

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062326.D
 Acq On : 2 Jul 2020 6:46
 Operator : JC/MD
 Sample : L3153-41
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP2-K

Quant Time: Jul 02 08:39:03 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

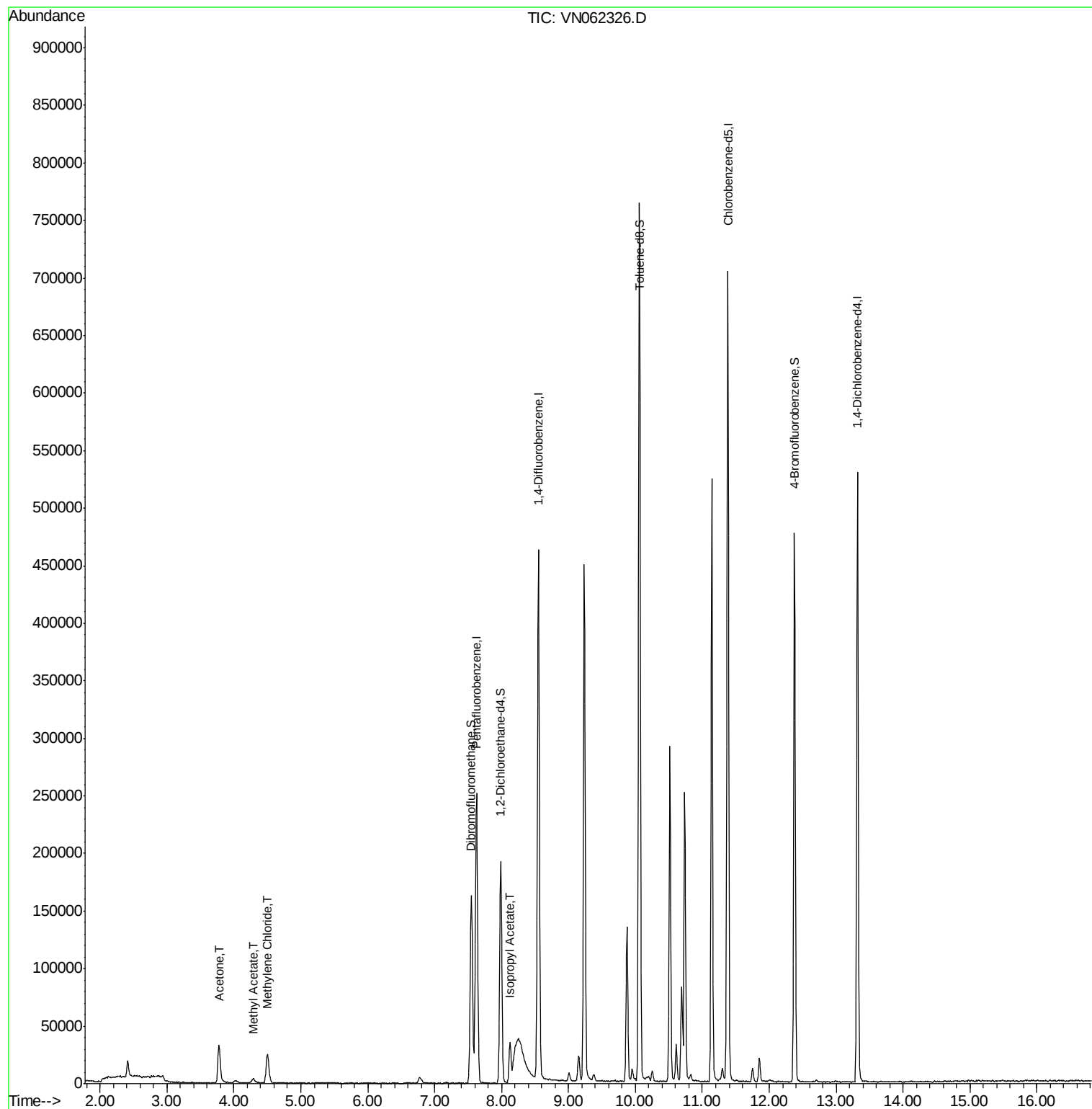
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	190979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	402783	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	396807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	134531	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	158138	59.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.02%	
35) Dibromofluoromethane	7.55	113	126518	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
50) Toluene-d8	10.06	98	531079	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.38	95	165117	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
Target Compounds						
16) Acetone	3.78	43	55524	62.972	ug/l	94
18) Methyl Acetate	4.29	43	7302	3.427	ug/l #	66
20) Methylene Chloride	4.51	84	19010	7.543	ug/l	98
43) Isopropyl Acetate	8.13	43	41154	7.530	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070120\
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ClientSampleId :
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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: VN062326.D

Acq: 2 Jul 2020 6:46

Instrument :

MSVOA_N

ClientSampleId :

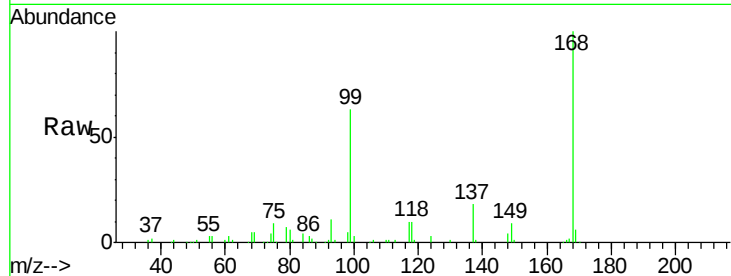
SP2-K

Tot Ion:168 Resp: 190979

Ion Ratio Lower Upper

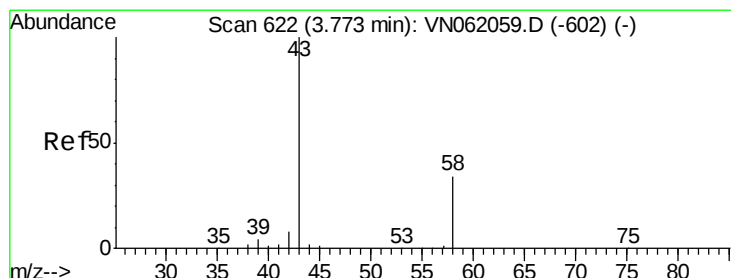
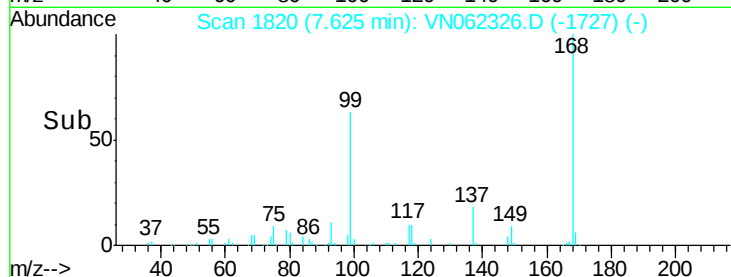
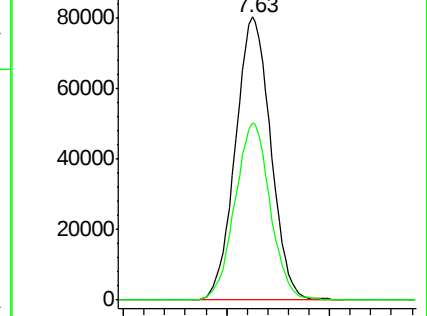
168 100

99 62.6 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 62.972 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062326.D

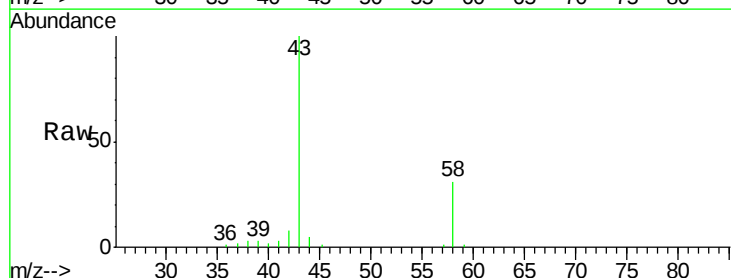
Acq: 2 Jul 2020 6:46

Tgt Ion: 43 Resp: 55524

Ion Ratio Lower Upper

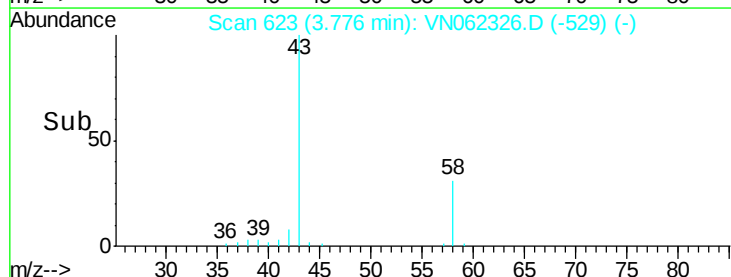
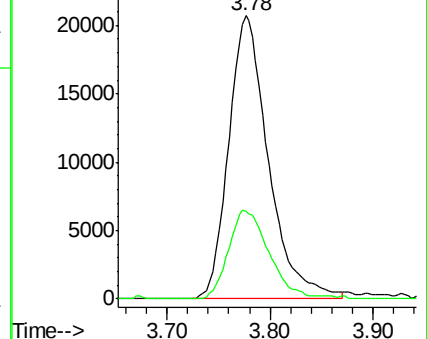
43 100

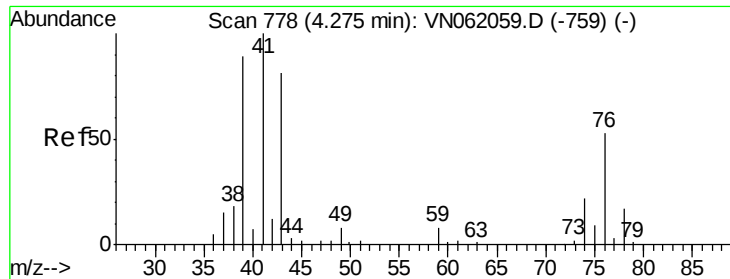
58 30.9 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

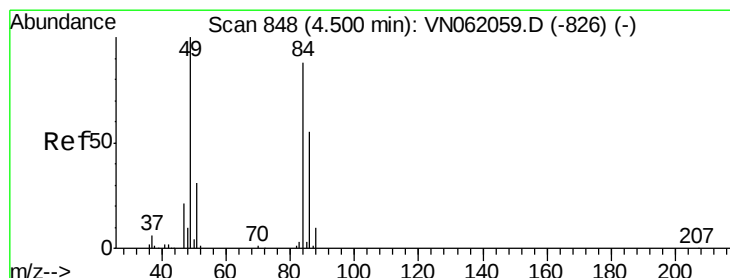
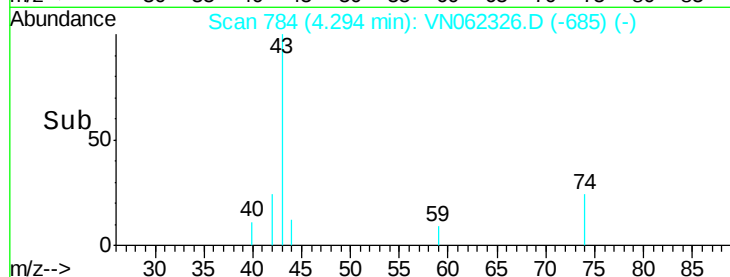
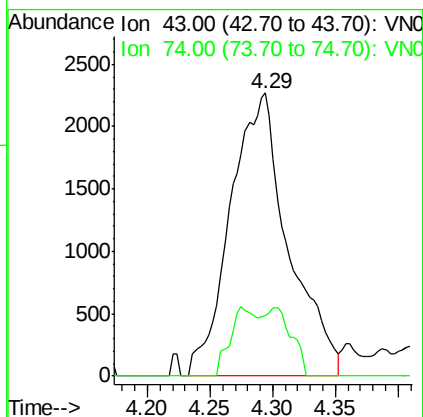
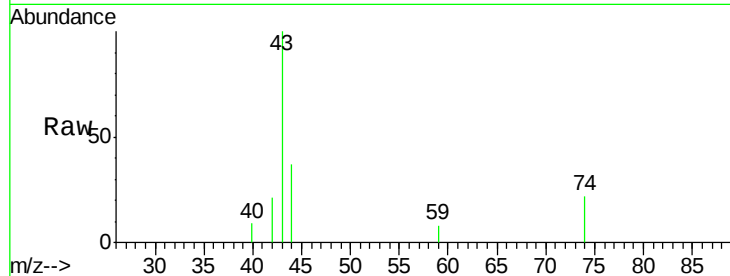




#18
Methyl Acetate
Concen: 3.427 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.02 min
Lab File: VN062326.D
Acq: 2 Jul 2020 6:46

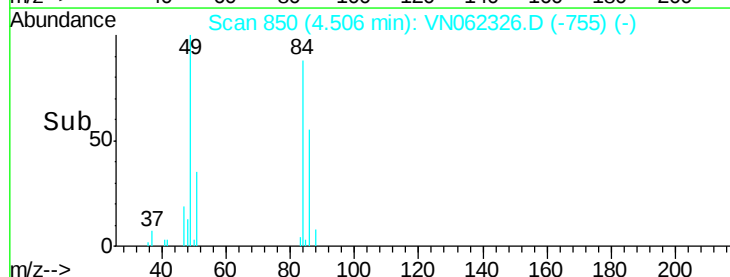
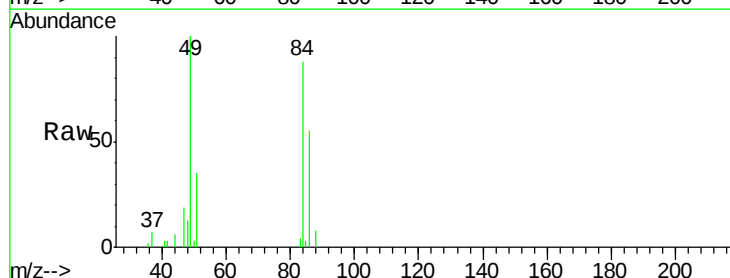
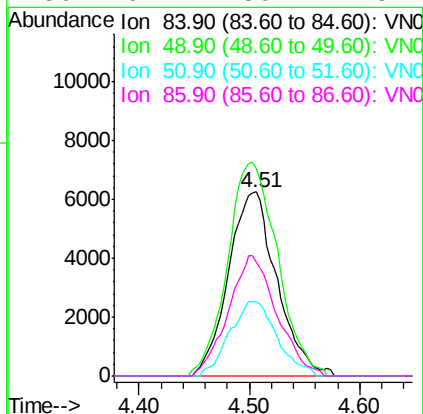
Instrument :
MSVOA_N
ClientSampled :
SP2-K

Tot Ion: 43 Resp: 7302
Ion Ratio Lower Upper
43 100
74 10.8 22.9 34.3#



#20
Methylene Chloride
Concen: 7.543 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN062326.D
Acq: 2 Jul 2020 6:46

Tgt Ion: 84 Resp: 19010
Ion Ratio Lower Upper
84 100
49 113.1 90.6 136.0
51 40.1 27.8 41.8
86 62.1 50.1 75.1





#33

1,2-Dichloroethane-d4

Concen: 59.005 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062326.D

Acq: 2 Jul 2020 6:46

Instrument :

MSVOA_N

ClientSampleId :

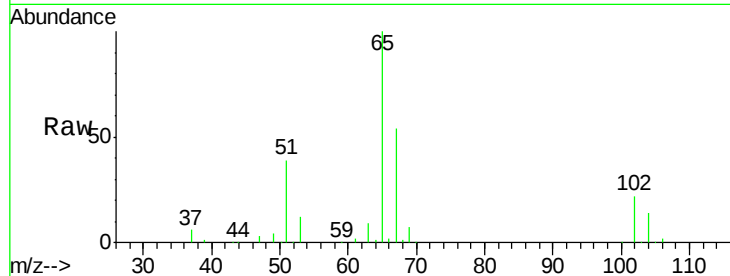
SP2-K

Tot Ion: 65 Resp: 158138

Ion Ratio Lower Upper

65 100

67 53.5 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062326.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN062326.D (-1839) (-)

7.99

80000

60000

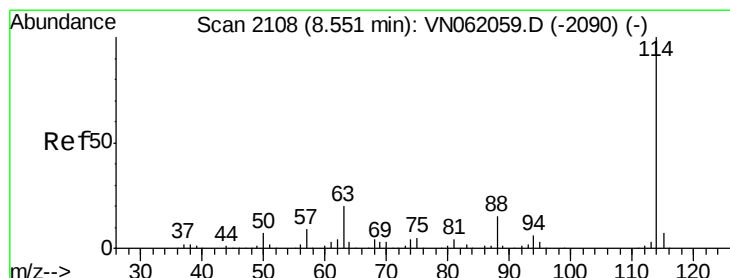
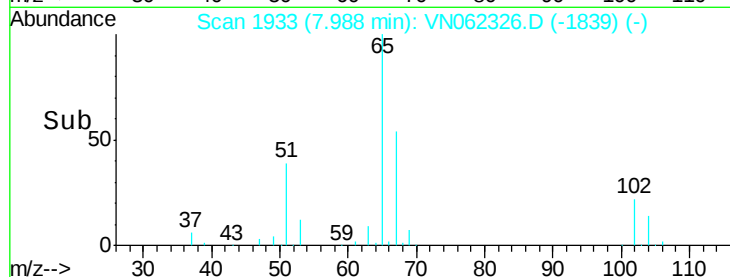
40000

20000

0

Time-->

7.90 7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062326.D

Acq: 2 Jul 2020 6:46

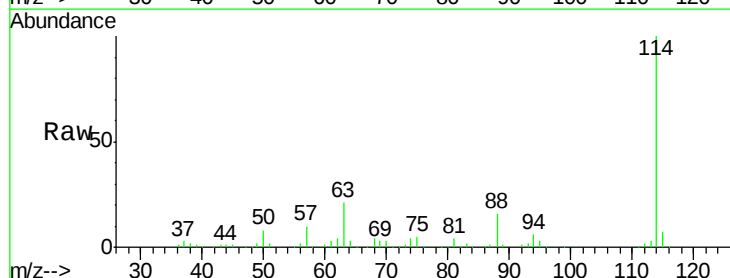
Tgt Ion: 114 Resp: 402783

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.2

88 16.0 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN062326.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062326.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062326.D (-2015) (-)

8.55

250000

200000

150000

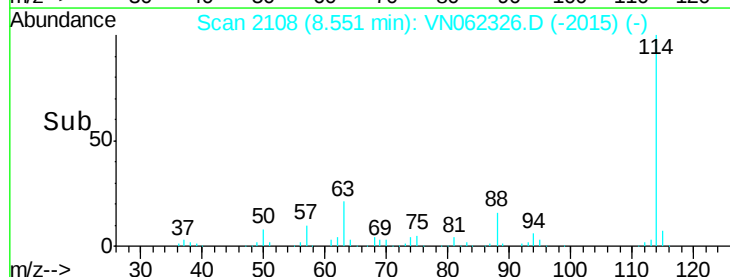
100000

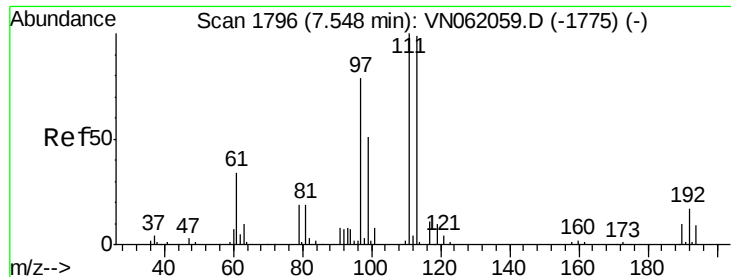
50000

0

Time-->

8.45 8.50 8.55 8.60 8.65

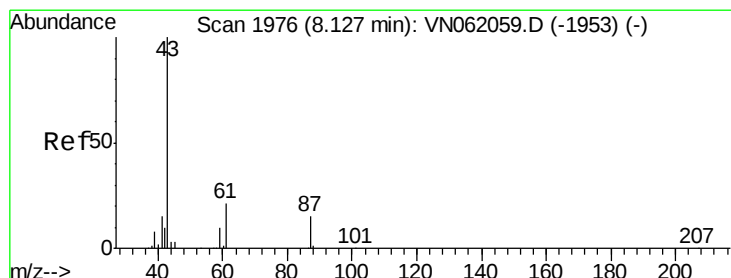
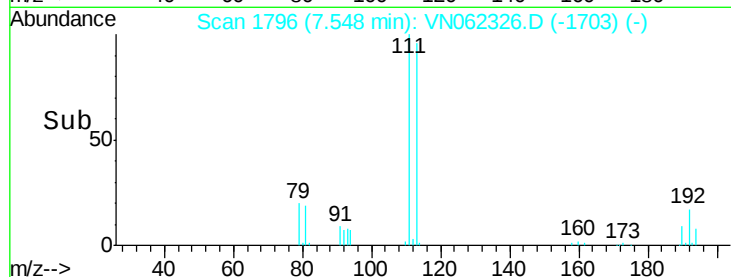
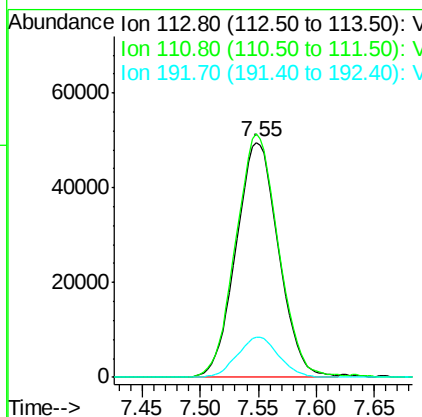
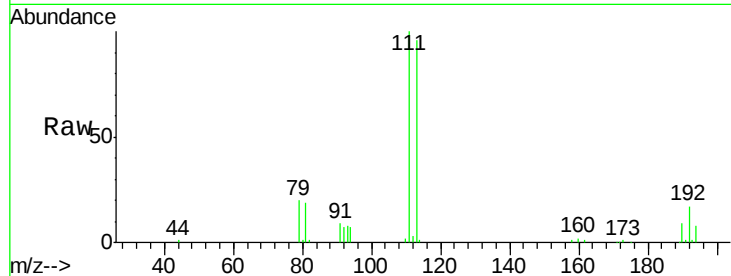




#35
 Dibromofluoromethane
 Concen: 48.961 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062326.D
 Acq: 2 Jul 2020 6:46

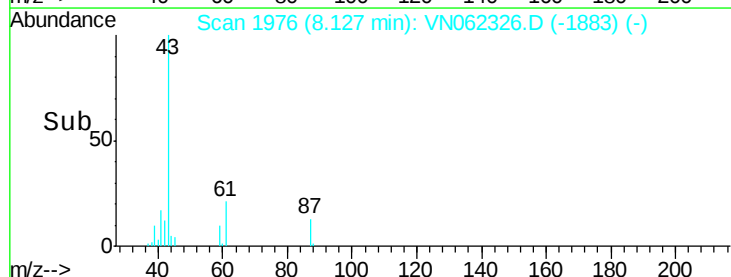
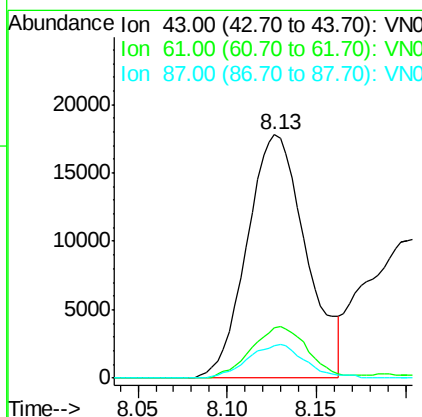
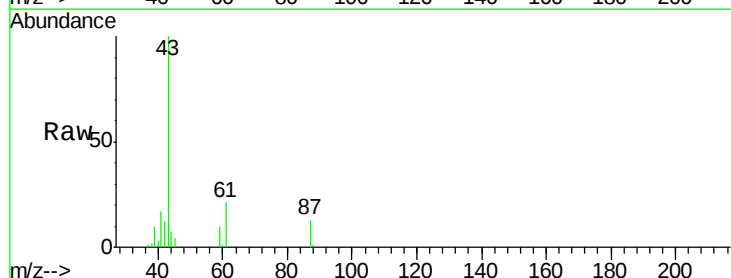
Instrument :
 MSVOA_N
 ClientSampleId :
 SP2-K

Tot Ion:113 Resp: 126518
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.2 123.4
 192 16.8 14.0 21.0



#43
 Isopropyl Acetate
 Concen: 7.530 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: VN062326.D
 Acq: 2 Jul 2020 6:46

Tgt Ion: 43 Resp: 41154
 Ion Ratio Lower Upper
 43 100
 61 20.3 17.2 25.8
 87 13.4 12.1 18.1





#50

Toluene-d8

Concen: 51.415 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062326.D

Acq: 2 Jul 2020 6:46

Instrument :

MSVOA_N

ClientSampleId :

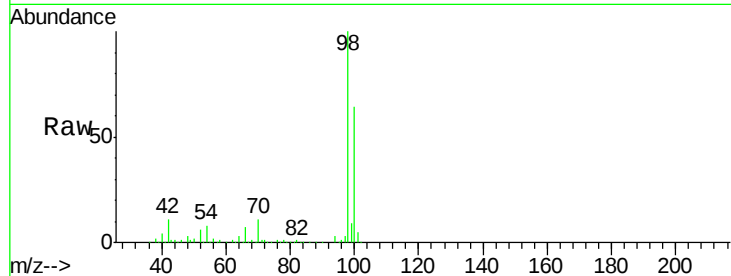
SP2-K

Tot Ion: 98 Resp: 531079

Ion Ratio Lower Upper

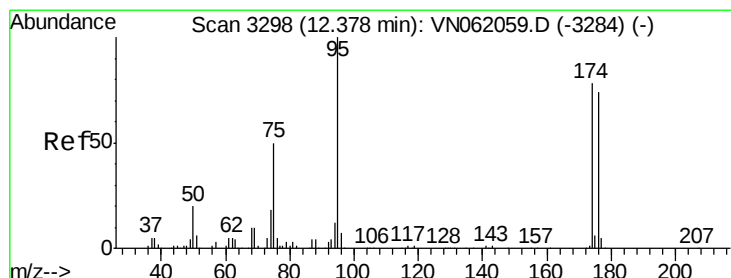
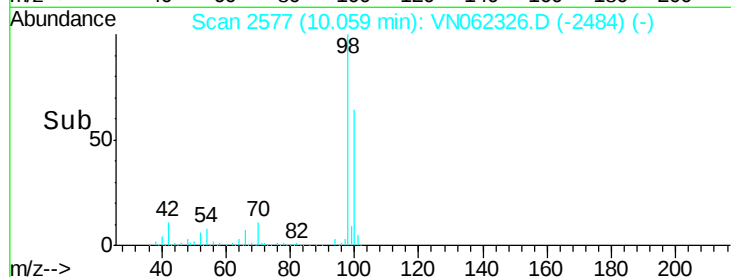
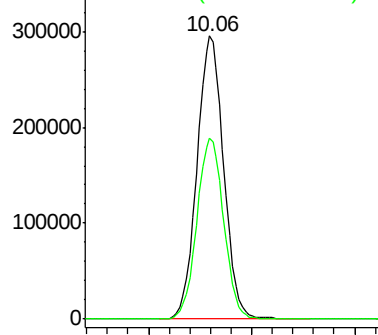
98 100

100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 47.314 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062326.D

Acq: 2 Jul 2020 6:46

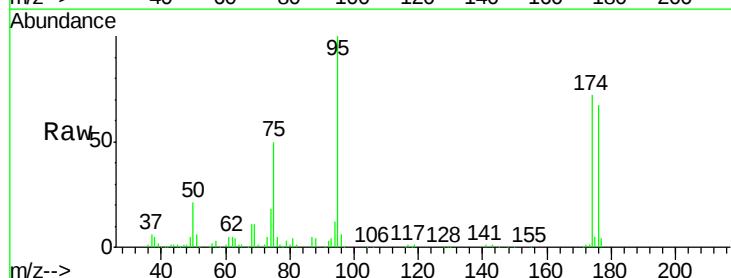
Tgt Ion: 95 Resp: 165117

Ion Ratio Lower Upper

95 100

174 72.2 0.0 154.8

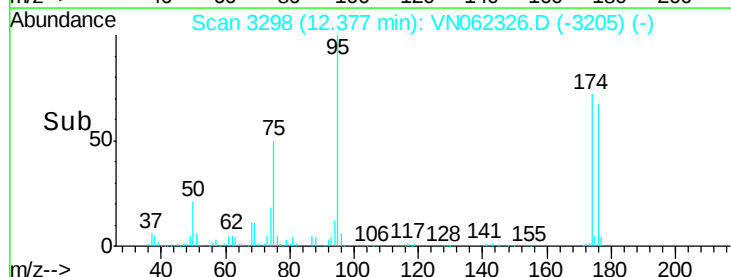
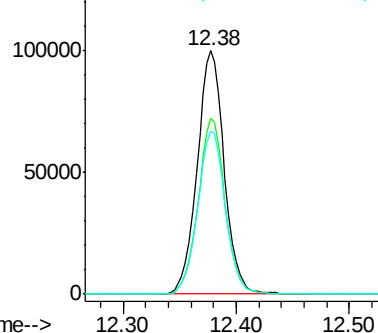
176 68.8 0.0 147.4

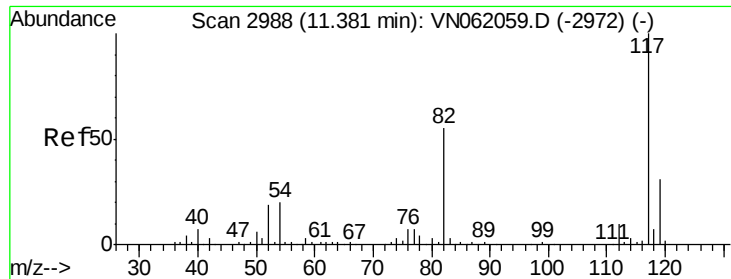


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

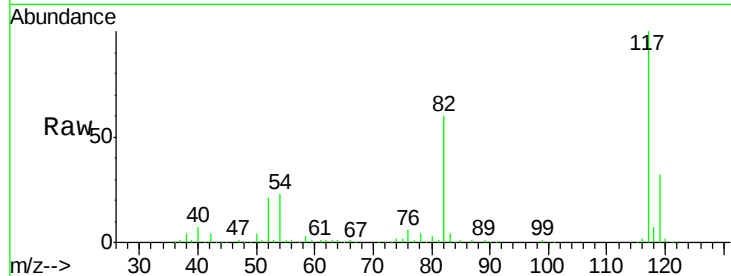




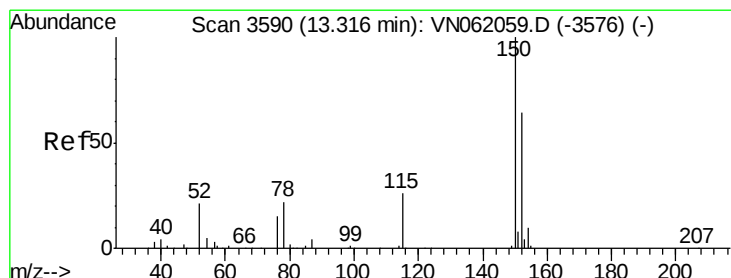
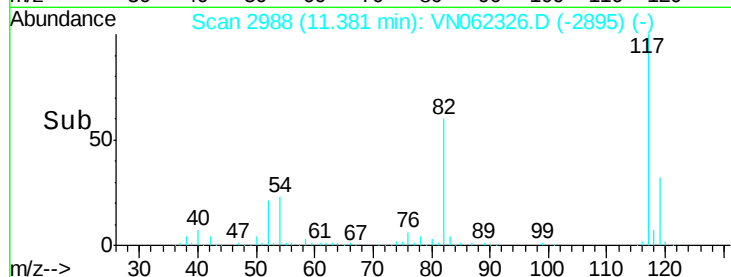
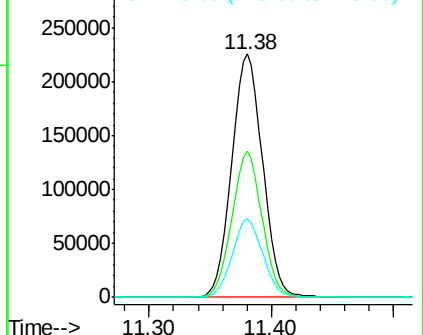
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062326.D
Acq: 2 Jul 2020 6:46

Instrument :
MSVOA_N
ClientSampleId :
SP2-K

Tot Ion:117 Resp: 396807
Ion Ratio Lower Upper
117 100
82 59.9 43.8 65.8
119 32.0 25.2 37.8

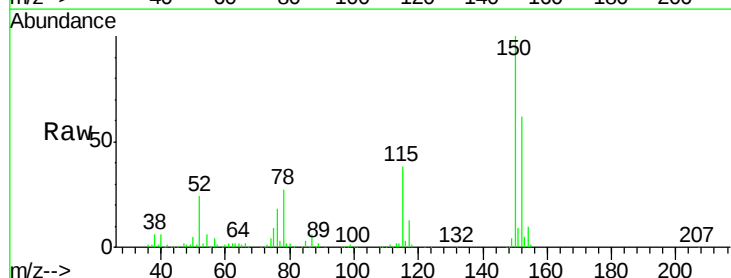


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062326.D
Acq: 2 Jul 2020 6:46

Tgt Ion:152 Resp: 134531
Ion Ratio Lower Upper
152 100
115 61.5 29.5 88.5
150 158.2 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

