

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081319\
 Data File : VN057258.D
 Acq On : 13 Aug 2019 20:13
 Operator : JC/SP
 Sample : K4277-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-22

Manual Integrations
 APPROVED

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 8/14/2019 12:29:03 PM

Quant Time: Aug 14 07:22:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 06:25:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1451816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2013557	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1649996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	397285	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	657037	44.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.72%	
35) Dibromofluoromethane	7.58	113	607794	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.54%	
50) Toluene-d8	10.09	98	2319986	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.40	95	606684	37.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.44%	
Target Compounds						
16) Acetone	3.82	43	9037m	1.800	ug/l	Qvalue
18) Methyl Acetate	4.32	43	18815	0.297	ug/l	96
30) Chloroform	7.36	83	22318	0.900	ug/l	99
44) Trichloroethene	8.83	130	6257	0.404	ug/l	78
64) Tetrachloroethene	10.63	164	5157	0.354	ug/l	90

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

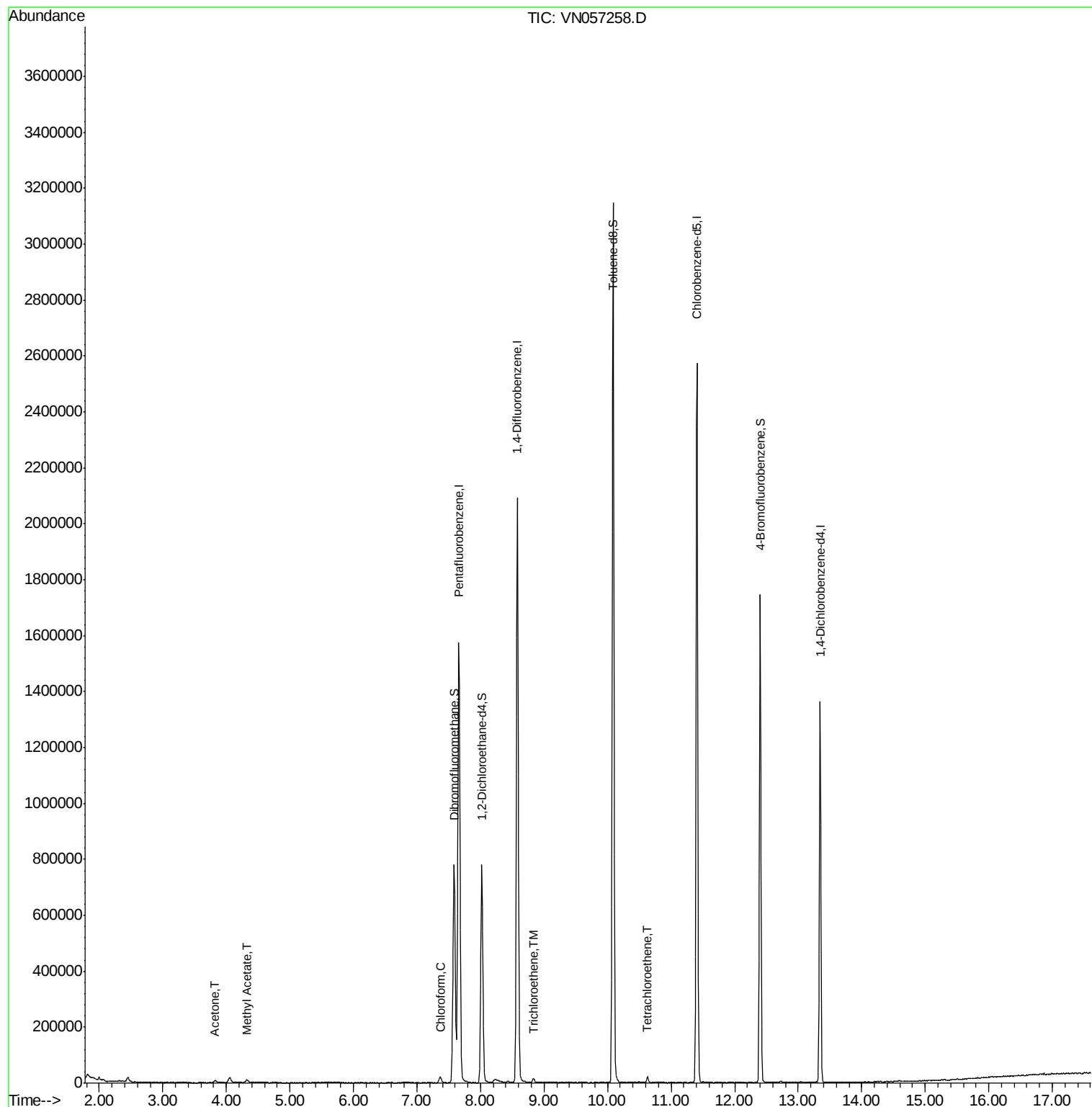
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081319\
Data File : VN057258.D
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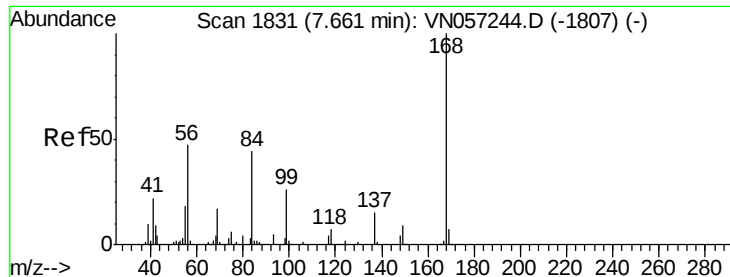
Instrument :
MSVOA_N
ClientSampleId :
TP-22

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Quant Time: Aug 14 07:22:24 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 14 06:25:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN057258.D

Acq: 13 Aug 2019 20:13

Instrument :

MSVOA_N

ClientSampleId :

TP-22

Tot Ion:168 Resp: 1451816

Ion Ratio Lower Upper

168 100

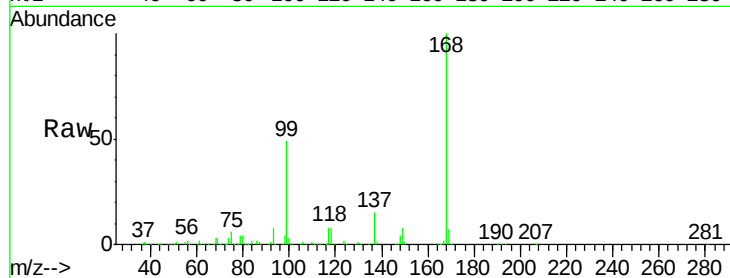
99 48.9 38.6 58.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

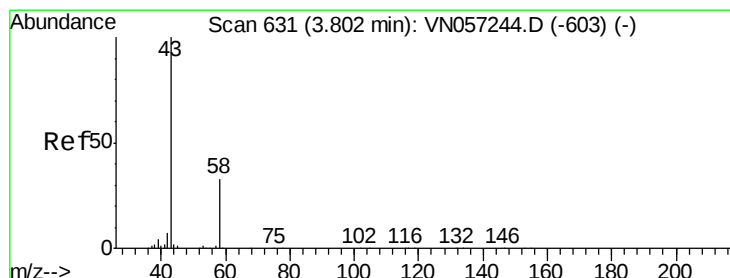
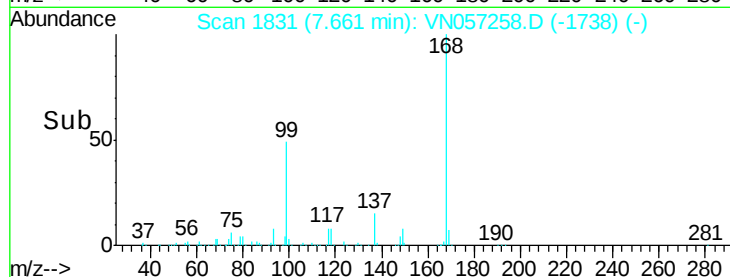
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 1.800 ug/l m

RT: 3.82 min Scan# 638

Delta R.T. 0.02 min

Lab File: VN057258.D

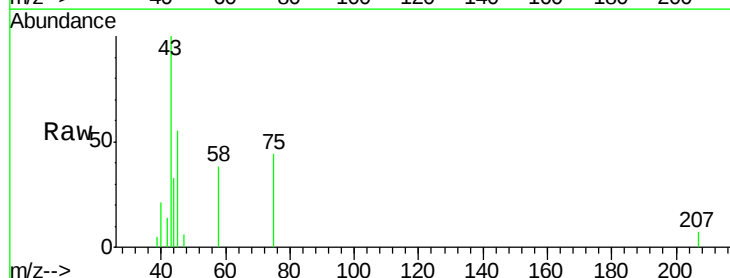
Acq: 13 Aug 2019 20:13

Tgt Ion: 43 Resp: 9037

Ion Ratio Lower Upper

43 100

58 38.1 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

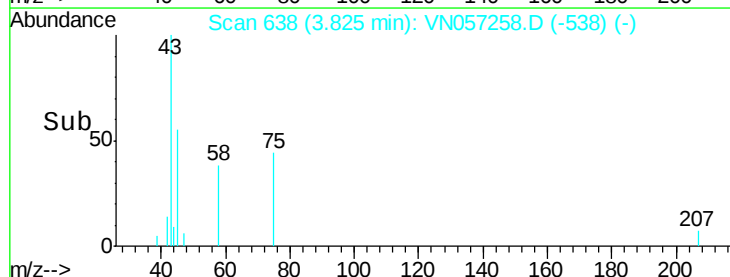
3000

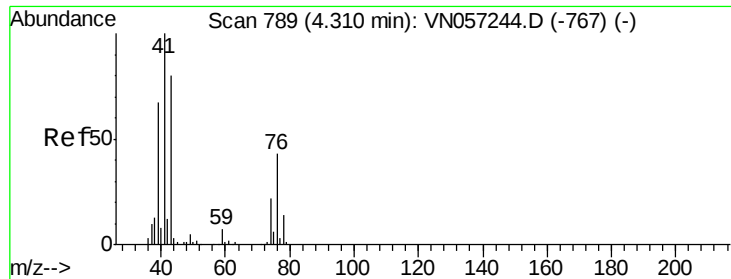
2000

1000

0

Time--> 3.75 3.80 3.85 3.90





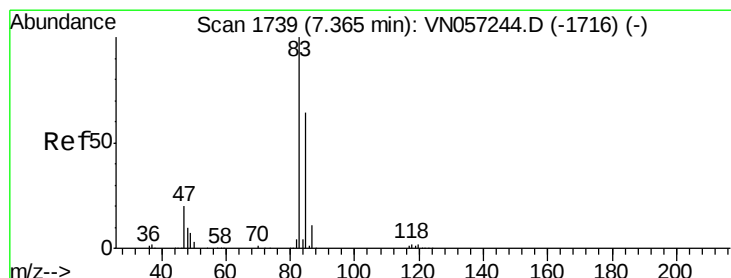
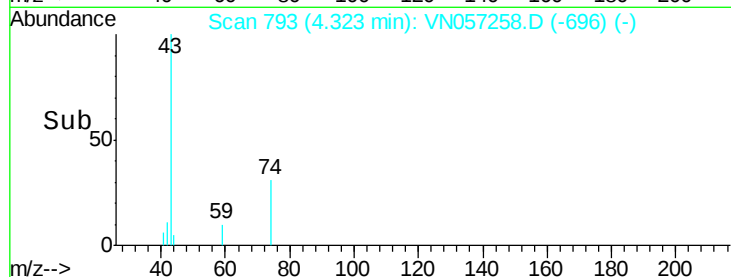
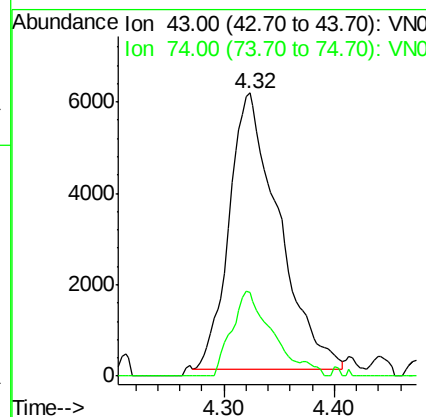
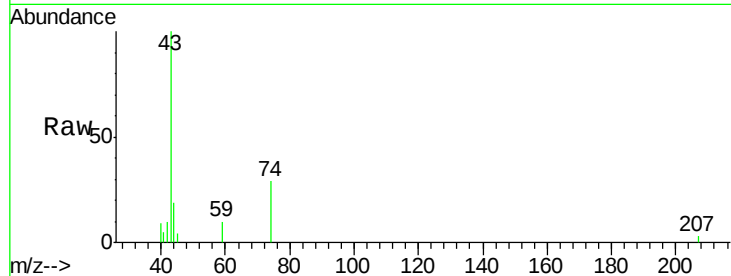
#18
Methvl Acetate
Concen: 0.297 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN057258.D
Acq: 13 Aug 2019 20:13

Instrument :
MSVOA_N
ClientSampled :
TP-22

Tot Ion: 43 Resp: 18815
Ion Ratio Lower Upper
43 100
74 24.0 20.6 31.0

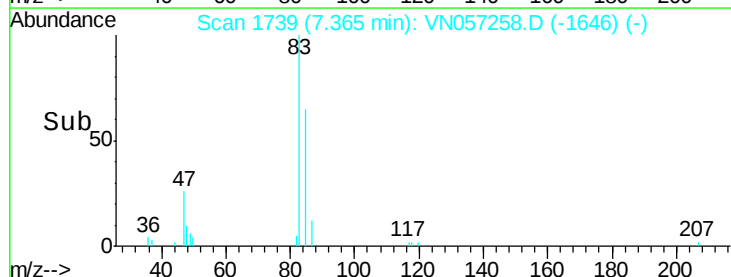
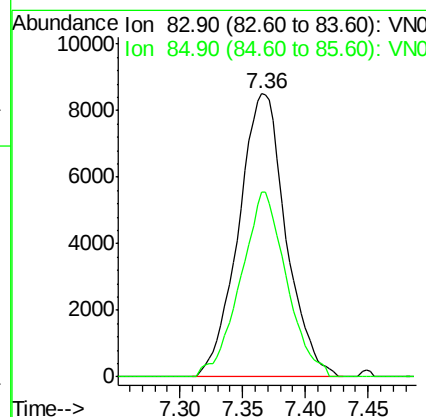
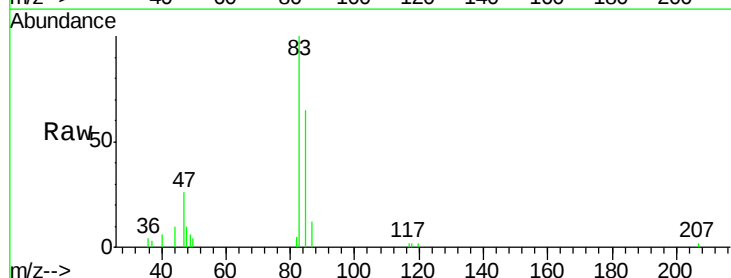
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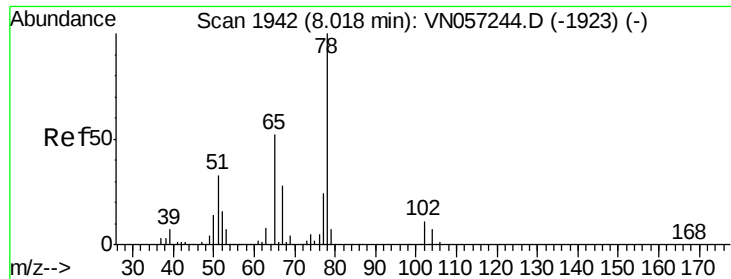
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#30
Chloroform
Concen: 0.900 ug/l
RT: 7.36 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN057258.D
Acq: 13 Aug 2019 20:13

Tgt Ion: 83 Resp: 22318
Ion Ratio Lower Upper
83 100
85 65.2 51.3 76.9





#33

1,2-Dichloroethane-d4

Concen: 44.863 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN057258.D

Acq: 13 Aug 2019 20:13

Instrument :

MSVOA_N

ClientSampleId :

TP-22

Tot Ion: 65 Resp: 657037

Ion Ratio Lower Upper

65 100

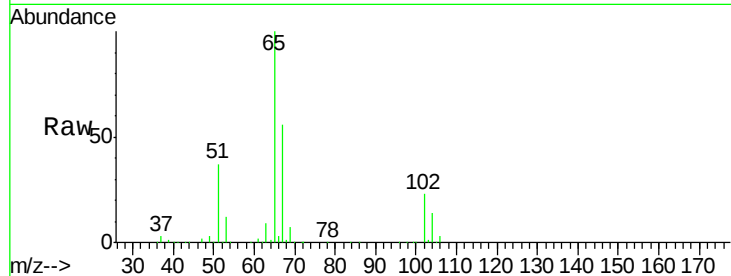
67 54.9 0.0 107.0

Manual Integrations

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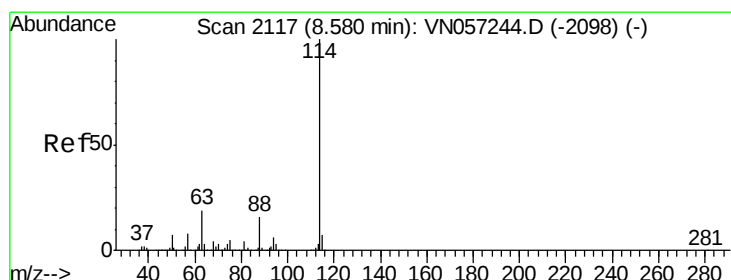
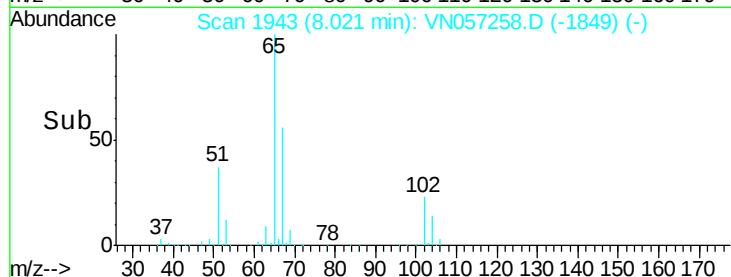
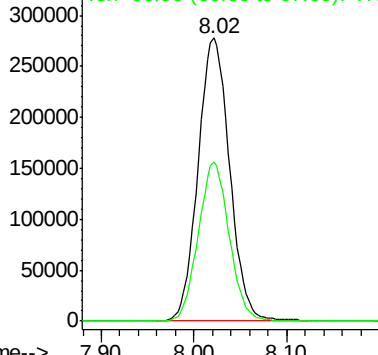
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Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VN057258.D

Acq: 13 Aug 2019 20:13

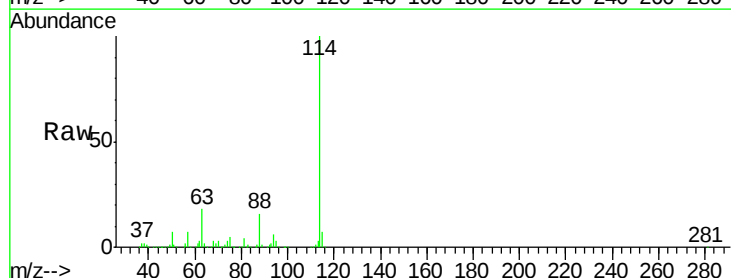
Tgt Ion: 114 Resp: 2013557

Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.0

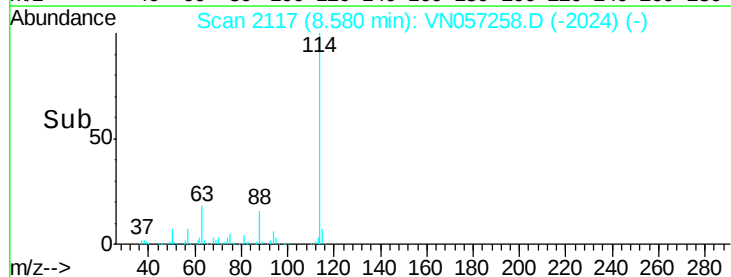
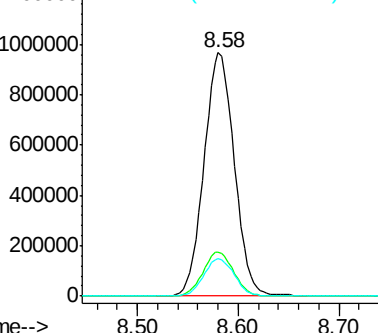
88 15.6 0.0 31.0

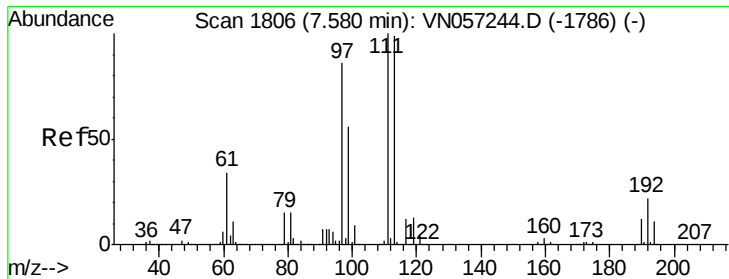


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0





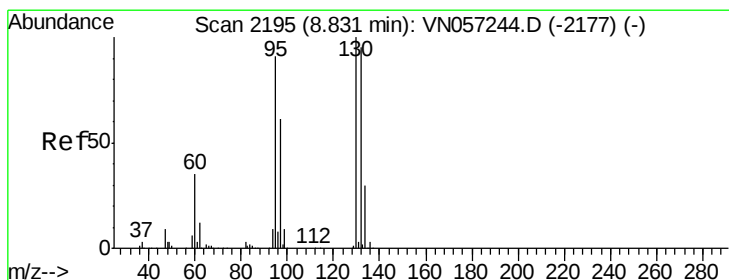
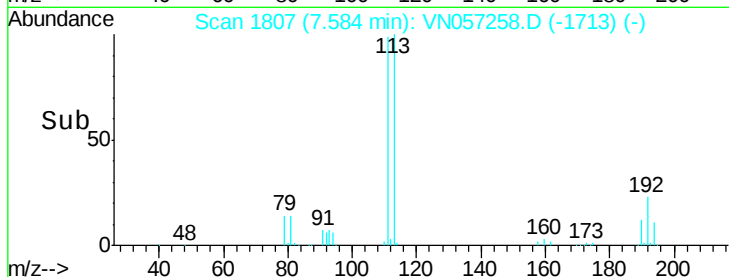
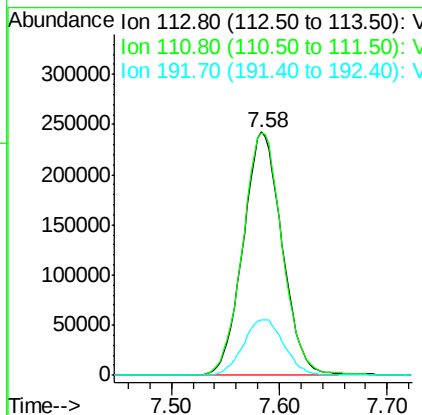
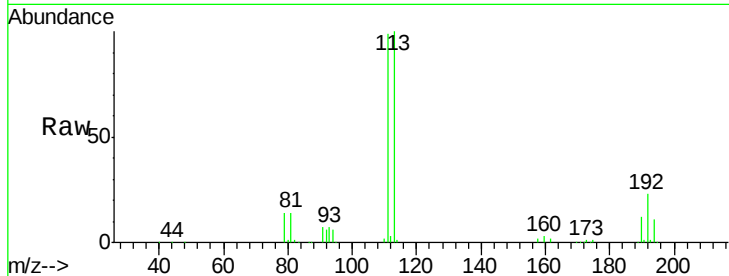
#35
Dibromofluoromethane
Concen: 47.274 ug/l
RT: 7.58 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN057258.D
Acq: 13 Aug 2019 20:13

Instrument :
MSVOA_N
ClientSampled :
TP-22

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.2
192	24.1	18.8	28.2

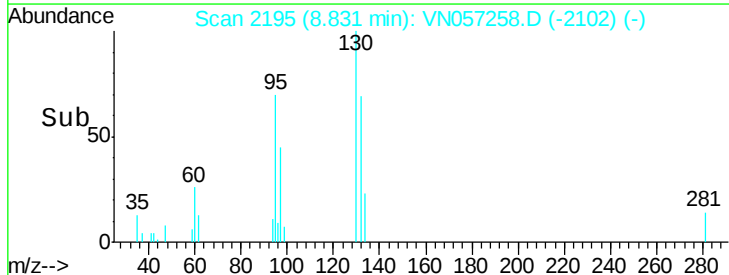
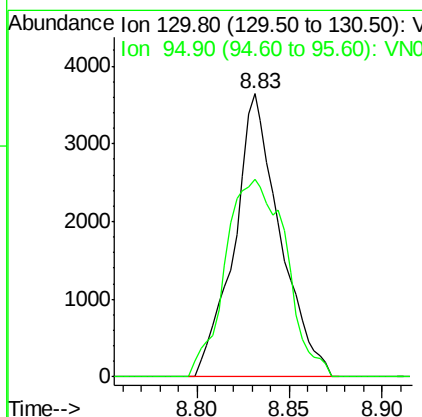
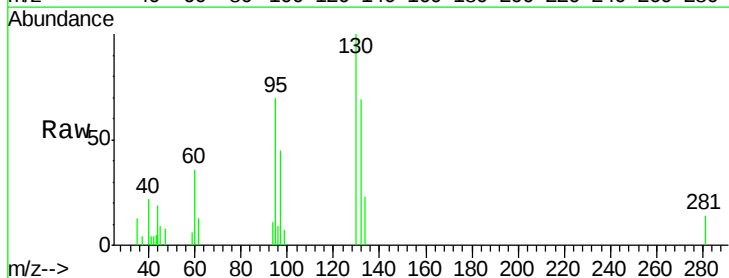
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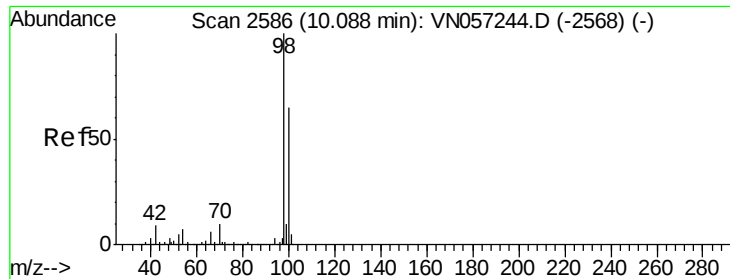
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#44
Trichloroethene
Concen: 0.404 ug/l
RT: 8.83 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VN057258.D
Acq: 13 Aug 2019 20:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	69.6	0.0	181.8





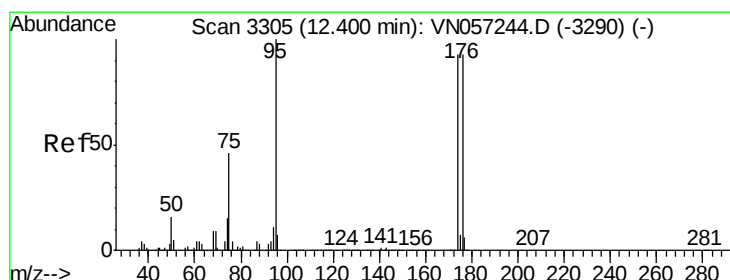
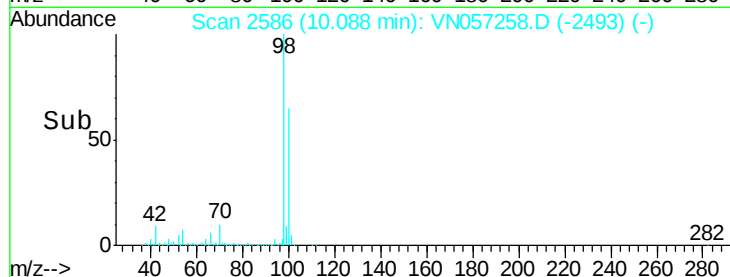
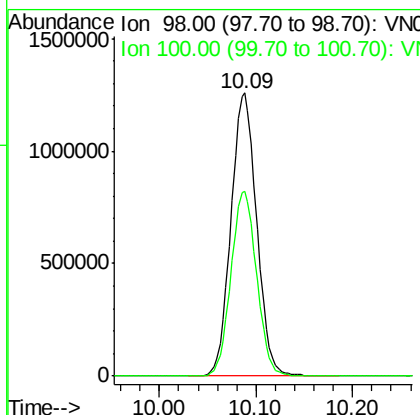
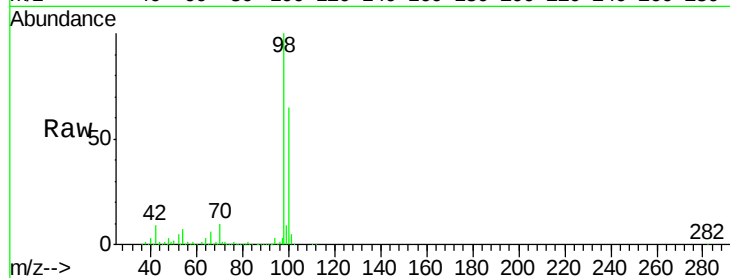
#50
Toluene-d8
Concen: 49.473 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057258.D
Acq: 13 Aug 2019 20:13

Instrument :
MSVOA_N
ClientSampled :
TP-22

Tot Ion: 98 Resp: 2319986
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6

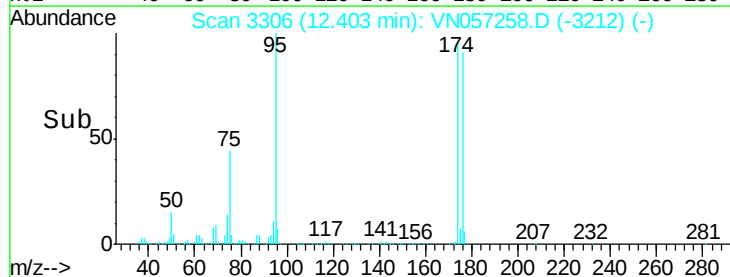
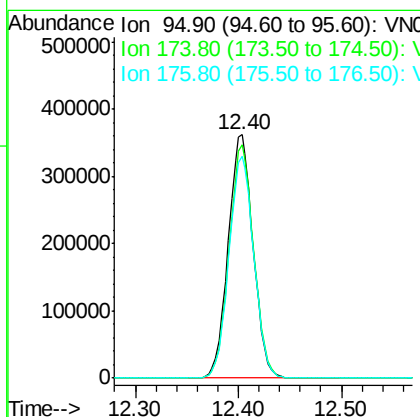
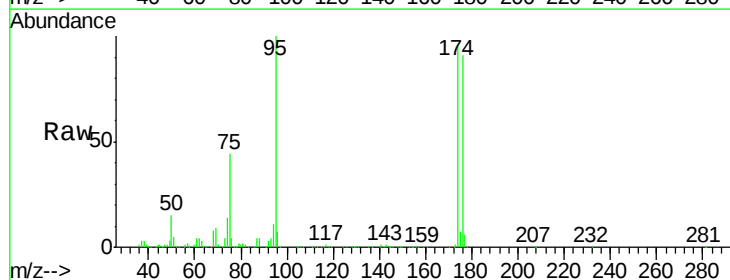
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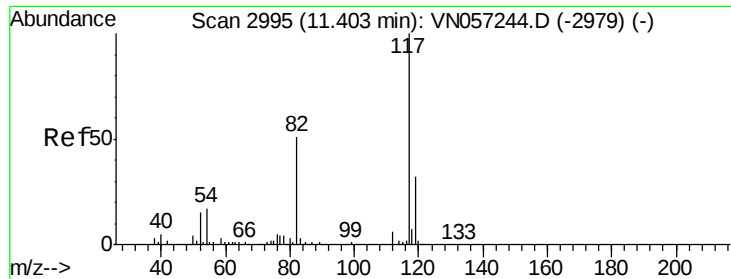
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#62
4-Bromofluorobenzene
Concen: 37.724 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057258.D
Acq: 13 Aug 2019 20:13

Tgt Ion: 95 Resp: 606684
Ion Ratio Lower Upper
95 100
174 95.1 0.0 187.6
176 91.4 0.0 185.8





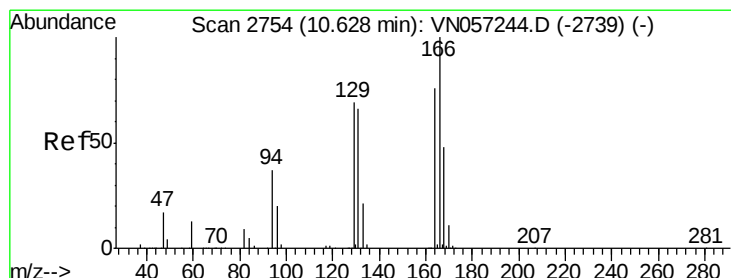
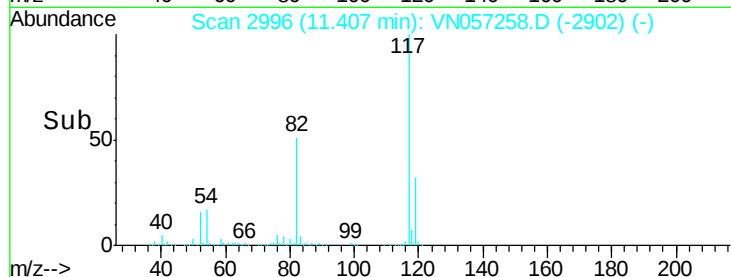
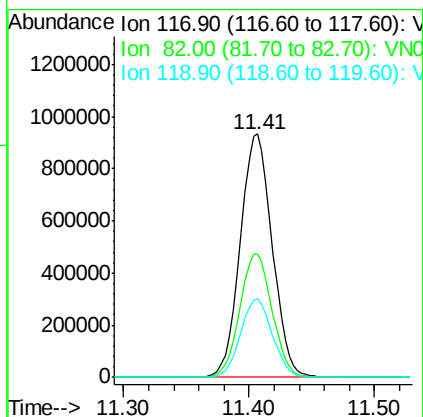
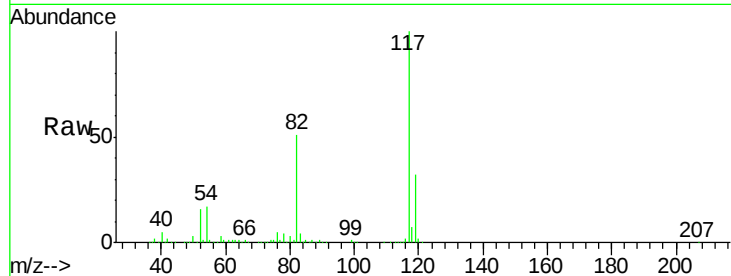
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057258.D
Acq: 13 Aug 2019 20:13

Instrument :
MSVOA_N
ClientSampleId :
TP-22

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	40.9	61.3
119	32.1	25.4	38.2

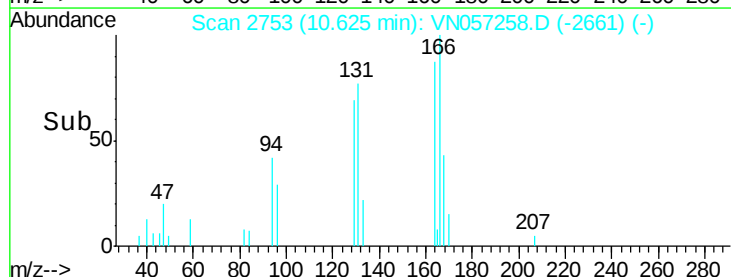
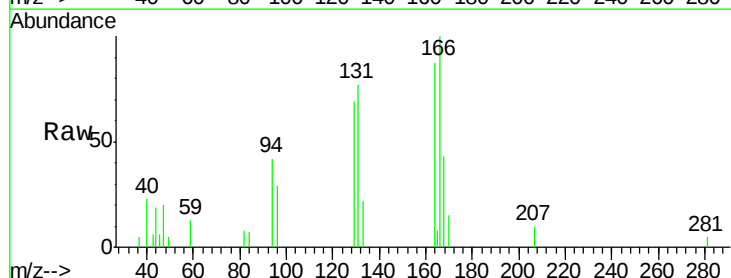
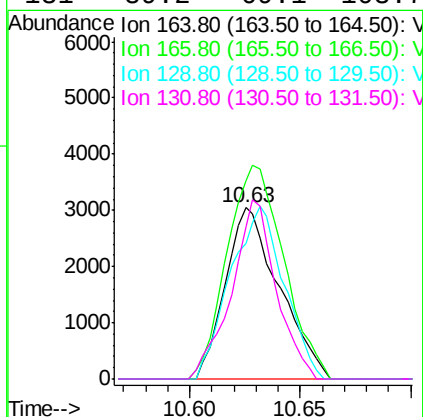
Manual Integrations
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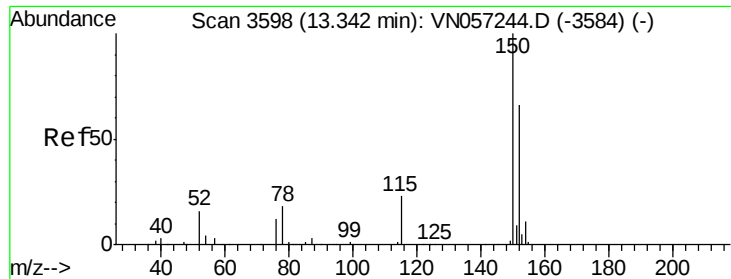
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#64
Tetrachloroethene
Concen: 0.354 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VN057258.D
Acq: 13 Aug 2019 20:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	115.5	104.9	157.3
129	79.6	71.9	107.9
131	89.2	69.1	103.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057258.D

Acq: 13 Aug 2019 20:13

Instrument :

MSVOA_N

ClientSampleId :

TP-22

Tot Ion:	152	Resp:	397285
Ion Ratio	Lower	Upper	
152	100		
115	56.1	27.6	82.8
150	159.4	0.0	348.4

Manual Integrations
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