

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063643.D
 Acq On : 24 Sep 2020 21:04
 Operator : JC/MD
 Sample : L4119-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE126D3-20200921

Manual Integrations
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 9/28/2020 5:17:04 PM

Quant Time: Sep 25 05:16:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	194356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	365229	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	370175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	156970	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	171822	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
35) Dibromofluoromethane	7.55	113	124800	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
50) Toluene-d8	10.06	98	474235	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
62) 4-Bromofluorobenzene	12.38	95	181668	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.26%	
Target Compounds						
3) Chloromethane	2.04	50	1393	0.478	ug/l	94
16) Acetone	3.78	43	3773	3.548	ug/l	96
44) Trichloroethene	8.81	130	6364m	2.362	ug/l	
64) Tetrachloroethene	10.60	164	3544	1.406	ug/l	88

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

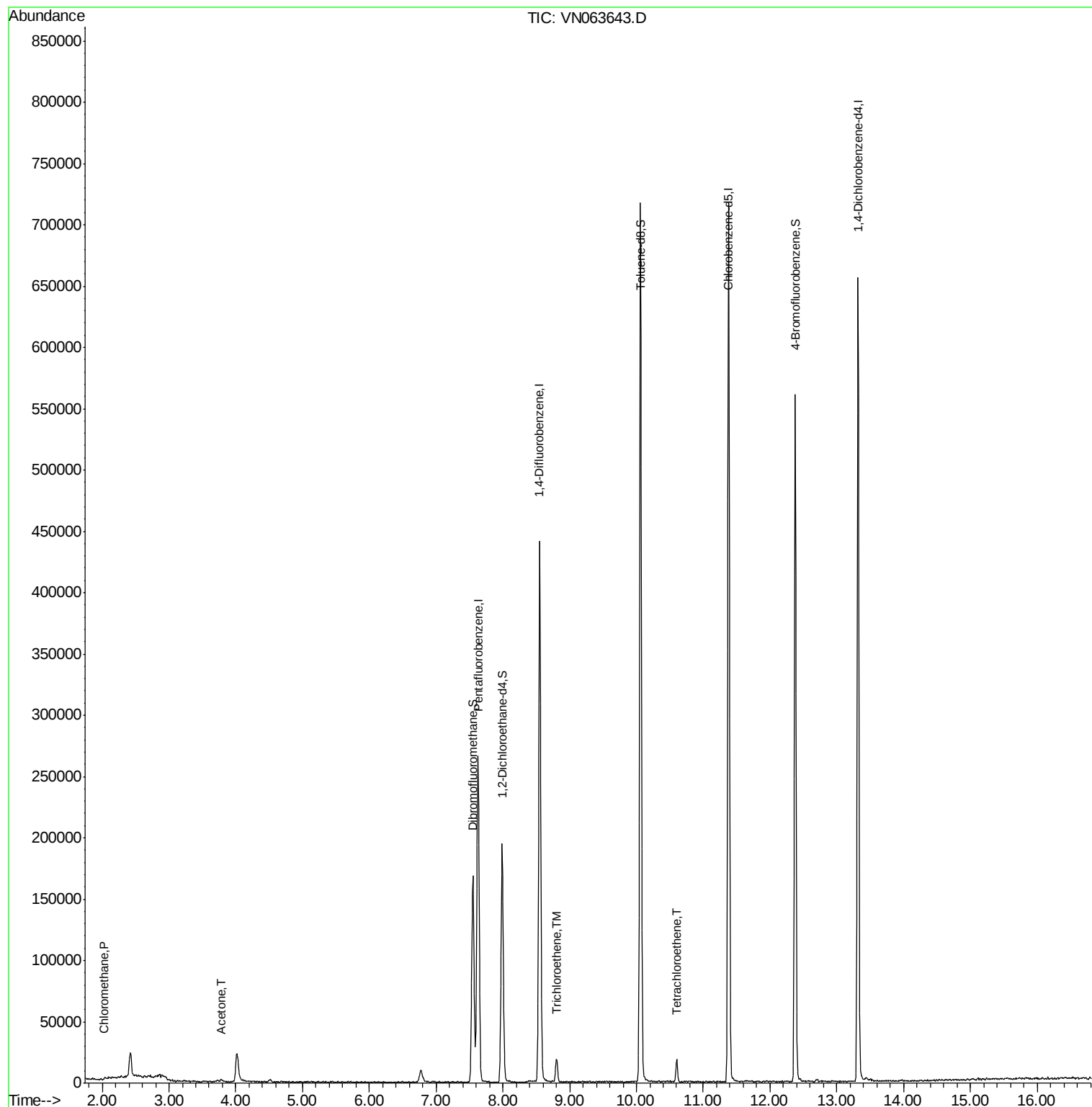
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Data File : VN063643.D
Acq On : 24 Sep 2020 21:04
Operator : JC/MD
Sample : L4119-09
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

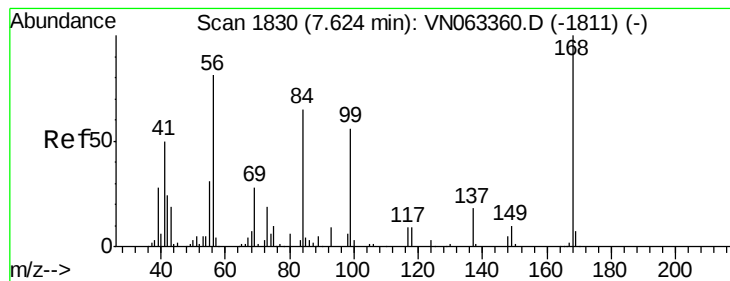
Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN063643.D

Acq: 24 Sep 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

RE126D3-20200921

Tot Ion:168 Resp: 194356

Ion Ratio Lower Upper

168 100

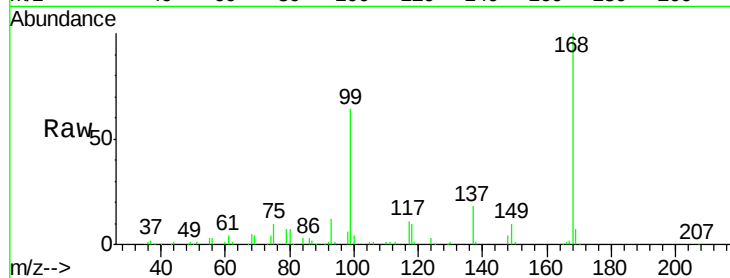
99 64.2 53.0 79.6

Manual Integrations

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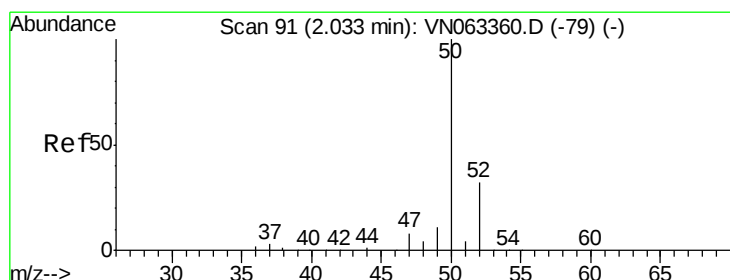
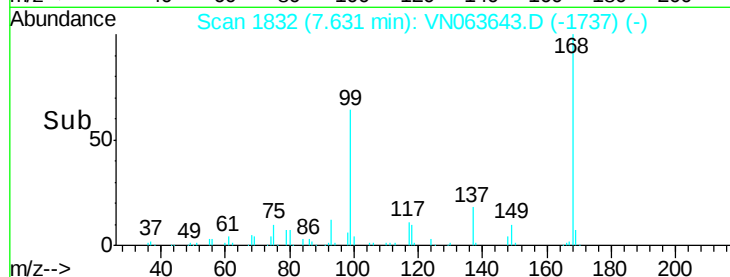
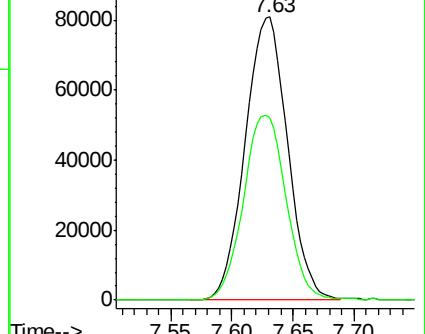
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.478 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063643.D

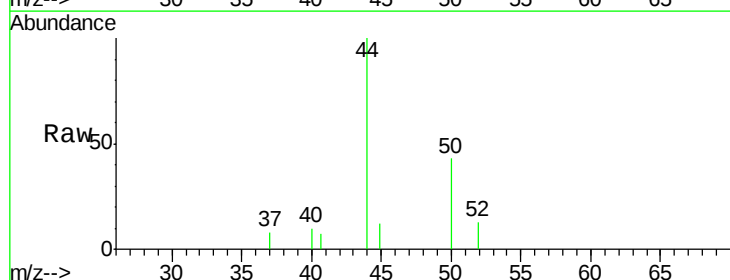
Acq: 24 Sep 2020 21:04

Tgt Ion: 50 Resp: 1393

Ion Ratio Lower Upper

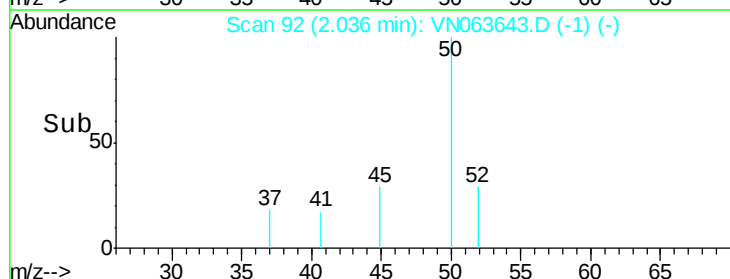
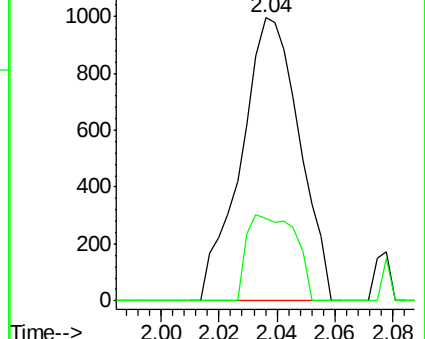
50 100

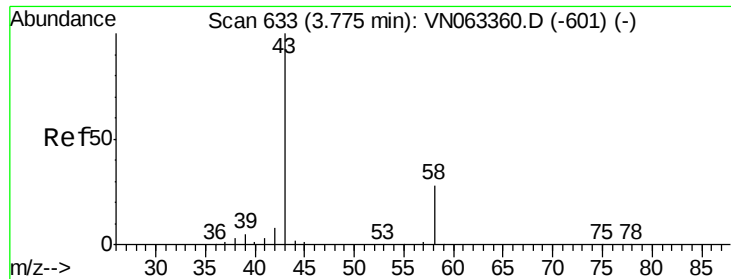
52 29.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





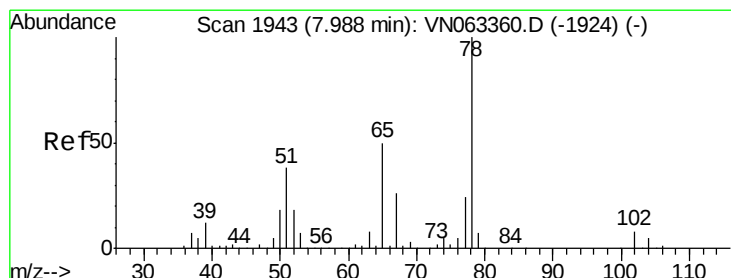
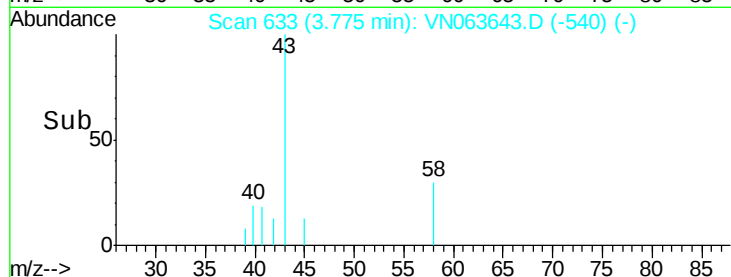
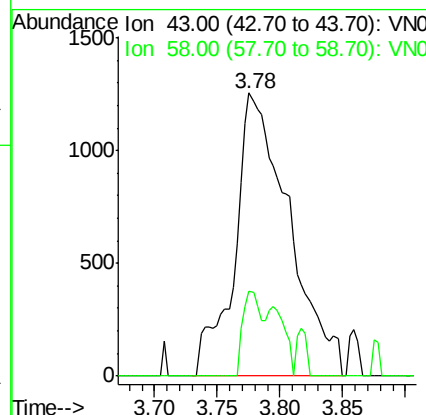
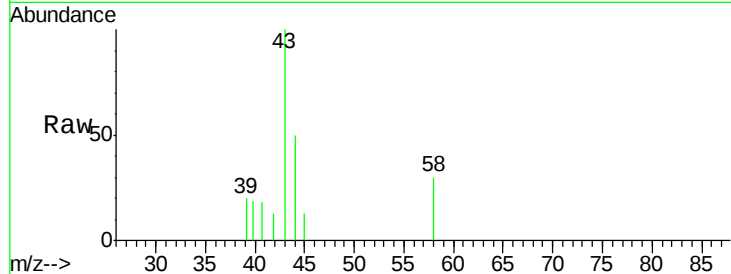
#16
 Acetone
 Concen: 3.548 ug/l
 RT: 3.78 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VN063643.D
 Acq: 24 Sep 2020 21:04

Instrument :
 MSVOA_N
 ClientSampleId :
 RE126D3-20200921

Tot Ion: 43 Resp: 3773
 Ion Ratio Lower Upper
 43 100
 58 30.1 22.3 33.5

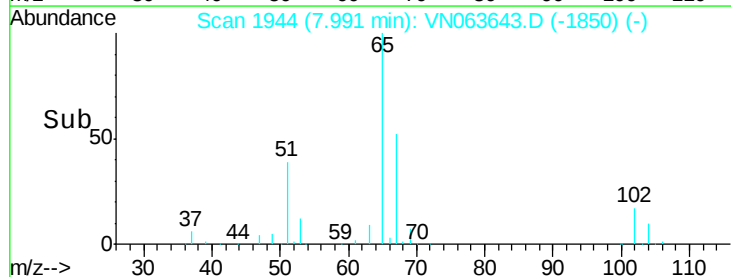
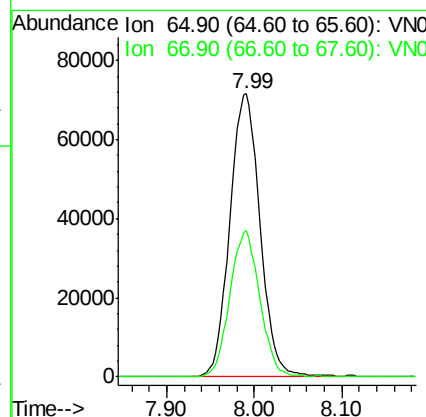
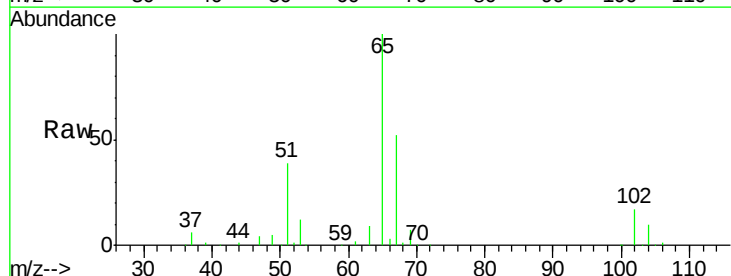
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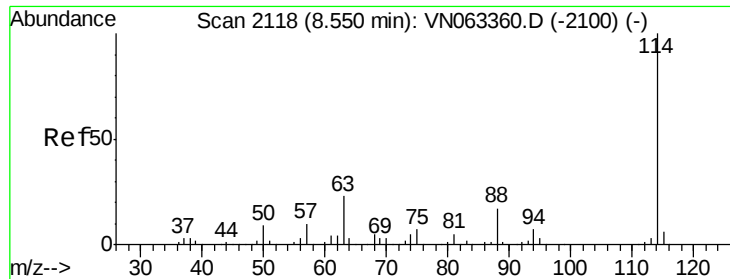
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#33
 1,2-Dichloroethane-d4
 Concen: 51.934 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063643.D
 Acq: 24 Sep 2020 21:04

Tgt Ion: 65 Resp: 171822
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.2





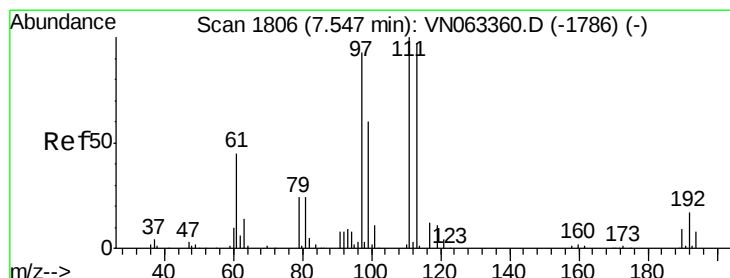
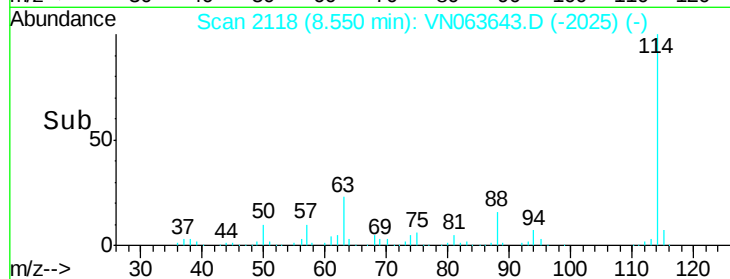
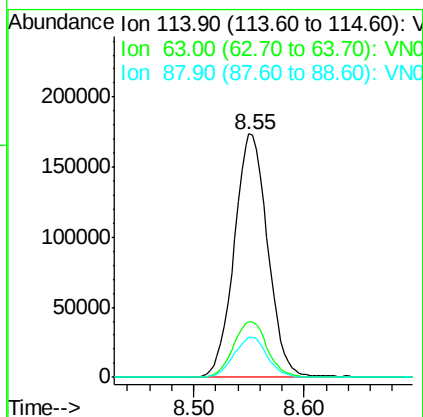
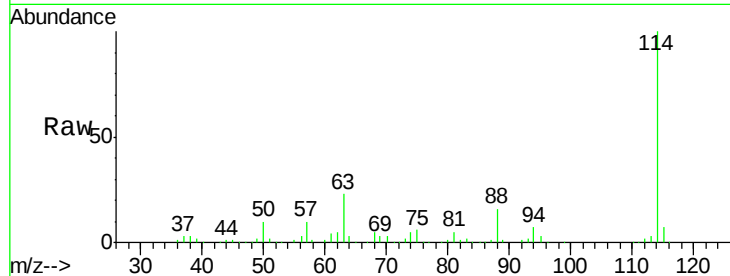
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063643.D
 Acq: 24 Sep 2020 21:04

Instrument :
 MSVOA_N
 ClientSampleId :
 RE126D3-20200921

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	23.0	0.0	46.4
88	16.2	0.0	33.2

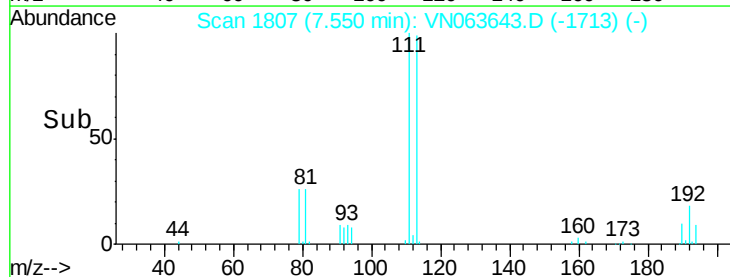
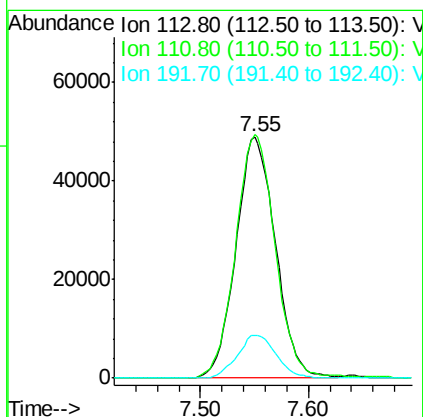
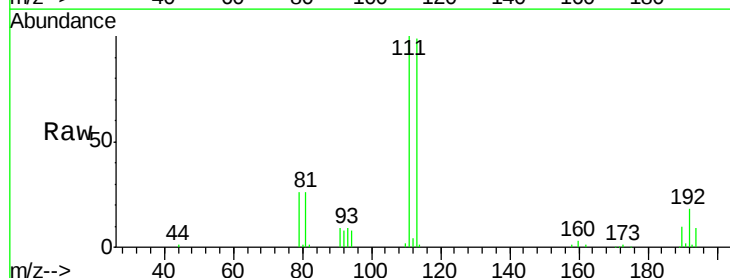
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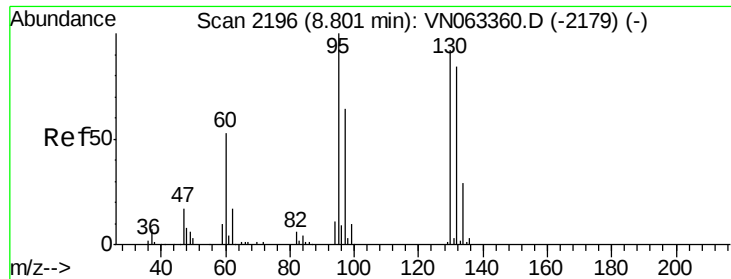
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#35
 Dibromofluoromethane
 Concen: 49.359 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063643.D
 Acq: 24 Sep 2020 21:04

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	101.3	82.9	124.3
192	17.5	13.9	20.9





#44

Trichloroethene

Concen: 2.362 ug/l m

RT: 8.81 min Scan# 2198

Delta R.T. 0.01 min

Lab File: VN063643.D

Acq: 24 Sep 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

RE126D3-20200921

Tot Ion:130 Resp: 6364

Ion Ratio Lower Upper

130 100

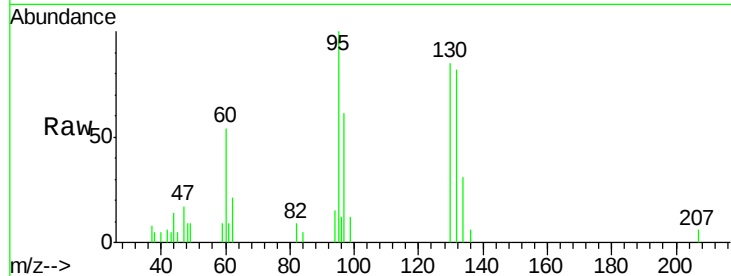
95 117.9 0.0 217.4

Manual Integrations

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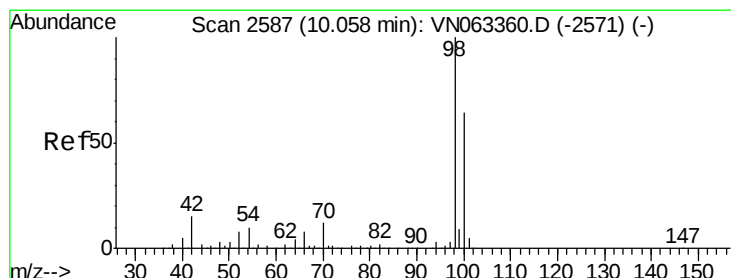
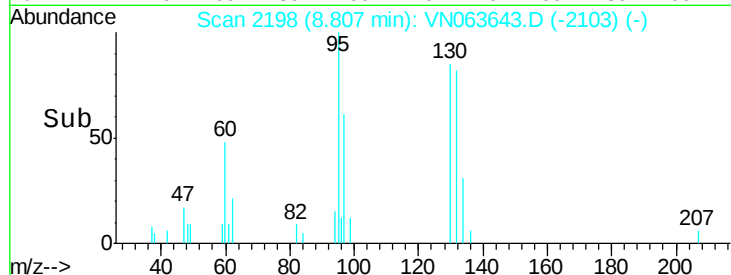
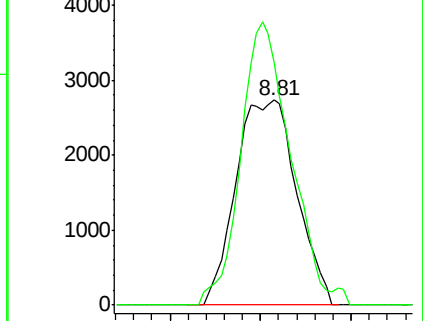
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 49.881 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063643.D

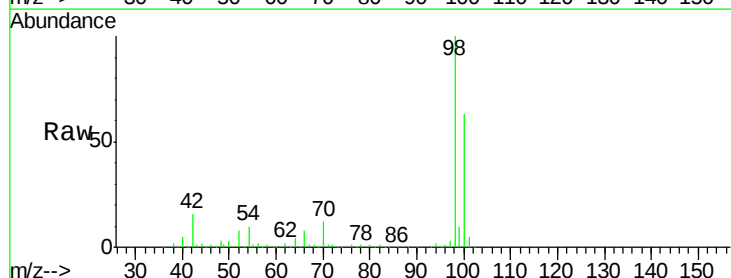
Acq: 24 Sep 2020 21:04

Tgt Ion: 98 Resp: 474235

Ion Ratio Lower Upper

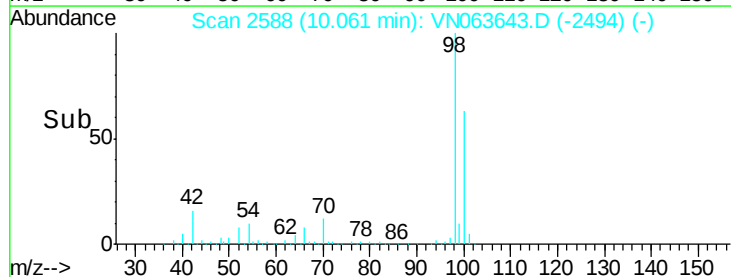
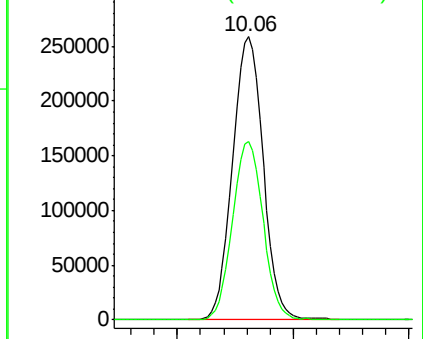
98 100

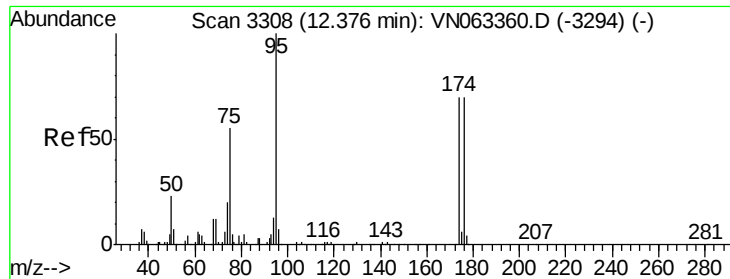
100 63.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





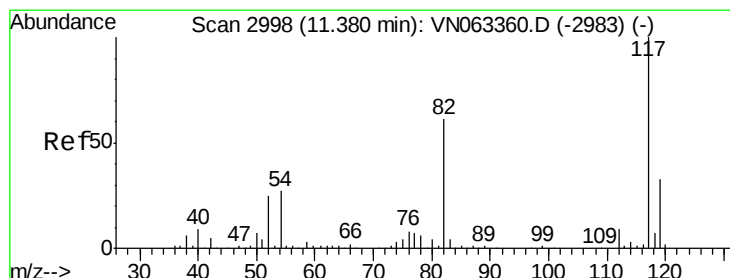
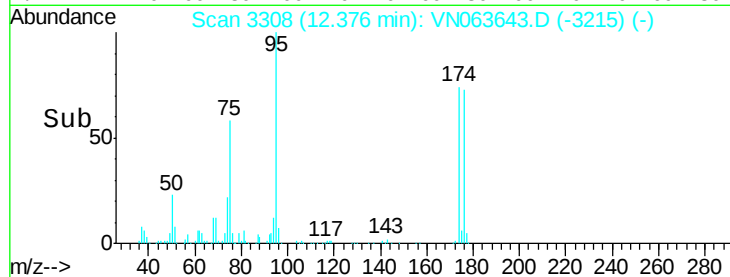
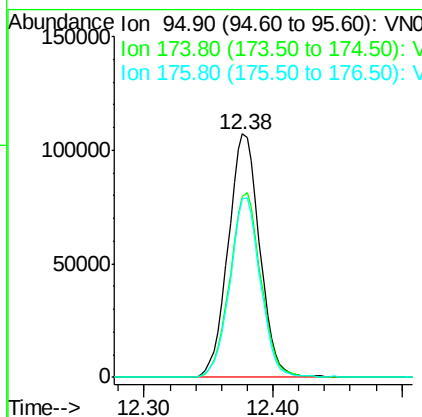
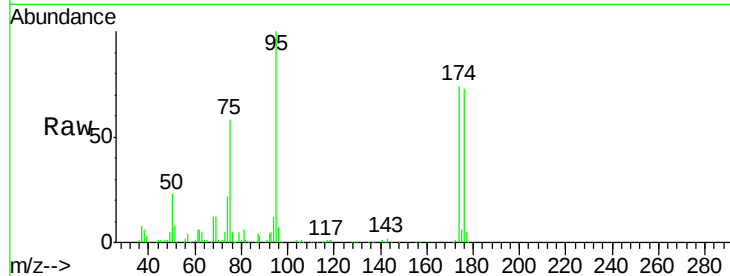
#62
4-Bromofluorobenzene
Concen: 52.126 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063643.D
Acq: 24 Sep 2020 21:04

Instrument :
MSVOA_N
ClientSampleId :
RE126D3-20200921

Tot Ion	Ratio	Resp	Lower	Upper
95	100	181668		
174	74.9	0.0	140.8	
176	71.1	0.0	137.6	

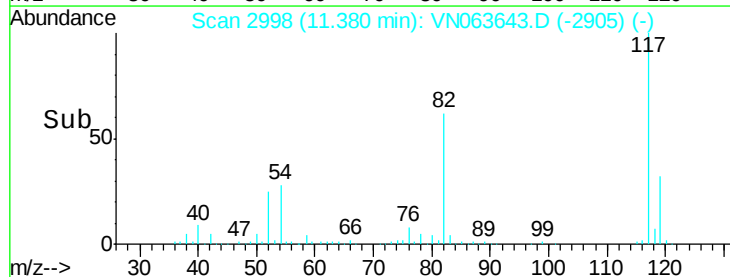
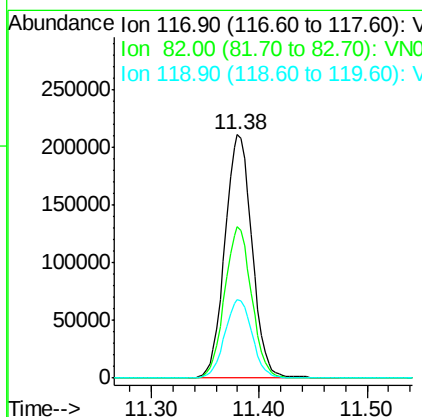
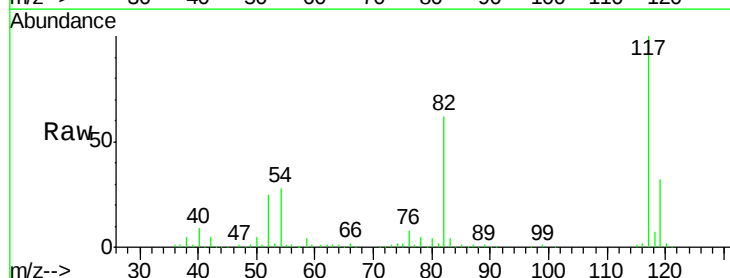
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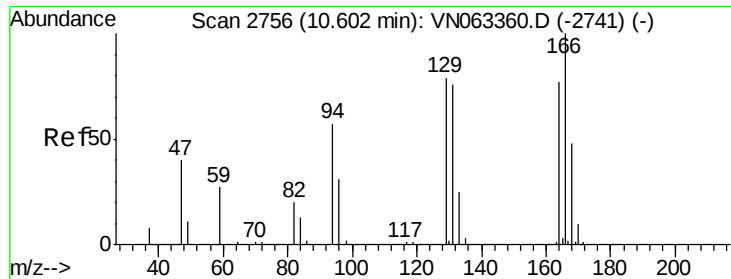
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063643.D
Acq: 24 Sep 2020 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	370175		
82	62.3	49.2	73.8	
119	32.3	26.2	39.4	





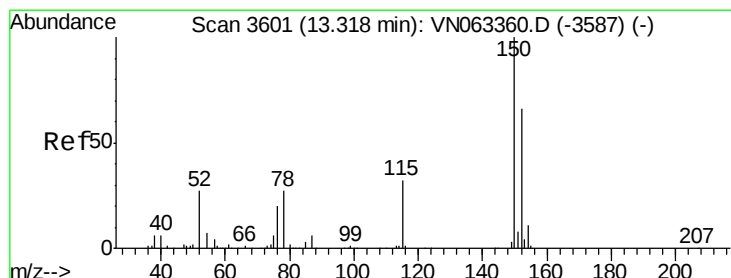
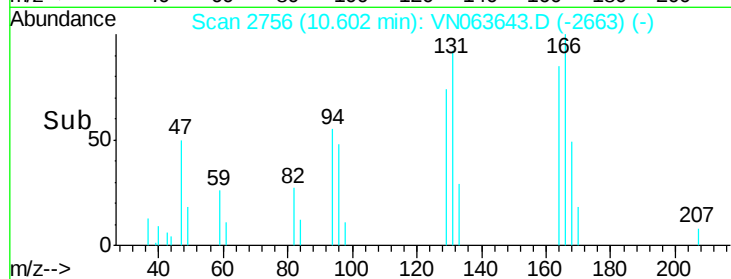
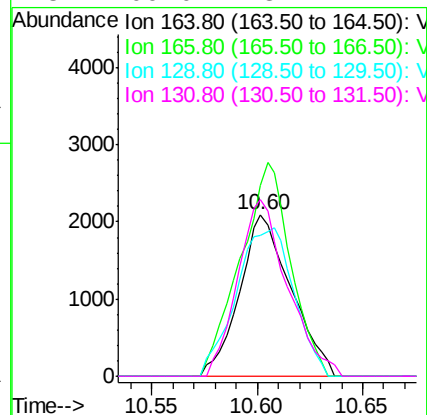
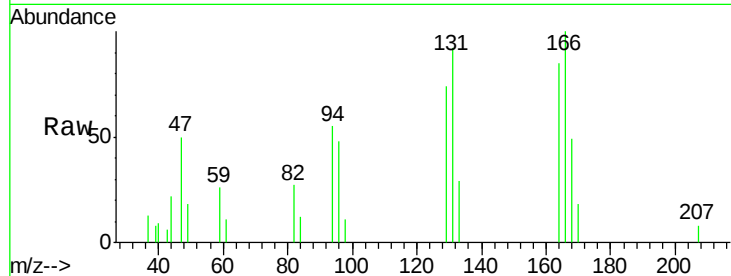
#64
Tetrachloroethene
Concen: 1.406 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063643.D
Acq: 24 Sep 2020 21:04

Instrument :
MSVOA_N
ClientSampleId :
RE126D3-20200921

Tot Ion	Ratio	Lower	Upper
164	100		
166	118.3	103.4	155.0
129	87.3	81.8	122.6
131	109.0	78.2	117.4

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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: VN063643.D
Acq: 24 Sep 2020 21:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.2	32.2	96.6
150	159.1	0.0	343.4

