

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062161.D
 Acq On : 27 Jun 2020 00:40
 Operator : JC/MD
 Sample : PB129781ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129781ZHE#02

Quant Time: Jun 27 03:49:41 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	217538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	418908	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	409007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	152824	50.00	ug/l	0.00

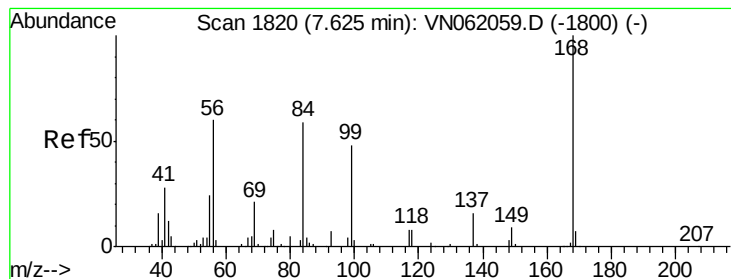
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	153134	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
35) Dibromofluoromethane	7.55	113	127387	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
50) Toluene-d8	10.06	98	533739	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.38	95	179439	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	

Target Compounds

					Qvalue	
3) Chloromethane	2.03	50	218	Below Cal	#	41
8) Diethyl Ether	3.38	74	1034	0.621	ug/l	78
11) Tert butyl alcohol	4.72	59	94	0.214	ug/l #	72
16) Acetone	3.78	43	17342	14.278	ug/l	98
18) Methyl Acetate	4.28	43	3150	1.298	ug/l #	56
20) Methylene Chloride	4.51	84	29337	10.296	ug/l	95
25) 2-Butanone	6.81	43	2742	1.838	ug/l	99
29) Tetrahydrofuran	7.16	42	351	0.359	ug/l #	62
31) Cyclohexane	7.62	56	4607	1.092	ug/l #	12
36) 1,1-Dichloropropene	7.63	75	17906	4.253	ug/l #	48
38) Carbon Tetrachloride	7.63	117	22597	5.692	ug/l #	15
41) Methacrylonitrile	7.17	41	450	0.278	ug/l #	14
43) Isopropyl Acetate	8.13	43	59319	10.437	ug/l	99
44) Trichloroethene	8.79	130	1383	0.427	ug/l	58
45) 1,2-Dichloropropane	9.24	63	1594	0.503	ug/l #	43
48) Methyl methacrylate	9.15	41	3030	1.189	ug/l #	6
51) 4-Methyl-2-Pentanone	9.95	43	7055	2.124	ug/l	95
54) cis-1,3-Dichloropropene	9.88	75	29885	5.886	ug/l #	66
56) Ethyl methacrylate	10.52	69	1055	0.257	ug/l #	1
57) 1,3-Dichloropropane	10.73	76	5664	1.069	ug/l #	42
59) 2-Hexanone	10.74	43	66078	27.556	ug/l #	49
71) Bromoform	12.38	173	1626	0.736	ug/l #	1
74) N-ethyl acetate	12.00	43	1425	3.648	ug/l #	38
76) 1,2,3-Trichloropropane	12.38	75	89355	24.837	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	3678	0.384	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	89355	72.534	ug/l #	13
95) Naphthalene	15.11	128	949	4.115	ug/l #	69

(#) = 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: VN062161.D

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MSVOA_N

ClientSampleId :

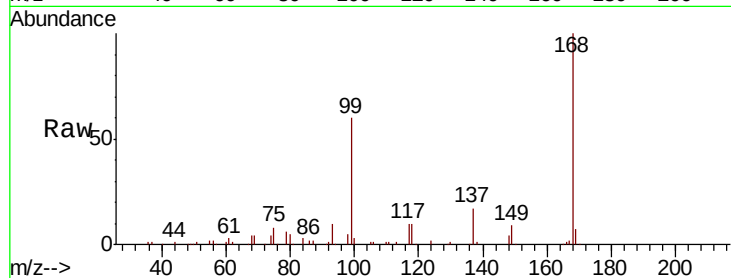
PB129781ZHE#02

Tot Ion:168 Resp: 217538

Ion Ratio Lower Upper

168 100

99 59.6 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

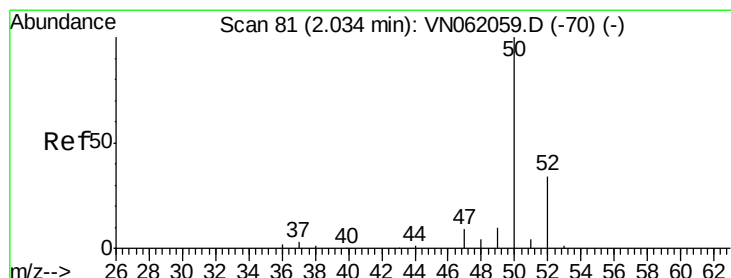
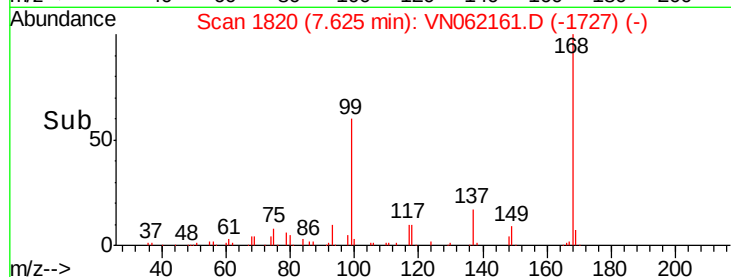
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062161.D

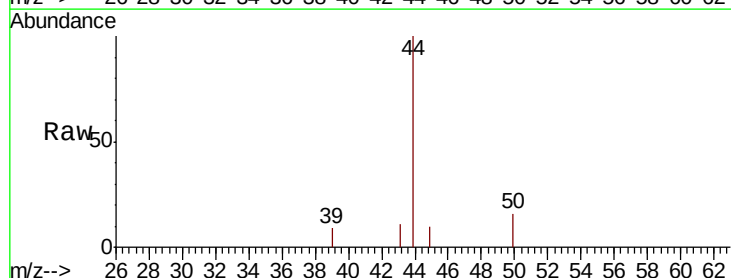
Acq: 27 Jun 2020 00:40

Tgt Ion: 50 Resp: 218

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

250

200

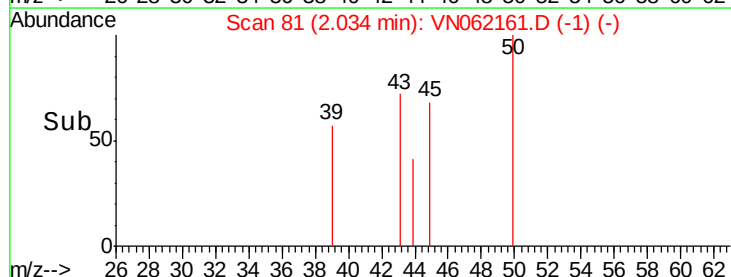
150

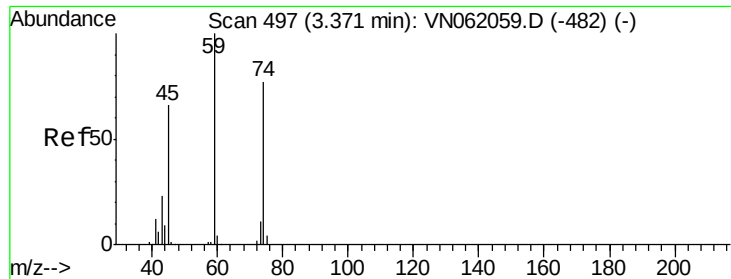
100

50

0

Time-->





#8

Diethyl Ether

Concen: 0.621 ug/l

RT: 3.38 min Scan# 499

Delta R.T. 0.01 min

Lab File: VN062161.D

Acq: 27 Jun 2020 00:40

Instrument :

MSVOA_N

ClientSampleId :

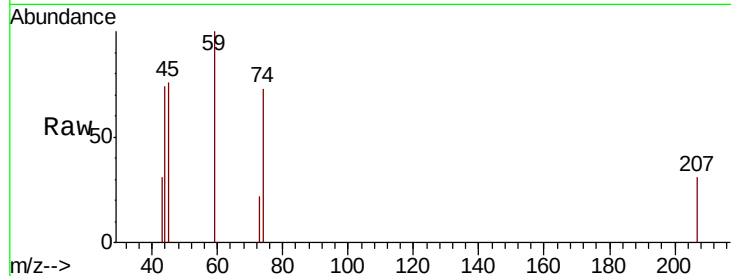
PB129781ZHE#02

Tot Ion: 74 Resp: 1034

Ion Ratio Lower Upper

74 100

45 104.8 42.5 127.5



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

3.38

600

500

400

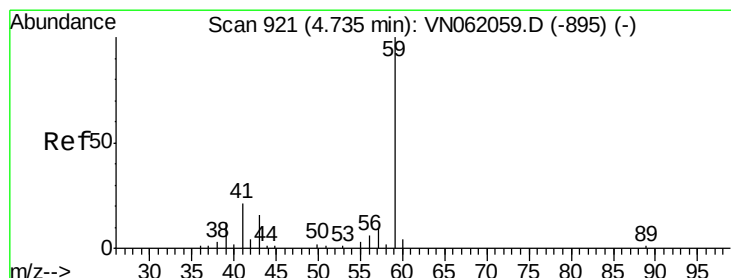
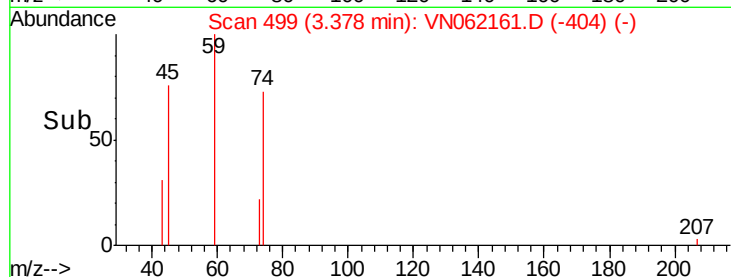
300

200

100

0

Time-->



#11

Tert butyl alcohol

Concen: 0.214 ug/l

RT: 4.72 min Scan# 917

Delta R.T. -0.01 min

Lab File: VN062161.D

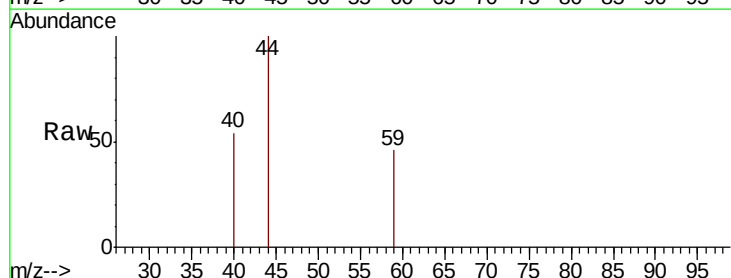
Acq: 27 Jun 2020 00:40

Tgt Ion: 59 Resp: 94

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.72

200

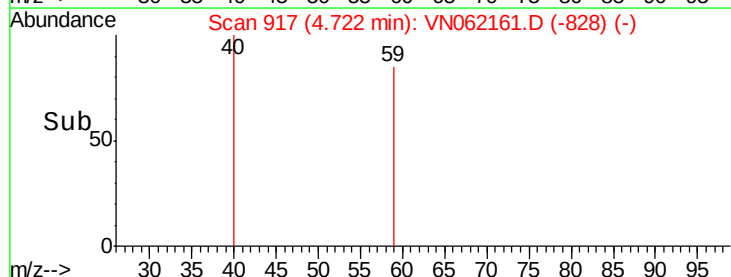
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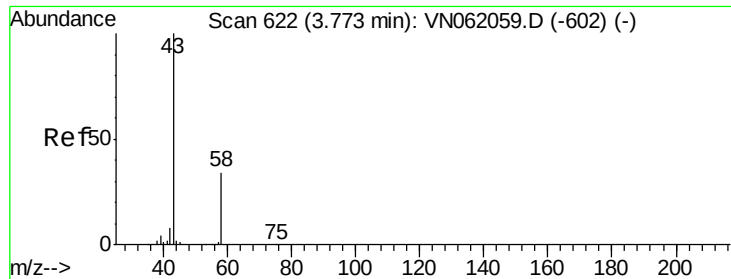
100

50

0

Time-->





#16

Acetone

Concen: 14.278 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062161.D

Acq: 27 Jun 2020 00:40

Instrument :

MSVOA_N

ClientSampleId :

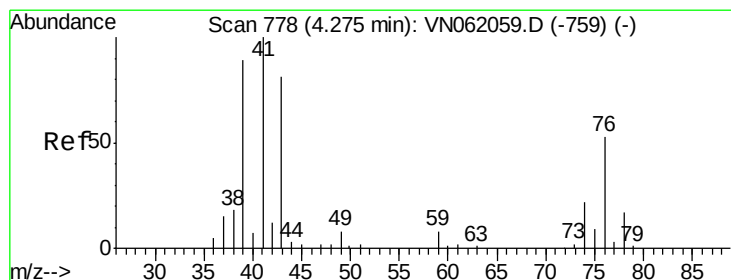
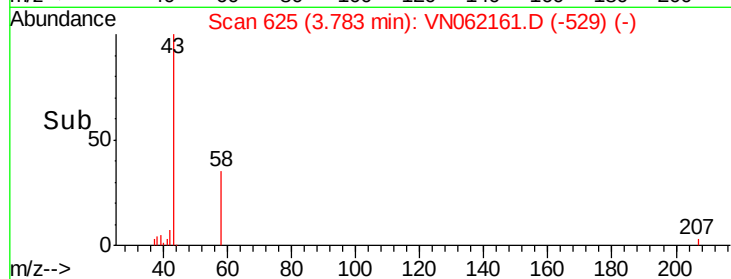
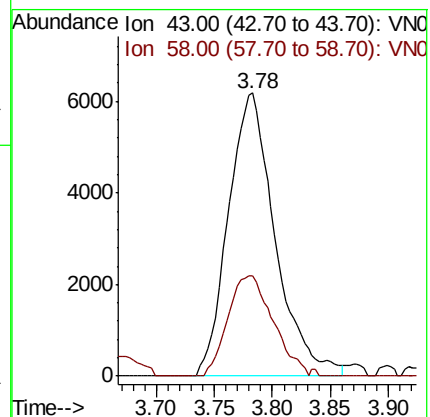
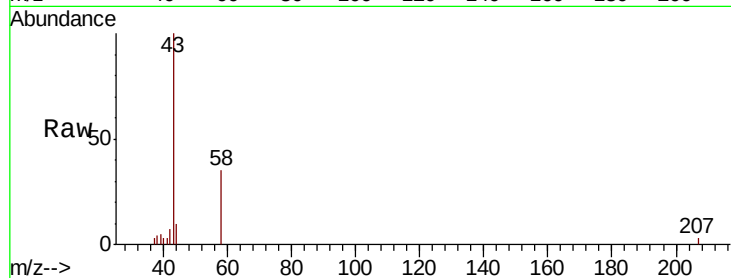
PB129781ZHE#02

Tot Ion: 43 Resp: 17342

Ion Ratio Lower Upper

43 100

58 35.4 27.5 41.3



#18

Methyl Acetate

Concen: 1.298 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062161.D

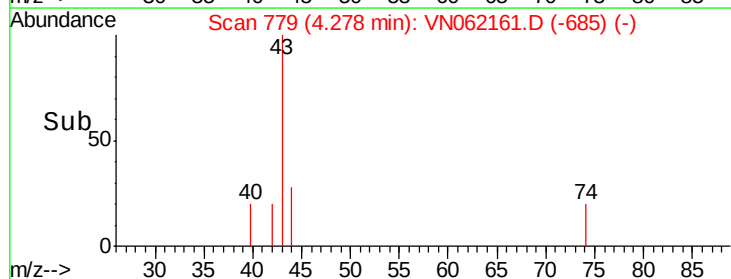
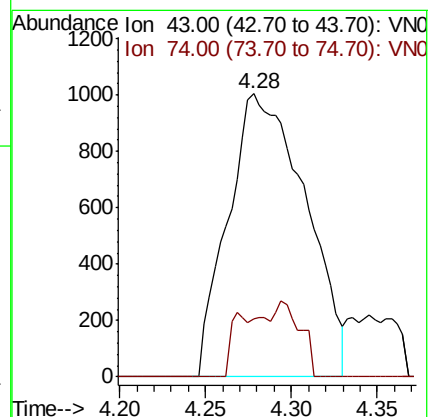
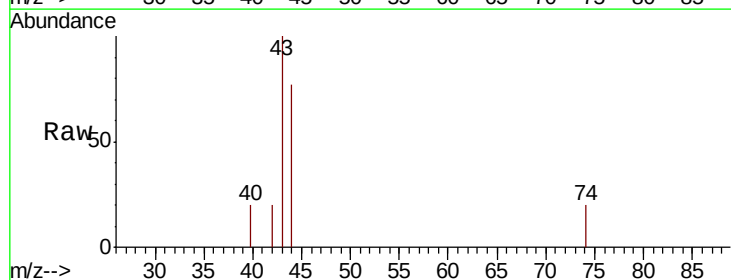
Acq: 27 Jun 2020 00:40

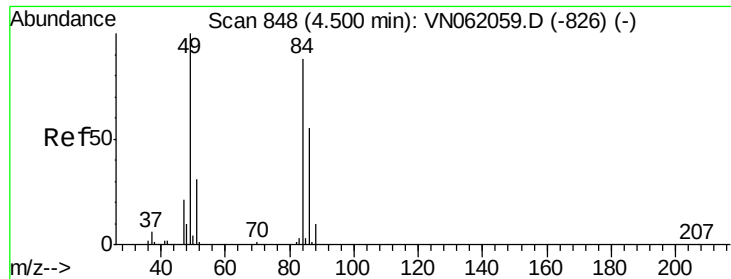
Tgt Ion: 43 Resp: 3150

Ion Ratio Lower Upper

43 100

74 5.1 22.9 34.3#

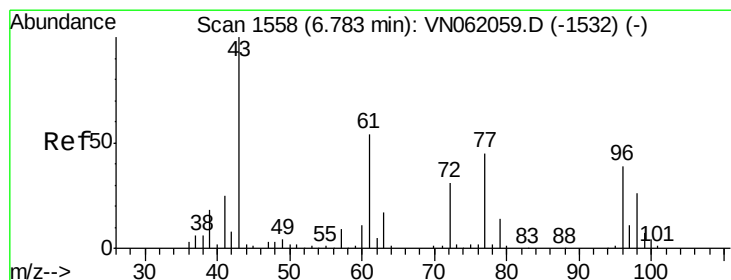
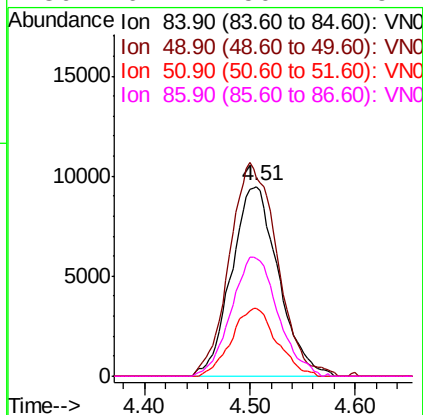
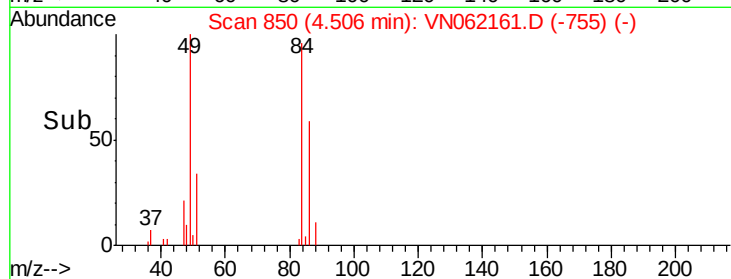
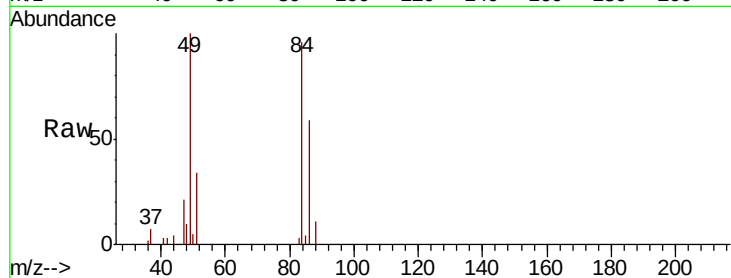




#20
Methvlene Chloride
Concen: 10.296 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN062161.D
Acq: 27 Jun 2020 00:40

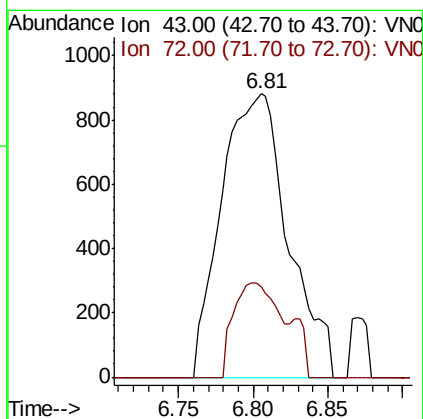
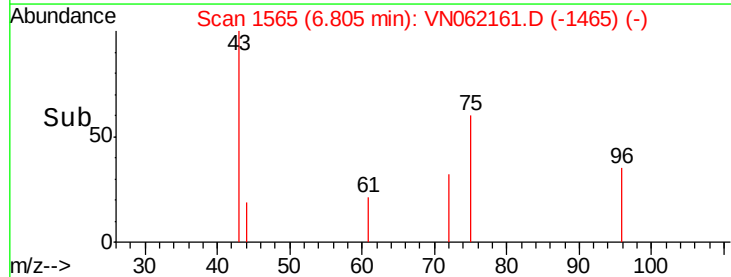
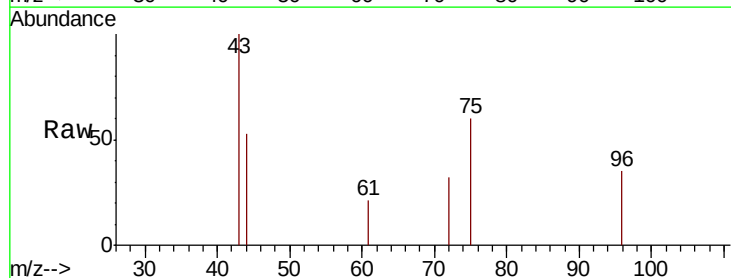
Instrument :
MSVOA_N
ClientSampleId :
PB129781ZHE#02

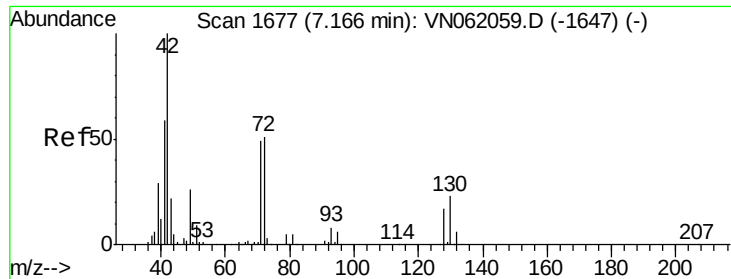
Tot Ion:	84	Resp:	29337
Ion	Ratio	Lower	Upper
84	100		
49	104.6	90.6	136.0
51	35.5	27.8	41.8
86	61.7	50.1	75.1



#25
2-Butanone
Concen: 1.838 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.02 min
Lab File: VN062161.D
Acq: 27 Jun 2020 00:40

Tgt Ion:	43	Resp:	2742
Ion	Ratio	Lower	Upper
43	100		
72	31.7	24.8	37.2

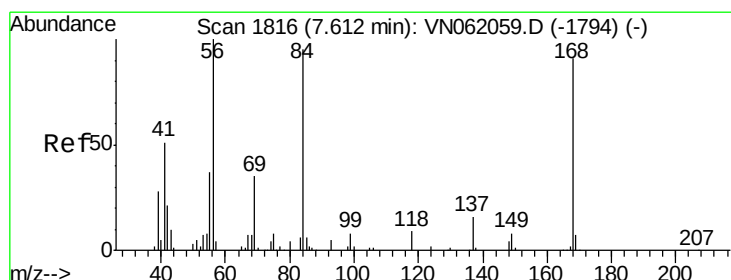
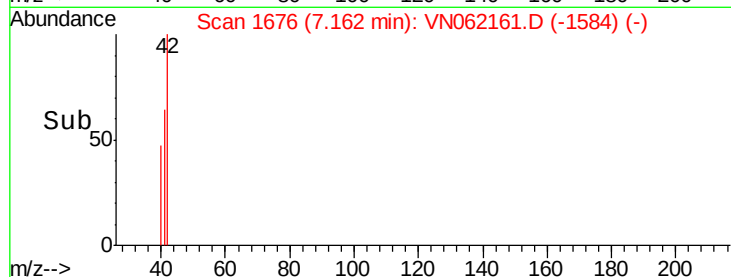
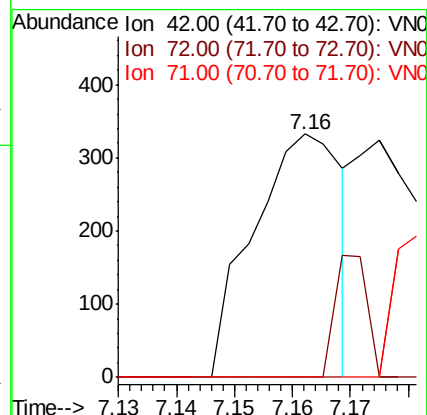
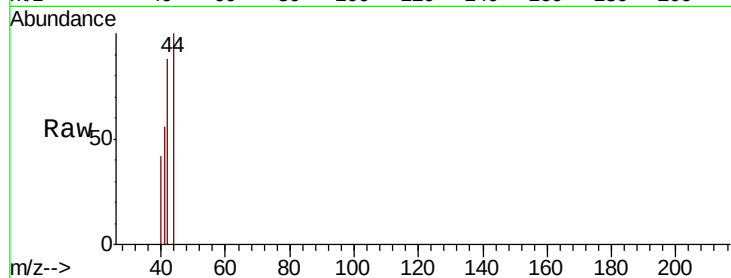




#29
Tetrahydrofuran
Concen: 0.359 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062161.D
Acq: 27 Jun 2020 00:40

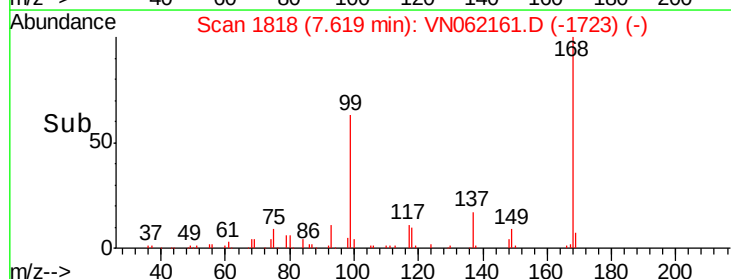
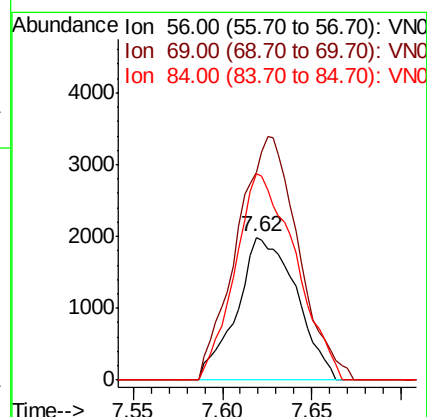
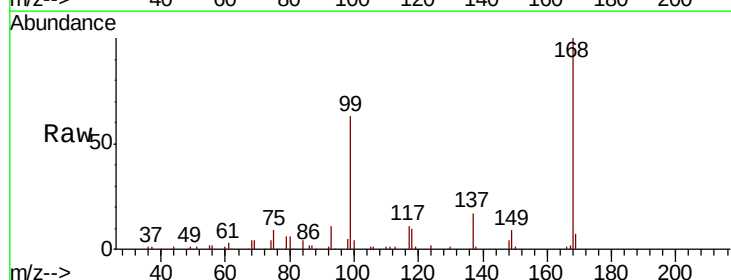
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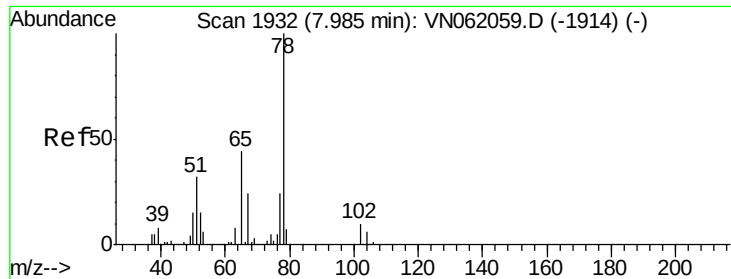
Tot Ion: 42 Resp: 351
Ion Ratio Lower Upper
42 100
72 18.2 41.1 61.7#
71 29.6 38.2 57.4#



#31
Cyclohexane
Concen: 1.092 ug/l
RT: 7.62 min Scan# 1818
Delta R.T. 0.01 min
Lab File: VN062161.D
Acq: 27 Jun 2020 00:40

Tgt Ion: 56 Resp: 4607
Ion Ratio Lower Upper
56 100
69 145.4 28.0 42.0#
84 144.7 76.1 114.1#

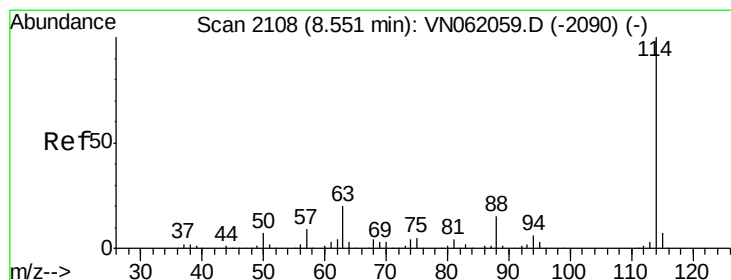
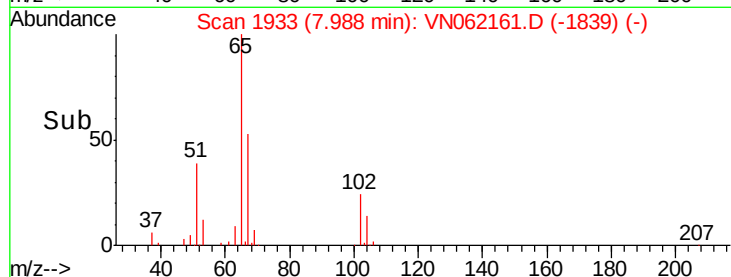
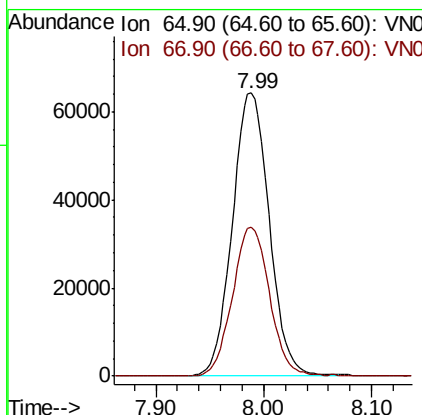
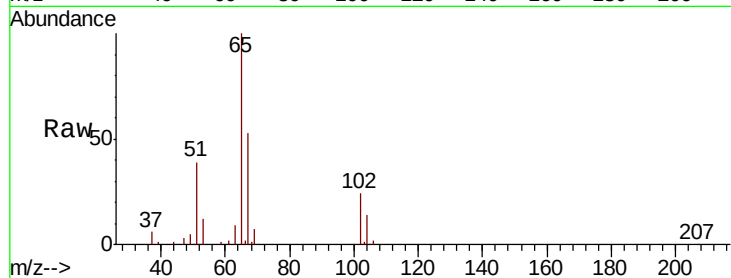




#33
 1,2-Dichloroethane-d4
 Concen: 50.162 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062161.D
 Acq: 27 Jun 2020 00:40

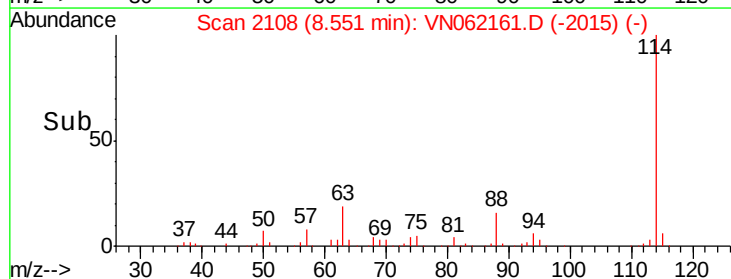
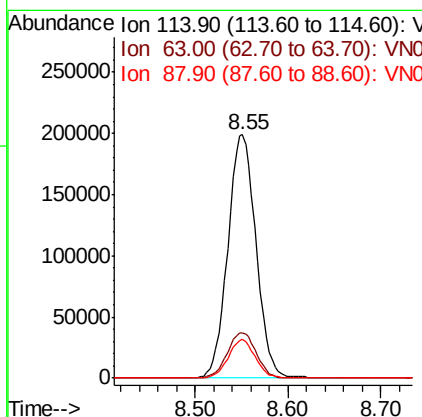
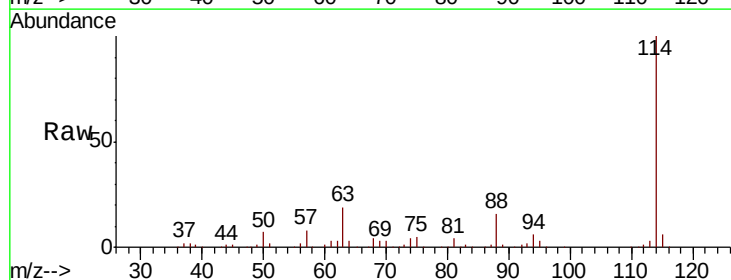
Instrument :
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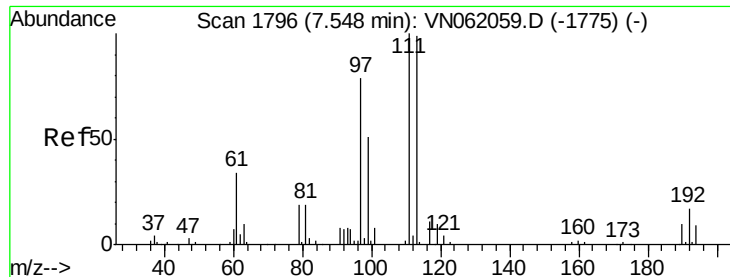
Tot Ion: 65 Resp: 153134
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062161.D
 Acq: 27 Jun 2020 00:40

Tgt Ion: 114 Resp: 418908
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 15.8 0.0 30.8

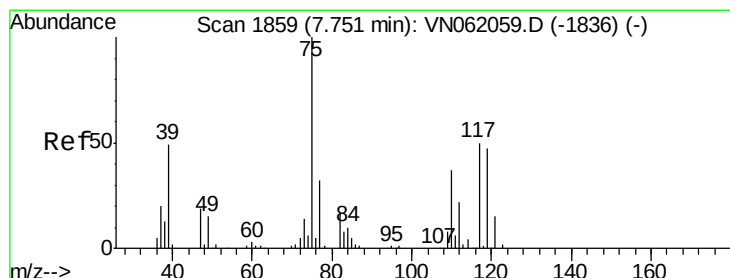
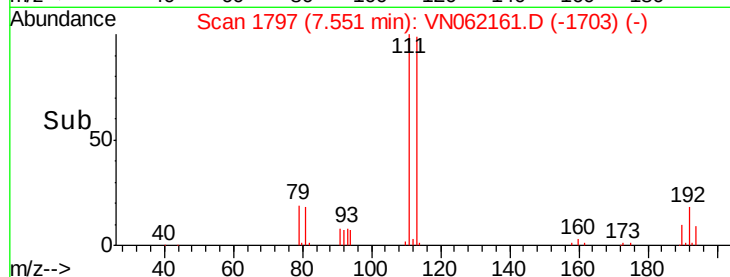
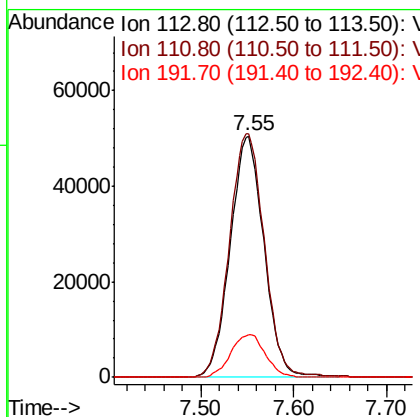
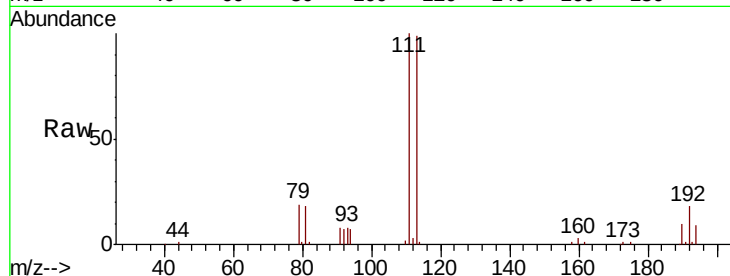




#35
 Dibromofluoromethane
 Concen: 47.400 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062161.D
 Acq: 27 Jun 2020 00:40

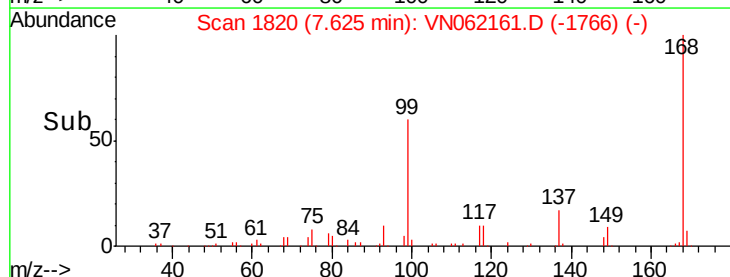
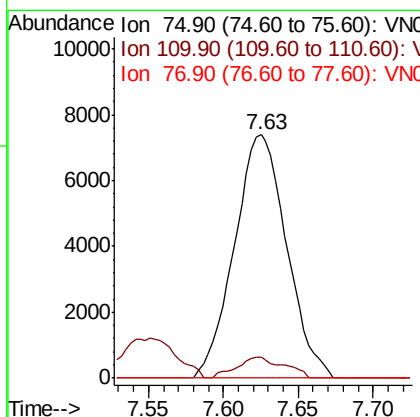
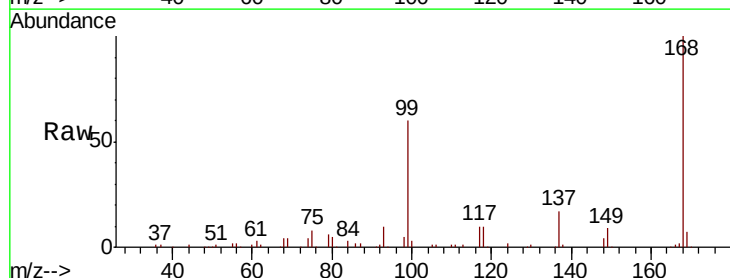
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129781ZHE#02

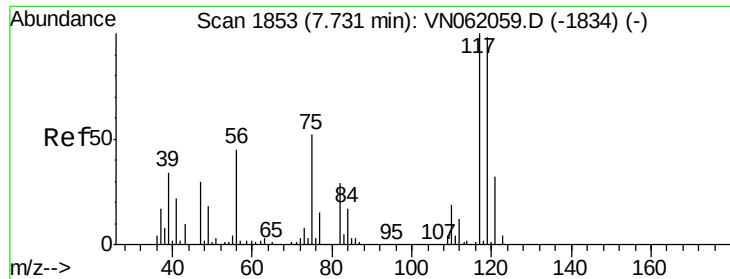
Tot Ion:113 Resp: 127387
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.2 123.4
 192 18.2 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 4.253 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062161.D
 Acq: 27 Jun 2020 00:40

Tgt Ion: 75 Resp: 17906
 Ion Ratio Lower Upper
 75 100
 110 7.9 17.9 53.8#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 5.692 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN062161.D

Acq: 27 Jun 2020 00:40

Instrument :

MSVOA_N

ClientSampleId :

PB129781ZHE#02

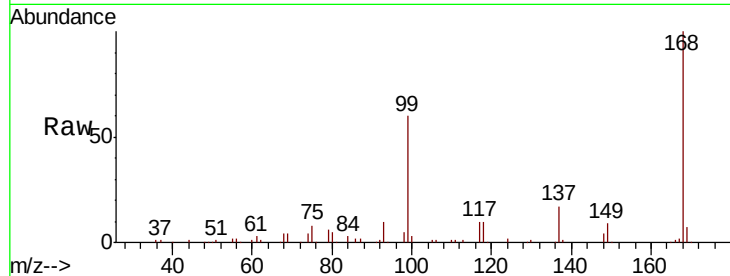
Tot Ion:117 Resp: 22597

Ion Ratio Lower Upper

117 100

119 4.4 78.2 117.2#

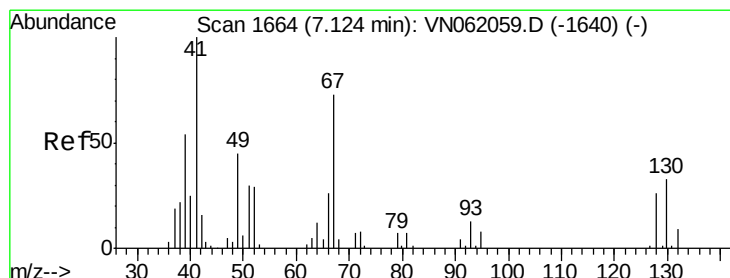
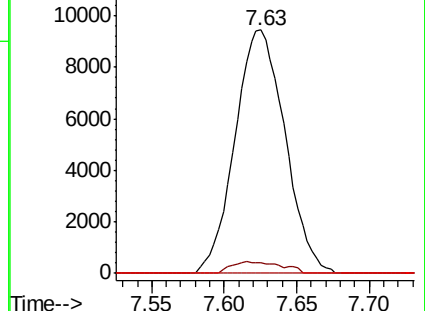
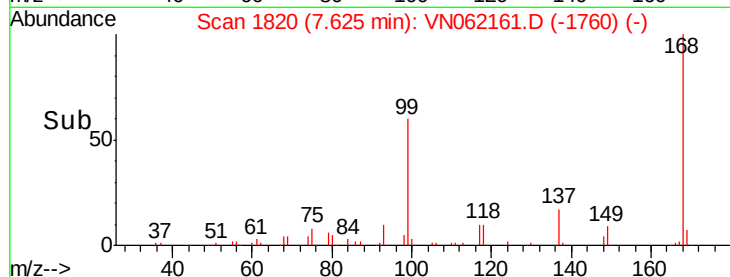
121 0.0 25.8 38.6#



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: 0.278 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.04 min

Lab File: VN062161.D

Acq: 27 Jun 2020 00:40

Tgt Ion: 41 Resp: 450

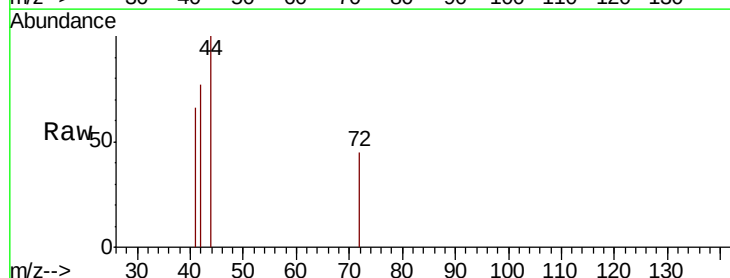
Ion Ratio Lower Upper

41 100

39 0.0 44.2 66.2#

67 0.0 79.5 119.3#

52 0.0 32.3 48.5#

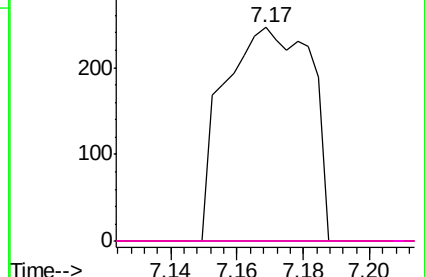
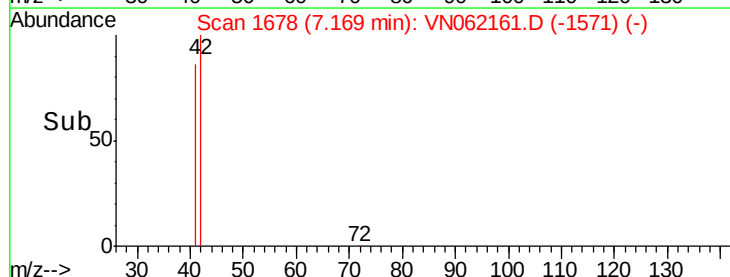


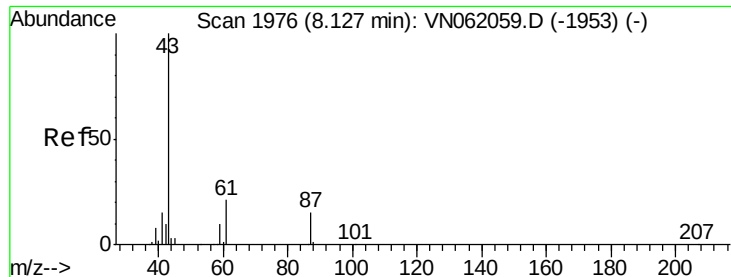
Abundance Ion 41.00 (40.70 to 41.70): V

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: 10.437 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062161.D

Acq: 27 Jun 2020 00:40

Instrument :

MSVOA_N

ClientSampleId :

PB129781ZHE#02

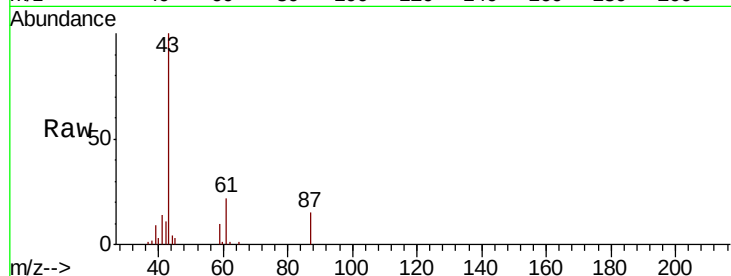
Tot Ion: 43 Resp: 59319

Ion Ratio Lower Upper

43 100

61 22.1 17.2 25.8

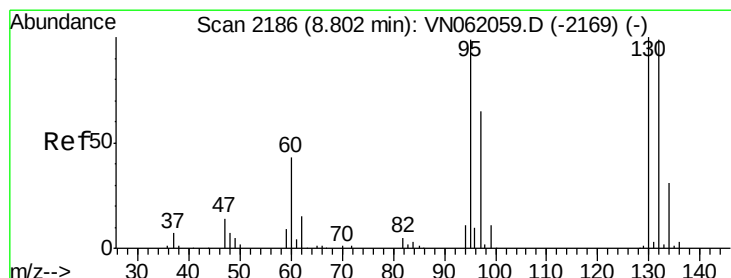
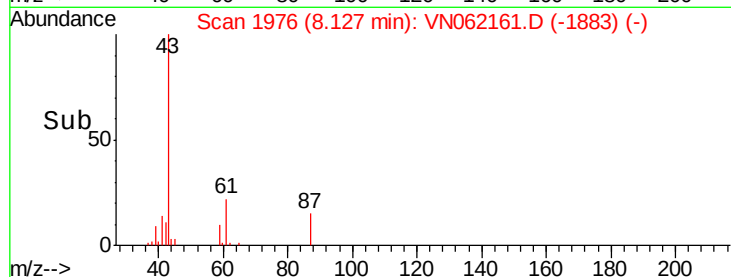
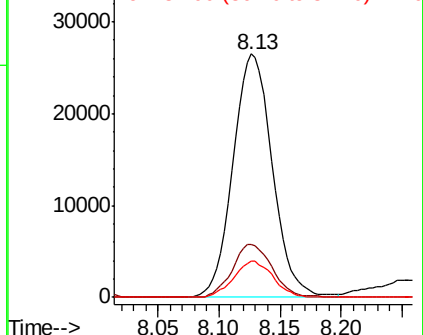
87 14.7 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062059.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062059.D (-1953) (-)



#44

Trichloroethene

Concen: 0.427 ug/l

RT: 8.79 min Scan# 2183

Delta R.T. -0.01 min

Lab File: VN062161.D

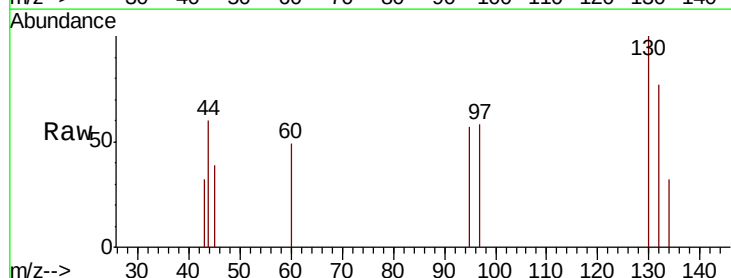
Acq: 27 Jun 2020 00:40

Tgt Ion: 130 Resp: 1383

Ion Ratio Lower Upper

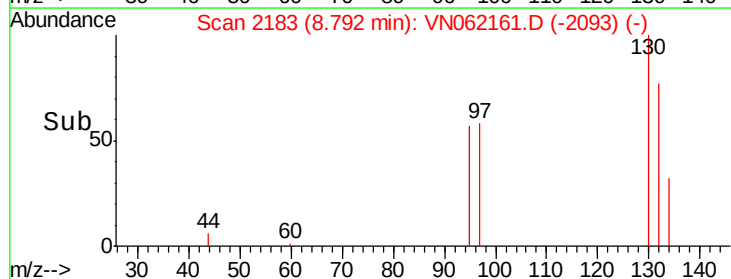
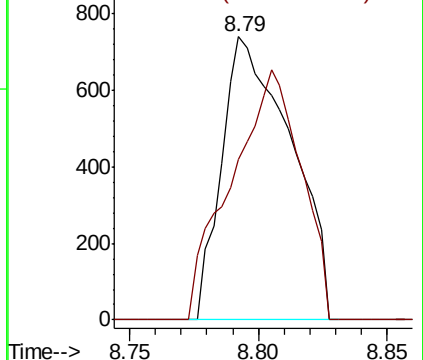
130 100

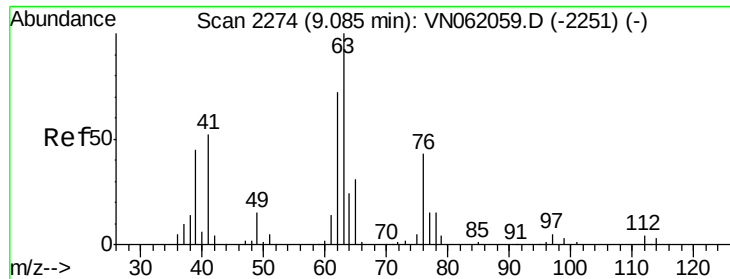
95 56.7 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062059.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN062059.D (-2169) (-)

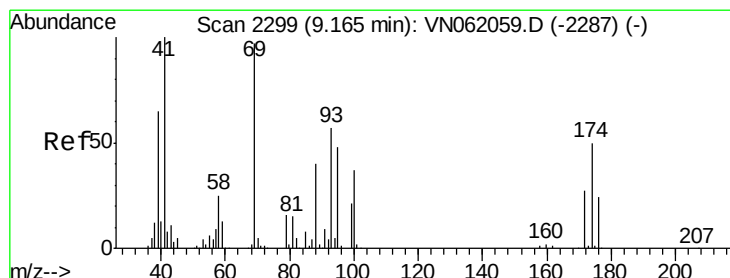
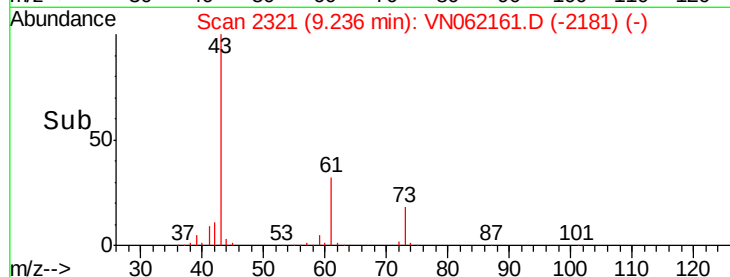
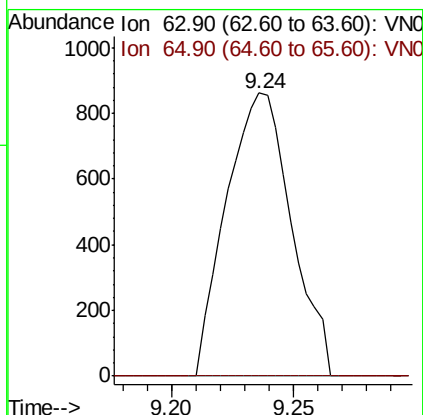
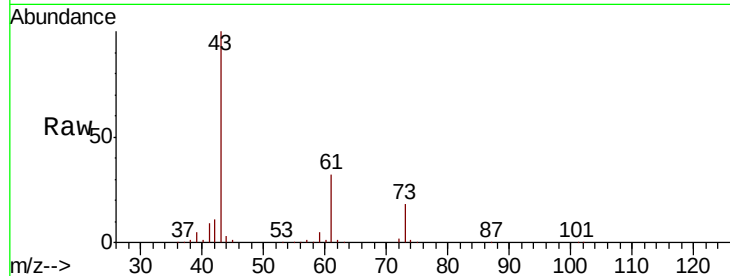




#45
 1,2-Dichloropropane
 Concen: 0.503 ug/l
 RT: 9.24 min Scan# 2321
 Delta R.T. 0.15 min
 Lab File: VN062161.D
 Acq: 27 Jun 2020 00:40

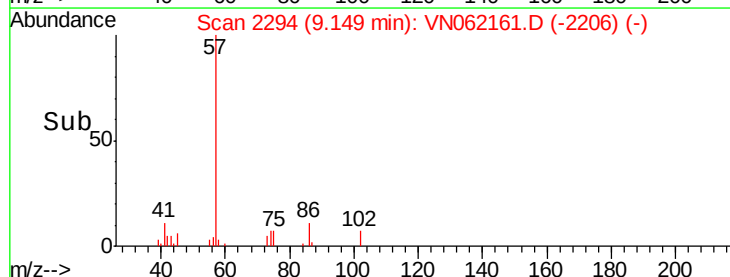
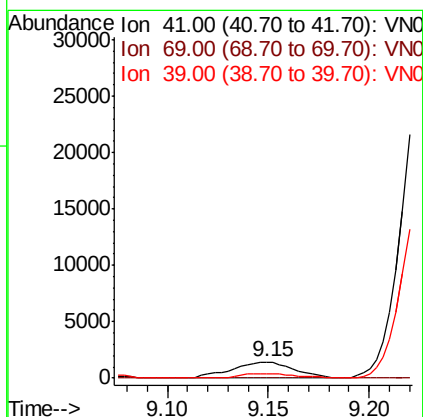
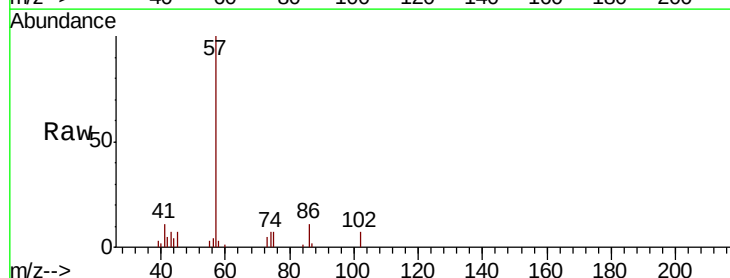
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129781ZHE#02

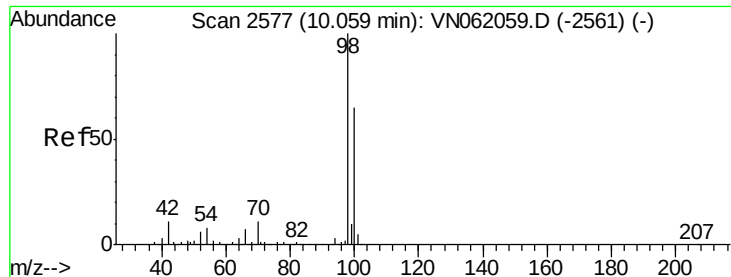
Tot Ion: 63 Resp: 1594
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.4#



#48
 Methyl methacrylate
 Concen: 1.189 ug/l
 RT: 9.15 min Scan# 2294
 Delta R.T. -0.02 min
 Lab File: VN062161.D
 Acq: 27 Jun 2020 00:40

Tgt Ion: 41 Resp: 3030
 Ion Ratio Lower Upper
 41 100
 69 0.0 80.7 121.1#
 39 0.0 54.5 81.7#

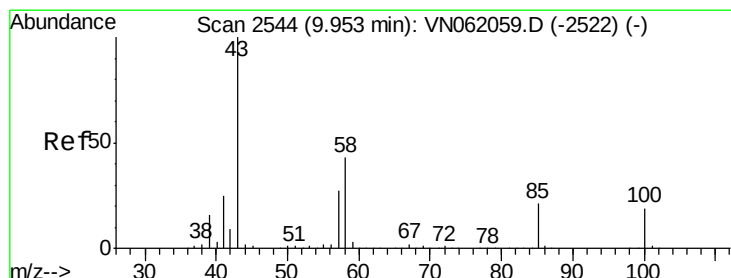
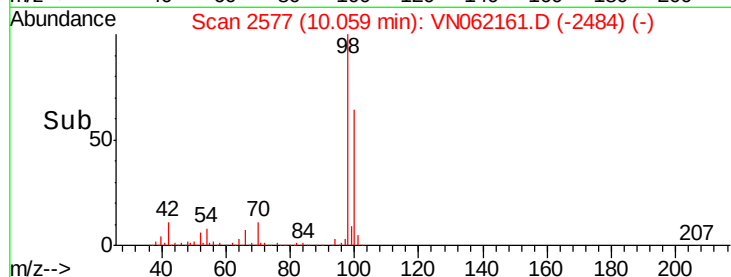
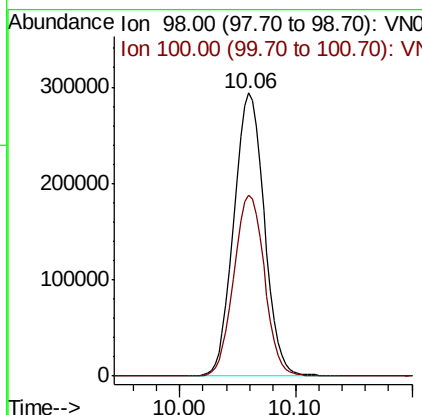
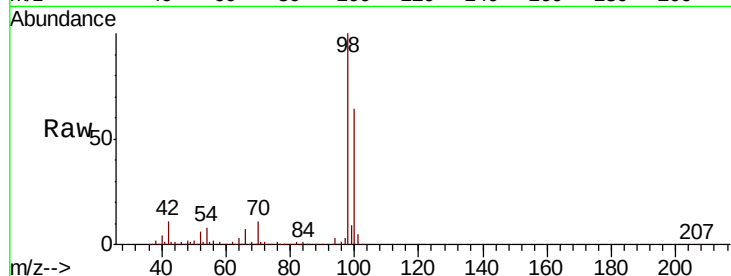




#50
Toluene-d8
Concen: 49.683 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062161.D
Acq: 27 Jun 2020 00:40

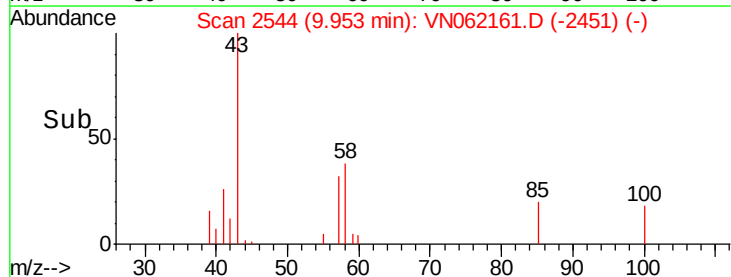
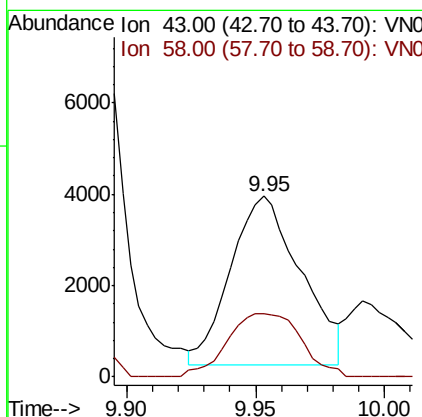
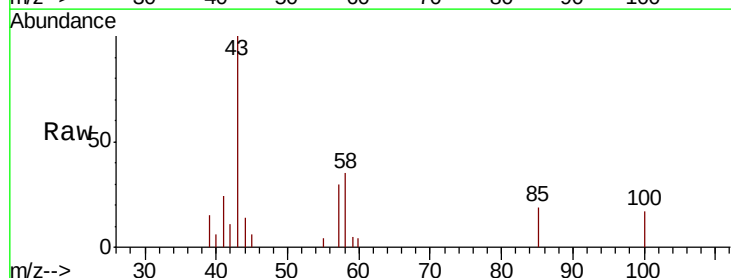
Instrument :
MSVOA_N
ClientSampleId :
PB129781ZHE#02

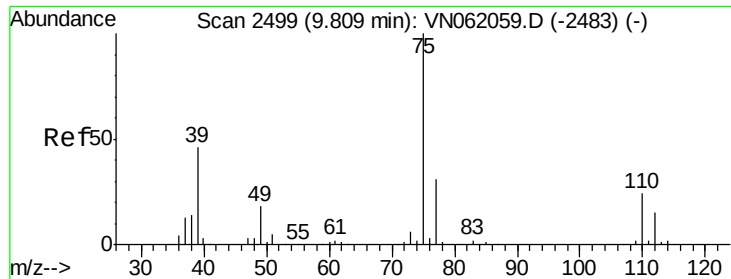
Tot Ion: 98 Resp: 533739
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 2.124 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062161.D
Acq: 27 Jun 2020 00:40

Tgt Ion: 43 Resp: 7055
Ion Ratio Lower Upper
43 100
58 39.3 34.2 51.2

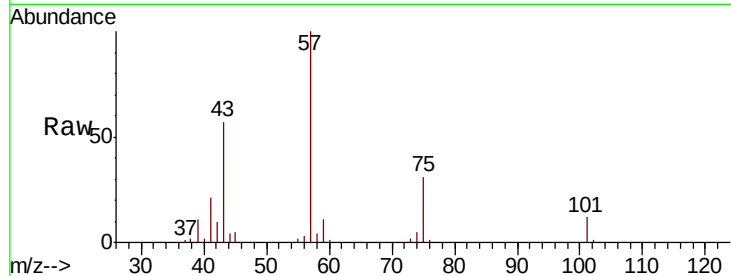




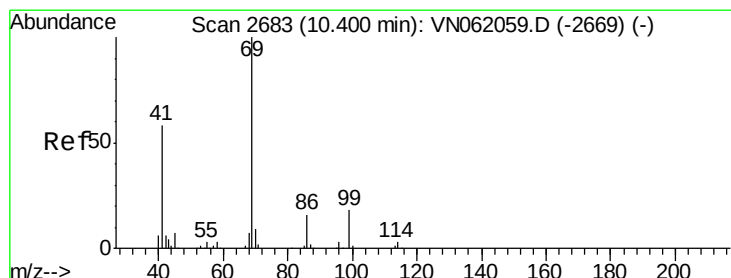
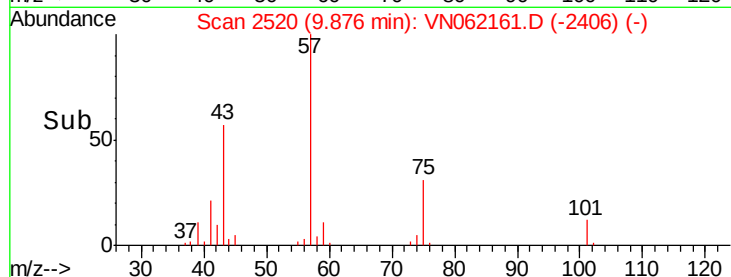
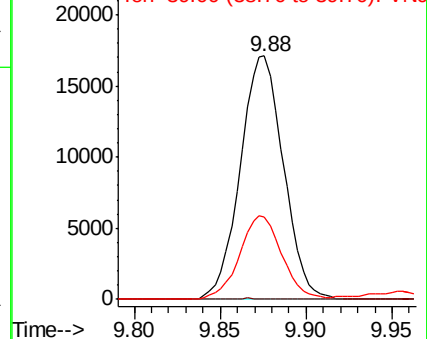
#54
 cis-1,3-Dichloropropene
 Concen: 5.886 ug/l
 RT: 9.88 min Scan# 2520
 Delta R.T. 0.07 min
 Lab File: VN062161.D
 Acq: 27 Jun 2020 00:40

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129781ZHE#02

Tot Ion: 75 Resp: 29885
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.6#
 39 33.8 36.9 55.3#

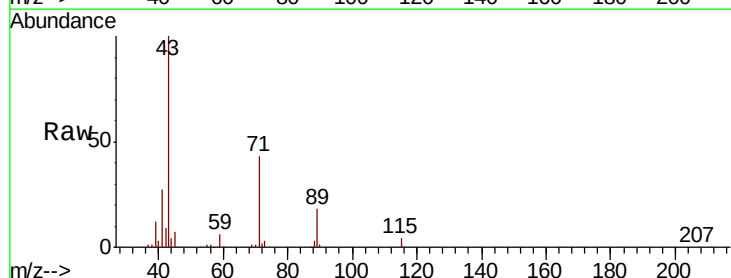


Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 76.90 (76.60 to 77.60): VNO
 Ion 39.00 (38.70 to 39.70): VNO

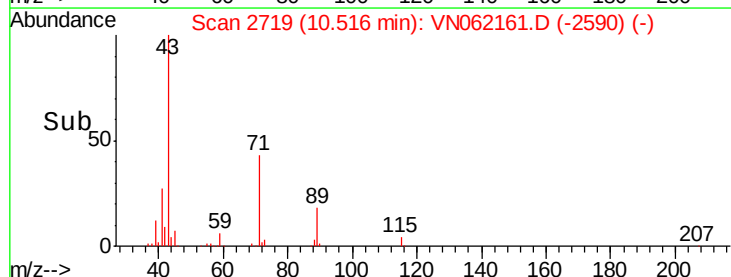
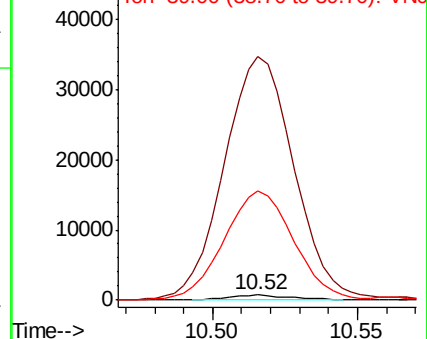


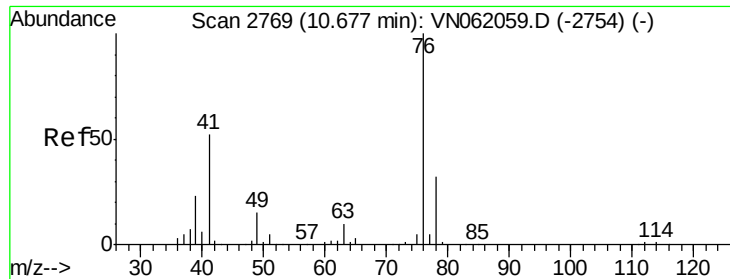
#56
 Ethyl methacrylate
 Concen: 0.257 ug/l
 RT: 10.52 min Scan# 2719
 Delta R.T. 0.12 min
 Lab File: VN062161.D
 Acq: 27 Jun 2020 00:40

Tgt Ion: 69 Resp: 1055
 Ion Ratio Lower Upper
 69 100
 41 5555.1 46.6 70.0#
 39 2473.4 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: 1.069 ug/l

RT: 10.73 min Scan# 2787

Delta R.T. 0.06 min

Lab File: VN062161.D

Acq: 27 Jun 2020 00:40

Instrument :

MSVOA_N

ClientSampleId :

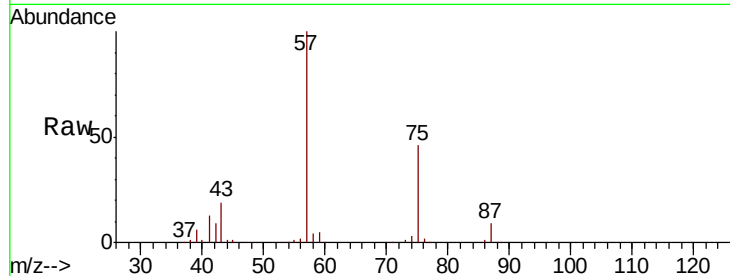
PB129781ZHE#02

Tot Ion: 76 Resp: 5664

Ion Ratio Lower Upper

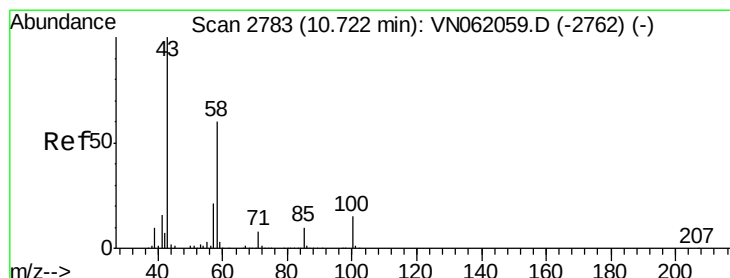
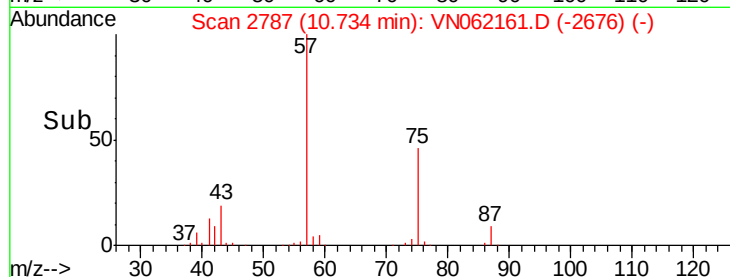
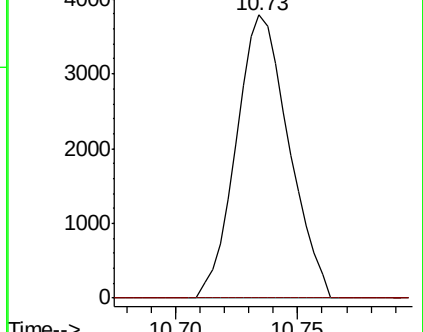
76 100

78 0.0 25.8 38.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 27.556 ug/l

RT: 10.74 min Scan# 2788

Delta R.T. 0.02 min

Lab File: VN062161.D

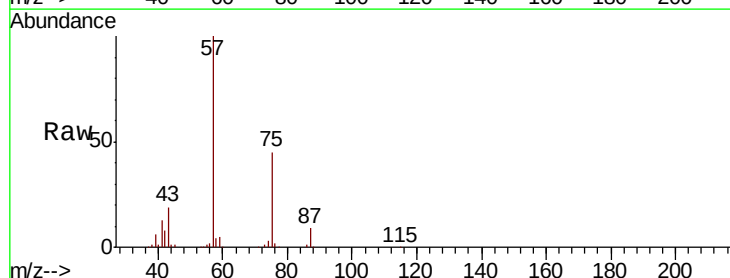
Acq: 27 Jun 2020 00:40

Tgt Ion: 43 Resp: 66078

Ion Ratio Lower Upper

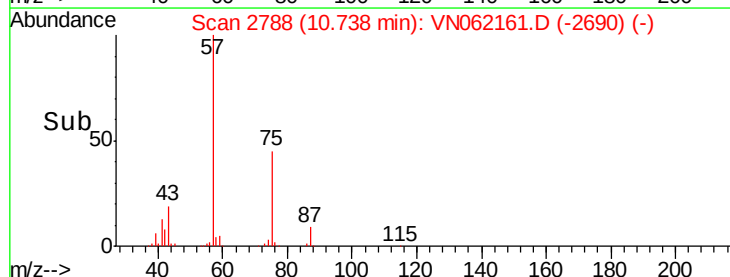
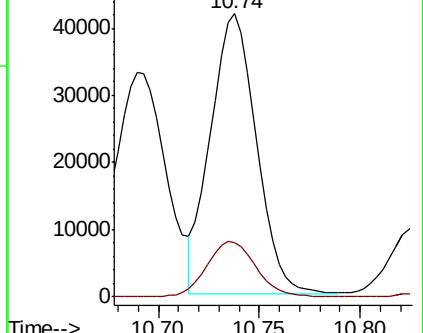
43 100

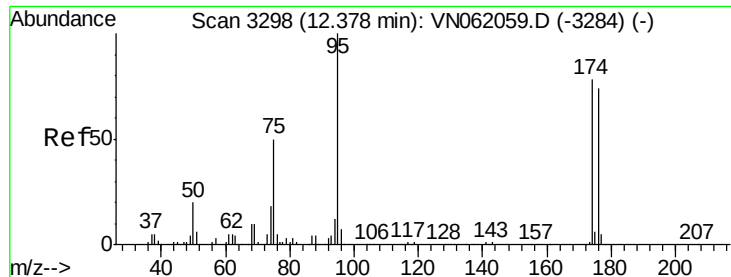
58 21.0 29.5 88.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

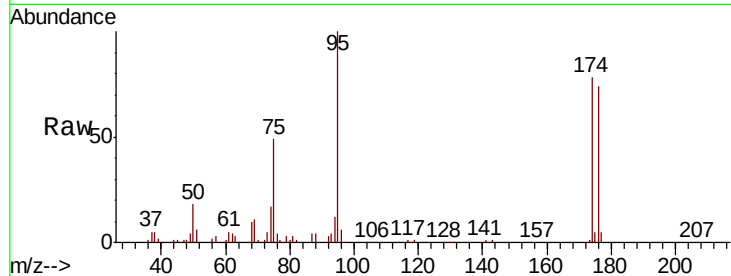




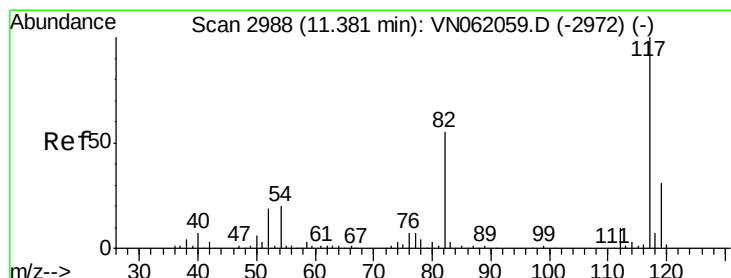
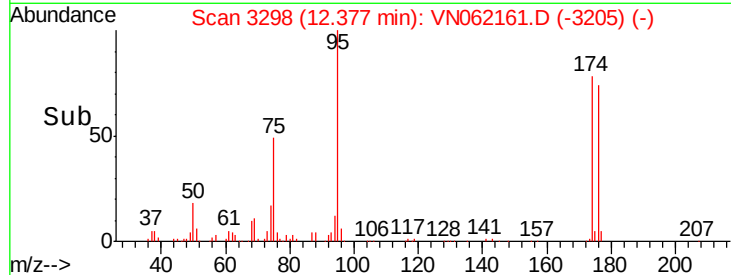
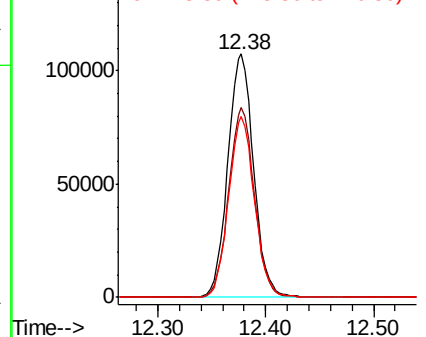
#62
4-Bromofluorobenzene
Concen: 49.438 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062161.D
Acq: 27 Jun 2020 00:40

Instrument :
MSVOA_N
ClientSampleId :
PB129781ZHE#02

Tot Ion: 95 Resp: 179439
Ion Ratio Lower Upper
95 100
174 77.8 0.0 154.8
176 74.0 0.0 147.4

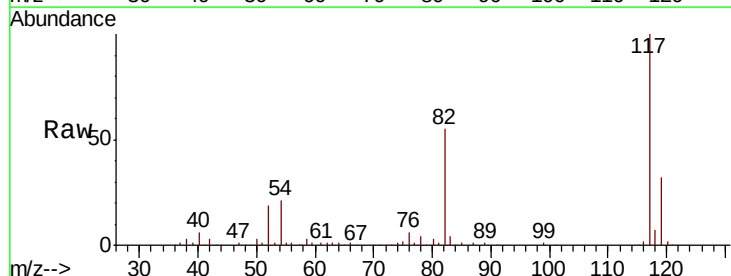


Abundance Ion 94.90 (94.60 to 95.60): VN062059.D (-3284) (-)
Ion 173.80 (173.50 to 174.50): VN062059.D (-3284) (-)
Ion 175.80 (175.50 to 176.50): VN062059.D (-3284) (-)

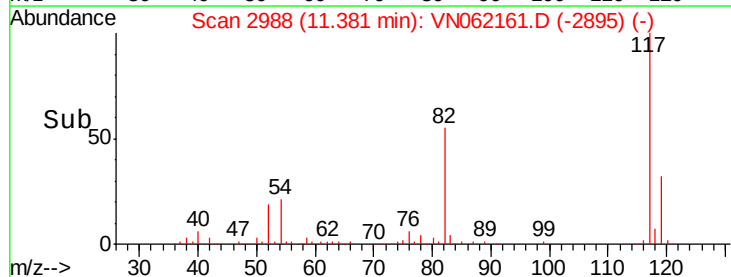
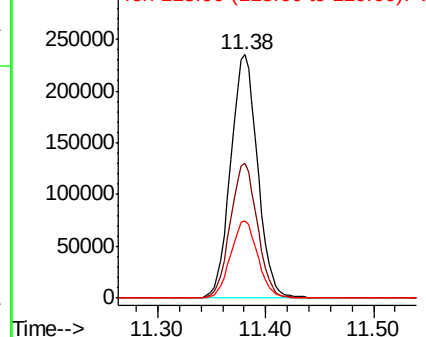


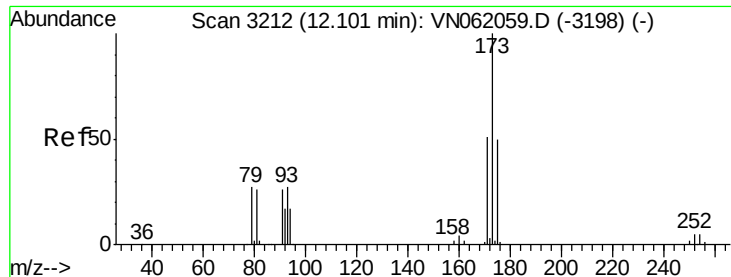
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062161.D
Acq: 27 Jun 2020 00:40

Tgt Ion: 117 Resp: 409007
Ion Ratio Lower Upper
117 100
82 55.3 43.8 65.8
119 31.6 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: 0.736 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN062161.D

Acq: 27 Jun 2020 00:40

Instrument :

MSVOA_N

ClientSampleId :

PB129781ZHE#02

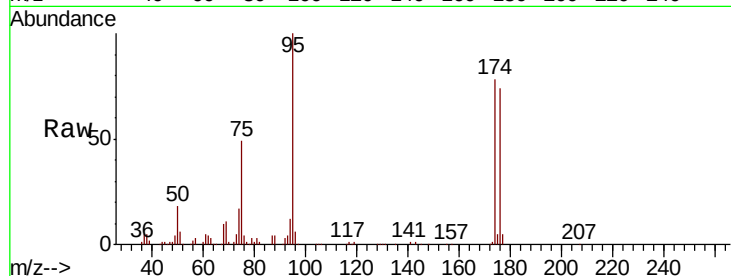
Tot Ion:173 Resp: 1626

Ion Ratio Lower Upper

173 100

175 527.1 24.7 74.1#

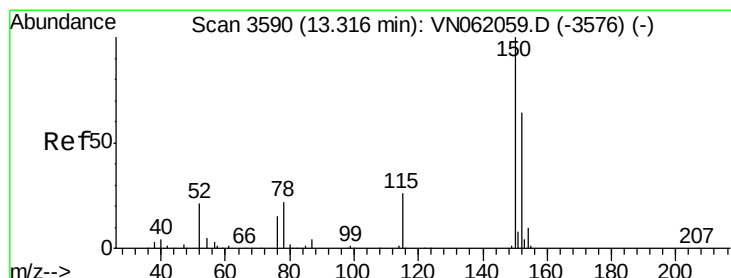
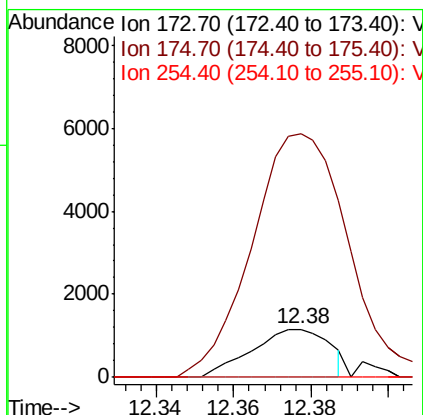
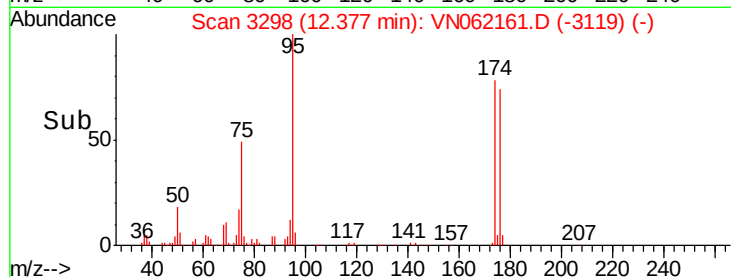
254 0.0 0.0 0.0



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: VN062161.D

Acq: 27 Jun 2020 00:40

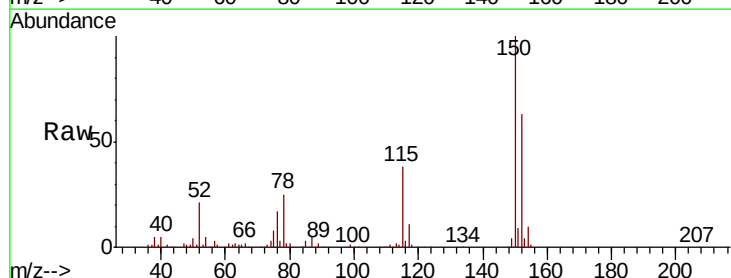
Tgt Ion:152 Resp: 152824

Ion Ratio Lower Upper

152 100

115 59.3 29.5 88.5

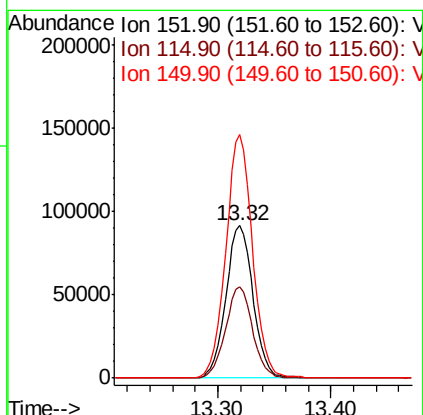
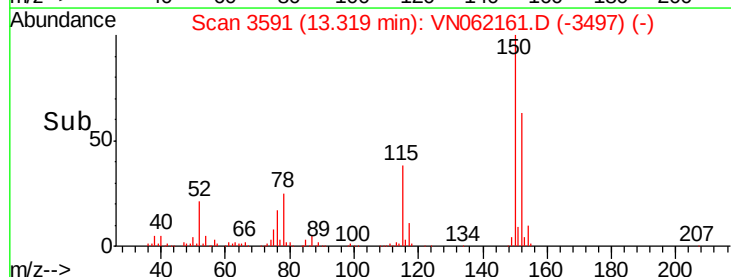
150 156.5 0.0 351.4

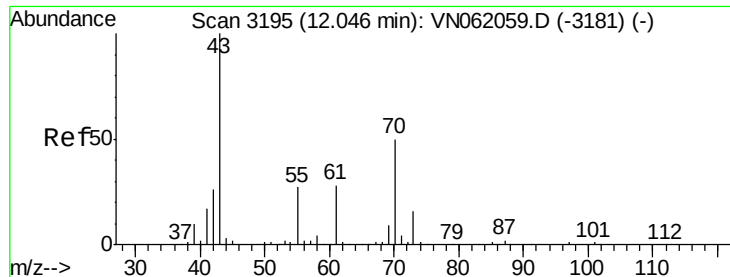


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 3.648 ug/l

RT: 12.00 min Scan# 3182

Delta R.T. -0.04 min

Lab File: VN062161.D

Acq: 27 Jun 2020 00:40

Instrument :

MSVOA_N

ClientSampleId :

PB129781ZHE#02

Tot Ion: 43 Resp: 1425

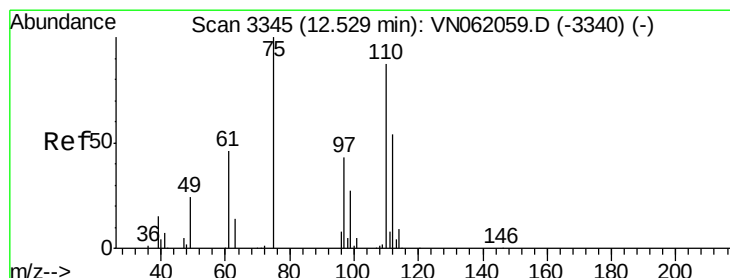
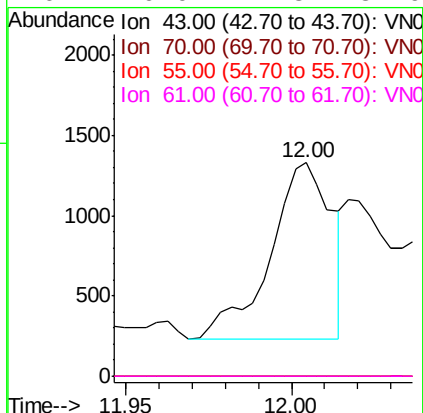
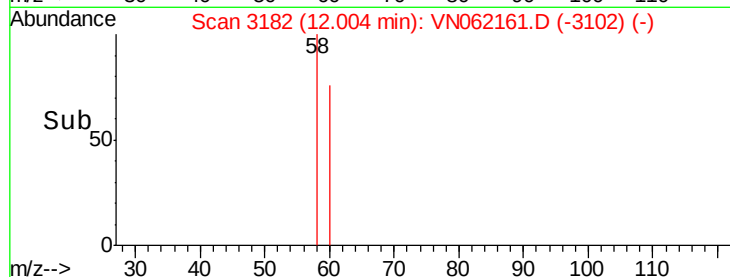
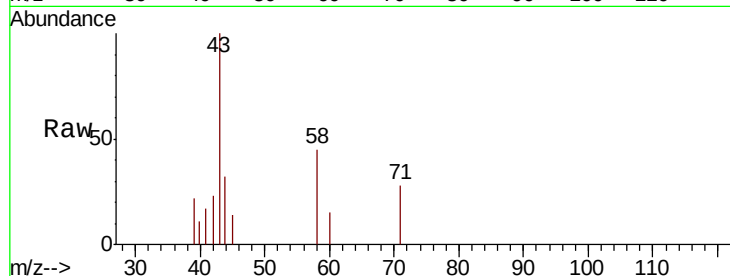
Ion Ratio Lower Upper

43 100

70 0.0 39.4 59.2#

55 0.0 21.7 32.5#

61 0.0 21.3 31.9#



#76

1,2,3-Trichloropropane

Concen: 24.837 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062161.D

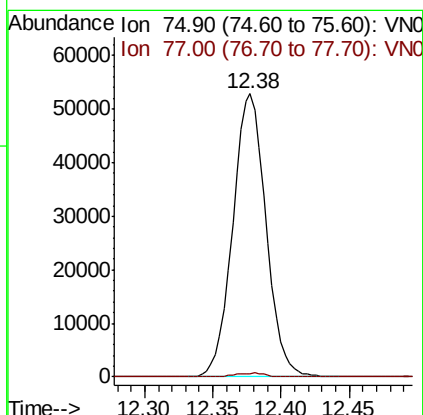
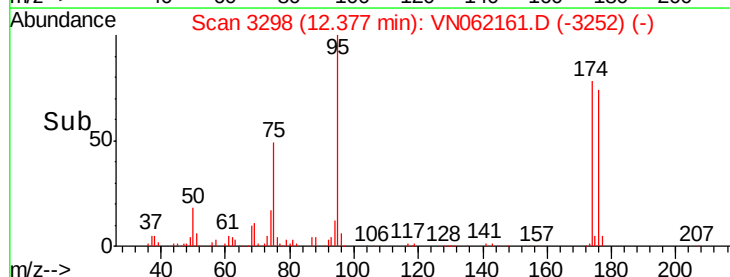
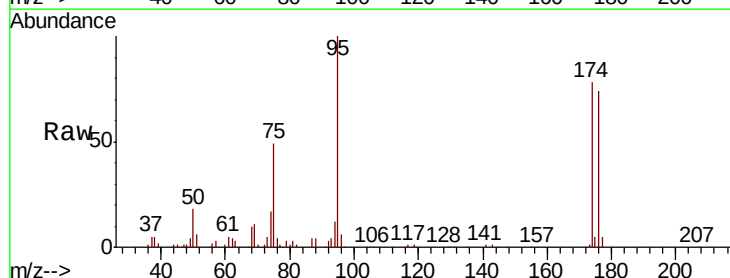
Acq: 27 Jun 2020 00:40

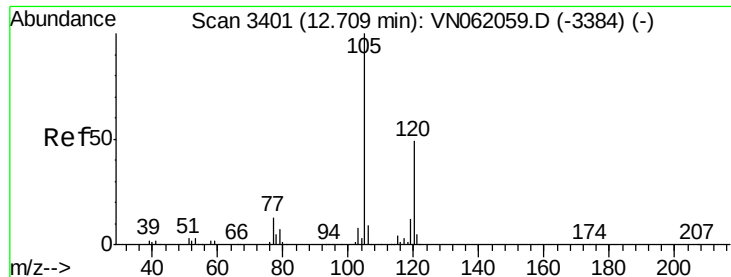
Tgt Ion: 75 Resp: 89355

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#80

1,3,5-Trimethylbenzene

Concen: 0.384 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062161.D

Acq: 27 Jun 2020 00:40

Instrument :

MSVOA_N

ClientSampleId :

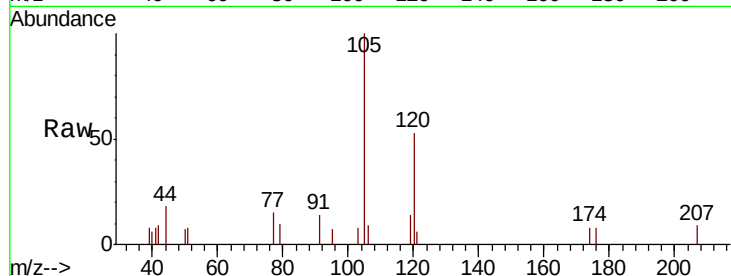
PB129781ZHE#02

Tot Ion:105 Resp: 3678

Ion Ratio Lower Upper

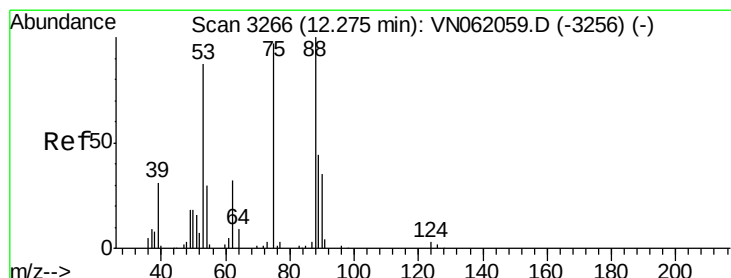
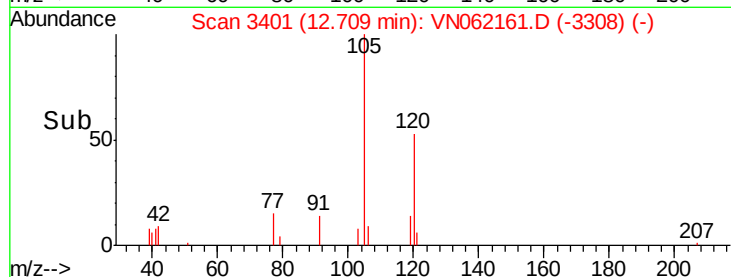
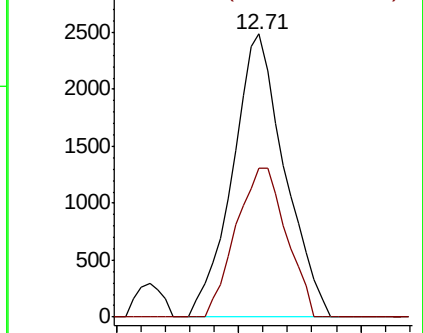
105 100

120 51.0 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: 72.534 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062161.D

Acq: 27 Jun 2020 00:40

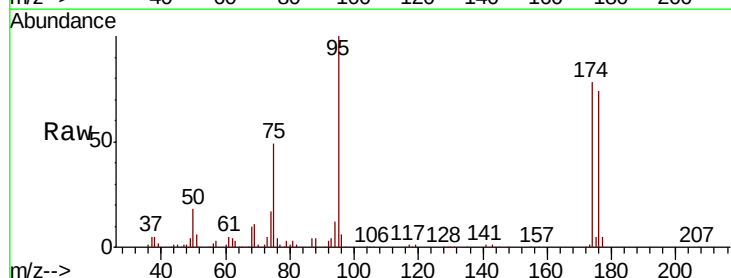
Tgt Ion: 75 Resp: 89355

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

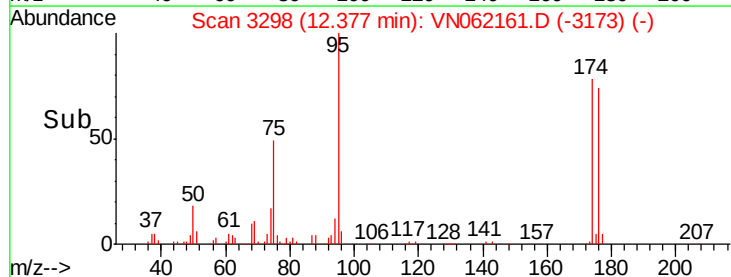
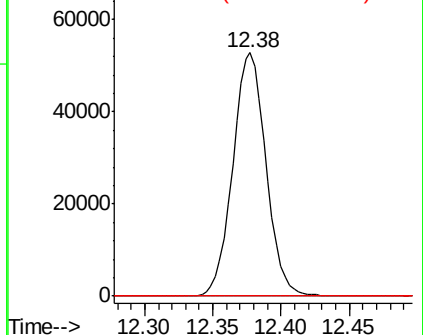
89 0.0 36.9 55.3#

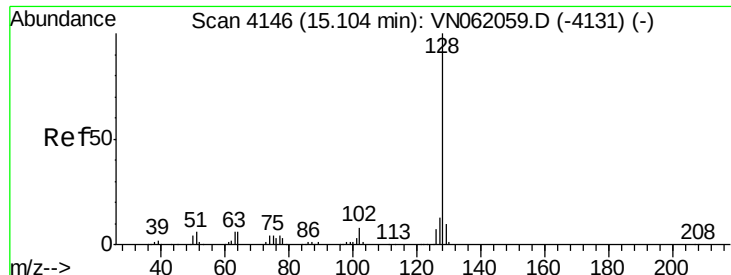


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#95
Naphthalene
Concen: 4.115 ug/l
RT: 15.11 min Scan# 4148
Delta R.T. 0.01 min
Lab File: VN062161.D
Acq: 27 Jun 2020 00:40

Instrument :
MSVOA_N
ClientSampleId :
PB129781ZHE#02

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

