

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061948.D
 Acq On : 19 Jun 2020 13:37
 Operator : JC/MD
 Sample : L3026-01 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0571

Quant Time: Jun 20 08:01:28 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

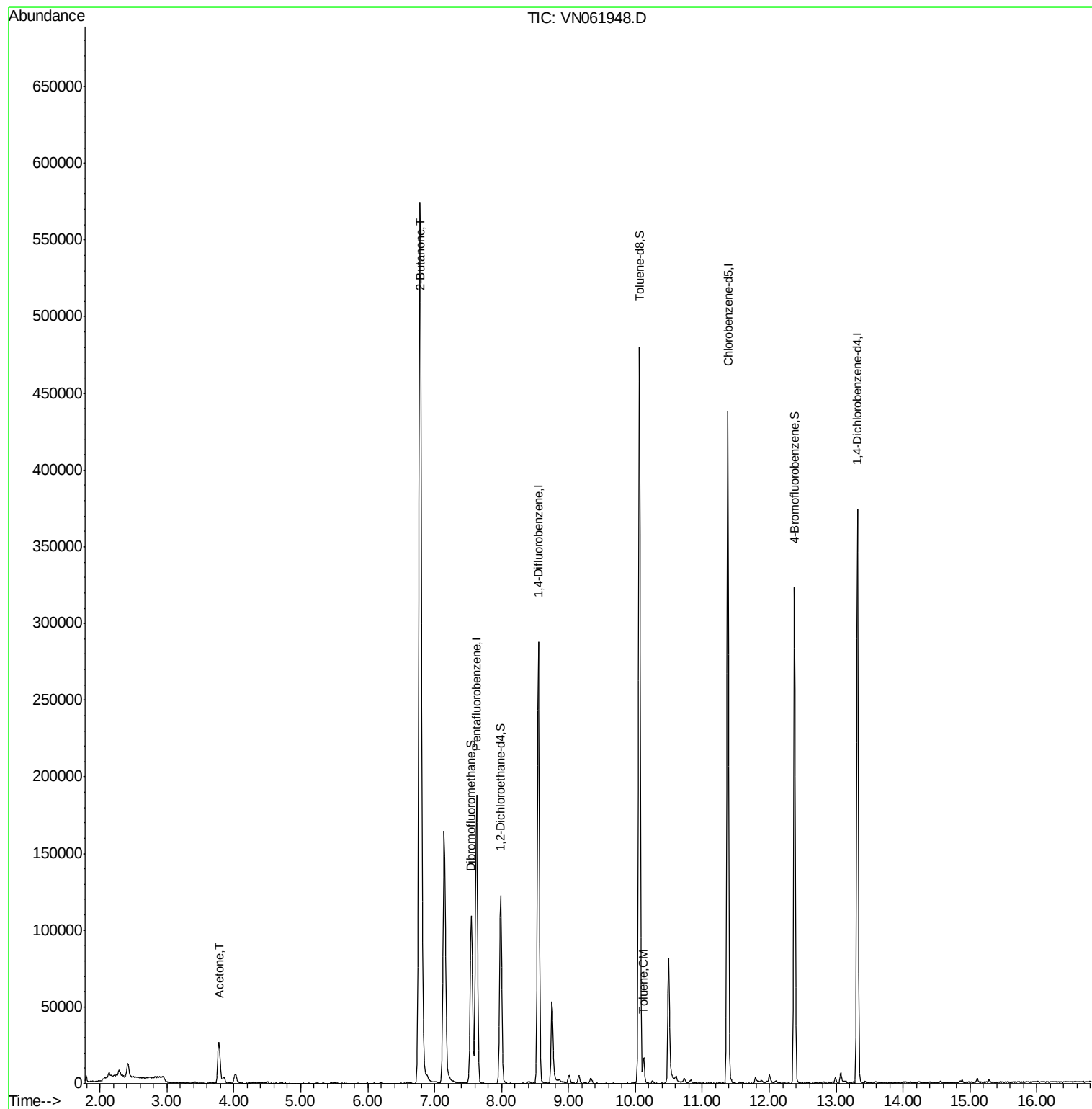
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	151261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	269628	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	257686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	102521	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	99077	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
35) Dibromofluoromethane	7.55	113	85321	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
50) Toluene-d8	10.06	98	339610	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	12.38	95	112417	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
Target Compounds						
16) Acetone	3.78	43	44281	73.898	ug/l	97
25) 2-Butanone	6.78	43	986635	1128.531	ug/l	99
52) Toluene	10.13	92	7048	1.506	ug/l	98

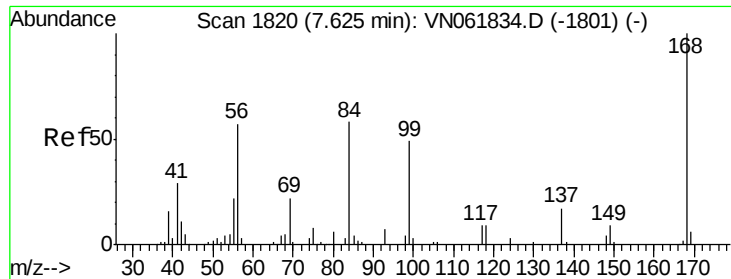
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061948.D

Acq: 19 Jun 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

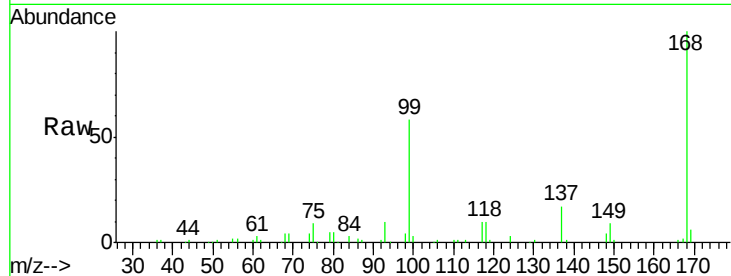
S49-0571

Tot Ion:168 Resp: 151261

Ion Ratio Lower Upper

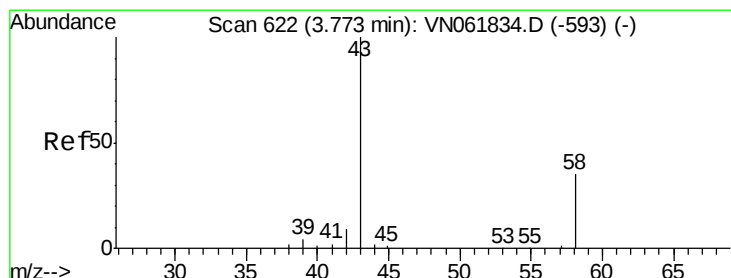
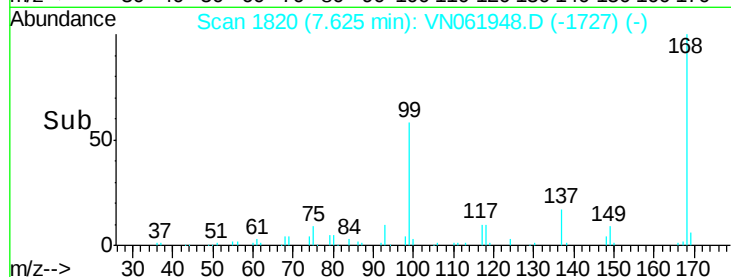
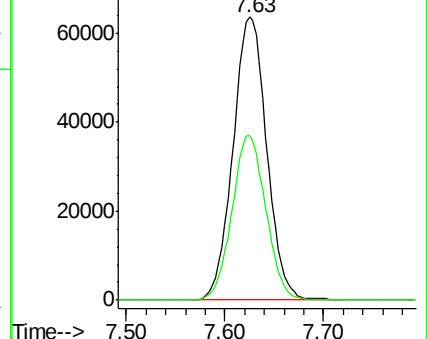
168 100

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): VN0



#16

Acetone

Concen: 73.898 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061948.D

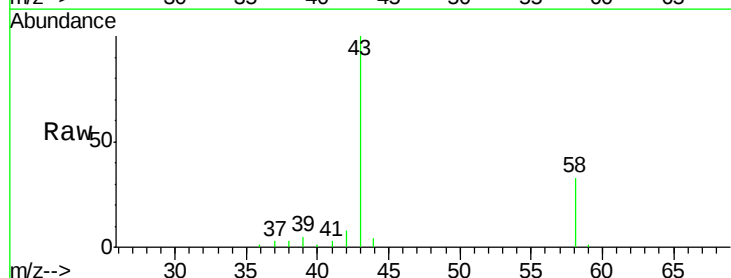
Acq: 19 Jun 2020 13:37

Tgt Ion: 43 Resp: 44281

Ion Ratio Lower Upper

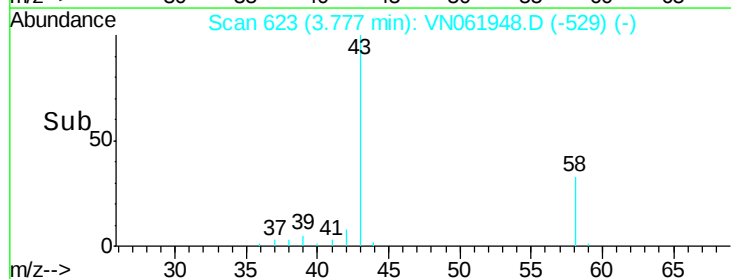
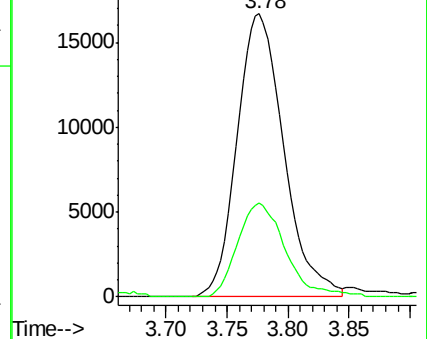
43 100

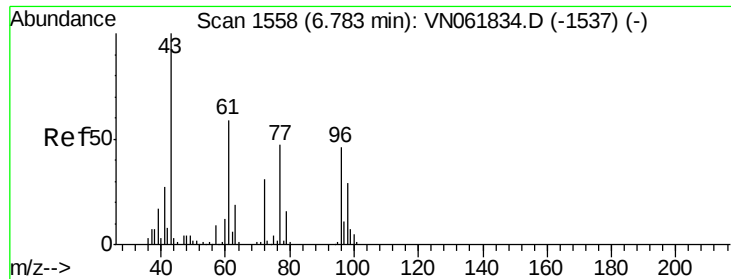
58 33.4 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

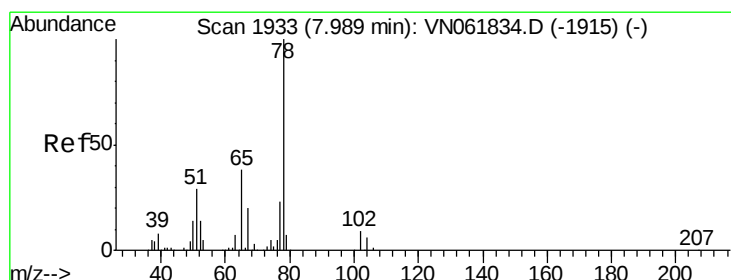
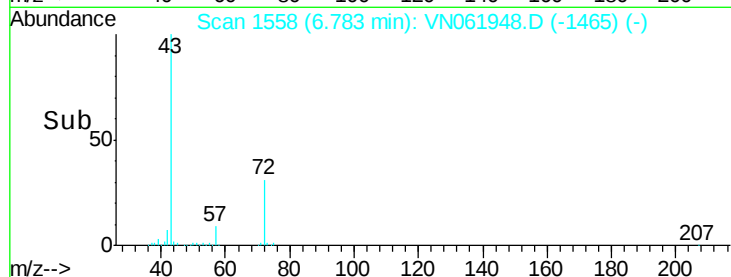
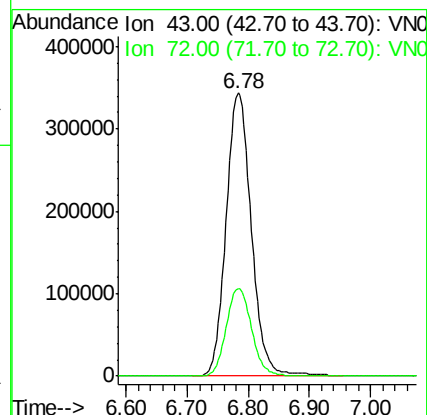
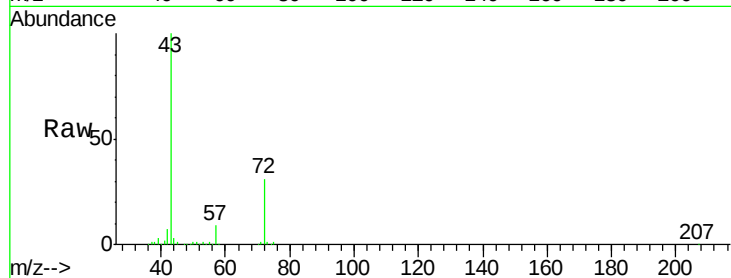




#25
 2-Butanone
 Concen: 1128.531 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VN061948.D
 Acq: 19 Jun 2020 13:37

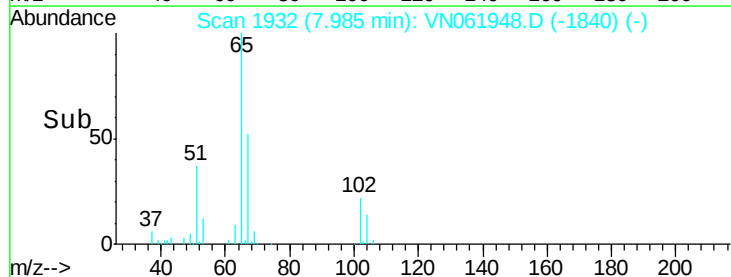
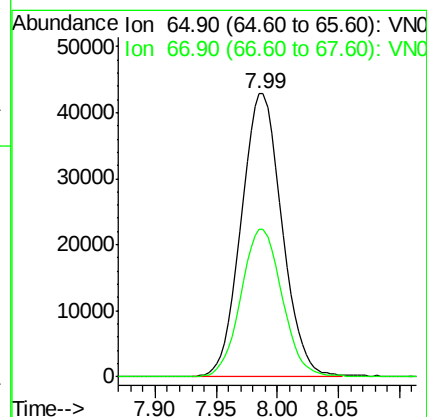
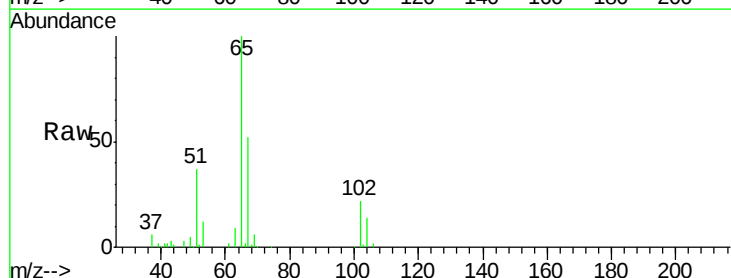
Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0571

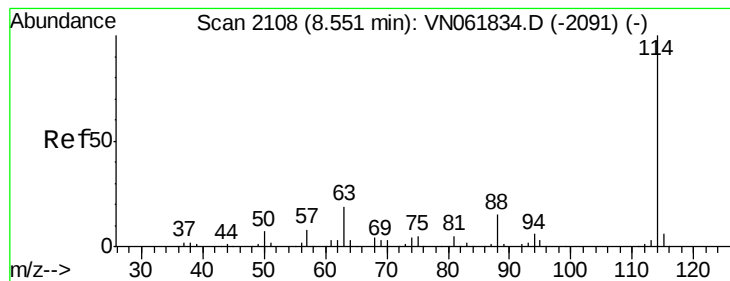
Tot Ion: 43 Resp: 986635
 Ion Ratio Lower Upper
 43 100
 72 31.1 24.6 37.0



#33
 1,2-Dichloroethane-d4
 Concen: 48.839 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061948.D
 Acq: 19 Jun 2020 13:37

Tgt Ion: 65 Resp: 99077
 Ion Ratio Lower Upper
 65 100
 67 52.5 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: VN061948.D

Acq: 19 Jun 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

S49-0571

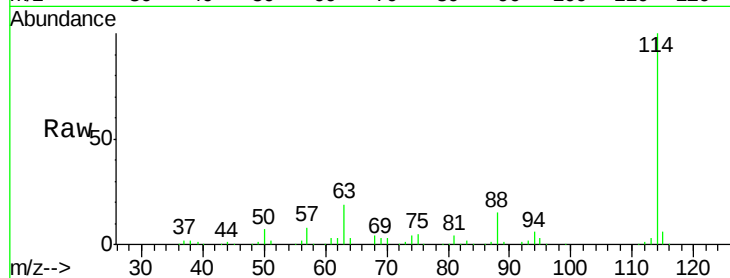
Tot Ion:114 Resp: 269628

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.6

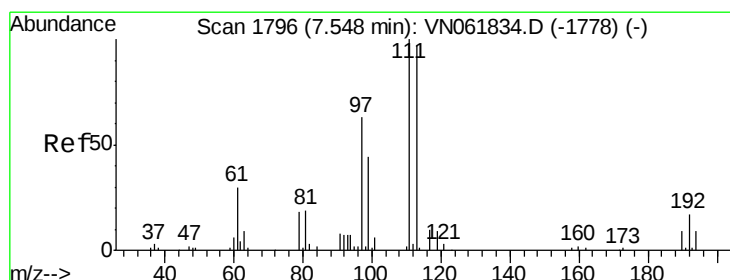
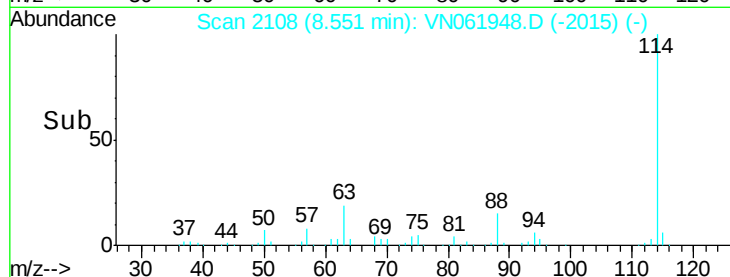
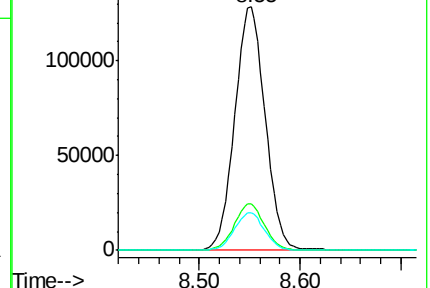
88 15.5 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 49.463 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061948.D

Acq: 19 Jun 2020 13:37

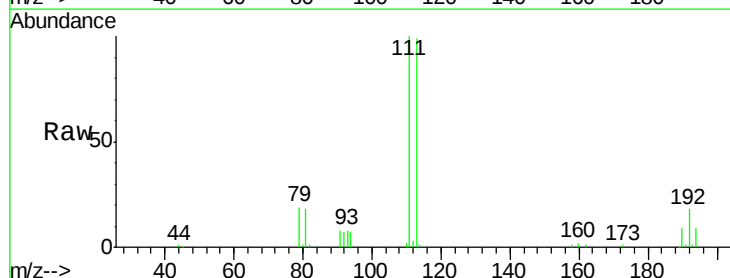
Tgt Ion:113 Resp: 85321

Ion Ratio Lower Upper

113 100

111 103.3 83.7 125.5

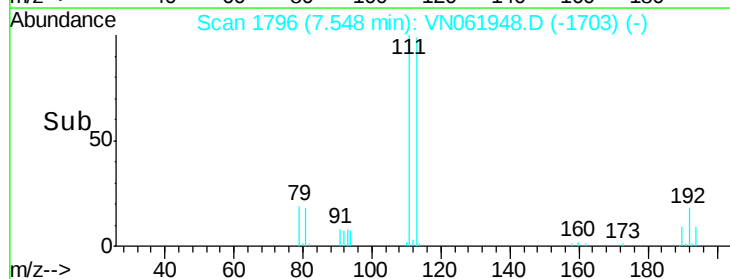
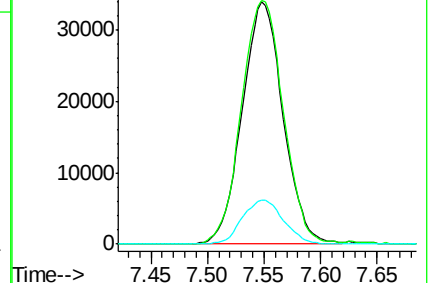
192 18.3 13.9 20.9

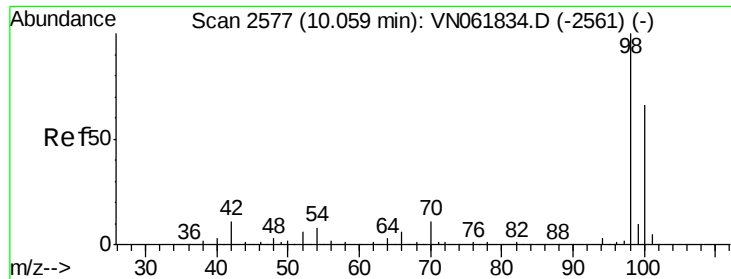


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.079 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061948.D

Acq: 19 Jun 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

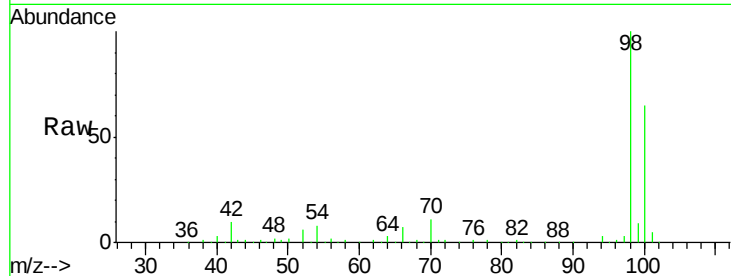
S49-0571

Tot Ion: 98 Resp: 339610

Ion Ratio Lower Upper

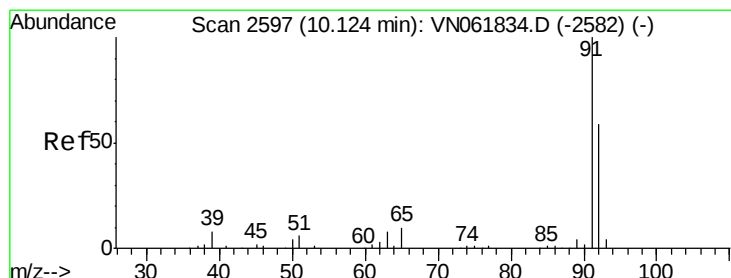
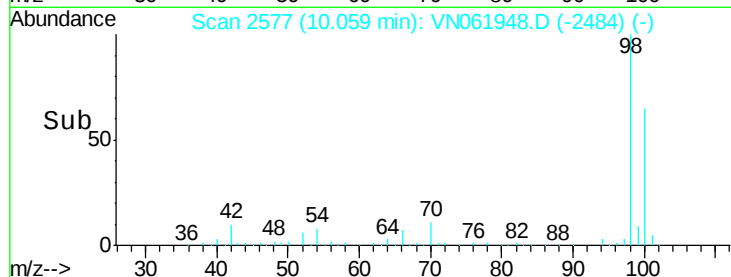
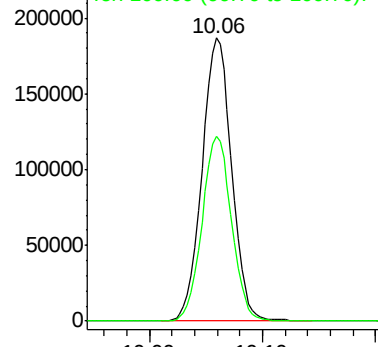
98 100

100 65.3 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

Toluene

Concen: 1.506 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN061948.D

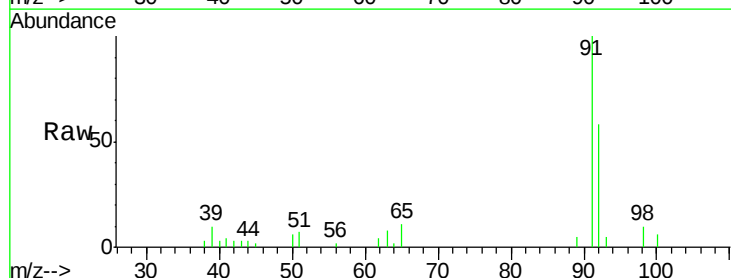
Acq: 19 Jun 2020 13:37

Tgt Ion: 92 Resp: 7048

Ion Ratio Lower Upper

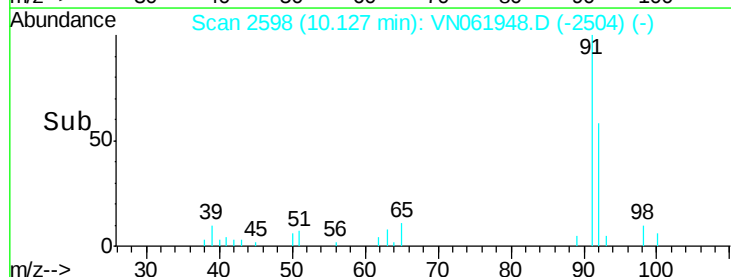
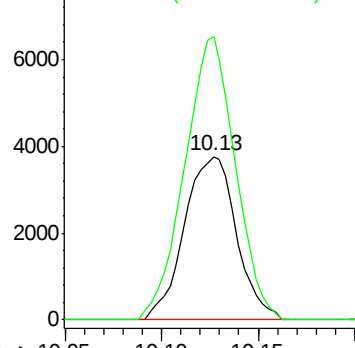
92 100

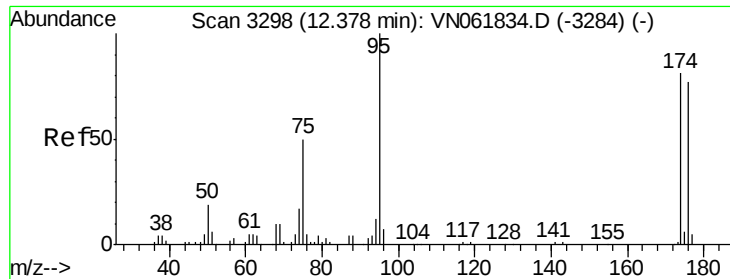
91 168.3 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

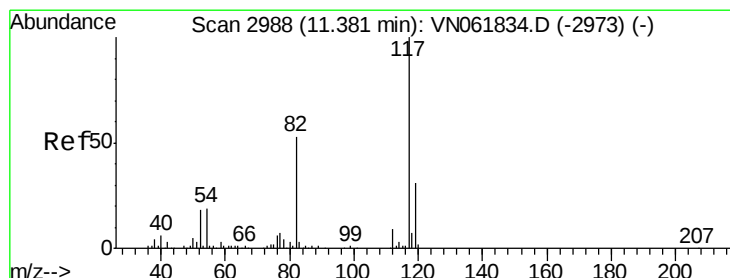
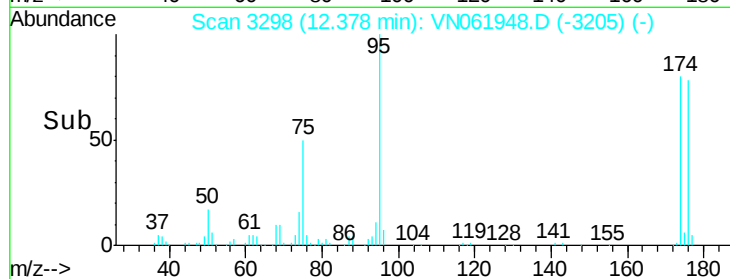
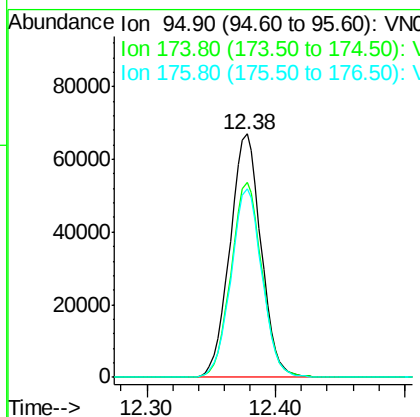
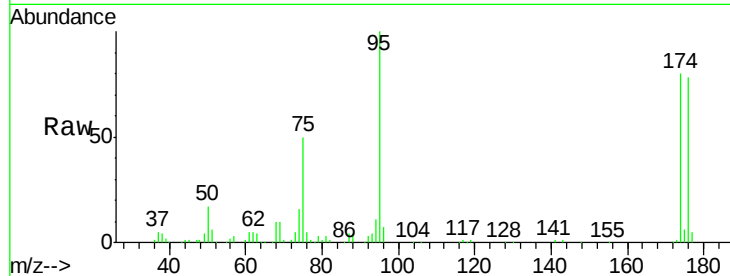




#62
 4-Bromofluorobenzene
 Concen: 48.328 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN061948.D
 Acq: 19 Jun 2020 13:37

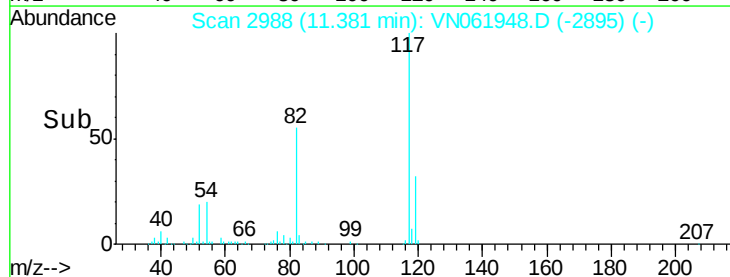
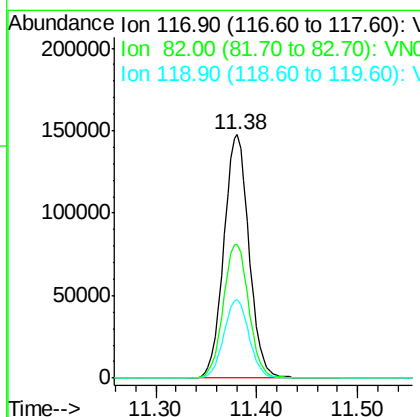
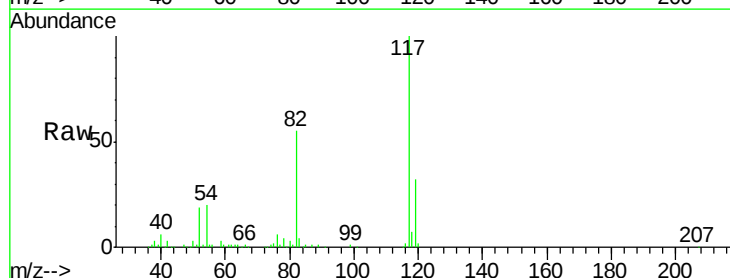
Instrument :
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 S49-0571

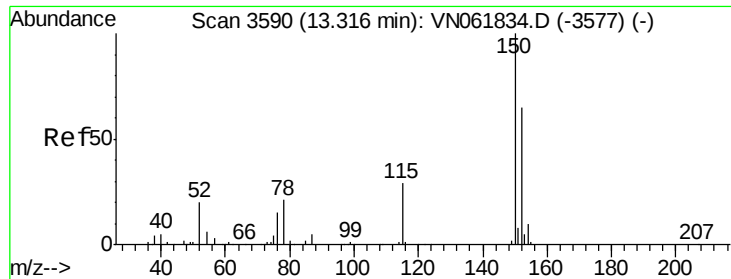
Tot Ion: 95 Resp: 112417
 Ion Ratio Lower Upper
 95 100
 174 79.9 0.0 158.6
 176 77.0 0.0 152.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2988
 Delta R.T. 0.00 min
 Lab File: VN061948.D
 Acq: 19 Jun 2020 13:37

Tgt Ion: 117 Resp: 257686
 Ion Ratio Lower Upper
 117 100
 82 55.1 42.6 64.0
 119 32.0 24.7 37.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061948.D

Acq: 19 Jun 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

S49-0571

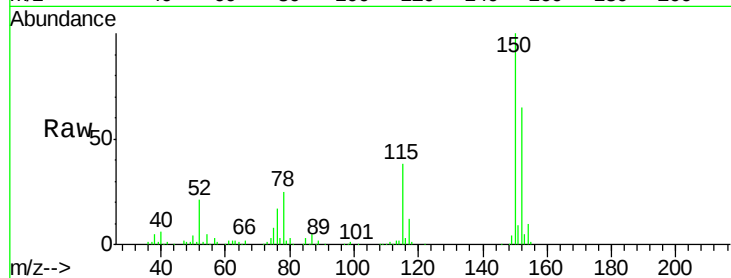
Tot Ion:152 Resp: 102521

Ion Ratio Lower Upper

152 100

115 59.5 29.1 87.3

150 160.2 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

