

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061957.D
 Acq On : 19 Jun 2020 17:11
 Operator : JC/MD
 Sample : L2984-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563

Quant Time: Jun 22 00:57:16 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

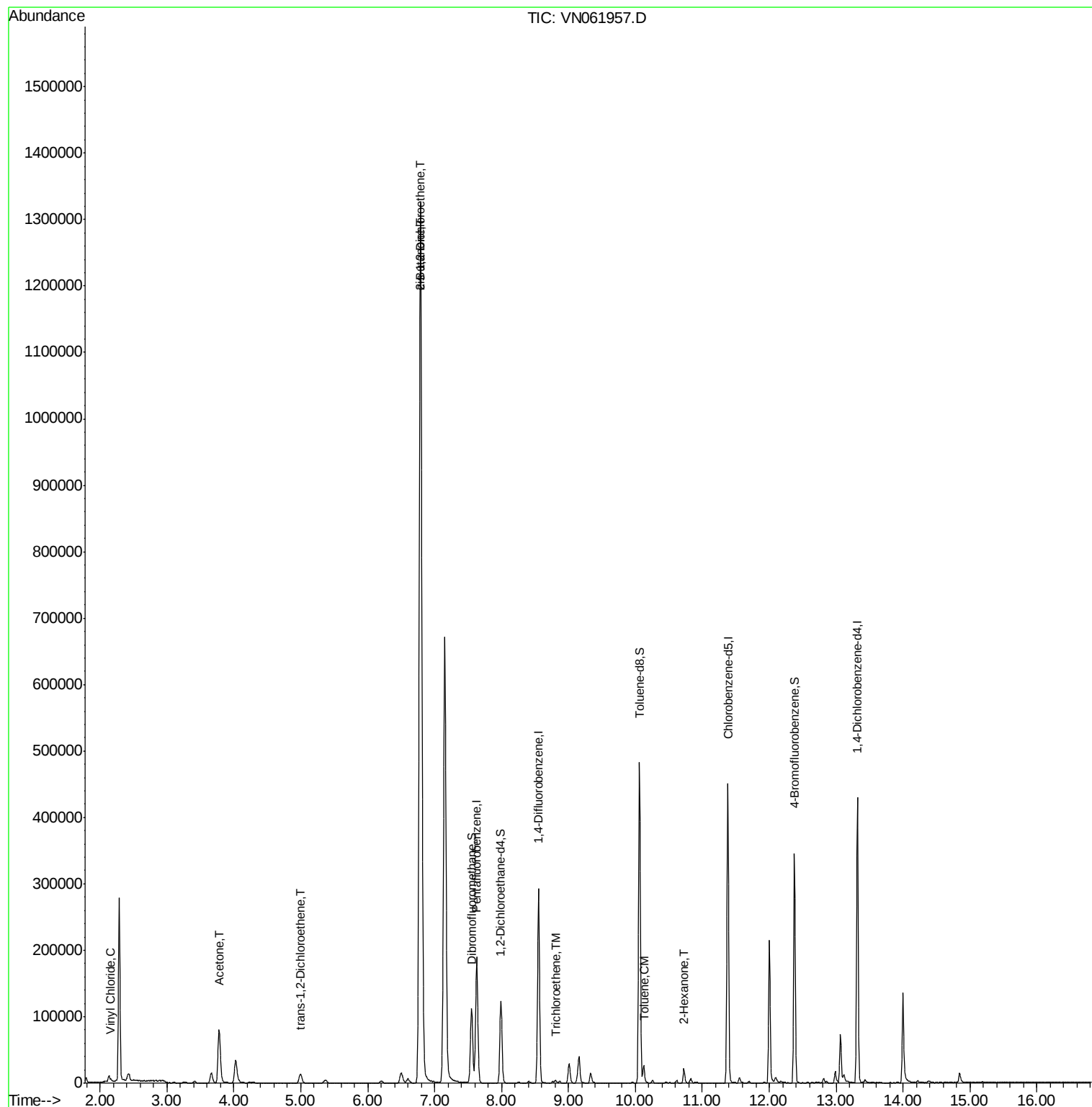
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	152336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	271255	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	264300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	116371	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	100793	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
35) Dibromofluoromethane	7.55	113	86715	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
50) Toluene-d8	10.06	98	340074	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.38	95	120658	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.16	62	3152	1.250	ug/l	93
16) Acetone	3.78	43	129361	214.358	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	9522	5.356	ug/l	98
25) 2-Butanone	6.79	43	2202936	2501.977	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	21554	10.507	ug/l	90
44) Trichloroethene	8.81	130	1634	0.828	ug/l	98
52) Toluene	10.13	92	12010	2.552	ug/l	97
59) 2-Hexanone	10.72	43	14542	22.360	ug/l	91

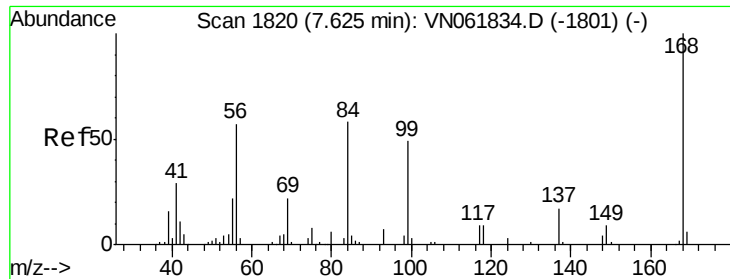
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN061957.D

Acq: 19 Jun 2020 17:11

Instrument :

MSVOA_N

ClientSampleId :

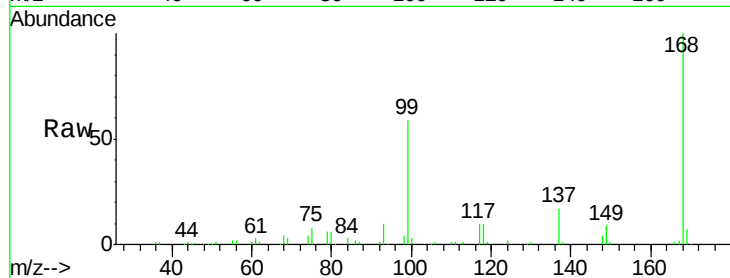
S49-0563

Tot Ion:168 Resp: 152336

Ion Ratio Lower Upper

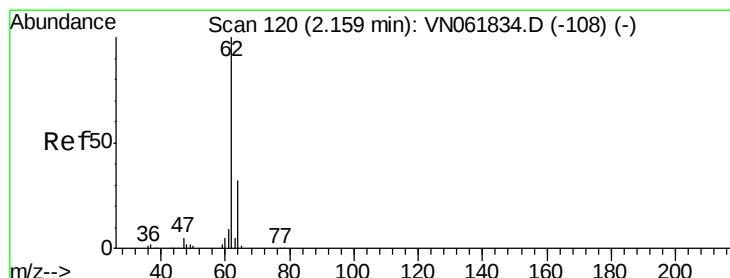
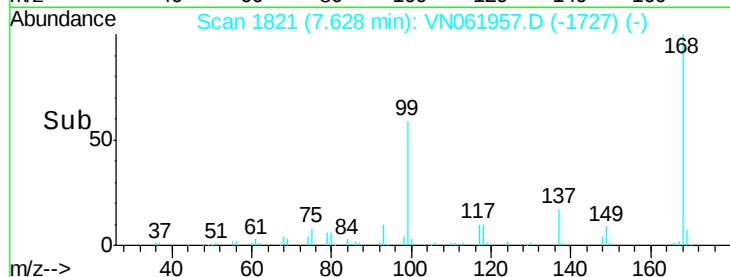
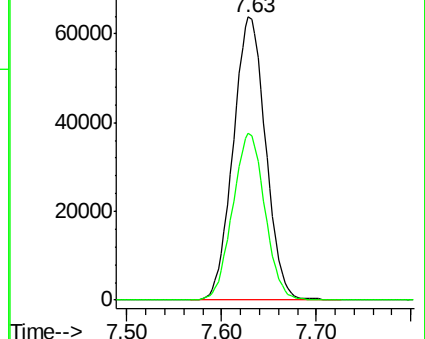
168 100

99 58.9 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#4

Vinyl Chloride

Concen: 1.250 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061957.D

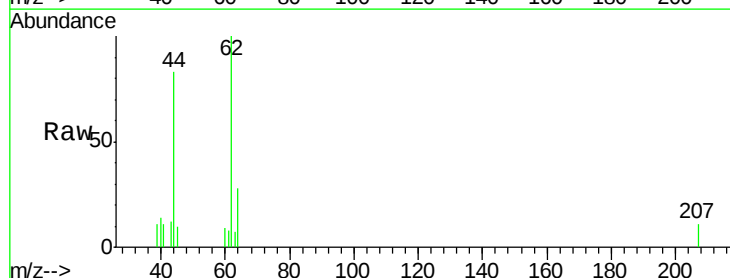
Acq: 19 Jun 2020 17:11

Tgt Ion: 62 Resp: 3152

Ion Ratio Lower Upper

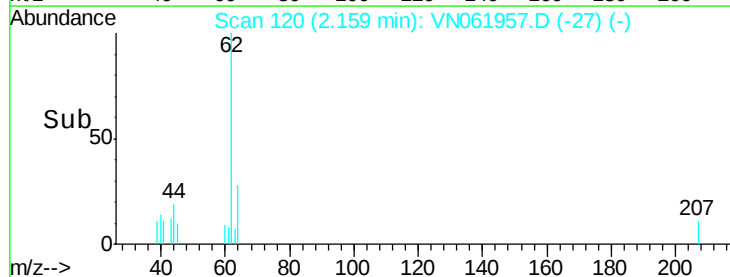
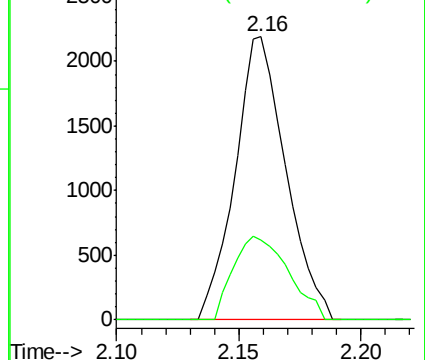
62 100

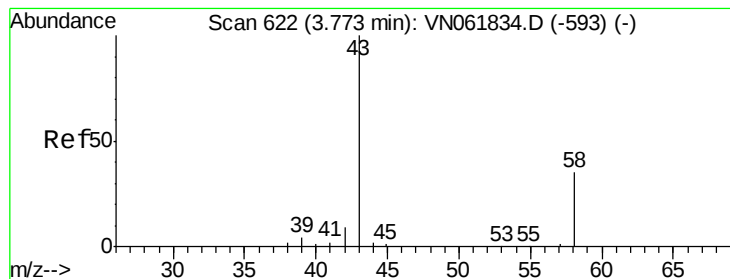
64 28.3 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#16

Acetone

Concen: 214.358 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061957.D

Acq: 19 Jun 2020 17:11

Instrument :

MSVOA_N

ClientSampled :

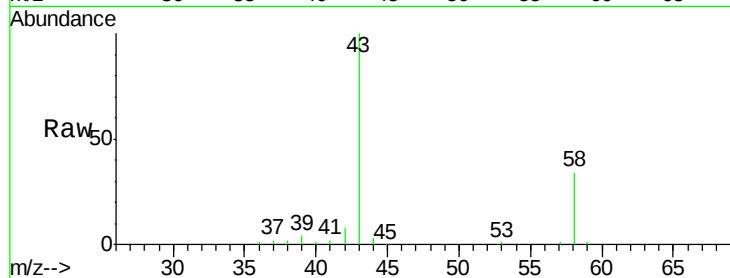
S49-0563

Tot Ion: 43 Resp: 129361

Ion Ratio Lower Upper

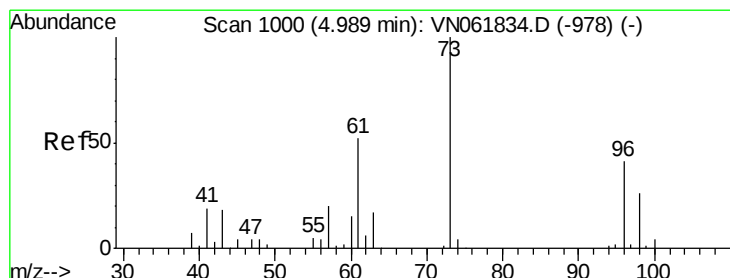
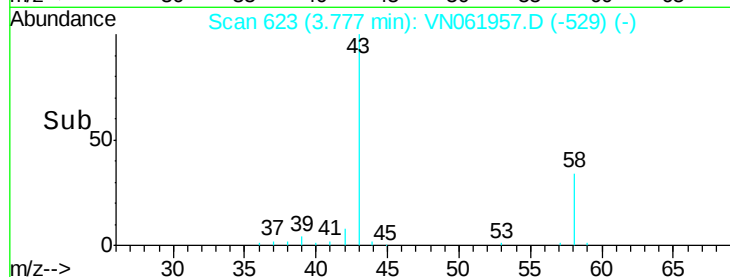
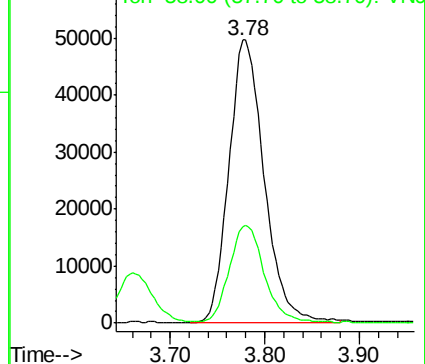
43 100

58 33.6 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#21

trans-1,2-Dichloroethene

Concen: 5.356 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VN061957.D

Acq: 19 Jun 2020 17:11

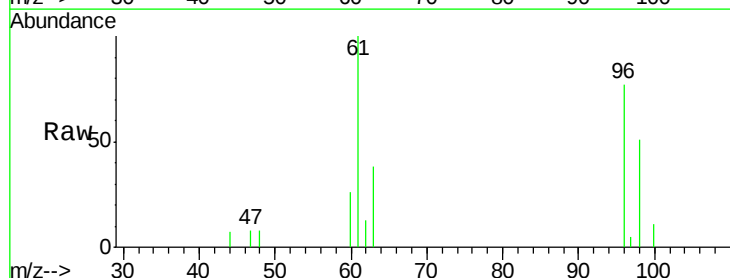
Tgt Ion: 96 Resp: 9522

Ion Ratio Lower Upper

96 100

61 129.1 102.2 153.4

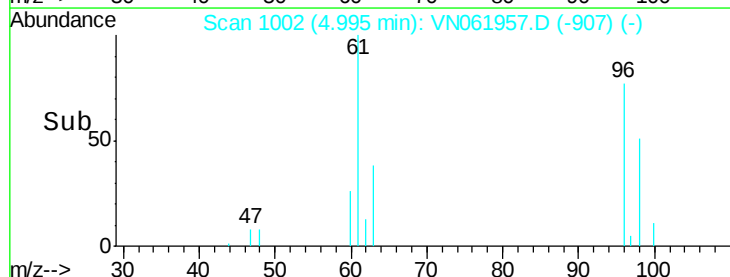
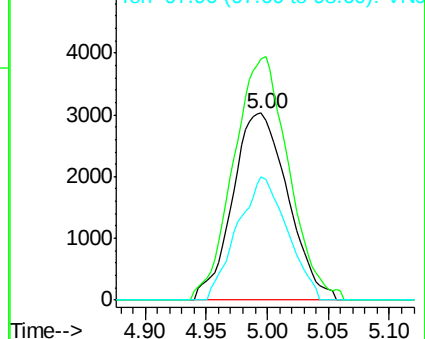
98 66.3 51.2 76.8

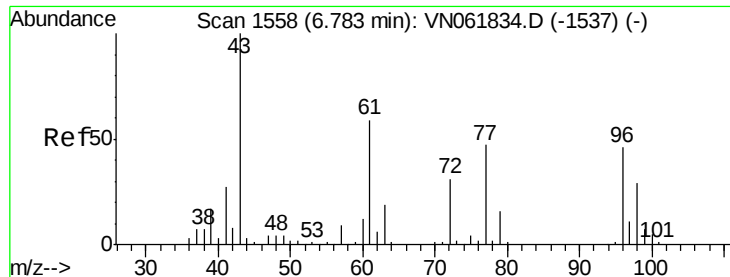


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

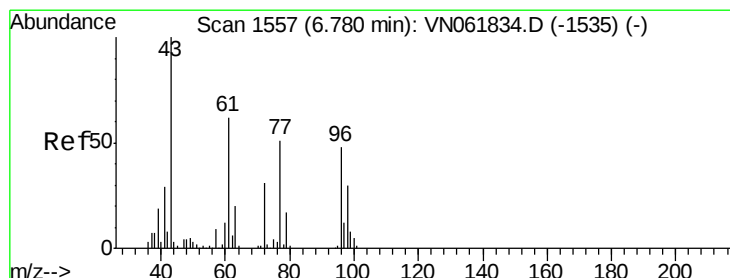
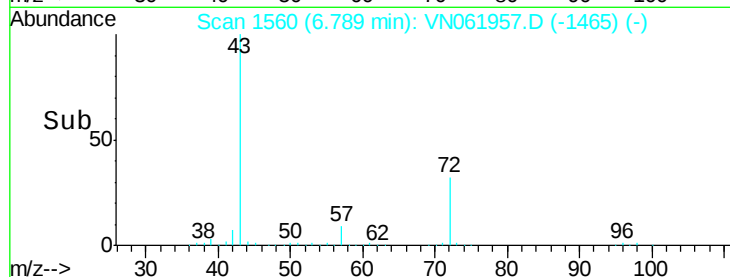
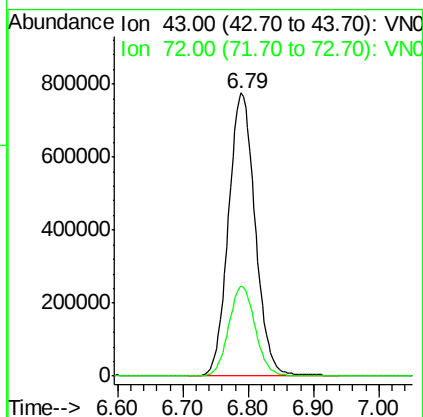
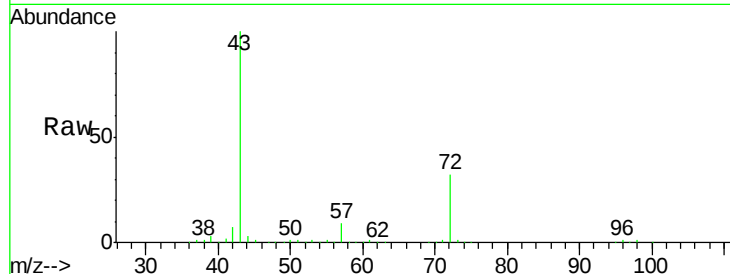




#25
2-Butanone
Concen: 2501.977 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VN061957.D
Acq: 19 Jun 2020 17:11

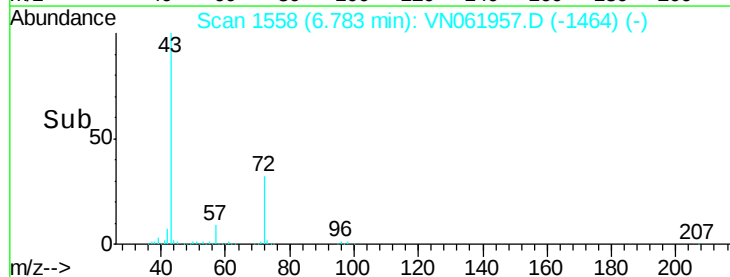
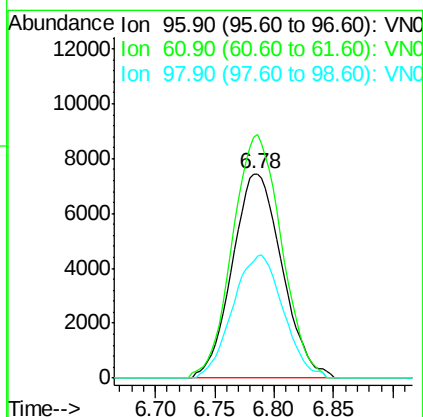
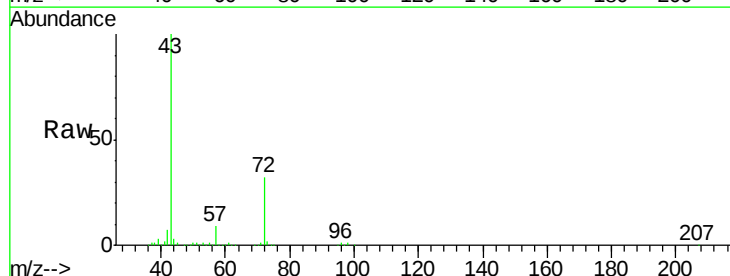
Instrument :
MSVOA_N
ClientSampleId :
S49-0563

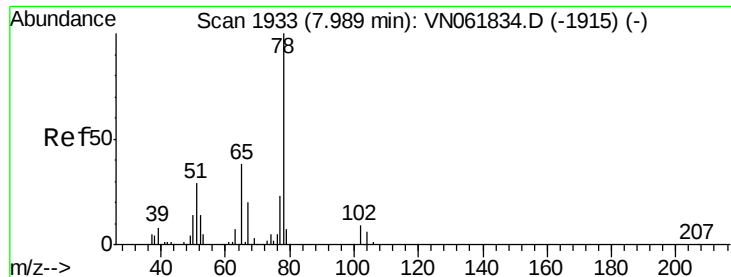
Tot Ion: 43 Resp: 2202936
Ion Ratio Lower Upper
43 100
72 31.9 24.6 37.0



#27
cis-1,2-Dichloroethene
Concen: 10.507 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VN061957.D
Acq: 19 Jun 2020 17:11

Tgt Ion: 96 Resp: 21554
Ion Ratio Lower Upper
96 100
61 117.3 0.0 265.6
98 61.1 0.0 128.2





#33

1,2-Dichloroethane-d4

Concen: 49.335 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN061957.D

Acq: 19 Jun 2020 17:11

Instrument :

MSVOA_N

ClientSampleId :

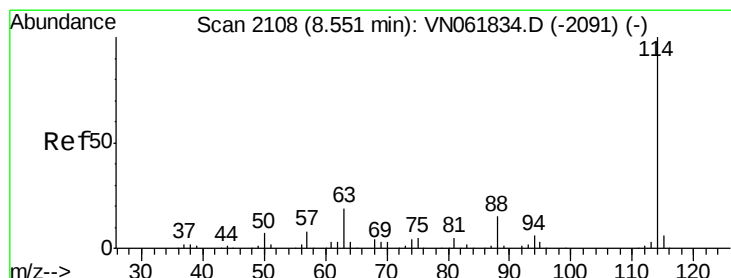
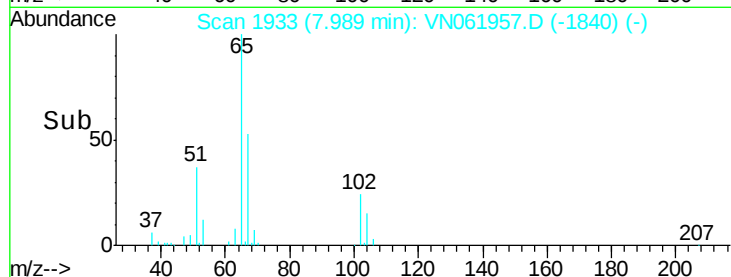
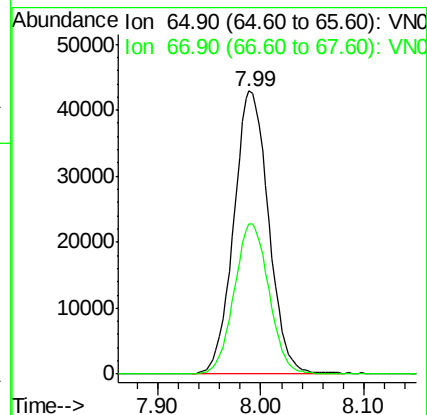
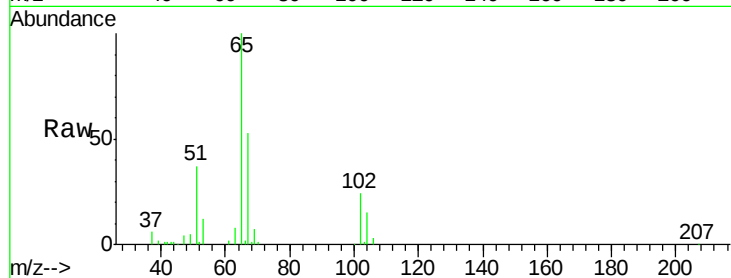
S49-0563

Tot Ion: 65 Resp: 100793

Ion Ratio Lower Upper

65 100

67 53.0 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: VN061957.D

Acq: 19 Jun 2020 17:11

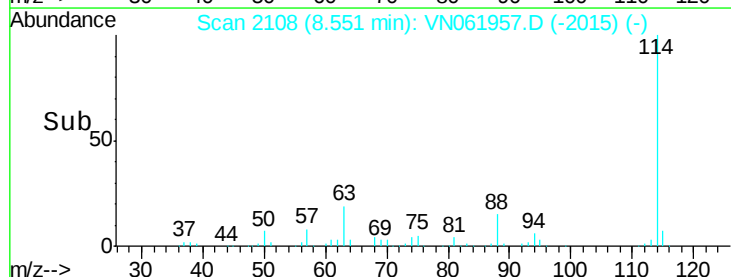
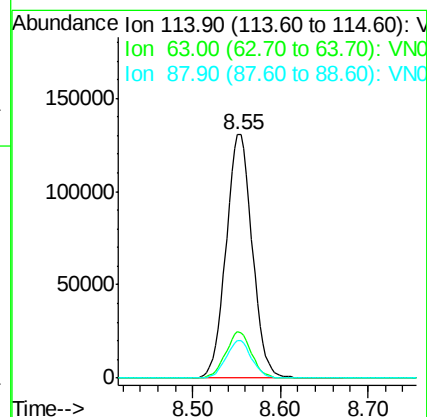
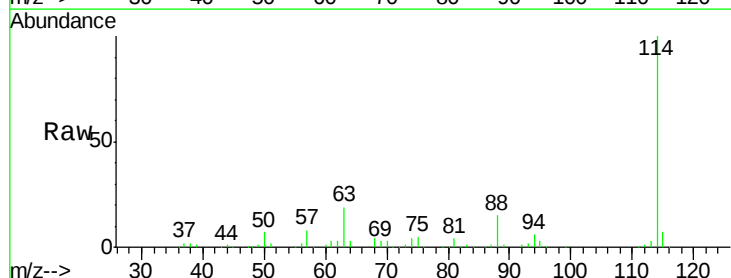
Tgt Ion: 114 Resp: 271255

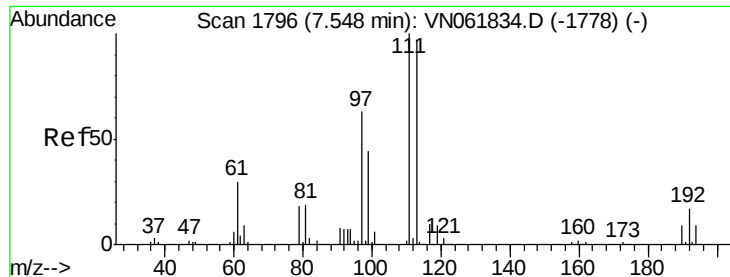
Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.6

88 15.2 0.0 31.0

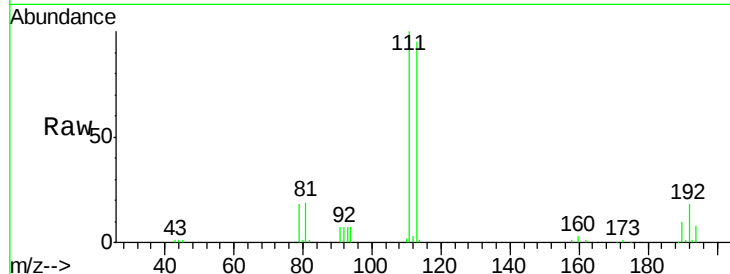




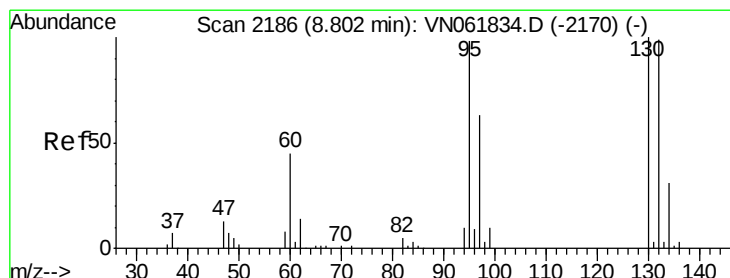
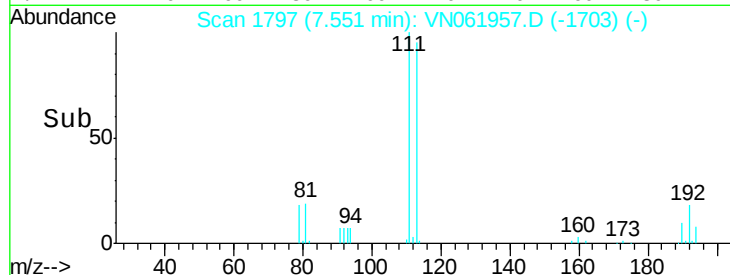
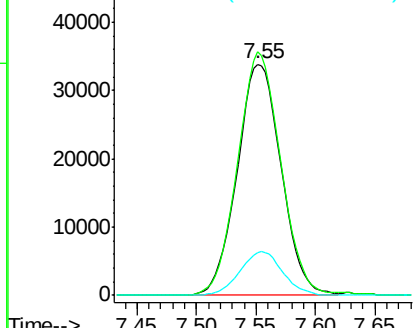
#35
 Dibromofluoromethane
 Concen: 49.970 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061957.D
 Acq: 19 Jun 2020 17:11

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563

Tot Ion:113 Resp: 86715
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.7 125.5
 192 18.4 13.9 20.9

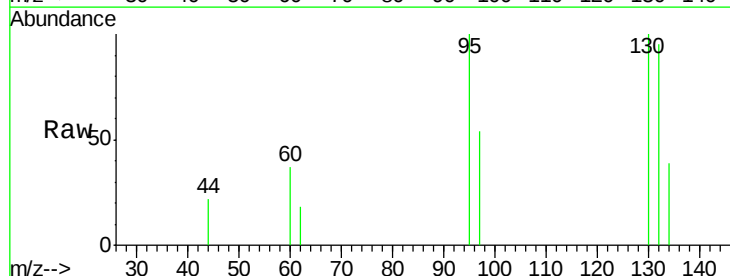


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

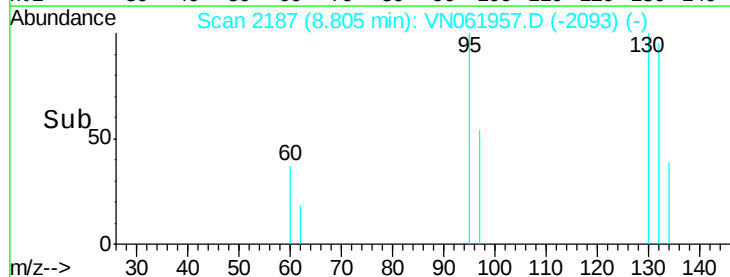
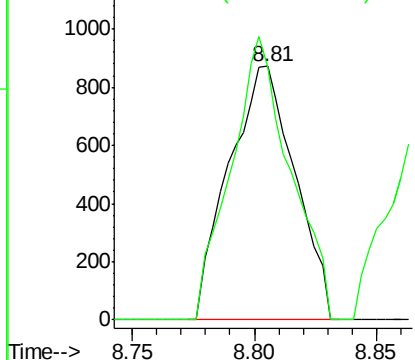


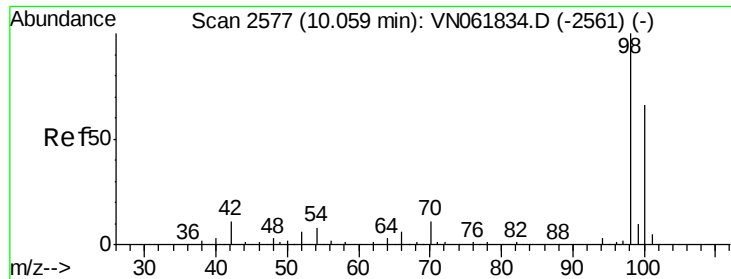
#44
 Trichloroethene
 Concen: 0.828 ug/l
 RT: 8.81 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VN061957.D
 Acq: 19 Jun 2020 17:11

Tgt Ion:130 Resp: 1634
 Ion Ratio Lower Upper
 130 100
 95 99.5 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 49.847 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN061957.D

Acq: 19 Jun 2020 17:11

Instrument :

MSVOA_N

ClientSampleId :

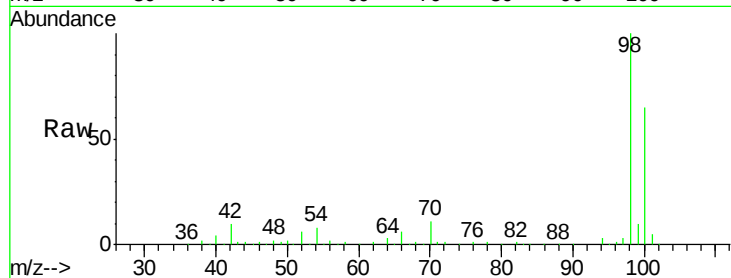
S49-0563

Tot Ion: 98 Resp: 340074

Ion Ratio Lower Upper

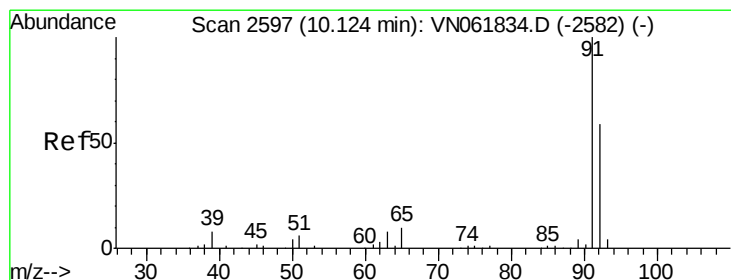
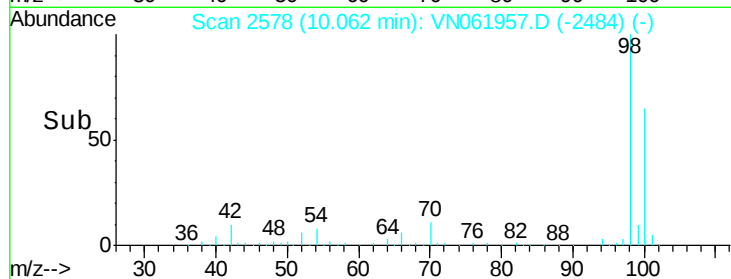
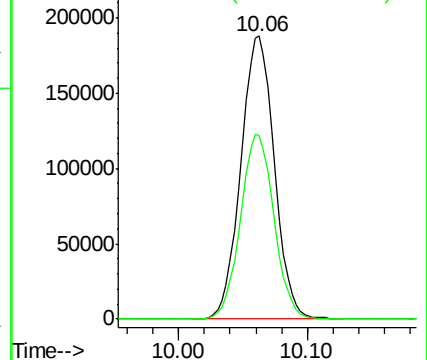
98 100

100 65.2 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: 2.552 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN061957.D

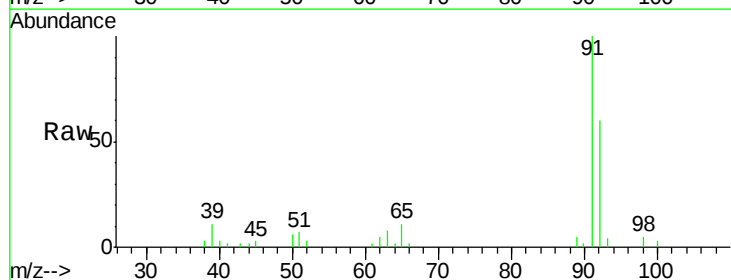
Acq: 19 Jun 2020 17:11

Tgt Ion: 92 Resp: 12010

Ion Ratio Lower Upper

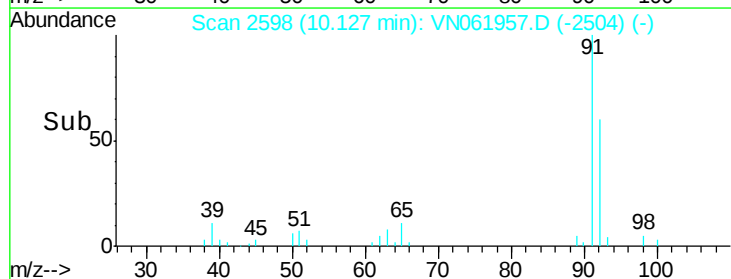
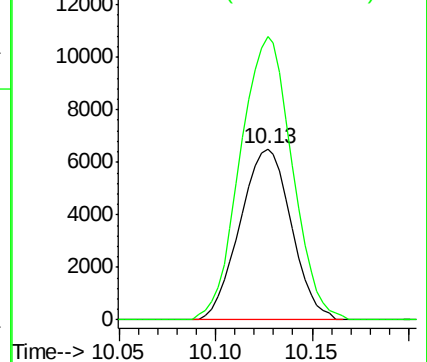
92 100

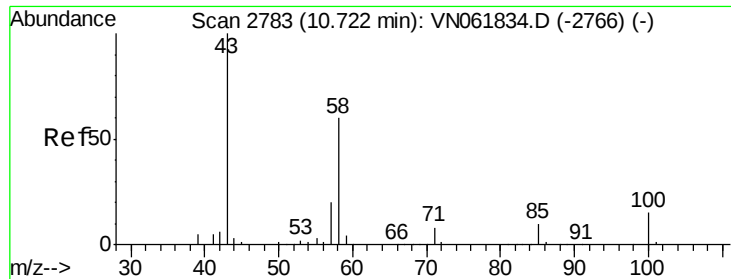
91 167.4 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

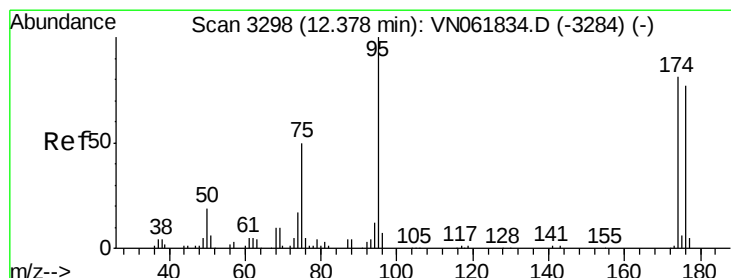
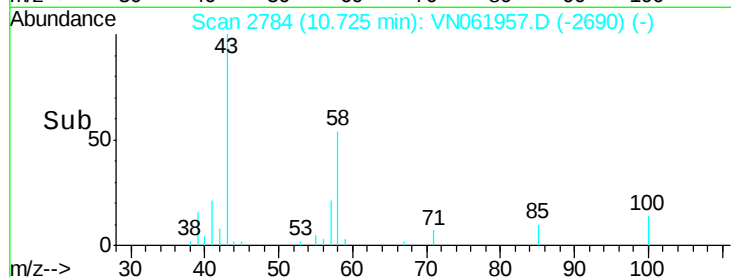
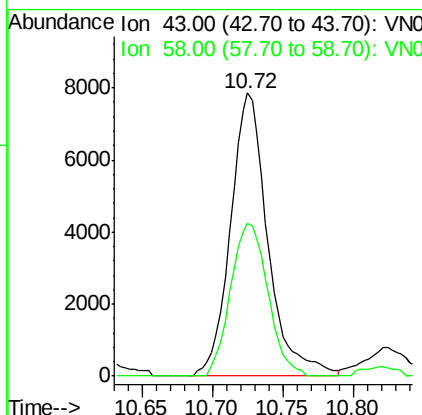
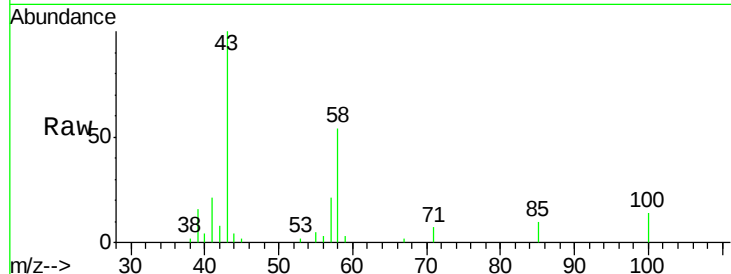




#59
2-Hexanone
Concen: 22.360 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN061957.D
Acq: 19 Jun 2020 17:11

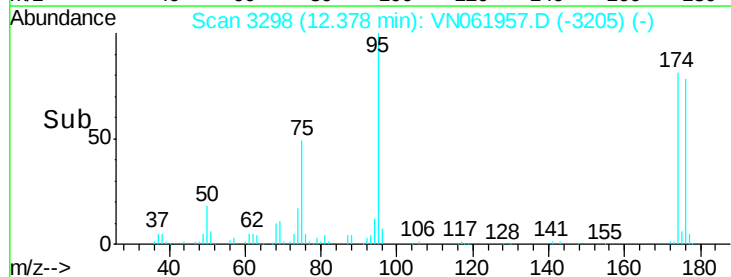
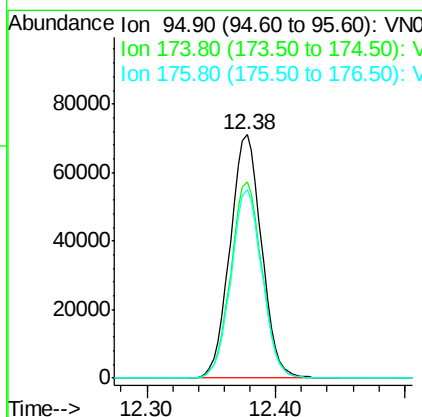
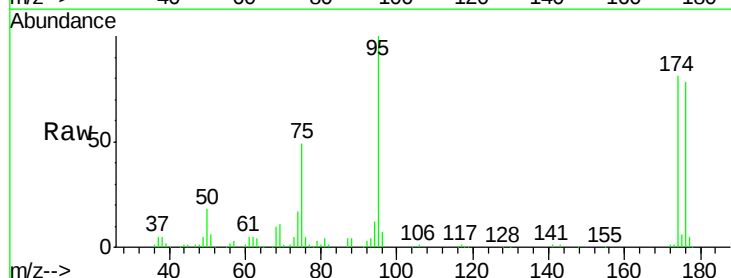
Instrument :
MSVOA_N
ClientSampled :
S49-0563

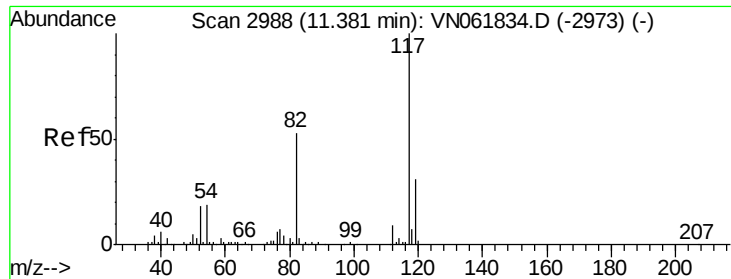
Tot Ion: 43 Resp: 14542
Ion Ratio Lower Upper
43 100
58 53.8 30.1 90.5



#62
4-Bromofluorobenzene
Concen: 51.559 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN061957.D
Acq: 19 Jun 2020 17:11

Tgt Ion: 95 Resp: 120658
Ion Ratio Lower Upper
95 100
174 80.0 0.0 158.6
176 76.1 0.0 152.0

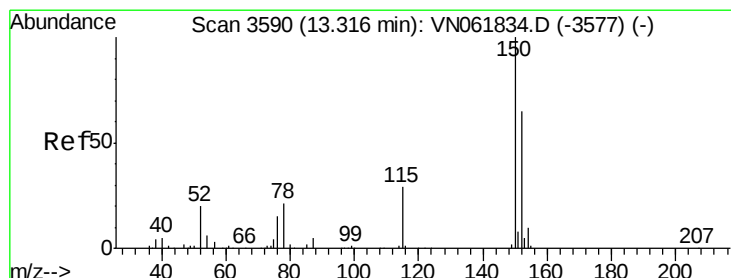
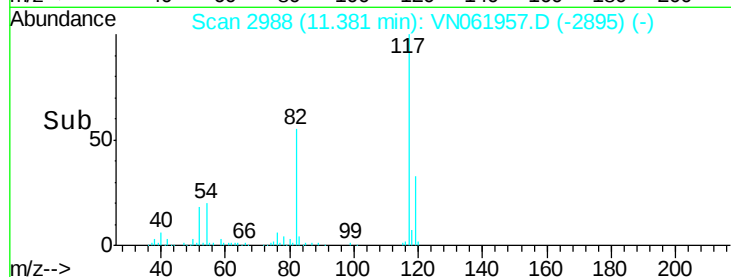
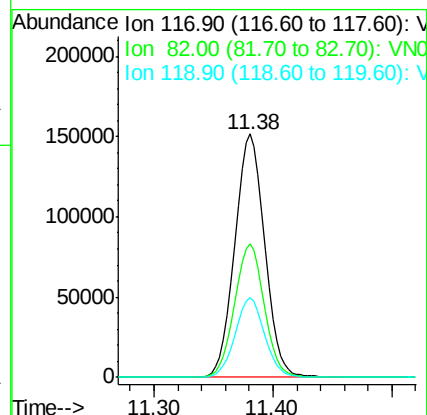
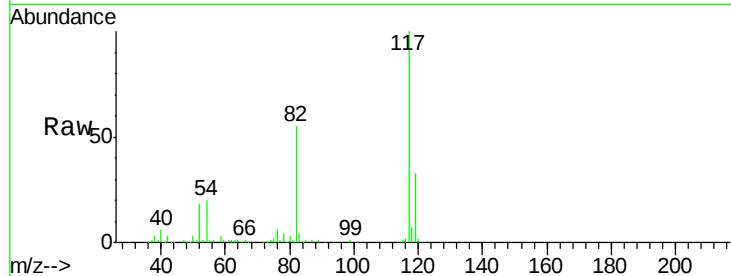




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061957.D
Acq: 19 Jun 2020 17:11

Instrument :
MSVOA_N
ClientSampleId :
S49-0563

Tot Ion:117 Resp: 264300
Ion Ratio Lower Upper
117 100
82 54.7 42.6 64.0
119 32.7 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN061957.D
Acq: 19 Jun 2020 17:11

Tgt Ion:152 Resp: 116371
Ion Ratio Lower Upper
152 100
115 59.0 29.1 87.3
150 157.8 0.0 347.6

