

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061923.D
 Acq On : 19 Jun 2020 1:41
 Operator : JC/MD
 Sample : L2818-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-061720

Quant Time: Jun 19 05:33:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	141035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	262068	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	253155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	99170	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	95652	50.57	ug/l	0.00
Spiked Amount			Recovery	=	101.14%	
35) Dibromofluoromethane	7.55	113	82978	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	
50) Toluene-d8	10.06	98	324593	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.38	95	106576	47.14	ug/l	0.00
Spiked Amount			Recovery	=	94.28%	

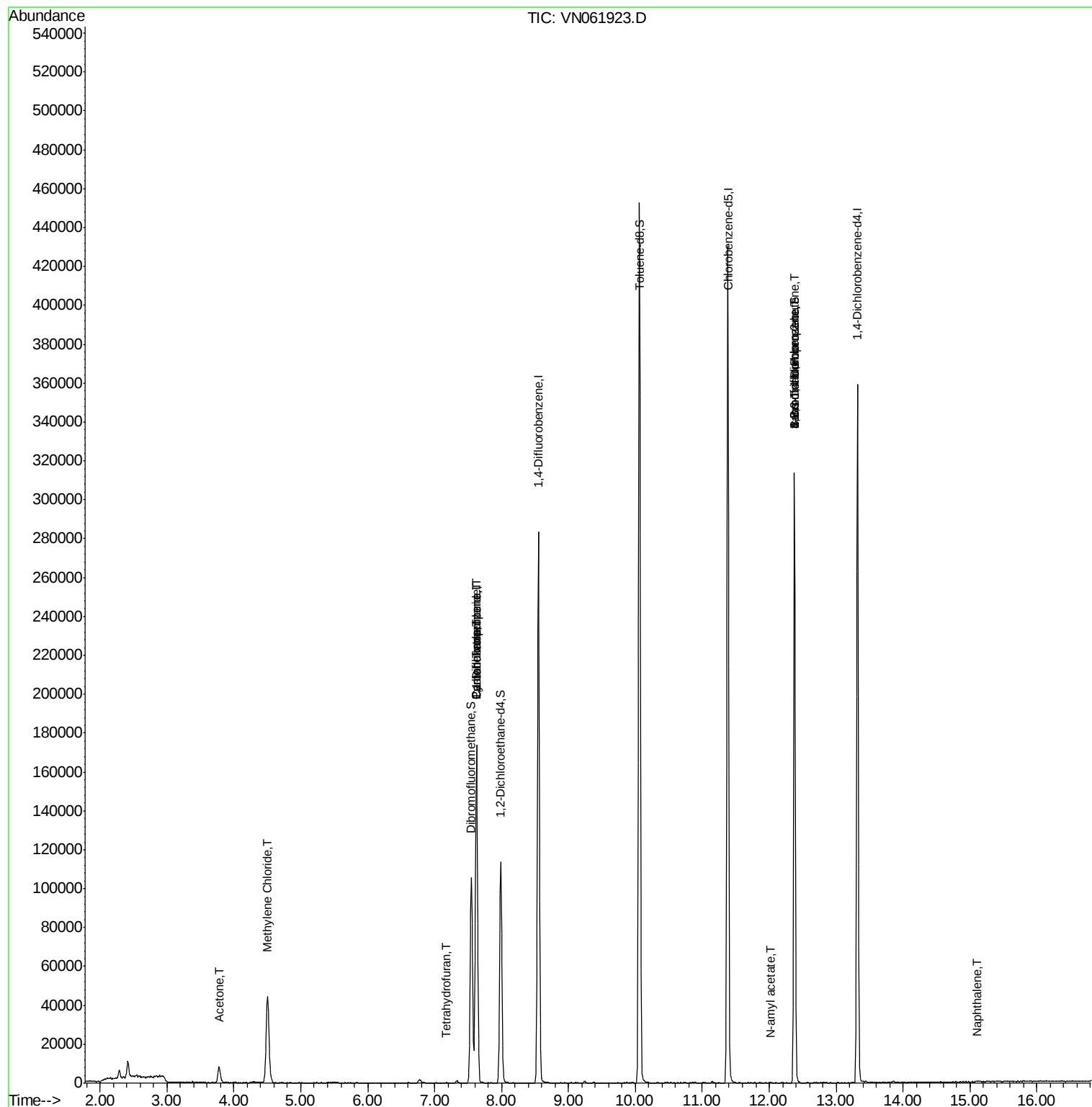
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	13887	24.855	ug/l	94
20) Methylene Chloride	4.50	84	36376	19.984	ug/l	98
29) Tetrahydrofuran	7.17	42	123	0.229	ug/l #	26
31) Cyclohexane	7.62	56	2738	1.098	ug/l #	5
36) 1,1-Dichloropropene	7.63	75	11180	4.677	ug/l #	45
38) Carbon Tetrachloride	7.63	117	14201	5.999	ug/l #	16
71) Bromoform	12.38	173	1133	0.834	ug/l #	1
74) N-amyl acetate	12.01	43	64	3.088	ug/l #	38
76) 1,2,3-Trichloropropane	12.38	75	52612	27.023	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	52612	73.702	ug/l #	14
95) Naphthalene	15.11	128	631	3.602	ug/l #	69

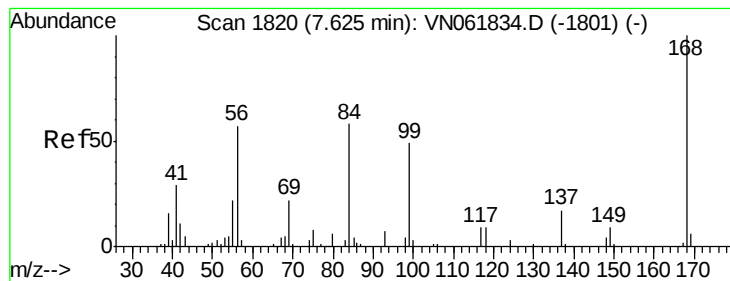
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
Data File : VN061923.D
Acq On : 19 Jun 2020 1:41
Operator : JC/MD
Sample : L2818-05
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TR-05-061720

Quant Time: Jun 19 05:33:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 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: VN061923.D

Acq: 19 Jun 2020 1:41

Instrument :

MSVOA_N

ClientSampleId :

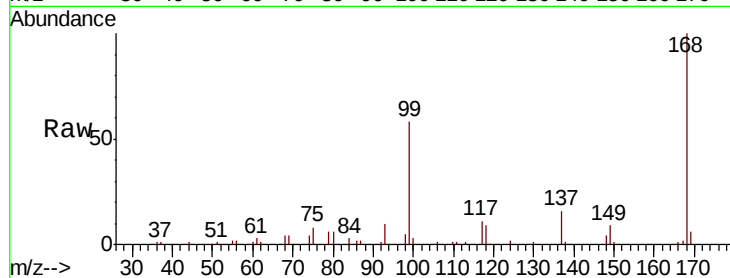
TR-05-061720

Tot Ion:168 Resp: 141035

Ion Ratio Lower Upper

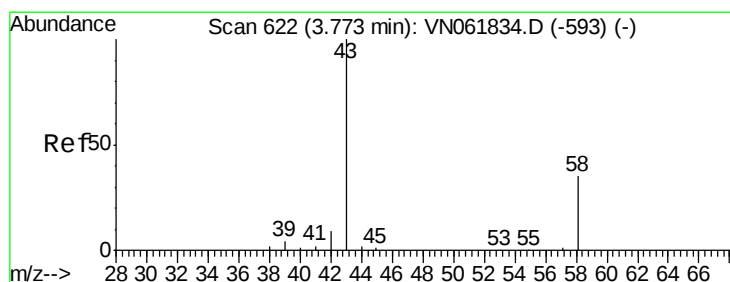
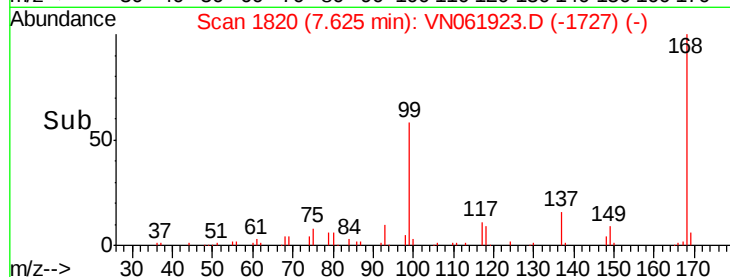
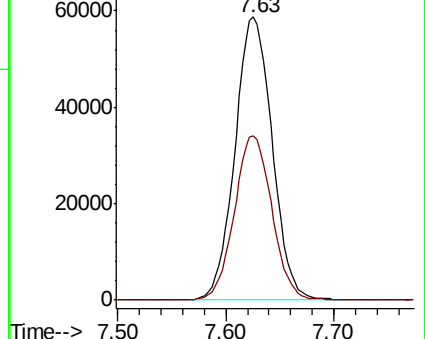
168 100

99 58.2 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 24.855 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061923.D

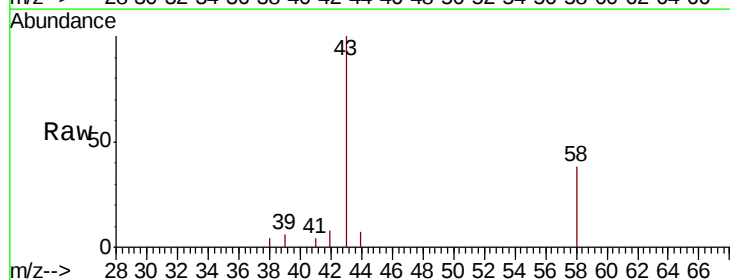
Acq: 19 Jun 2020 1:41

Tgt Ion: 43 Resp: 13887

Ion Ratio Lower Upper

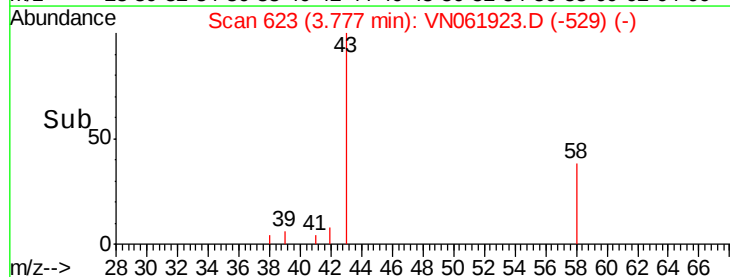
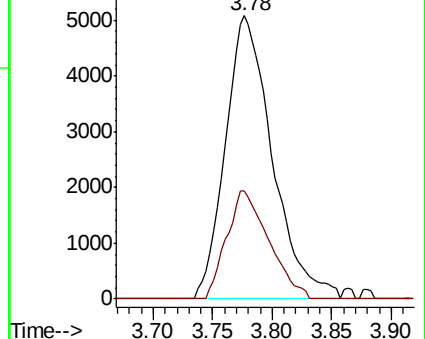
43 100

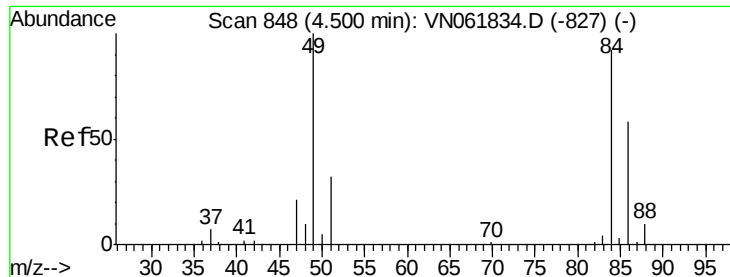
58 38.3 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

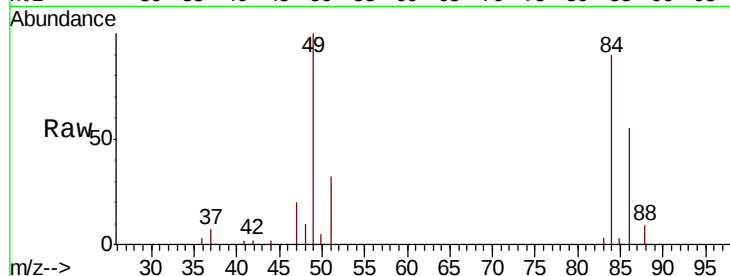




#20
Methvlene Chloride
Concen: 19.984 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061923.D
Acq: 19 Jun 2020 1:41

Instrument :
MSVOA_N
ClientSampleId :
TR-05-061720

Tot Ion:	84	Resp:	36376
Ion	Ratio	Lower	Upper
84	100		
49	111.1	87.0	130.4
51	35.3	27.8	41.6
86	61.3	50.2	75.2



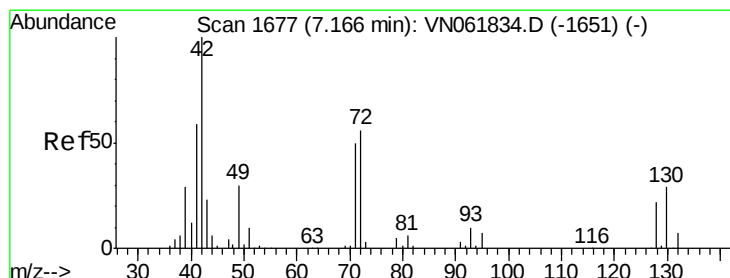
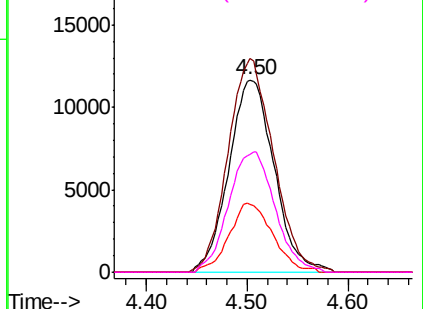
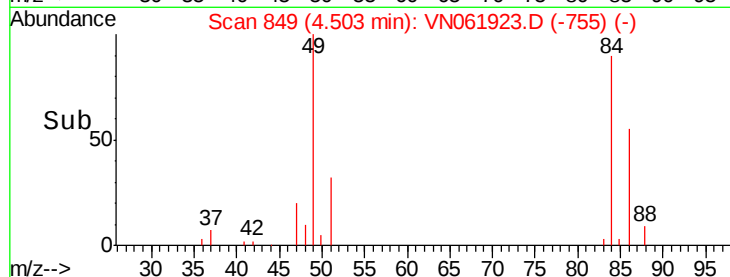
Abundance

Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

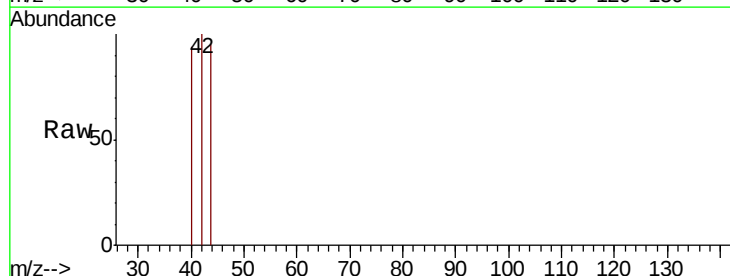
Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#29
Tetrahydrofuran
Concen: 0.229 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.01 min
Lab File: VN061923.D
Acq: 19 Jun 2020 1:41

Tgt Ion:	42	Resp:	123
Ion	Ratio	Lower	Upper
42	100		
72	0.0	44.0	66.0#
71	0.0	40.0	60.0#

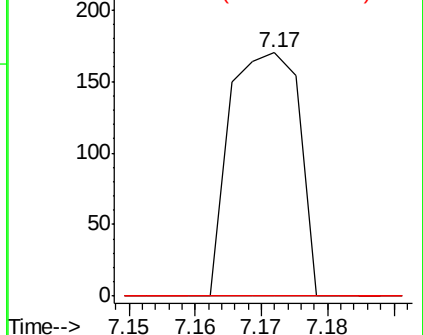
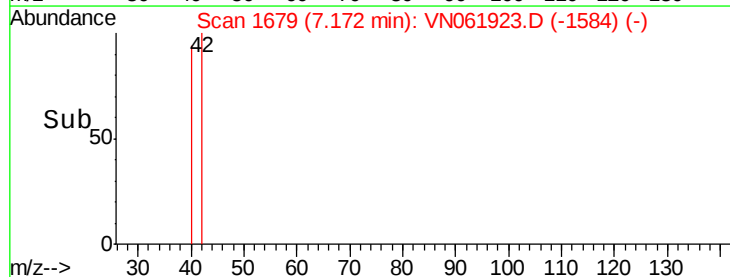


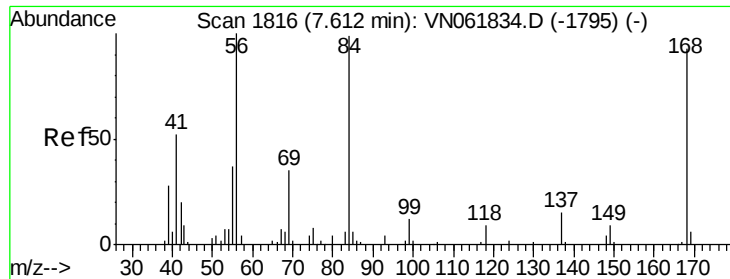
Abundance

Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

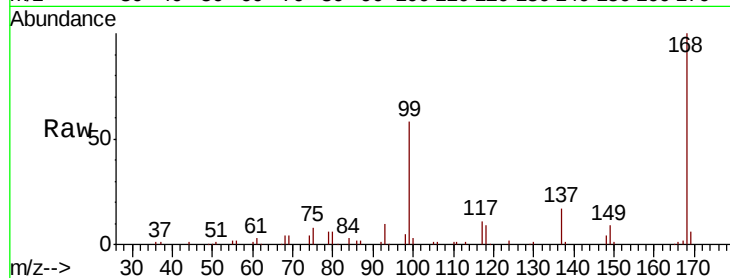




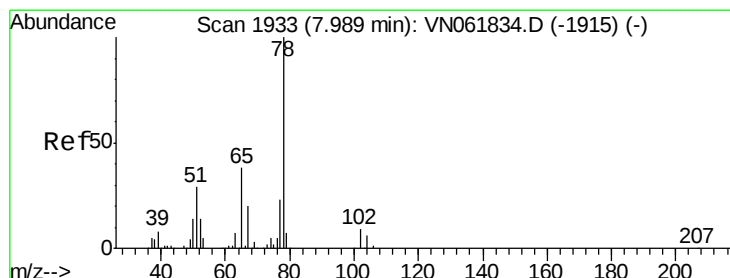
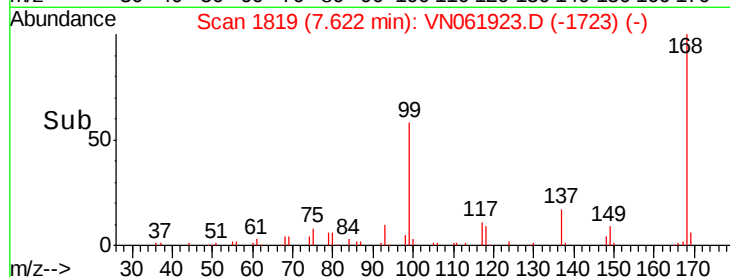
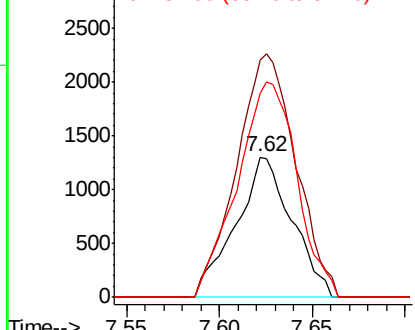
#31
Cyclohexane
Concen: 1.098 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN061923.D
Acq: 19 Jun 2020 1:41

Instrument :
MSVOA_N
ClientSampleId :
TR-05-061720

Tot Ion: 56 Resp: 2738
Ion Ratio Lower Upper
56 100
69 169.3 27.7 41.5#
84 145.5 79.1 118.7#

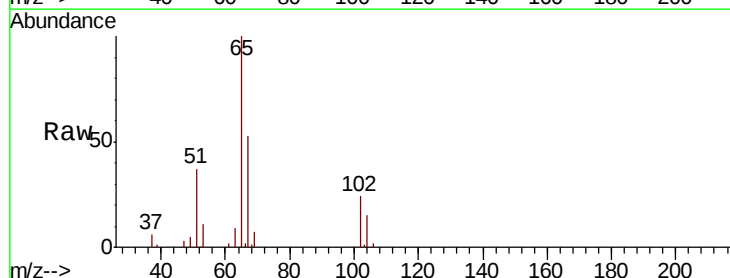


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

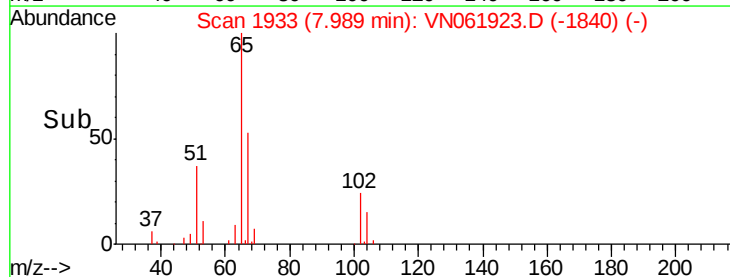
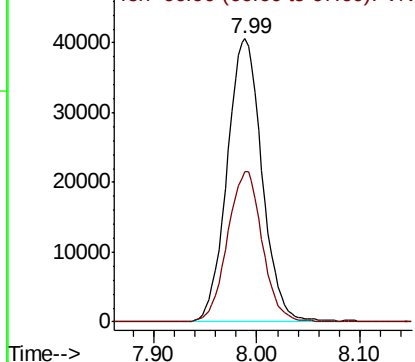


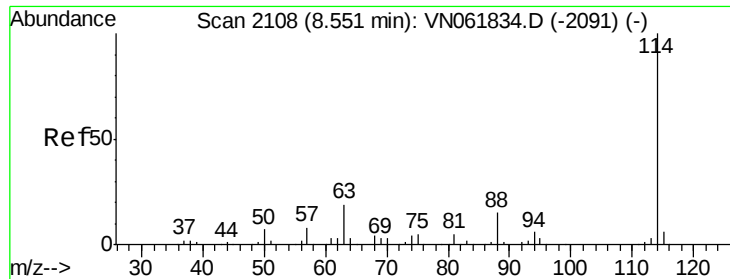
#33
1,2-Dichloroethane-d4
Concen: 50.570 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN061923.D
Acq: 19 Jun 2020 1:41

Tgt Ion: 65 Resp: 95652
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.2



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

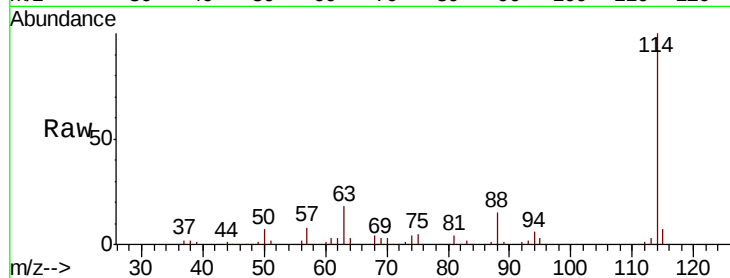




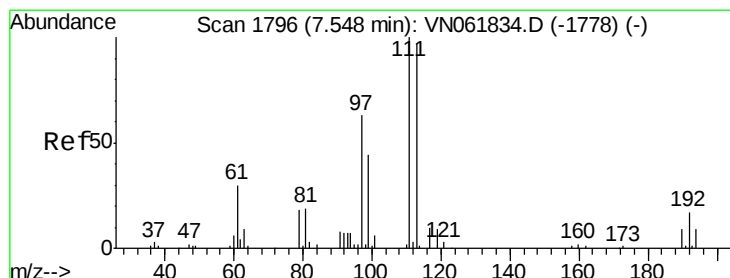
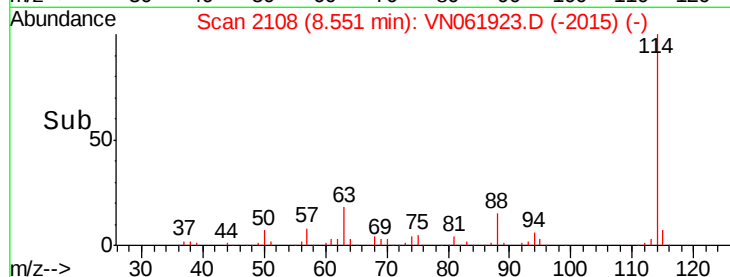
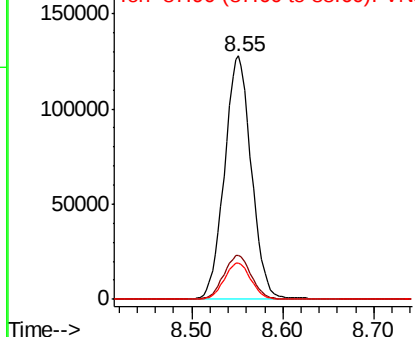
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN061923.D
Acq: 19 Jun 2020 1:41

Instrument :
MSVOA_N
ClientSampleId :
TR-05-061720

Tot Ion:114 Resp: 262068
Ion Ratio Lower Upper
114 100
63 18.2 0.0 37.6
88 14.9 0.0 31.0

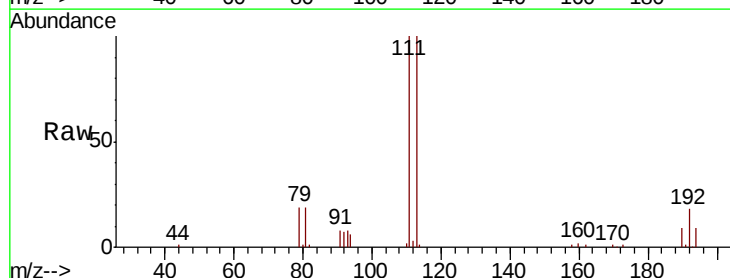


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

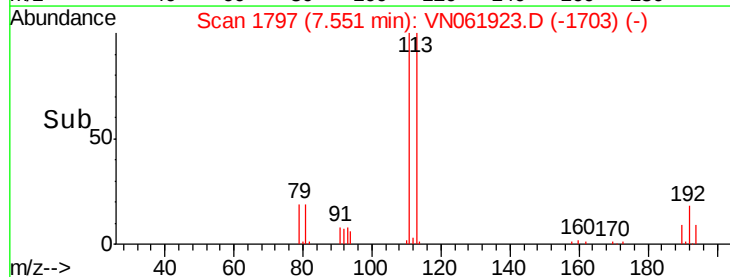
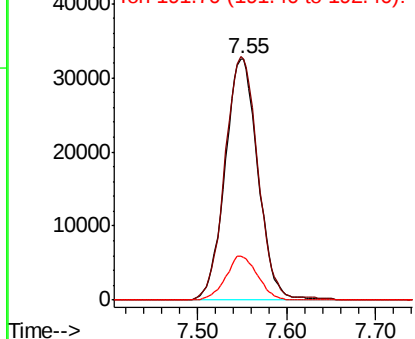


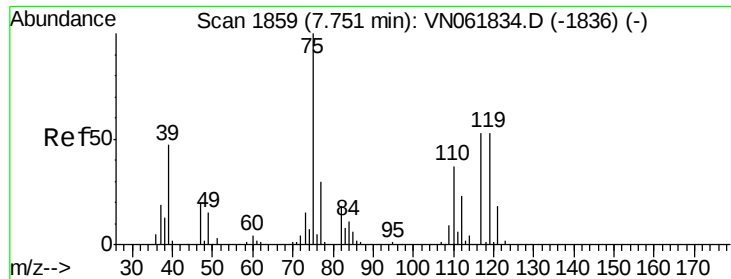
#35
Dibromofluoromethane
Concen: 49.493 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN061923.D
Acq: 19 Jun 2020 1:41

Tgt Ion:113 Resp: 82978
Ion Ratio Lower Upper
113 100
111 100.8 83.7 125.5
192 17.8 13.9 20.9



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

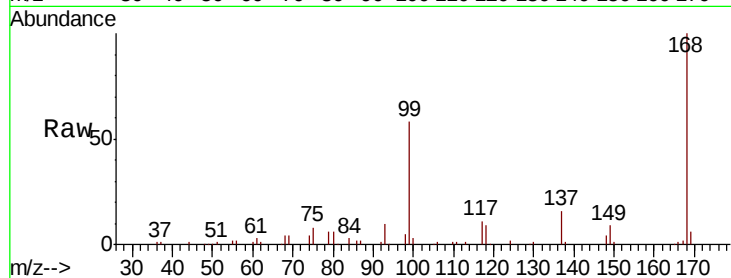




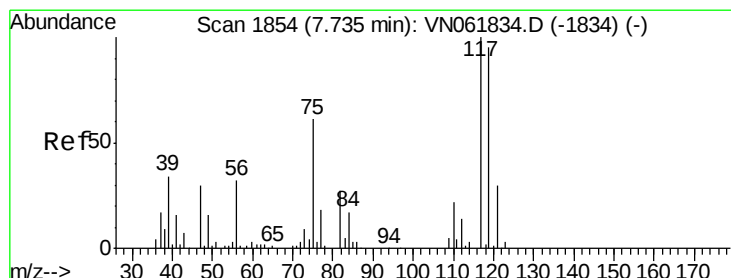
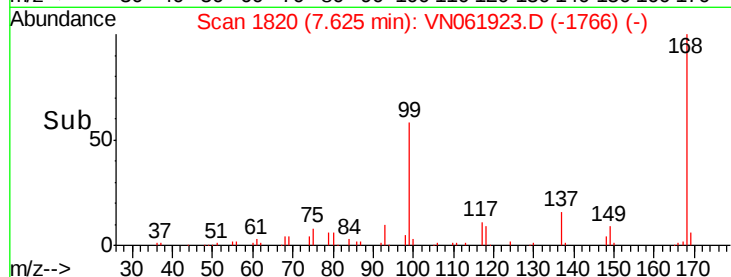
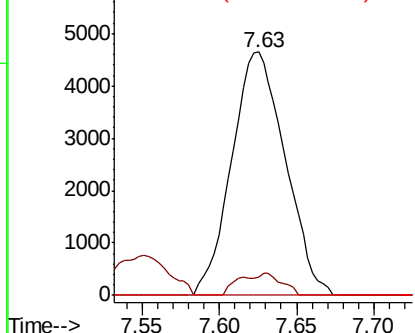
#36
 1,1-Dichloropropene
 Concen: 4.677 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN061923.D
 Acq: 19 Jun 2020 1:41

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-061720

Tot Ion	Ratio	Lower	Upper
75	100		
110	4.1	18.2	54.6#
77	0.0	24.2	36.4#

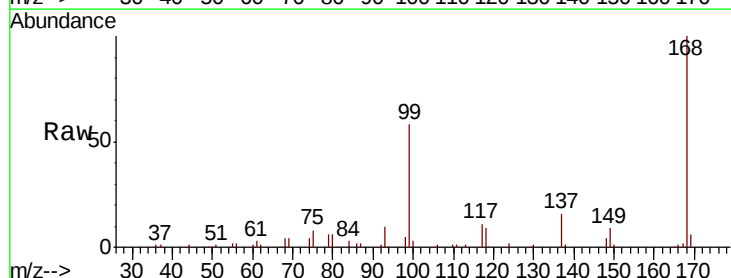


Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-1836) (-)
 Ion 109.90 (109.60 to 110.60): VN061834.D (-1836) (-)
 Ion 76.90 (76.60 to 77.60): VN061834.D (-1836) (-)

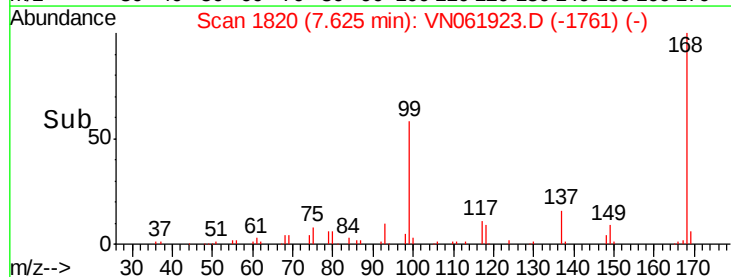
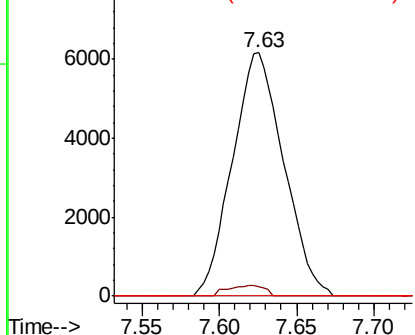


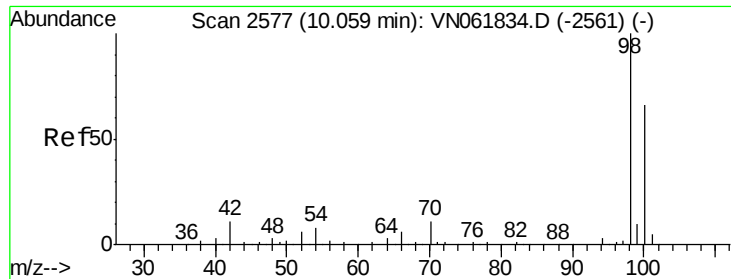
#38
 Carbon Tetrachloride
 Concen: 5.999 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN061923.D
 Acq: 19 Jun 2020 1:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	75.8	113.6#
121	0.0	23.8	35.6#



Abundance Ion 116.80 (116.50 to 117.50): VN061834.D (-1834) (-)
 Ion 118.80 (118.50 to 119.50): VN061834.D (-1834) (-)
 Ion 120.80 (120.50 to 121.50): VN061834.D (-1834) (-)





#50

Toluene-d8

Concen: 49.246 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061923.D

Acq: 19 Jun 2020 1:41

Instrument :

MSVOA_N

ClientSampleId :

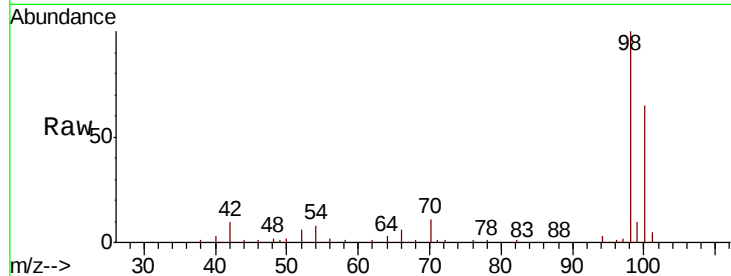
TR-05-061720

Tot Ion: 98 Resp: 324593

Ion Ratio Lower Upper

98 100

100 64.6 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)

10.06

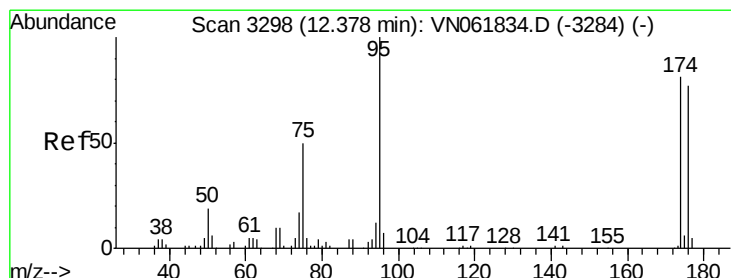
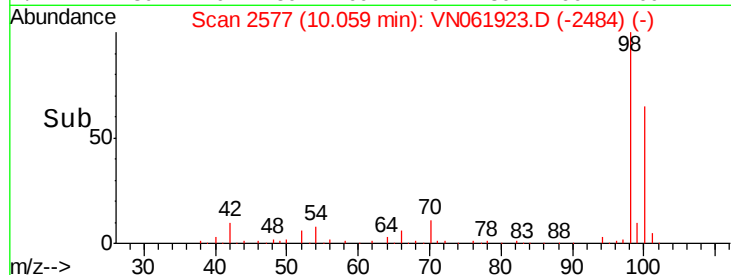
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.138 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061923.D

Acq: 19 Jun 2020 1:41

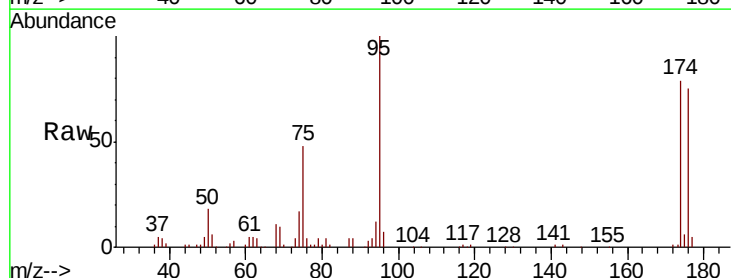
Tgt Ion: 95 Resp: 106576

Ion Ratio Lower Upper

95 100

174 80.5 0.0 158.6

176 76.6 0.0 152.0



Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN061834.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN061834.D (-3284) (-)

12.38

80000

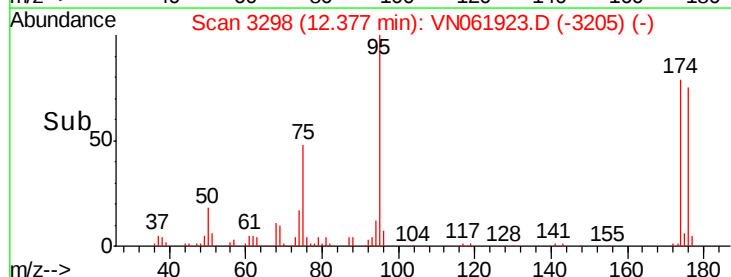
60000

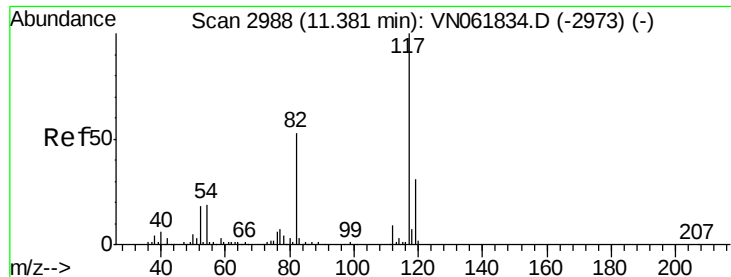
40000

20000

0

Time-->

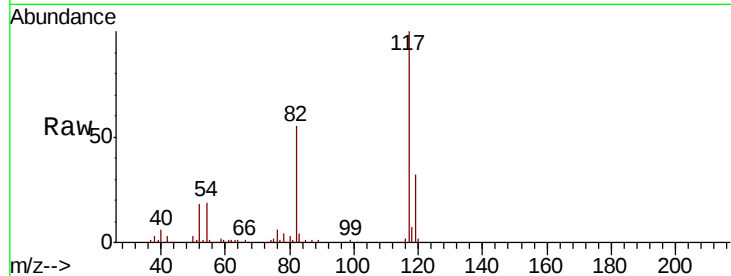




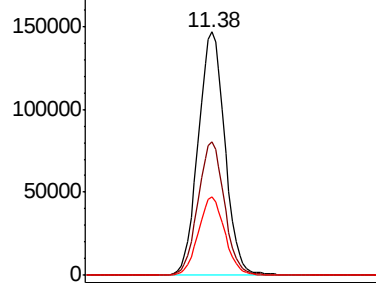
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061923.D
Acq: 19 Jun 2020 1:41

Instrument :
MSVOA_N
ClientSampleId :
TR-05-061720

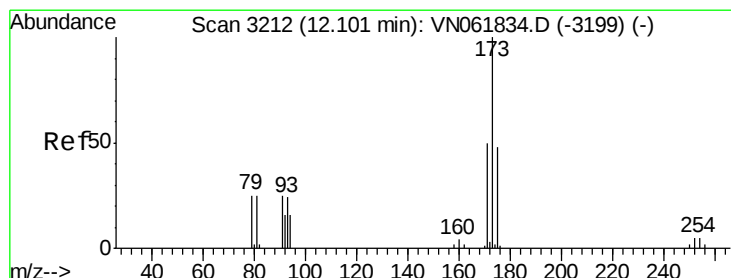
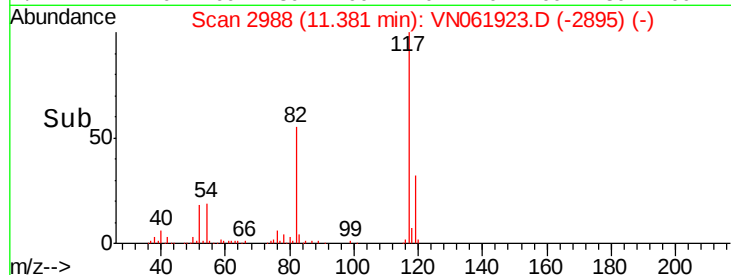
Tot Ion:117 Resp: 253155
Ion Ratio Lower Upper
117 100
82 54.8 42.6 64.0
119 32.0 24.7 37.1



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

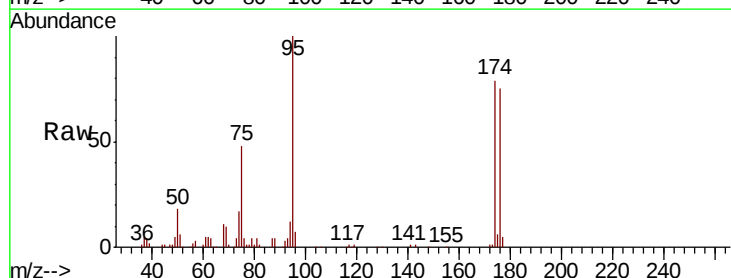


Time-->

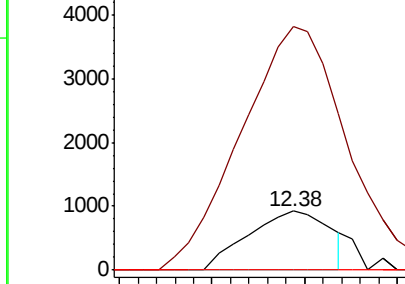


#71
Bromoform
Concen: 0.834 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN061923.D
Acq: 19 Jun 2020 1:41

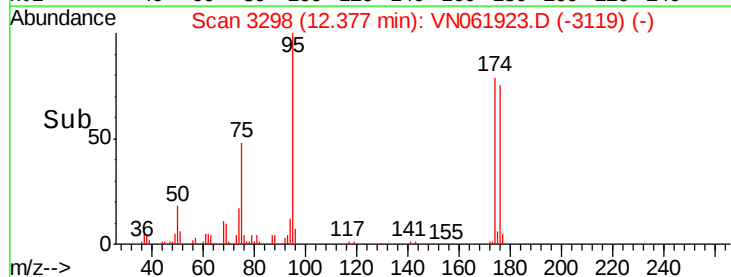
Tgt Ion:173 Resp: 1133
Ion Ratio Lower Upper
173 100
175 456.9 23.9 71.7#
254 0.0 0.0 0.0

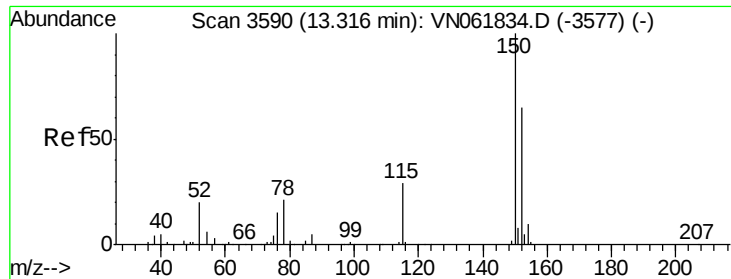


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061923.D

Acq: 19 Jun 2020 1:41

Instrument :

MSVOA_N

ClientSampleId :

TR-05-061720

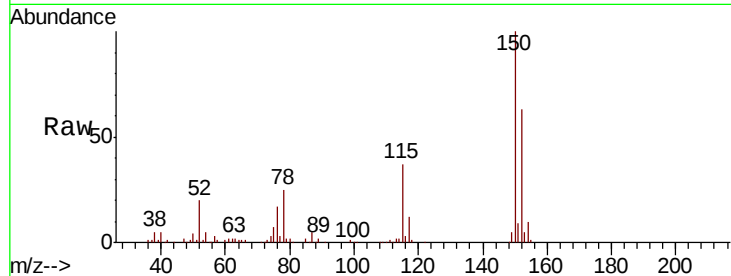
Tot Ion:152 Resp: 99170

Ion Ratio Lower Upper

152 100

115 58.2 29.1 87.3

150 158.8 0.0 347.6

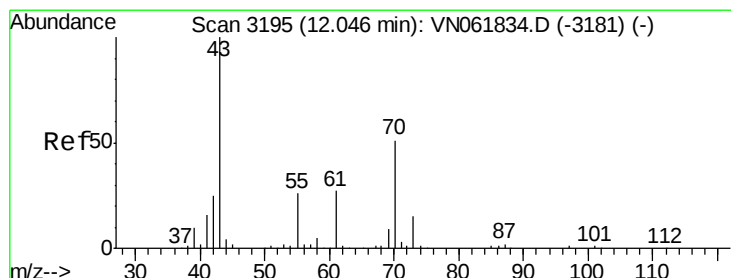
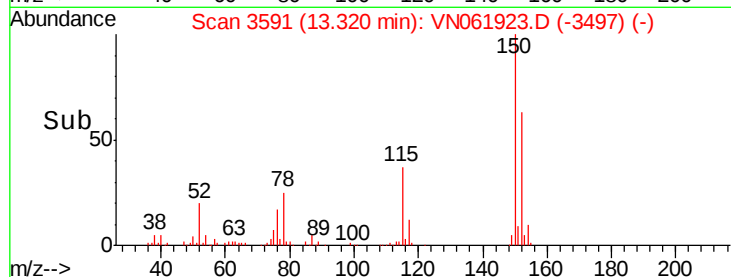
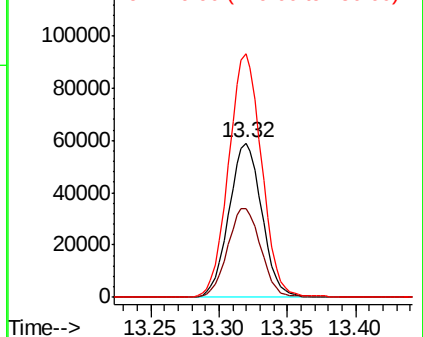


Abundance

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-ethyl acetate

Concen: 3.088 ug/l

RT: 12.01 min Scan# 3185

Delta R.T. -0.03 min

Lab File: VN061923.D

Acq: 19 Jun 2020 1:41

Tgt Ion: 43 Resp: 64

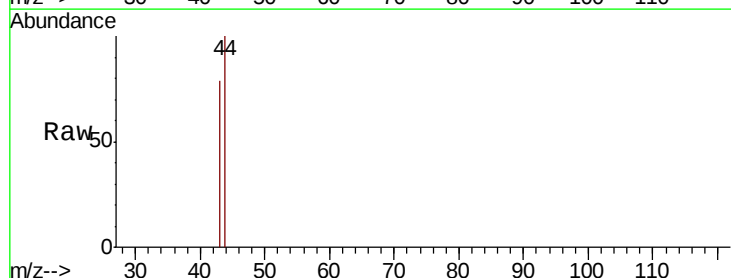
Ion Ratio Lower Upper

43 100

70 0.0 40.6 60.8#

55 0.0 21.5 32.3#

61 0.0 21.6 32.4#



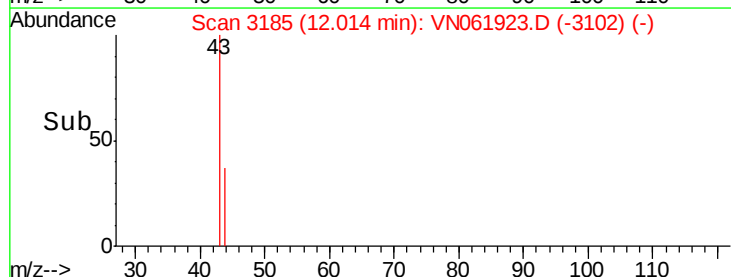
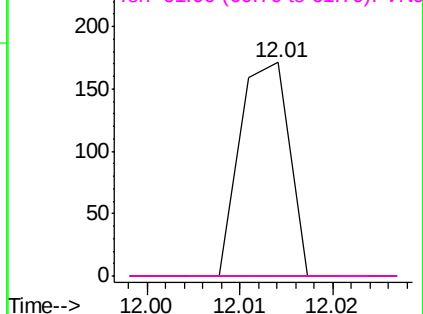
Abundance

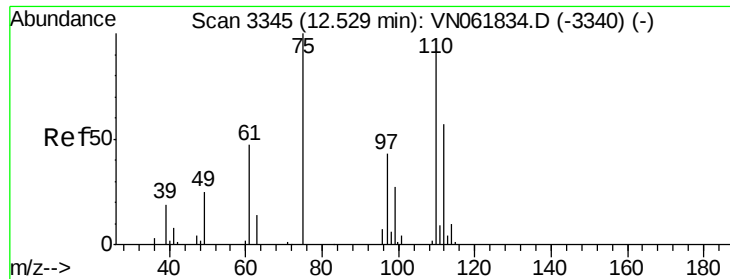
Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 27.023 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061923.D

Acq: 19 Jun 2020 1:41

Instrument :

MSVOA_N

ClientSampleId :

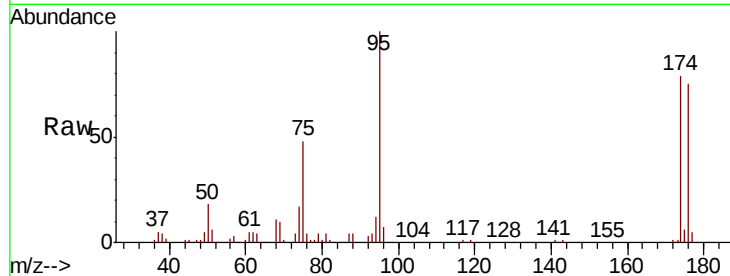
TR-05-061720

Tot Ion: 75 Resp: 52612

Ion Ratio Lower Upper

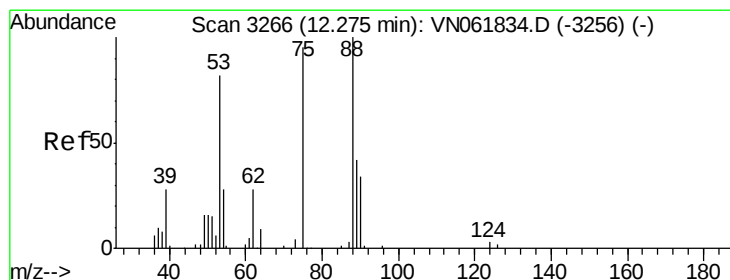
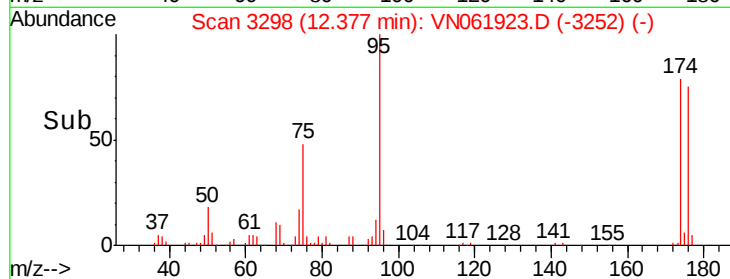
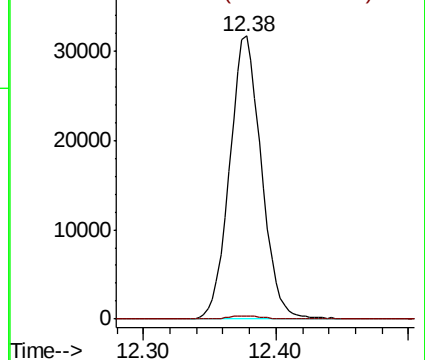
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 73.702 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061923.D

Acq: 19 Jun 2020 1:41

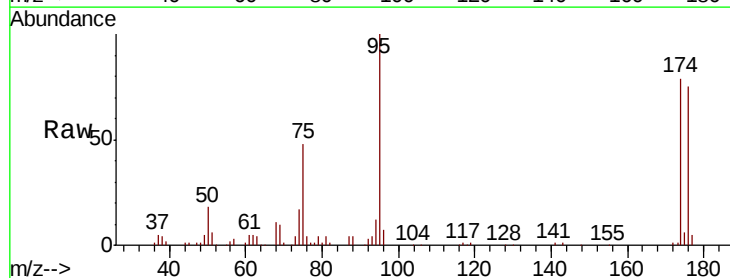
Tgt Ion: 75 Resp: 52612

Ion Ratio Lower Upper

75 100

53 0.0 70.4 105.6#

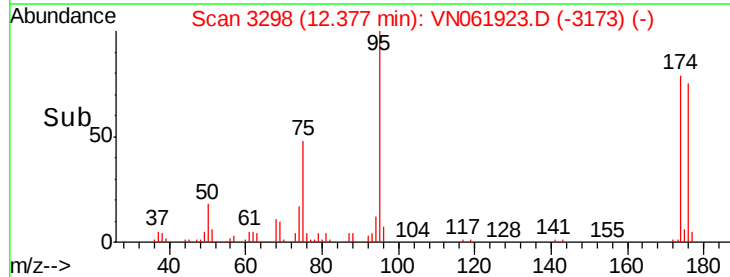
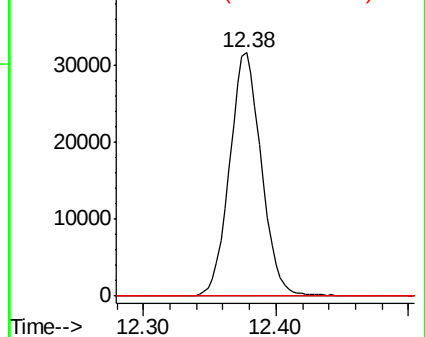
89 0.0 36.0 54.0#

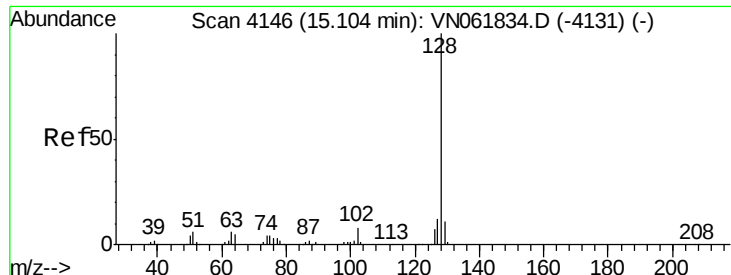


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#95
Naphthalene
Concen: 3.602 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN061923.D
Acq: 19 Jun 2020 1:41

Instrument :
MSVOA_N
ClientSampleId :
TR-05-061720

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

