

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062168.D
 Acq On : 27 Jun 2020 3:28
 Operator : JC/MD
 Sample : PB129766TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129766TB

Quant Time: Jun 27 06:53:47 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	218913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	422253	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	415356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	151578	50.00	ug/l	0.00

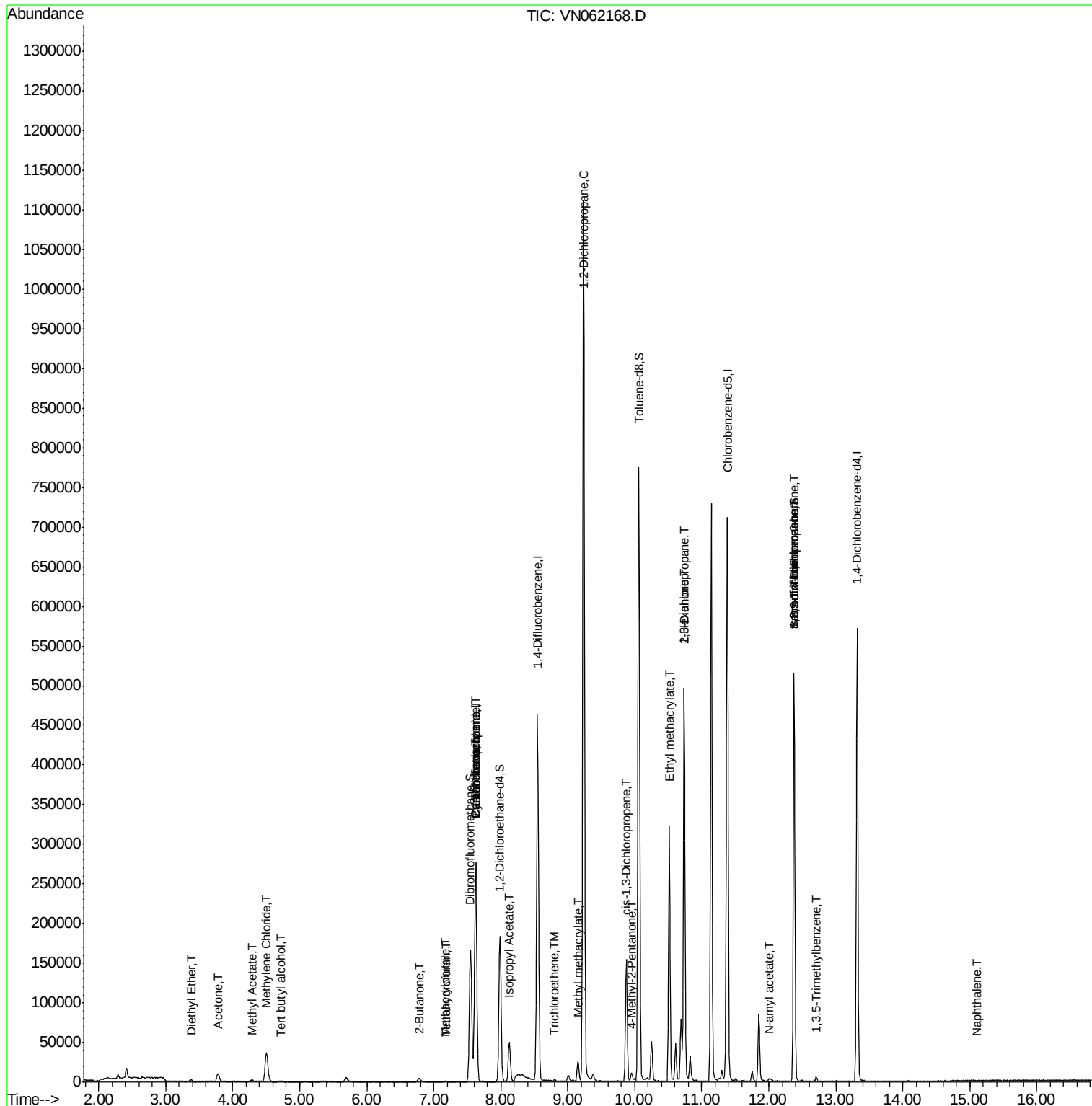
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	154613	50.33	ug/l	0.00
Spiked Amount			Recovery	=	100.66%	
35) Dibromofluoromethane	7.55	113	132201	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
50) Toluene-d8	10.06	98	539560	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	
62) 4-Bromofluorobenzene	12.38	95	180421	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	364	Below Cal	#	41
8) Diethyl Ether	3.38	74	937	0.559	ug/l	72
11) Tert butyl alcohol	4.73	59	161	0.365	ug/l #	72
16) Acetone	3.77	43	17484	14.312	ug/l	96
18) Methyl Acetate	4.28	43	3779	1.547	ug/l #	87
20) Methylene Chloride	4.50	84	28678	9.996	ug/l	93
25) 2-Butanone	6.79	43	2997	1.996	ug/l #	82
29) Tetrahydrofuran	7.18	42	1080	1.098	ug/l #	34
31) Cyclohexane	7.63	56	4888	1.152	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	18032	4.249	ug/l #	49
38) Carbon Tetrachloride	7.63	117	21537	5.382	ug/l #	15
41) Methacrylonitrile	7.16	41	413	0.253	ug/l #	20
43) Isopropyl Acetate	8.13	43	57435	10.025	ug/l	98
44) Trichloroethene	8.80	130	779	0.239	ug/l	89
45) 1,2-Dichloropropane	9.24	63	1353	0.424	ug/l #	43
48) Methyl methacrylate	9.15	41	3368	1.311	ug/l #	6
51) 4-Methyl-2-Pentanone	9.95	43	5718	1.708	ug/l	90
54) cis-1,3-Dichloropropene	9.87	75	29693	5.802	ug/l #	67
56) Ethyl methacrylate	10.52	69	1159	0.280	ug/l #	1
57) 1,3-Dichloropropane	10.74	76	5642	1.056	ug/l #	42
59) 2-Hexanone	10.74	43	67187	27.797	ug/l #	49
71) Bromoform	12.38	173	1000	0.446	ug/l #	1
74) N-ethyl acetate	12.00	43	2110	3.799	ug/l #	40
76) 1,2,3-Trichloropropane	12.38	75	89649	25.124	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	3248	0.341	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	89649	73.371	ug/l #	13
95) Naphthalene	15.11	128	30	3.999	ug/l #	69

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

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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062168.D

Acq: 27 Jun 2020 3:28

Instrument :

MSVOA_N

ClientSampleId :

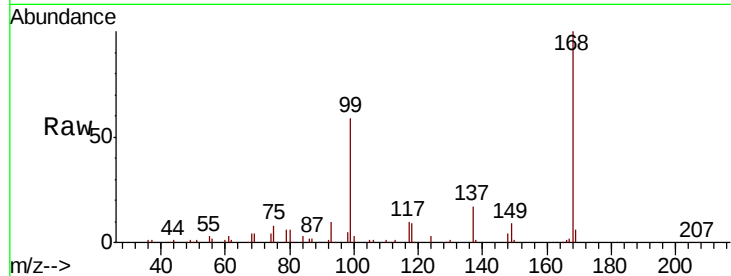
PB129766TB

Tot Ion:168 Resp: 218913

Ion Ratio Lower Upper

168 100

99 59.4 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

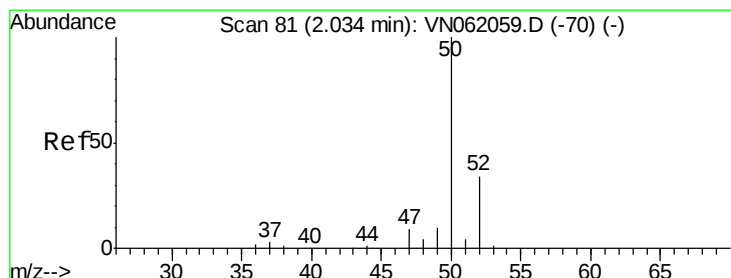
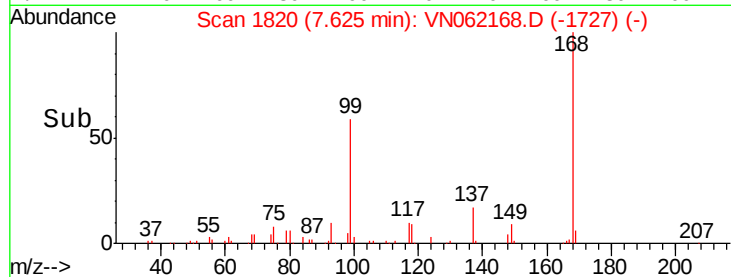
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN062168.D

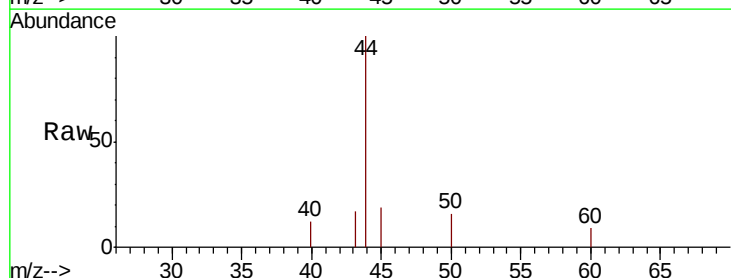
Acq: 27 Jun 2020 3:28

Tgt Ion: 50 Resp: 364

Ion Ratio Lower Upper

50 100

52 0.0 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

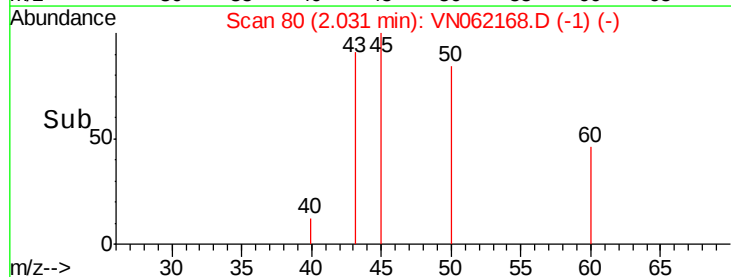
300

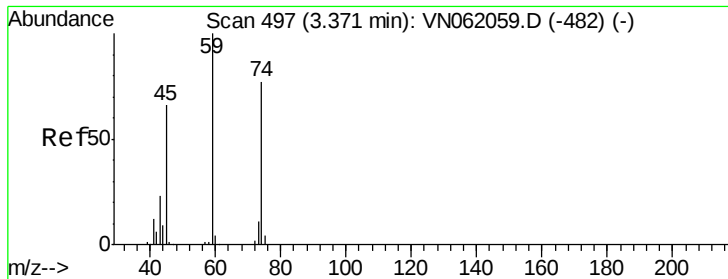
200

100

0

Time--> 2.02 2.04 2.06





#8

Diethyl Ether

Concen: 0.559 ug/l

RT: 3.38 min Scan# 500

Delta R.T. 0.01 min

Lab File: VN062168.D

Acq: 27 Jun 2020 3:28

Instrument :

MSVOA_N

ClientSampleId :

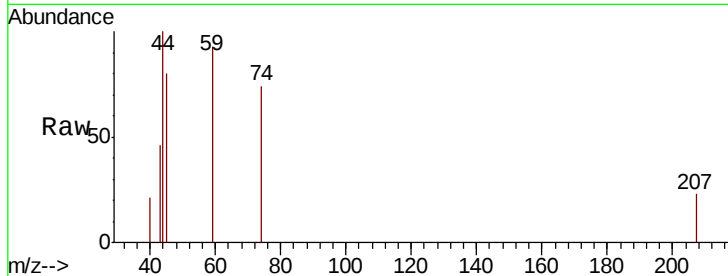
PB129766TB

Tot Ion: 74 Resp: 937

Ion Ratio Lower Upper

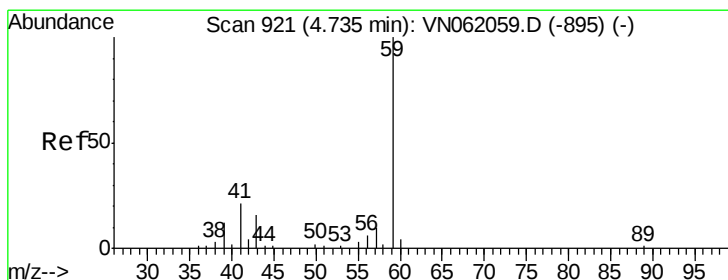
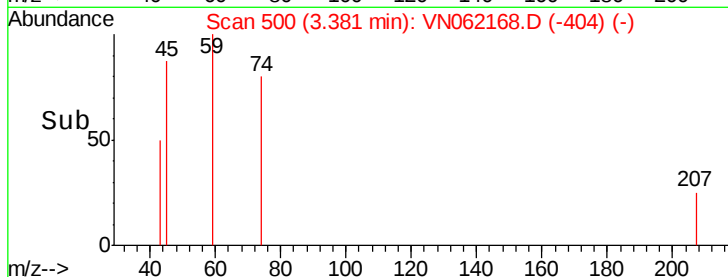
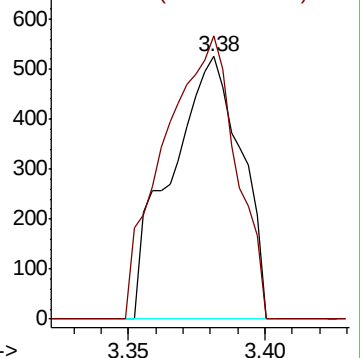
74 100

45 110.6 42.5 127.5



Abundance Ion 74.00 (73.70 to 74.70): VN062168.D

Ion 45.00 (44.70 to 45.70): VN062168.D



#11

Tert butyl alcohol

Concen: 0.365 ug/l

RT: 4.73 min Scan# 918

Delta R.T. -0.01 min

Lab File: VN062168.D

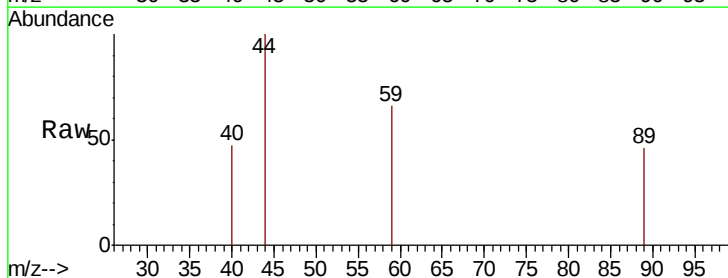
Acq: 27 Jun 2020 3:28

Tgt Ion: 59 Resp: 161

Ion Ratio Lower Upper

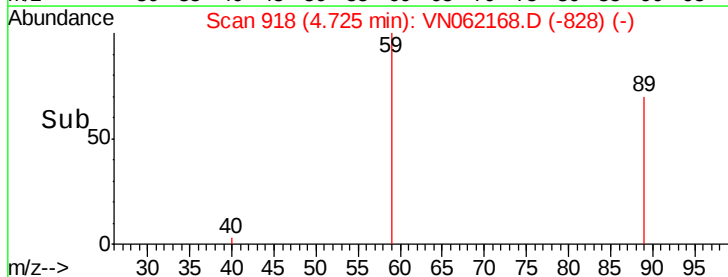
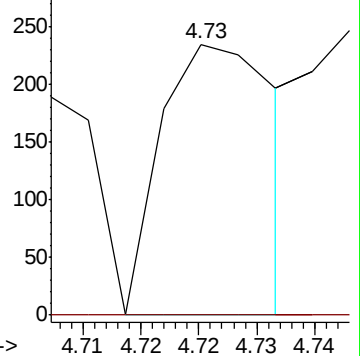
59 100

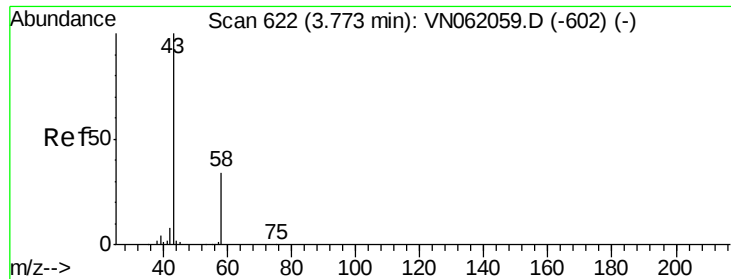
57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN062168.D

Ion 57.00 (56.70 to 57.70): VN062168.D





#16

Acetone

Concen: 14.312 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN062168.D

Acq: 27 Jun 2020 3:28

Instrument :

MSVOA_N

ClientSampled :

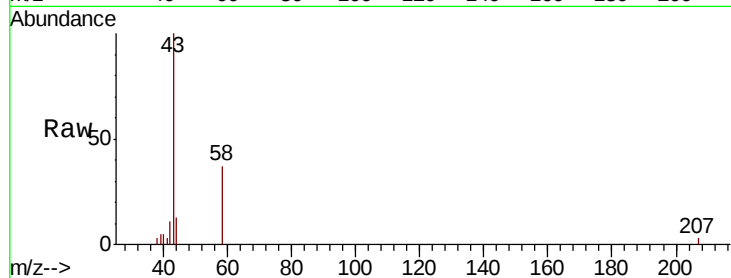
PB129766TB

Tot Ion: 43 Resp: 17484

Ion Ratio Lower Upper

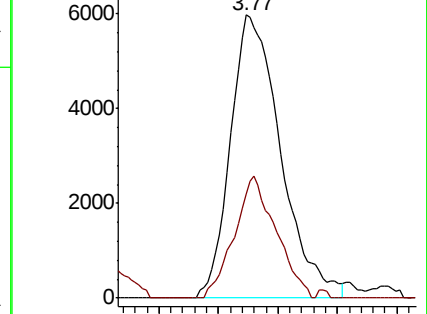
43 100

58 36.7 27.5 41.3

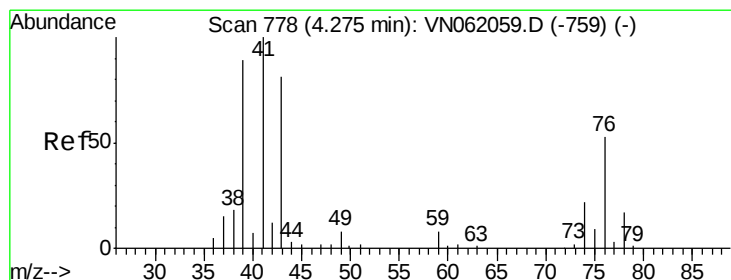
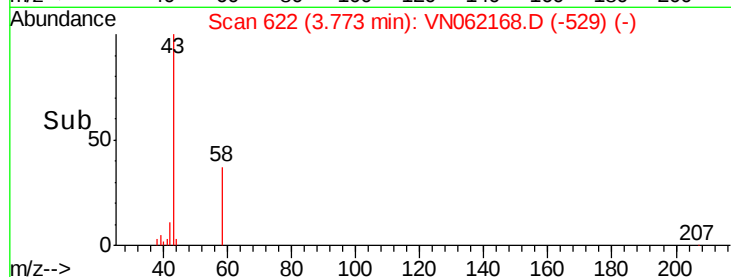


Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-602) (-)

Ion 58.00 (57.70 to 58.70): VN062059.D (-602) (-)



Time-->



#18

Methyl Acetate

Concen: 1.547 ug/l

RT: 4.28 min Scan# 781

Delta R.T. 0.01 min

Lab File: VN062168.D

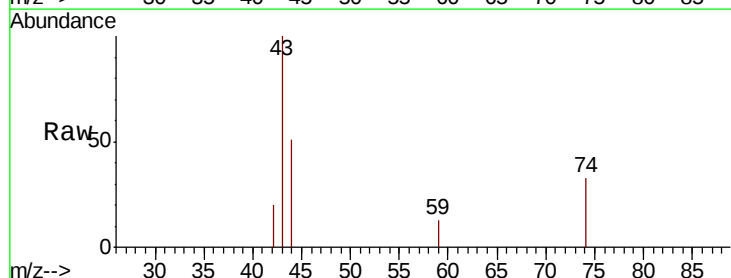
Acq: 27 Jun 2020 3:28

Tgt Ion: 43 Resp: 3779

Ion Ratio Lower Upper

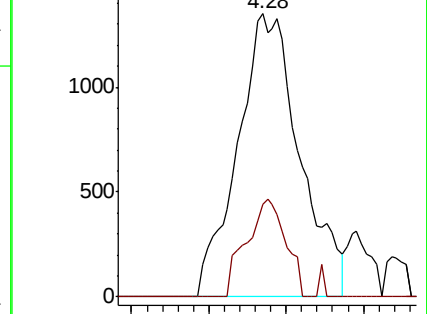
43 100

74 21.7 22.9 34.3#

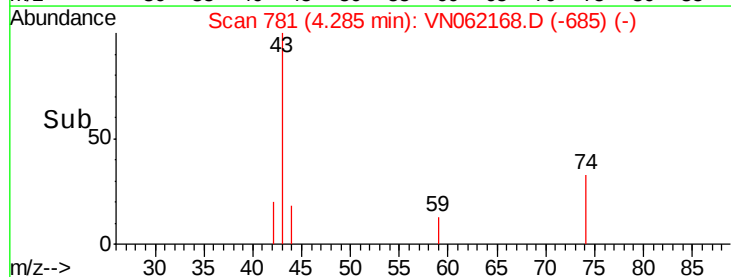


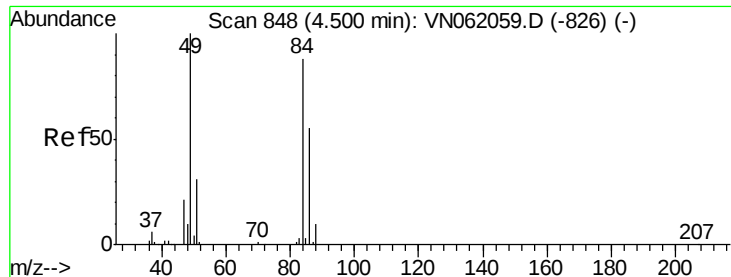
Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-759) (-)

Ion 74.00 (73.70 to 74.70): VN062059.D (-759) (-)



Time-->

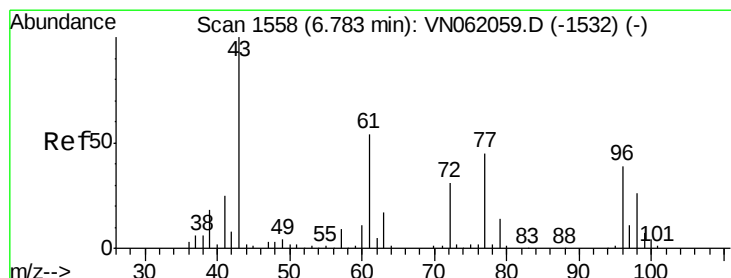
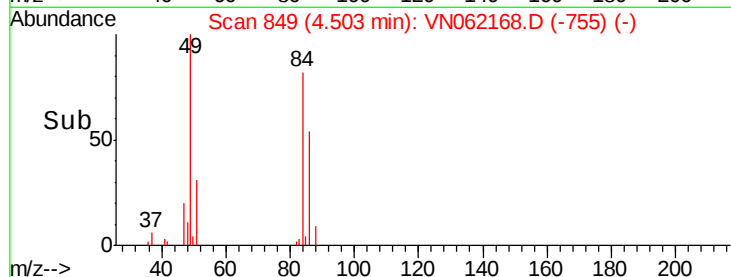
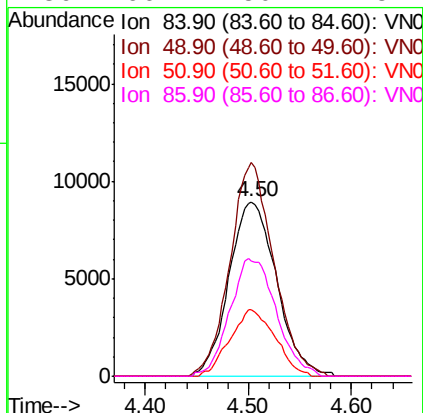
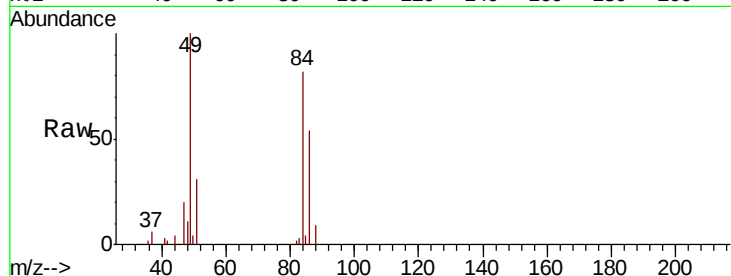




#20
Methvlene Chloride
Concen: 9.996 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062168.D
Acq: 27 Jun 2020 3:28

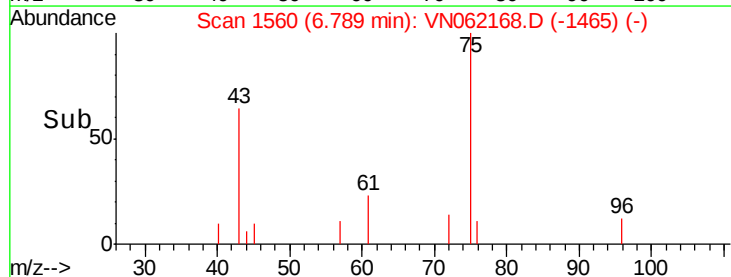
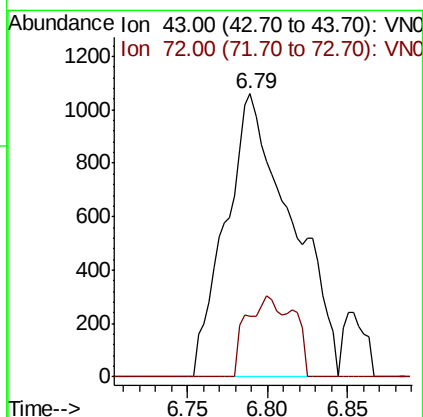
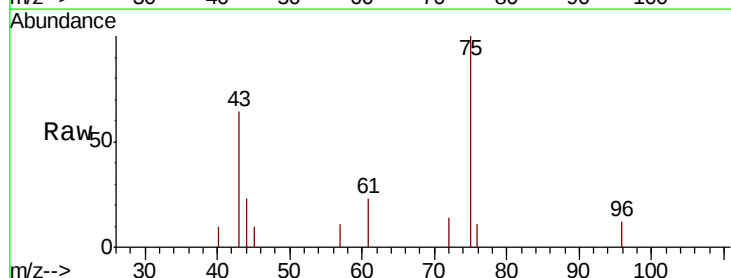
Instrument :
MSVOA_N
ClientSampled :
PB129766TB

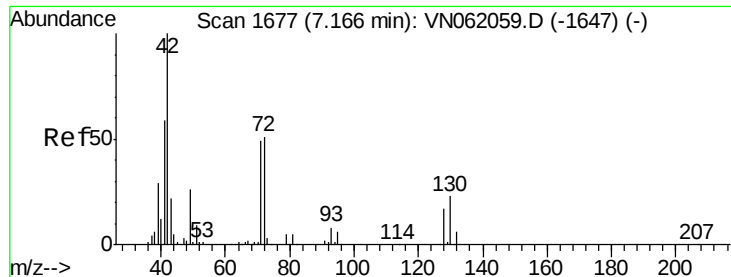
Tot Ion:	84	Resp:	28678
Ion	Ratio	Lower	Upper
84	100		
49	122.6	90.6	136.0
51	38.4	27.8	41.8
86	66.4	50.1	75.1



#25
2-Butanone
Concen: 1.996 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VN062168.D
Acq: 27 Jun 2020 3:28

Tgt Ion:	43	Resp:	2997
Ion	Ratio	Lower	Upper
43	100		
72	21.2	24.8	37.2#





#29

Tetrahydrofuran

Concen: 1.098 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. 0.02 min

Lab File: VN062168.D

Acq: 27 Jun 2020 3:28

Instrument :

MSVOA_N

ClientSampleId :

PB129766TB

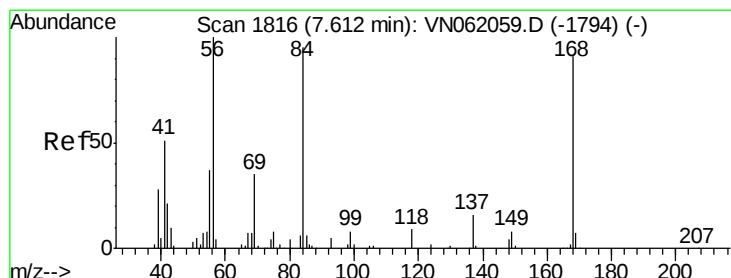
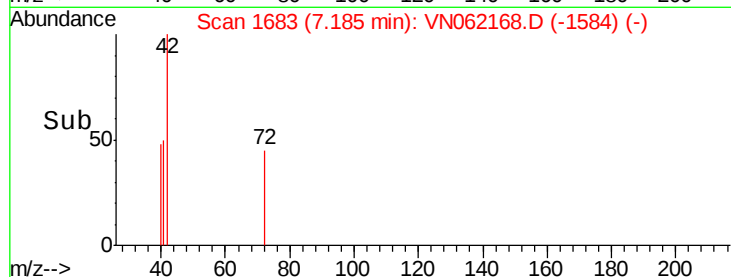
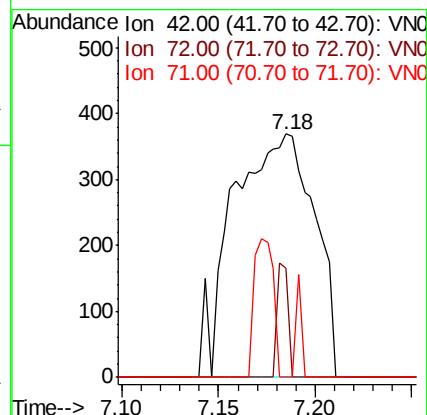
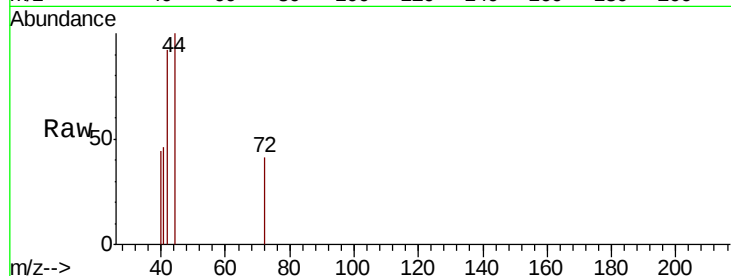
Tot Ion: 42 Resp: 1080

Ion Ratio Lower Upper

42 100

72 6.0 41.1 61.7#

71 2.8 38.2 57.4#



#31

Cyclohexane

Concen: 1.152 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VN062168.D

Acq: 27 Jun 2020 3:28

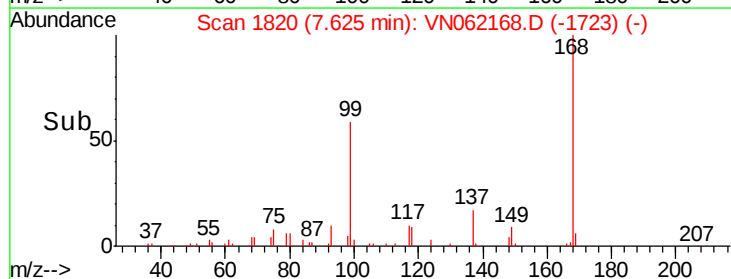
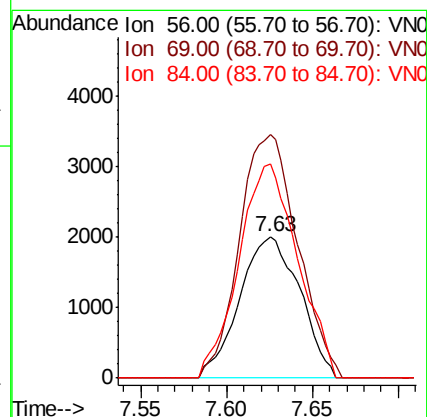
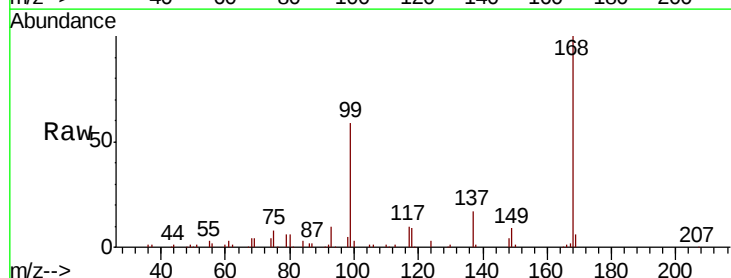
Tgt Ion: 56 Resp: 4888

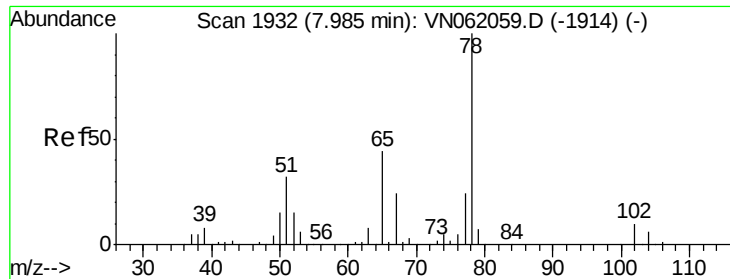
Ion Ratio Lower Upper

56 100

69 172.2 28.0 42.0#

84 151.4 76.1 114.1#

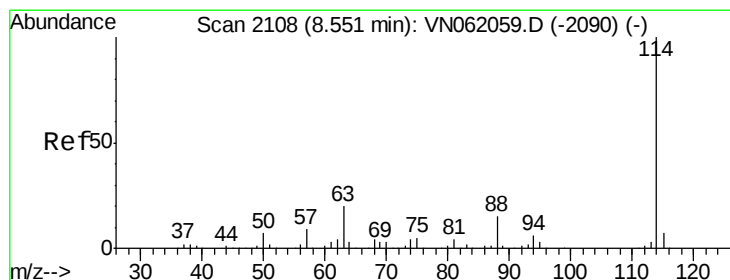
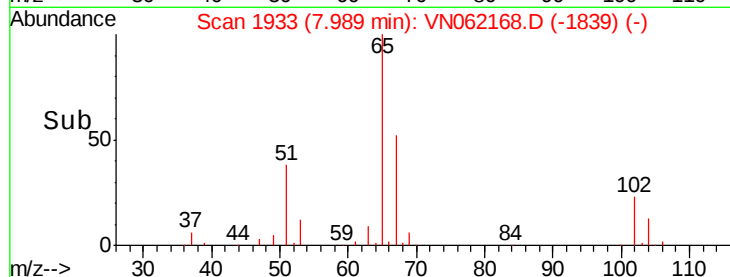
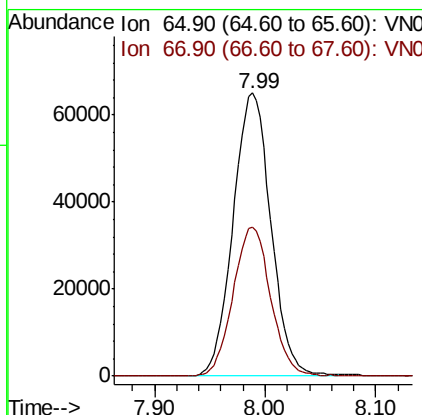
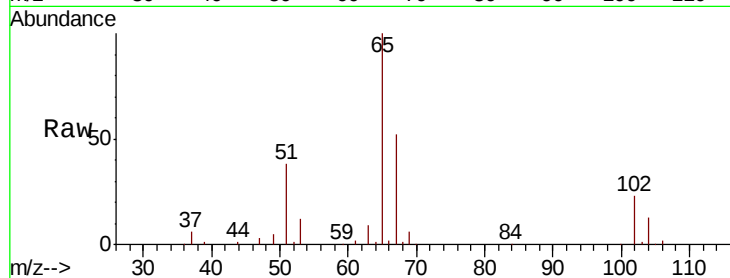




#33
 1,2-Dichloroethane-d4
 Concen: 50.328 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062168.D
 Acq: 27 Jun 2020 3:28

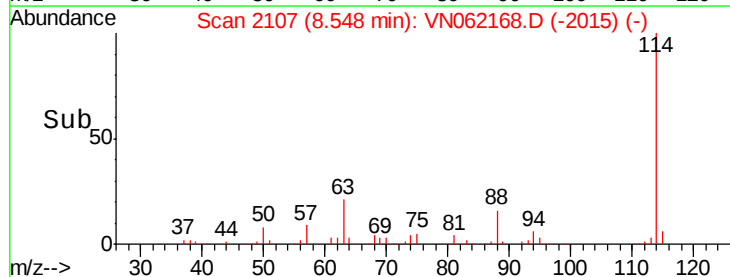
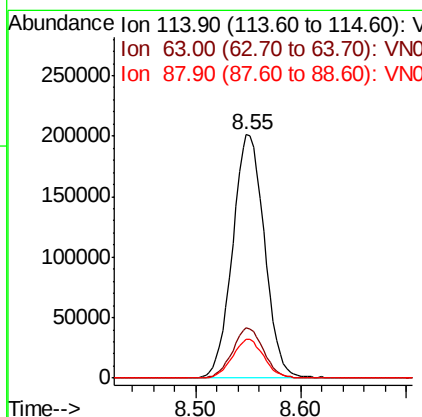
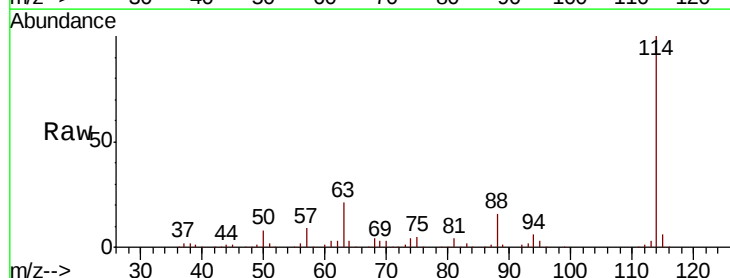
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129766TB

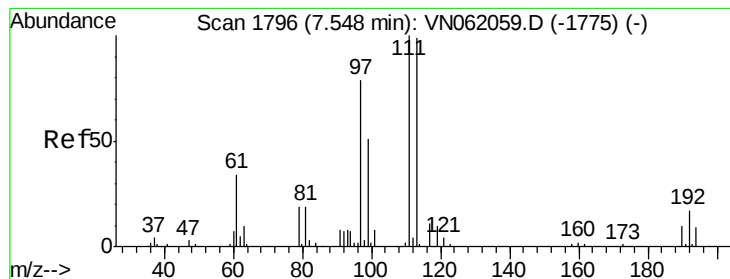
Tot Ion: 65 Resp: 154613
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062168.D
 Acq: 27 Jun 2020 3:28

Tgt Ion: 114 Resp: 422253
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.2
 88 15.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 48.801 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN062168.D

Acq: 27 Jun 2020 3:28

Instrument :

MSVOA_N

ClientSampleId :

PB129766TB

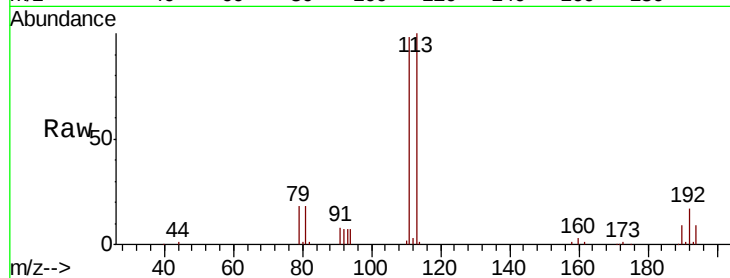
Tot Ion:113 Resp: 132201

Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

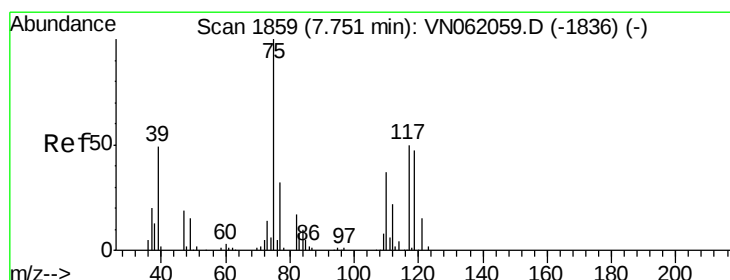
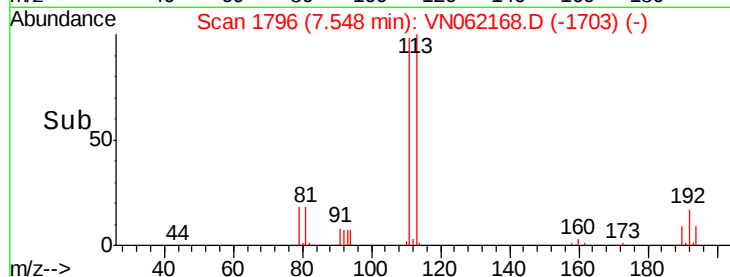
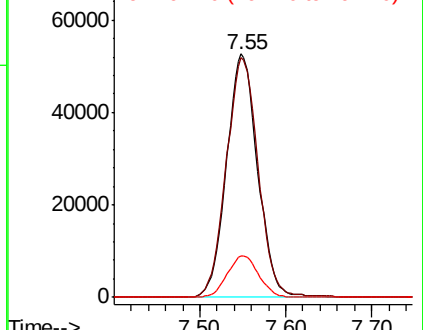
192 17.1 14.0 21.0



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: 4.249 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.13 min

Lab File: VN062168.D

Acq: 27 Jun 2020 3:28

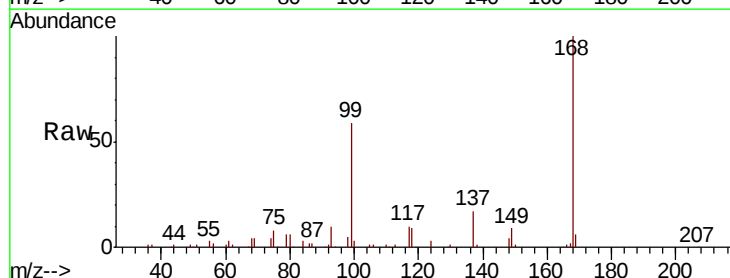
Tgt Ion: 75 Resp: 18032

Ion Ratio Lower Upper

75 100

110 8.4 17.9 53.8#

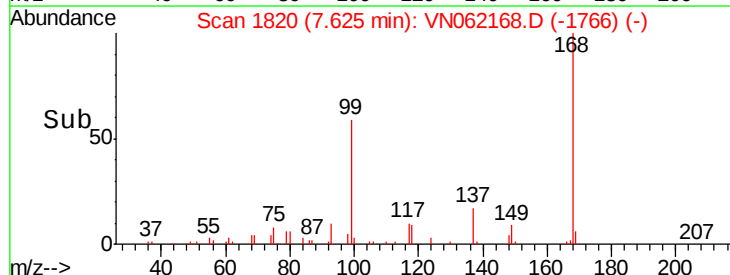
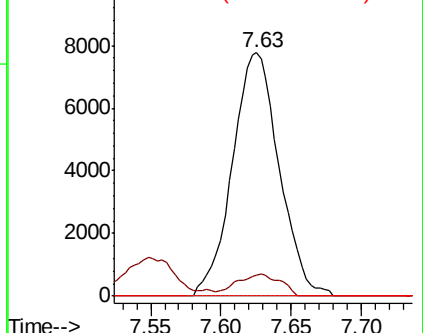
77 0.0 24.9 37.3#

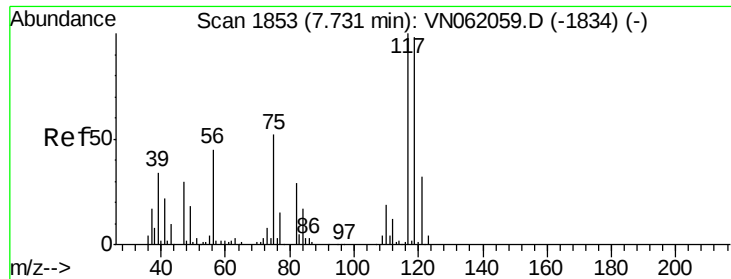


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0





#38

Carbon Tetrachloride

Concen: 5.382 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN062168.D

Acq: 27 Jun 2020 3:28

Instrument :

MSVOA_N

ClientSampleId :

PB129766TB

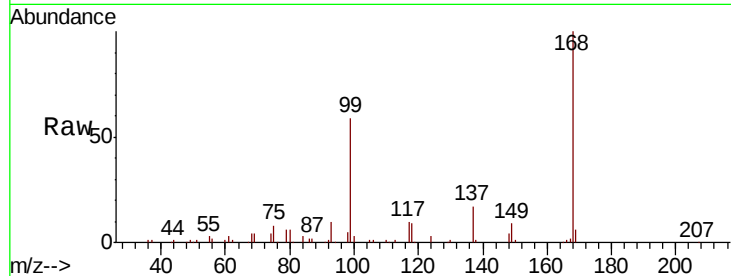
Tot Ion:117 Resp: 21537

Ion Ratio Lower Upper

117 100

119 5.0 78.2 117.2#

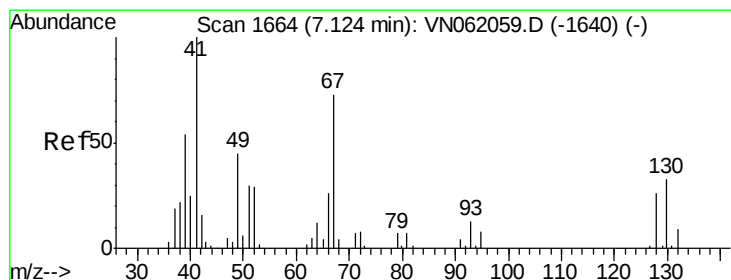
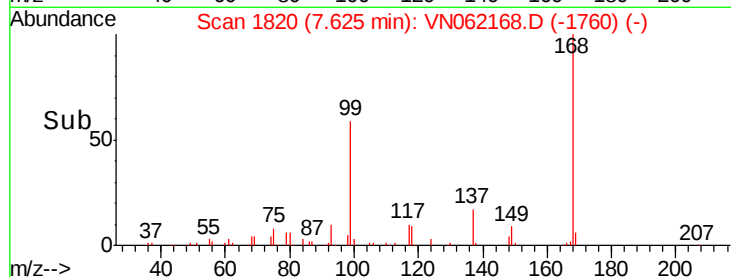
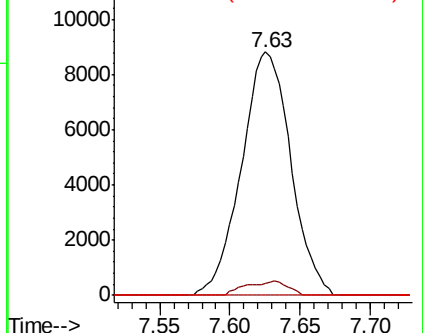
121 0.0 25.8 38.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 0.253 ug/l

RT: 7.16 min Scan# 1676

Delta R.T. 0.04 min

Lab File: VN062168.D

Acq: 27 Jun 2020 3:28

Tgt Ion: 41 Resp: 413

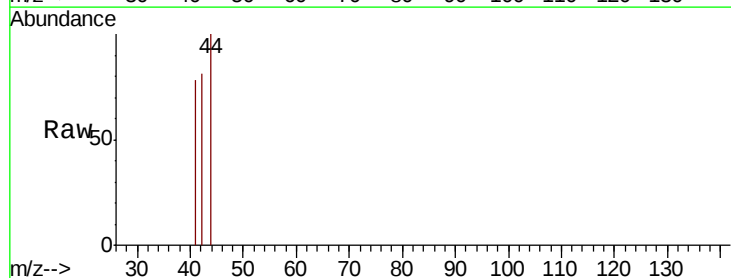
Ion Ratio Lower Upper

41 100

39 15.3 44.2 66.2#

67 0.0 79.5 119.3#

52 0.0 32.3 48.5#

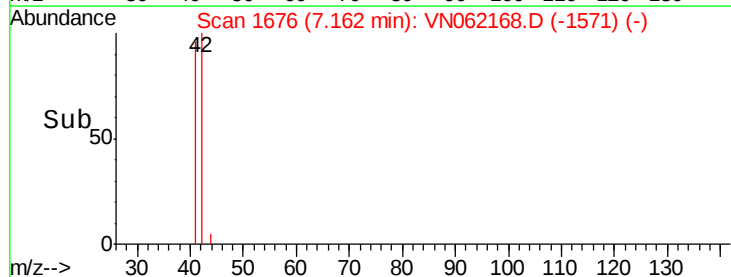
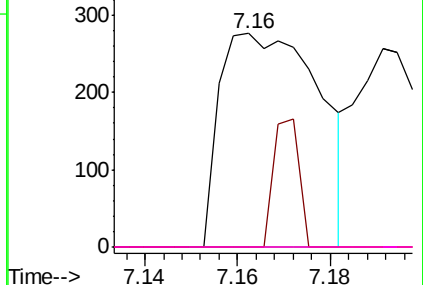


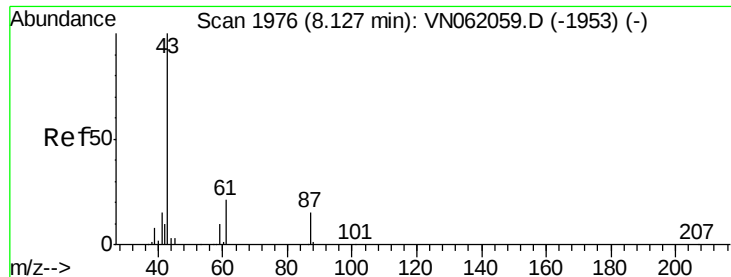
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 10.025 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062168.D

Acq: 27 Jun 2020 3:28

Instrument :

MSVOA_N

ClientSampled :

PB129766TB

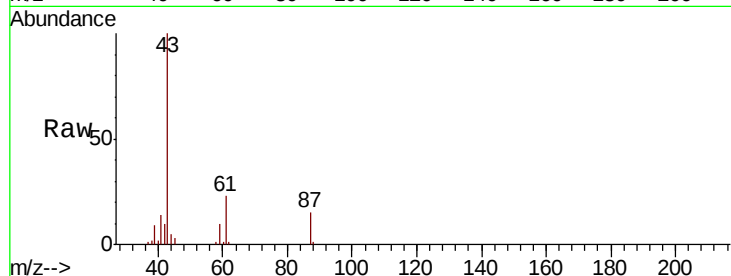
Tot Ion: 43 Resp: 57435

Ion Ratio Lower Upper

43 100

61 22.5 17.2 25.8

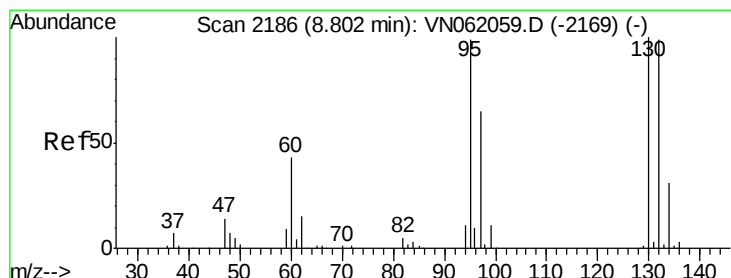
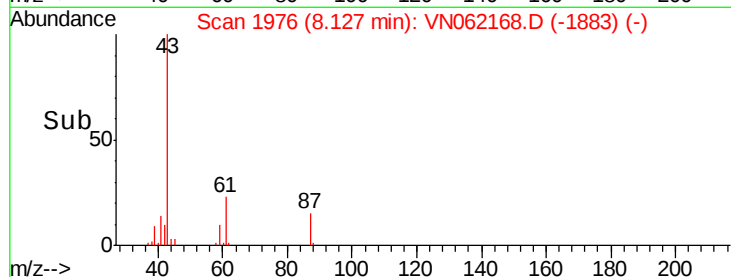
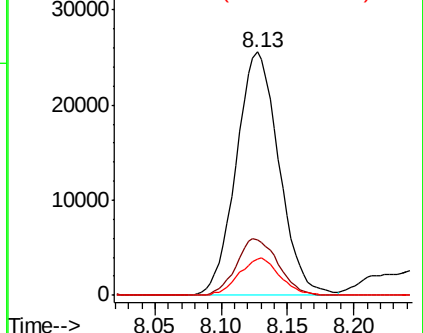
87 14.4 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062168.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062168.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062168.D (-1953) (-)



#44

Trichloroethene

Concen: 0.239 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062168.D

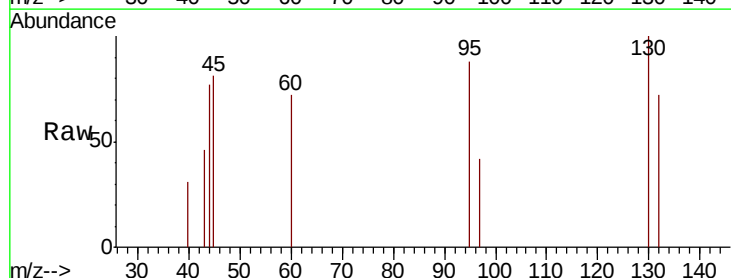
Acq: 27 Jun 2020 3:28

Tgt Ion:130 Resp: 779

Ion Ratio Lower Upper

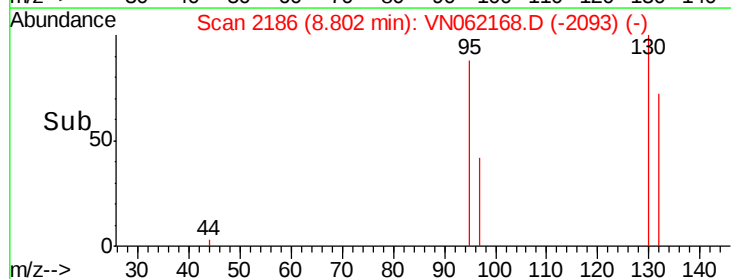
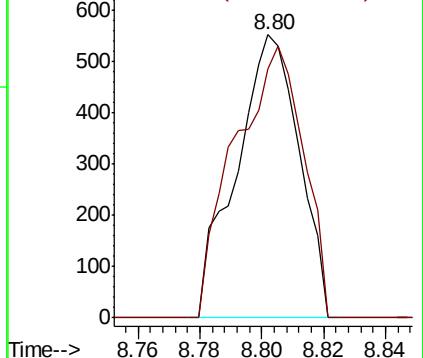
130 100

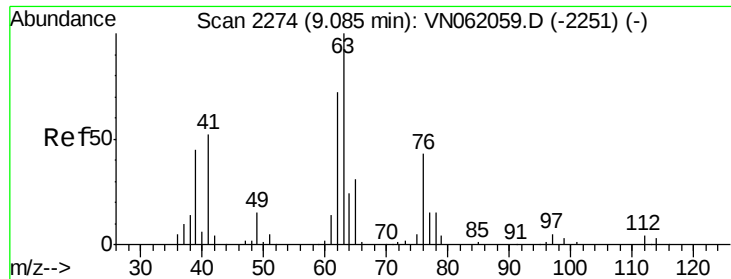
95 87.9 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062168.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062168.D (-2093) (-)

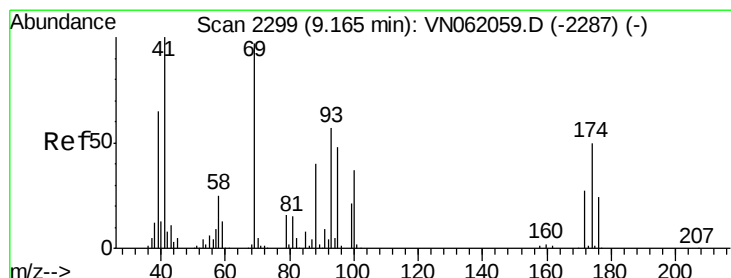
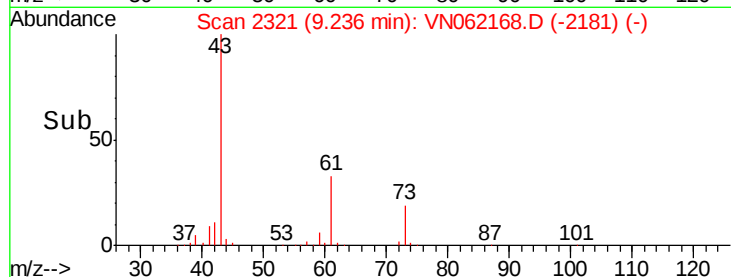
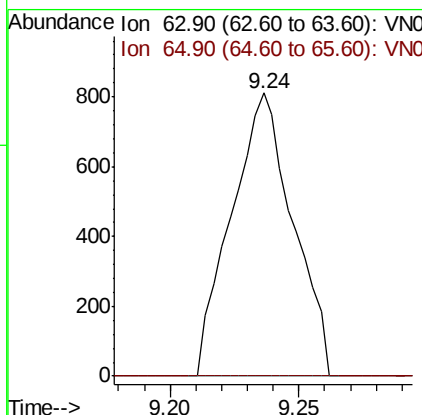
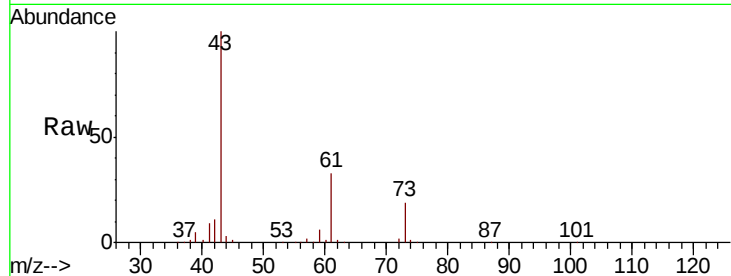




#45
 1,2-Dichloropropane
 Concen: 0.424 ug/l
 RT: 9.24 min Scan# 2321
 Delta R.T. 0.15 min
 Lab File: VN062168.D
 Acq: 27 Jun 2020 3:28

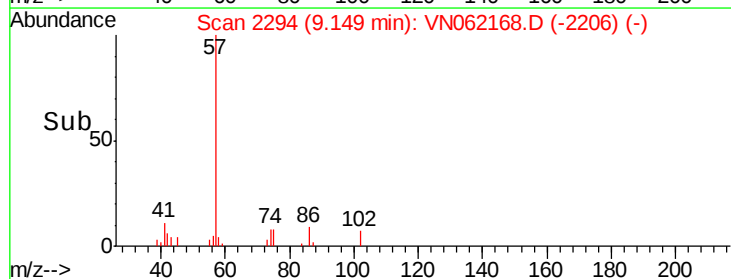
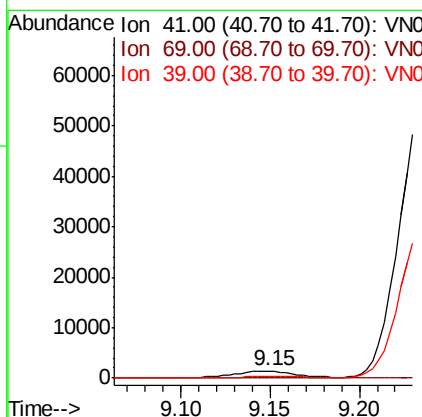
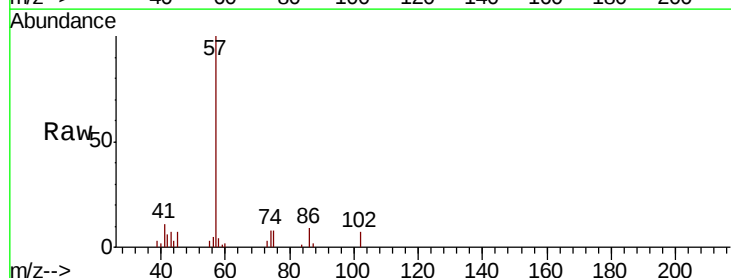
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129766TB

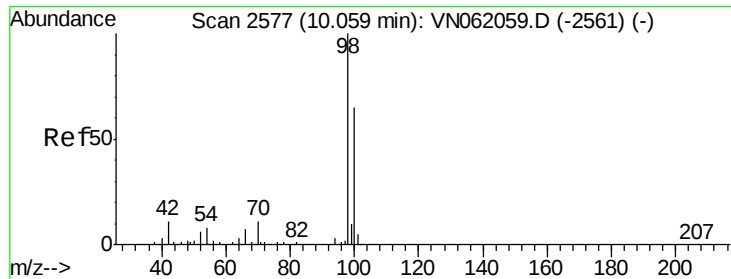
Tot Ion: 63 Resp: 1353
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.4#



#48
 Methyl methacrylate
 Concen: 1.311 ug/l
 RT: 9.15 min Scan# 2294
 Delta R.T. -0.02 min
 Lab File: VN062168.D
 Acq: 27 Jun 2020 3:28

Tgt Ion: 41 Resp: 3368
 Ion Ratio Lower Upper
 41 100
 69 0.0 80.7 121.1#
 39 0.0 54.5 81.7#





#50

Toluene-d8

Concen: 49.827 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062168.D

Acq: 27 Jun 2020 3:28

Instrument :

MSVOA_N

ClientSampleId :

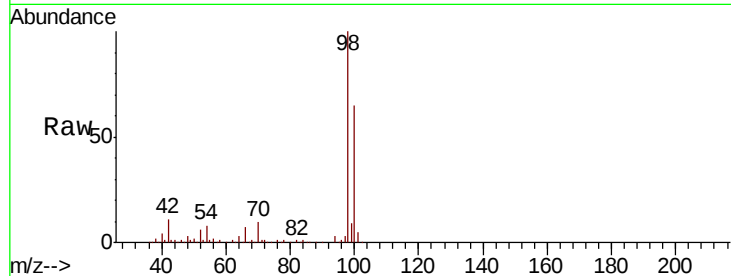
PB129766TB

Tot Ion: 98 Resp: 539560

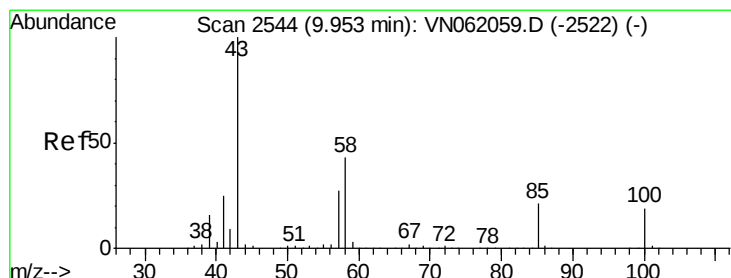
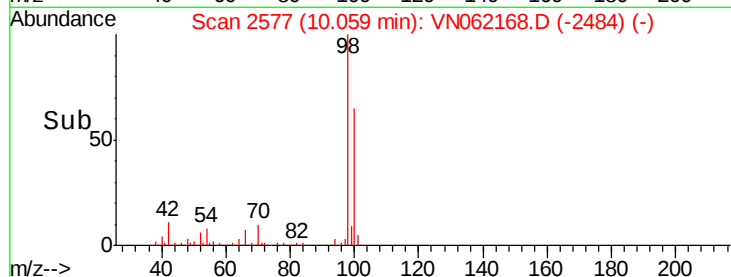
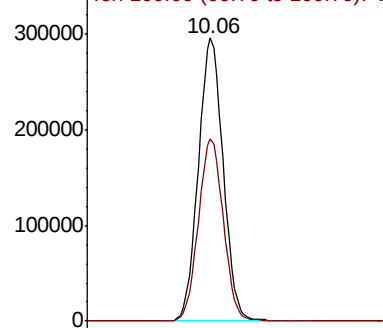
Ion Ratio Lower Upper

98 100

100 64.9 51.2 76.8



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



#51

4-Methyl-2-Pentanone

Concen: 1.708 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062168.D

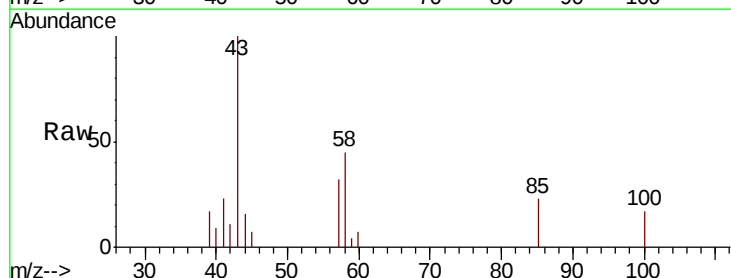
Acq: 27 Jun 2020 3:28

Tgt Ion: 43 Resp: 5718

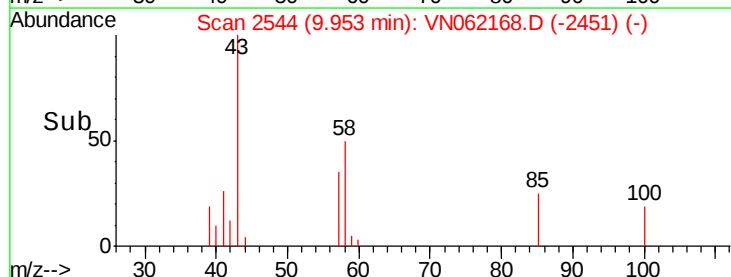
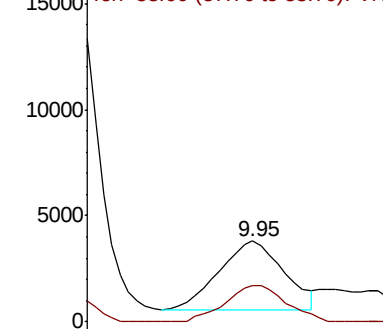
Ion Ratio Lower Upper

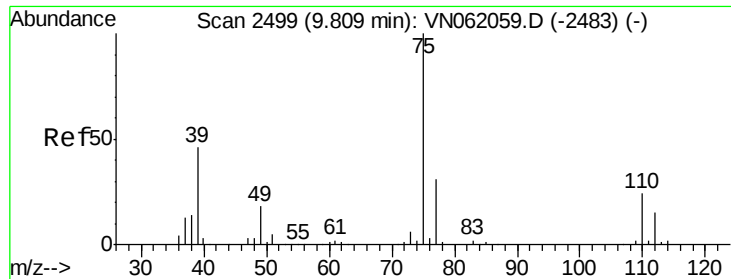
43 100

58 49.0 34.2 51.2



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

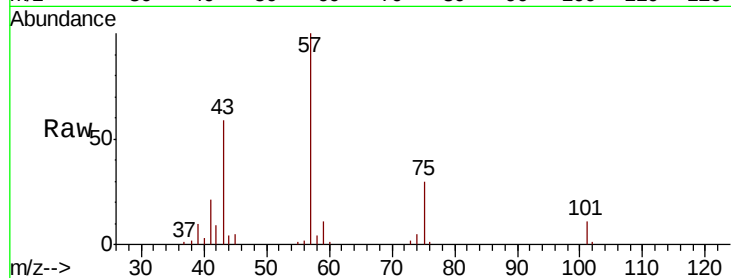




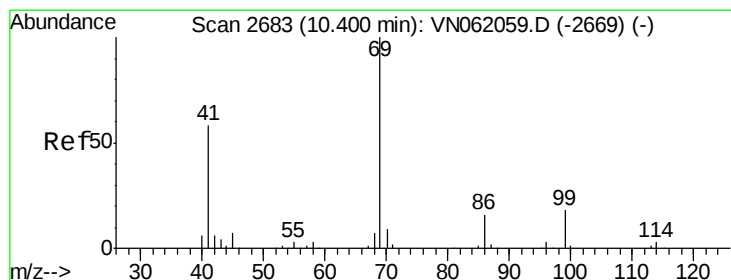
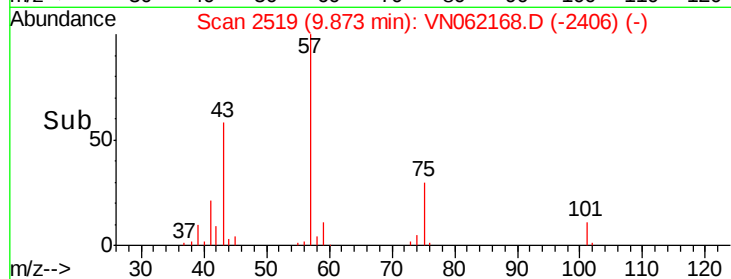
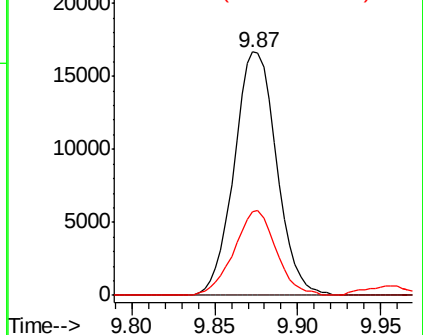
#54
 cis-1,3-Dichloropropene
 Concen: 5.802 ug/l
 RT: 9.87 min Scan# 2519
 Delta R.T. 0.06 min
 Lab File: VN062168.D
 Acq: 27 Jun 2020 3:28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129766TB

Tot Ion: 75 Resp: 29693
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.6#
 39 34.5 36.9 55.3#

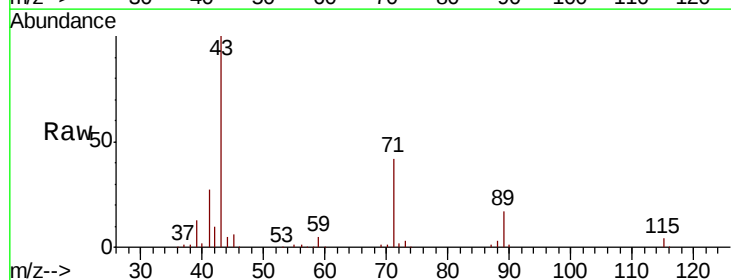


Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 76.90 (76.60 to 77.60): VNO
 Ion 39.00 (38.70 to 39.70): VNO

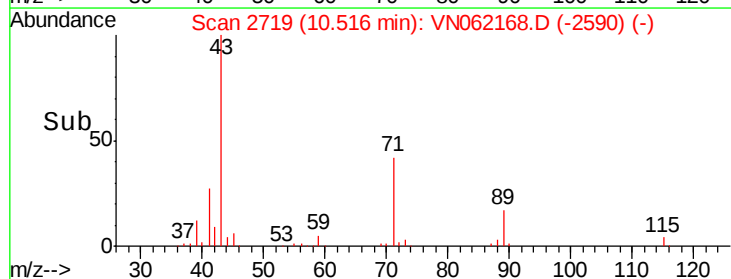
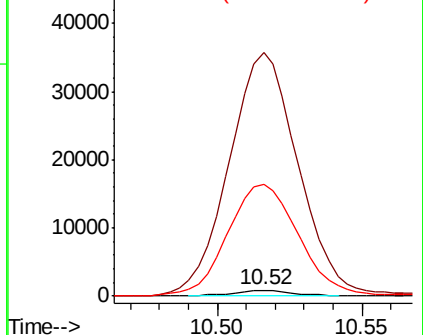


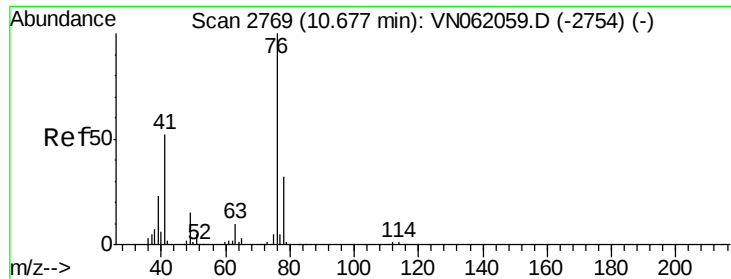
#56
 Ethyl methacrylate
 Concen: 0.280 ug/l
 RT: 10.52 min Scan# 2719
 Delta R.T. 0.12 min
 Lab File: VN062168.D
 Acq: 27 Jun 2020 3:28

Tgt Ion: 69 Resp: 1159
 Ion Ratio Lower Upper
 69 100
 41 5146.6 46.6 70.0#
 39 2407.3 31.0 46.4#



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





#57

1,3-Dichloropropane

Concen: 1.056 ug/l

RT: 10.74 min Scan# 2788

Delta R.T. 0.06 min

Lab File: VN062168.D

Acq: 27 Jun 2020 3:28

Instrument :

MSVOA_N

ClientSampleId :

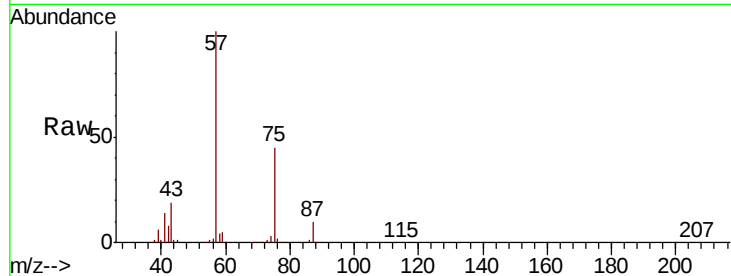
PB129766TB

Tot Ion: 76 Resp: 5642

Ion Ratio Lower Upper

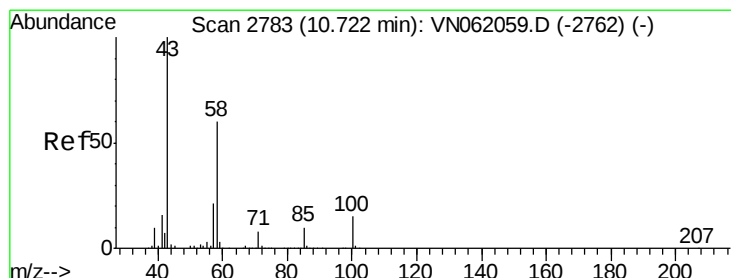
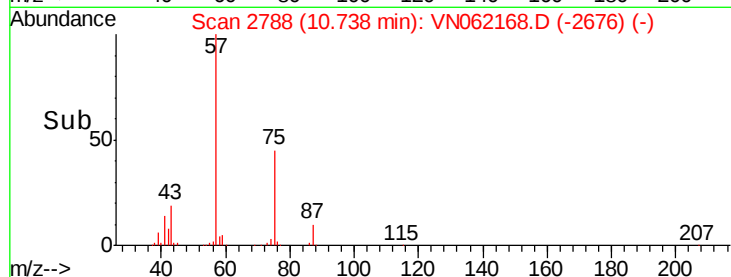
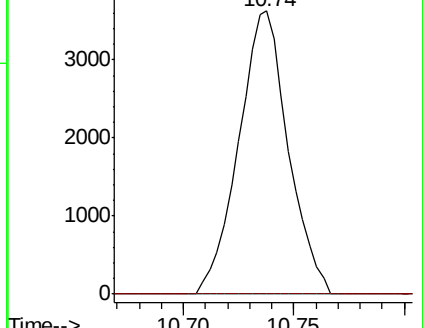
76 100

78 0.0 25.8 38.8#



Abundance Ion 75.90 (75.60 to 76.60): VN062168.D (-2676) (-)

Ion 77.90 (77.60 to 78.60): VN062168.D (-2676) (-)



#59

2-Hexanone

Concen: 27.797 ug/l

RT: 10.74 min Scan# 2788

Delta R.T. 0.02 min

Lab File: VN062168.D

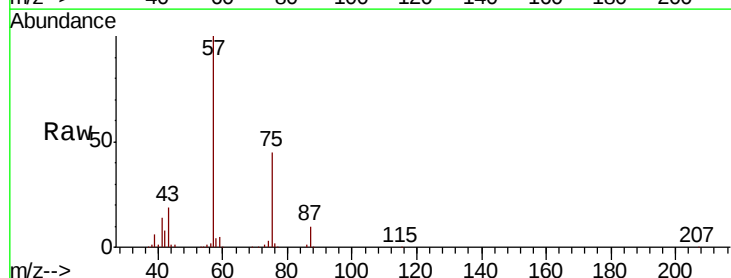
Acq: 27 Jun 2020 3:28

Tgt Ion: 43 Resp: 67187

Ion Ratio Lower Upper

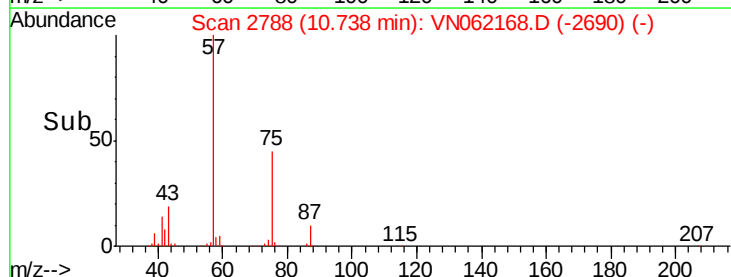
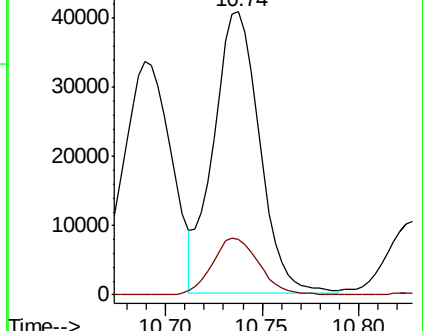
43 100

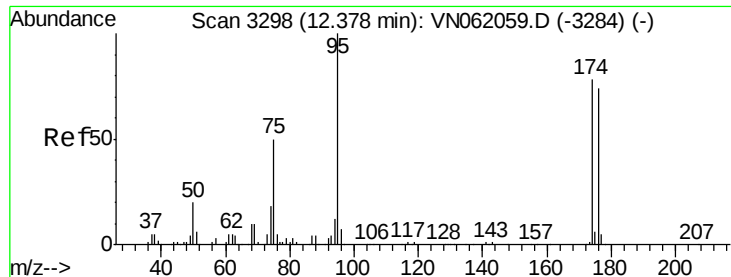
58 20.6 29.5 88.5#



Abundance Ion 43.00 (42.70 to 43.70): VN062168.D (-2690) (-)

Ion 58.00 (57.70 to 58.70): VN062168.D (-2690) (-)





#62

4-Bromofluorobenzene

Concen: 49.315 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062168.D

Acq: 27 Jun 2020 3:28

Instrument :

MSVOA_N

ClientSampleId :

PB129766TB

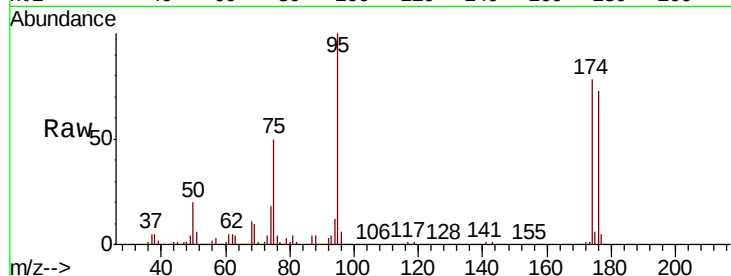
Tot Ion: 95 Resp: 180421

Ion Ratio Lower Upper

95 100

174 75.9 0.0 154.8

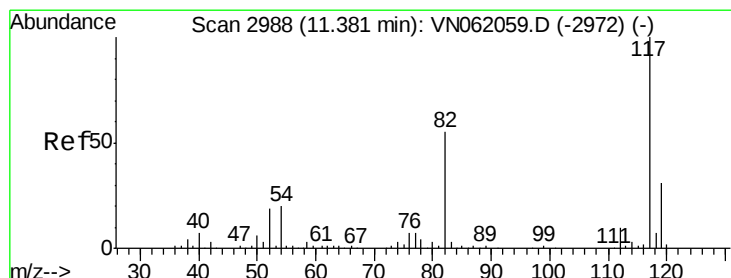
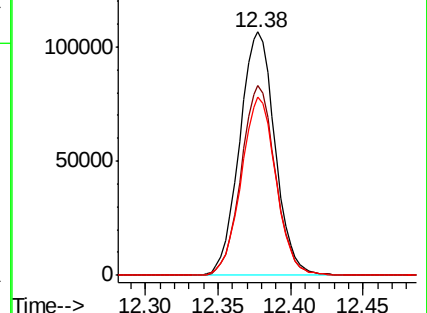
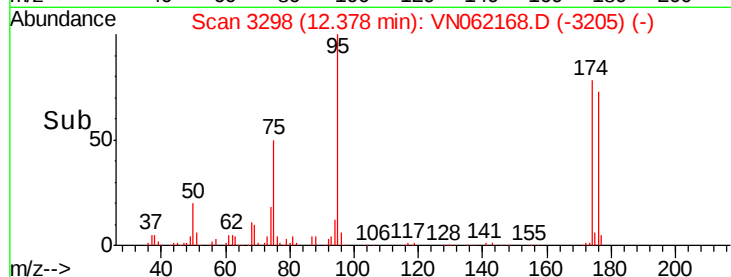
176 72.0 0.0 147.4



Abundance Ion 94.90 (94.60 to 95.60): VN062168.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062168.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062168.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062168.D

Acq: 27 Jun 2020 3:28

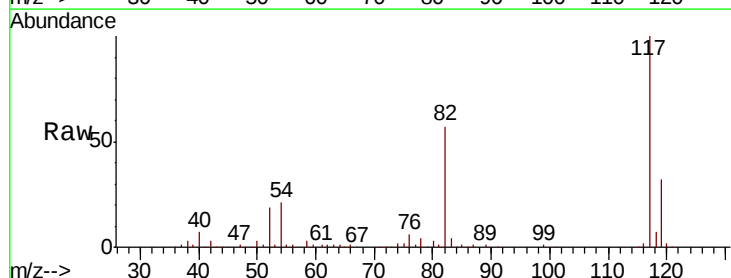
Tgt Ion: 117 Resp: 415356

Ion Ratio Lower Upper

117 100

82 57.0 43.8 65.8

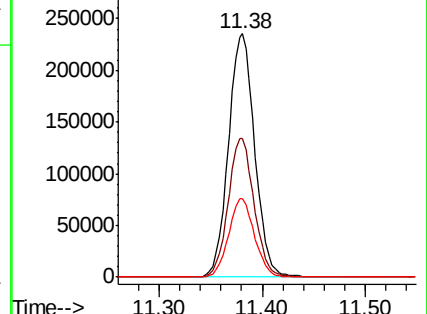
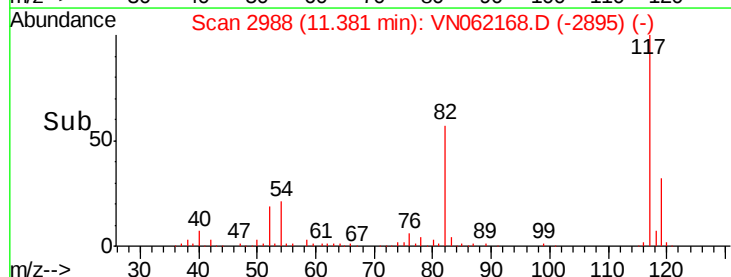
119 32.1 25.2 37.8

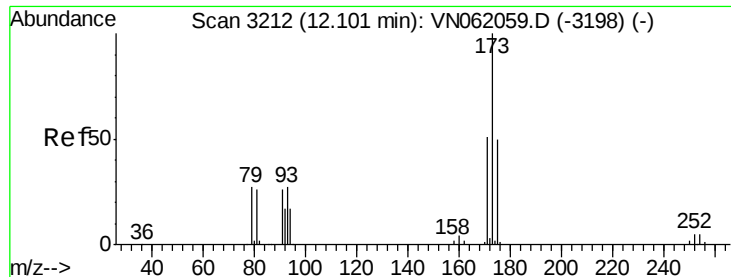


Abundance Ion 116.90 (116.60 to 117.60): VN062168.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062168.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062168.D (-2895) (-)





#71

Bromoform

Concen: 0.446 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN062168.D

Acq: 27 Jun 2020 3:28

Instrument :

MSVOA_N

ClientSampleId :

PB129766TB

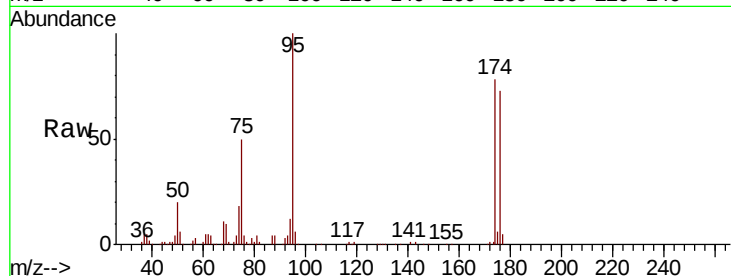
Tot Ion:173 Resp: 1000

Ion Ratio Lower Upper

173 100

175 881.8 24.7 74.1#

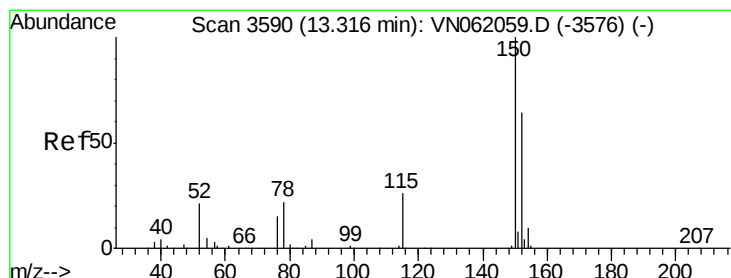
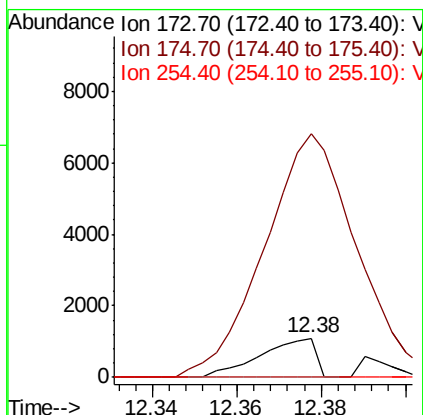
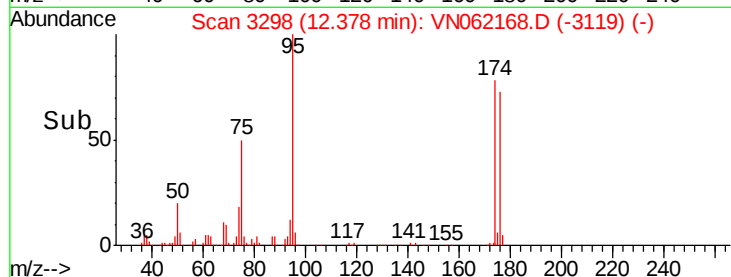
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062168.D

Acq: 27 Jun 2020 3:28

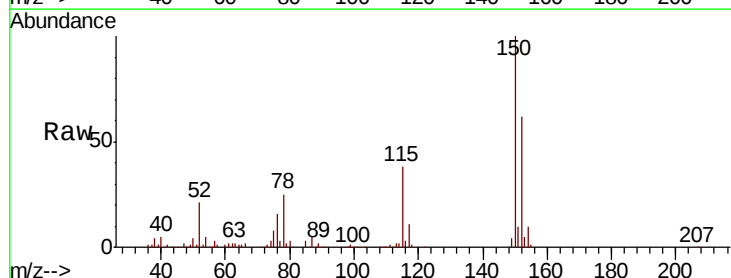
Tgt Ion:152 Resp: 151578

Ion Ratio Lower Upper

152 100

115 59.9 29.5 88.5

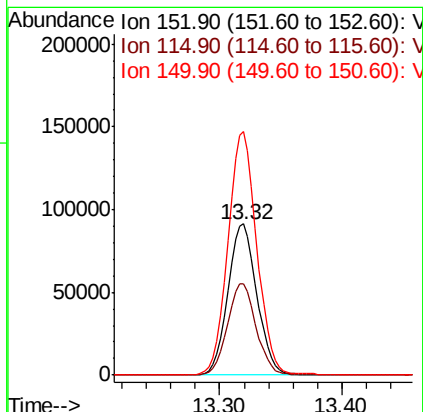
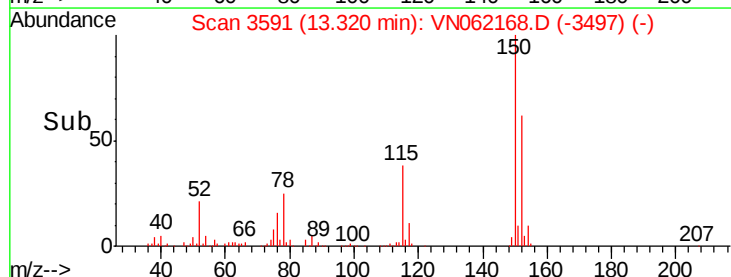
150 160.3 0.0 351.4

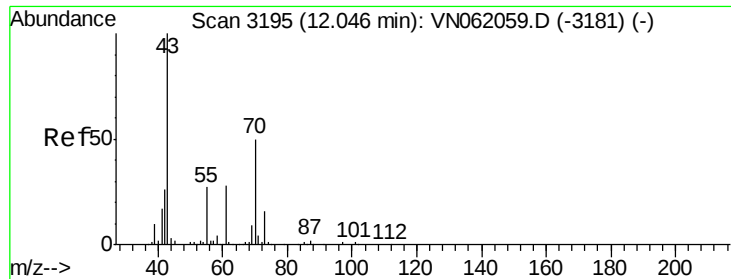


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 3.799 ug/l

RT: 12.00 min Scan# 3182

Delta R.T. -0.04 min

Lab File: VN062168.D

Acq: 27 Jun 2020 3:28

Instrument :

MSVOA_N

ClientSampleId :

PB129766TB

Tot Ion: 43 Resp: 2110

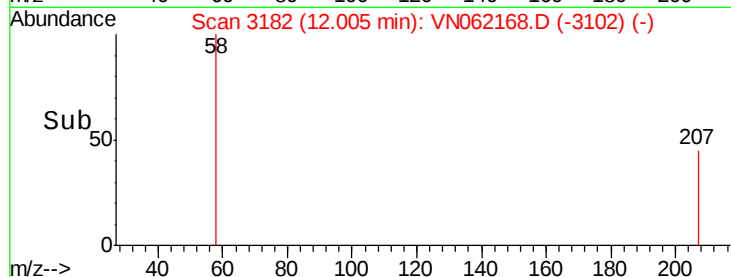
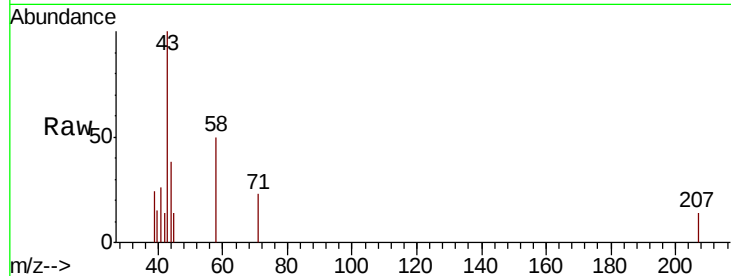
Ion Ratio Lower Upper

43 100

70 0.0 39.4 59.2#

55 3.3 21.7 32.5#

61 0.0 21.3 31.9#

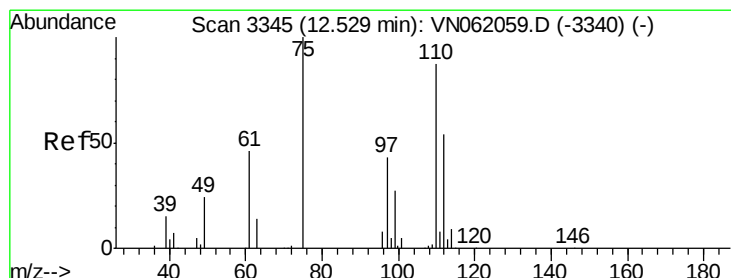
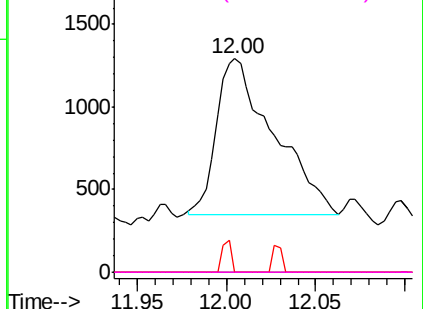


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 25.124 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062168.D

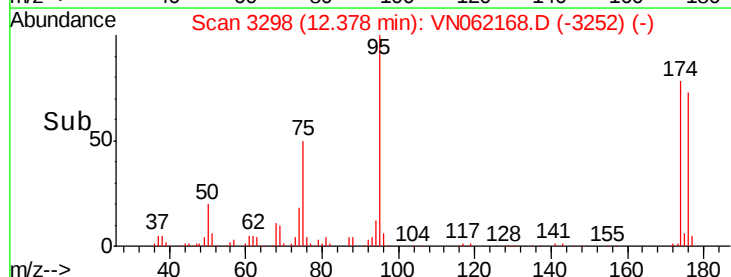
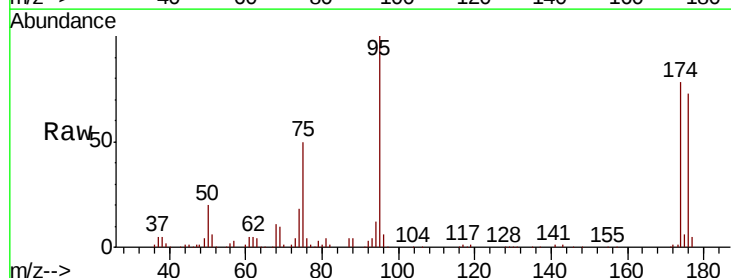
Acq: 27 Jun 2020 3:28

Tgt Ion: 75 Resp: 89649

Ion Ratio Lower Upper

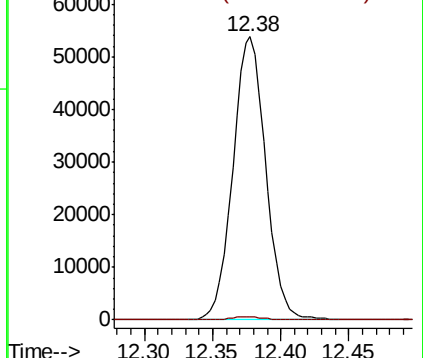
75 100

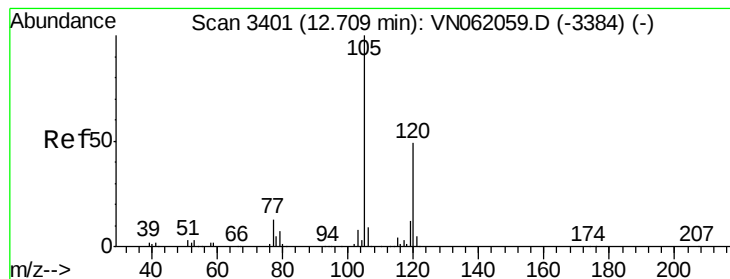
77 1.0 0.0 0.0#



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: 0.341 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062168.D

Acq: 27 Jun 2020 3:28

Instrument :

MSVOA_N

ClientSampleId :

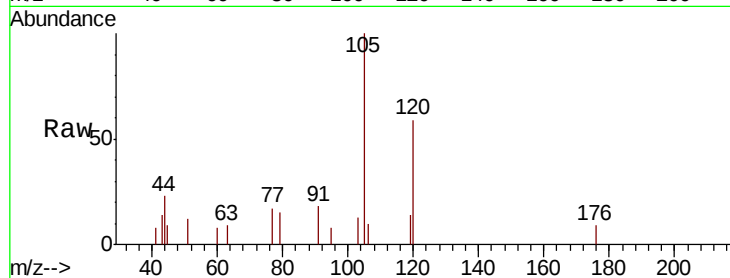
PB129766TB

Tot Ion:105 Resp: 3248

Ion Ratio Lower Upper

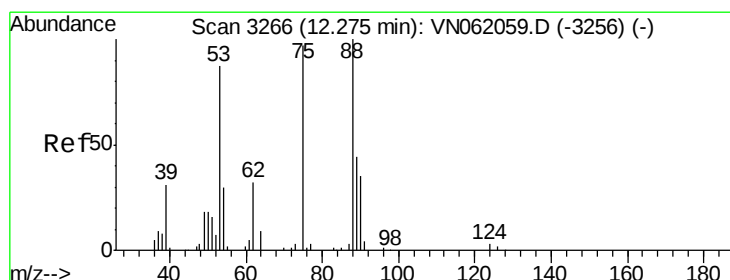
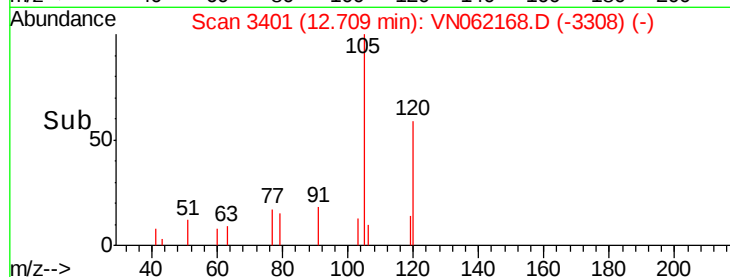
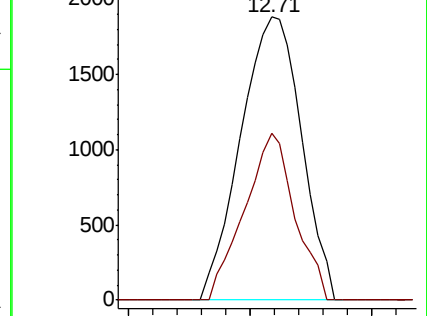
105 100

120 48.7 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 73.371 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062168.D

Acq: 27 Jun 2020 3:28

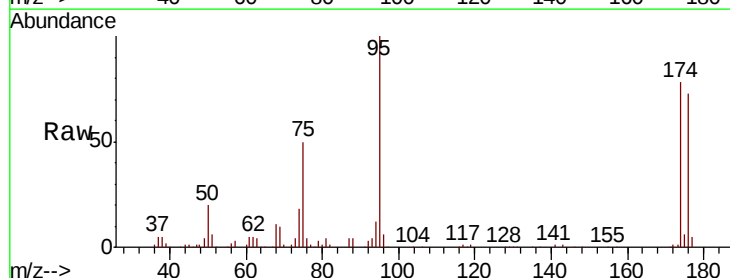
Tgt Ion: 75 Resp: 89649

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

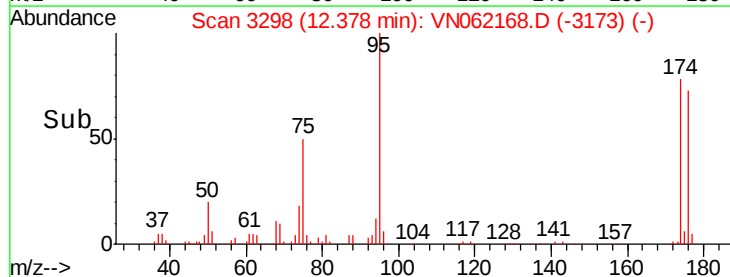
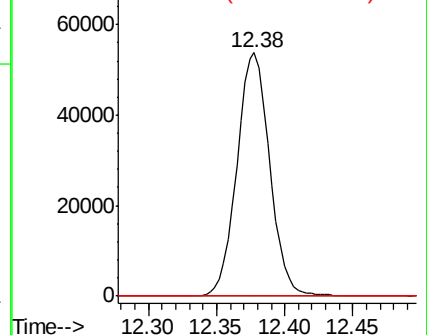
89 0.0 36.9 55.3#

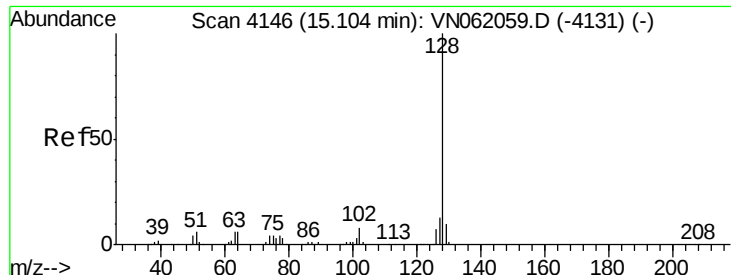


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#95

Naphthalene

Concen: 3.999 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062168.D

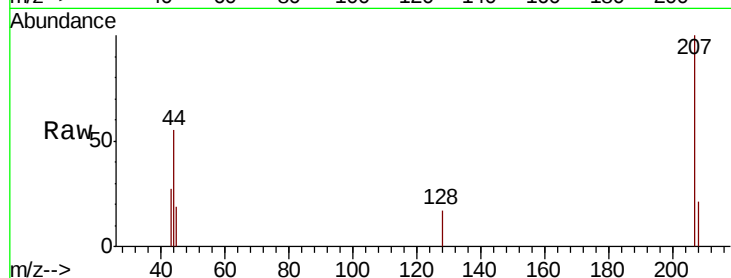
Acq: 27 Jun 2020 3:28

Instrument :

MSVOA_N

ClientSampleId :

PB129766TB



Tot Ion:	128	Resp:	30
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.6	13.0#

