

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062206.D
 Acq On : 29 Jun 2020 23:45
 Operator : JC/MD
 Sample : VN0629WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBL02

Quant Time: Jun 30 04:31:12 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	207351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	396895	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	385472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	144169	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	155609	53.48	ug/l	0.00
Spiked Amount			Recovery	=	106.96%	
35) Dibromofluoromethane	7.55	113	128202	50.35	ug/l	0.00
Spiked Amount			Recovery	=	100.70%	
50) Toluene-d8	10.06	98	508479	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.38	95	166187	48.33	ug/l	0.00
Spiked Amount			Recovery	=	96.66%	

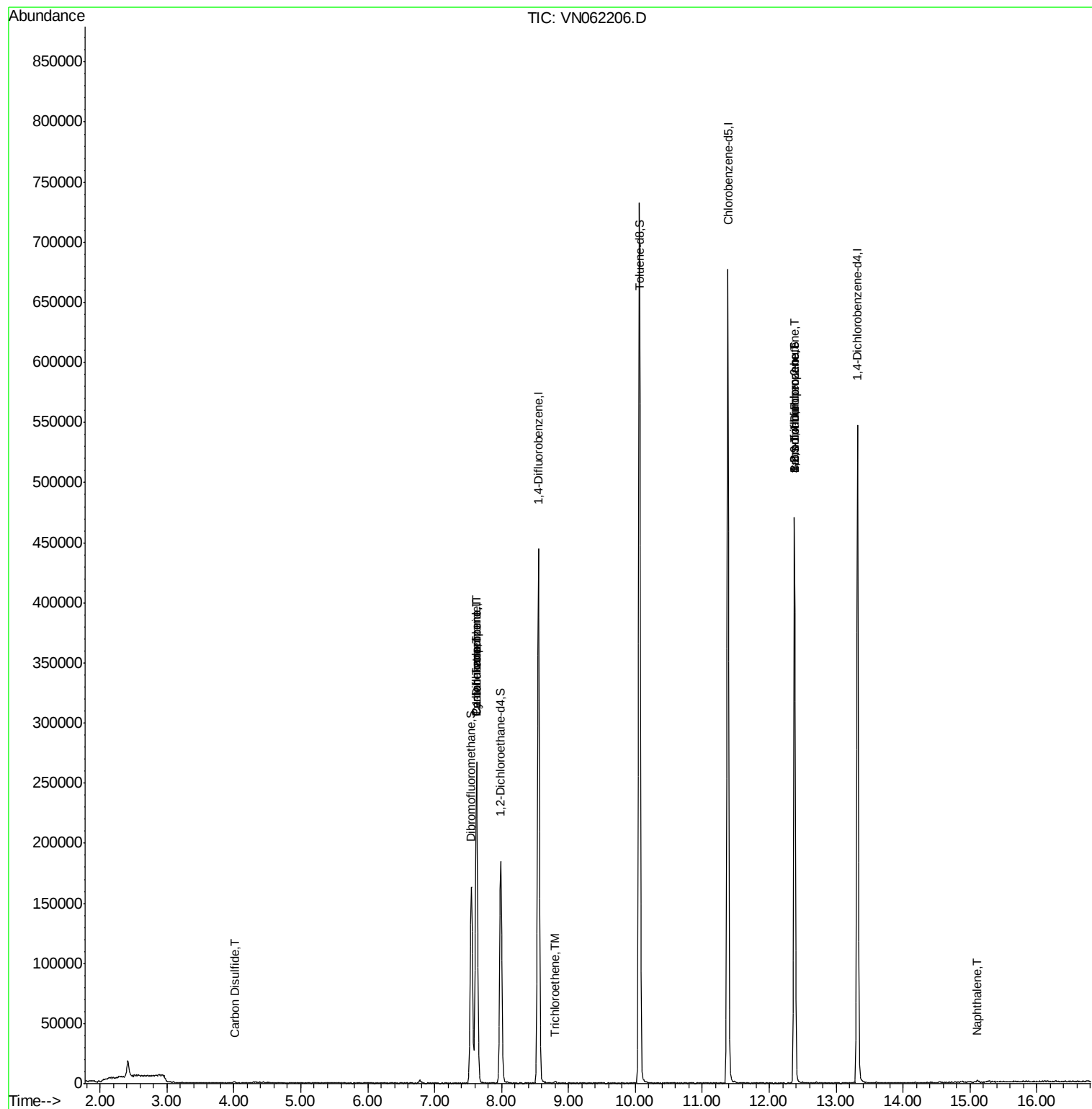
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	408	Below Cal	#	41
16) Acetone	3.77	43	258	Below Cal	#	40
17) Carbon Disulfide	4.01	76	1560	0.279	ug/l #	75
20) Methylene Chloride	4.50	84	298	Below Cal	#	57
31) Cyclohexane	7.63	56	5091	1.266	ug/l #	30
36) 1,1-Dichloropropene	7.63	75	17189	4.309	ug/l #	49
38) Carbon Tetrachloride	7.62	117	20855	5.545	ug/l #	17
44) Trichloroethene	8.80	130	693	0.226	ug/l	69
71) Bromoform	12.38	173	1577	0.758	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	85124	25.082	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	85124	73.248	ug/l #	13
95) Naphthalene	15.11	128	2228	4.293	ug/l #	84

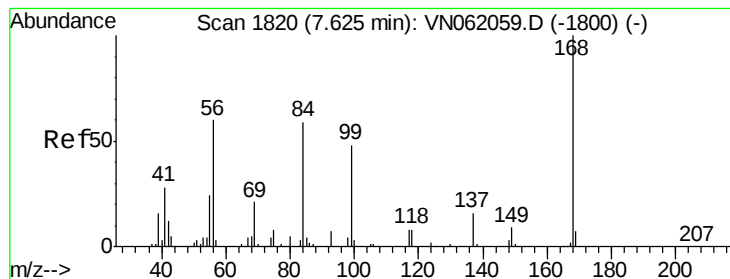
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062920\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
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: VN062206.D

Acq: 29 Jun 2020 23:45

Instrument :

MSVOA_N

ClientSampleId :

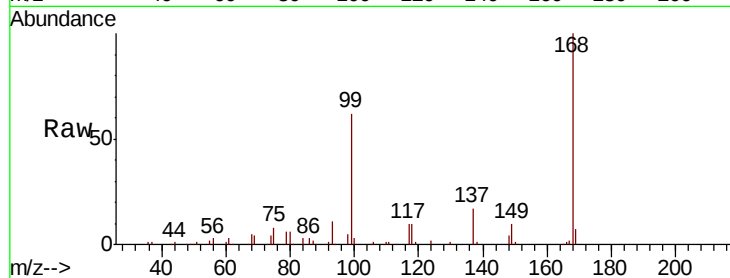
VN0629WBL02

Tot Ion:168 Resp: 207351

Ion Ratio Lower Upper

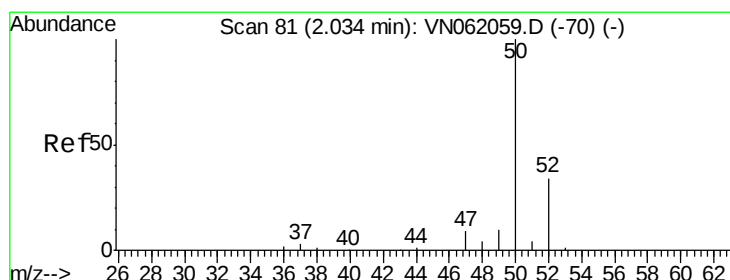
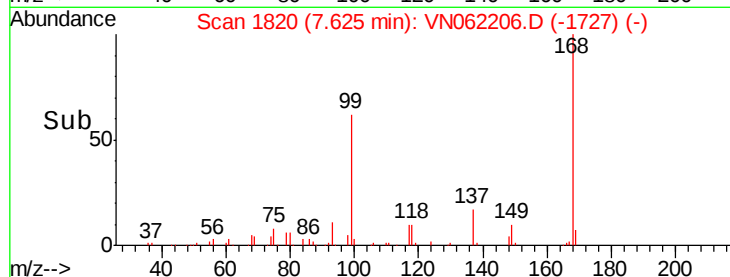
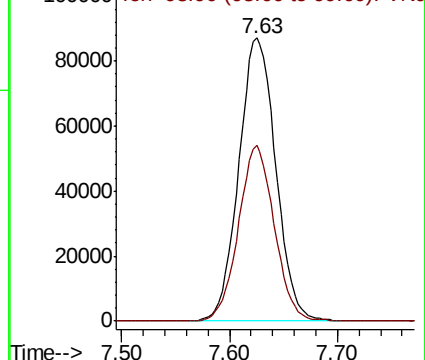
168 100

99 62.2 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): VN062206.D

Ion 98.90 (98.60 to 99.60): VN062206.D



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062206.D

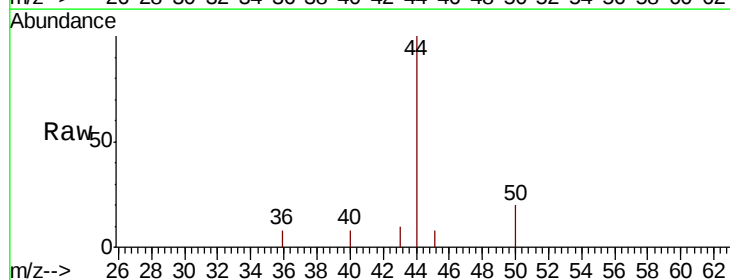
Acq: 29 Jun 2020 23:45

Tgt Ion: 50 Resp: 408

Ion Ratio Lower Upper

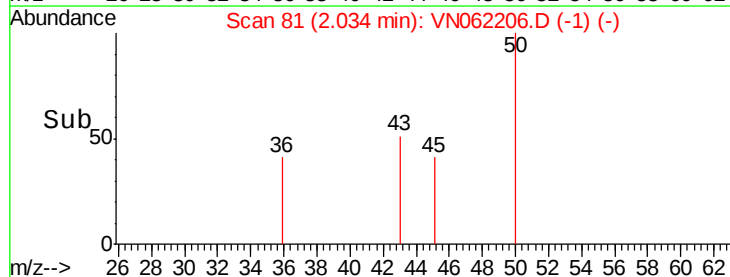
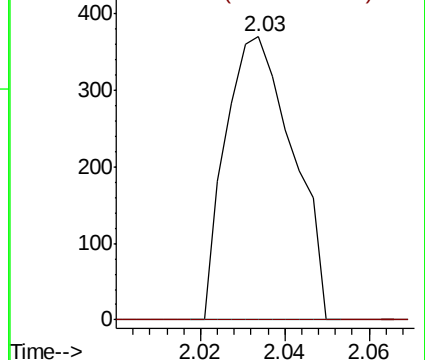
50 100

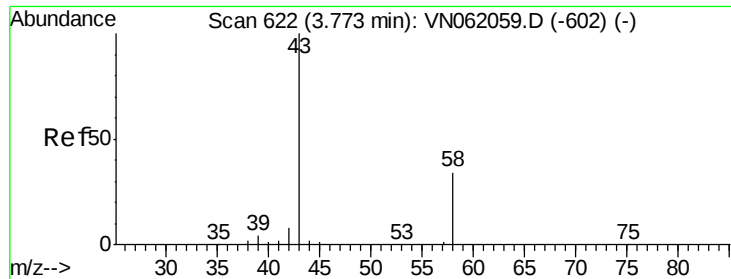
52 0.0 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VN062206.D

Ion 51.90 (51.60 to 52.60): VN062206.D





#16

Acetone

Concen: Below Cal

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN062206.D

Acq: 29 Jun 2020 23:45

Instrument :

MSVOA_N

ClientSampleId :

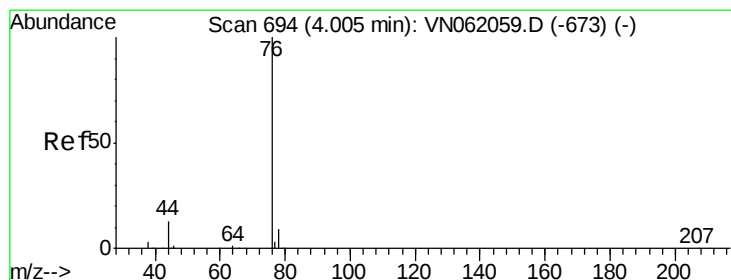
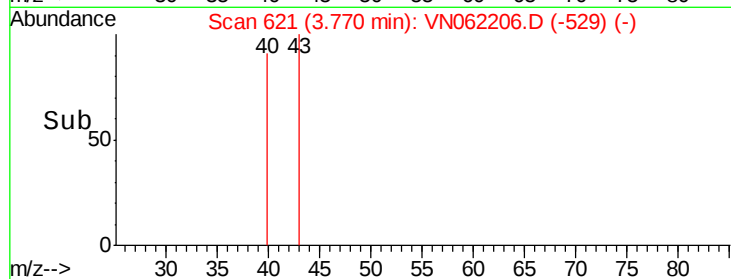
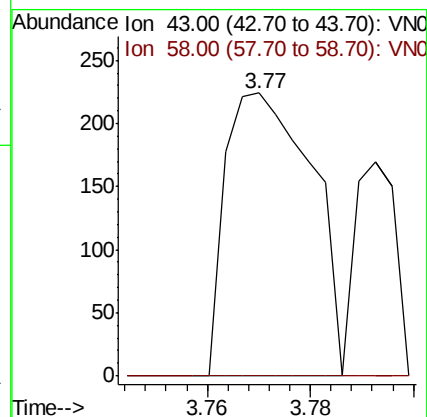
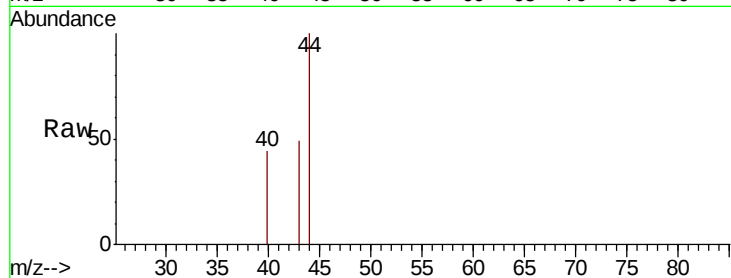
VN0629WBL02

Tot Ion: 43 Resp: 258

Ion Ratio Lower Upper

43 100

58 0.0 27.5 41.3#



#17

Carbon Disulfide

Concen: 0.279 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN062206.D

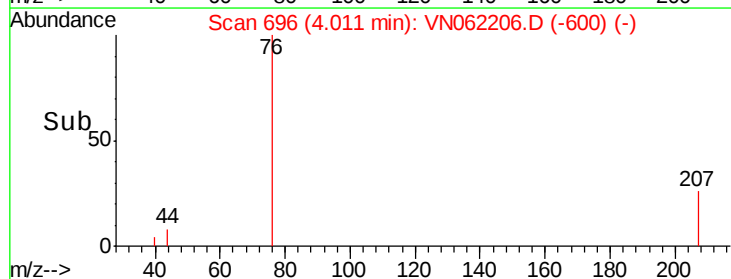
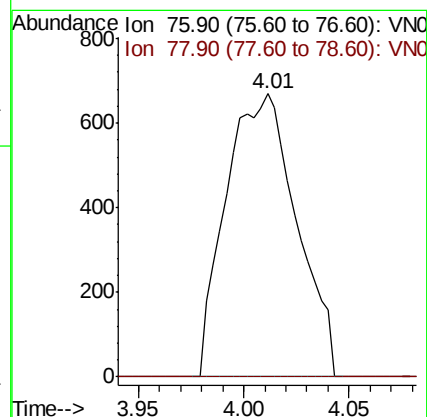
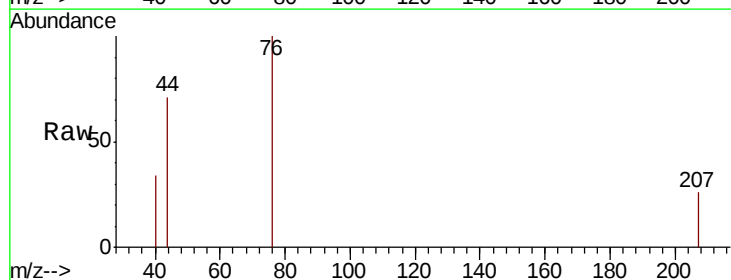
Acq: 29 Jun 2020 23:45

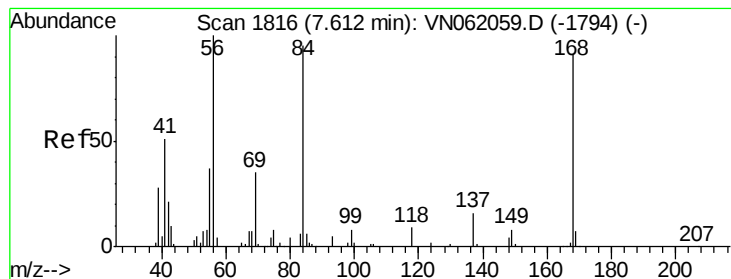
Tgt Ion: 76 Resp: 1560

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#





#31

Cyclohexane

Concen: 1.266 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VN062206.D

Acq: 29 Jun 2020 23:45

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBL02

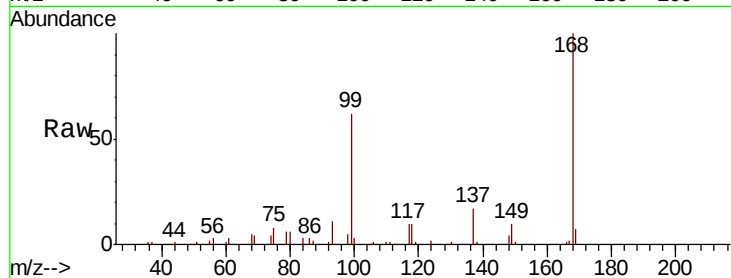
Tot Ion: 56 Resp: 5091

Ion Ratio Lower Upper

56 100

69 152.3 28.0 42.0#

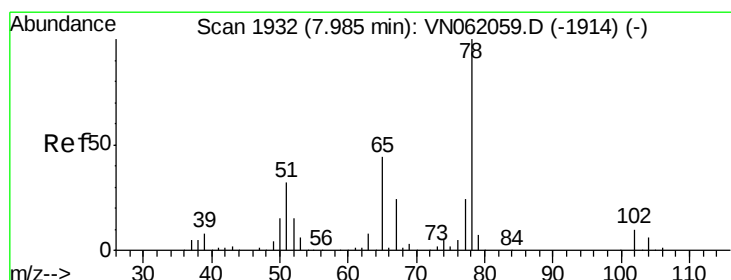
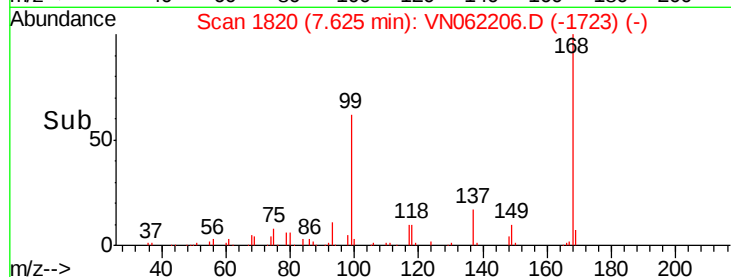
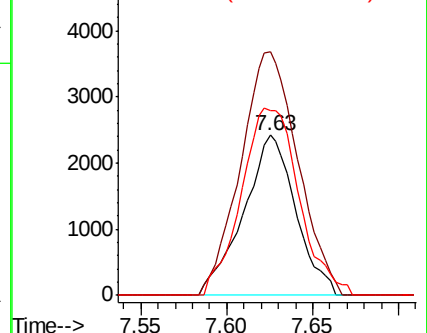
84 115.8 76.1 114.1#



Abundance Ion 56.00 (55.70 to 56.70): VN062206.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062206.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062206.D (-1723) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.477 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062206.D

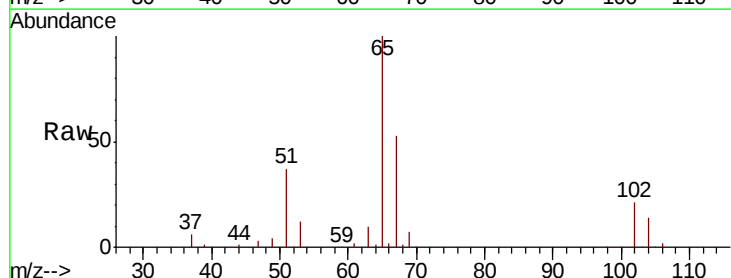
Acq: 29 Jun 2020 23:45

Tgt Ion: 65 Resp: 155609

Ion Ratio Lower Upper

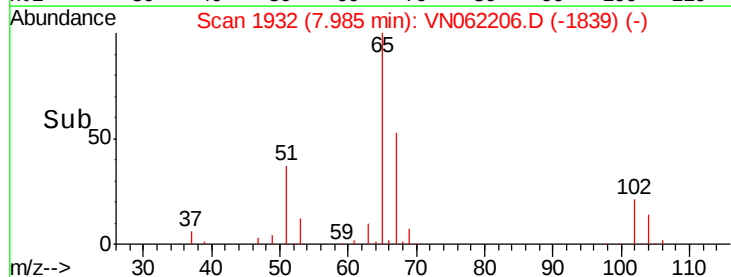
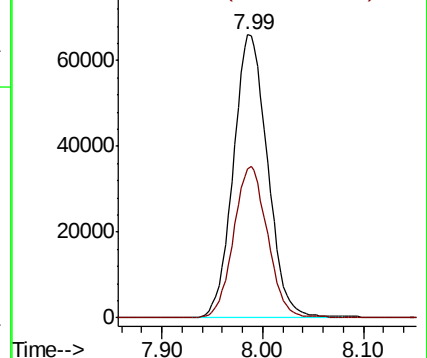
65 100

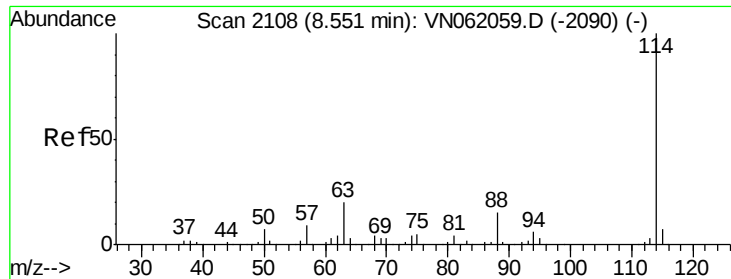
67 53.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062206.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN062206.D (-1839) (-)

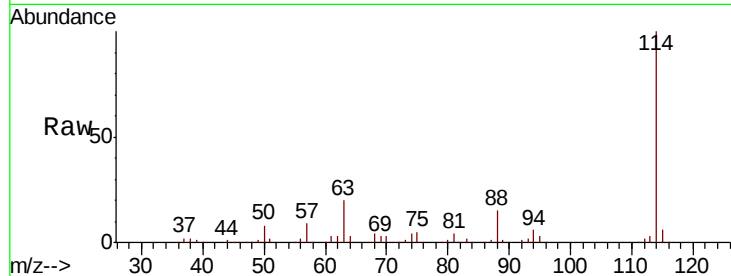




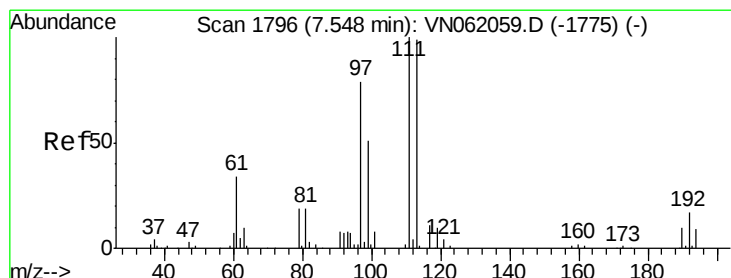
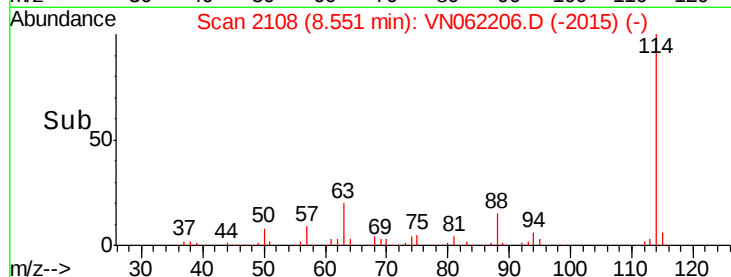
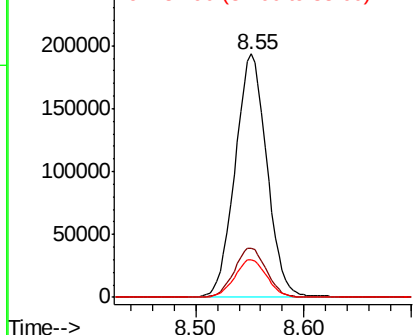
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062206.D
 Acq: 29 Jun 2020 23:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBL02

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.2
88	15.3	0.0	30.8

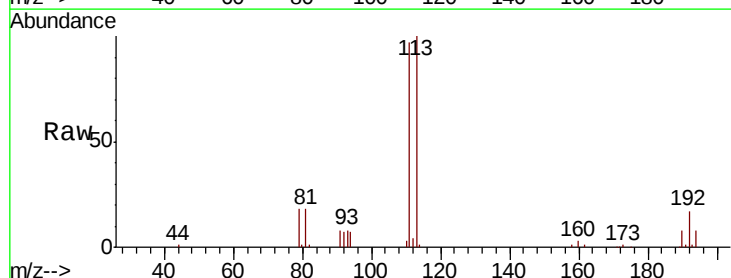


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

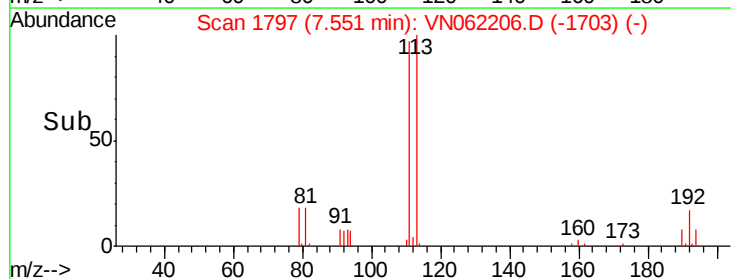
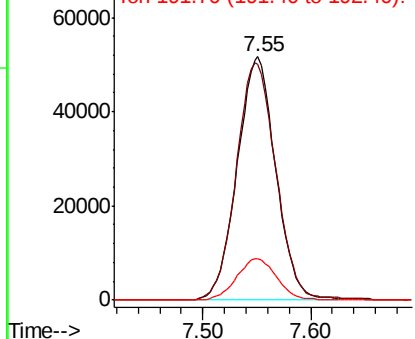


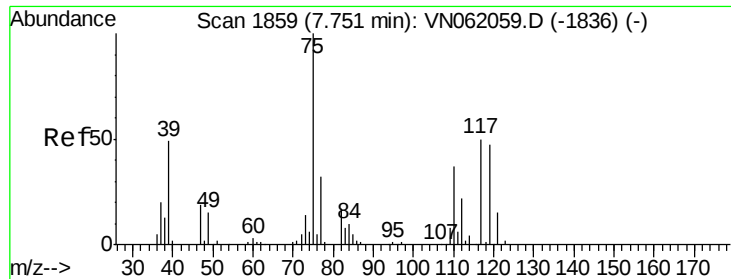
#35
 Dibromofluoromethane
 Concen: 50.349 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062206.D
 Acq: 29 Jun 2020 23:45

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.2	123.4
192	17.7	14.0	21.0



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

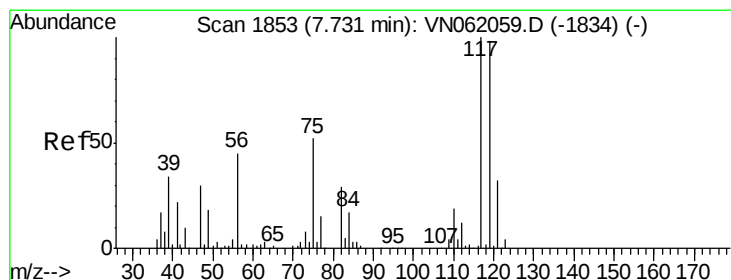
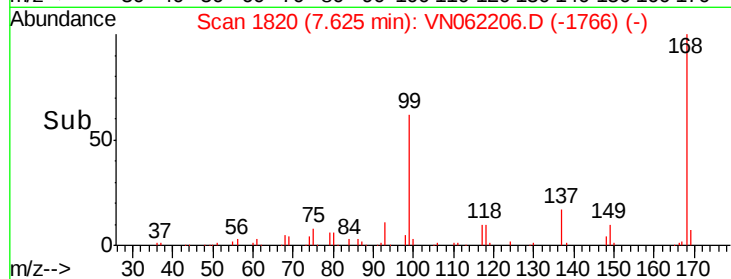
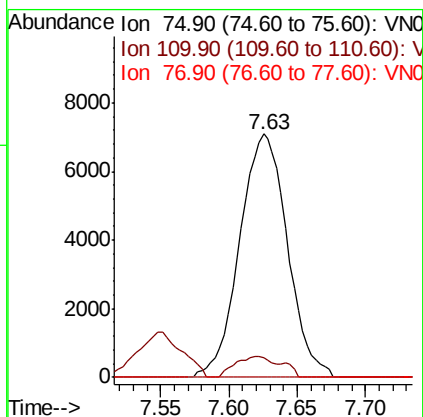
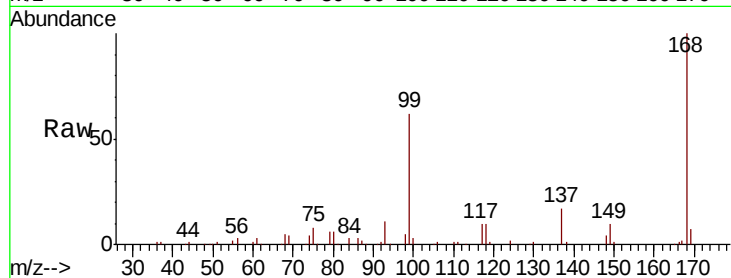




#36
 1,1-Dichloropropene
 Concen: 4.309 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062206.D
 Acq: 29 Jun 2020 23:45

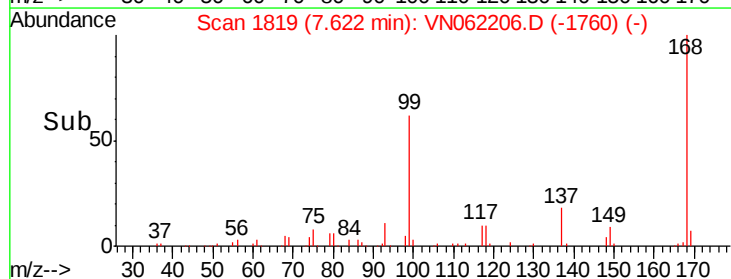
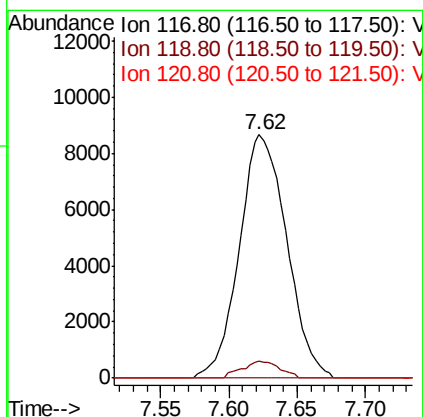
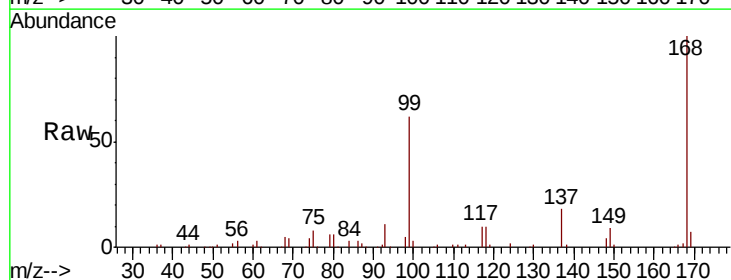
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBL02

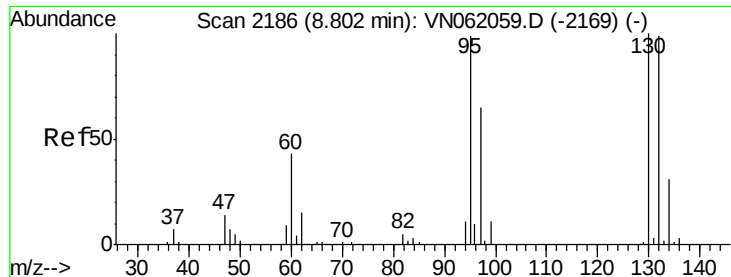
Tot Ion: 75 Resp: 17189
 Ion Ratio Lower Upper
 75 100
 110 8.3 17.9 53.8#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 5.545 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.11 min
 Lab File: VN062206.D
 Acq: 29 Jun 2020 23:45

Tgt Ion: 117 Resp: 20855
 Ion Ratio Lower Upper
 117 100
 119 6.9 78.2 117.2#
 121 0.0 25.8 38.6#





#44

Trichloroethene

Concen: 0.226 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062206.D

Acq: 29 Jun 2020 23:45

Instrument :

MSVOA_N

ClientSampleId :

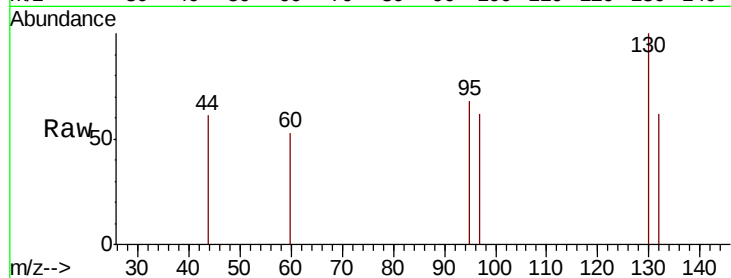
VN0629WBL02

Tot Ion:130 Resp: 693

Ion Ratio Lower Upper

130 100

95 67.9 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062206.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062206.D (-2093) (-)

8.80

400

300

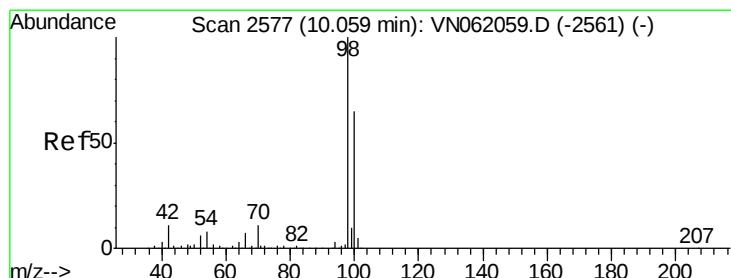
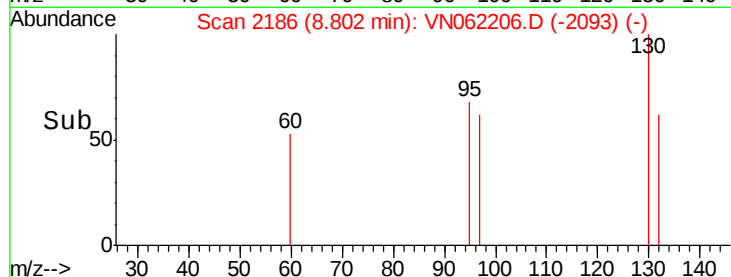
200

100

0

8.76 8.78 8.80 8.82 8.84

Time-->



#50

Toluene-d8

Concen: 49.957 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062206.D

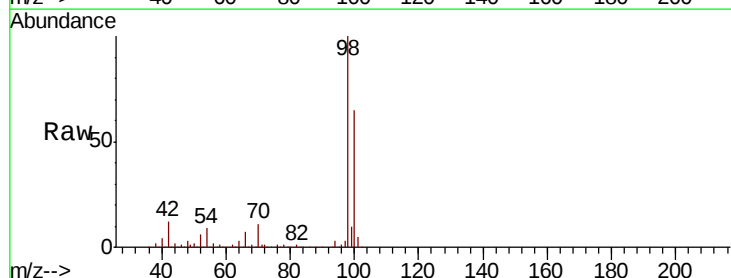
Acq: 29 Jun 2020 23:45

Tgt Ion: 98 Resp: 508479

Ion Ratio Lower Upper

98 100

100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062206.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN062206.D (-2484) (-)

10.06

300000

250000

200000

150000

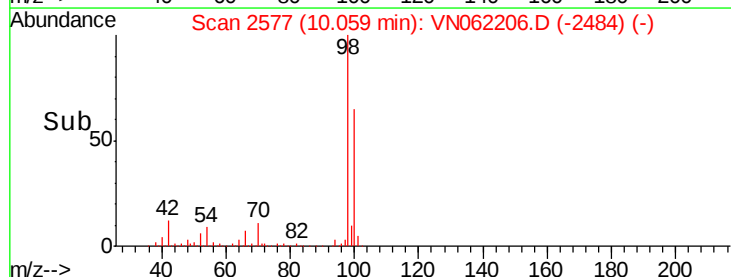
100000

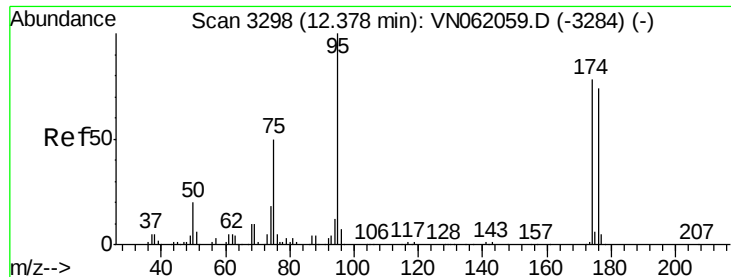
50000

0

10.00 10.10 10.20

Time-->





#62

4-Bromofluorobenzene

Concen: 48.327 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062206.D

Acq: 29 Jun 2020 23:45

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBL02

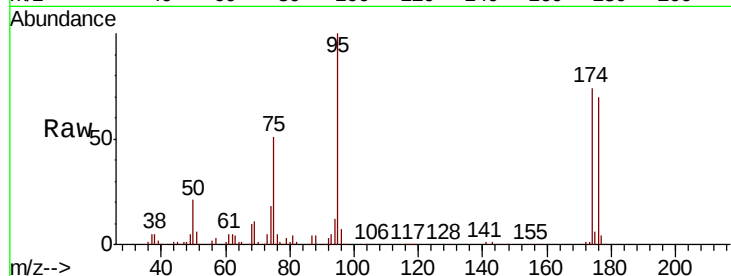
Tot Ion: 95 Resp: 166187

Ion Ratio Lower Upper

95 100

174 75.1 0.0 154.8

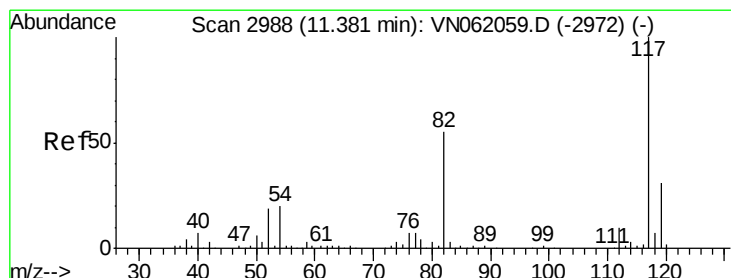
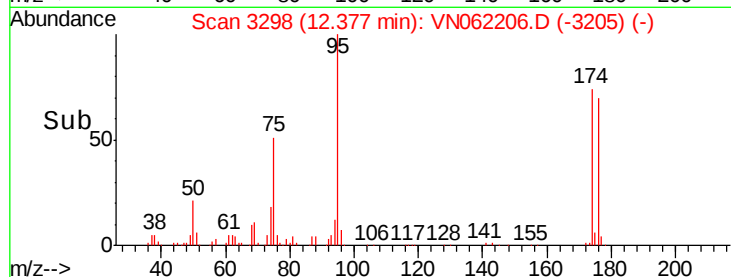
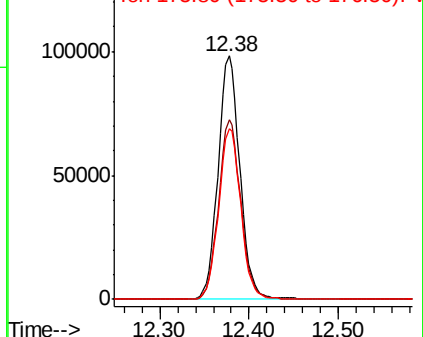
176 70.9 0.0 147.4



Abundance Ion 94.90 (94.60 to 95.60): VN062206.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062206.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062206.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062206.D

Acq: 29 Jun 2020 23:45

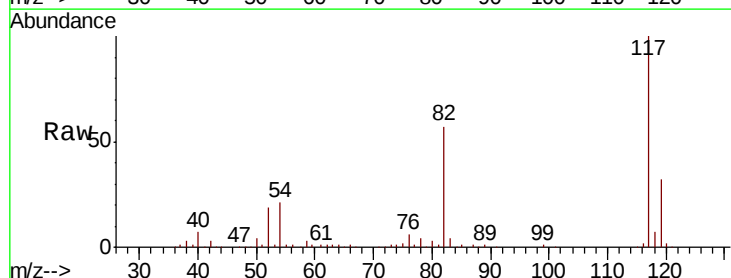
Tgt Ion: 117 Resp: 385472

Ion Ratio Lower Upper

117 100

82 57.0 43.8 65.8

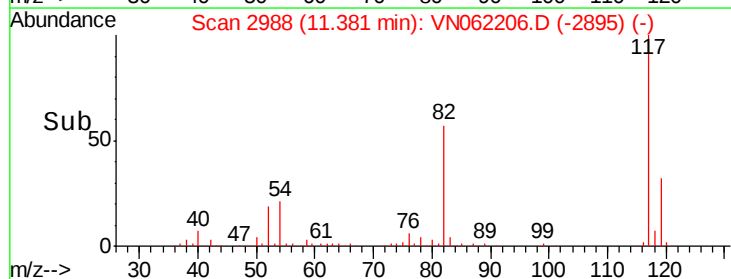
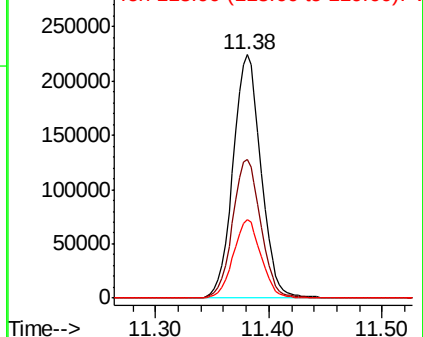
119 32.4 25.2 37.8

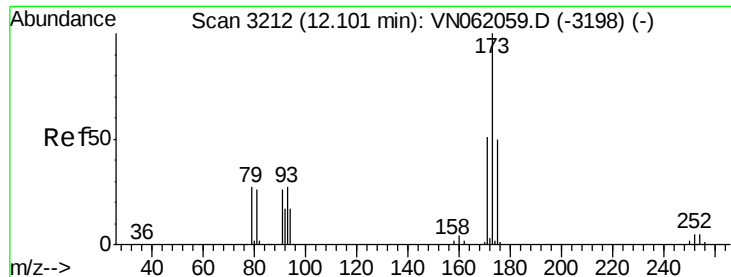


Abundance Ion 116.90 (116.60 to 117.60): VN062206.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062206.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062206.D (-2895) (-)





#71

Bromoform

Concen: 0.758 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN062206.D

Acq: 29 Jun 2020 23:45

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBL02

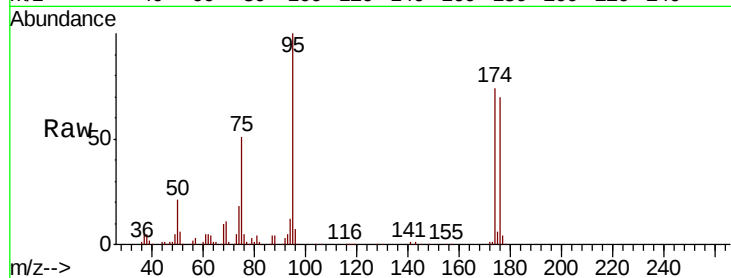
Tot Ion:173 Resp: 1577

Ion Ratio Lower Upper

173 100

175 498.4 24.7 74.1#

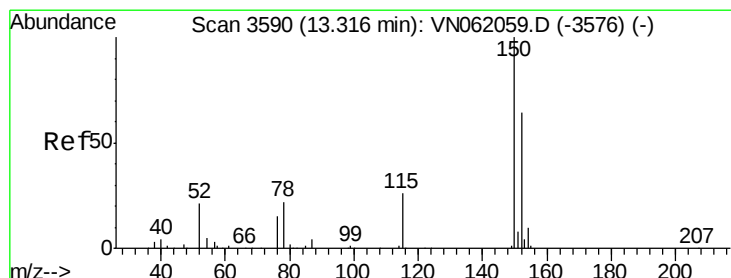
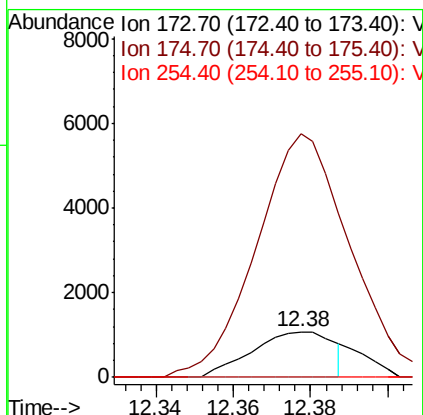
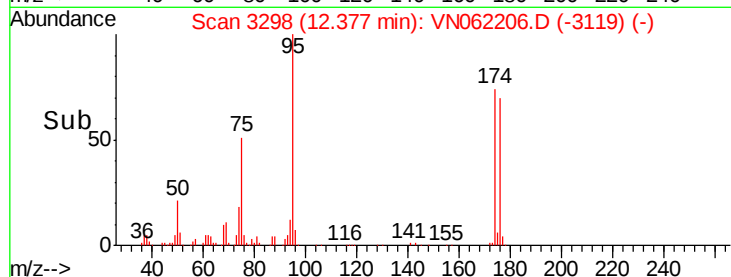
254 0.0 0.0 0.0



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: VN062206.D

Acq: 29 Jun 2020 23:45

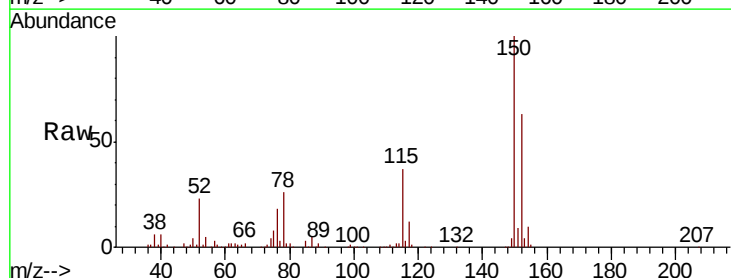
Tgt Ion:152 Resp: 144169

Ion Ratio Lower Upper

152 100

115 60.1 29.5 88.5

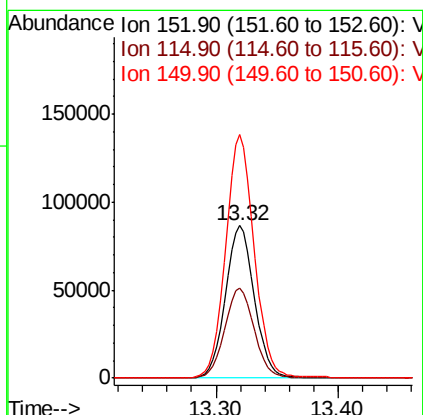
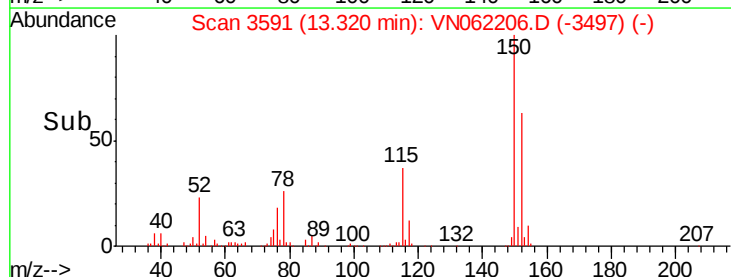
150 157.8 0.0 351.4

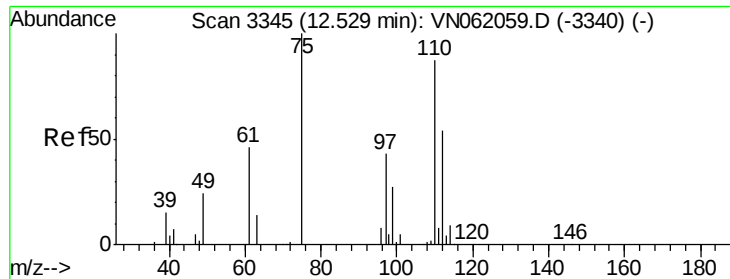


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 25.082 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062206.D

Acq: 29 Jun 2020 23:45

Instrument :

MSVOA_N

ClientSampled :

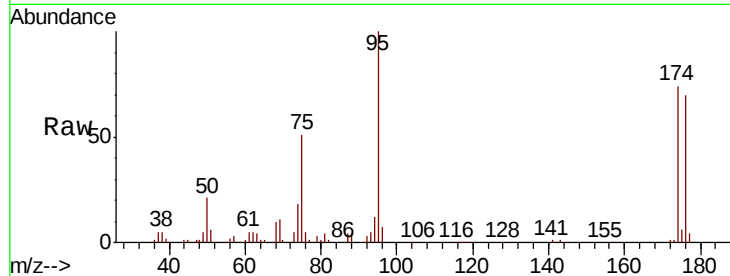
VN0629WBL02

Tot Ion: 75 Resp: 85124

Ion Ratio Lower Upper

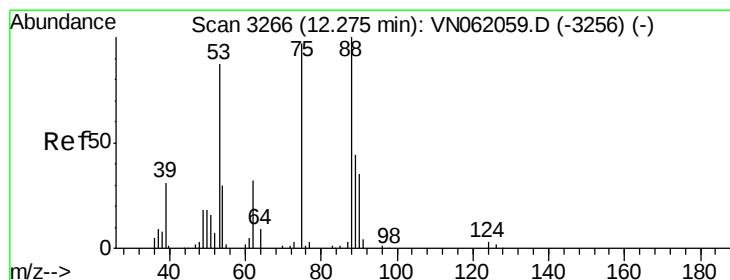
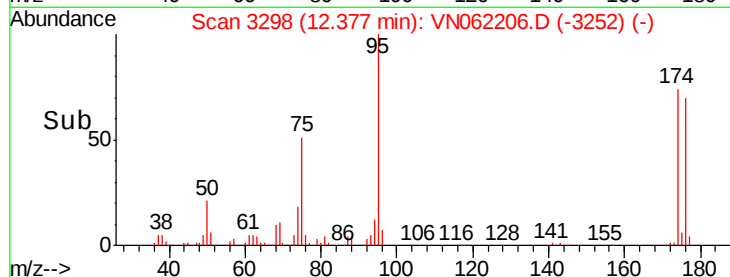
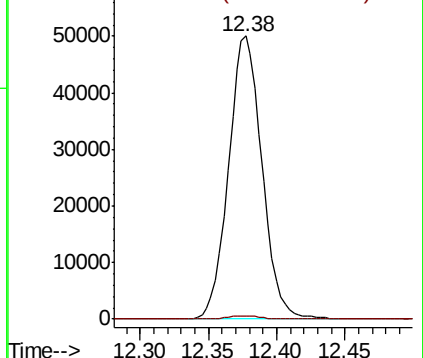
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN062206.D (-3298) (-)

Ion 77.00 (76.70 to 77.70): VN062206.D (-3298) (-)



#81

trans-1,4-Dichloro-2-butene

Concen: 73.248 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062206.D

Acq: 29 Jun 2020 23:45

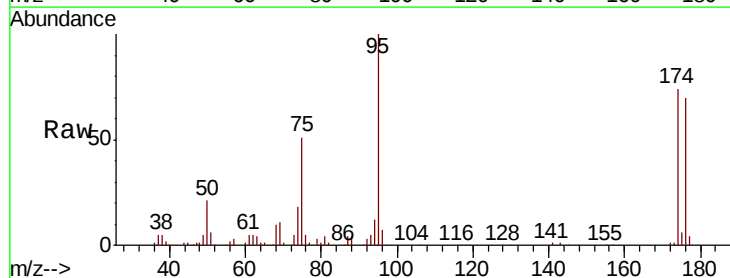
Tgt Ion: 75 Resp: 85124

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

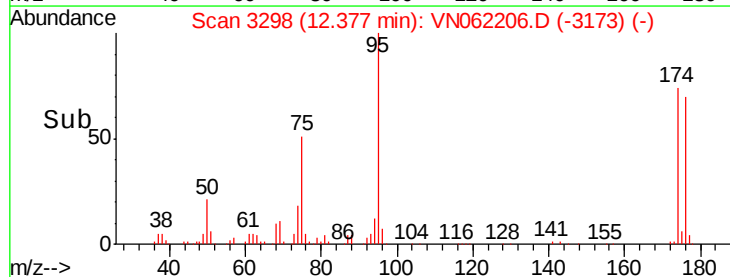
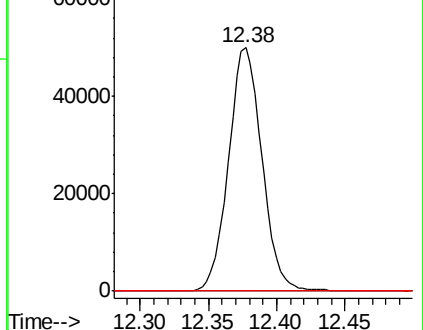
89 0.0 36.9 55.3#

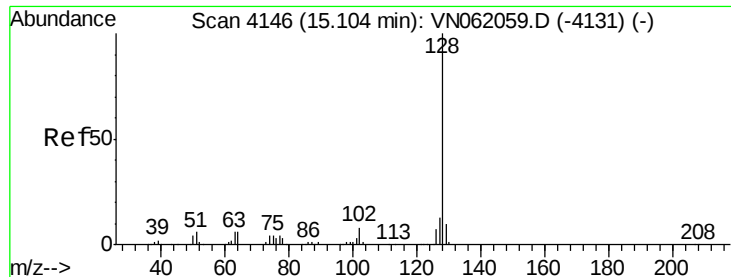


Abundance Ion 74.90 (74.60 to 75.60): VN062206.D (-3298) (-)

Ion 53.00 (52.70 to 53.70): VN062206.D (-3298) (-)

Ion 88.90 (88.60 to 89.60): VN062206.D (-3298) (-)





#95
Naphthalene
Concen: 4.293 ug/l
RT: 15.11 min Scan# 4148
Delta R.T. 0.01 min
Lab File: VN062206.D
Acq: 29 Jun 2020 23:45

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBL02

Tot Ion:128 Resp: 2228
Ion Ratio Lower Upper
128 100
127 5.3 10.5 15.7#
129 6.3 8.6 13.0#

