

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062267.D
 Acq On : 1 Jul 2020 3:30
 Operator : JC/MD
 Sample : L3153-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP1-A

Quant Time: Jul 01 06:05:34 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

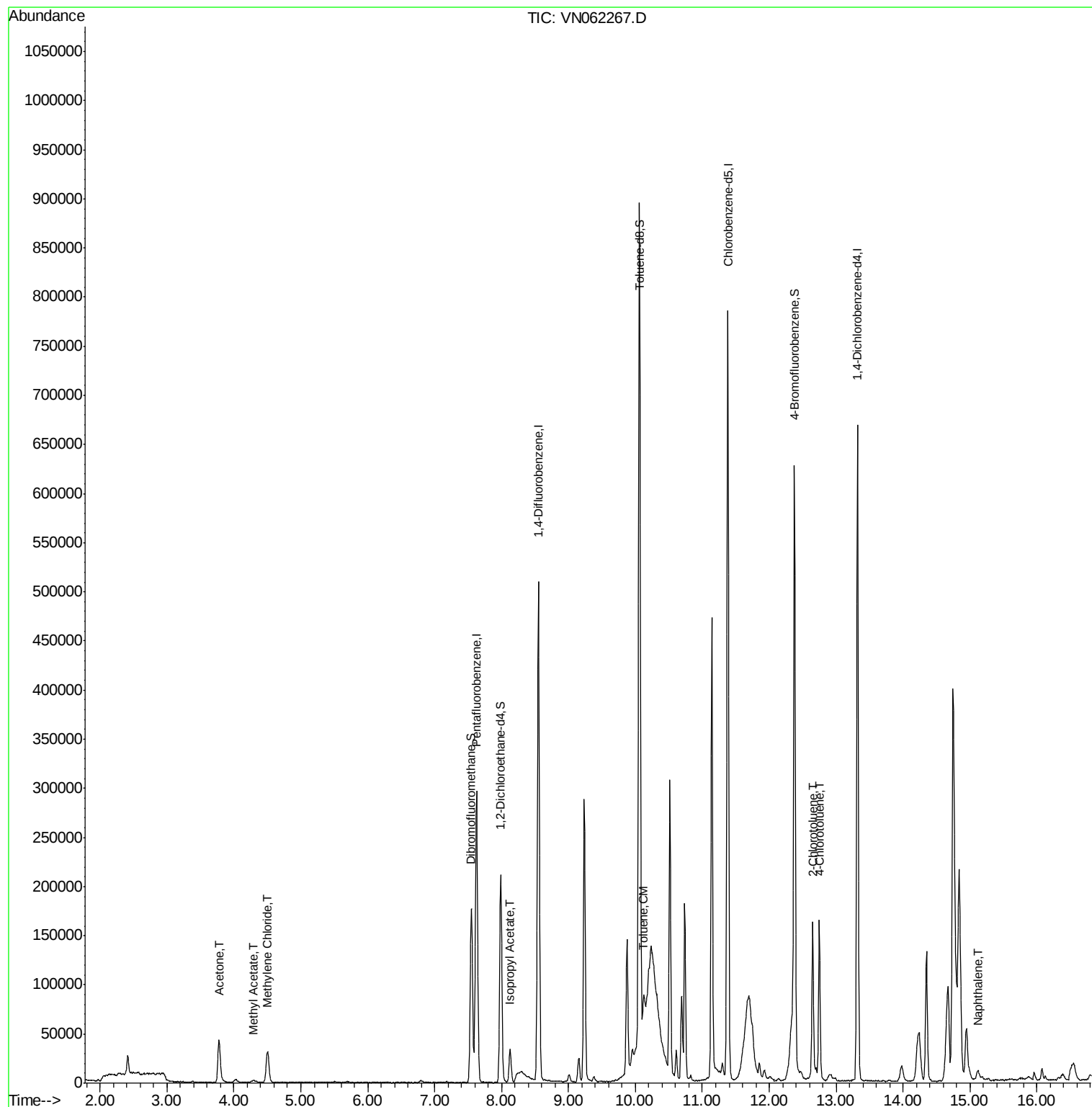
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	226420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	452184	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	443435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	172078	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	175322	55.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.36%	
35) Dibromofluoromethane	7.55	113	137751	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
50) Toluene-d8	10.06	98	595551	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
62) 4-Bromofluorobenzene	12.38	95	208349	53.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.36%	
Target Compounds						
16) Acetone	3.78	43	71457	68.709	ug/l	98
18) Methyl Acetate	4.29	43	4539	1.797	ug/l #	74
20) Methylene Chloride	4.51	84	24231	8.126	ug/l	95
43) Isopropyl Acetate	8.13	43	38659	6.301	ug/l	98
52) Toluene	10.12	92	12001	1.420	ug/l	99
79) 2-Chlorotoluene	12.65	91	89656	9.733	ug/l	99
82) 4-Chlorotoluene	12.75	91	98533	10.344	ug/l	99
95) Naphthalene	15.11	128	3336	4.369	ug/l #	95

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN063020\
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ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SP1-A

Quant Time: Jul 01 06:05:34 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: VN062267.D

Acq: 1 Jul 2020 3:30

Instrument :

MSVOA_N

ClientSampleId :

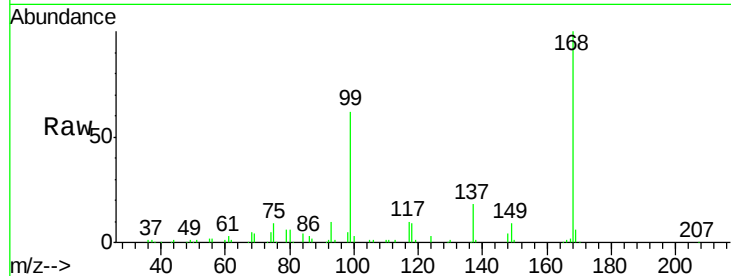
SP1-A

Tot Ion:168 Resp: 226420

Ion Ratio Lower Upper

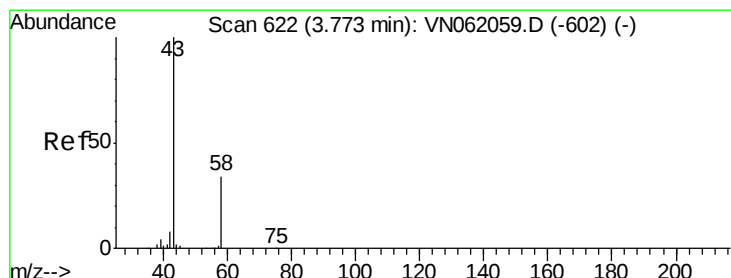
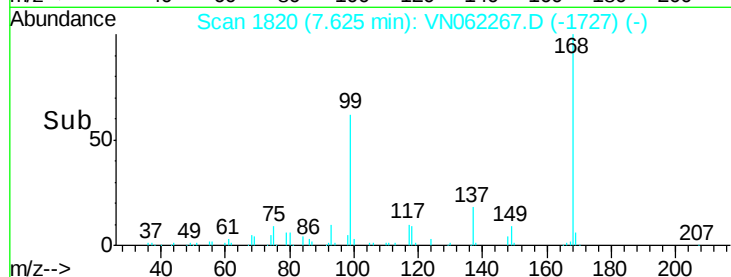
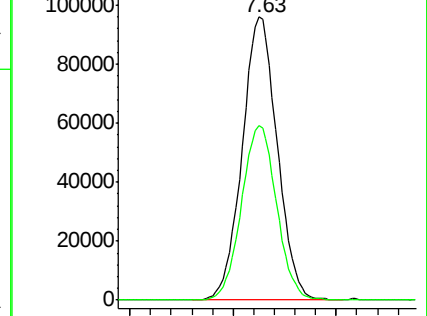
168 100

99 61.8 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: 68.709 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062267.D

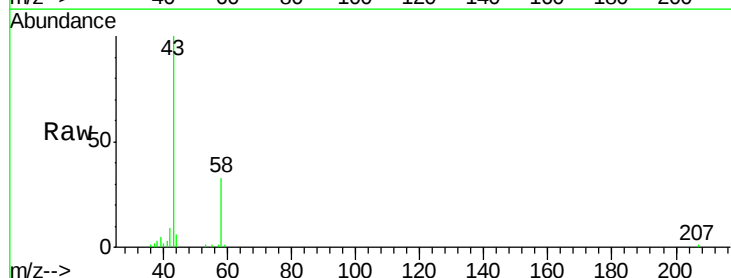
Acq: 1 Jul 2020 3:30

Tgt Ion: 43 Resp: 71457

Ion Ratio Lower Upper

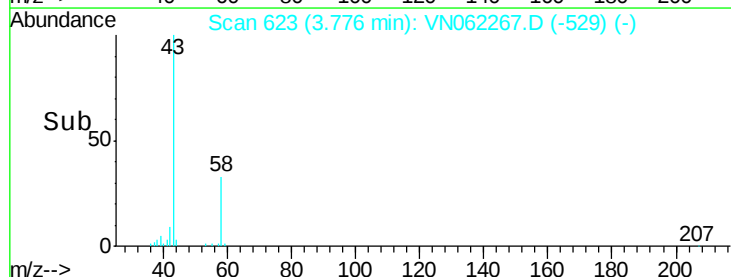
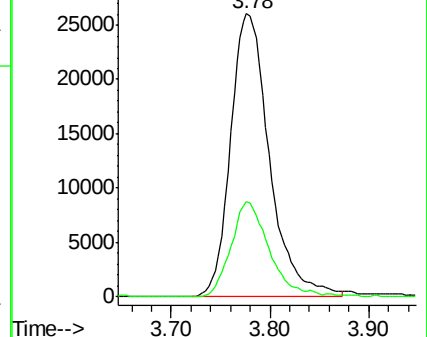
43 100

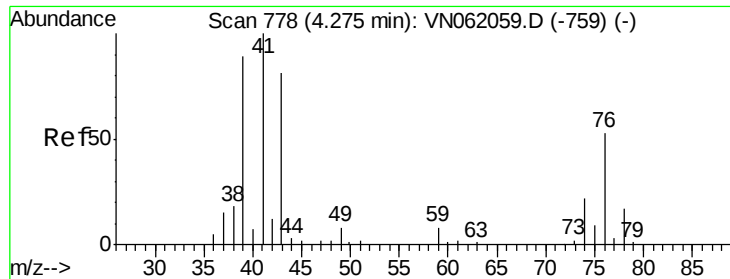
58 33.5 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

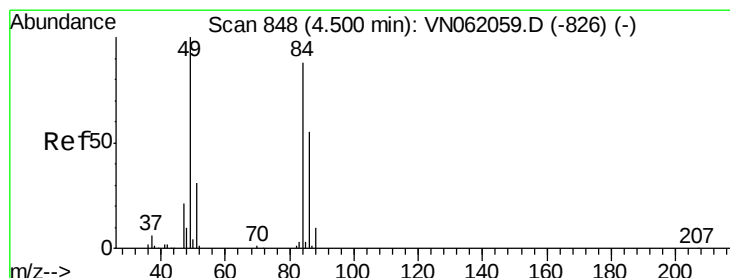
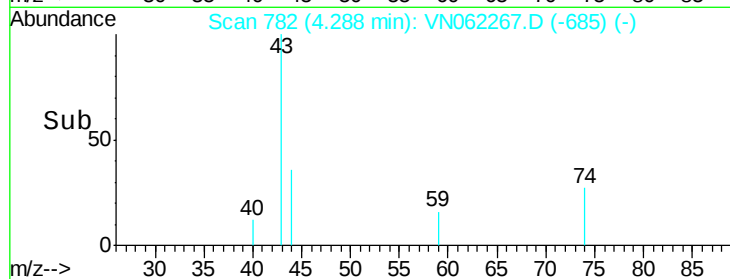
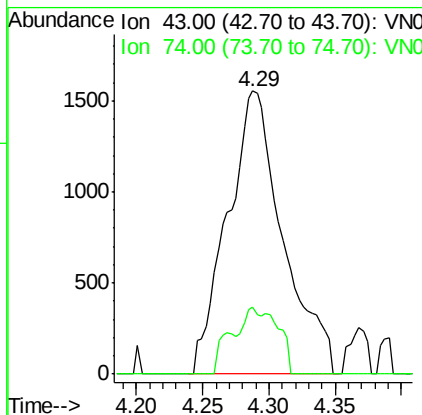
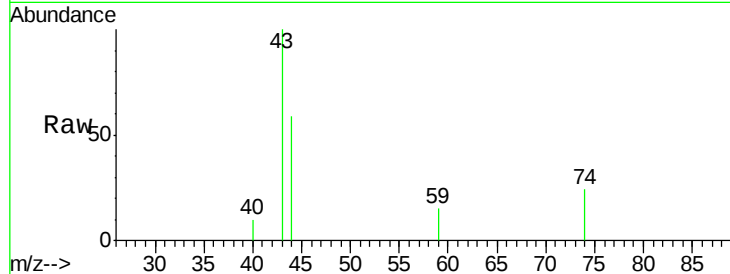




#18
Methyl Acetate
Concen: 1.797 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN062267.D
Acq: 1 Jul 2020 3:30

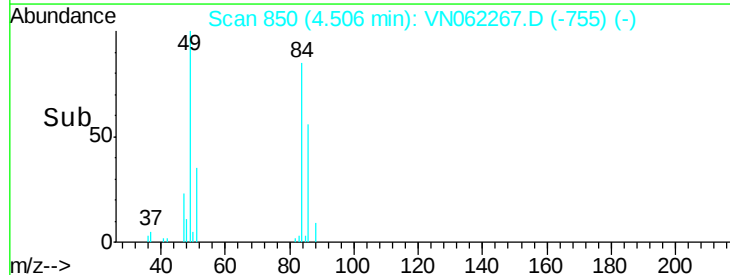
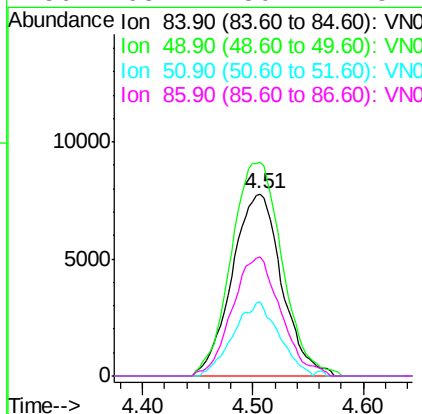
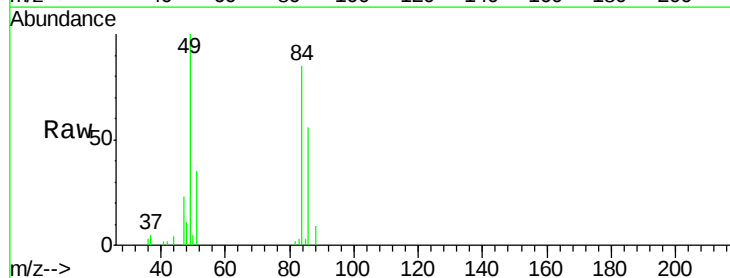
Instrument :
MSVOA_N
ClientSampled :
SP1-A

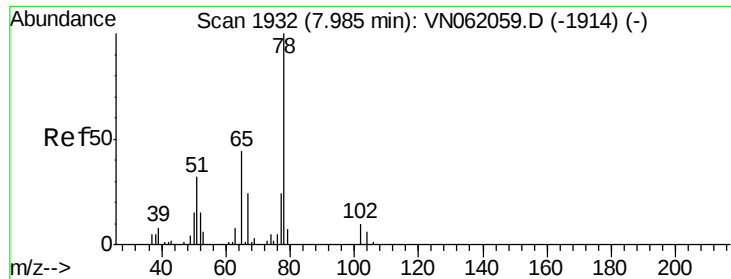
Tot Ion: 43 Resp: 4539
Ion Ratio Lower Upper
43 100
74 14.9 22.9 34.3#



#20
Methylene Chloride
Concen: 8.126 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN062267.D
Acq: 1 Jul 2020 3:30

Tgt Ion: 84 Resp: 24231
Ion Ratio Lower Upper
84 100
49 117.2 90.6 136.0
51 40.6 27.8 41.8
86 65.2 50.1 75.1

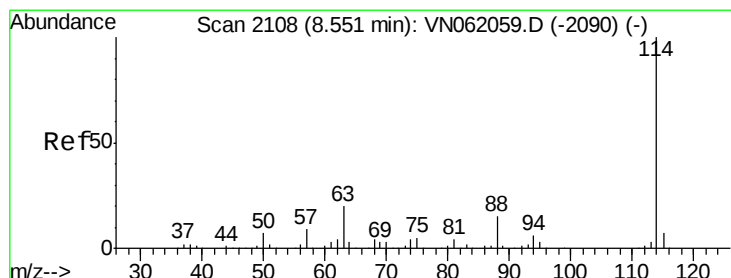
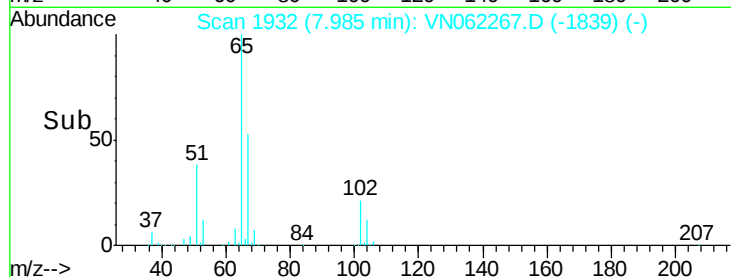
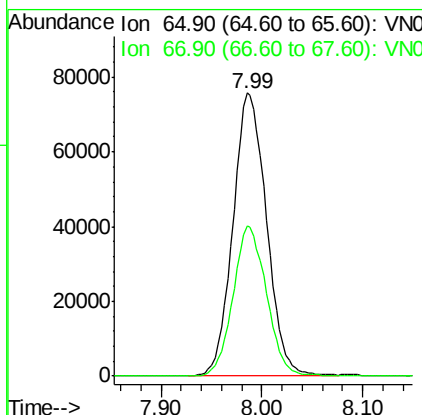
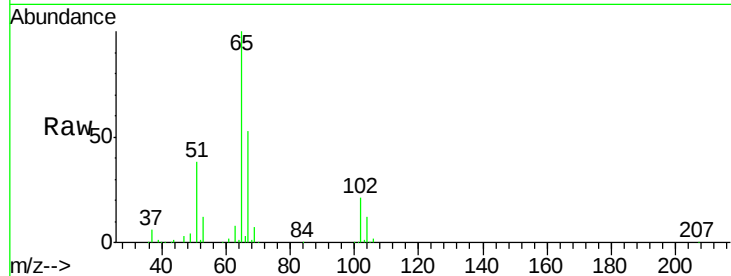




#33
 1,2-Dichloroethane-d4
 Concen: 55.177 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062267.D
 Acq: 1 Jul 2020 3:30

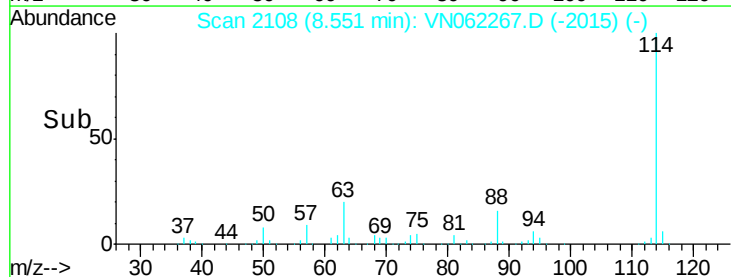
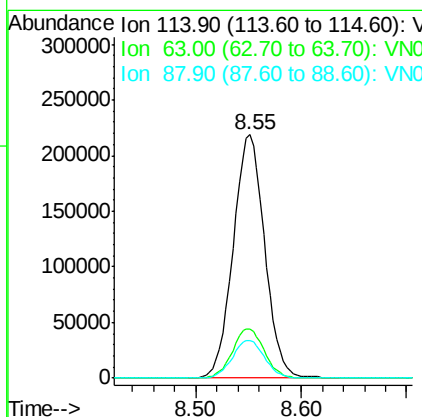
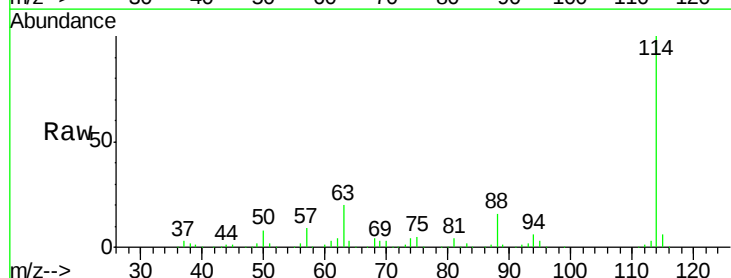
Instrument :
 MSVOA_N
 ClientSampleId :
 SP1-A

Tot Ion: 65 Resp: 175322
 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: VN062267.D
 Acq: 1 Jul 2020 3:30

Tgt Ion: 114 Resp: 452184
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.2
 88 15.5 0.0 30.8

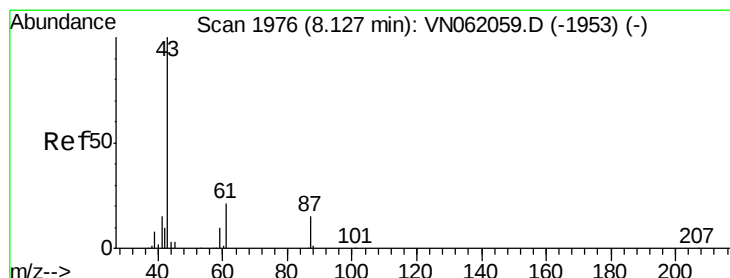
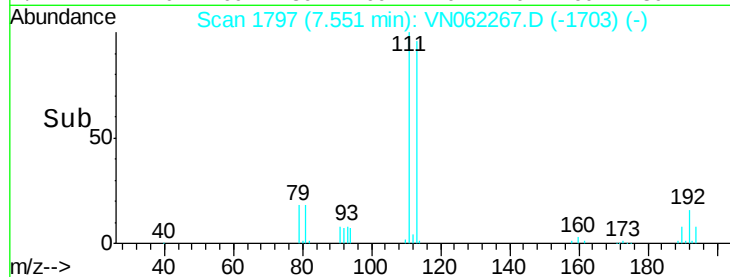
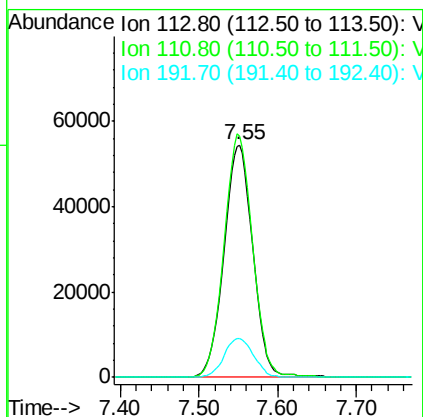
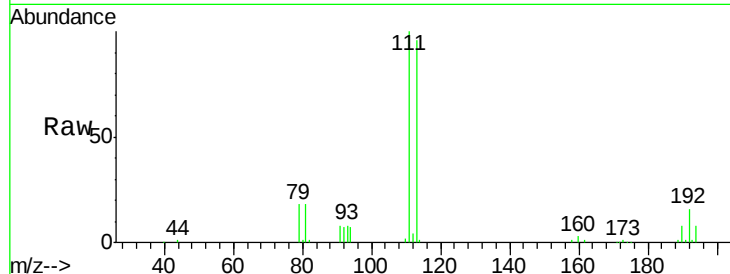




#35
 Dibromofluoromethane
 Concen: 47.484 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062267.D
 Acq: 1 Jul 2020 3:30

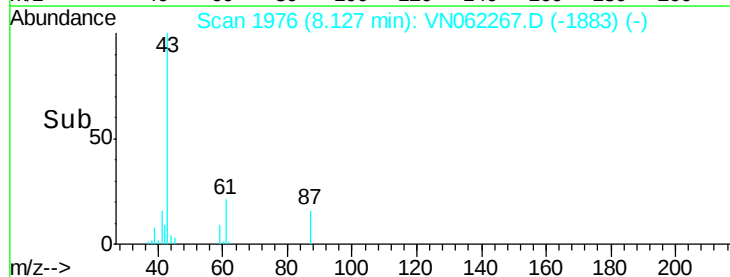
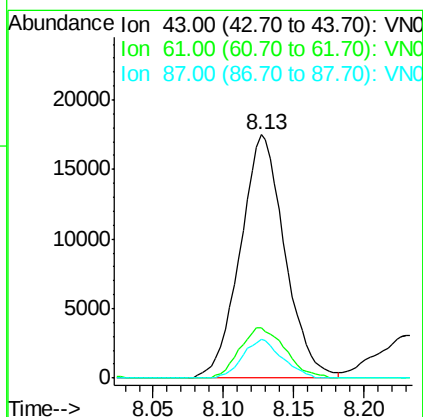
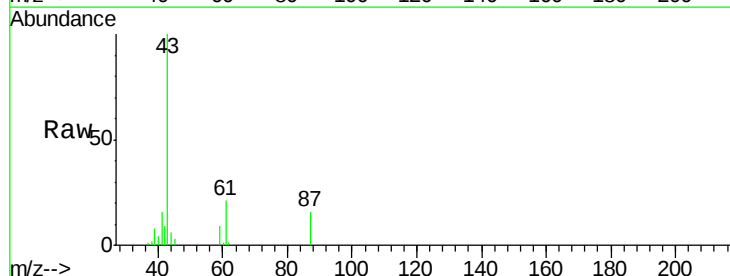
Instrument :
 MSVOA_N
 ClientSampleId :
 SP1-A

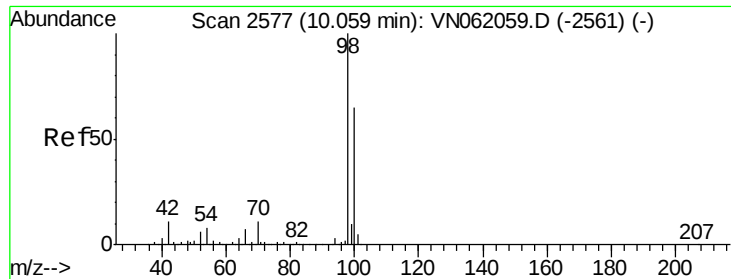
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.4
192	17.0	14.0	21.0



#43
 Isopropyl Acetate
 Concen: 6.301 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: VN062267.D
 Acq: 1 Jul 2020 3:30

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.1	17.2	25.8
87	14.0	12.1	18.1

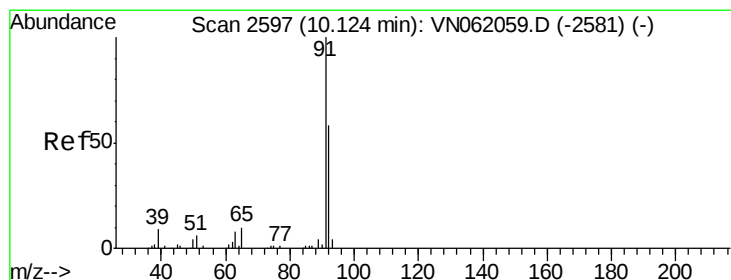
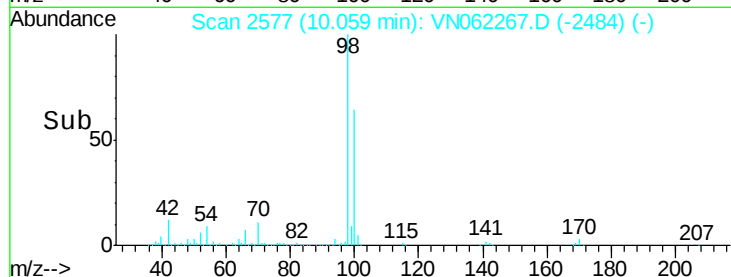
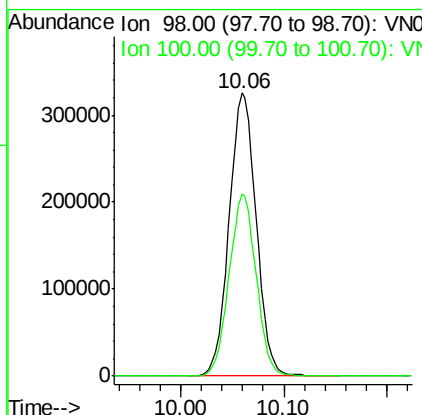
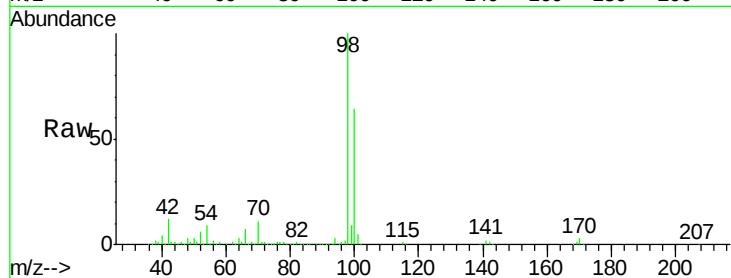




#50
Toluene-d8
Concen: 51.358 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062267.D
Acq: 1 Jul 2020 3:30

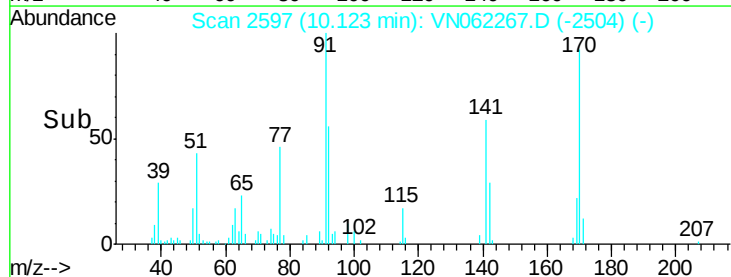
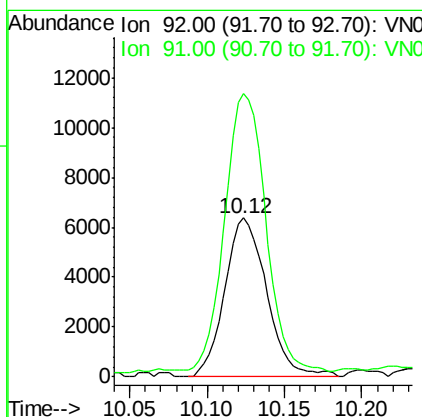
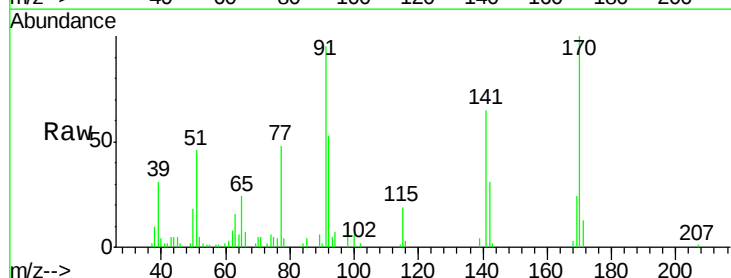
Instrument :
MSVOA_N
ClientSampled :
SP1-A

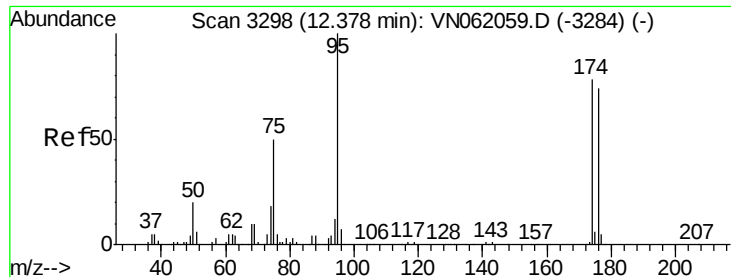
Tot Ion: 98 Resp: 595551
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8



#52
Toluene
Concen: 1.420 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062267.D
Acq: 1 Jul 2020 3:30

Tgt Ion: 92 Resp: 12001
Ion Ratio Lower Upper
92 100
91 172.7 137.4 206.0

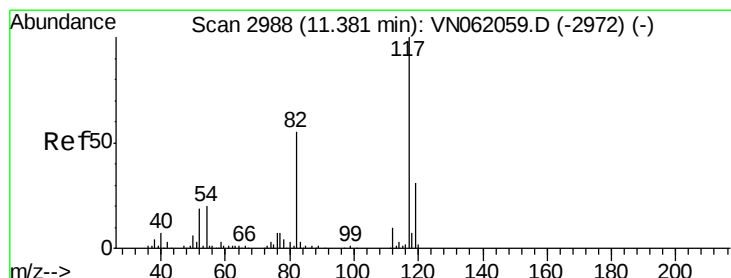
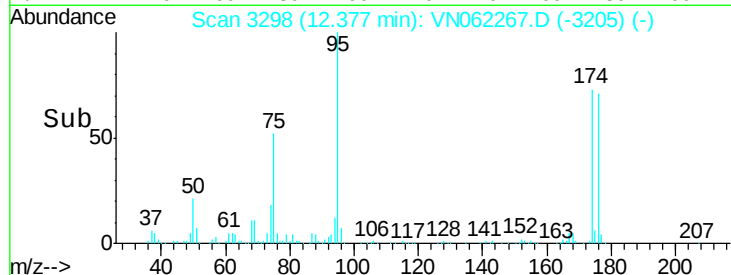
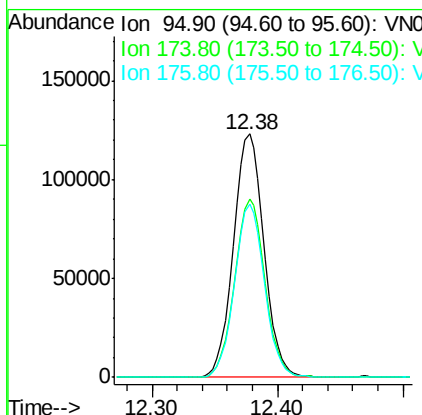
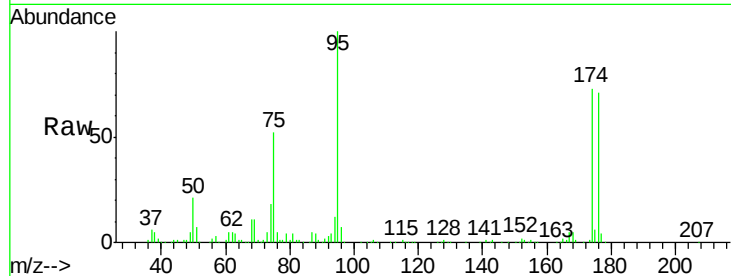




#62
4-Bromofluorobenzene
Concen: 53.179 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062267.D
Acq: 1 Jul 2020 3:30

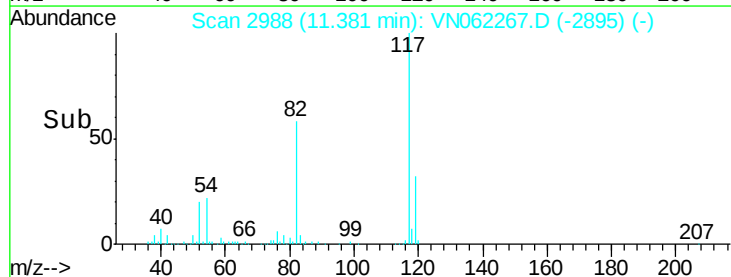
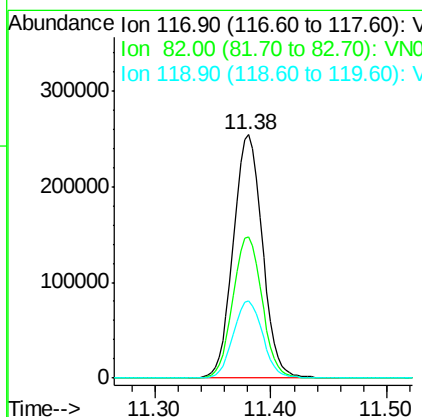
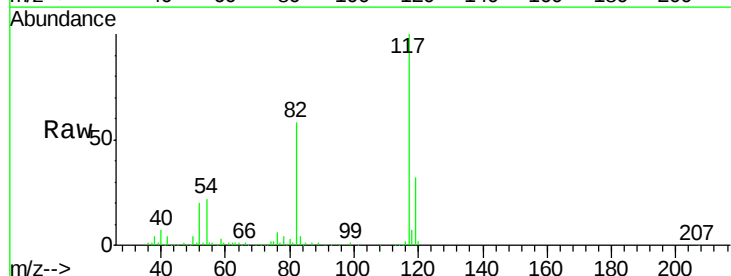
Instrument :
MSVOA_N
ClientSampleId :
SP1-A

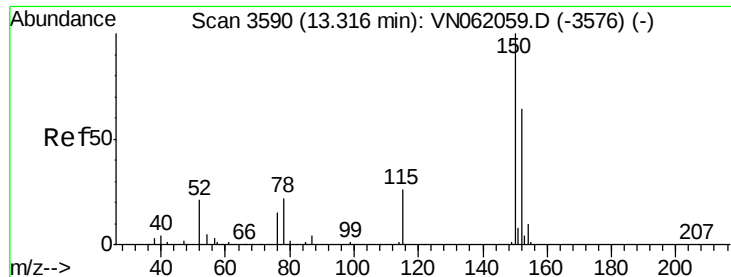
Tot Ion	95	Resp	208349
Ion Ratio	Lower	Upper	
95	100		
174	72.5	0.0	154.8
176	69.9	0.0	147.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062267.D
Acq: 1 Jul 2020 3:30

Tgt Ion	117	Resp	443435
Ion Ratio	Lower	Upper	
117	100		
82	58.1	43.8	65.8
119	31.8	25.2	37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062267.D

Acq: 1 Jul 2020 3:30

Instrument :

MSVOA_N

ClientSampled :

SP1-A

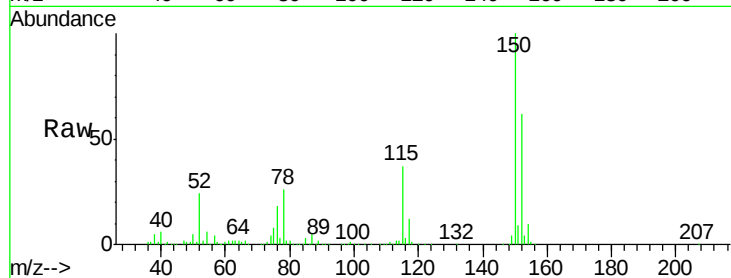
Tot Ion:152 Resp: 172078

Ion Ratio Lower Upper

152 100

115 60.7 29.5 88.5

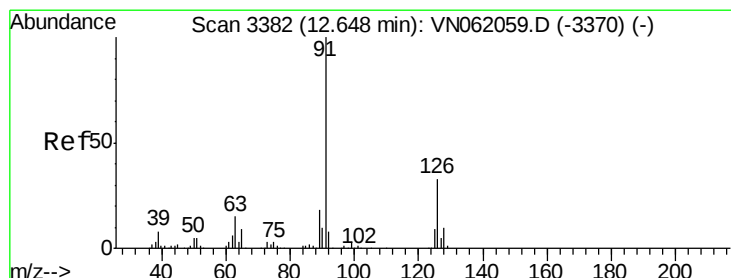
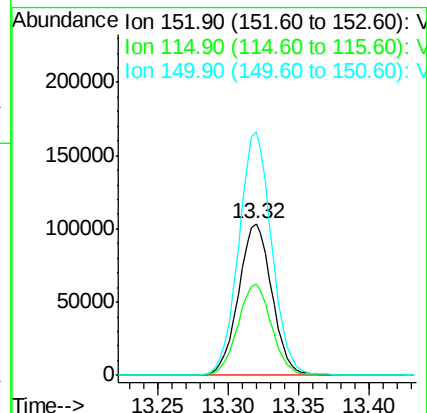
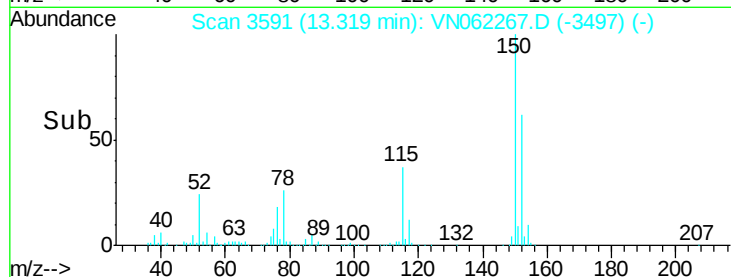
150 158.4 0.0 351.4



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: 9.733 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062267.D

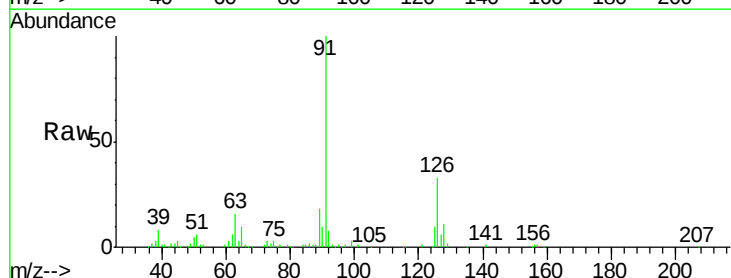
Acq: 1 Jul 2020 3:30

Tgt Ion: 91 Resp: 89656

Ion Ratio Lower Upper

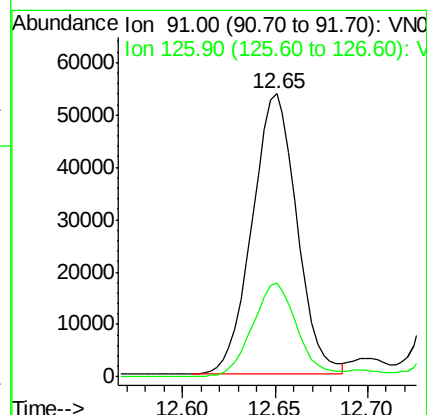
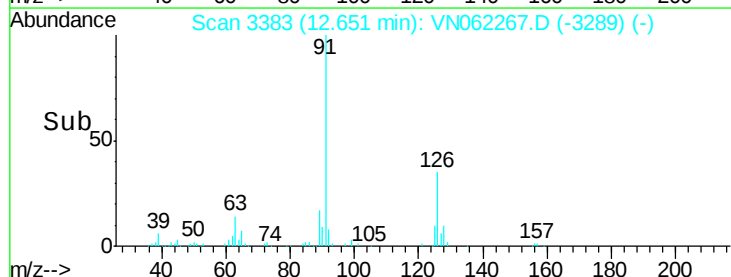
91 100

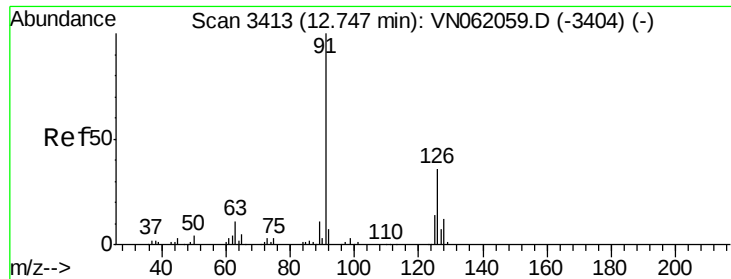
126 33.3 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#82

4-Chlorotoluene

Concen: 10.344 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062267.D

Acq: 1 Jul 2020 3:30

Instrument :

MSVOA_N

ClientSampled :

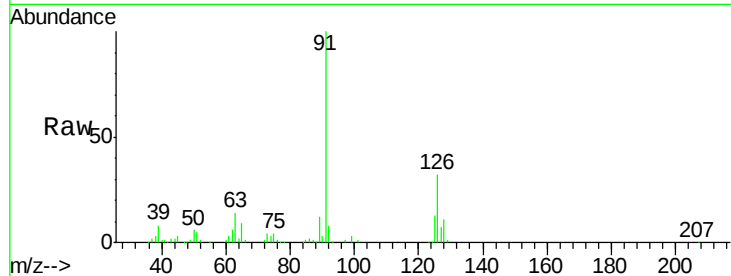
SP1-A

Tot Ion: 91 Resp: 98533

Ion Ratio Lower Upper

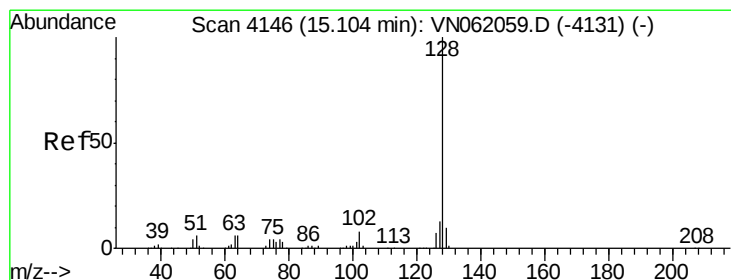
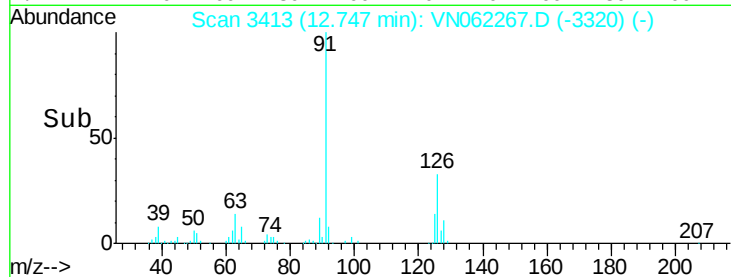
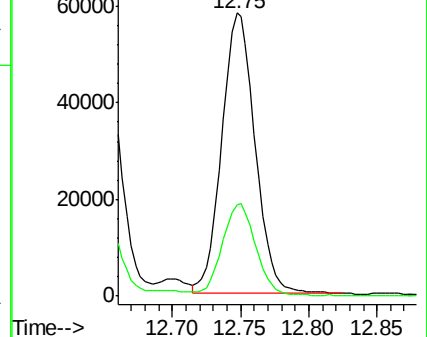
91 100

126 32.6 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3404) (-)

Ion 125.90 (125.60 to 126.60): VN062059.D (-3404) (-)



#95

Naphthalene

Concen: 4.369 ug/l

RT: 15.11 min Scan# 4148

Delta R.T. 0.01 min

Lab File: VN062267.D

Acq: 1 Jul 2020 3:30

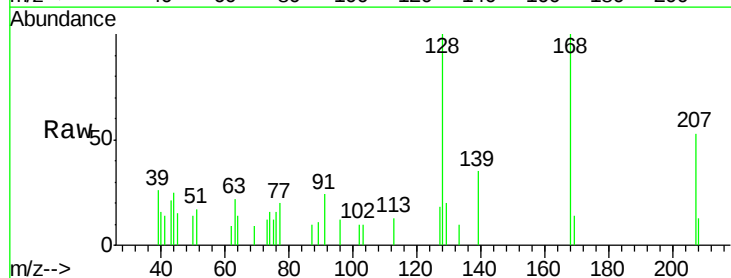
Tgt Ion: 128 Resp: 3336

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 14.7 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): VN062059.D (-4131) (-)

Ion 127.00 (126.70 to 127.70): VN062059.D (-4131) (-)

Ion 129.00 (128.70 to 129.70): VN062059.D (-4131) (-)

