

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062269.D
 Acq On : 1 Jul 2020 4:18
 Operator : JC/MD
 Sample : L3153-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP1-C

Quant Time: Jul 01 06:09:17 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

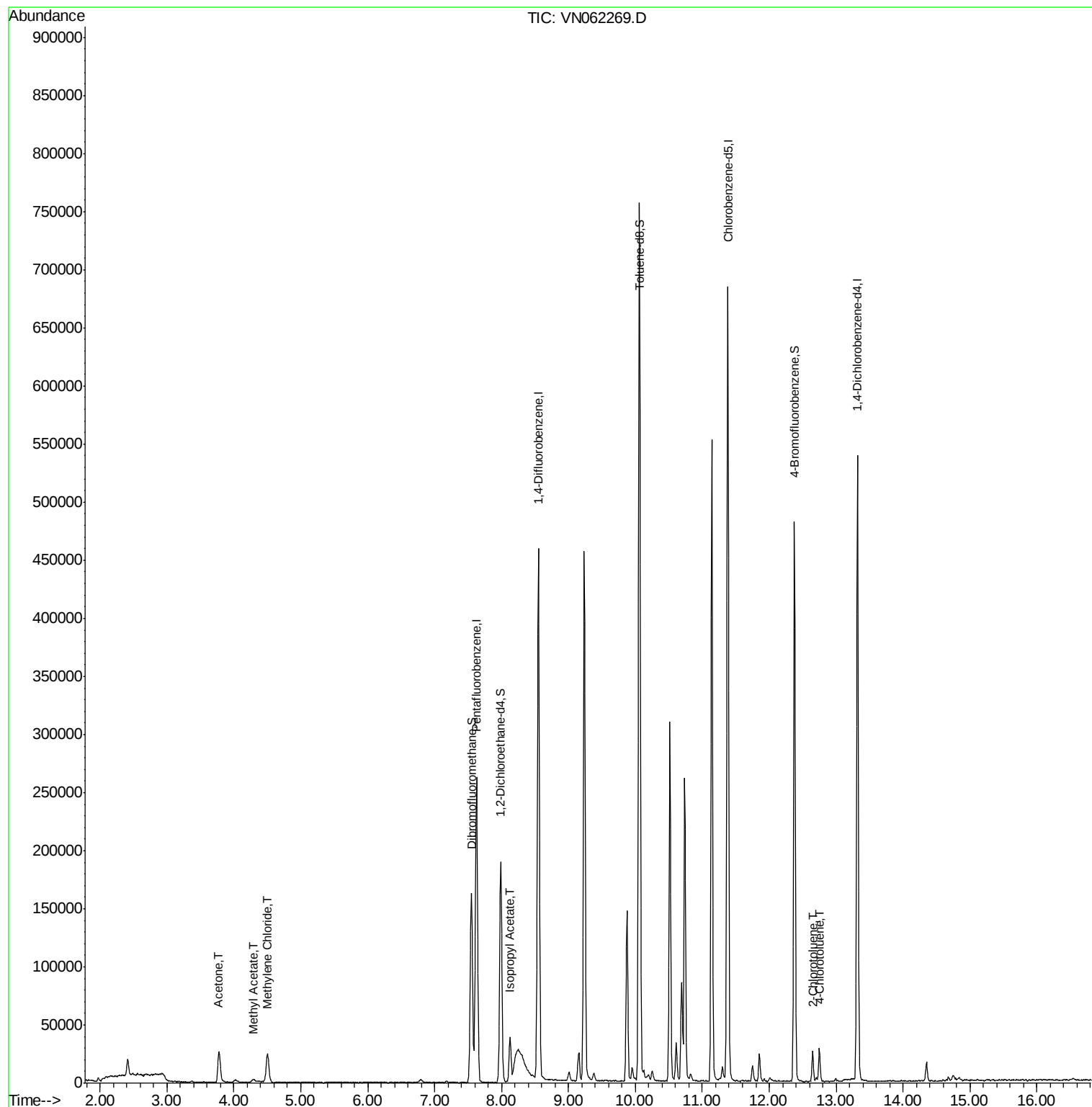
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	204754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	412815	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	394984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	140793	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	157209	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	
35) Dibromofluoromethane	7.55	113	127113	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
50) Toluene-d8	10.06	98	523176	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.38	95	169819	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
Target Compounds						
16) Acetone	3.78	43	45224	46.850	ug/l	95
18) Methyl Acetate	4.28	43	5924	2.594	ug/l #	77
20) Methylene Chloride	4.50	84	18157	6.696	ug/l	94
43) Isopropyl Acetate	8.13	43	45641	8.149	ug/l	97
79) 2-Chlorotoluene	12.65	91	15794	2.096	ug/l	99
82) 4-Chlorotoluene	12.75	91	18300	2.348	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN063020\
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Instrument :
MSVOA_N
ClientSampleId :
SP1-C

Quant Time: Jul 01 06:09:17 2020
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: VN062269.D

Acq: 1 Jul 2020 4:18

Instrument :

MSVOA_N

ClientSampleId :

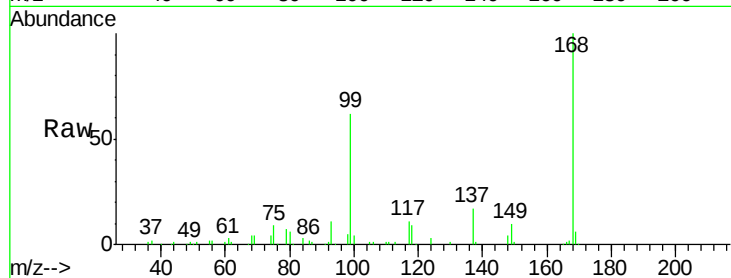
SP1-C

Tot Ion:168 Resp: 204754

Ion Ratio Lower Upper

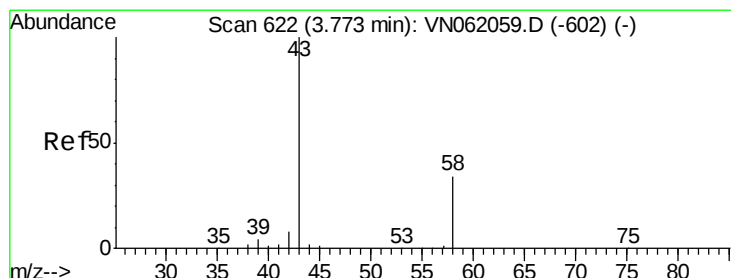
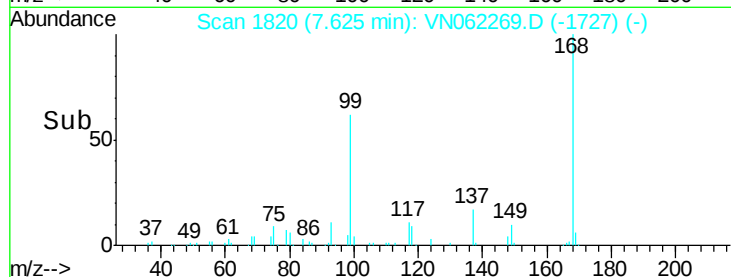
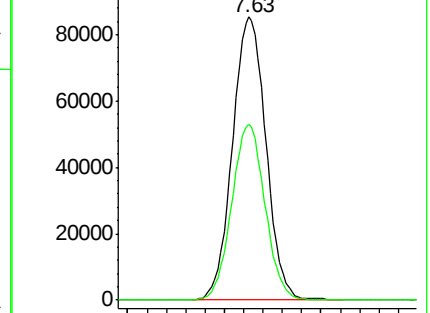
168 100

99 62.3 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 46.850 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062269.D

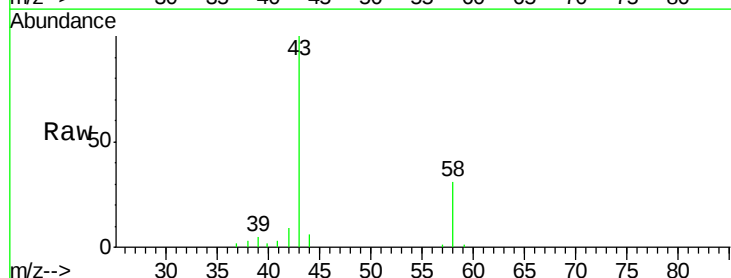
Acq: 1 Jul 2020 4:18

Tgt Ion: 43 Resp: 45224

Ion Ratio Lower Upper

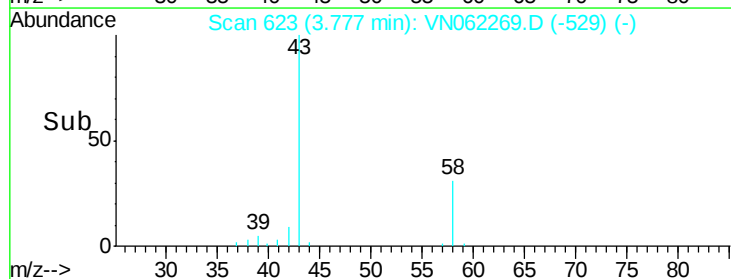
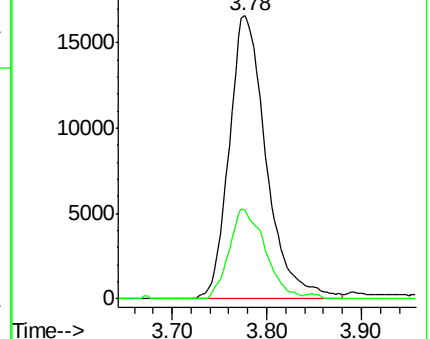
43 100

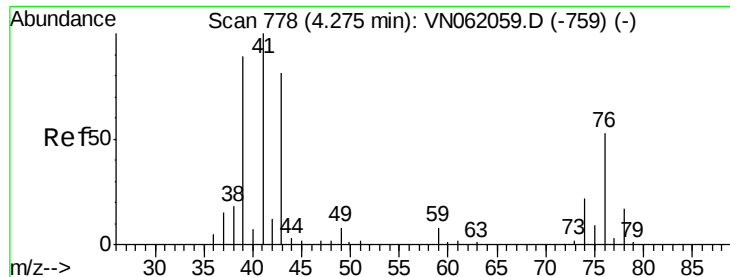
58 31.4 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

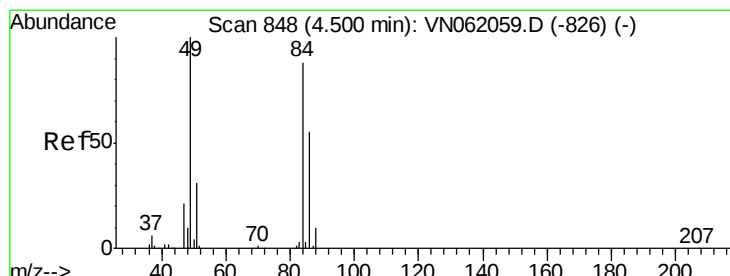
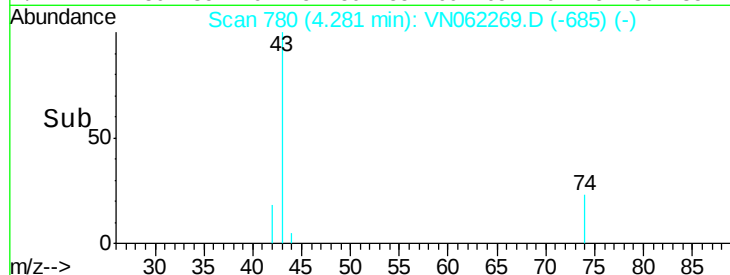
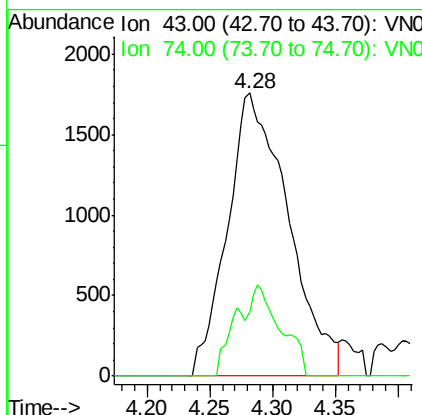
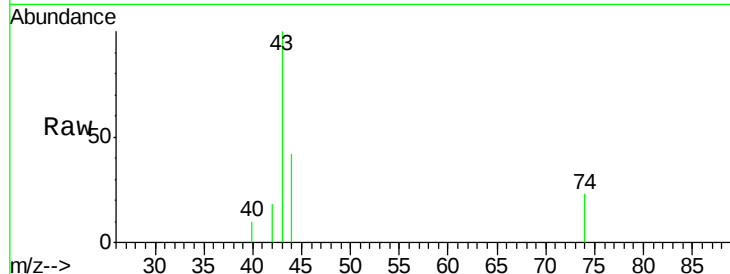




#18
Methyl Acetate
Concen: 2.594 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.01 min
Lab File: VN062269.D
Acq: 1 Jul 2020 4:18

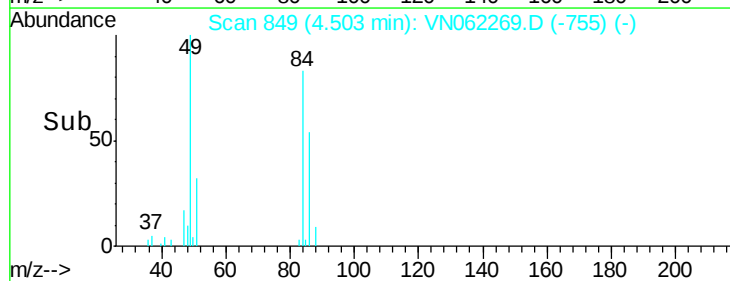
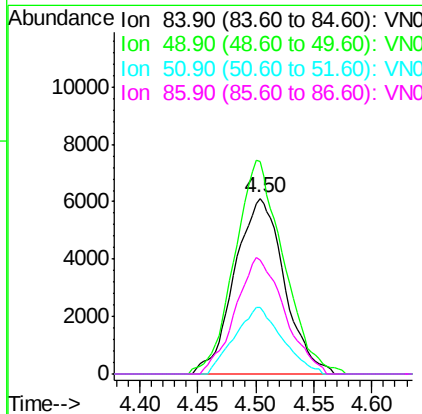
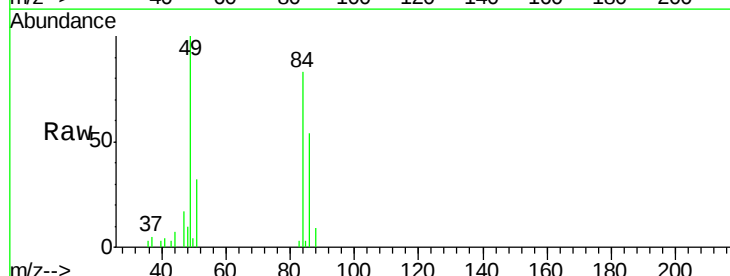
Instrument :
MSVOA_N
ClientSampled :
SP1-C

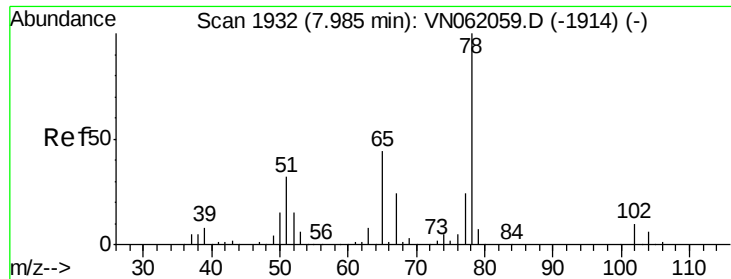
Tot Ion: 43 Resp: 5924
Ion Ratio Lower Upper
43 100
74 16.3 22.9 34.3#



#20
Methylene Chloride
Concen: 6.696 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062269.D
Acq: 1 Jul 2020 4:18

Tgt Ion: 84 Resp: 18157
Ion Ratio Lower Upper
84 100
49 120.9 90.6 136.0
51 38.1 27.8 41.8
86 64.8 50.1 75.1

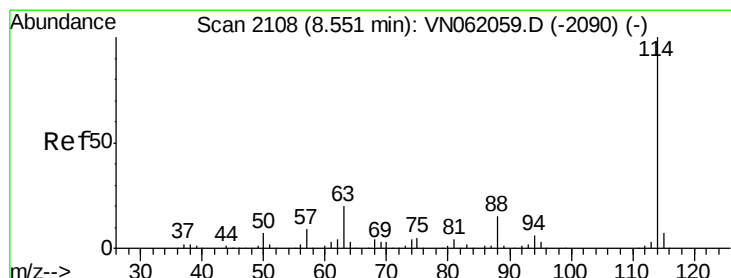
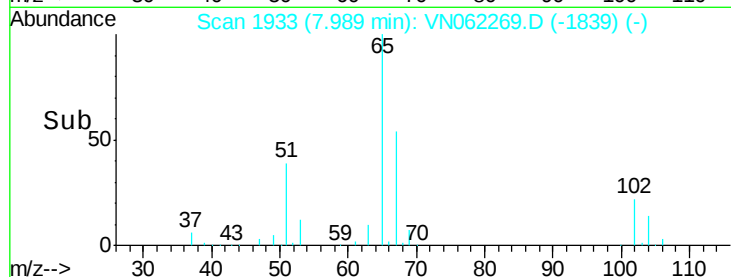
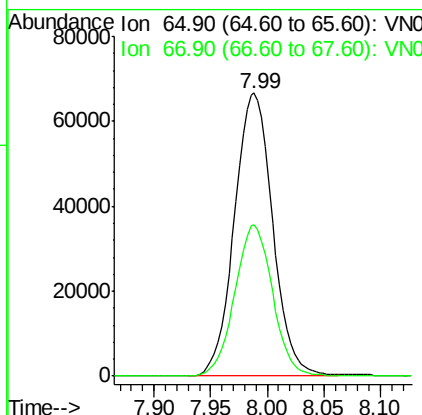
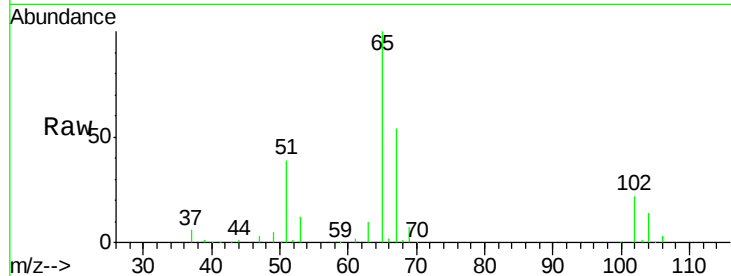




#33
 1,2-Dichloroethane-d4
 Concen: 54.712 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062269.D
 Acq: 1 Jul 2020 4:18

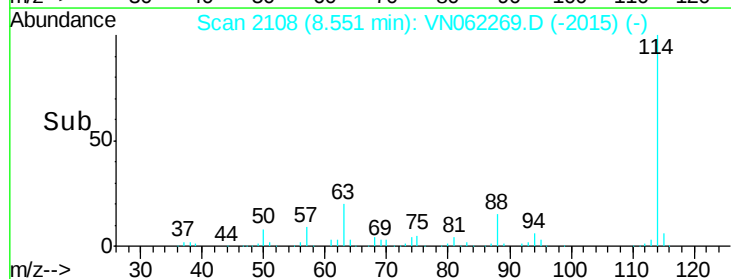
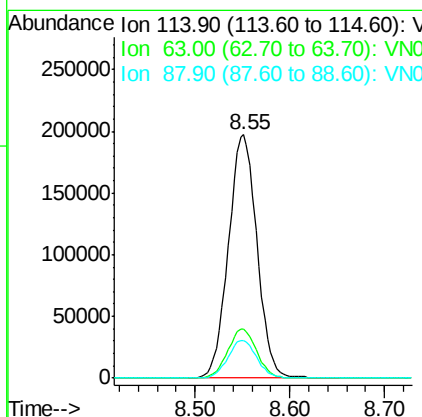
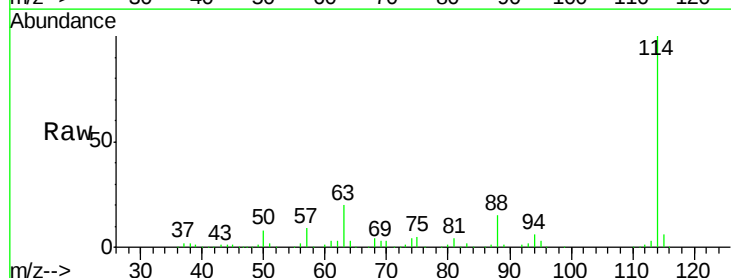
Instrument :
 MSVOA_N
 ClientSampleId :
 SP1-C

Tot Ion: 65 Resp: 157209
 Ion Ratio Lower Upper
 65 100
 67 52.6 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: VN062269.D
 Acq: 1 Jul 2020 4:18

Tgt Ion: 114 Resp: 412815
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.2
 88 15.3 0.0 30.8

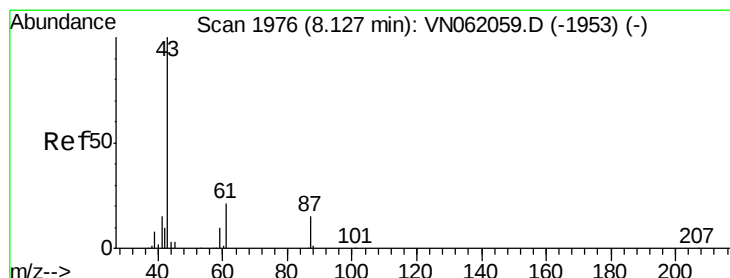
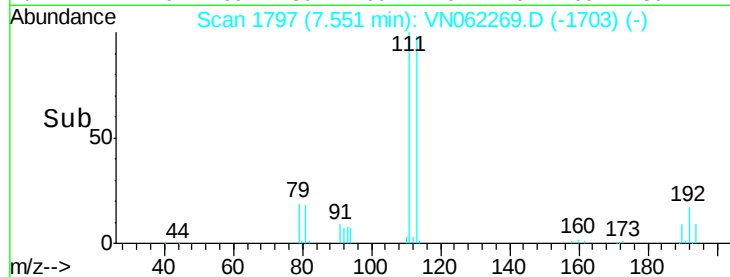
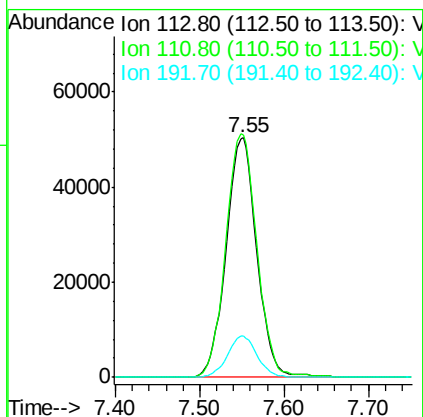
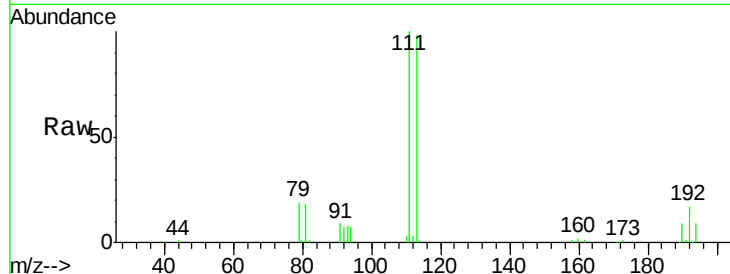




#35
 Dibromofluoromethane
 Concen: 47.996 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062269.D
 Acq: 1 Jul 2020 4:18

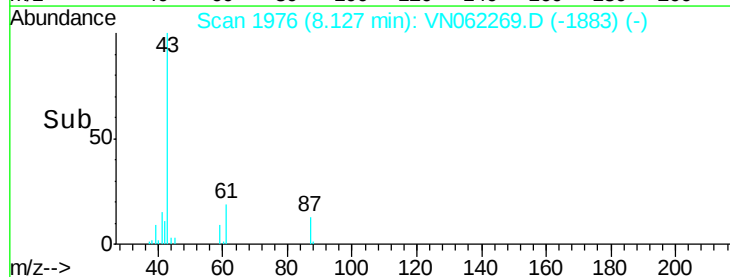
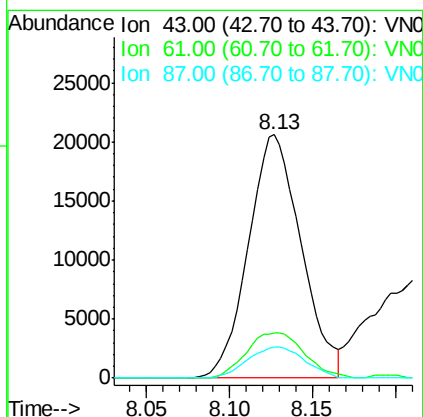
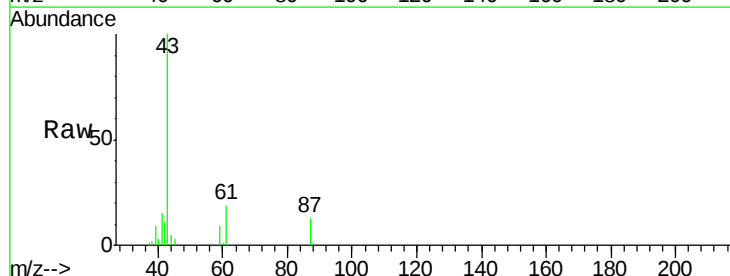
Instrument :
 MSVOA_N
 ClientSampled :
 SP1-C

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.2	123.4
192	16.7	14.0	21.0



#43
 Isopropyl Acetate
 Concen: 8.149 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: VN062269.D
 Acq: 1 Jul 2020 4:18

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.6	17.2	25.8
87	13.7	12.1	18.1





#50

Toluene-d8

Concen: 49.419 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062269.D

Acq: 1 Jul 2020 4:18

Instrument :

MSVOA_N

ClientSampleId :

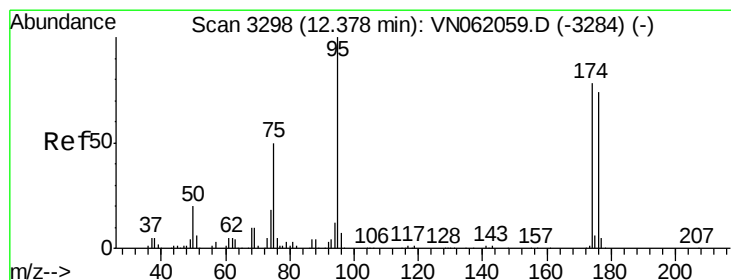
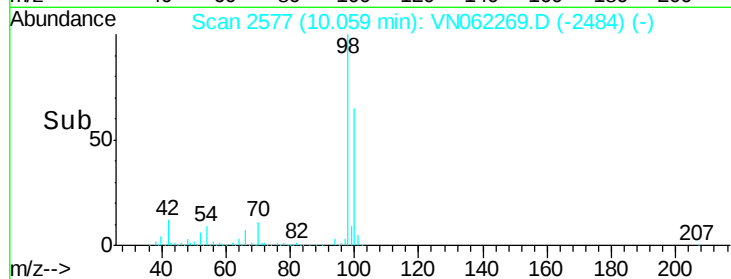
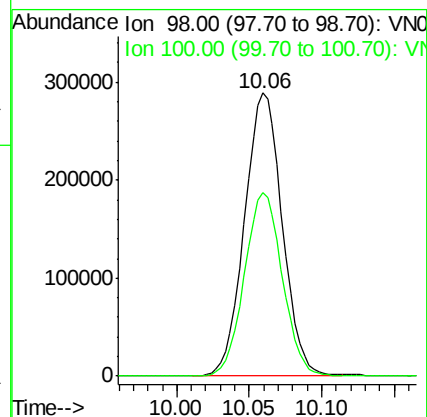
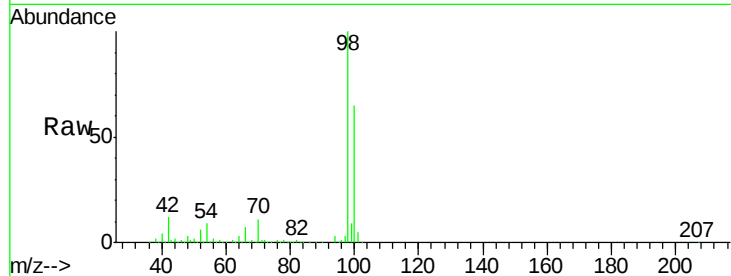
SP1-C

Tot Ion: 98 Resp: 523176

Ion Ratio Lower Upper

98 100

100 65.1 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 47.479 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062269.D

Acq: 1 Jul 2020 4:18

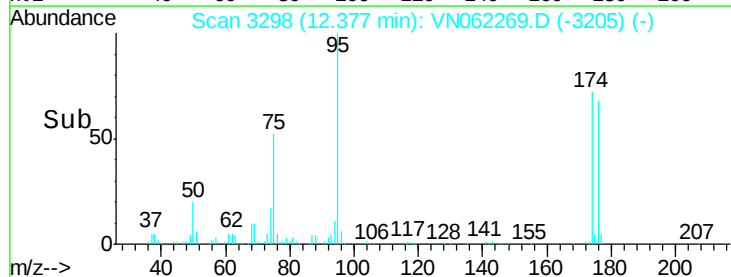
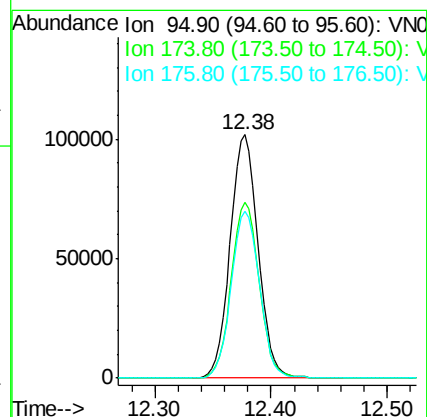
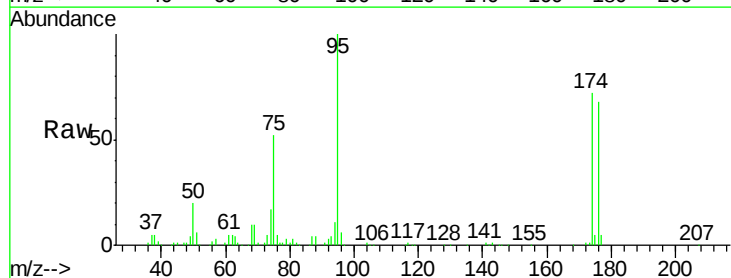
Tgt Ion: 95 Resp: 169819

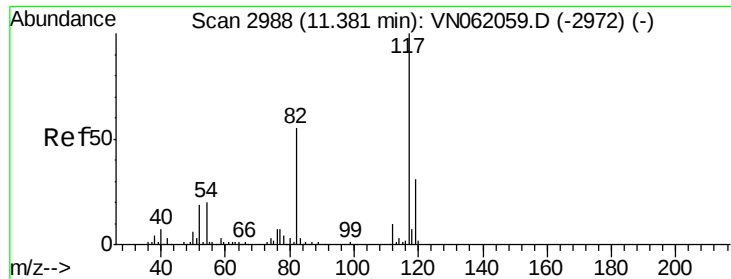
Ion Ratio Lower Upper

95 100

174 72.5 0.0 154.8

176 69.6 0.0 147.4

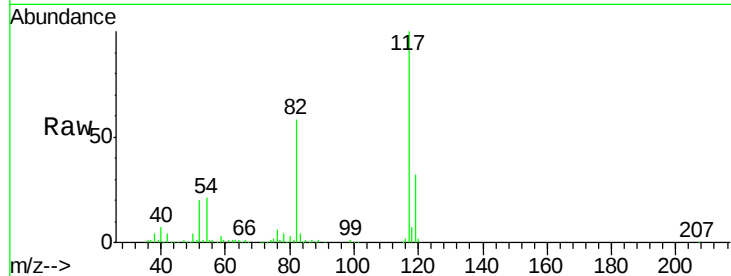




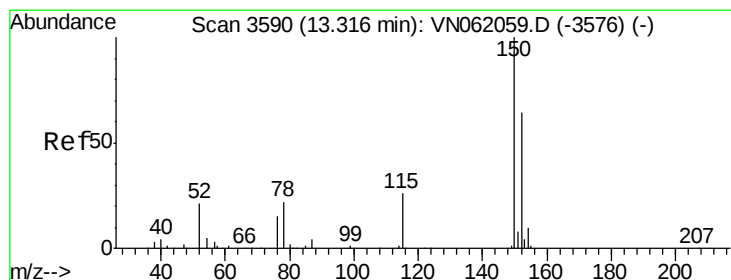
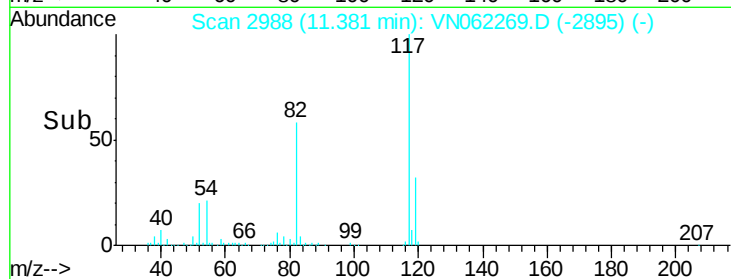
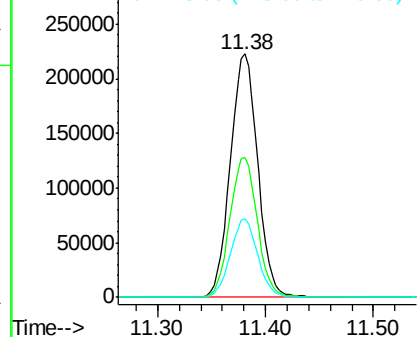
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062269.D
Acq: 1 Jul 2020 4:18

Instrument :
MSVOA_N
ClientSampleId :
SP1-C

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	43.8	65.8
119	32.2	25.2	37.8

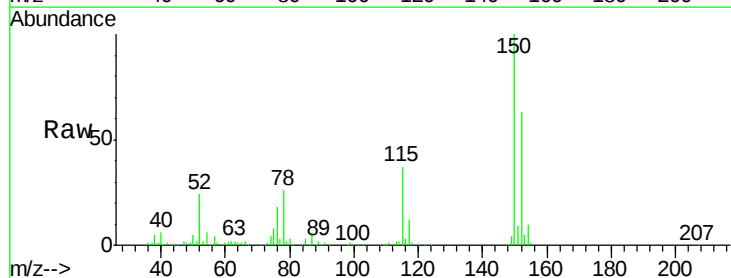


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

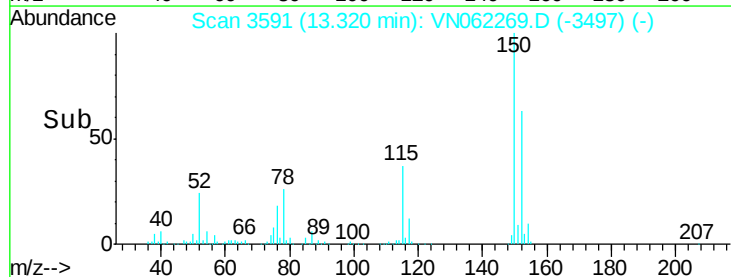
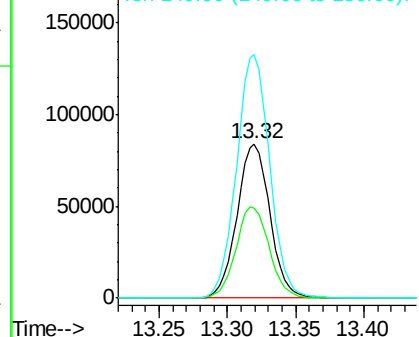


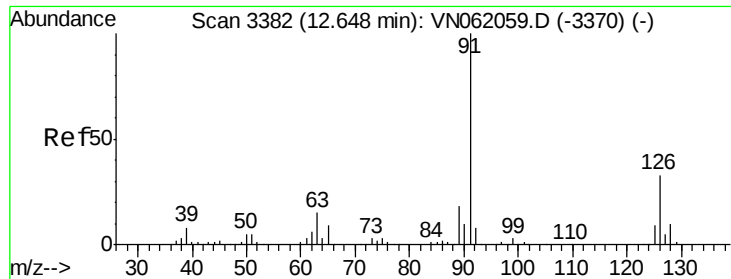
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062269.D
Acq: 1 Jul 2020 4:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	29.5	88.5
150	159.5	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

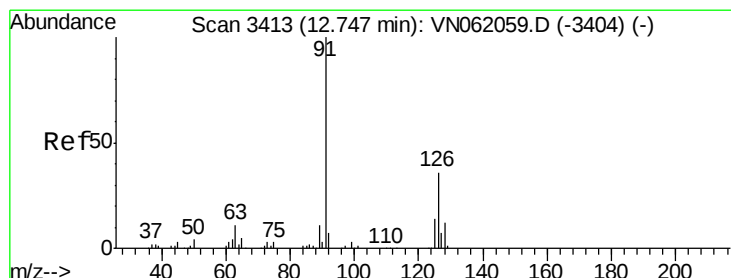
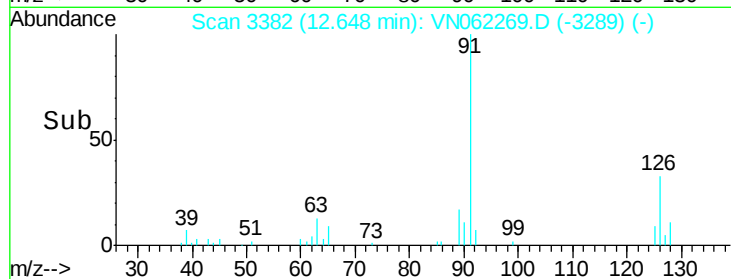
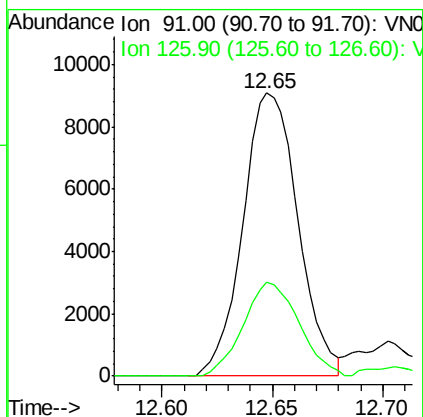
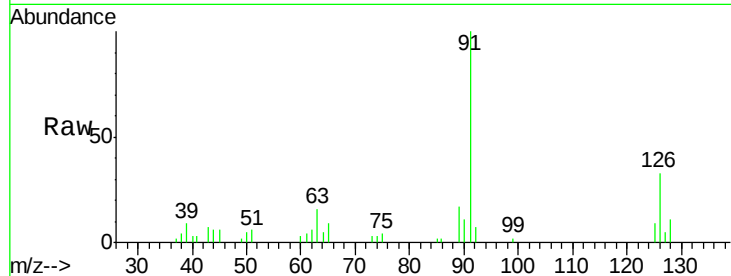




#79
2-Chlorotoluene
Concen: 2.096 ug/l
RT: 12.65 min Scan# 3382
Delta R.T. -0.00 min
Lab File: VN062269.D
Acq: 1 Jul 2020 4:18

Instrument :
MSVOA_N
ClientSampled :
SP1-C

Tot Ion: 91 Resp: 15794
Ion Ratio Lower Upper
91 100
126 33.5 16.9 50.7



#82
4-Chlorotoluene
Concen: 2.348 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062269.D
Acq: 1 Jul 2020 4:18

Tgt Ion: 91 Resp: 18300
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.1

