.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN062059.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN062059.D (-1794) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.421 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062086.D

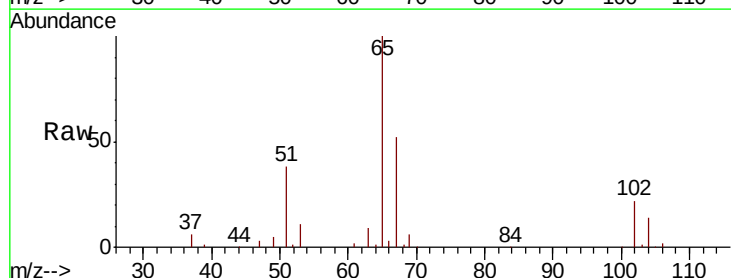
Acq: 25 Jun 2020 1:03

Tgt Ion: 65 Resp: 155038

Ion Ratio Lower Upper

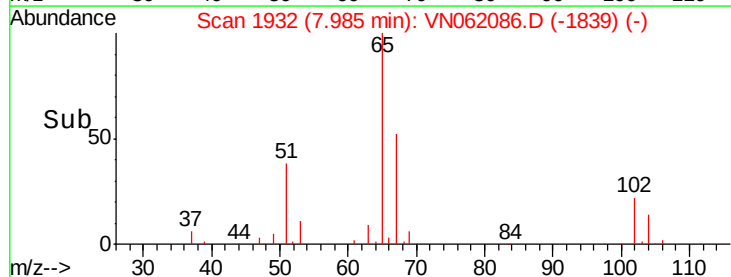
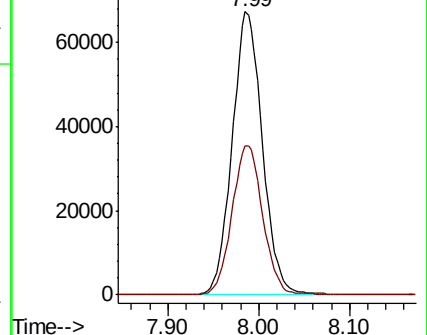
65 100

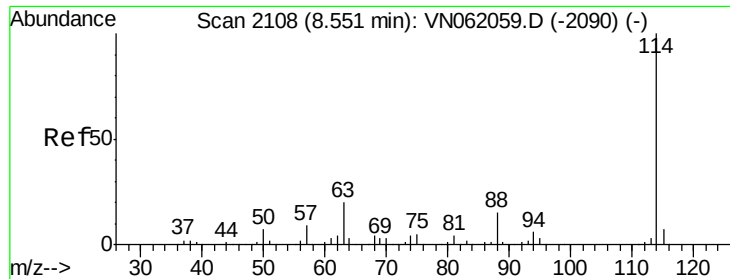
67 53.8 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062059.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN062059.D (-1914) (-)

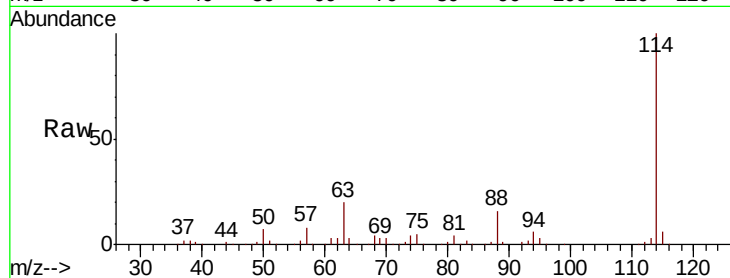




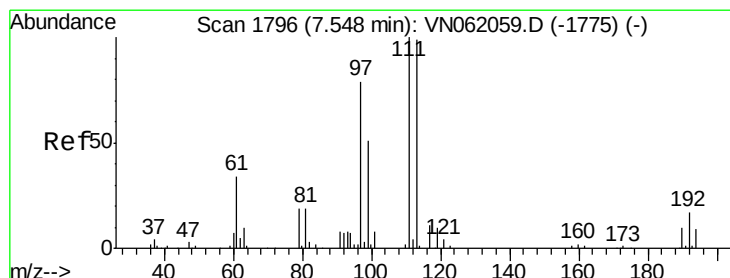
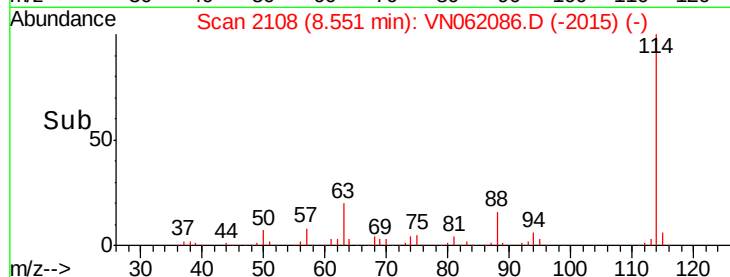
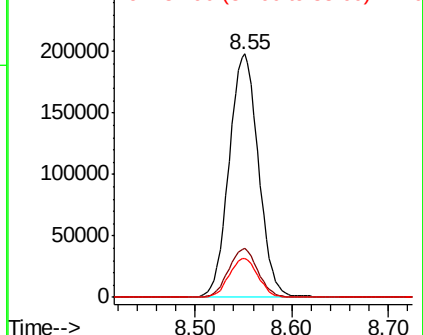
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062086.D
Acq: 25 Jun 2020 1:03

Instrument :
MSVOA_N
ClientSampleId :
PB129725TB

Tot Ion:114 Resp: 417370
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.2
88 16.0 0.0 30.8

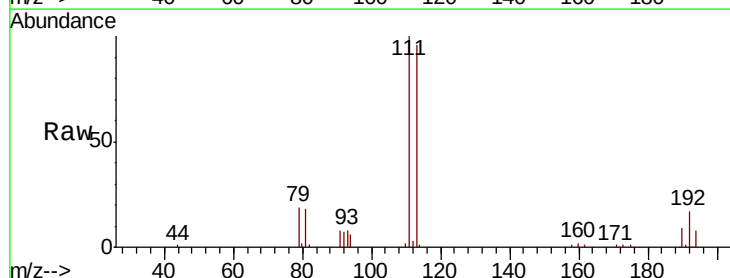


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

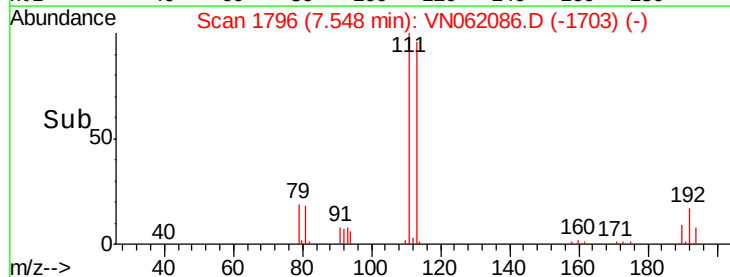
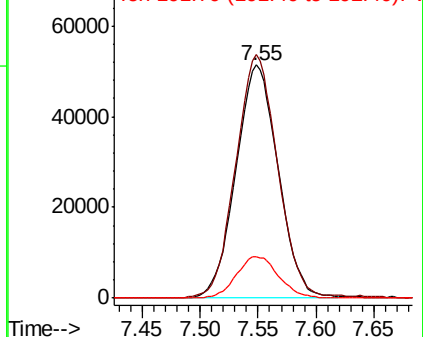


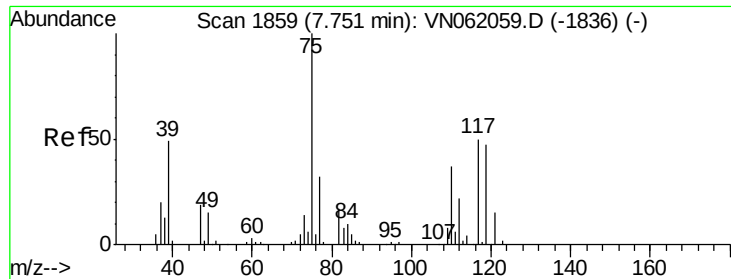
#35
Dibromofluoromethane
Concen: 48.690 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062086.D
Acq: 25 Jun 2020 1:03

Tgt Ion:113 Resp: 130374
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 17.7 14.0 21.0



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

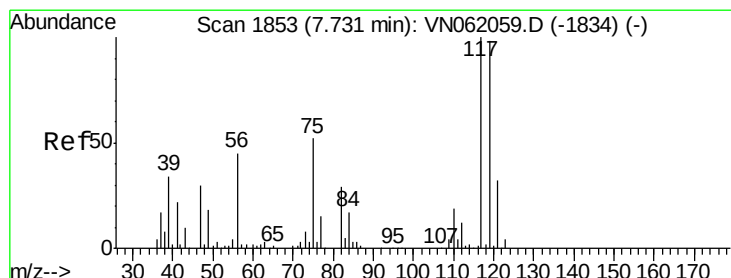
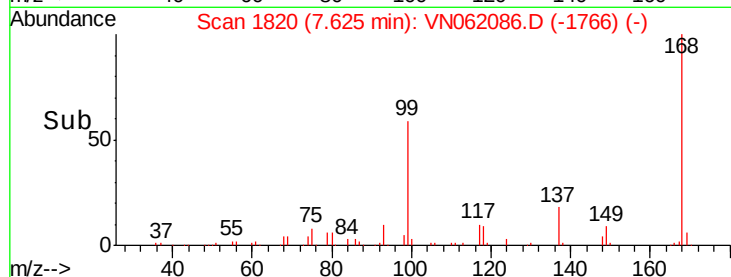
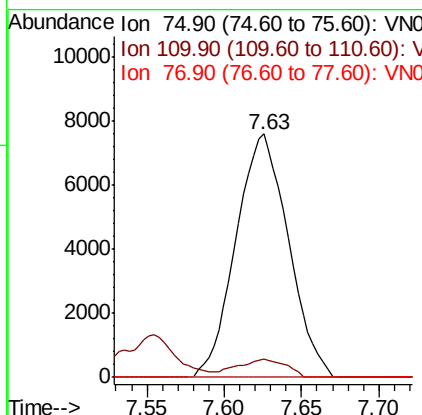
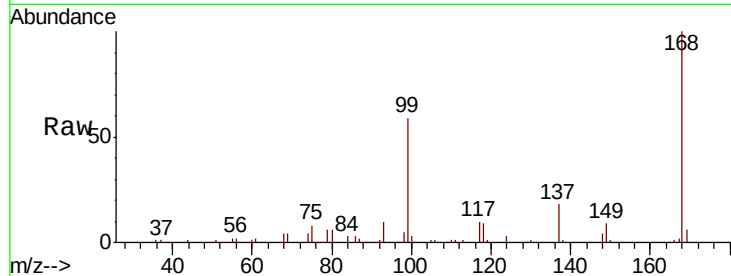




#36
 1,1-Dichloropropene
 Concen: 4.271 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062086.D
 Acq: 25 Jun 2020 1:03

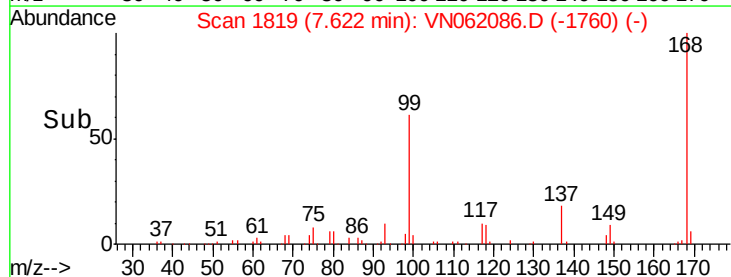
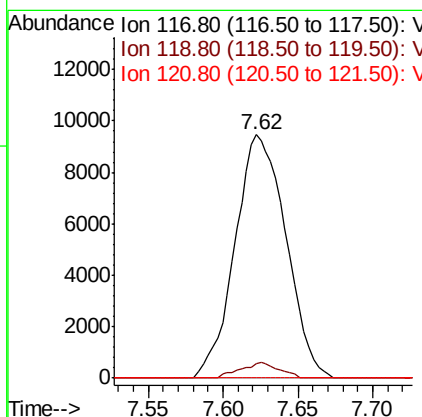
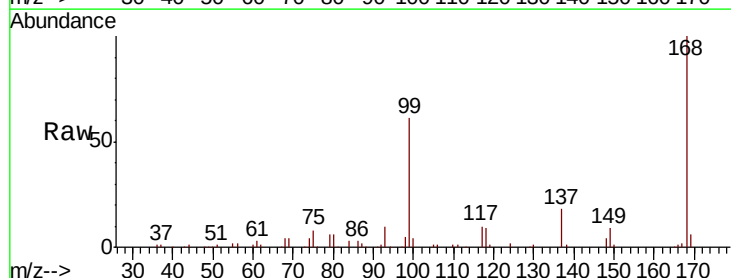
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129725TB

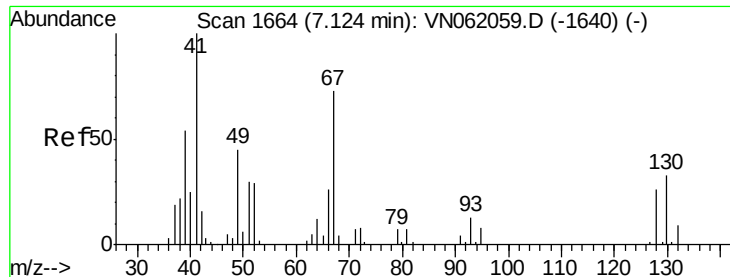
Tot Ion	75	Resp	17919
Ion Ratio	Lower	Upper	
75	100		
110	7.0	17.9	53.8#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.663 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.11 min
 Lab File: VN062086.D
 Acq: 25 Jun 2020 1:03

Tgt Ion	117	Resp	22397
Ion Ratio	Lower	Upper	
117	100		
119	5.7	78.2	117.2#
121	0.0	25.8	38.6#

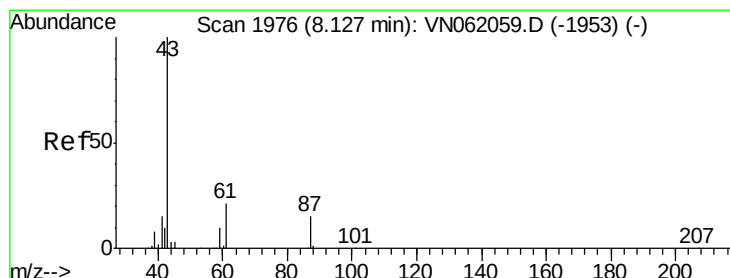
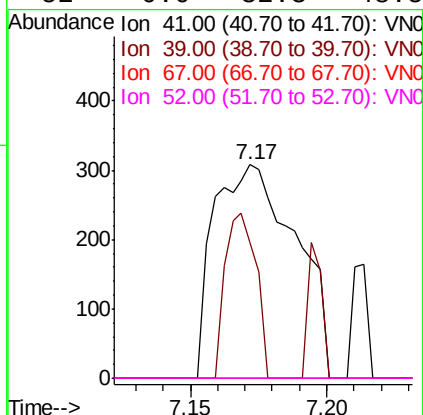
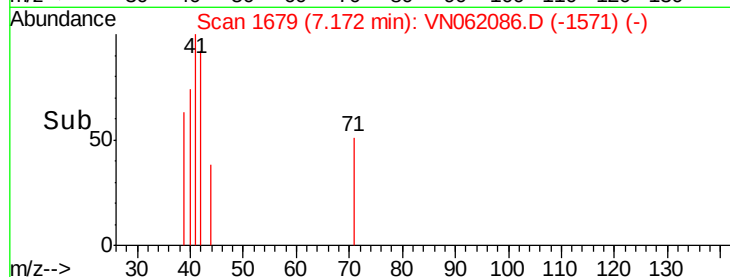
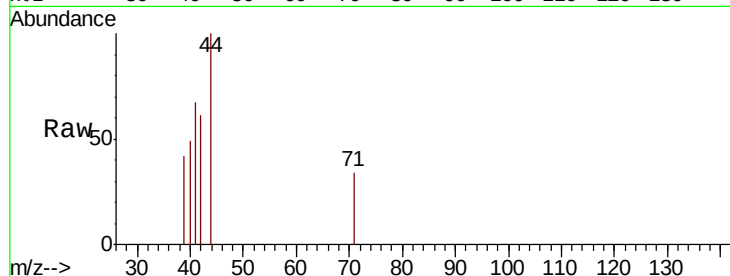




#41
Methacrylonitrile
Concen: 0.399 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.05 min
Lab File: VN062086.D
Acq: 25 Jun 2020 1:03

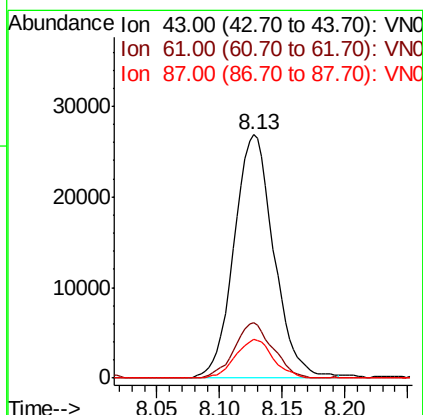
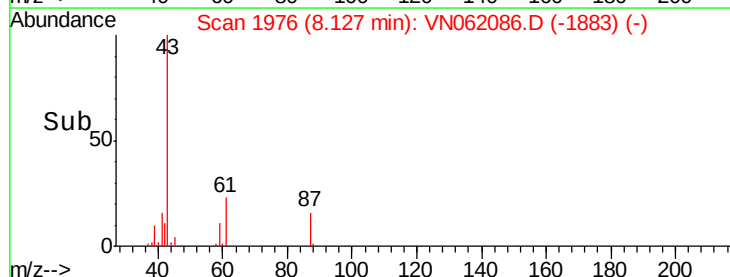
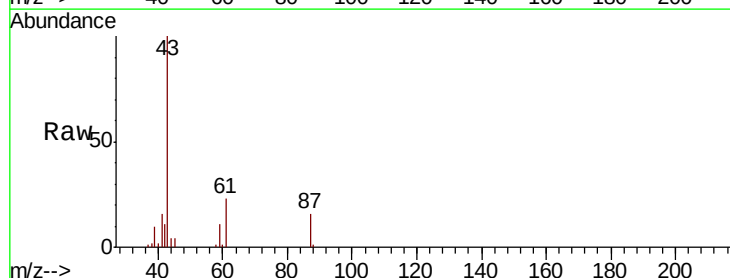
Instrument :
MSVOA_N
ClientSampleId :
PB129725TB

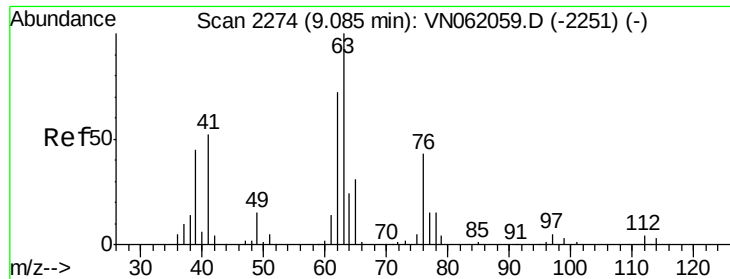
Tot Ion: 41 Resp: 642
Ion Ratio Lower Upper
41 100
39 29.3 44.2 66.2#
67 0.0 79.5 119.3#
52 0.0 32.3 48.5#



#43
Isopropyl Acetate
Concen: 10.472 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062086.D
Acq: 25 Jun 2020 1:03

Tgt Ion: 43 Resp: 59305
Ion Ratio Lower Upper
43 100
61 21.9 17.2 25.8
87 15.1 12.1 18.1

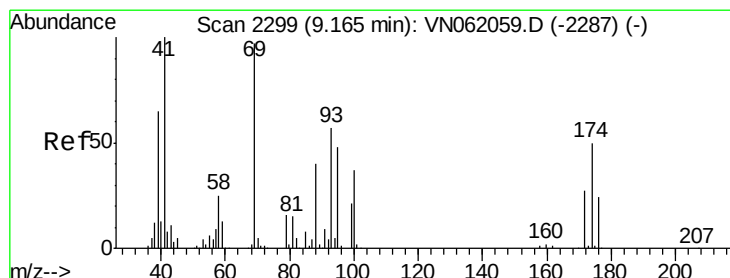
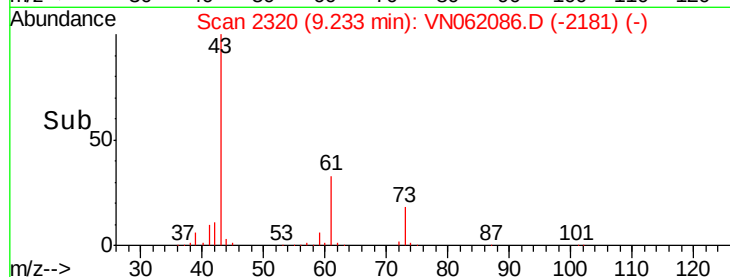
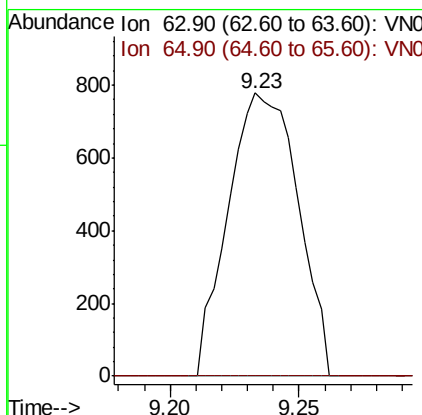
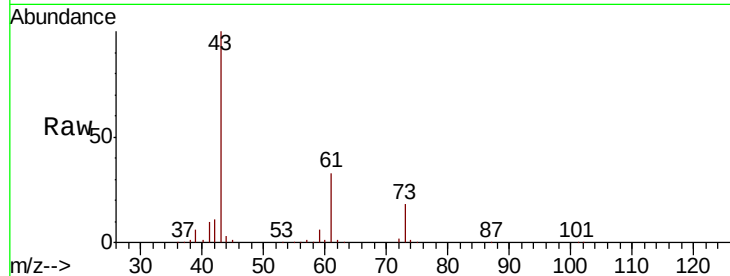




#45
 1,2-Dichloropropane
 Concen: 0.466 ug/l
 RT: 9.23 min Scan# 2320
 Delta R.T. 0.15 min
 Lab File: VN062086.D
 Acq: 25 Jun 2020 1:03

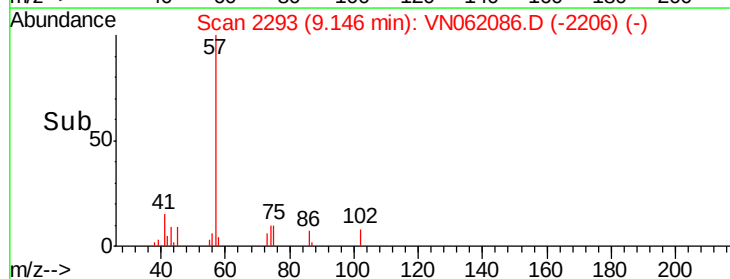
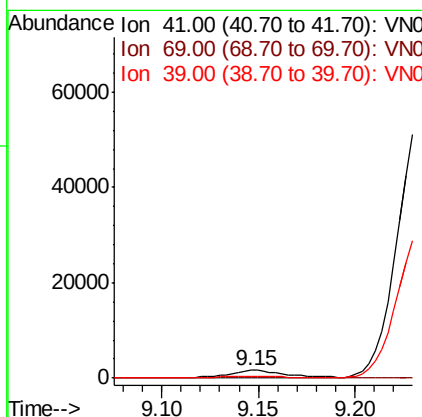
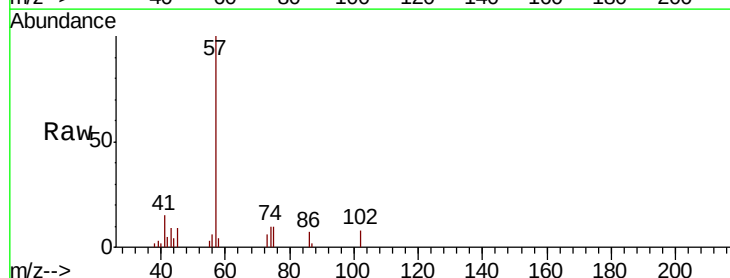
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129725TB

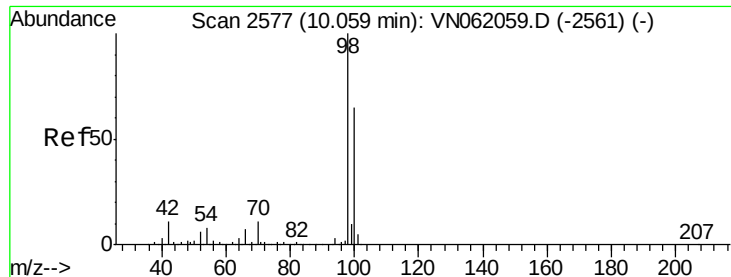
Tot Ion: 63 Resp: 1469
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.4#



#48
 Methyl methacrylate
 Concen: 1.297 ug/l
 RT: 9.15 min Scan# 2293
 Delta R.T. -0.02 min
 Lab File: VN062086.D
 Acq: 25 Jun 2020 1:03

Tgt Ion: 41 Resp: 3293
 Ion Ratio Lower Upper
 41 100
 69 0.0 80.7 121.1#
 39 0.0 54.5 81.7#





#50

Toluene-d8

Concen: 50.621 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062086.D

Acq: 25 Jun 2020 1:03

Instrument :

MSVOA_N

ClientSampled :

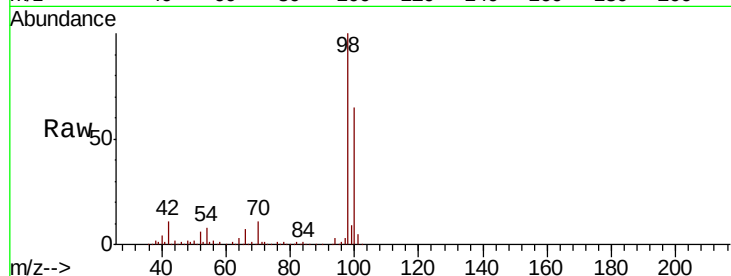
PB129725TB

Tot Ion: 98 Resp: 541814

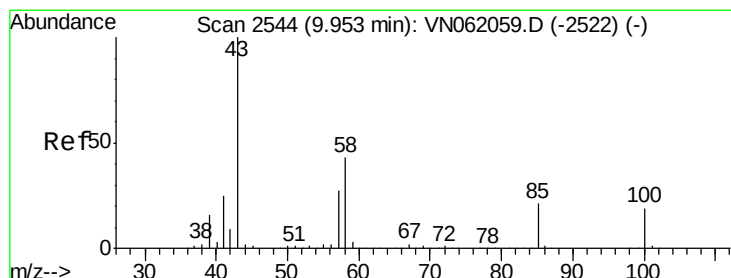
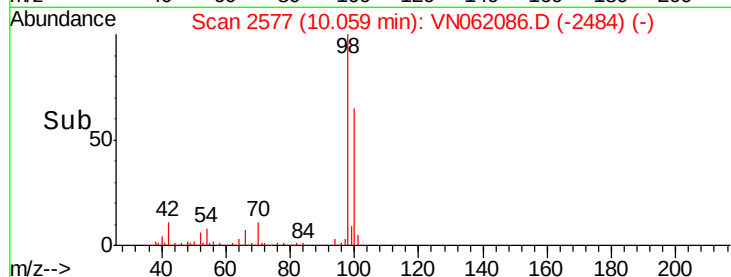
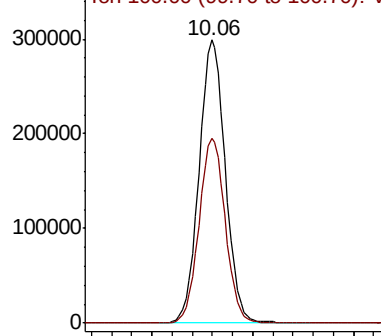
Ion Ratio Lower Upper

98 100

100 65.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062059.D (-2561) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.803 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062086.D

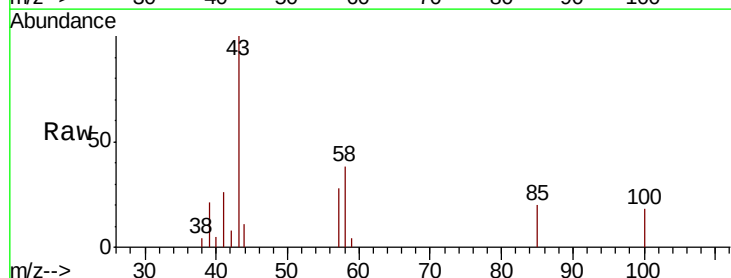
Acq: 25 Jun 2020 1:03

Tgt Ion: 43 Resp: 5965

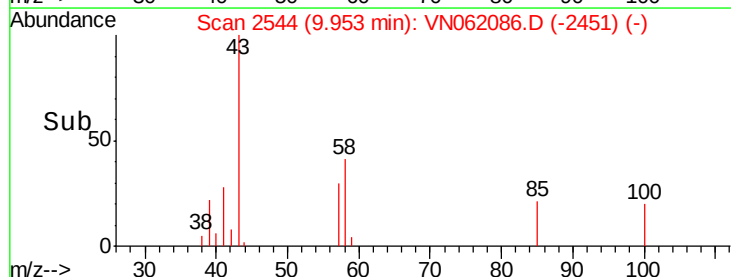
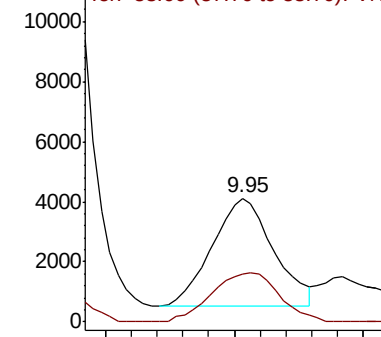
Ion Ratio Lower Upper

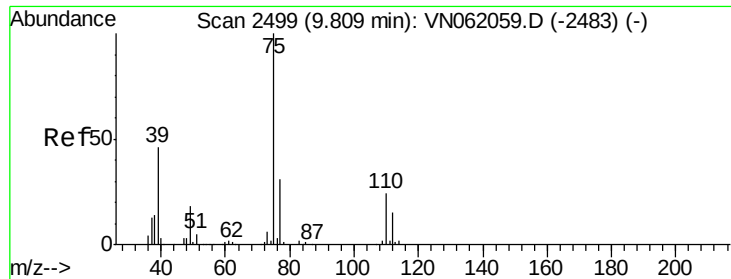
43 100

58 50.0 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-2522) (-)





#54

cis-1,3-Dichloropropene

Concen: 6.083 ug/l

RT: 9.88 min Scan# 2520

Delta R.T. 0.07 min

Lab File: VN062086.D

Acq: 25 Jun 2020 1:03

Instrument :

MSVOA_N

ClientSampleId :

PB129725TB

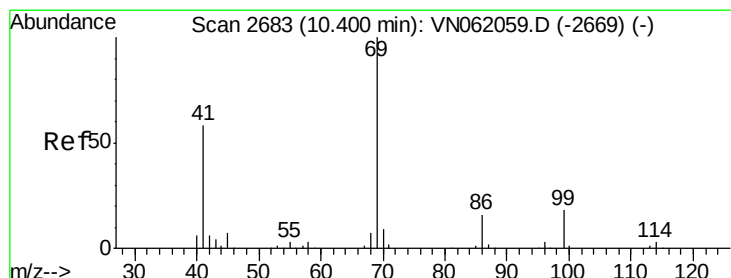
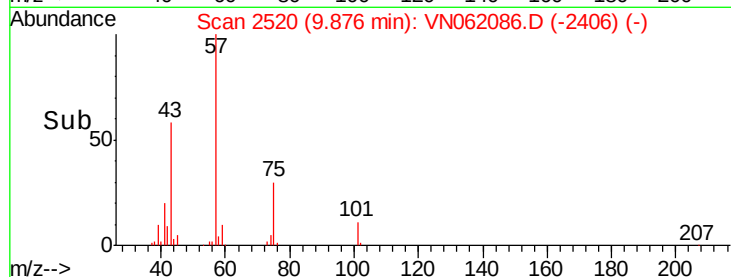
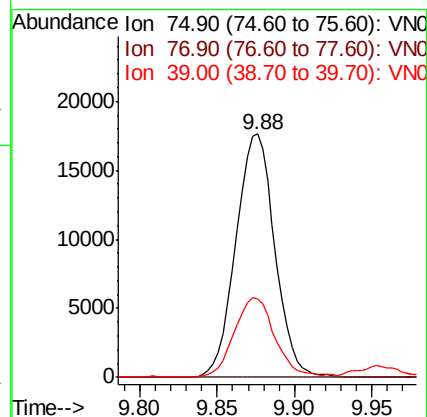
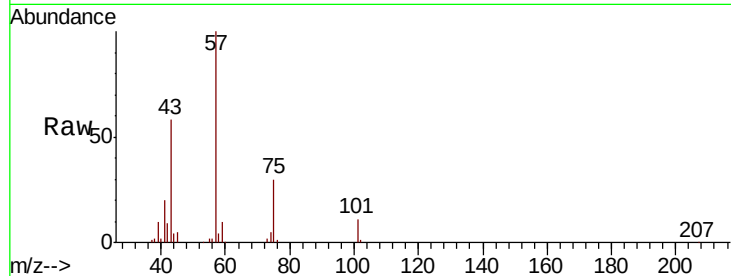
Tot Ion: 75 Resp: 30772

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.6#

39 32.4 36.9 55.3#



#56

Ethyl methacrylate

Concen: 0.351 ug/l

RT: 10.51 min Scan# 2718

Delta R.T. 0.11 min

Lab File: VN062086.D

Acq: 25 Jun 2020 1:03

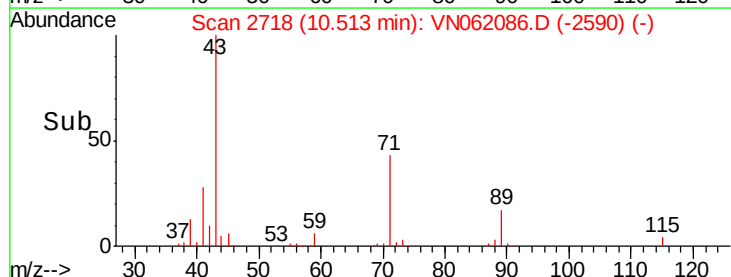
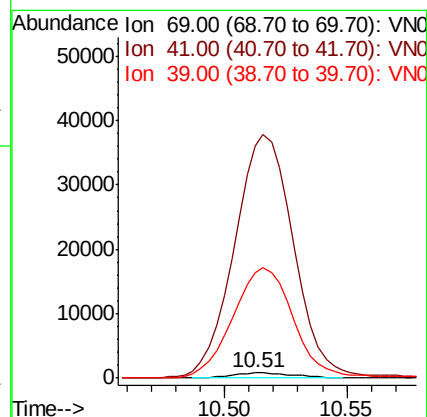
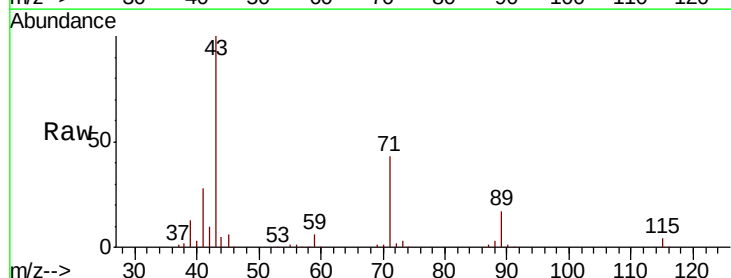
Tgt Ion: 69 Resp: 1435

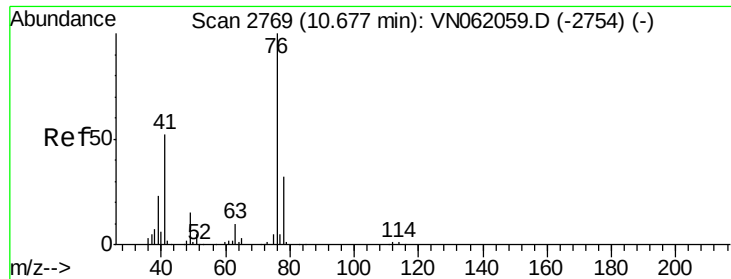
Ion Ratio Lower Upper

69 100

41 4466.4 46.6 70.0#

39 2073.2 31.0 46.4#

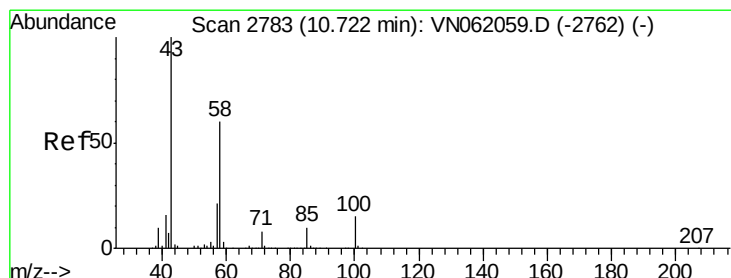
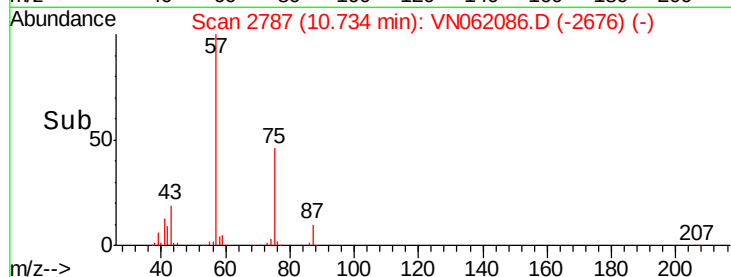
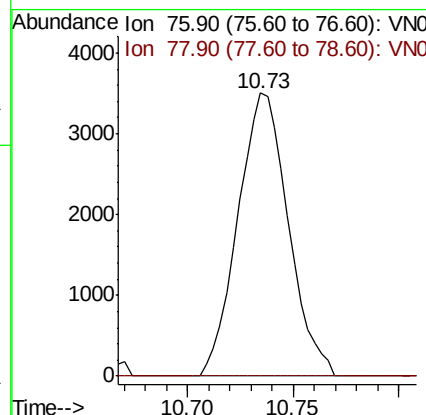
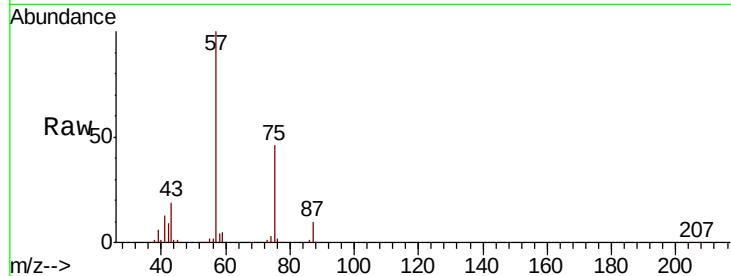




#57
 1,3-Dichloropropane
 Concen: 1.102 ug/l
 RT: 10.73 min Scan# 2787
 Delta R.T. 0.06 min
 Lab File: VN062086.D
 Acq: 25 Jun 2020 1:03

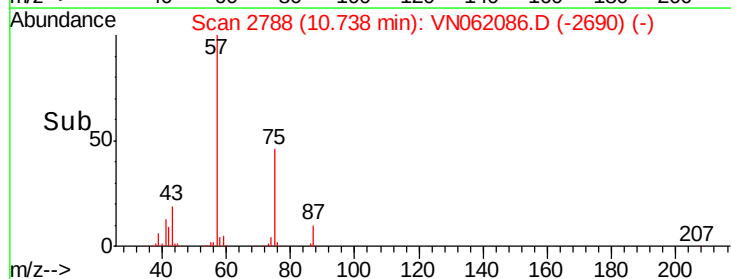
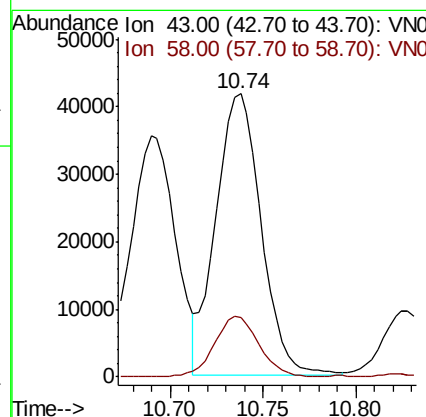
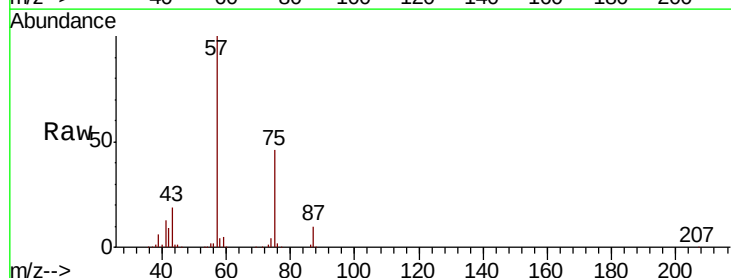
Instrument :
 MSVOA_N
 ClientSampled :
 PB129725TB

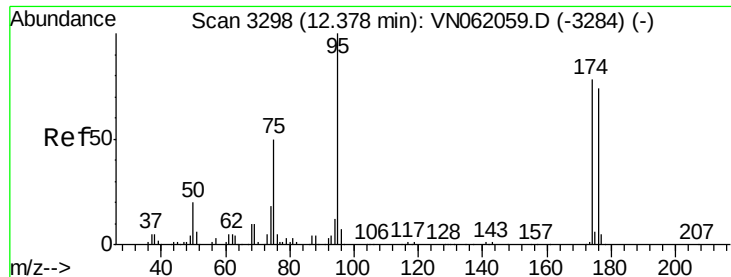
Tot Ion: 76 Resp: 5817
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.8#



#59
 2-Hexanone
 Concen: 29.507 ug/l
 RT: 10.74 min Scan# 2788
 Delta R.T. 0.02 min
 Lab File: VN062086.D
 Acq: 25 Jun 2020 1:03

Tgt Ion: 43 Resp: 70497
 Ion Ratio Lower Upper
 43 100
 58 21.2 29.5 88.5#

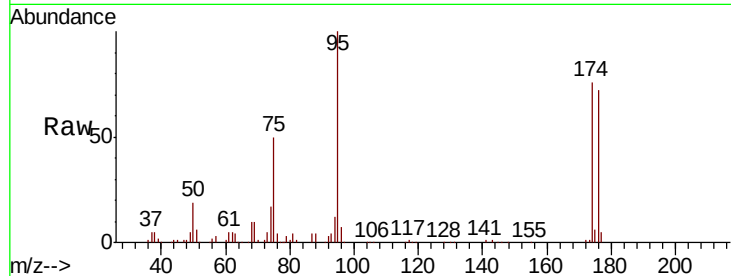




#62
4-Bromofluorobenzene
Concen: 50.513 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062086.D
Acq: 25 Jun 2020 1:03

Instrument :
MSVOA_N
ClientSampled :
PB129725TB

Tot Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	154.8
176	71.4	0.0	147.4

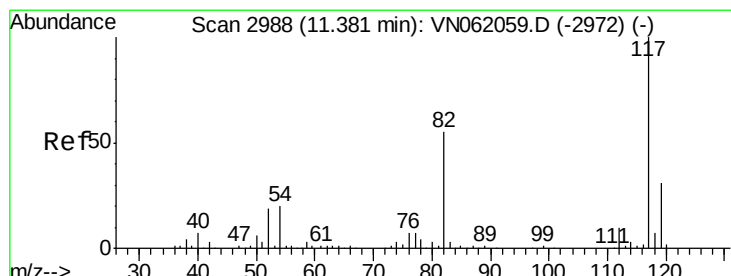
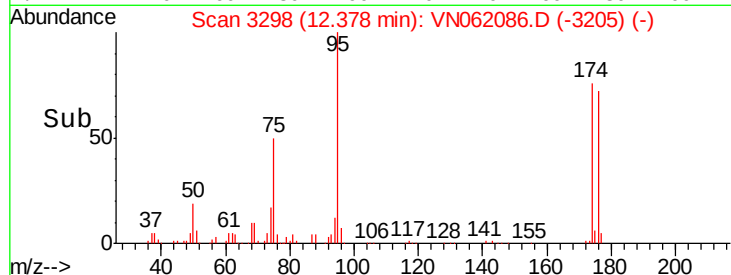
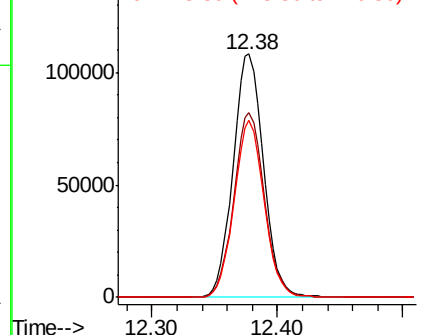


Abundance

Ion 94.90 (94.60 to 95.60): VN062059.D (-3284) (-)

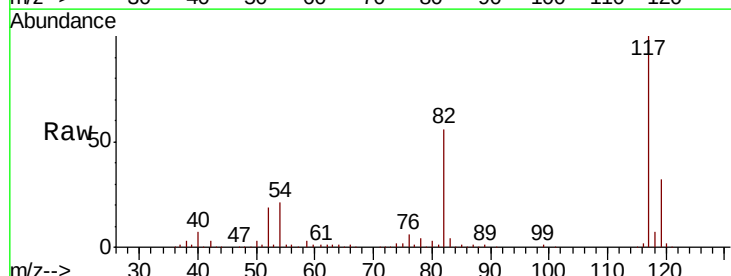
Ion 173.80 (173.50 to 174.50): VN062059.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN062059.D (-3284) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062086.D
Acq: 25 Jun 2020 1:03

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.1	43.8	65.8
119	32.0	25.2	37.8

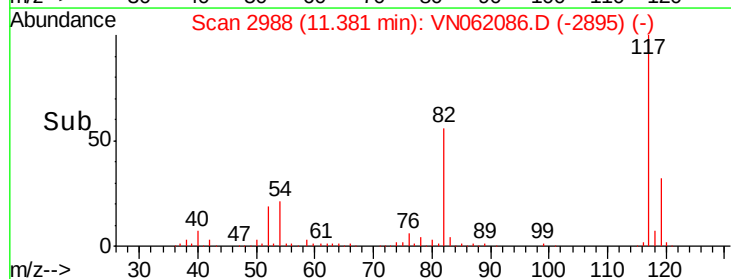
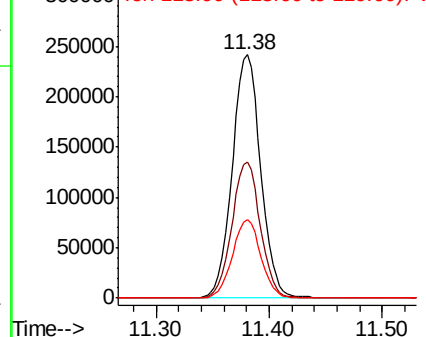


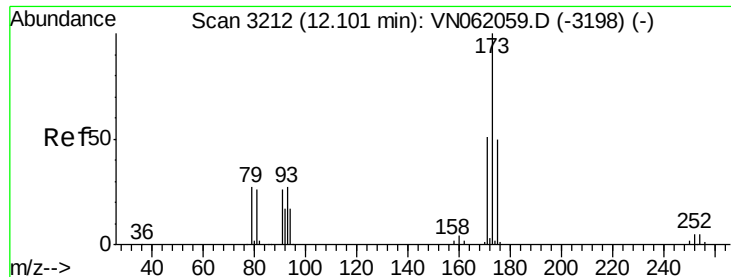
Abundance

Ion 116.90 (116.60 to 117.60): VN062059.D (-2972) (-)

Ion 82.00 (81.70 to 82.70): VN062059.D (-2972) (-)

Ion 118.90 (118.60 to 119.60): VN062059.D (-2972) (-)





#71

Bromoform

Concen: 0.665 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN062086.D

Acq: 25 Jun 2020 1:03

Instrument :

MSVOA_N

ClientSampled :

PB129725TB

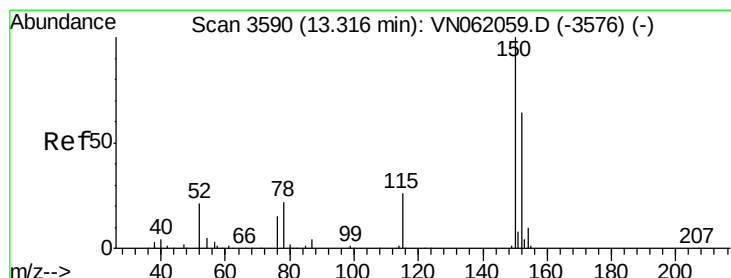
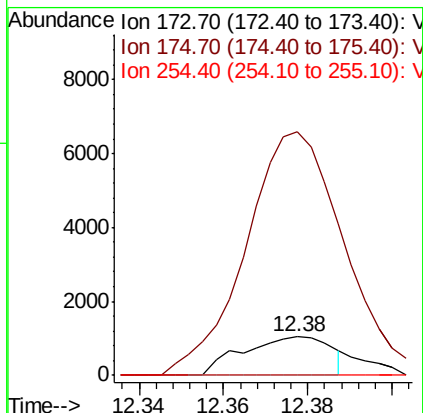
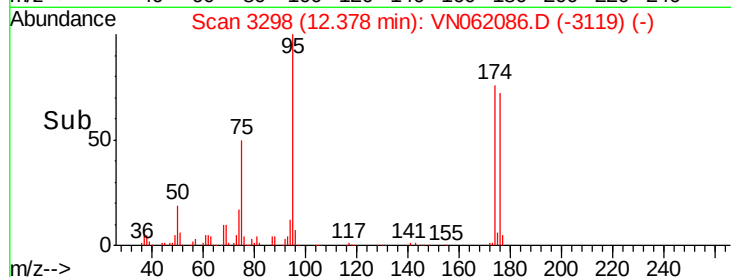
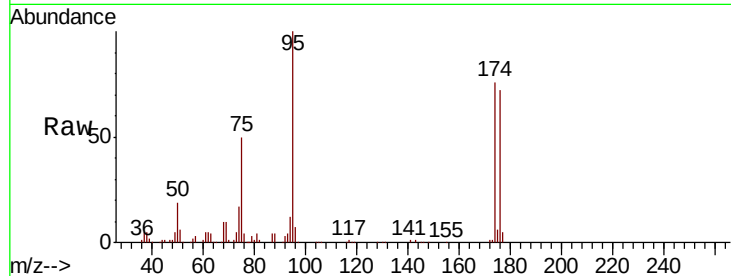
Tot Ion:173 Resp: 1518

Ion Ratio Lower Upper

173 100

175 601.4 24.7 74.1#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062086.D

Acq: 25 Jun 2020 1:03

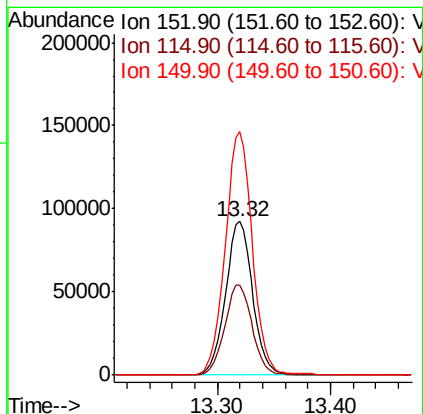
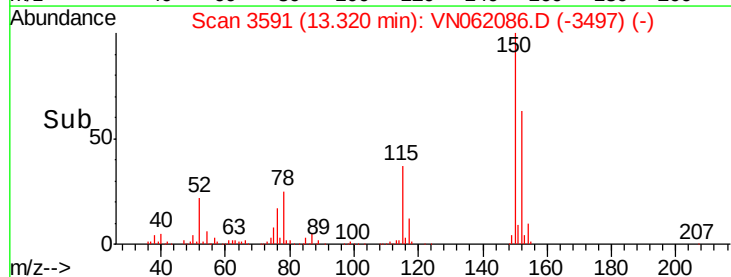
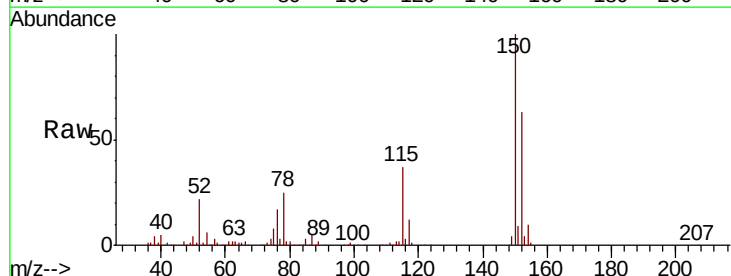
Tgt Ion:152 Resp: 153658

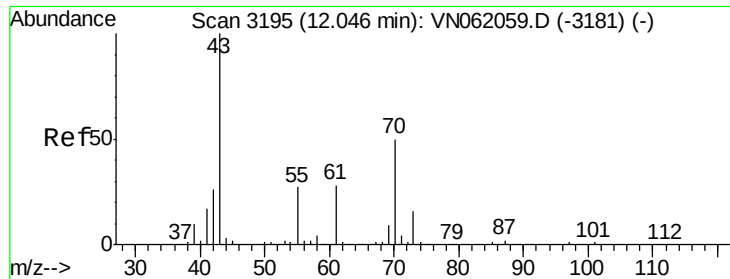
Ion Ratio Lower Upper

152 100

115 59.3 29.5 88.5

150 158.7 0.0 351.4





#74

N-amvl acetate

Concen: 3.846 ug/l

RT: 12.00 min Scan# 3182

Delta R.T. -0.04 min

Lab File: VN062086.D

Acq: 25 Jun 2020 1:03

Instrument :

MSVOA_N

ClientSampled :

PB129725TB

Tot Ion: 43 Resp: 2361

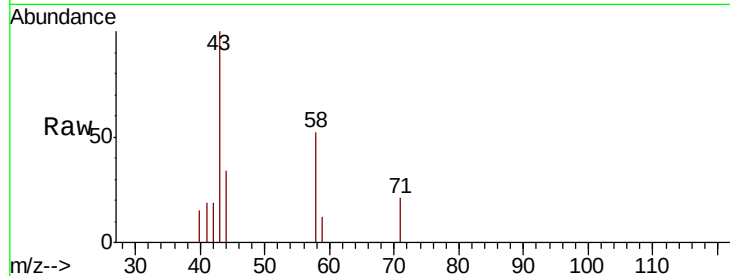
Ion Ratio Lower Upper

43 100

70 0.0 39.4 59.2#

55 0.0 21.7 32.5#

61 0.0 21.3 31.9#

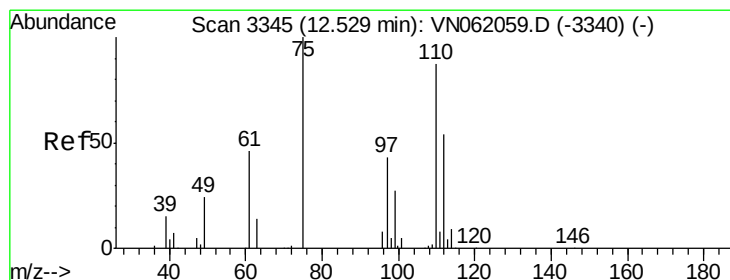
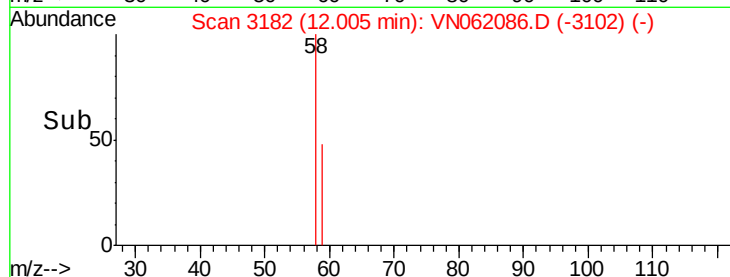
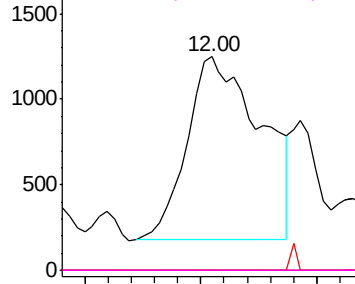


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 25.443 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.15 min

Lab File: VN062086.D

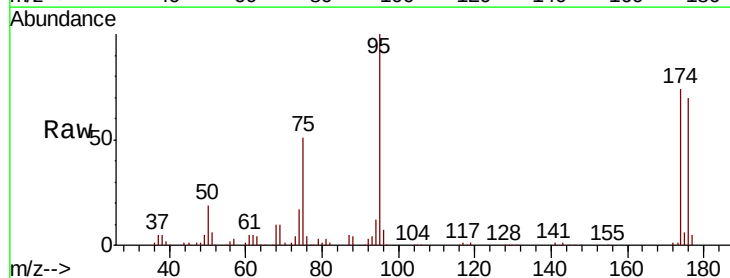
Acq: 25 Jun 2020 1:03

Tgt Ion: 75 Resp: 92035

Ion Ratio Lower Upper

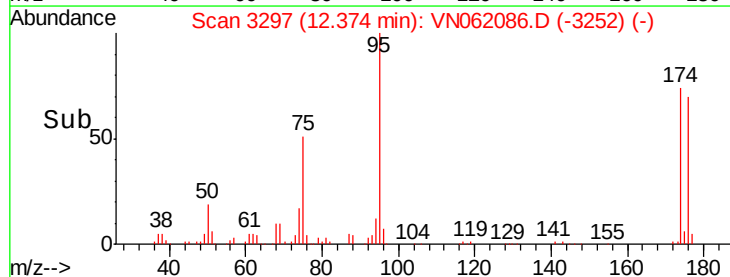
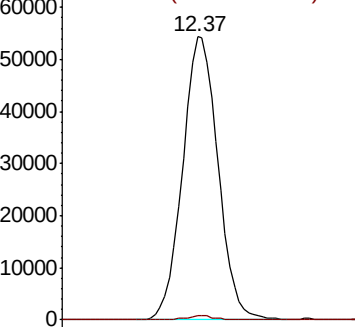
75 100

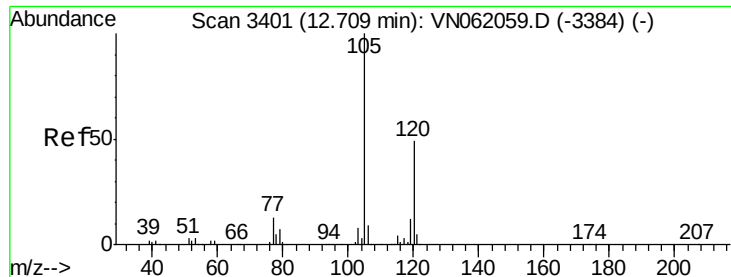
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

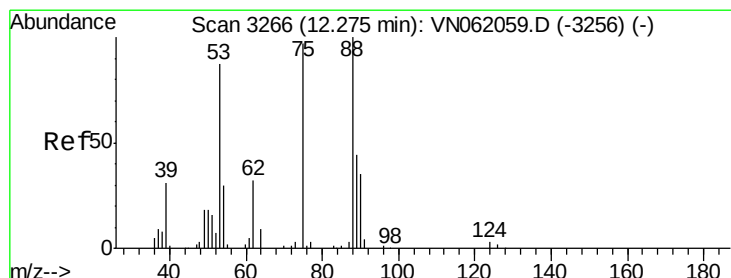
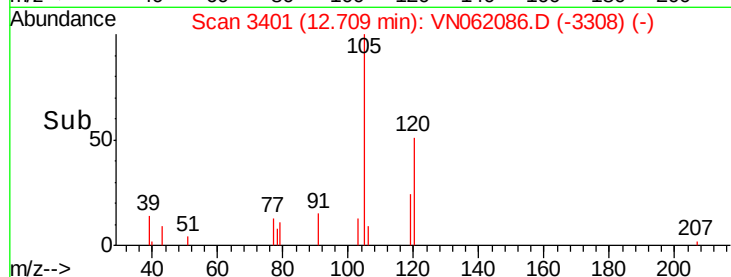
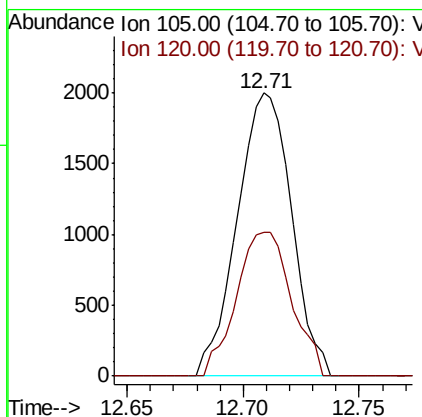
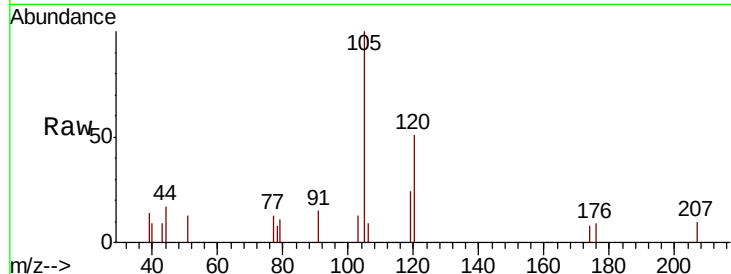




#80
 1,3,5-Trimethylbenzene
 Concen: 0.337 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062086.D
 Acq: 25 Jun 2020 1:03

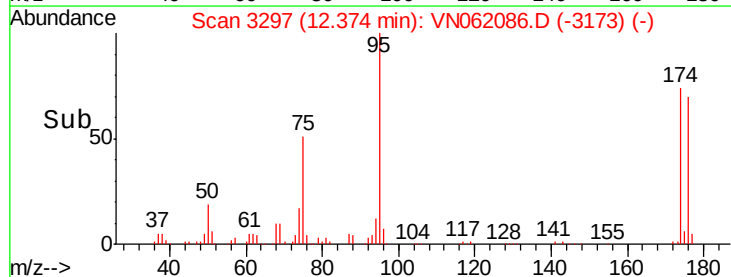
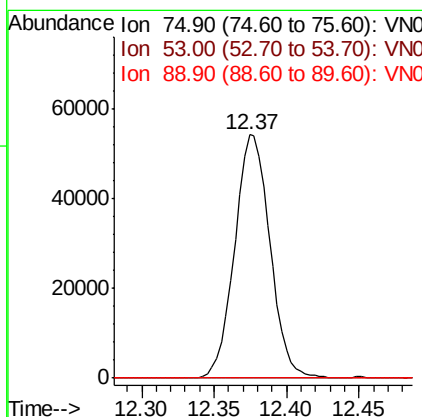
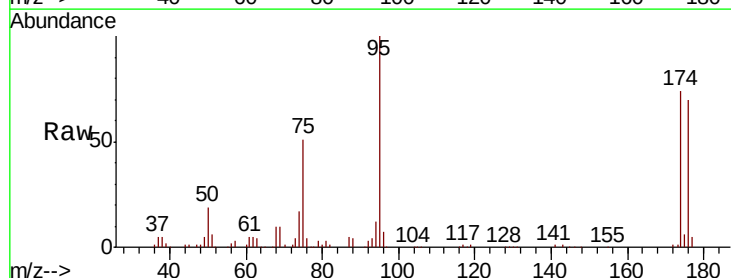
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129725TB

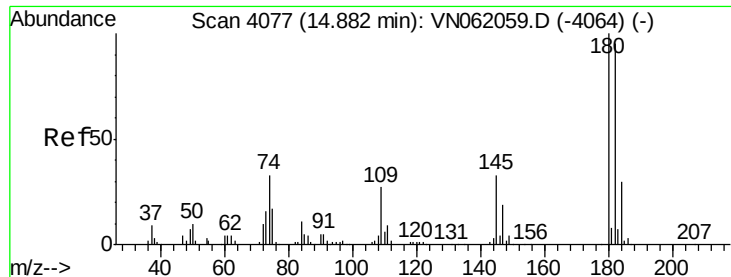
Tot Ion:105 Resp: 3253
 Ion Ratio Lower Upper
 105 100
 120 51.6 24.6 74.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.304 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. 0.10 min
 Lab File: VN062086.D
 Acq: 25 Jun 2020 1:03

Tgt Ion: 75 Resp: 92035
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.0 108.0#
 89 0.0 36.9 55.3#

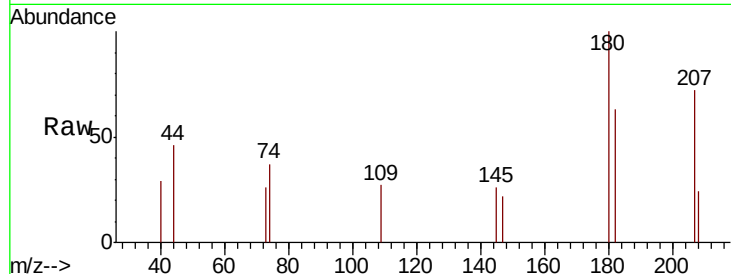




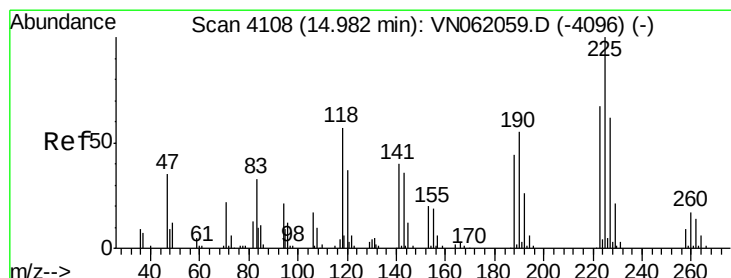
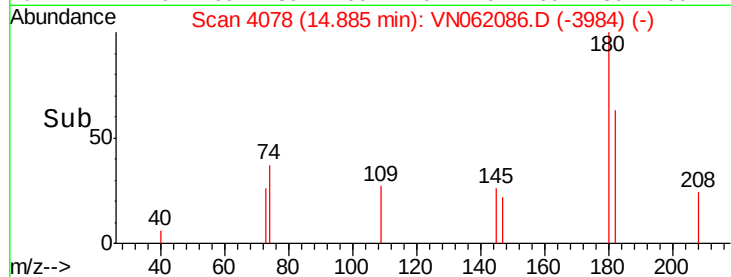
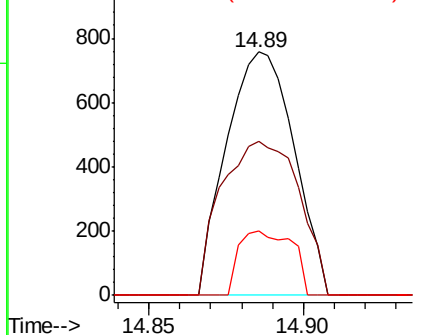
#93
 1,2,4-Trichlorobenzene
 Concen: 0.525 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062086.D
 Acq: 25 Jun 2020 1:03

Instrument :
 MSVOA_N
 ClientSampled :
 PB129725TB

Tot Ion:180 Resp: 1153
 Ion Ratio Lower Upper
 180 100
 182 72.8 48.0 144.2
 145 20.6 16.0 48.0

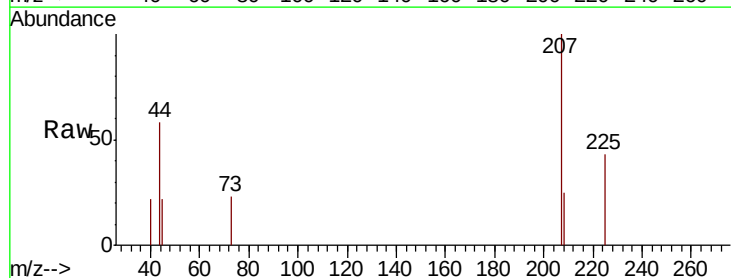


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

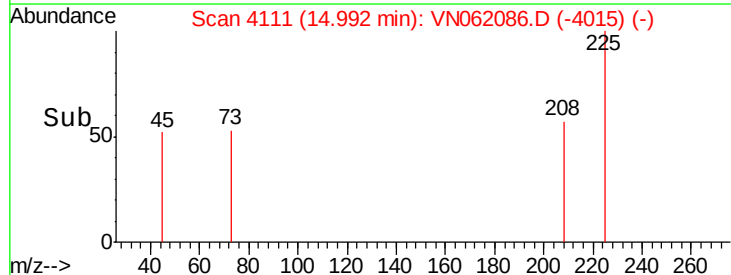
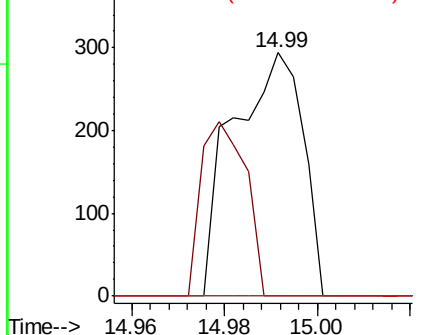


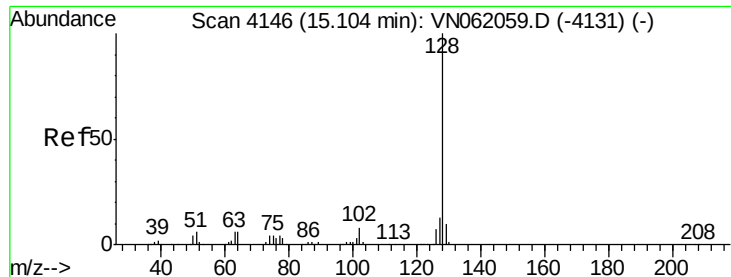
#94
 Hexachlorobutadiene
 Concen: 0.324 ug/l
 RT: 14.99 min Scan# 4111
 Delta R.T. 0.01 min
 Lab File: VN062086.D
 Acq: 25 Jun 2020 1:03

Tgt Ion:225 Resp: 309
 Ion Ratio Lower Upper
 225 100
 223 45.3 32.9 98.7
 227 0.0 31.3 93.8#



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

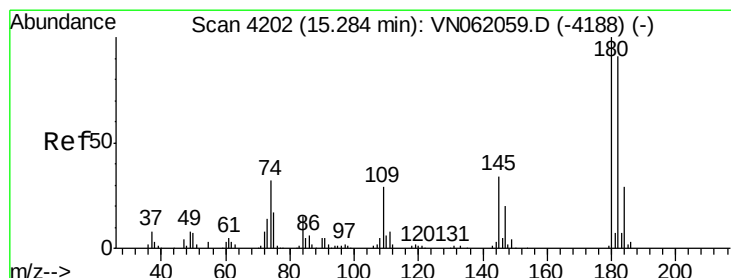
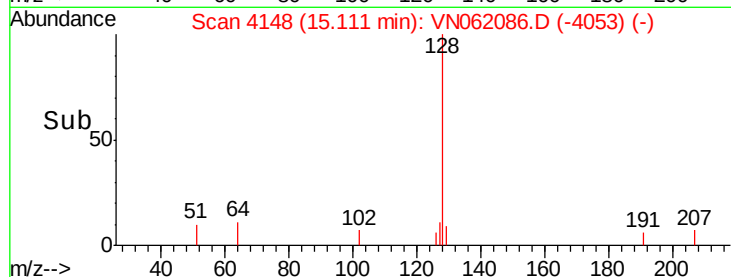
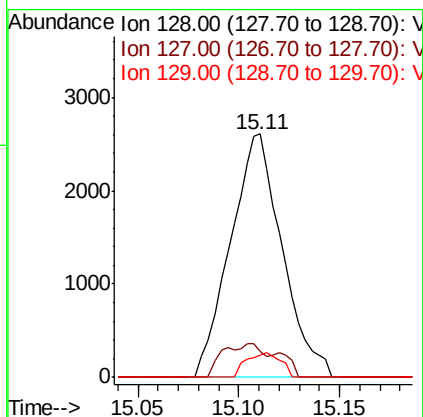
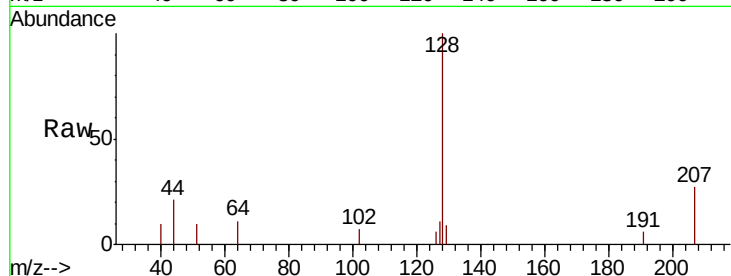




#95
Naphthalene
Concen: 4.581 ug/l
RT: 15.11 min Scan# 4148
Delta R.T. 0.01 min
Lab File: VN062086.D
Acq: 25 Jun 2020 1:03

Instrument :
MSVOA_N
ClientSampled :
PB129725TB

Tot Ion:128 Resp: 4665
Ion Ratio Lower Upper
128 100
127 10.9 10.5 15.7
129 6.8 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.500 ug/l
RT: 15.29 min Scan# 4204
Delta R.T. 0.01 min
Lab File: VN062086.D
Acq: 25 Jun 2020 1:03

Tgt Ion:180 Resp: 1122
Ion Ratio Lower Upper
180 100
182 87.4 46.8 140.4
145 21.3 16.4 49.2

