

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101320\
 Data File : VN064109.D
 Acq On : 13 Oct 2020 18:22
 Operator : JC/MD
 Sample : L4381-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-FRAC-TANKS

Manual Integrations
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 10/14/2020 2:09:20 PM

Quant Time: Oct 14 04:51:20 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	218568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	401825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	403829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	161091	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	180911	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
35) Dibromofluoromethane	7.55	113	133495	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
50) Toluene-d8	10.06	98	509911	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
62) 4-Bromofluorobenzene	12.38	95	193895	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
Target Compounds						
16) Acetone	3.79	43	9823m	8.837	ug/l	Qvalue
25) 2-Butanone	6.80	43	6100	3.871	ug/l	100

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

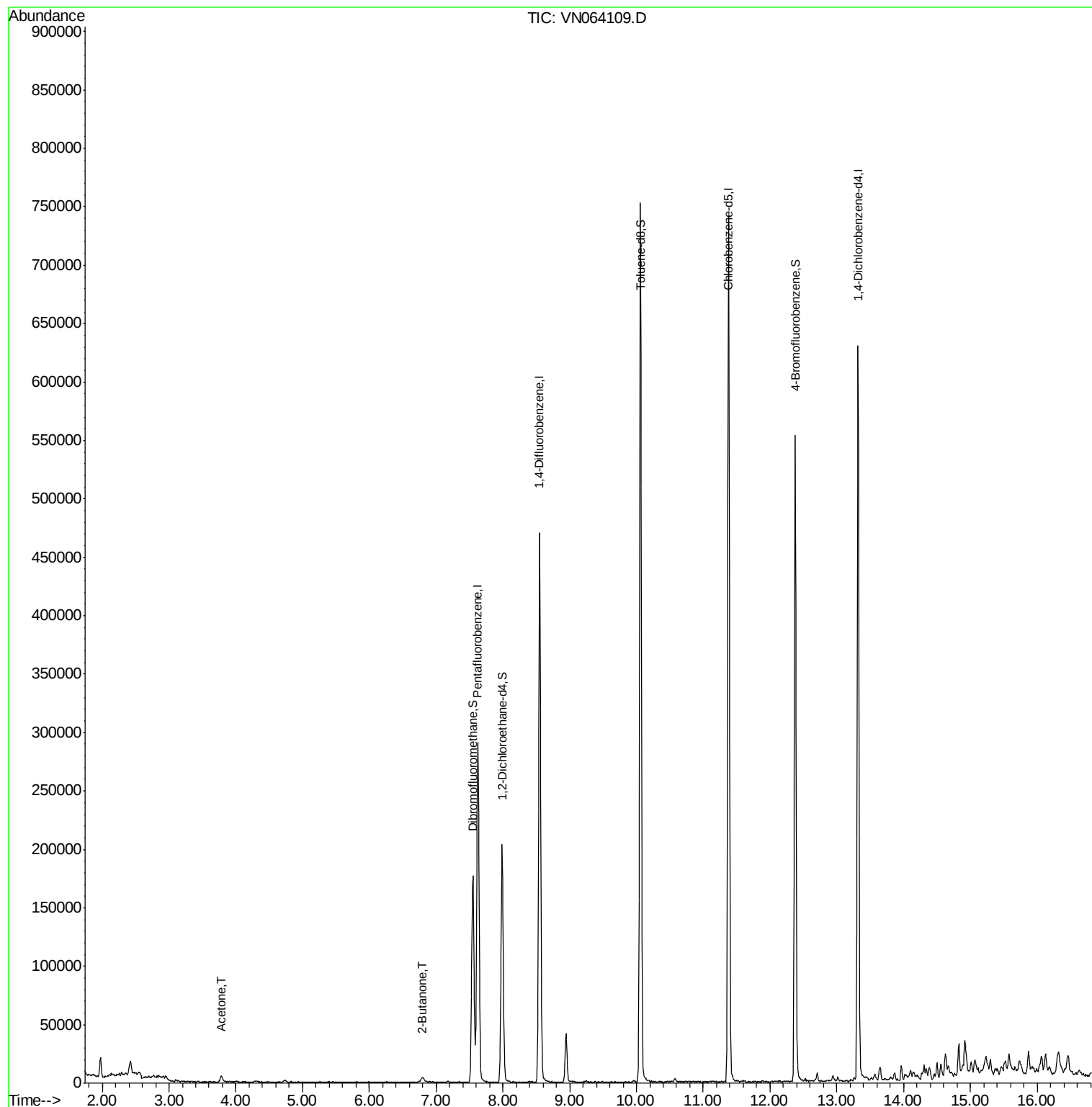
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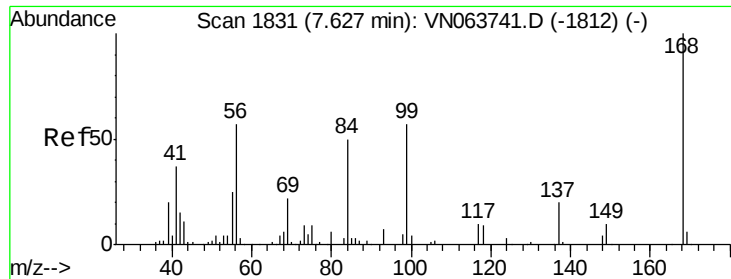
Instrument :
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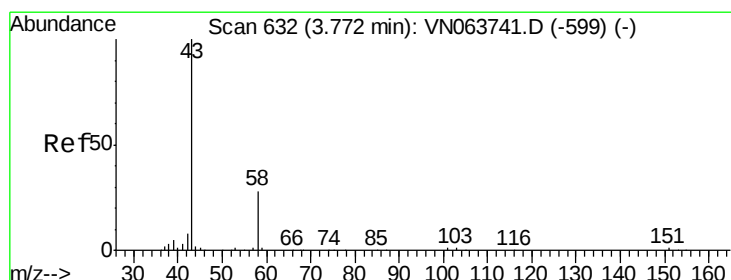
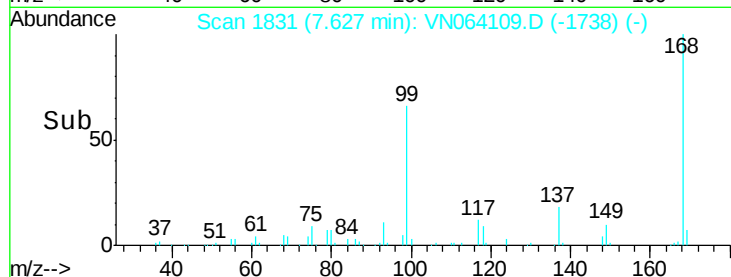
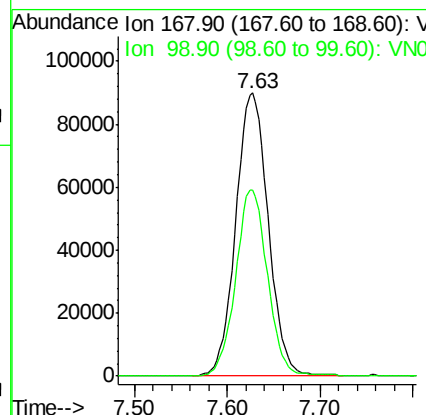
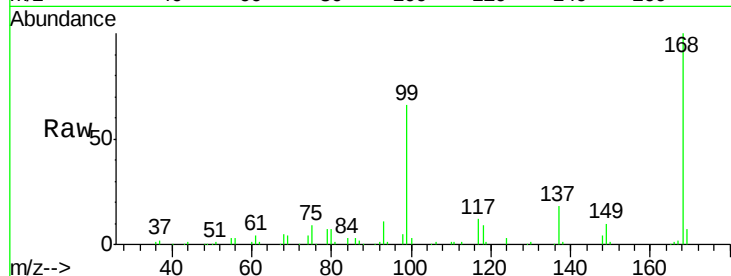
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN064109.D
Acq: 13 Oct 2020 18:22

Instrument :
MSVOA_N
ClientSampleId :
COMP-FRAC-TANKS

Tot Ion:168 Resp: 218568
Ion Ratio Lower Upper
168 100
99 65.7 51.8 77.6

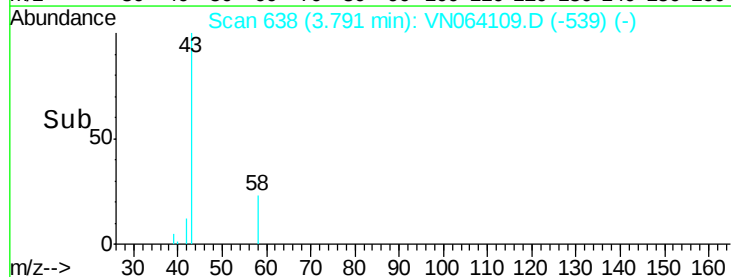
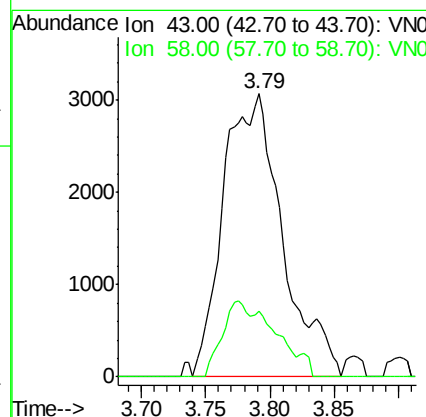
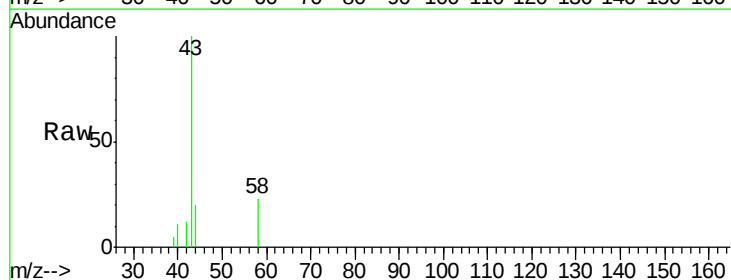
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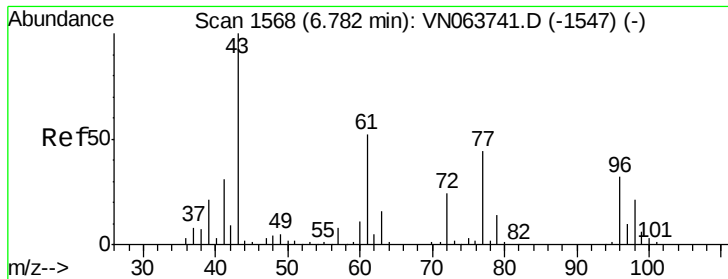
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#16
Acetone
Concen: 8.837 ug/l m
RT: 3.79 min Scan# 638
Delta R.T. 0.02 min
Lab File: VN064109.D
Acq: 13 Oct 2020 18:22

Tgt Ion: 43 Resp: 9823
Ion Ratio Lower Upper
43 100
58 23.5 22.3 33.5





#25

2-Butanone

Concen: 3.871 ug/l

RT: 6.80 min Scan# 1574

Delta R.T. 0.02 min

Lab File: VN064109.D

Acq: 13 Oct 2020 18:22

Instrument :

MSVOA_N

ClientSampleId :

COMP-FRAC-TANKS

Tot Ion: 43 Resp: 6100

Ion Ratio Lower Upper

43 100

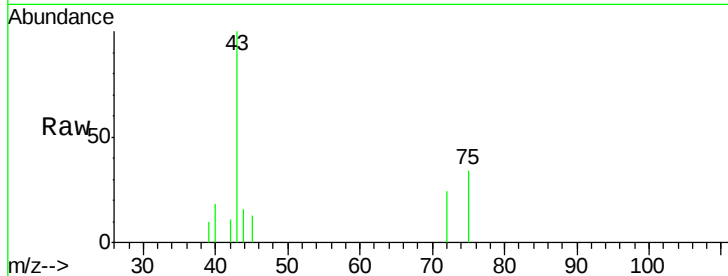
72 24.1 19.3 28.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1547) (-)

Ion 72.00 (71.70 to 72.70): VN063741.D (-1547) (-)

6.80

1500

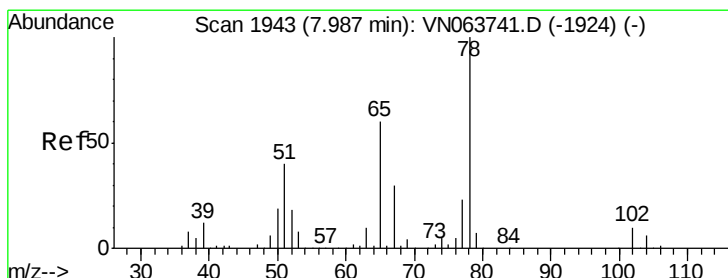
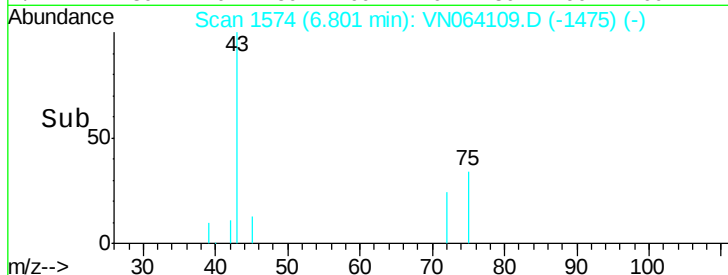
1000

500

0

6.70 6.75 6.80 6.85

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.101 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064109.D

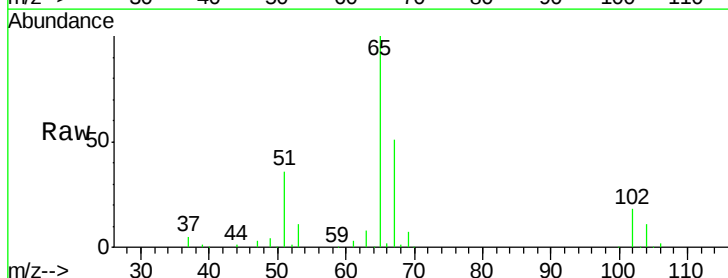
Acq: 13 Oct 2020 18:22

Tgt Ion: 65 Resp: 180911

Ion Ratio Lower Upper

65 100

67 50.6 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN063741.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063741.D (-1924) (-)

7.99

80000

60000

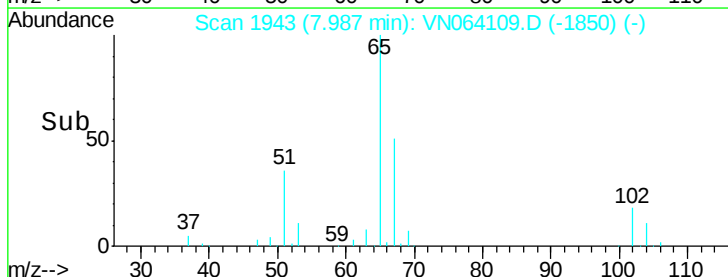
40000

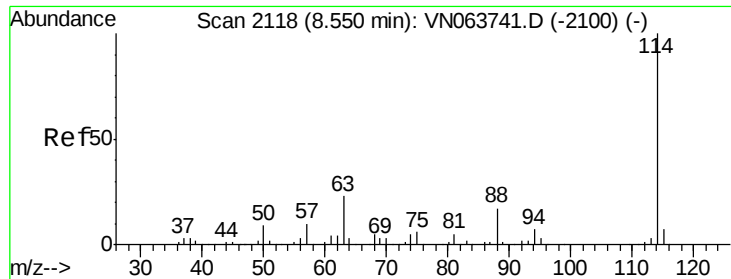
20000

0

7.90 8.00 8.10

Time-->





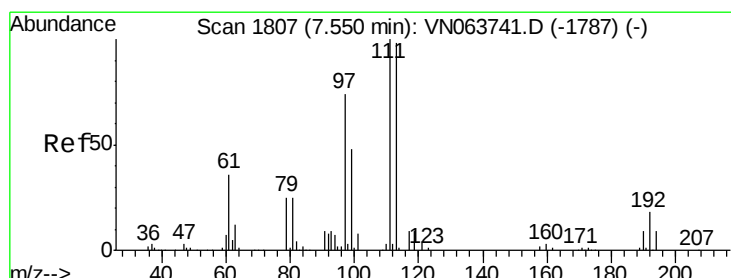
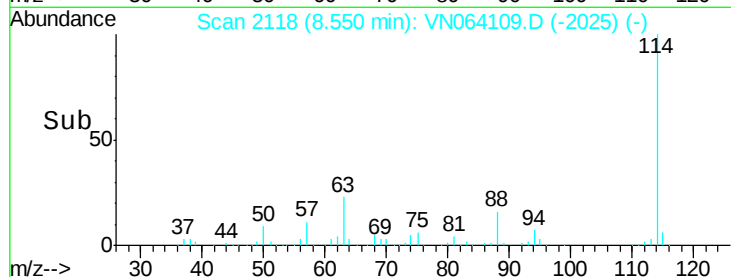
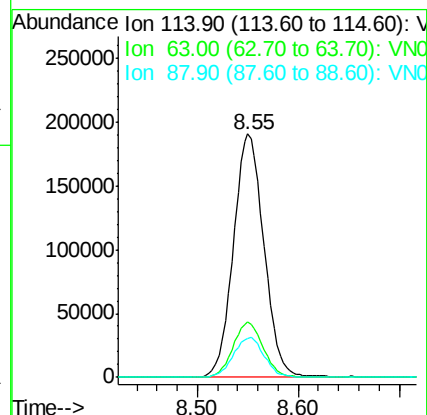
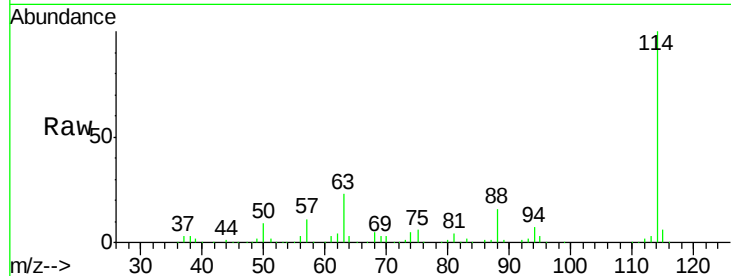
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064109.D
Acq: 13 Oct 2020 18:22

Instrument :
MSVOA_N
ClientSampleId :
COMP-FRAC-TANKS

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	22.6	0.0	45.0
88	16.1	0.0	34.0

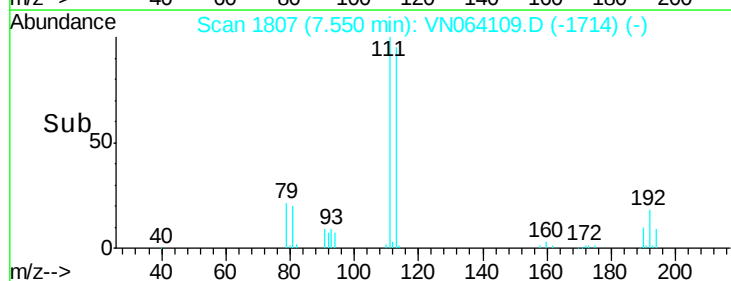
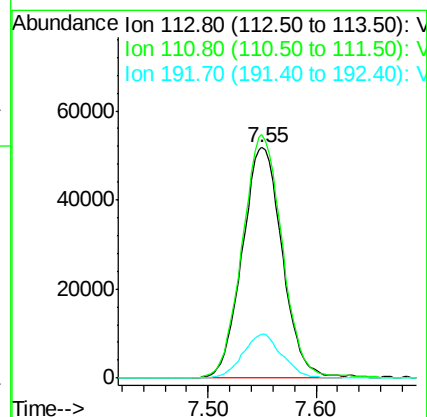
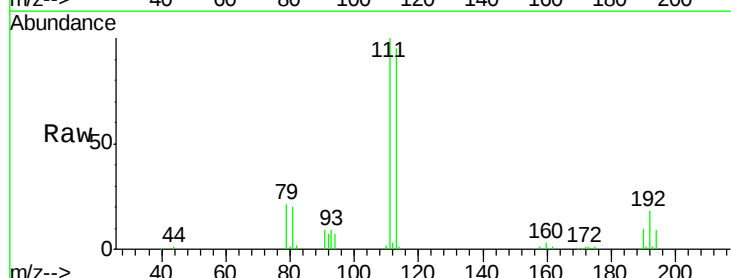
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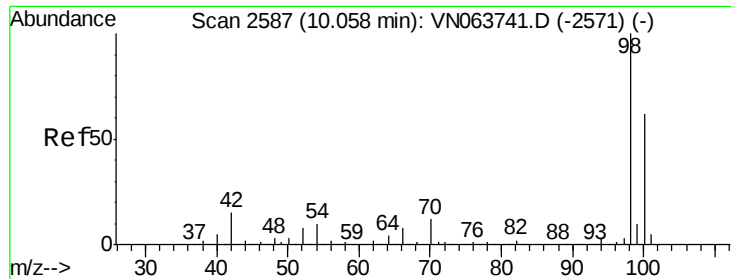
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#35
Dibromofluoromethane
Concen: 47.879 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064109.D
Acq: 13 Oct 2020 18:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	105.1	81.8	122.8
192	18.6	14.2	21.2





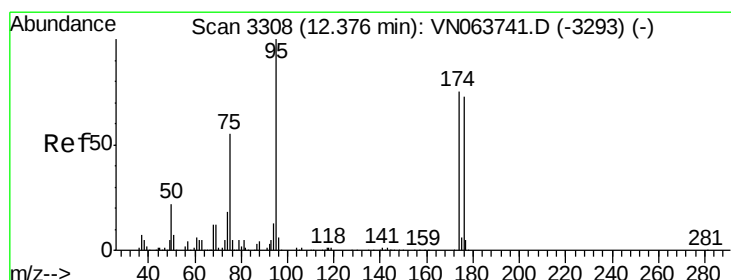
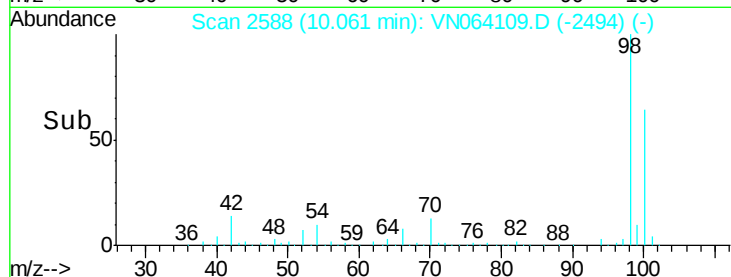
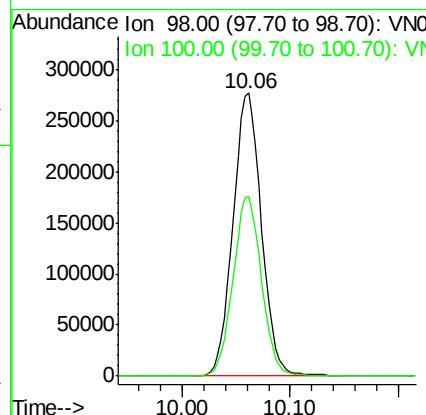
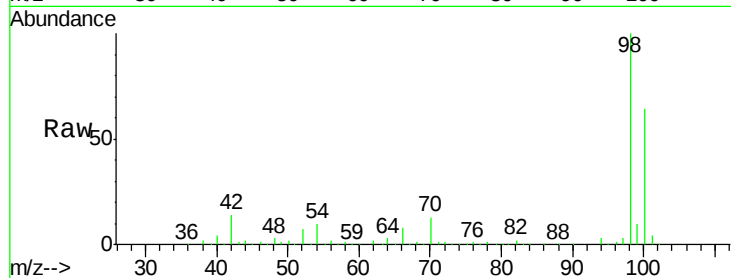
#50
Toluene-d8
Concen: 48.243 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064109.D
Acq: 13 Oct 2020 18:22

Instrument :
MSVOA_N
ClientSampleId :
COMP-FRAC-TANKS

Tot Ion: 98 Resp: 509911
Ion Ratio Lower Upper
98 100
100 63.4 49.8 74.6

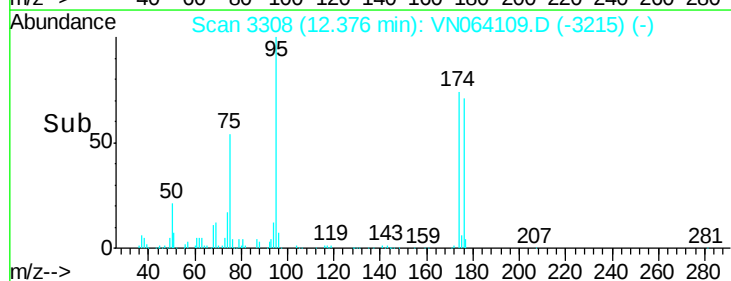
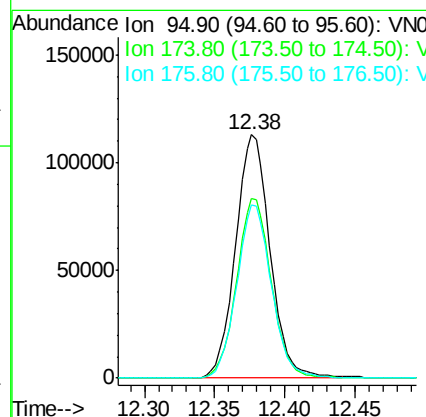
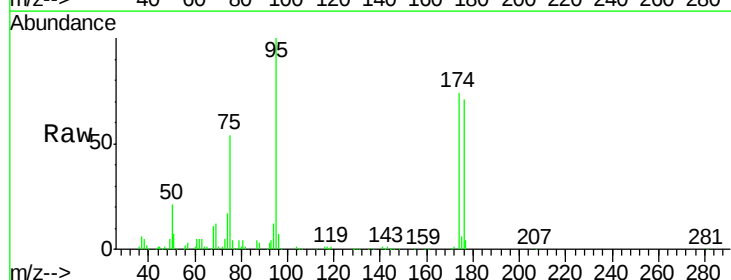
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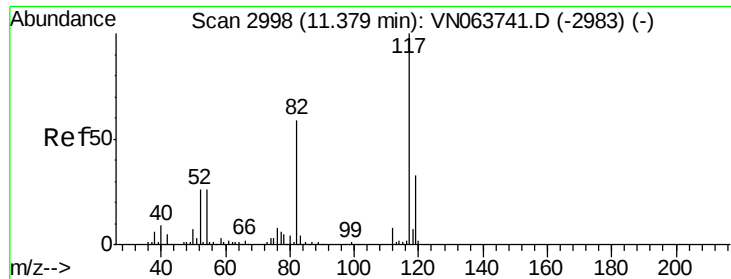
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#62
4-Bromofluorobenzene
Concen: 48.800 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064109.D
Acq: 13 Oct 2020 18:22

Tgt Ion: 95 Resp: 193895
Ion Ratio Lower Upper
95 100
174 74.0 0.0 150.6
176 71.5 0.0 145.4





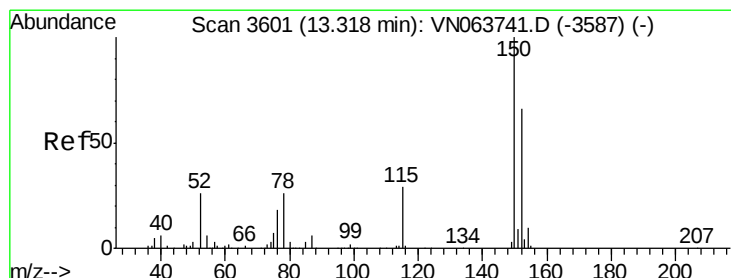
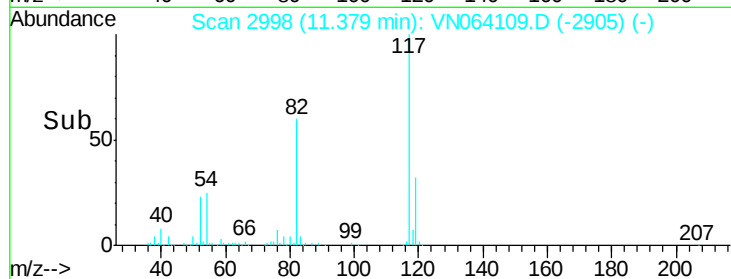
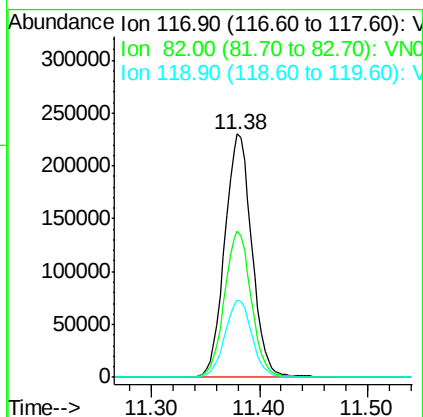
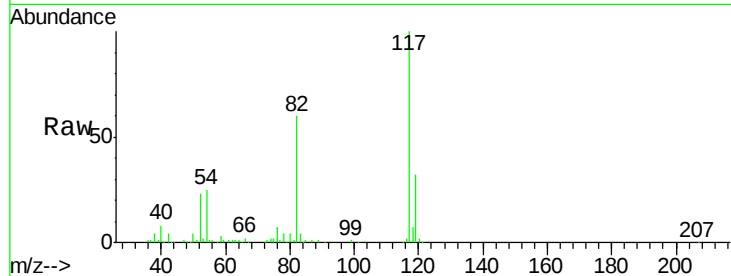
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064109.D
Acq: 13 Oct 2020 18:22

Instrument :
MSVOA_N
ClientSampleId :
COMP-FRAC-TANKS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	403829		
82	59.9		47.4	71.2
119	31.9		26.4	39.6

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064109.D
Acq: 13 Oct 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	161091		
115	60.7		31.3	93.8
150	156.8		0.0	341.8

