

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092319\
 Data File : VN058294.D
 Acq On : 23 Sep 2019 15:51
 Operator : JC/SP
 Sample : K4975-13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D1-20190918

Manual Integrations
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MMDadoda
 10/1/2019 9:27:37 AM

Quant Time: Oct 01 08:14:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	490079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	796496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	675910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	260198	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	368233	53.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.90%	
35) Dibromofluoromethane	7.58	113	247710	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
50) Toluene-d8	10.09	98	1009969	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.08%	
62) 4-Bromofluorobenzene	12.41	95	309396	44.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.30%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.74	101	12617	3.185	ug/l	97
12) 1,1-Dichloroethene	3.72	96	8071	2.345	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	5977	1.203	ug/l	91
30) Chloroform	7.36	83	5707m	0.603	ug/l	
38) Carbon Tetrachloride	7.76	117	5735	0.993	ug/l #	89
44) Trichloroethene	8.83	130	566985	132.066	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	3767	0.772	ug/l #	88

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

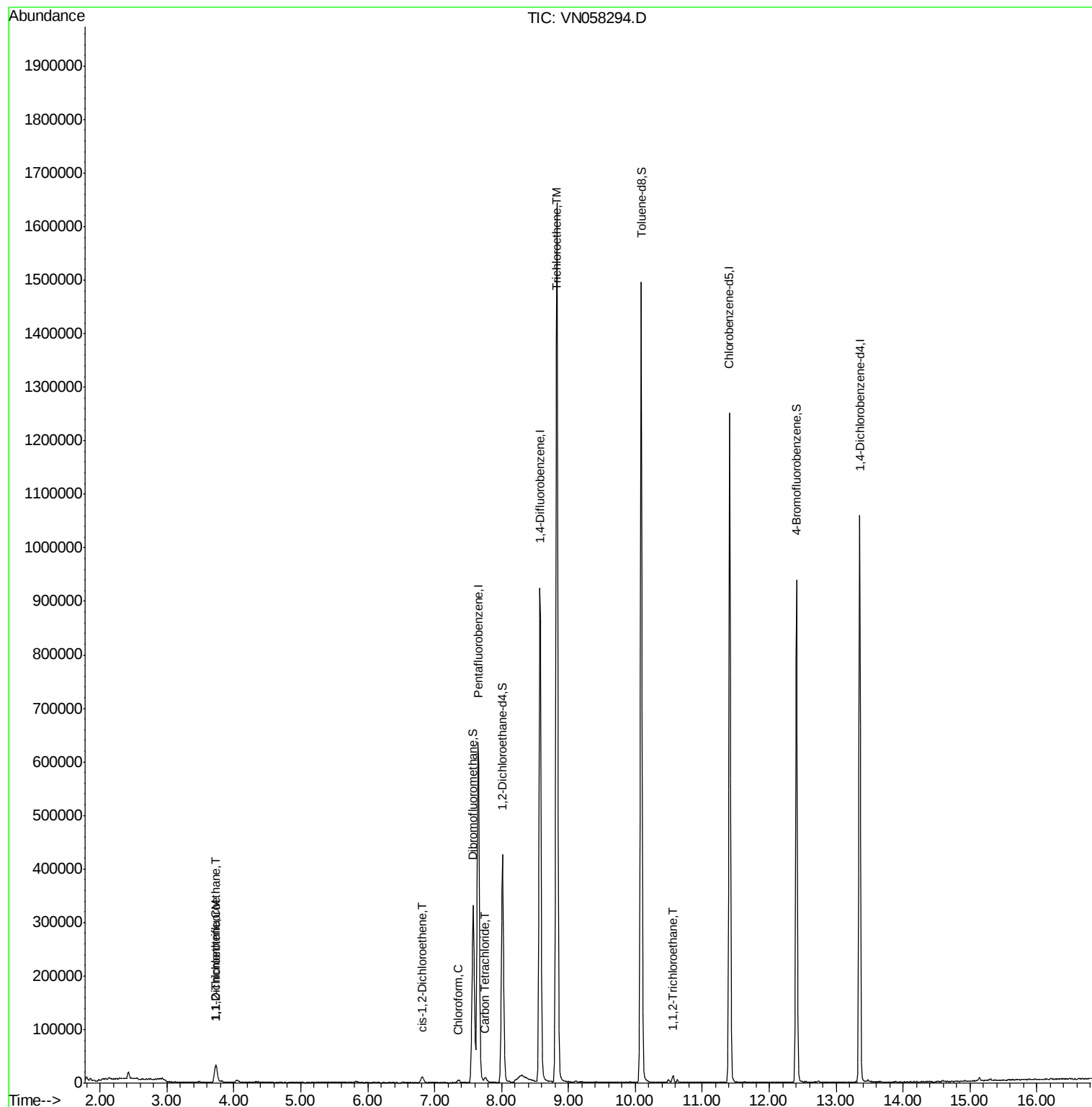
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092319\
Data File : VN058294.D
Acq On : 23 Sep 2019 15:51
Operator : JC/SP
Sample : K4975-13
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ALS Vial : 21 Sample Multiplier: 1

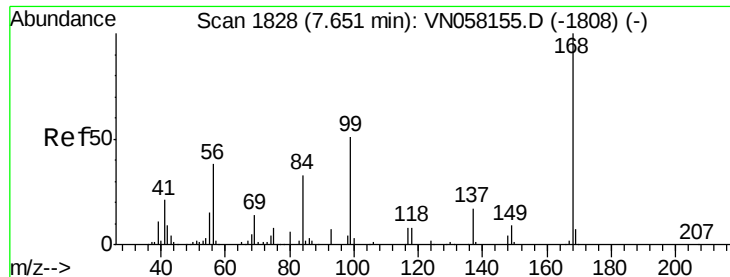
Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20190918

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10/1/2019 9:27:37 AM

Quant Time: Oct 01 08:14:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058294.D

Acq: 23 Sep 2019 15:51

Instrument :

MSVOA_N

ClientSampleId :

RE139D1-20190918

Tgt Ion:168 Resp: 490079

Ion Ratio Lower Upper

168 100

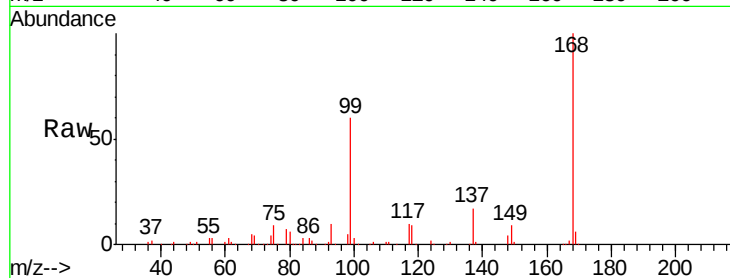
99 59.8 47.4 71.2

Manual Integrations

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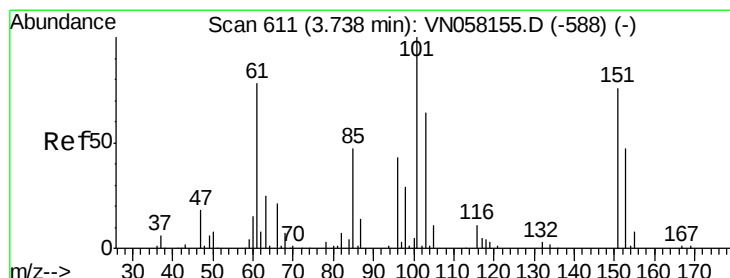
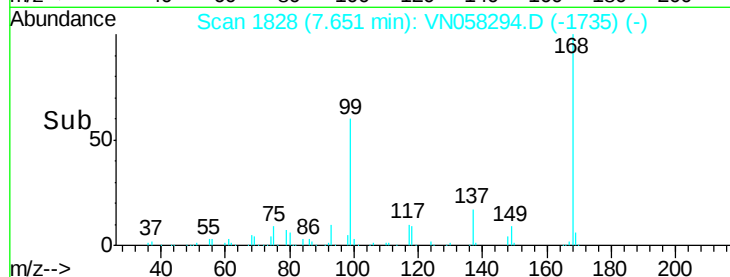
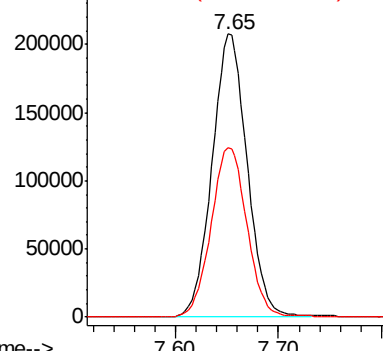
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.185 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN058294.D

Acq: 23 Sep 2019 15:51

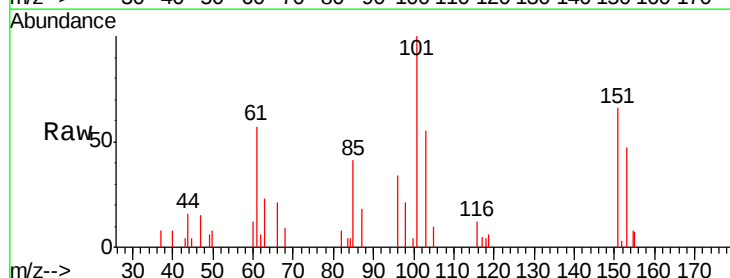
Tgt Ion:101 Resp: 12617

Ion Ratio Lower Upper

101 100

85 48.6 37.3 55.9

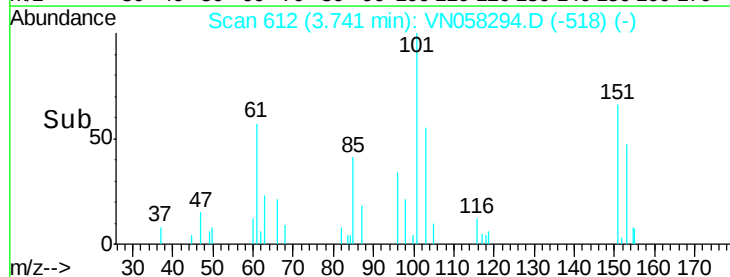
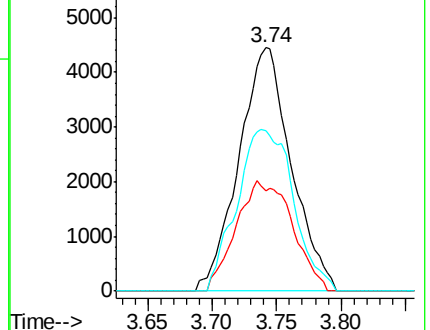
151 71.5 59.6 89.4

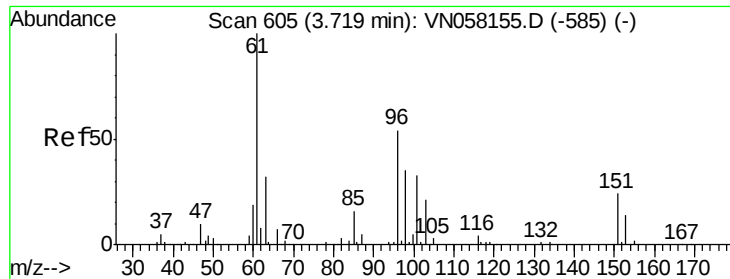


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V





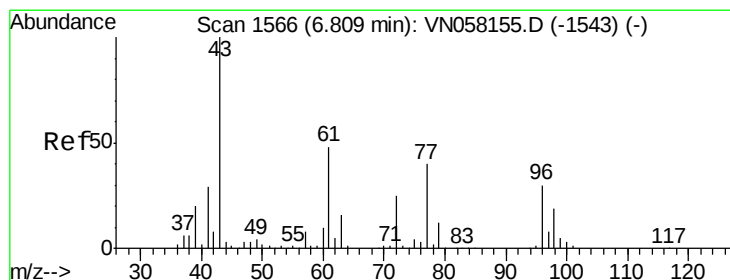
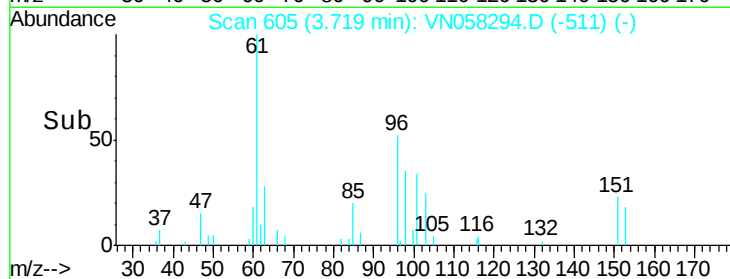
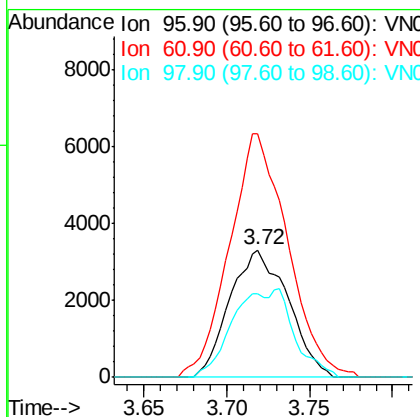
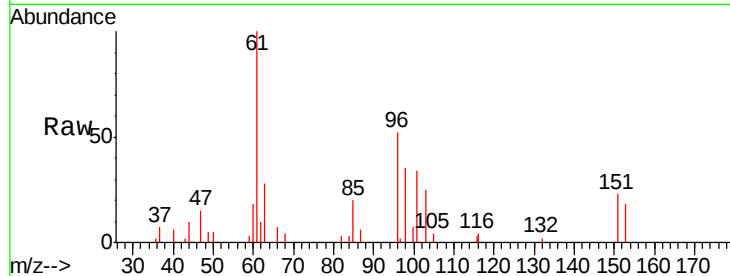
#12
 1,1-Dichloroethene
 Concen: 2.345 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VN058294.D
 Acq: 23 Sep 2019 15:51

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D1-20190918

Tgt Ion	Ratio	Lower	Upper
96	100		
61	184.8	149.5	224.3
98	66.2	52.4	78.6

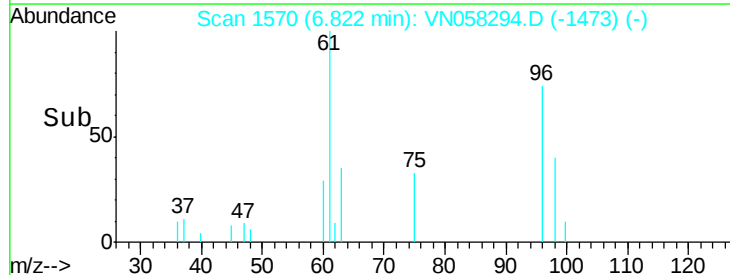
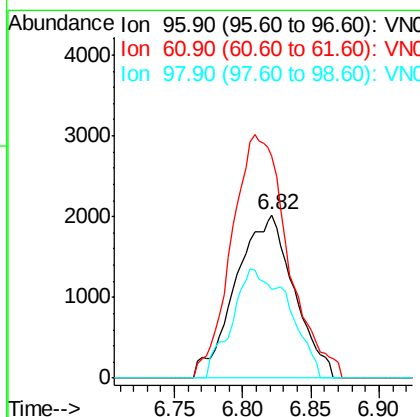
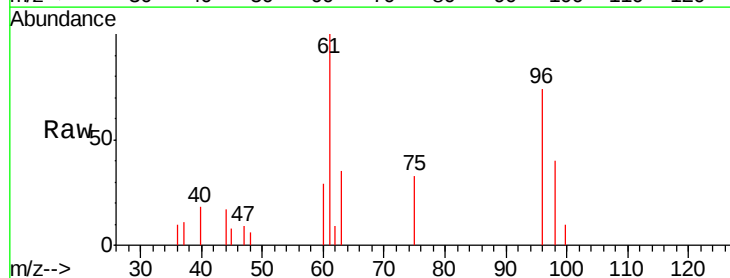
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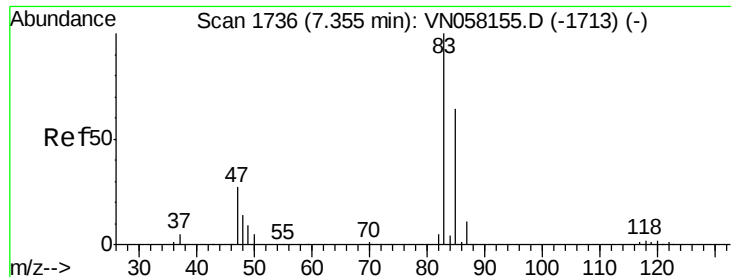
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#27
 cis-1,2-Dichloroethene
 Concen: 1.203 ug/l
 RT: 6.82 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: VN058294.D
 Acq: 23 Sep 2019 15:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.7	0.0	319.0
98	65.6	0.0	126.6





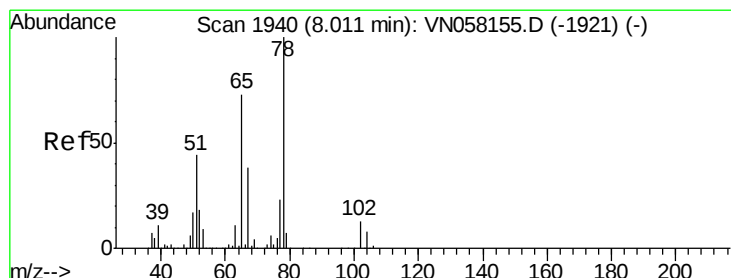
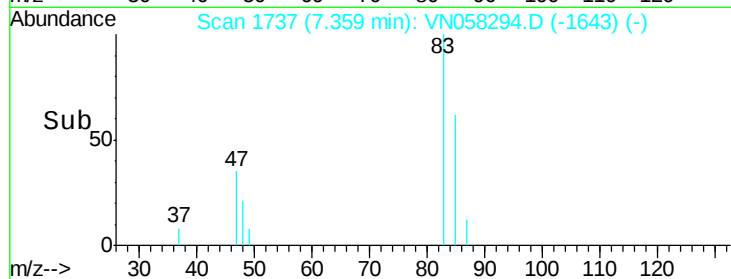
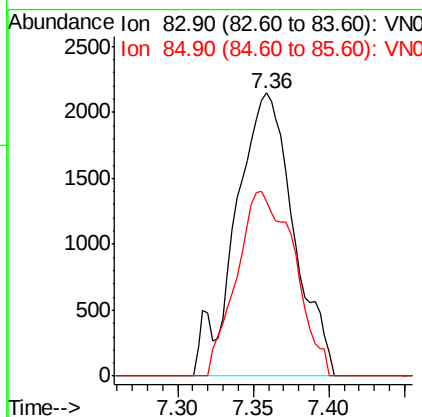
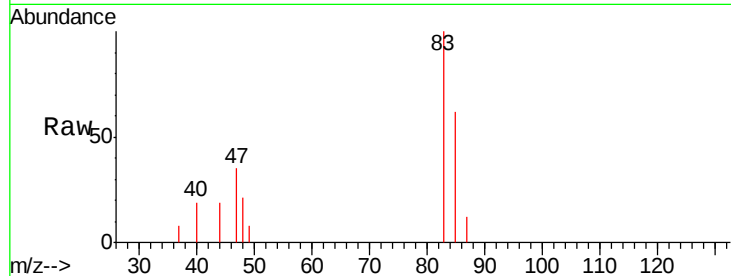
#30
Chloroform
Concen: 0.603 ug/l m
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN058294.D
Acq: 23 Sep 2019 15:51

Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20190918

Tgt Ion: 83 Resp: 5707
Ion Ratio Lower Upper
83 100
85 61.6 51.4 77.2

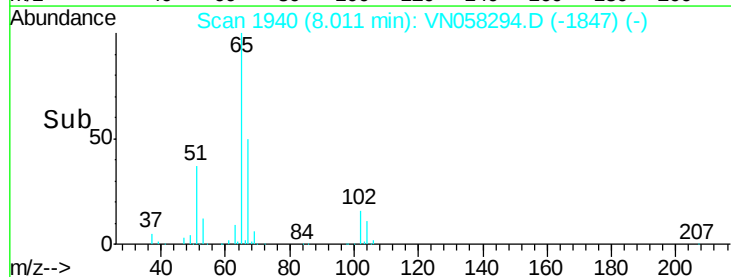
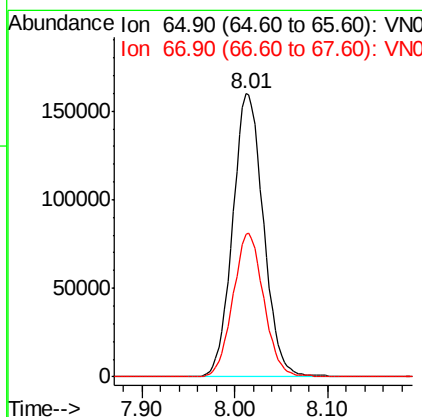
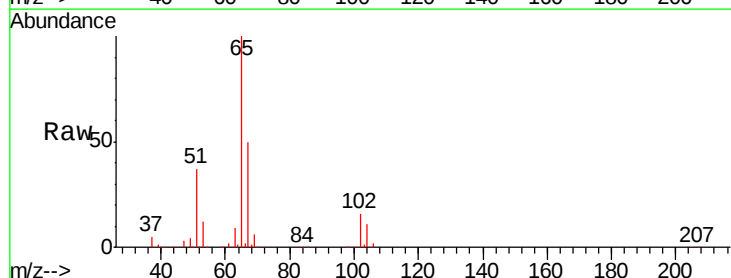
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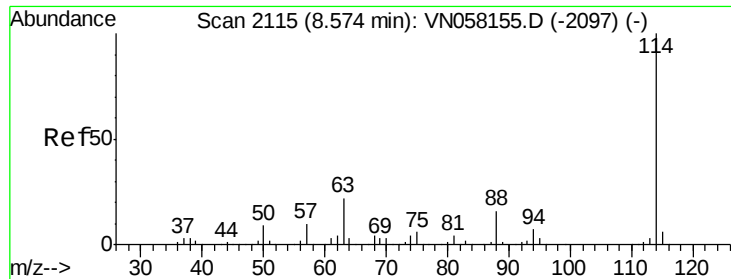
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#33
1,2-Dichloroethane-d4
Concen: 53.947 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058294.D
Acq: 23 Sep 2019 15:51

Tgt Ion: 65 Resp: 368233
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.4





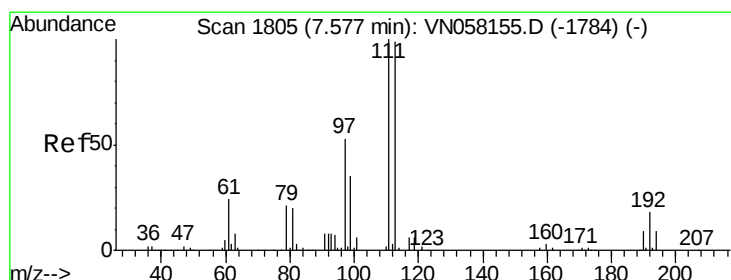
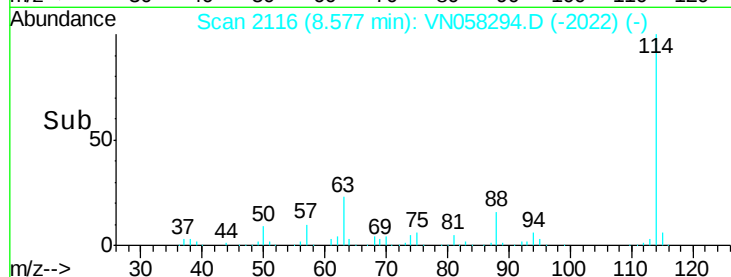
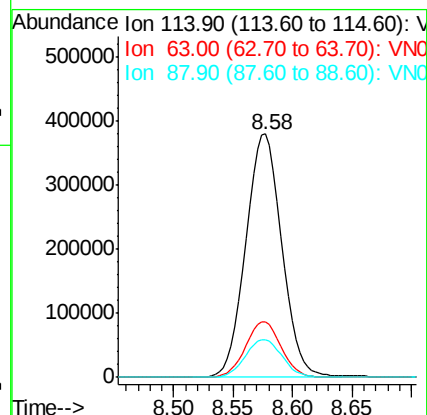
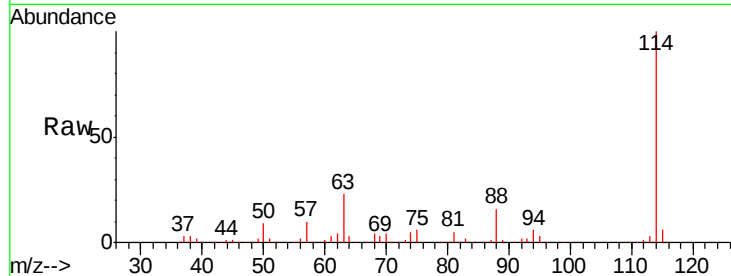
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058294.D
 Acq: 23 Sep 2019 15:51

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D1-20190918

Tgt Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	22.8	0.0	44.2
88	15.7	0.0	31.6

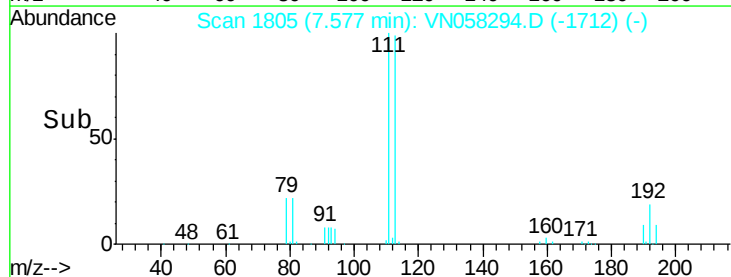
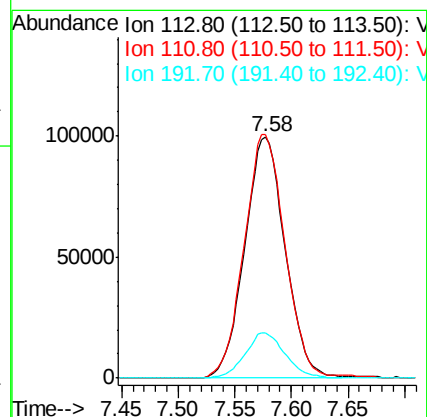
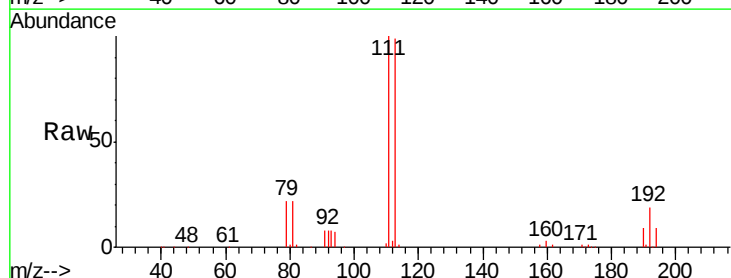
Manual Integrations
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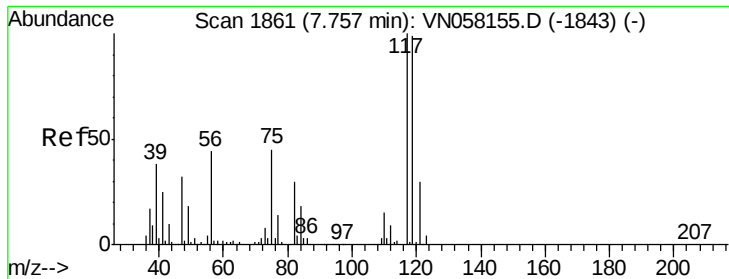
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#35
 Dibromofluoromethane
 Concen: 51.158 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058294.D
 Acq: 23 Sep 2019 15:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	102.7	81.8	122.6
192	18.6	14.5	21.7





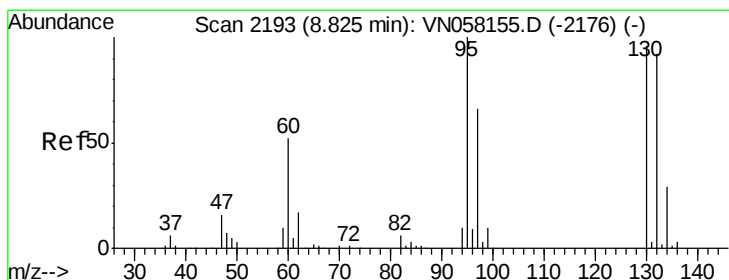
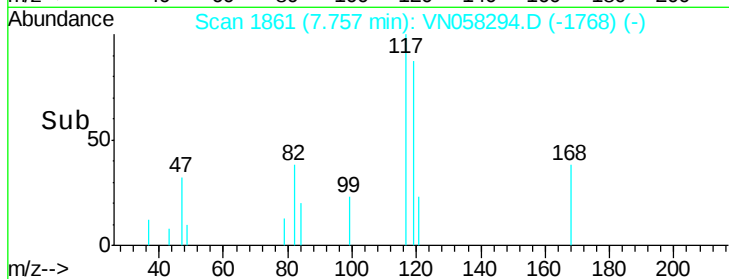
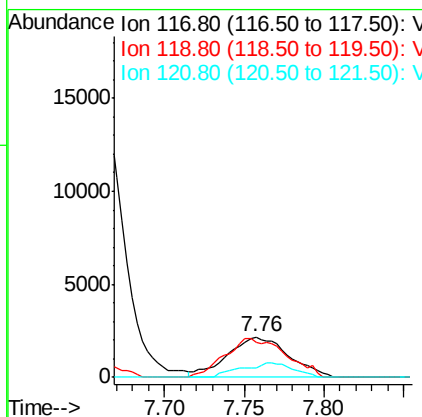
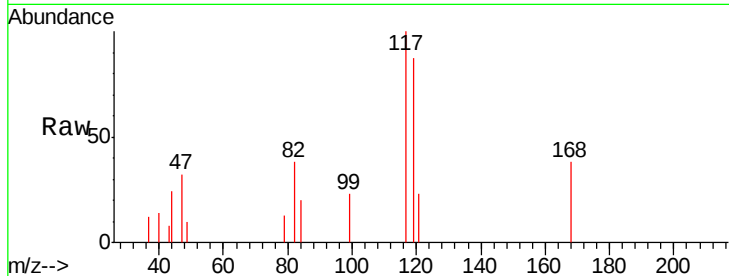
#38
Carbon Tetrachloride
Concen: 0.993 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN058294.D
Acq: 23 Sep 2019 15:51

Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20190918

Tgt Ion	Ratio	Lower	Upper
117	100		
119	87.1	78.6	117.8
121	23.3	24.1	36.1#

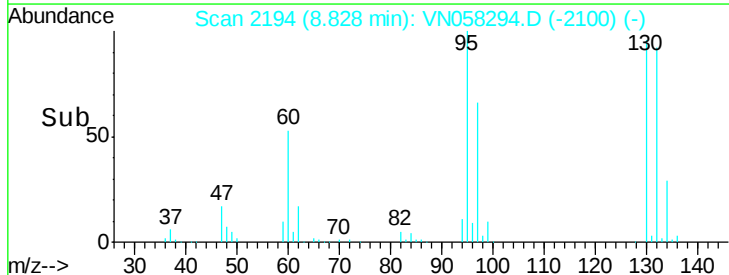
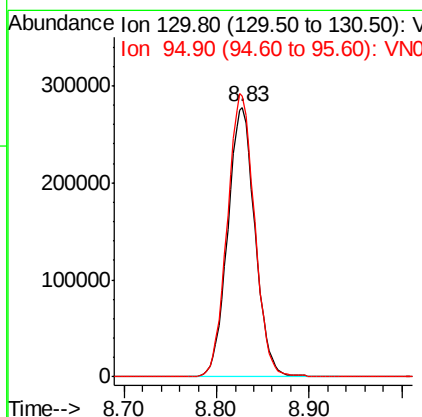
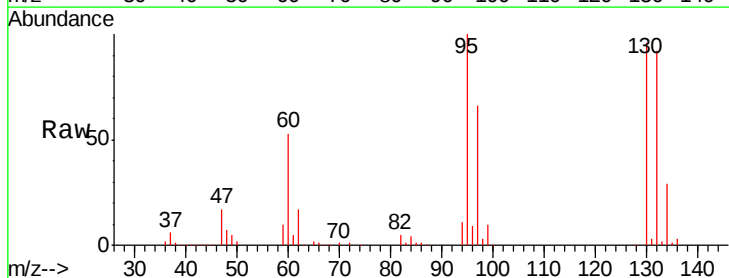
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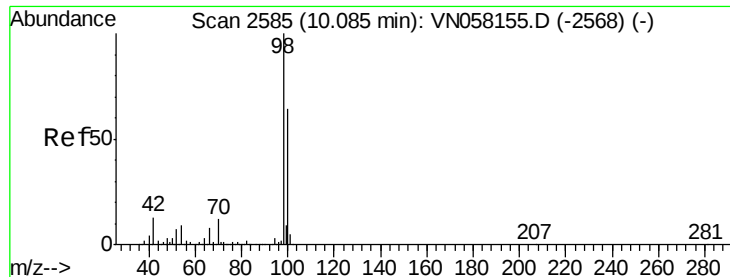
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#44
Trichloroethene
Concen: 132.066 ug/l
RT: 8.83 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VN058294.D
Acq: 23 Sep 2019 15:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.4	0.0	207.8





#50

Toluene-d8

Concen: 53.535 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058294.D

Acq: 23 Sep 2019 15:51

Instrument :

MSVOA_N

ClientSampleId :

RE139D1-20190918

Tgt Ion: 98 Resp: 1009969

Ion Ratio Lower Upper

98 100

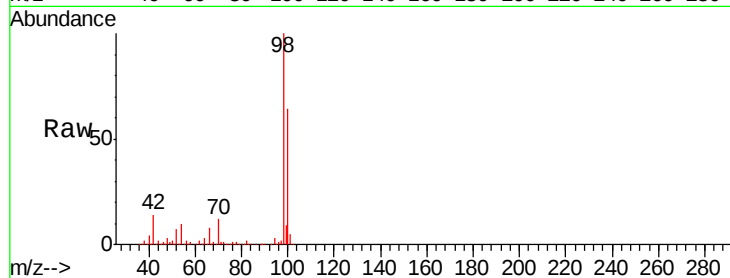
100 63.1 51.1 76.7

Manual Integrations

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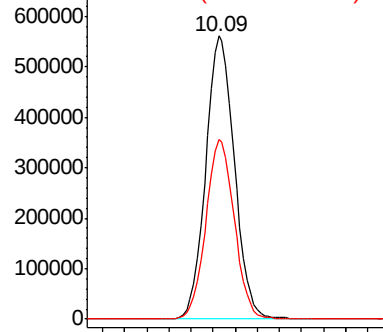
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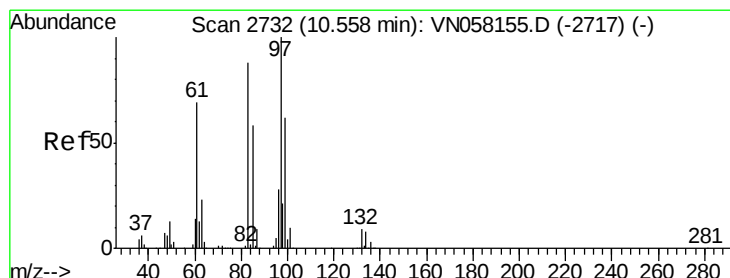
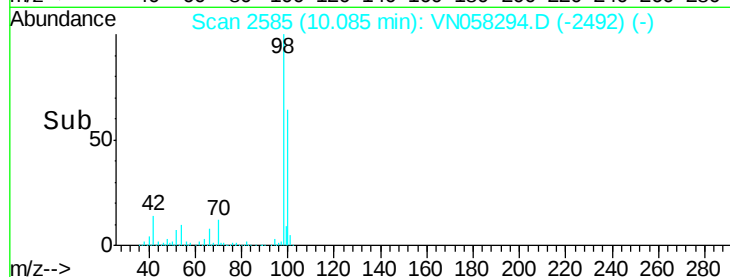


Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



Time-->



#55

1,1,2-Trichloroethane

Concen: 0.772 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.01 min

Lab File: VN058294.D

Acq: 23 Sep 2019 15:51

Tgt Ion: 97 Resp: 3767

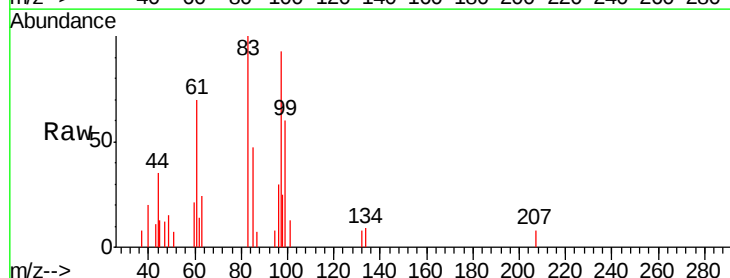
Ion Ratio Lower Upper

97 100

83 107.5 70.4 105.6#

85 51.0 46.8 70.2

99 64.0 49.9 74.9

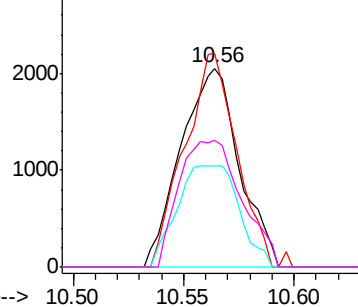


Abundance Ion 96.90 (96.60 to 97.60): VN0

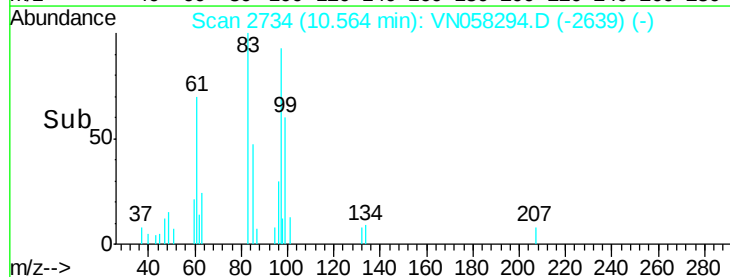
Ion 82.90 (82.60 to 83.60): VN0

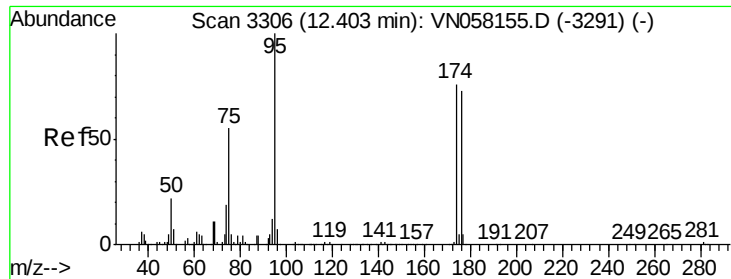
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



Time-->





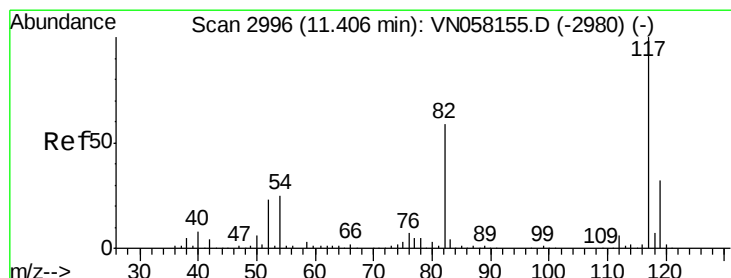
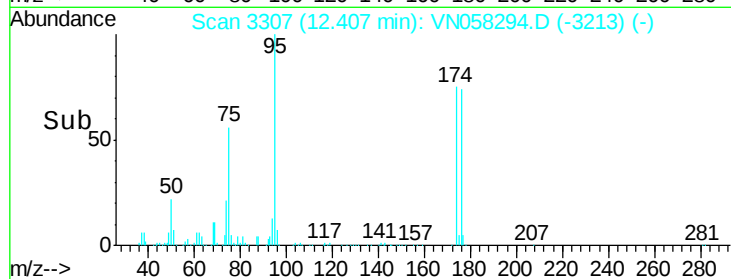
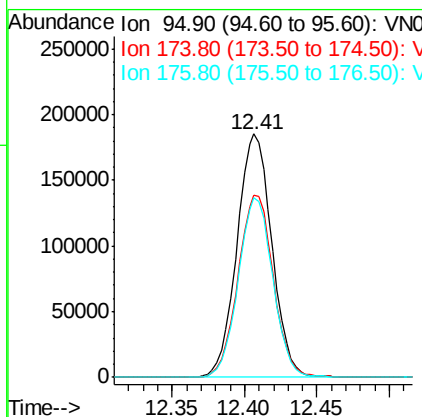
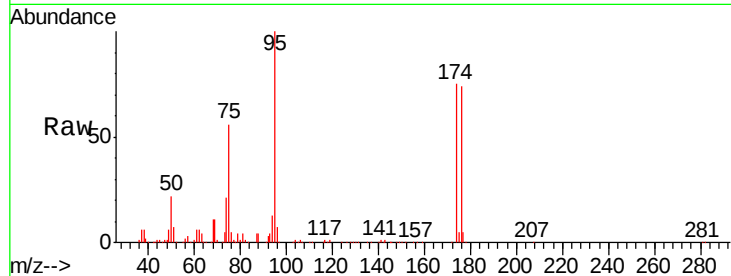
#62
4-Bromofluorobenzene
Concen: 44.150 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058294.D
Acq: 23 Sep 2019 15:51

Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20190918

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	309396		
174	75.7	0.0	152.2	
176	73.4	0.0	148.0	

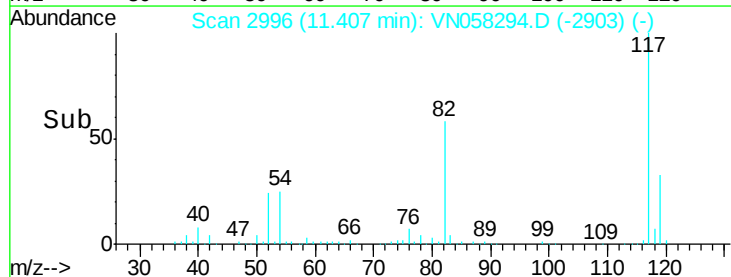
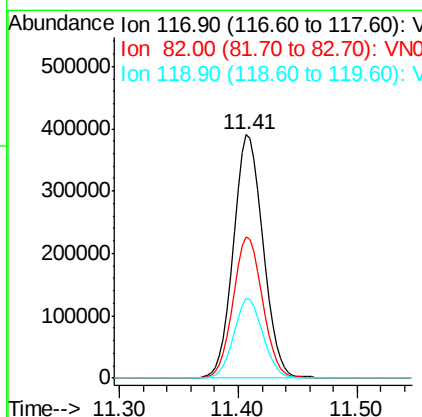
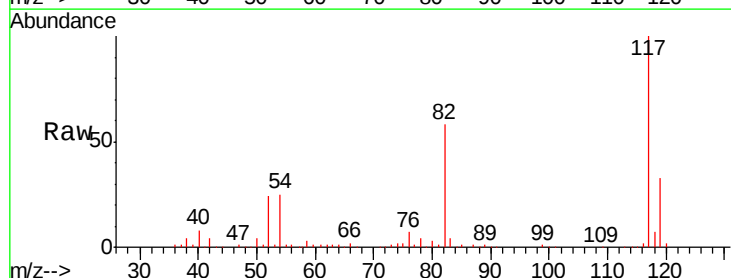
Manual Integrations
APPROVED

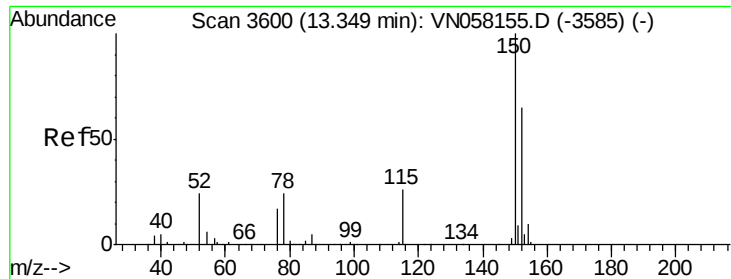
MMDadoda
10/1/2019 9:27:37 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058294.D
Acq: 23 Sep 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	675910		
82	58.2	46.9	70.3	
119	32.5	25.3	37.9	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058294.D

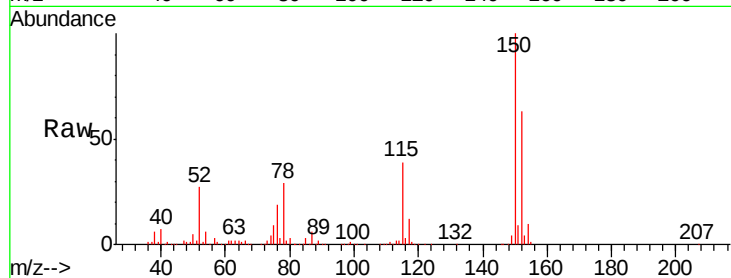
Acq: 23 Sep 2019 15:51

Instrument :

MSVOA_N

ClientSampleId :

RE139D1-20190918



Tgt Ion:152 Resp: 260198

Ion Ratio Lower Upper

152 100

115 61.3 30.1 90.3

150 158.5 0.0 346.4

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