

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063775.D
 Acq On : 1 Oct 2020 16:34
 Operator : JC/MD
 Sample : PB131943TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131943TB

Manual Integrations
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Quant Time: Oct 02 02:58:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	215573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	396411	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	419068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	171947	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	183632	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
35) Dibromofluoromethane	7.55	113	132815	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
50) Toluene-d8	10.06	98	519951	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.38	95	212195	54.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.28%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.75	59	2285m	5.811	ug/l	
16) Acetone	3.78	43	16771	15.298	ug/l	91
20) Methylene Chloride	4.51	84	20515	8.252	ug/l	96
25) 2-Butanone	6.79	43	13485	8.676	ug/l	91
43) Isopropyl Acetate	8.13	43	67368	10.236	ug/l	98

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

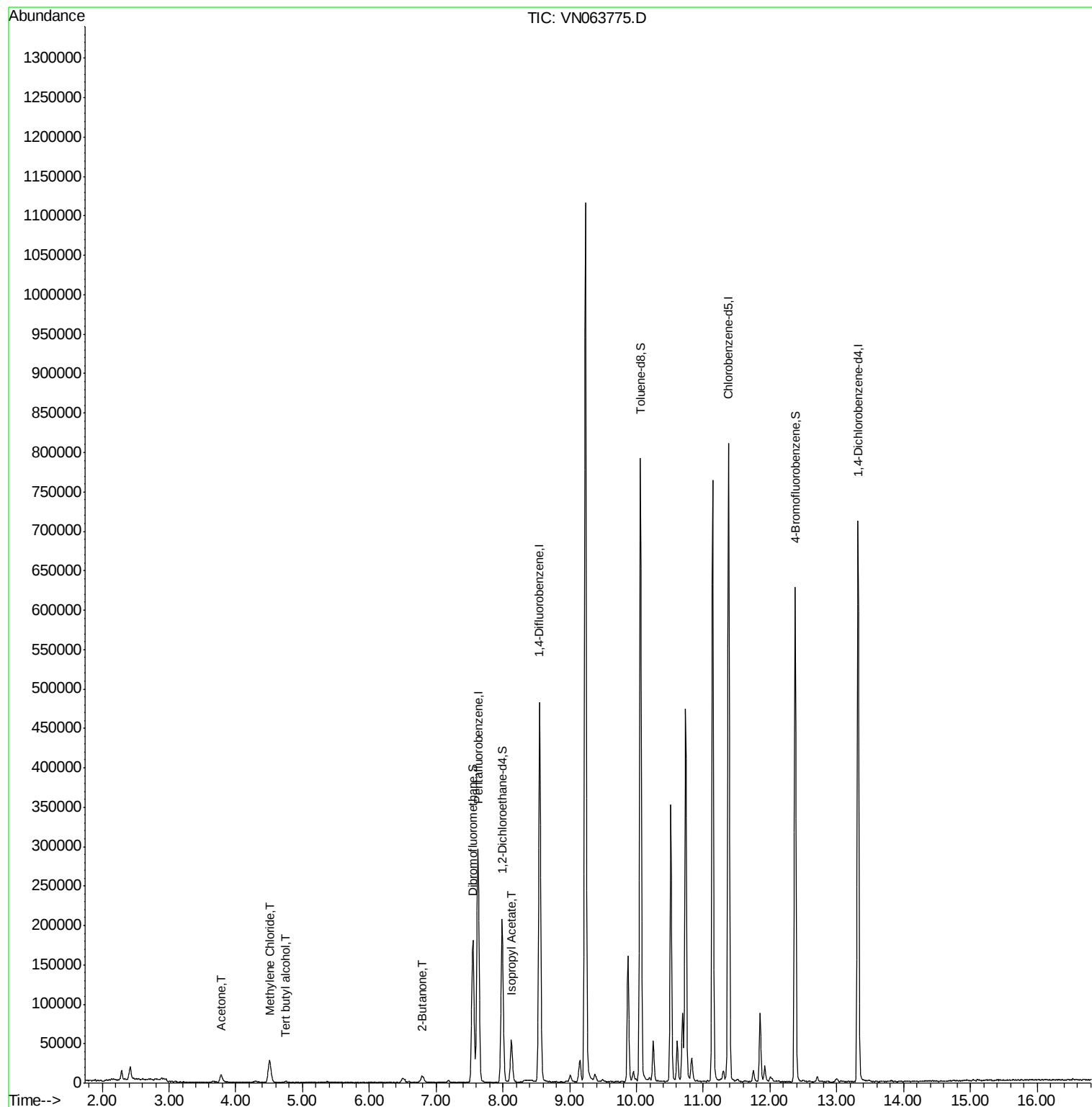
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100120\
Data File : VN063775.D
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Operator : JC/MD
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Quant Time: Oct 02 02:58:48 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063775.D

Acq: 1 Oct 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

PB131943TB

Tot Ion:168 Resp: 215573

Ion Ratio Lower Upper

168 100

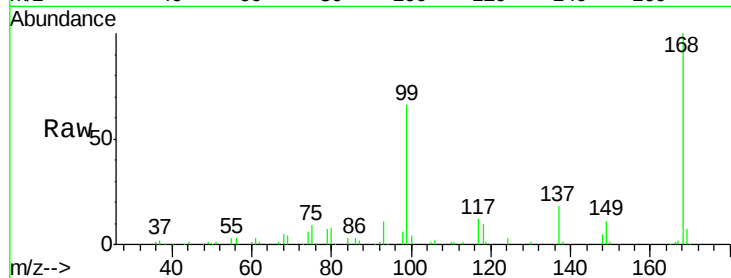
99 65.5 51.8 77.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

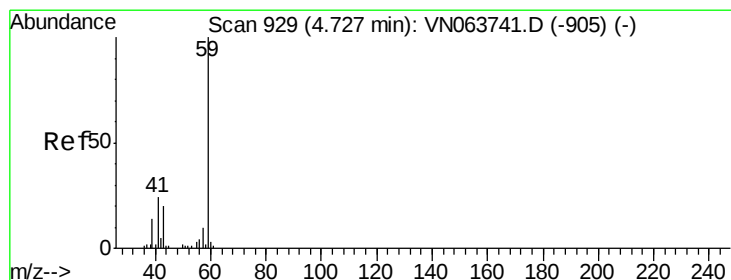
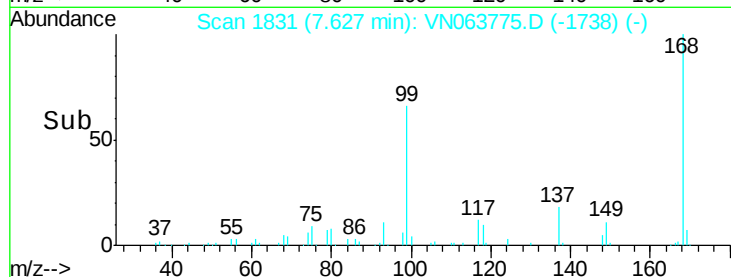
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#11

Tert butyl alcohol

Concen: 5.811 ug/l m

RT: 4.75 min Scan# 937

Delta R.T. 0.03 min

Lab File: VN063775.D

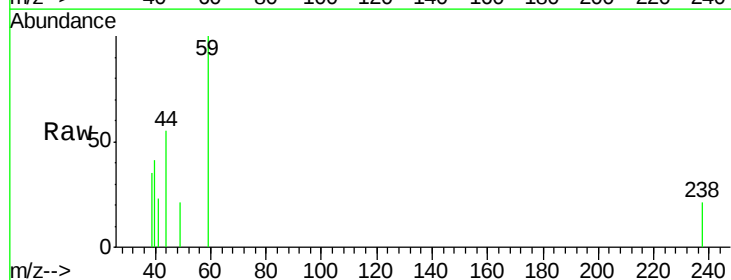
Acq: 1 Oct 2020 16:34

Tgt Ion: 59 Resp: 2285

Ion Ratio Lower Upper

59 100

57 4.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.75

800

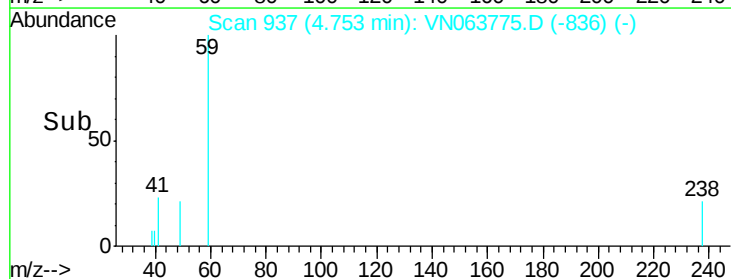
600

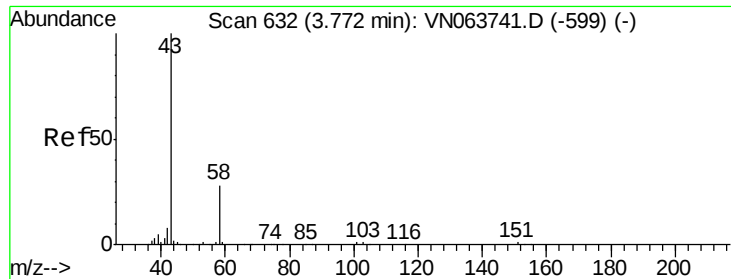
400

200

0

Time--> 4.65 4.70 4.75 4.80





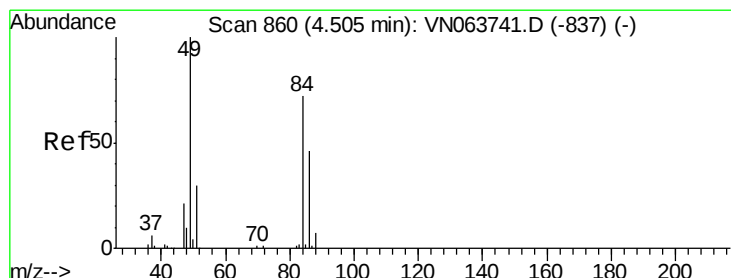
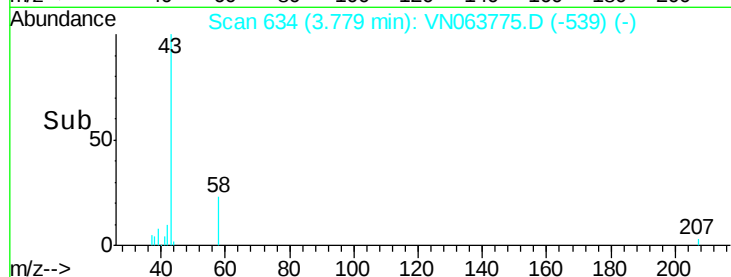
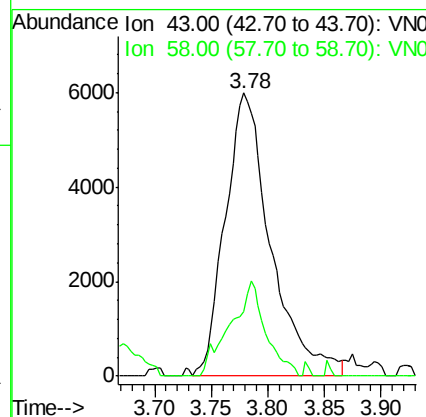
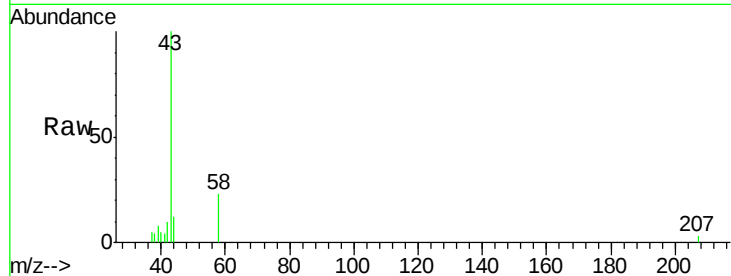
#16
Acetone
Concen: 15.298 ug/l
RT: 3.78 min Scan# 634
Delta R.T. 0.01 min
Lab File: VN063775.D
Acq: 1 Oct 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
PB131943TB

Tot Ion: 43 Resp: 16771
Ion Ratio Lower Upper
43 100
58 22.9 22.3 33.5

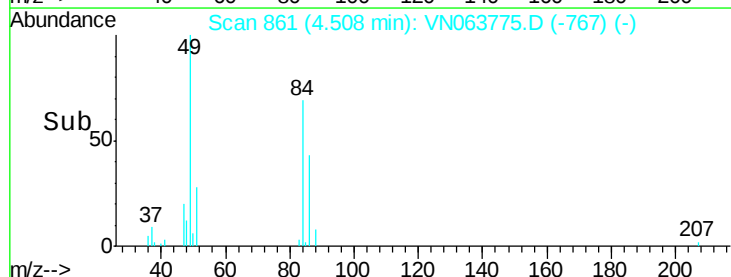
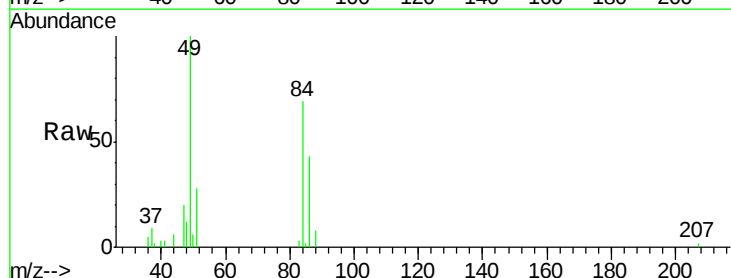
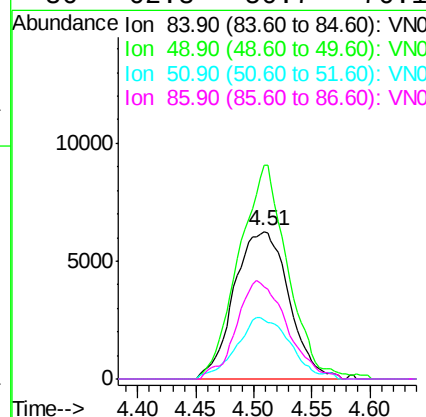
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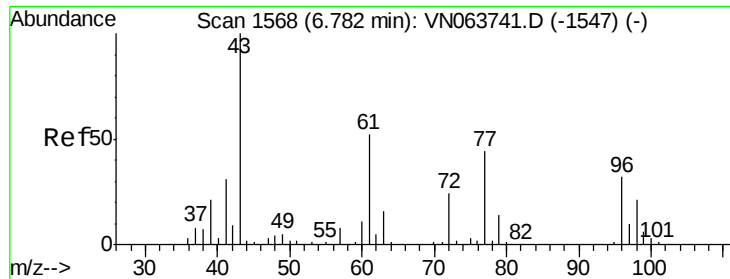
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#20
Methylene Chloride
Concen: 8.252 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN063775.D
Acq: 1 Oct 2020 16:34

Tgt Ion: 84 Resp: 20515
Ion Ratio Lower Upper
84 100
49 144.6 110.4 165.6
51 40.0 33.3 49.9
86 62.8 50.7 76.1





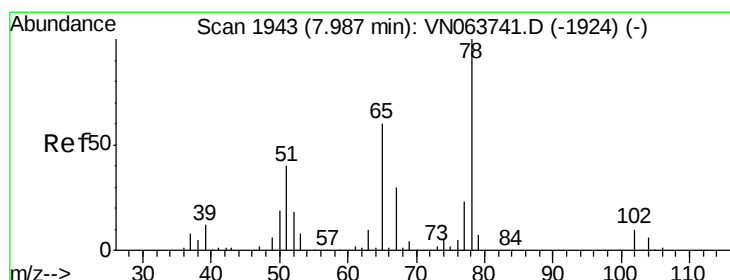
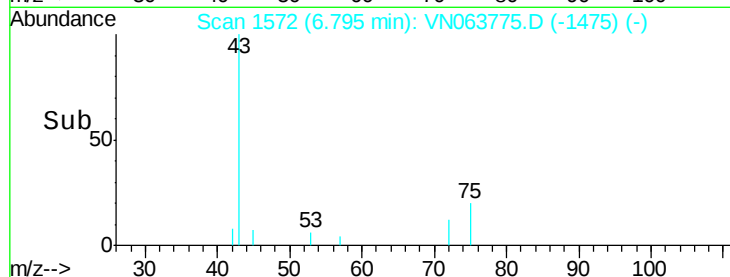
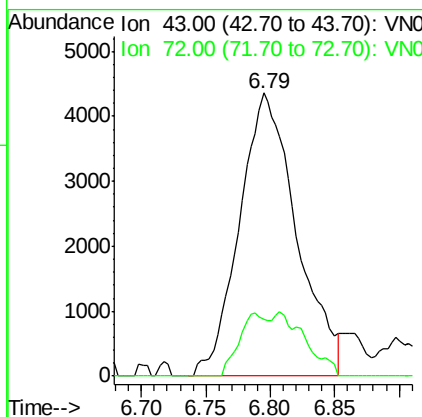
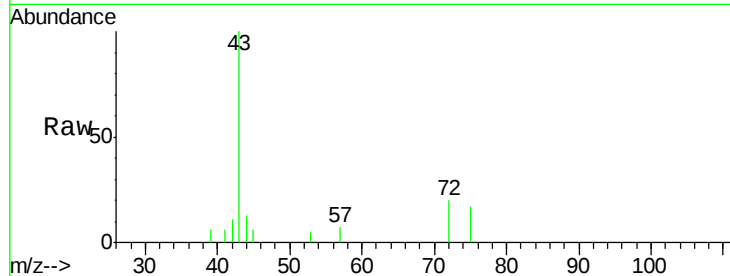
#25
2-Butanone
Concen: 8.676 ug/l
RT: 6.79 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN063775.D
Acq: 1 Oct 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
PB131943TB

Tot Ion: 43 Resp: 13485
Ion Ratio Lower Upper
43 100
72 19.9 19.3 28.9

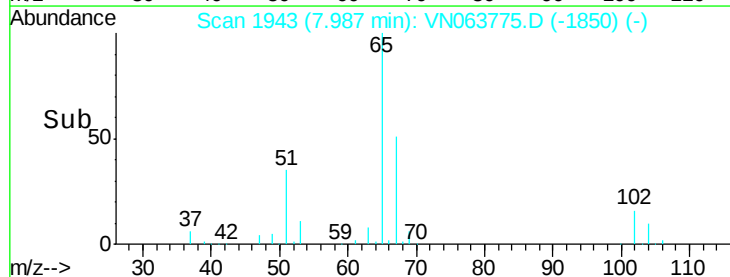
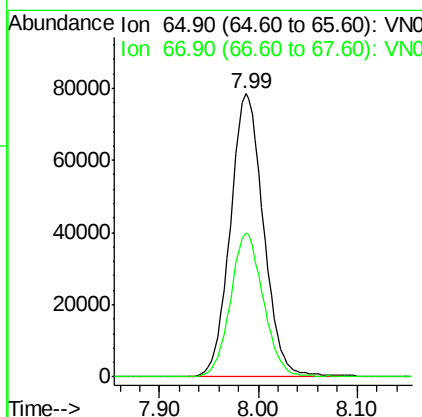
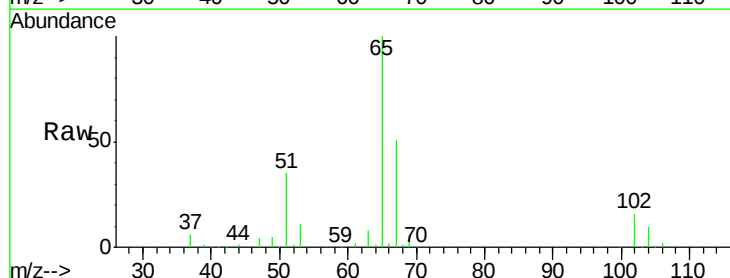
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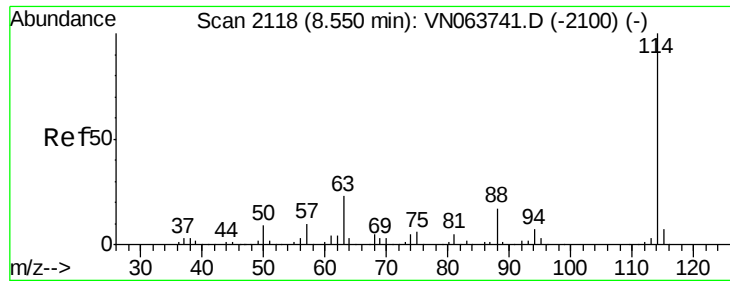
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#33
1,2-Dichloroethane-d4
Concen: 51.562 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063775.D
Acq: 1 Oct 2020 16:34

Tgt Ion: 65 Resp: 183632
Ion Ratio Lower Upper
65 100
67 50.3 0.0 99.6





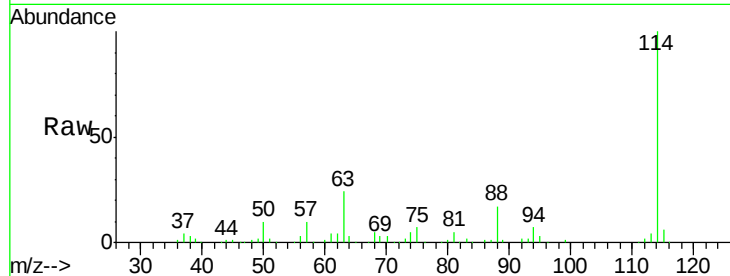
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN063775.D
Acq: 1 Oct 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
PB131943TB

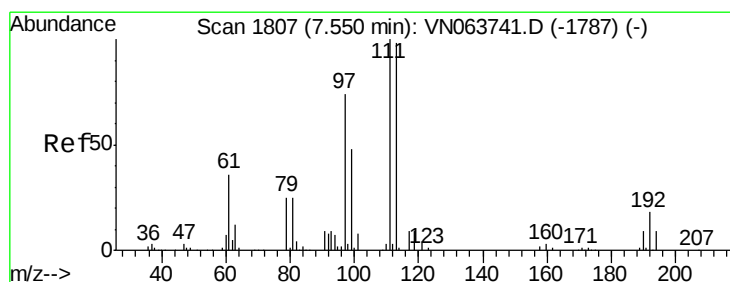
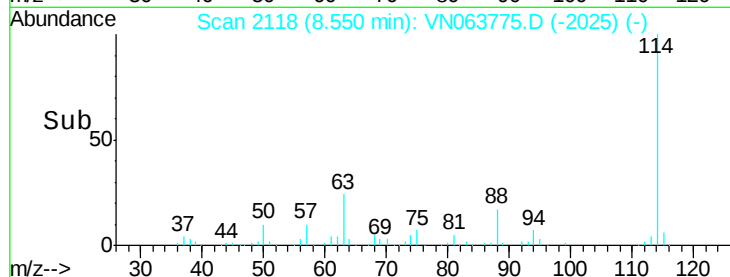
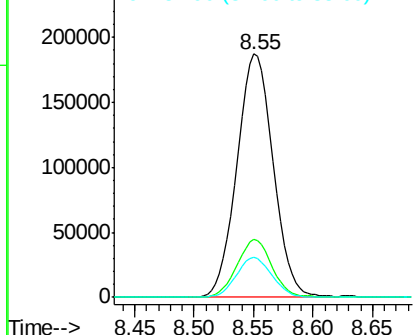
Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	23.6	0.0	45.0
88	16.5	0.0	34.0

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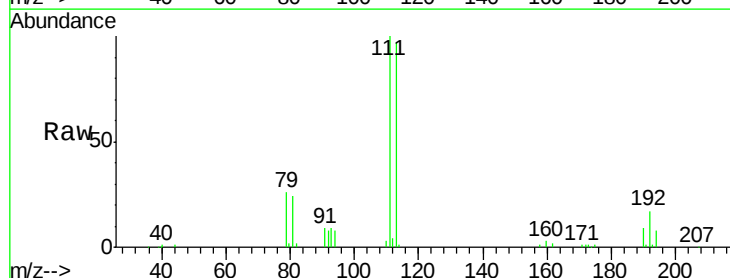


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

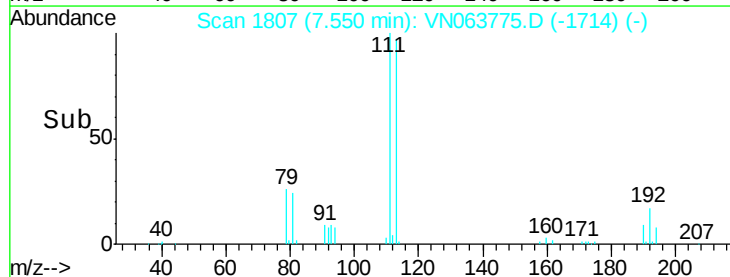
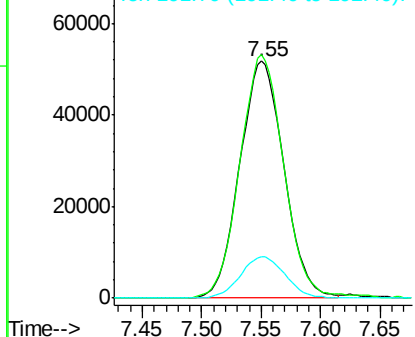


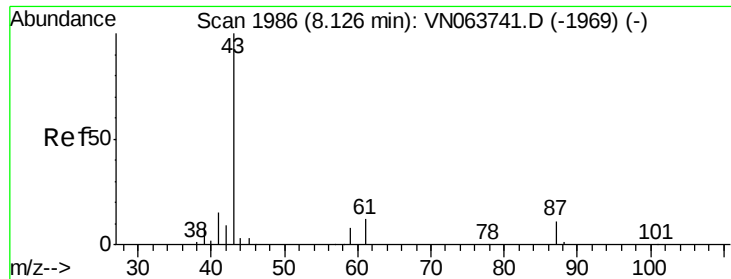
#35
Dibromofluoromethane
Concen: 48.286 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063775.D
Acq: 1 Oct 2020 16:34

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.0	81.8	122.8
192	17.7	14.2	21.2



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





#43

Isopropyl Acetate

Concen: 10.236 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063775.D

Acq: 1 Oct 2020 16:34

Instrument :

MSVOA_N

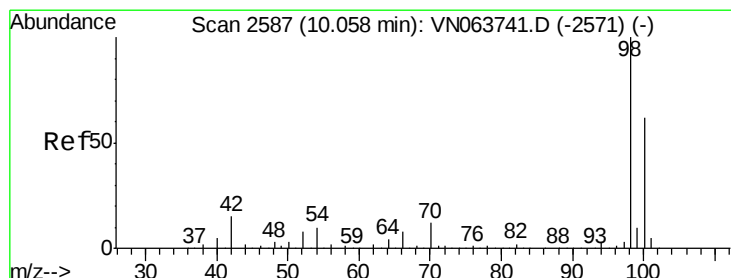
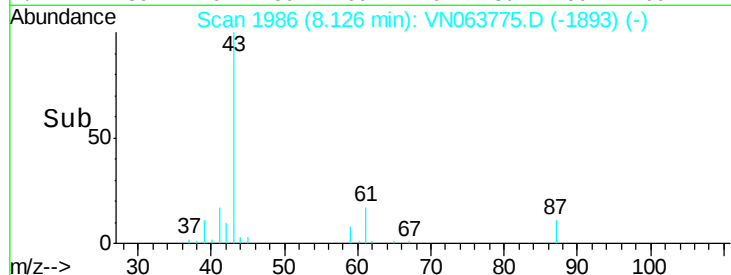
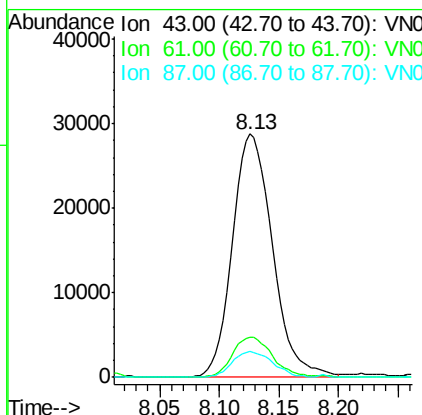
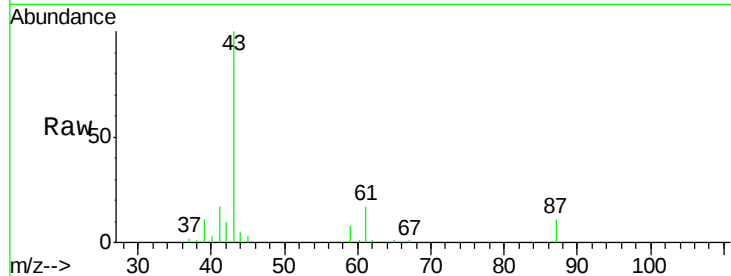
ClientSampleId :

PB131943TB

Tot Ion:	43	Resp:	67368
Ion	Ratio	Lower	Upper
43	100		
61	16.7	14.2	21.4
87	10.7	9.0	13.6

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#50

Toluene-d8

Concen: 49.865 ug/l

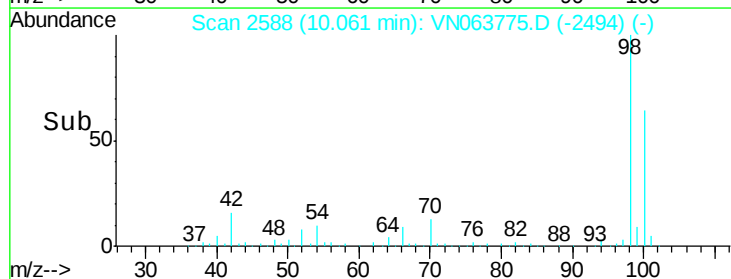
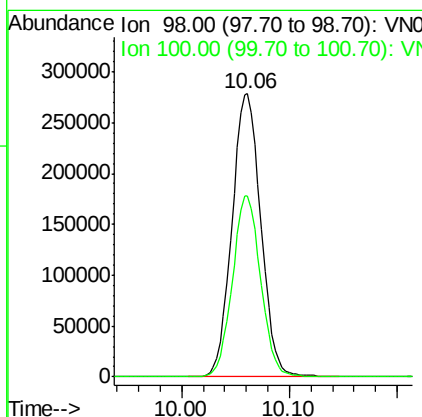
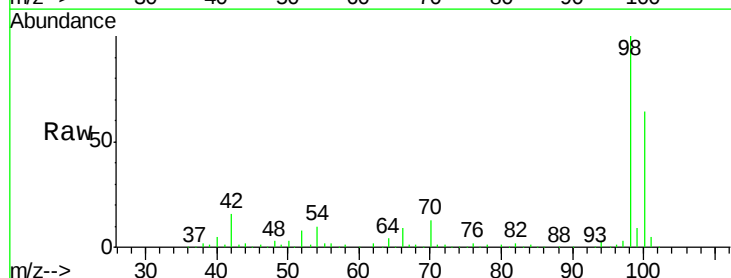
RT: 10.06 min Scan# 2588

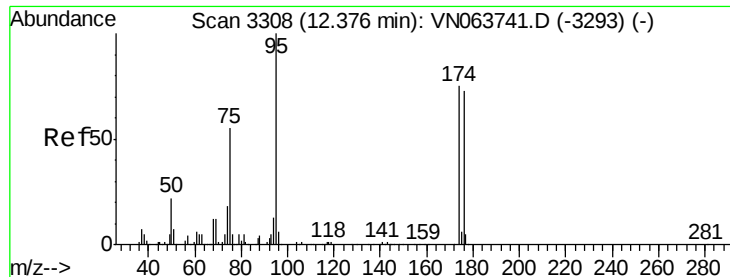
Delta R.T. 0.00 min

Lab File: VN063775.D

Acq: 1 Oct 2020 16:34

Tgt Ion:	98	Resp:	519951
Ion	Ratio	Lower	Upper
98	100		
100	62.6	49.8	74.6





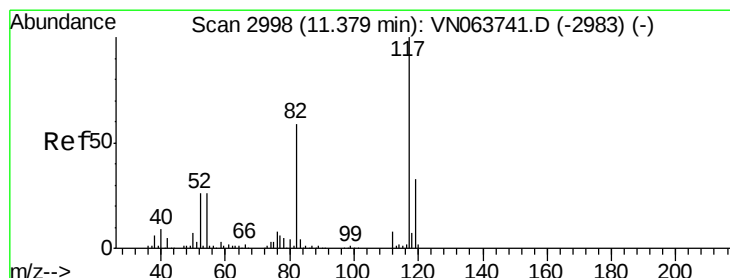
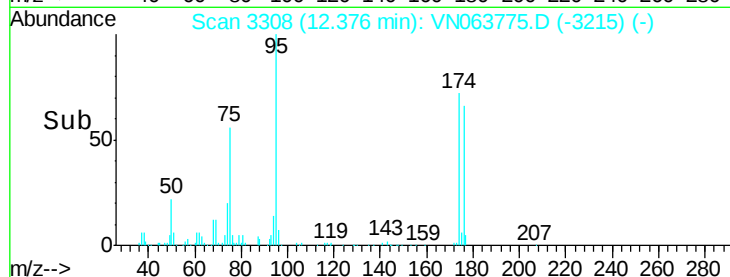
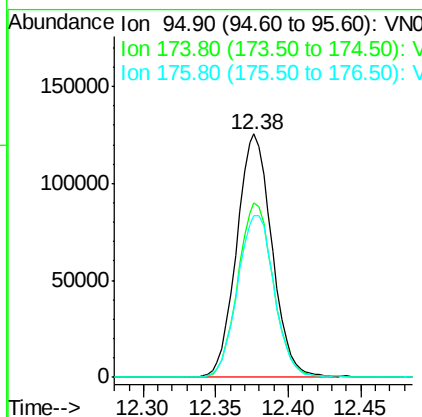
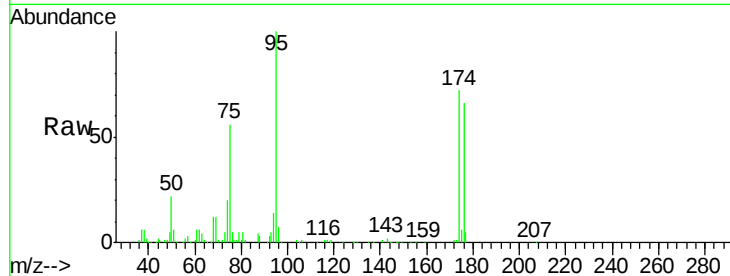
#62
4-Bromofluorobenzene
Concen: 54.135 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063775.D
Acq: 1 Oct 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
PB131943TB

Tot Ion	Ratio	Resp	Lower	Upper
95	100	212195		
174	72.3	0.0	150.6	
176	69.2	0.0	145.4	

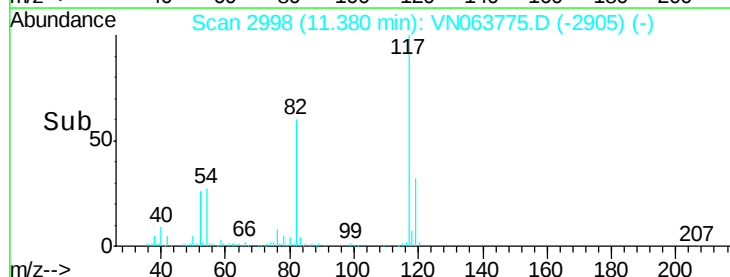
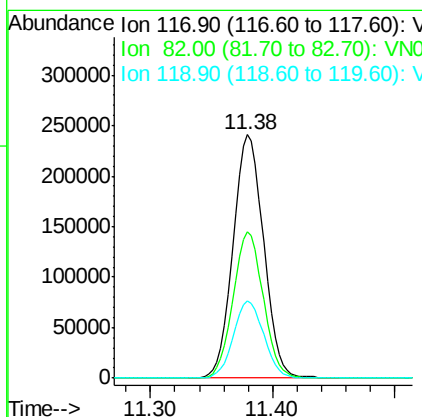
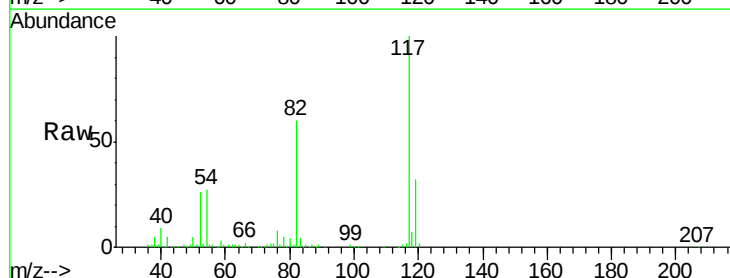
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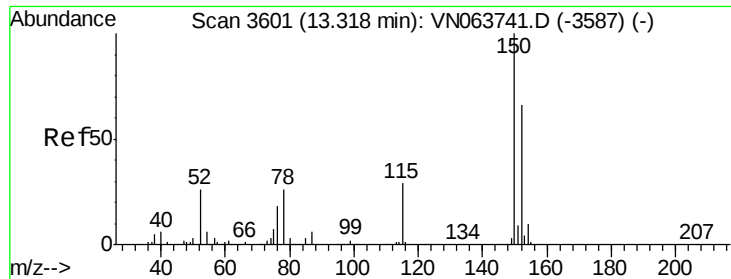
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063775.D
Acq: 1 Oct 2020 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	419068		
82	60.2	47.4	71.2	
119	31.6	26.4	39.6	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063775.D

Acq: 1 Oct 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

PB131943TB

Tot Ion:152 Resp: 171947

Ion Ratio Lower Upper

152 100

115 64.5 31.3 93.8

150 159.4 0.0 341.8

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