

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080320\
 Data File : VN062744.D
 Acq On : 3 Aug 2020 18:38
 Operator : JC/MD
 Sample : L3537-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JTY1-WC-S-01

Quant Time: Aug 04 03:35:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	119260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	220559	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	222858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	79438	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	105491	56.94	ug/l	0.00
Spiked Amount			Recovery	=	113.88%	
35) Dibromofluoromethane	7.55	113	73300	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	
50) Toluene-d8	10.06	98	287352	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.38	95	105864	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	

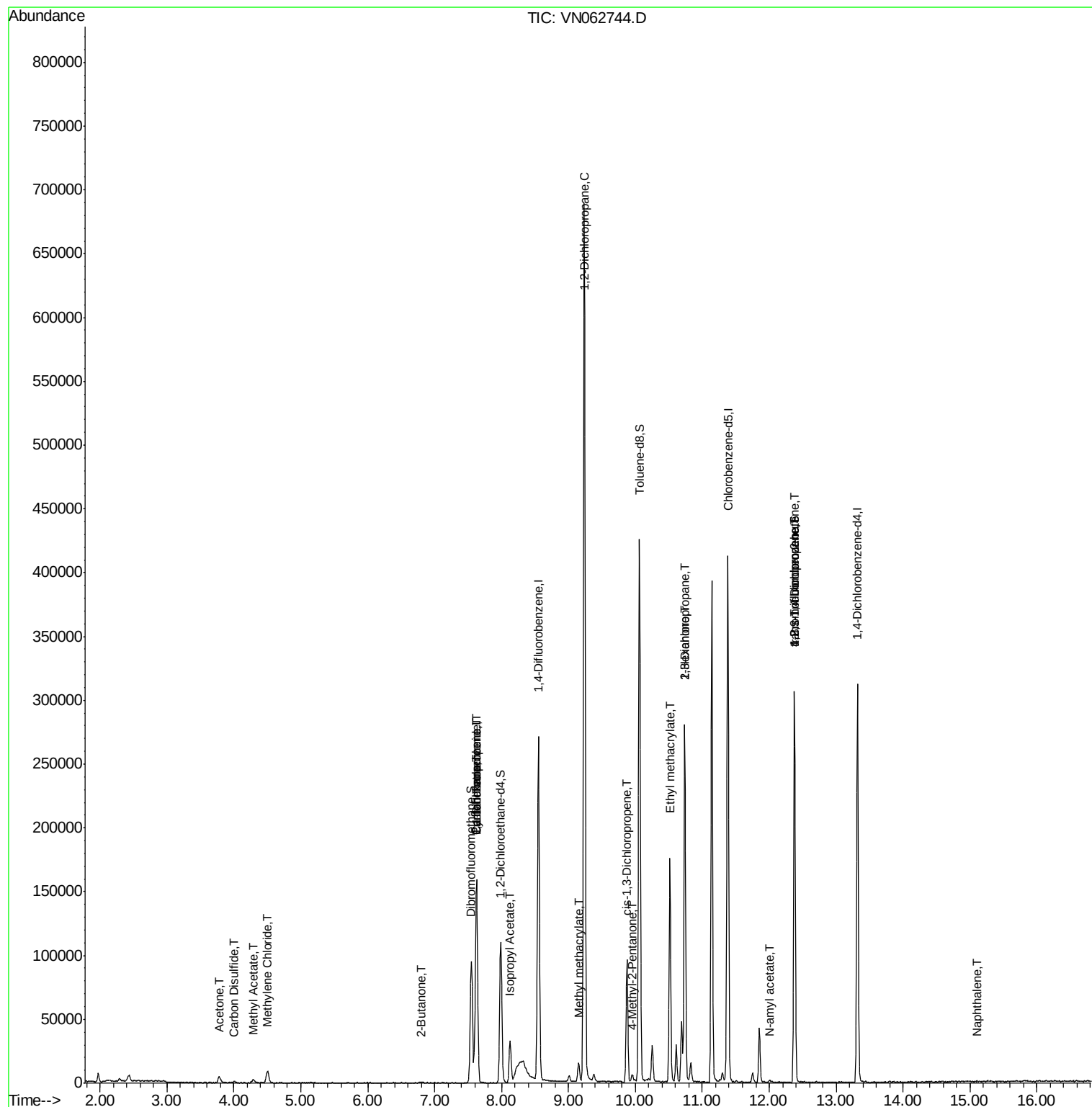
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	9017	12.934	ug/l	95
17) Carbon Disulfide	4.00	76	1803	0.430	ug/l #	75
18) Methyl Acetate	4.28	43	5001	2.834	ug/l #	85
20) Methylene Chloride	4.50	84	6613	3.955	ug/l	96
25) 2-Butanone	6.79	43	417	0.393	ug/l #	52
31) Cyclohexane	7.63	56	2749	1.007	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	10440	4.441	ug/l #	50
38) Carbon Tetrachloride	7.63	117	13585	6.012	ug/l #	16
43) Isopropyl Acetate	8.13	43	38630	9.456	ug/l #	90
45) 1,2-Dichloropropane	9.24	63	956	0.478	ug/l #	44
48) Methyl methacrylate	9.15	41	2069	1.065	ug/l #	15
51) 4-Methyl-2-Pentanone	9.95	43	3142	1.285	ug/l	94
54) cis-1,3-Dichloropropene	9.87	75	16573	5.545	ug/l #	65
56) Ethyl methacrylate	10.51	69	841	2.051	ug/l #	1
57) 1,3-Dichloropropane	10.74	76	2615	0.890	ug/l #	42
59) 2-Hexanone	10.74	43	41065	24.425	ug/l #	53
74) N-amyl acetate	12.01	43	1825	0.651	ug/l #	45
76) 1,2,3-Trichloropropane	12.38	75	59549	29.451	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	59549	81.984	ug/l #	12
95) Naphthalene	15.10	128	193	3.812	ug/l #	69

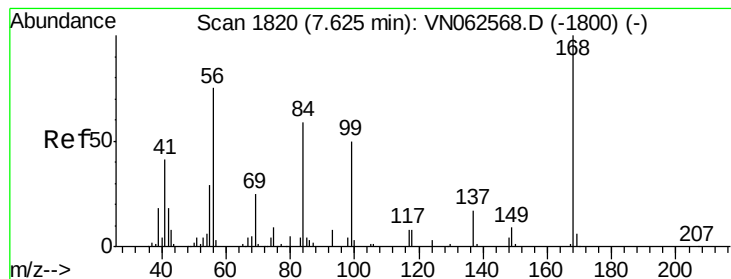
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062744.D

Acq: 3 Aug 2020 18:38

Instrument :

MSVOA_N

ClientSampleId :

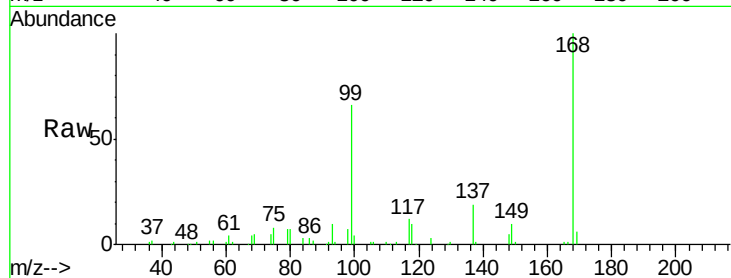
JTY1-WC-S-01

Tot Ion:168 Resp: 119260

Ion Ratio Lower Upper

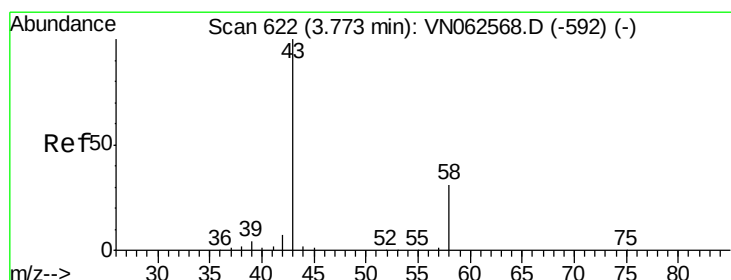
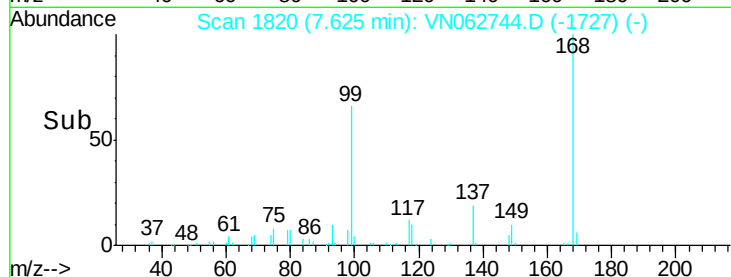
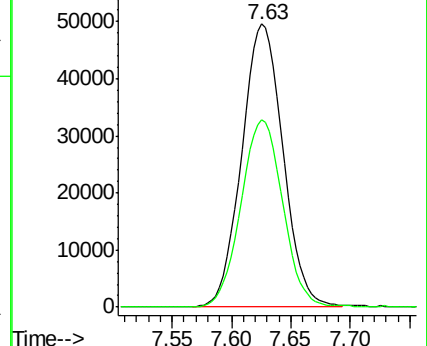
168 100

99 66.0 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 12.934 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062744.D

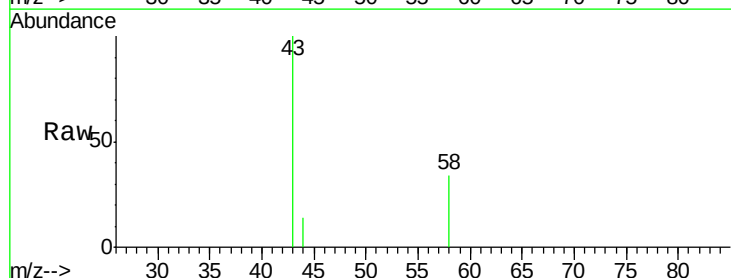
Acq: 3 Aug 2020 18:38

Tgt Ion: 43 Resp: 9017

Ion Ratio Lower Upper

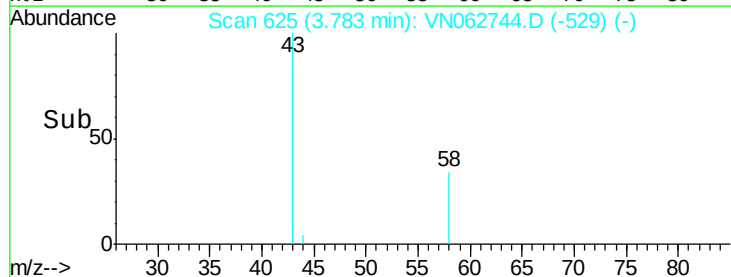
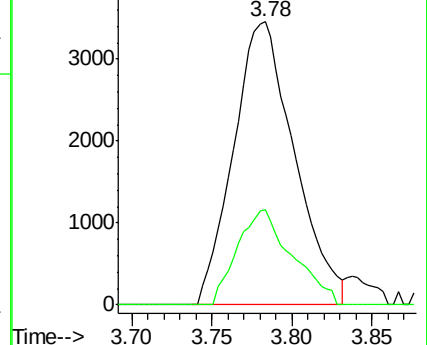
43 100

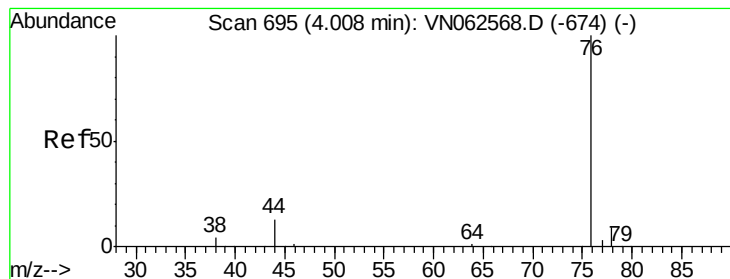
58 33.5 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#17

Carbon Disulfide

Concen: 0.430 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN062744.D

Acq: 3 Aug 2020 18:38

Instrument :

MSVOA_N

ClientSampled :

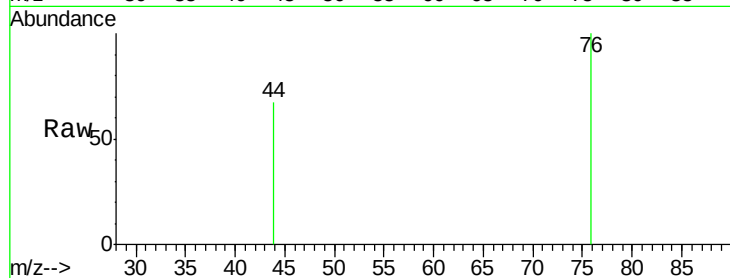
JTY1-WC-S-01

Tot Ion: 76 Resp: 1803

Ion Ratio Lower Upper

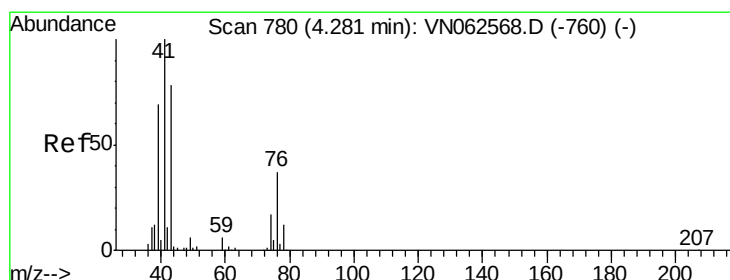
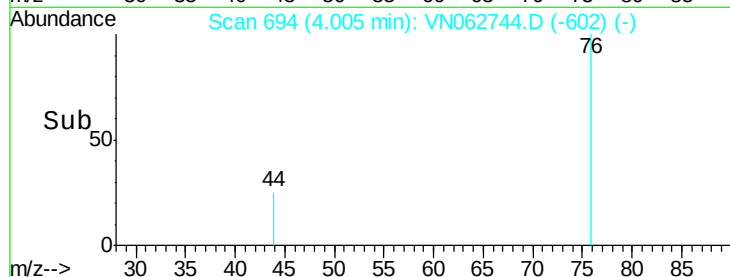
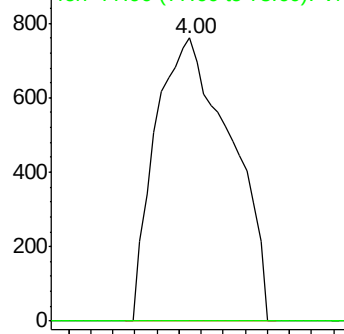
76 100

78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 2.834 ug/l

RT: 4.28 min Scan# 781

Delta R.T. 0.00 min

Lab File: VN062744.D

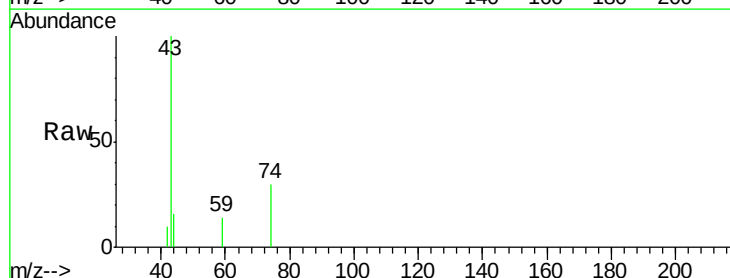
Acq: 3 Aug 2020 18:38

Tgt Ion: 43 Resp: 5001

Ion Ratio Lower Upper

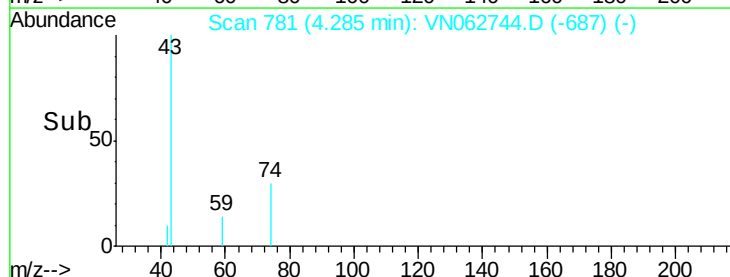
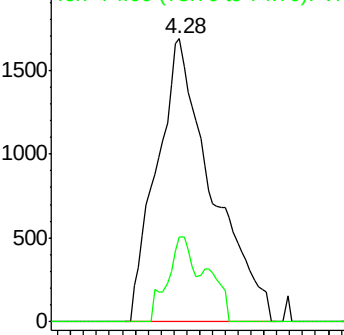
43 100

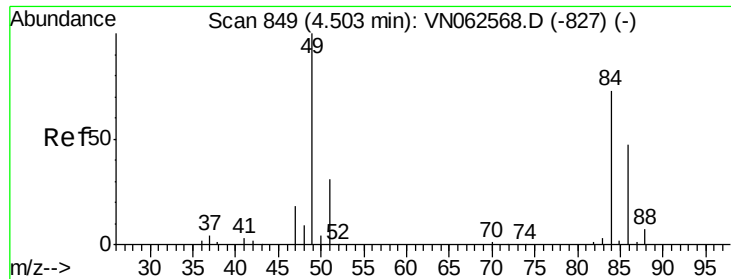
74 13.6 16.6 24.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

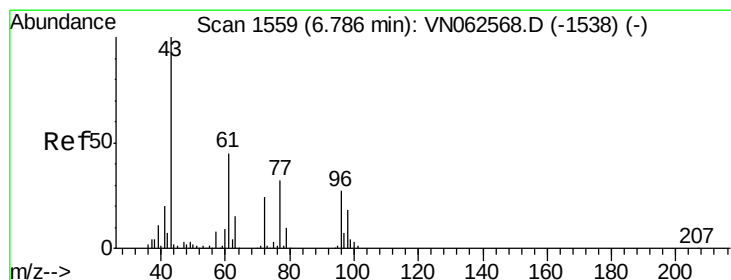
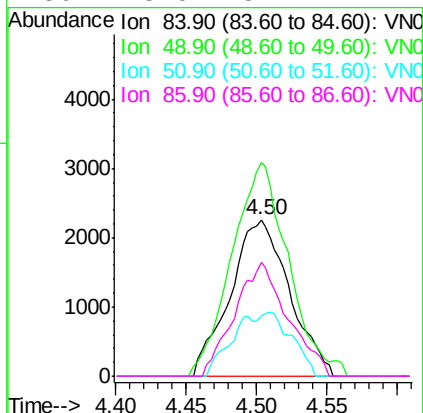
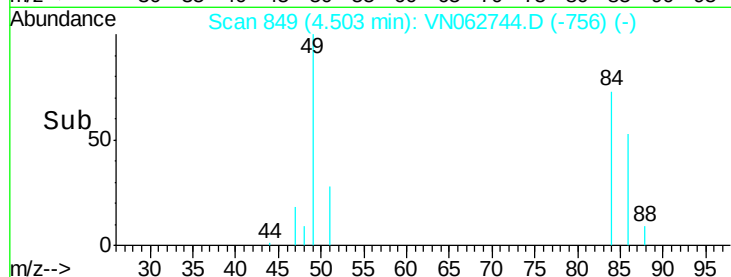
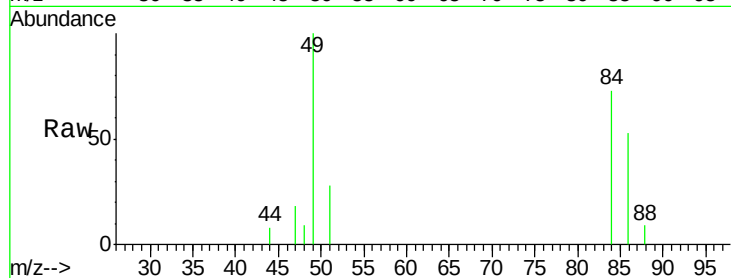




#20
Methvlene Chloride
Concen: 3.955 ug/l
RT: 4.50 min Scan# 849
Delta R.T. -0.00 min
Lab File: VN062744.D
Acq: 3 Aug 2020 18:38

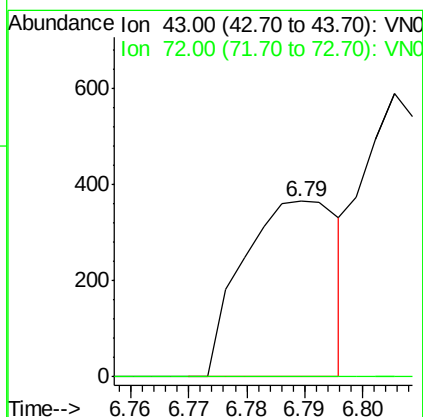
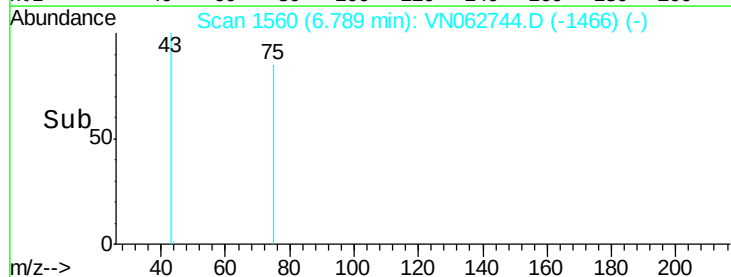
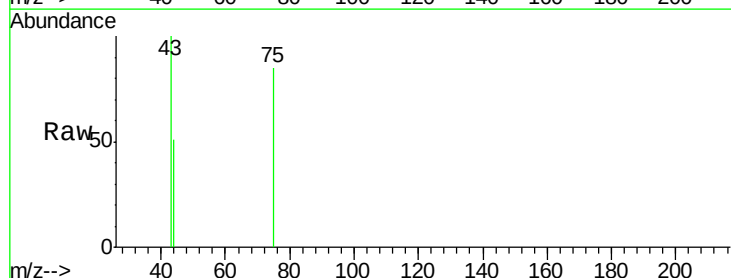
Instrument :
MSVOA_N
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JTY1-WC-S-01

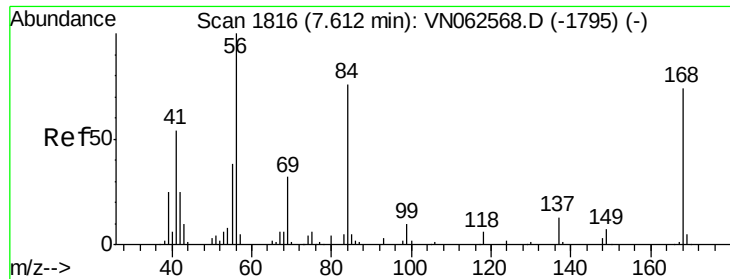
Tot Ion:	84	Resp:	6613
Ion	Ratio	Lower	Upper
84	100		
49	136.6	109.4	164.0
51	38.1	33.6	50.4
86	73.0	51.4	77.2



#25
2-Butanone
Concen: 0.393 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VN062744.D
Acq: 3 Aug 2020 18:38

Tgt Ion:	43	Resp:	417
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.0	28.6#

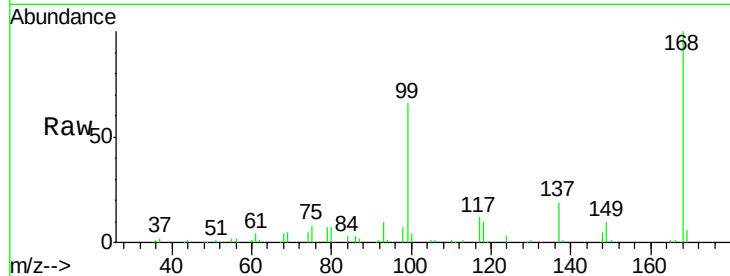




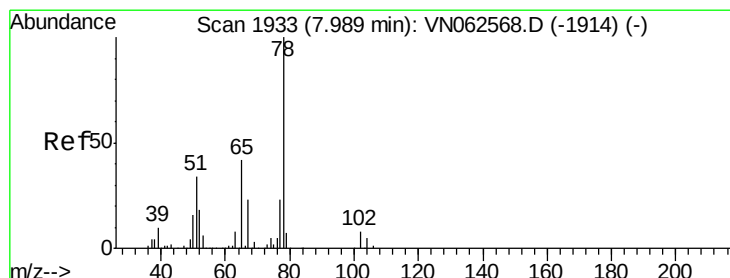
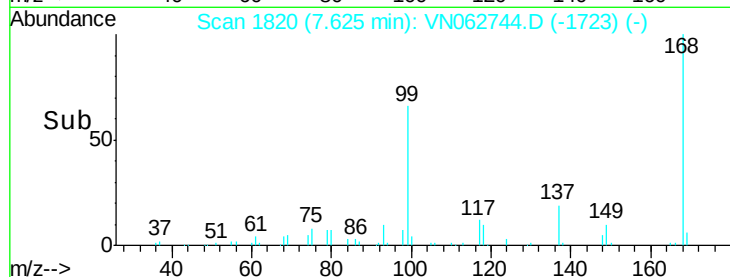
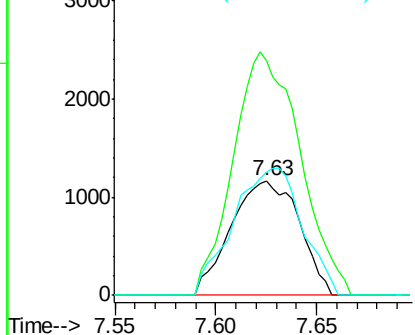
#31
Cyclohexane
Concen: 1.007 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN062744.D
Acq: 3 Aug 2020 18:38

Instrument :
MSVOA_N
ClientSampleId :
JTY1-WC-S-01

Tot Ion: 56 Resp: 2749
Ion Ratio Lower Upper
56 100
69 205.2 25.3 37.9#
84 107.6 61.0 91.4#

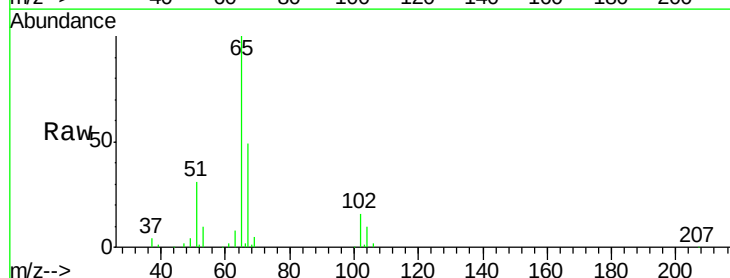


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

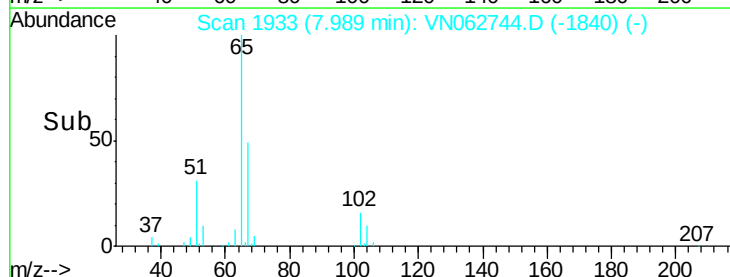
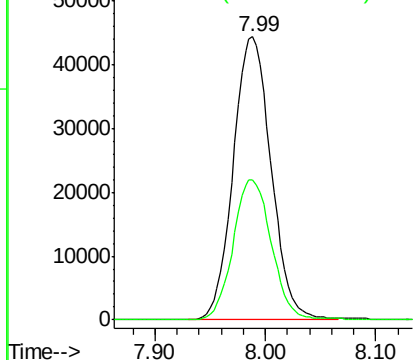


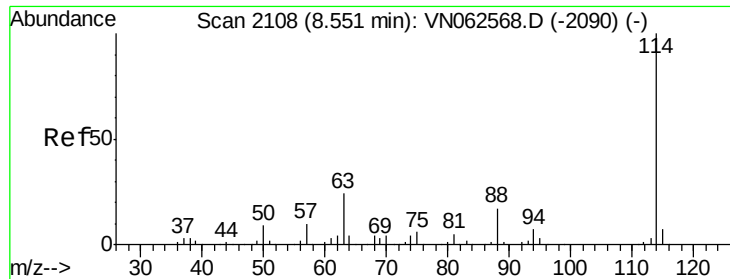
#33
1,2-Dichloroethane-d4
Concen: 56.941 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN062744.D
Acq: 3 Aug 2020 18:38

Tgt Ion: 65 Resp: 105491
Ion Ratio Lower Upper
65 100
67 49.9 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

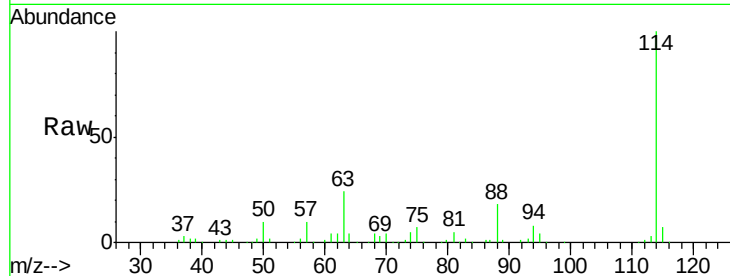




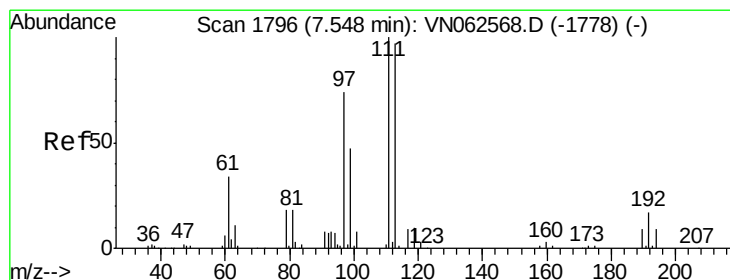
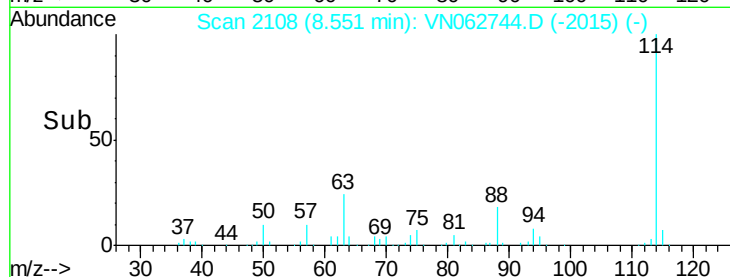
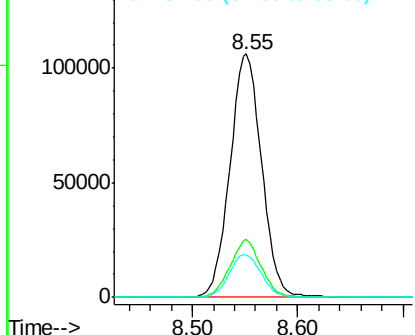
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062744.D
Acq: 3 Aug 2020 18:38

Instrument :
MSVOA_N
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JTY1-WC-S-01

Tot Ion:114 Resp: 220559
Ion Ratio Lower Upper
114 100
63 23.8 0.0 48.4
88 17.7 0.0 33.8

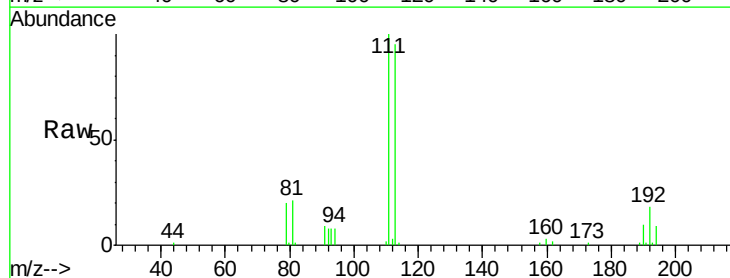


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

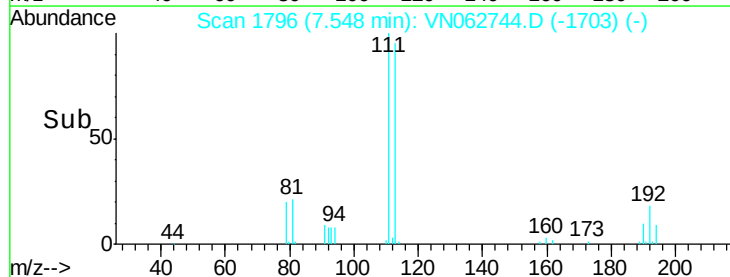
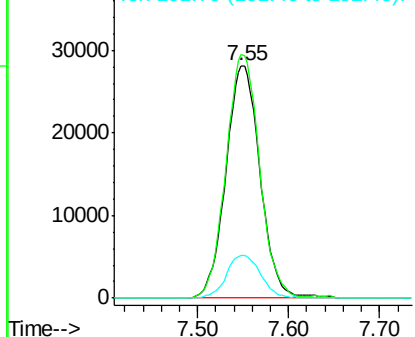


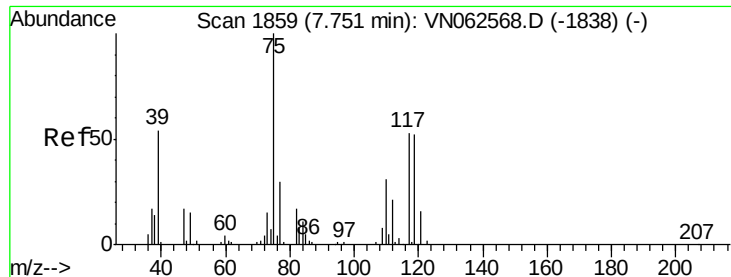
#35
Dibromofluoromethane
Concen: 50.595 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062744.D
Acq: 3 Aug 2020 18:38

Tgt Ion:113 Resp: 73300
Ion Ratio Lower Upper
113 100
111 102.9 82.7 124.1
192 18.4 14.8 22.2



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





#36

1,1-Dichloropropene

Concen: 4.441 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.13 min

Lab File: VN062744.D

Acq: 3 Aug 2020 18:38

Instrument :

MSVOA_N

ClientSampleId :

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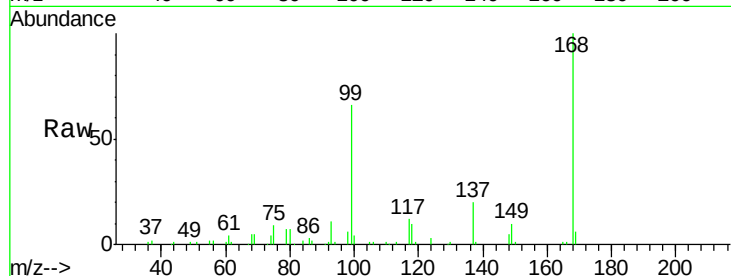
Tot Ion: 75 Resp: 10440

Ion Ratio Lower Upper

75 100

110 7.6 16.0 48.0#

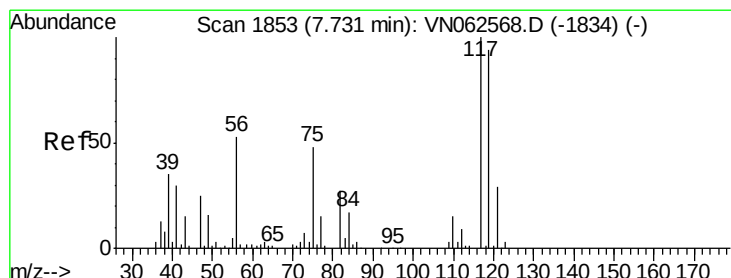
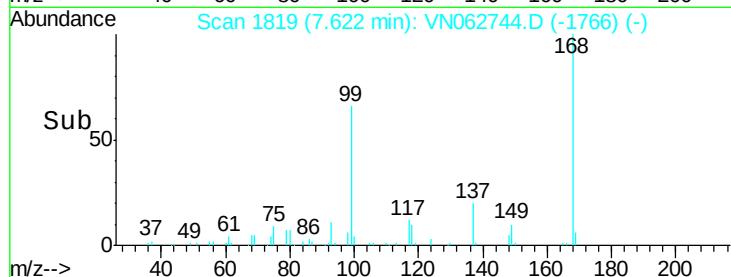
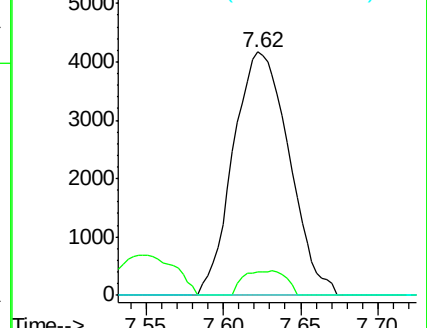
77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VN062568.D (-1838) (-)

Ion 109.90 (109.60 to 110.60): VN062568.D (-1838) (-)

Ion 76.90 (76.60 to 77.60): VN062568.D (-1838) (-)



#38

Carbon Tetrachloride

Concen: 6.012 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN062744.D

Acq: 3 Aug 2020 18:38

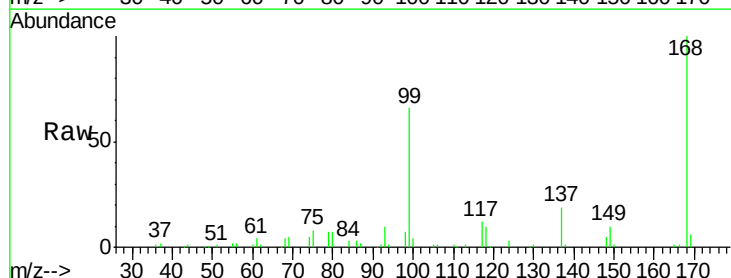
Tgt Ion: 117 Resp: 13585

Ion Ratio Lower Upper

117 100

119 4.1 74.8 112.2#

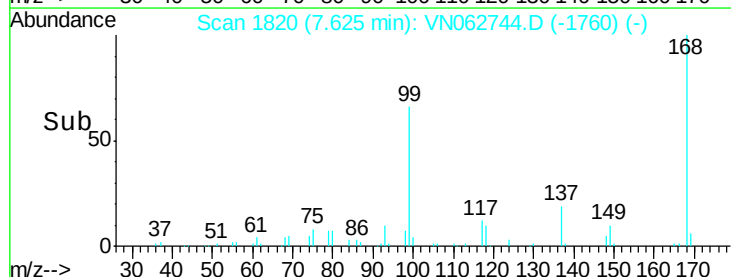
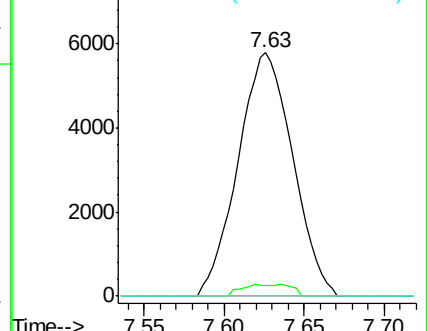
121 0.0 23.0 34.6#

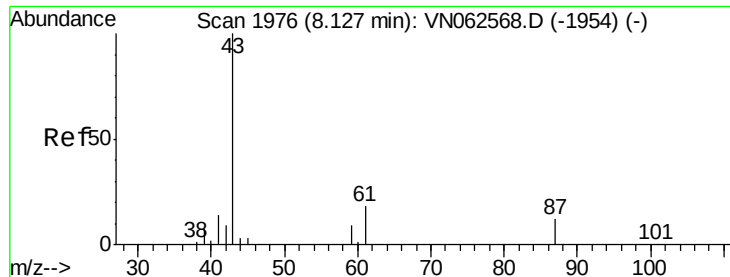


Abundance Ion 116.80 (116.50 to 117.50): VN062568.D (-1834) (-)

Ion 118.80 (118.50 to 119.50): VN062568.D (-1834) (-)

Ion 120.80 (120.50 to 121.50): VN062568.D (-1834) (-)





#43

Isopropyl Acetate

Concen: 9.456 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062744.D

Acq: 3 Aug 2020 18:38

Instrument :

MSVOA_N

ClientSampleId :

JTY1-WC-S-01

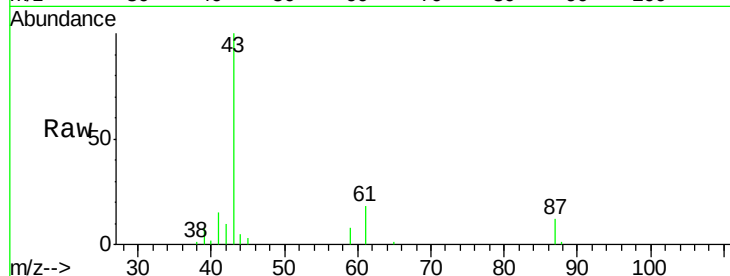
Tot Ion: 43 Resp: 38630

Ion Ratio Lower Upper

43 100

61 18.9 20.8 31.2#

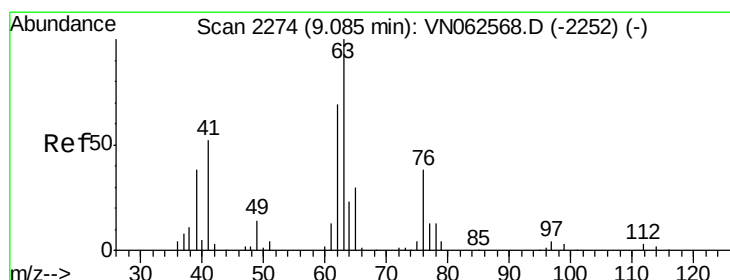
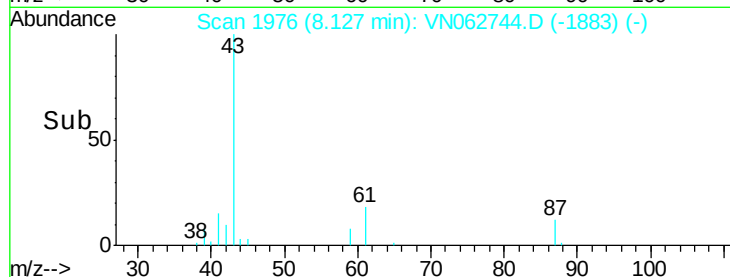
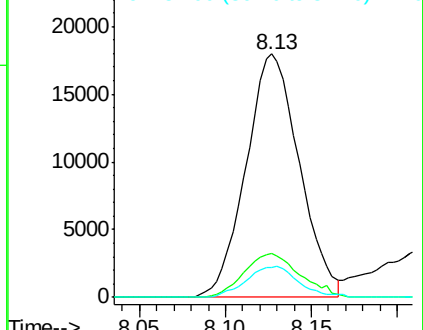
87 12.3 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN062744.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062744.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062744.D (-1883) (-)



#45

1,2-Dichloropropane

Concen: 0.478 ug/l

RT: 9.24 min Scan# 2323

Delta R.T. 0.16 min

Lab File: VN062744.D

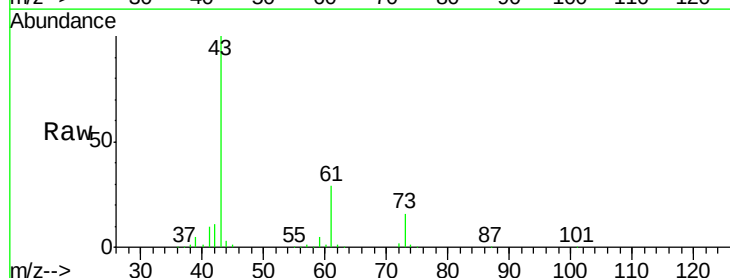
Acq: 3 Aug 2020 18:38

Tgt Ion: 63 Resp: 956

Ion Ratio Lower Upper

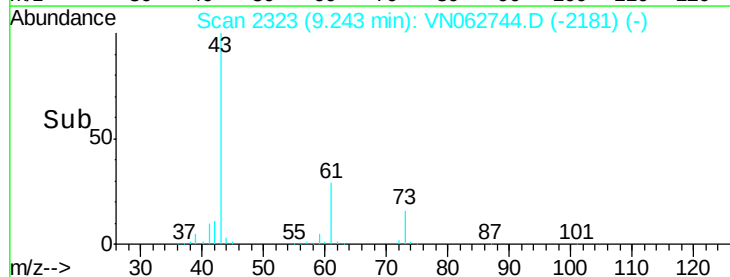
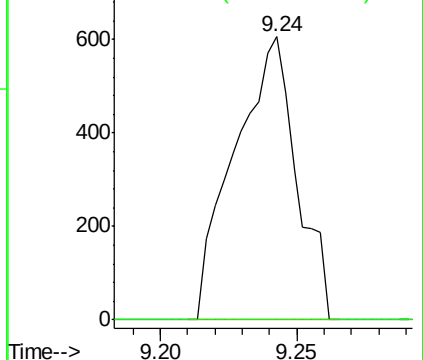
63 100

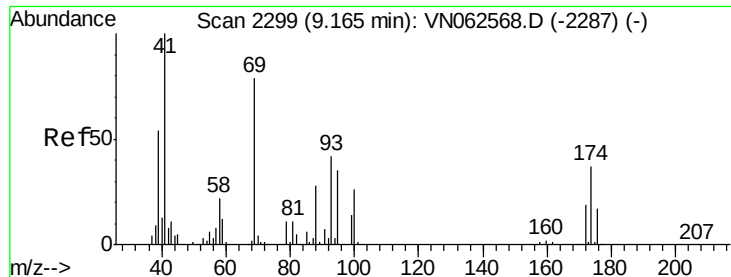
65 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN062744.D (-2181) (-)

Ion 64.90 (64.60 to 65.60): VN062744.D (-2181) (-)





#48

Methvl methacrylate

Concen: 1.065 ug/l

RT: 9.15 min Scan# 2295

Delta R.T. -0.01 min

Lab File: VN062744.D

Acq: 3 Aug 2020 18:38

Instrument :

MSVOA_N

ClientSampleId :

JTY1-WC-S-01

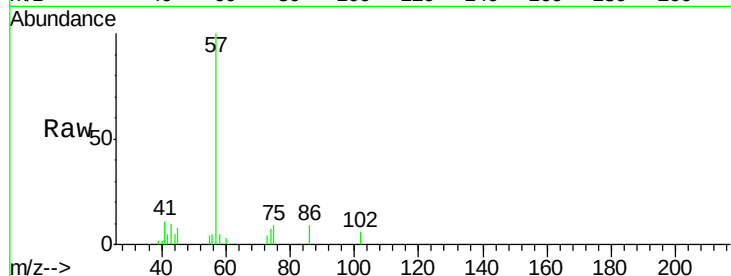
Tot Ion: 41 Resp: 2069

Ion Ratio Lower Upper

41 100

69 0.0 64.4 96.6#

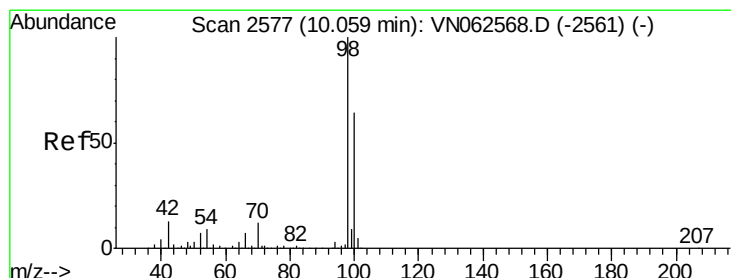
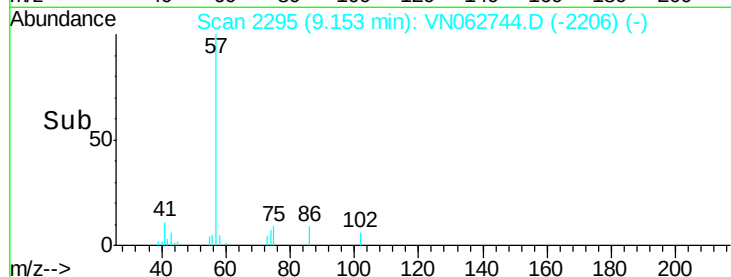
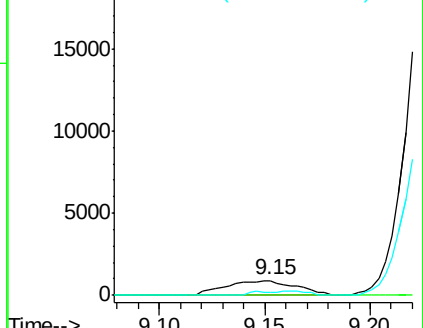
39 0.0 43.5 65.3#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#50

Toluene-d8

Concen: 49.711 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062744.D

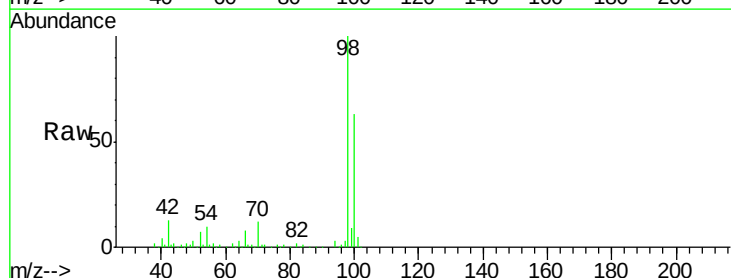
Acq: 3 Aug 2020 18:38

Tgt Ion: 98 Resp: 287352

Ion Ratio Lower Upper

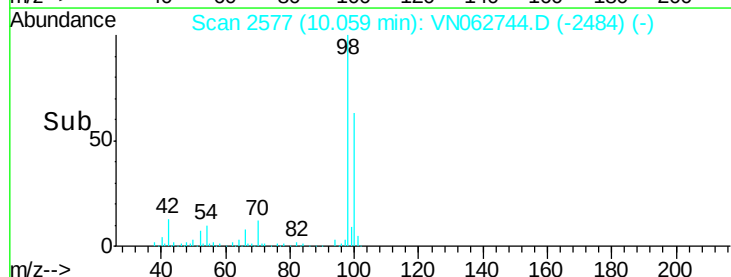
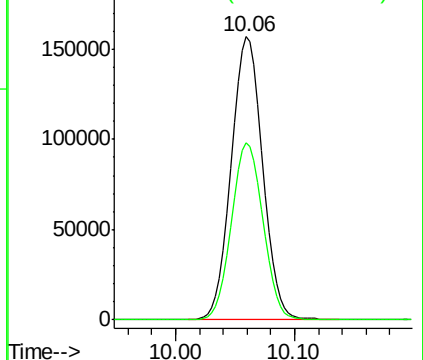
98 100

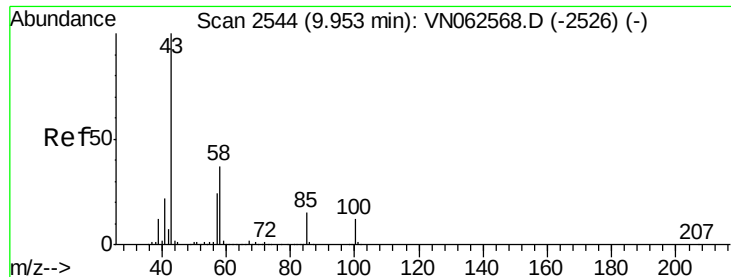
100 62.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

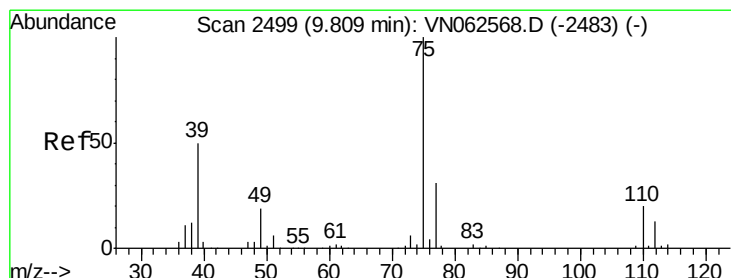
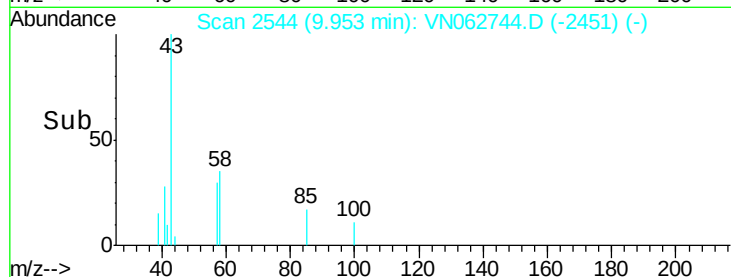
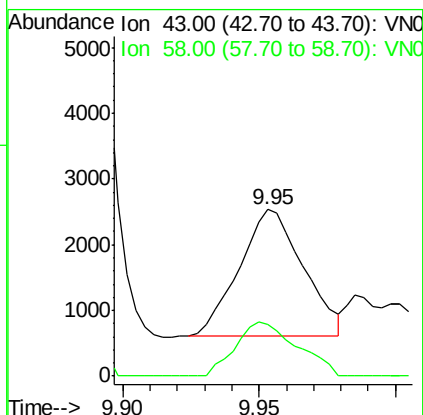
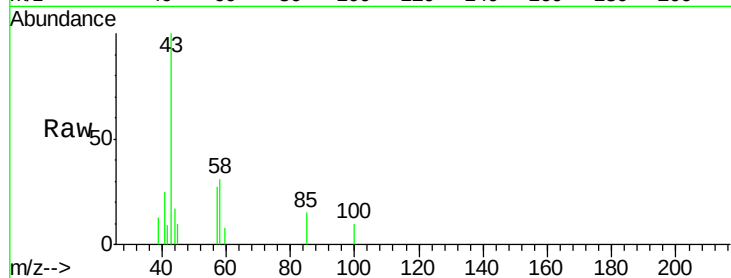




#51
 4-Methyl-2-Pentanone
 Concen: 1.285 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062744.D
 Acq: 3 Aug 2020 18:38

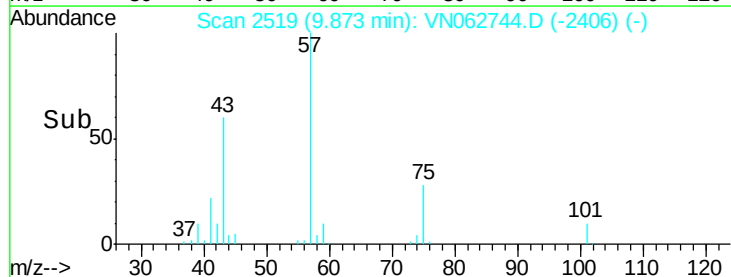
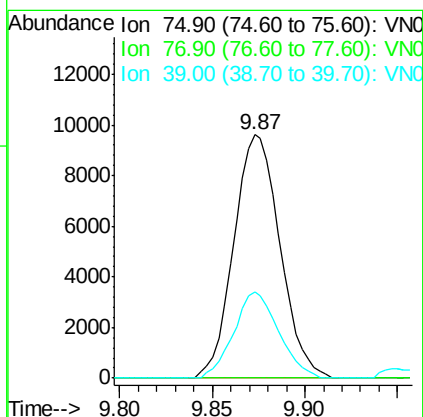
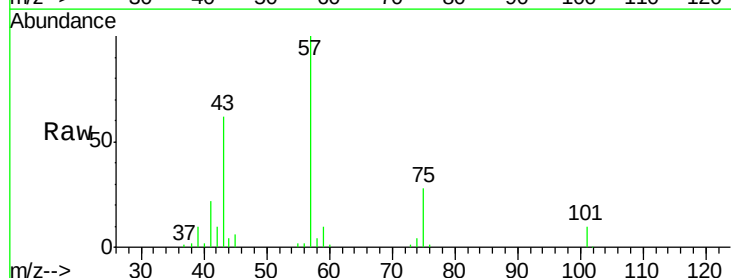
Instrument :
 MSVOA_N
 ClientSampled :
 JTY1-WC-S-01

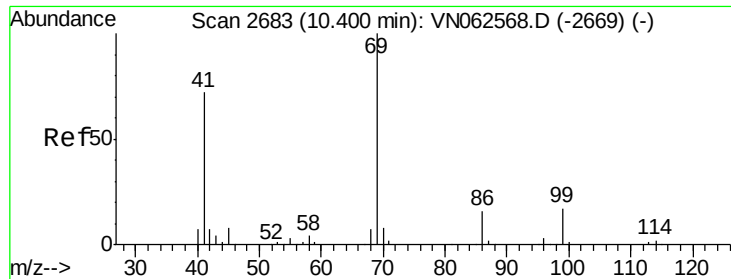
Tot Ion: 43 Resp: 3142
 Ion Ratio Lower Upper
 43 100
 58 41.0 29.8 44.6



#54
 cis-1,3-Dichloropropene
 Concen: 5.545 ug/l
 RT: 9.87 min Scan# 2519
 Delta R.T. 0.06 min
 Lab File: VN062744.D
 Acq: 3 Aug 2020 18:38

Tgt Ion: 75 Resp: 16573
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.6#
 39 35.6 39.8 59.8#





#56

Ethyl methacrylate

Concen: 2.051 ug/l

RT: 10.51 min Scan# 2717

Delta R.T. 0.11 min

Lab File: VN062744.D

Acq: 3 Aug 2020 18:38

Instrument :

MSVOA_N

ClientSampled :

JTY1-WC-S-01

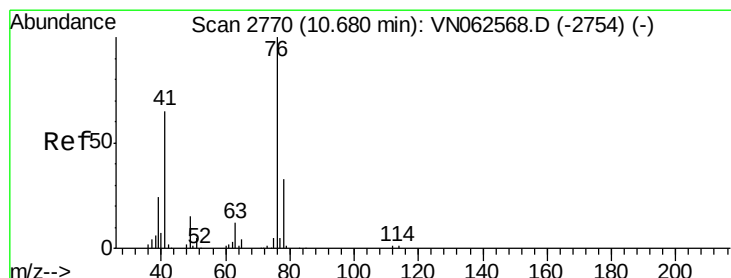
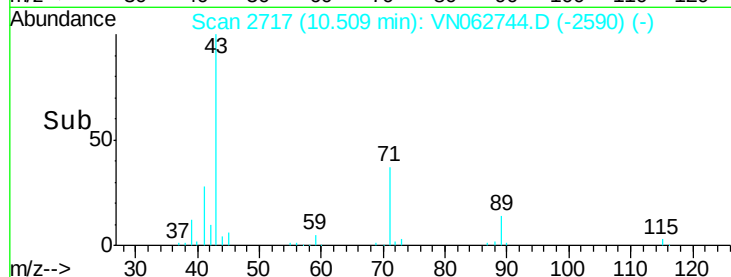
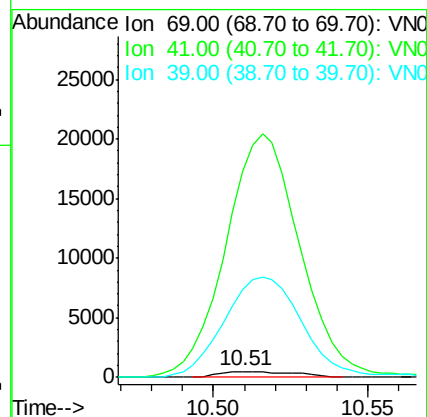
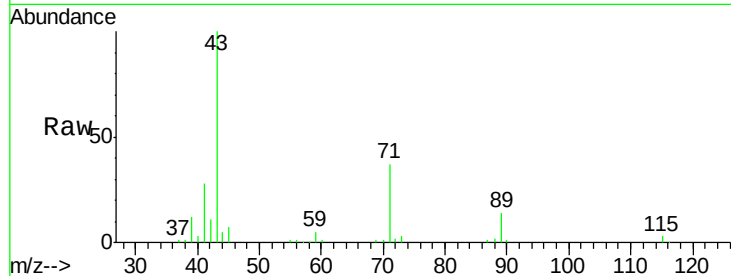
Tot Ion: 69 Resp: 841

Ion Ratio Lower Upper

69 100

41 4075.4 57.2 85.8#

39 1768.7 28.6 43.0#



#57

1,3-Dichloropropane

Concen: 0.890 ug/l

RT: 10.74 min Scan# 2788

Delta R.T. 0.06 min

Lab File: VN062744.D

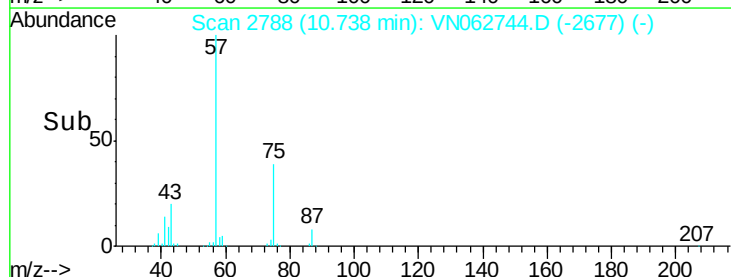
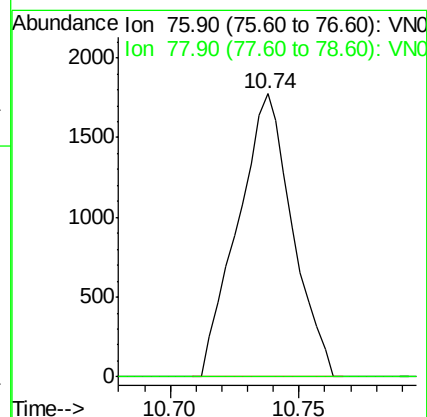
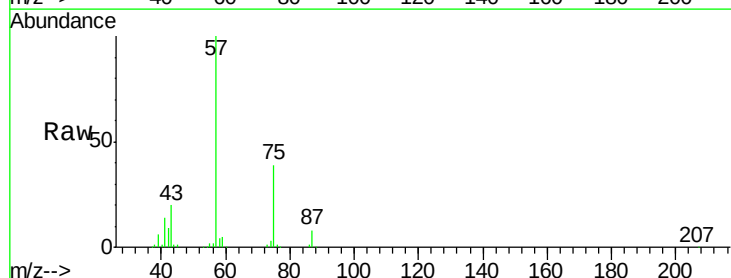
Acq: 3 Aug 2020 18:38

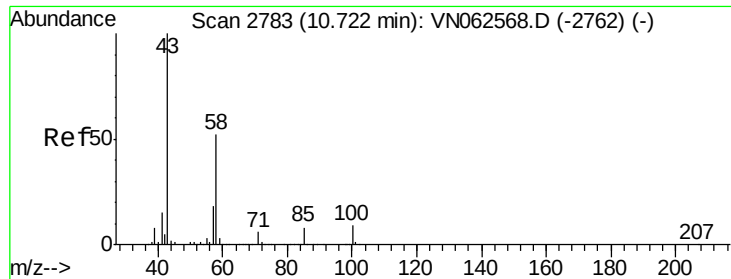
Tgt Ion: 76 Resp: 2615

Ion Ratio Lower Upper

76 100

78 0.0 26.3 39.5#

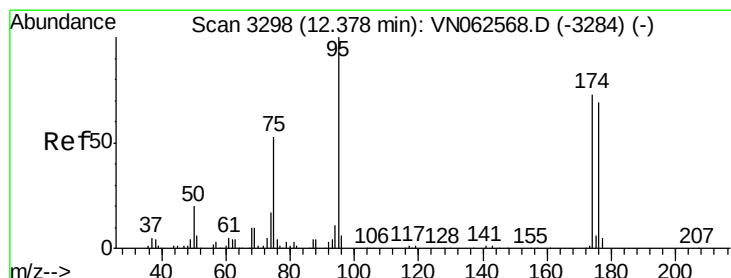
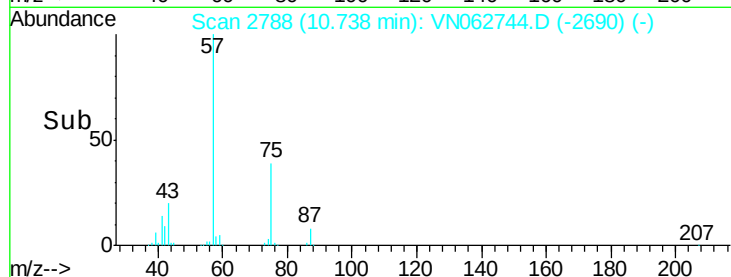
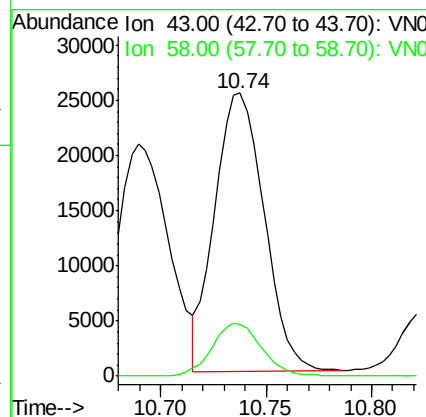
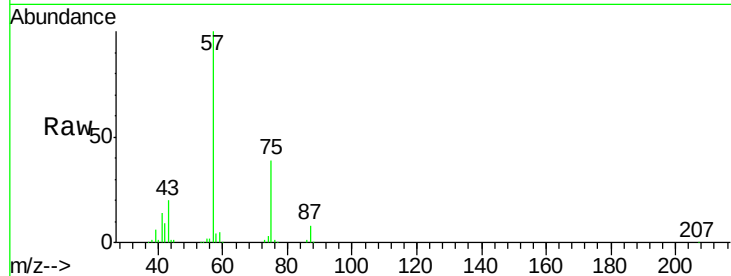




#59
2-Hexanone
Concen: 24.425 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.02 min
Lab File: VN062744.D
Acq: 3 Aug 2020 18:38

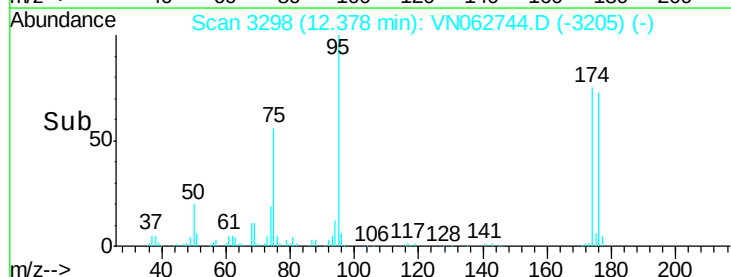
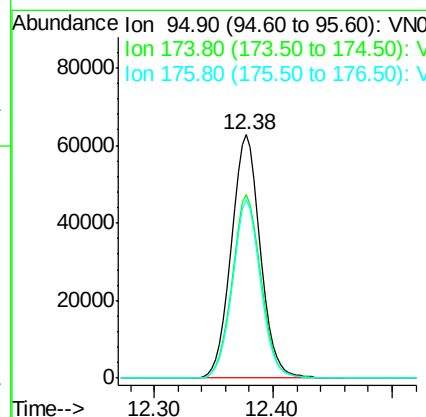
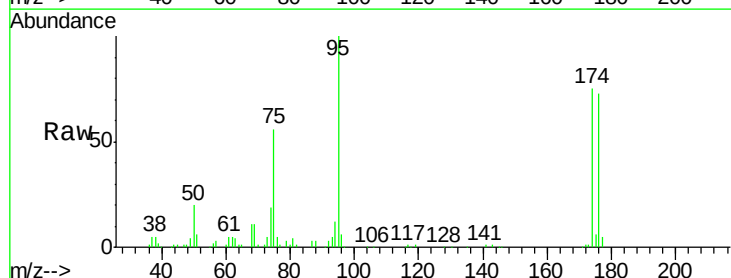
Instrument :
MSVOA_N
ClientSampled :
JTY1-WC-S-01

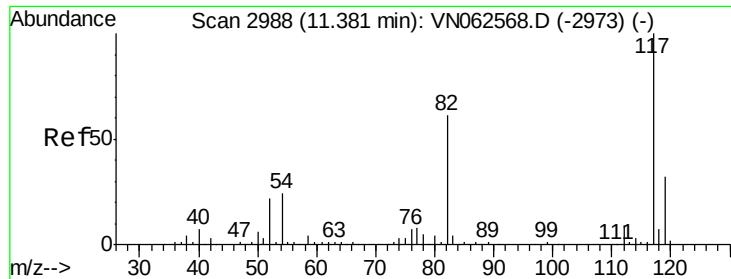
Tot Ion: 43 Resp: 41065
Ion Ratio Lower Upper
43 100
58 19.1 26.0 78.0#



#62
4-Bromofluorobenzene
Concen: 50.088 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062744.D
Acq: 3 Aug 2020 18:38

Tgt Ion: 95 Resp: 105864
Ion Ratio Lower Upper
95 100
174 75.1 0.0 144.6
176 70.9 0.0 139.4

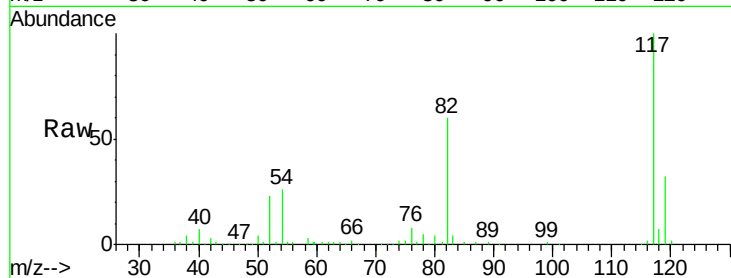




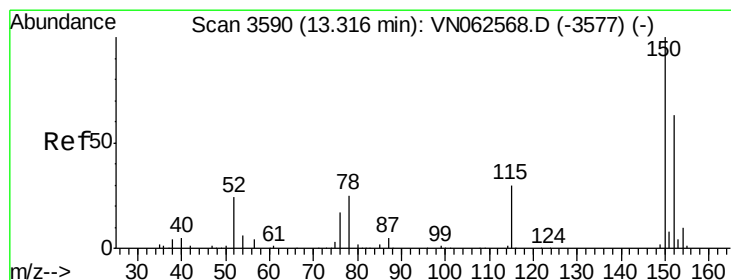
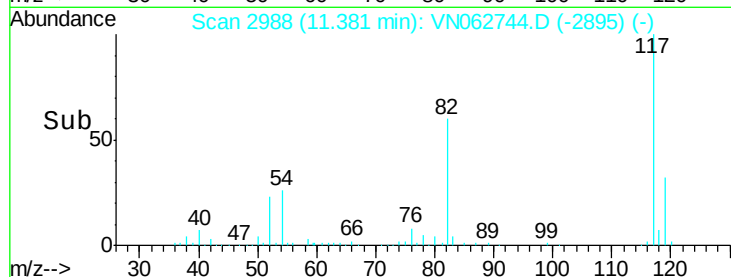
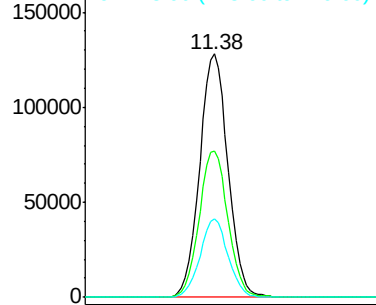
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062744.D
Acq: 3 Aug 2020 18:38

Instrument :
MSVOA_N
ClientSampleId :
JTY1-WC-S-01

Tot Ion:117 Resp: 222858
Ion Ratio Lower Upper
117 100
82 60.3 49.0 73.6
119 32.3 25.4 38.2

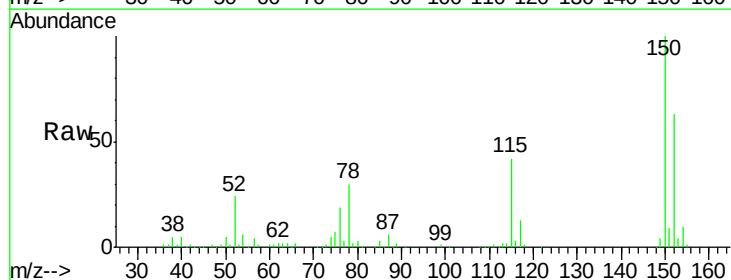


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

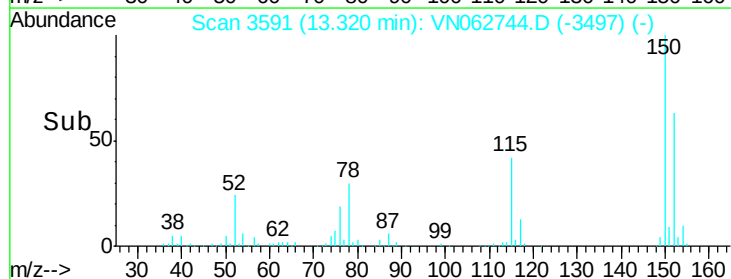
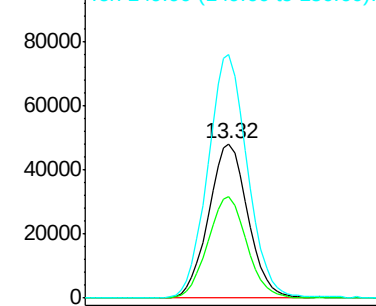


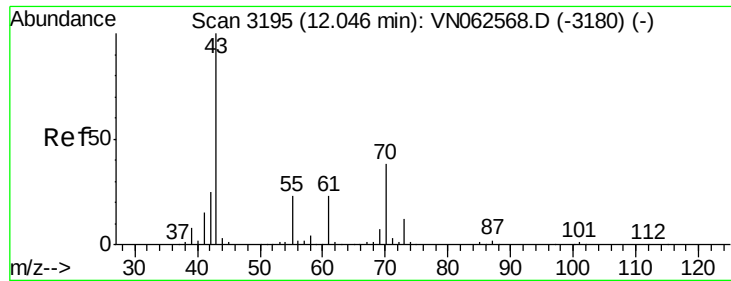
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062744.D
Acq: 3 Aug 2020 18:38

Tgt Ion:152 Resp: 79438
Ion Ratio Lower Upper
152 100
115 65.1 31.8 95.4
150 158.7 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: 0.651 ug/l

RT: 12.01 min Scan# 3184

Delta R.T. -0.04 min

Lab File: VN062744.D

Acq: 3 Aug 2020 18:38

Instrument :

MSVOA_N

ClientSampleId :

JTY1-WC-S-01

Tot Ion: 43 Resp: 1825

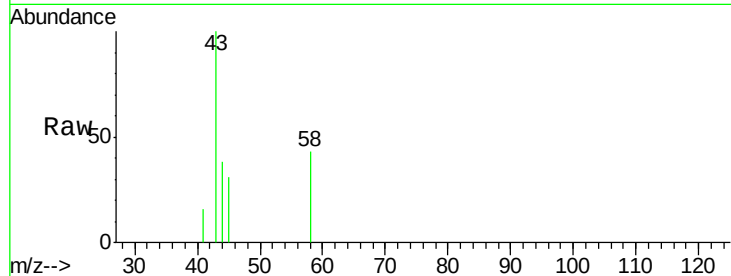
Ion Ratio Lower Upper

43 100

70 0.0 30.5 45.7#

55 0.0 19.0 28.6#

61 0.0 18.4 27.6#

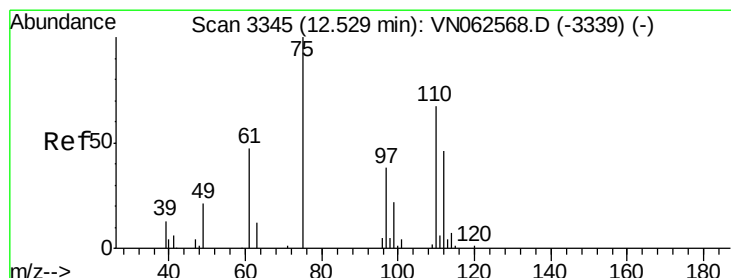
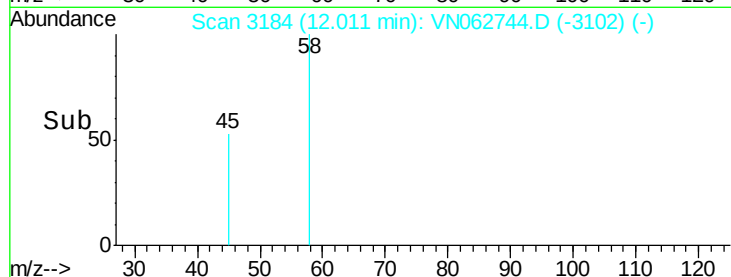
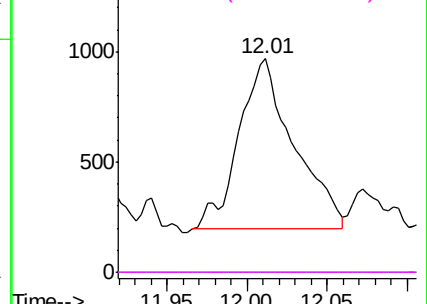


Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-3180) (-)

Ion 70.00 (69.70 to 70.70): VN062568.D (-3180) (-)

Ion 55.00 (54.70 to 55.70): VN062568.D (-3180) (-)

Ion 61.00 (60.70 to 61.70): VN062568.D (-3180) (-)



#76

1,2,3-Trichloropropane

Concen: 29.451 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062744.D

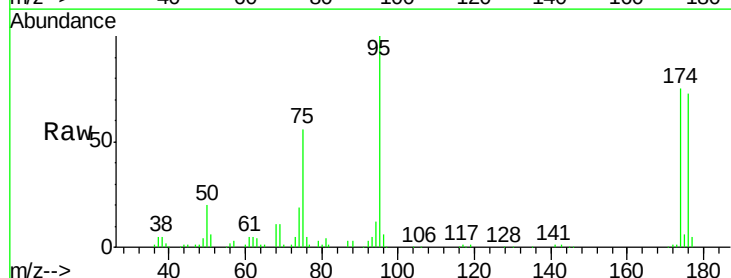
Acq: 3 Aug 2020 18:38

Tgt Ion: 75 Resp: 59549

Ion Ratio Lower Upper

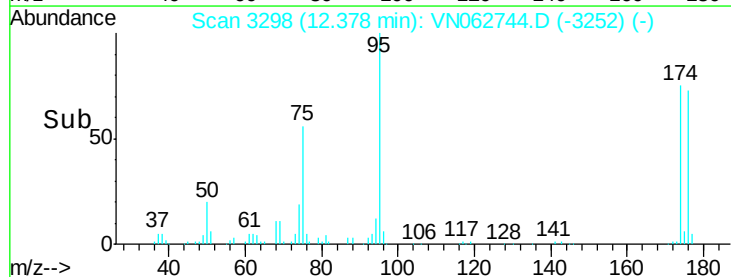
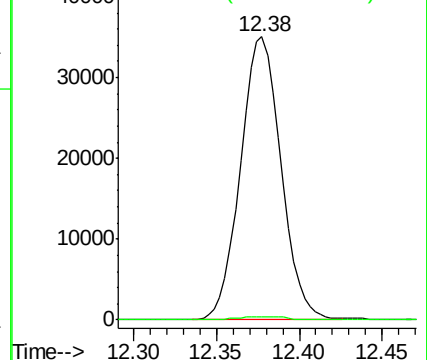
75 100

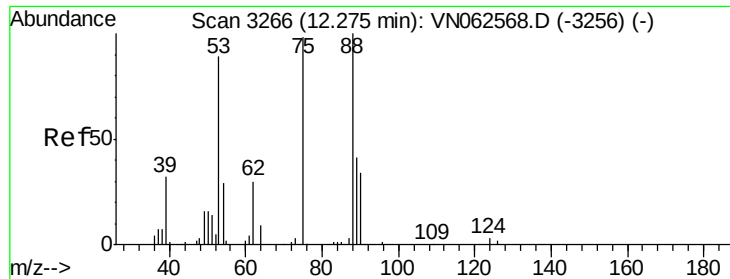
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN062568.D (-3339) (-)

Ion 77.00 (76.70 to 77.70): VN062568.D (-3339) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 81.984 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062744.D

Acq: 3 Aug 2020 18:38

Instrument :

MSVOA_N

ClientSampleId :

JTY1-WC-S-01

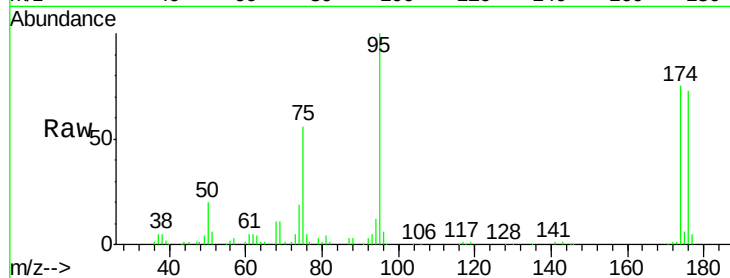
Tot Ion: 75 Resp: 59549

Ion Ratio Lower Upper

75 100

53 0.0 75.4 113.0#

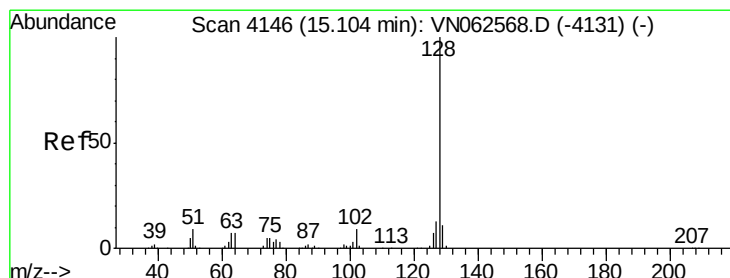
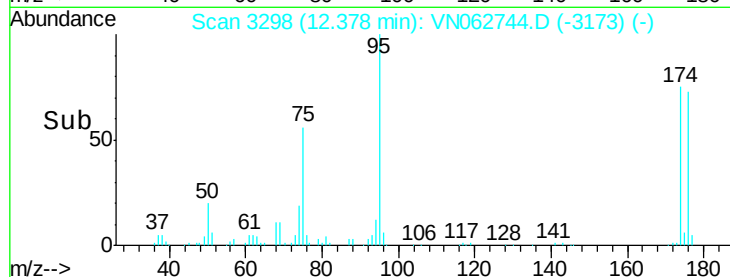
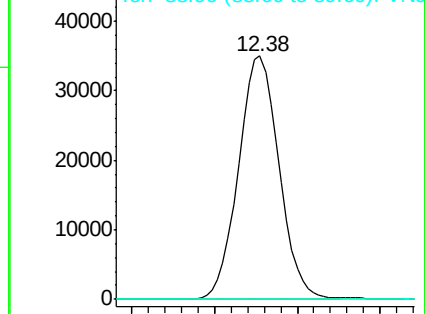
89 0.0 34.5 51.7#



Abundance Ion 74.90 (74.60 to 75.60): VN062568.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN062568.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN062568.D (-3256) (-)



#95

Naphthalene

Concen: 3.812 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062744.D

Acq: 3 Aug 2020 18:38

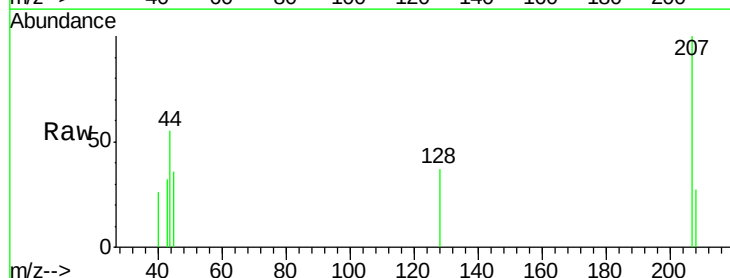
Tgt Ion: 128 Resp: 193

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): VN062568.D (-4131) (-)

Ion 127.00 (126.70 to 127.70): VN062568.D (-4131) (-)

Ion 129.00 (128.70 to 129.70): VN062568.D (-4131) (-)

