

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092019\
 Data File : VN058270.D
 Acq On : 20 Sep 2019 22:36
 Operator : JC/SP
 Sample : K4975-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D2-20190917

Manual Integrations
 APPROVED

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 9/23/2019 3:31:09 PM

Quant Time: Sep 23 07:54:46 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	480549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	790681	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	686346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	279331	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	354058	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
35) Dibromofluoromethane	7.58	113	245558	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
50) Toluene-d8	10.08	98	1013997	54.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.28%	
62) 4-Bromofluorobenzene	12.41	95	322759	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.84	85	1747	0.443	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.74	101	83823	21.577	ug/l	99
12) 1,1-Dichloroethene	3.72	96	13469	4.243	ug/l	93
27) cis-1,2-Dichloroethene	6.82	96	15311	3.142	ug/l	87
30) Chloroform	7.36	83	5329m	0.574	ug/l	
38) Carbon Tetrachloride	7.76	117	3866	0.674	ug/l	90
44) Trichloroethene	8.82	130	3490117	818.918	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	2520	0.520	ug/l #	82
64) Tetrachloroethene	10.63	164	23869	7.134	ug/l	96

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

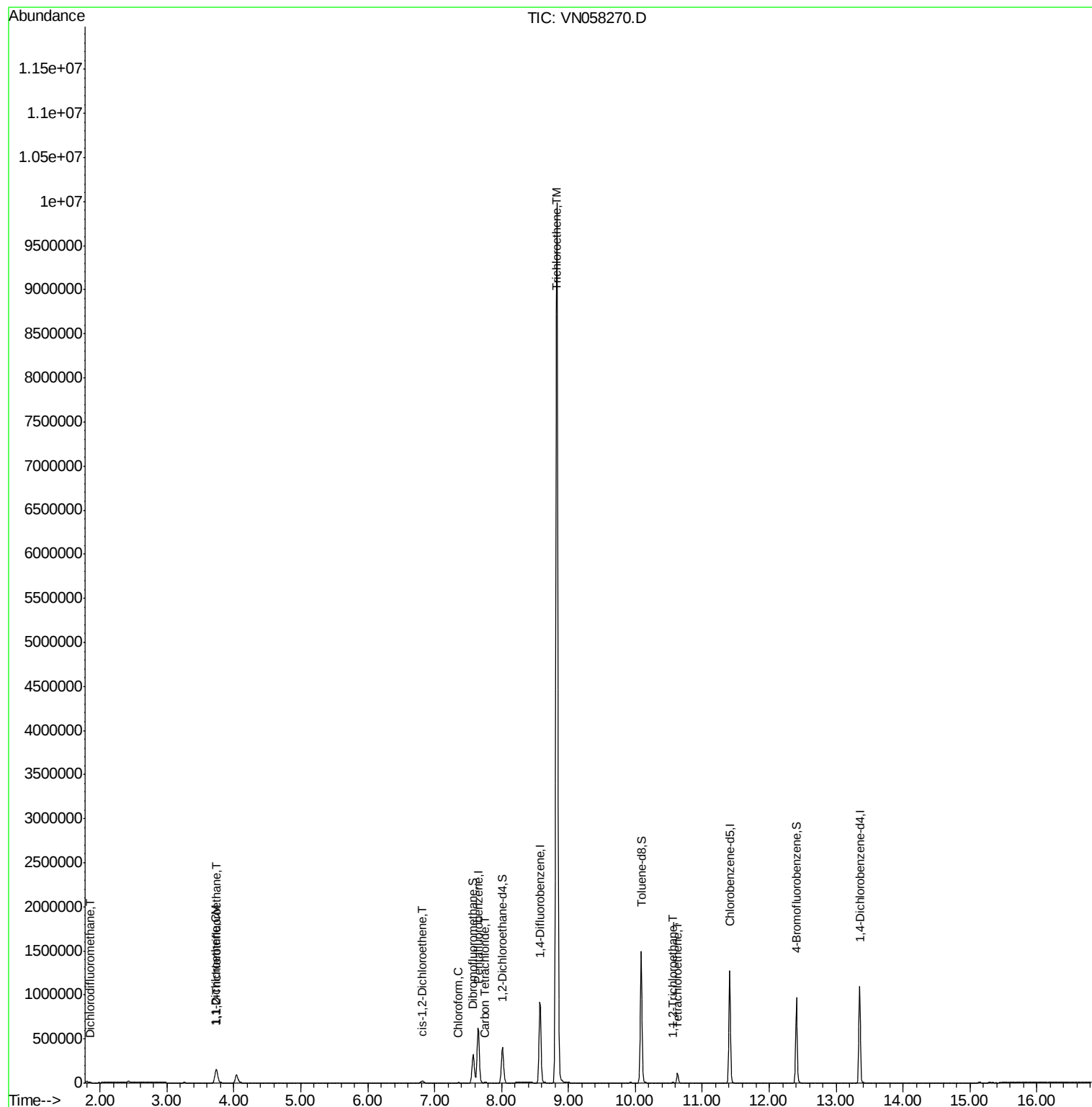
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092019\
Data File : VN058270.D
Acq On : 20 Sep 2019 22:36
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RE120D2-20190917

Manual Integrations
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Quant Time: Sep 23 07:54:46 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
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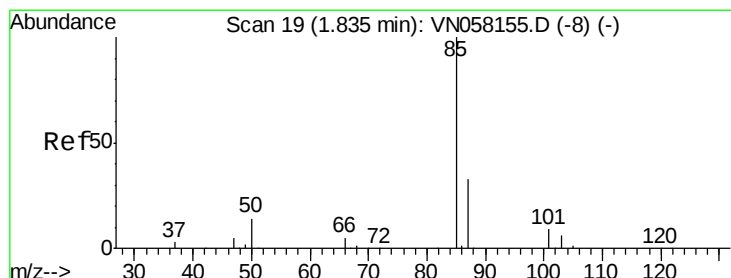
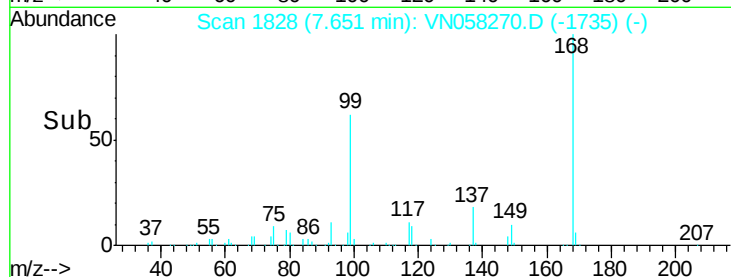
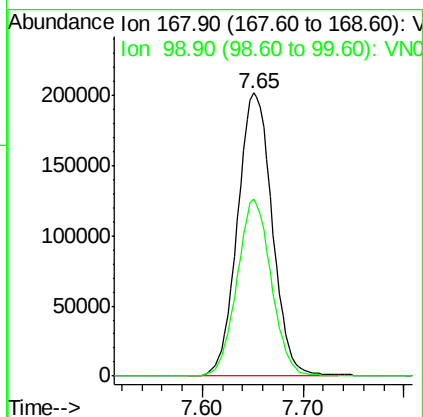
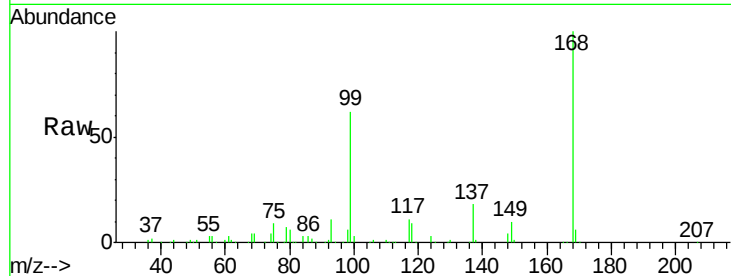
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN058270.D
Acq: 20 Sep 2019 22:36

Instrument :
MSVOA_N
ClientSampleId :
RE120D2-20190917

Tot Ion	Ratio	Lower	Upper
168	100		
99	62.4	47.4	71.2

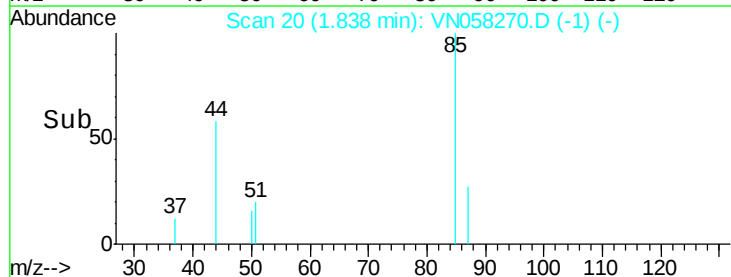
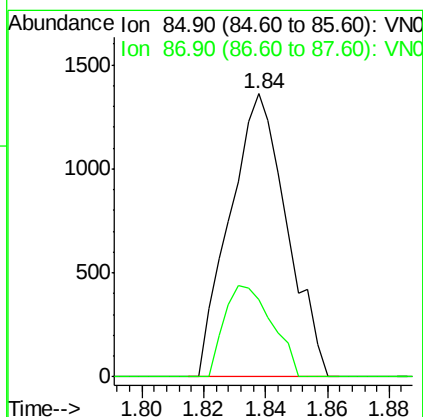
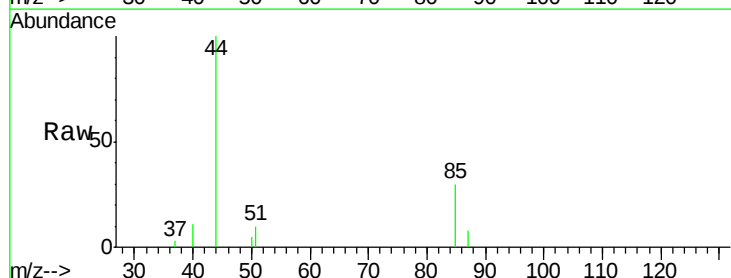
Manual Integrations
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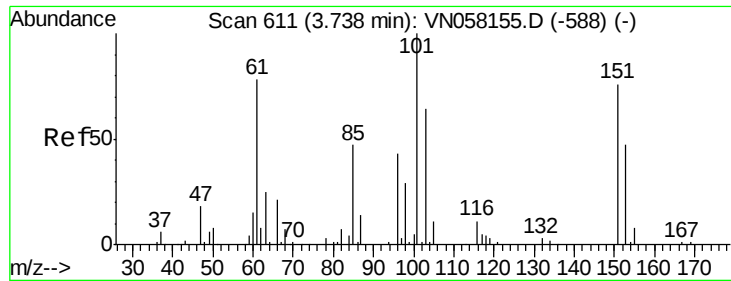
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#2
Dichlorodifluoromethane
Concen: 0.443 ug/l
RT: 1.84 min Scan# 20
Delta R.T. 0.00 min
Lab File: VN058270.D
Acq: 20 Sep 2019 22:36

Tgt Ion	Ratio	Lower	Upper
85	100		
87	27.2	16.3	48.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.577 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN058270.D

Acq: 20 Sep 2019 22:36

Instrument :

MSVOA_N

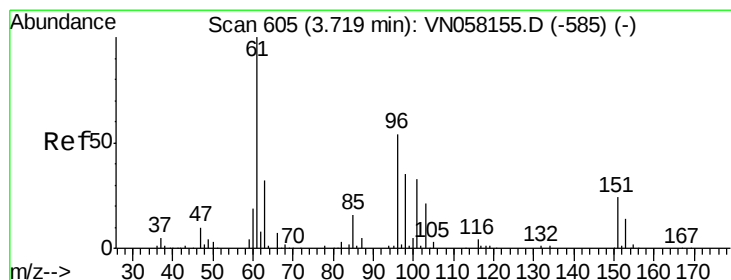
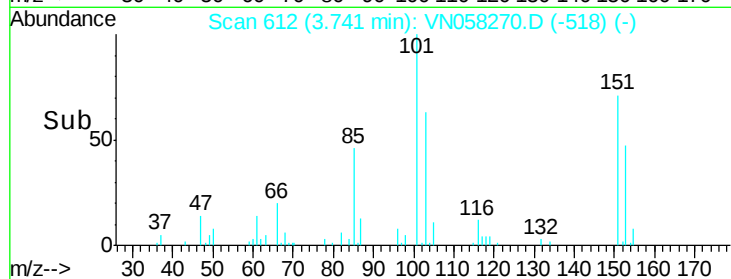
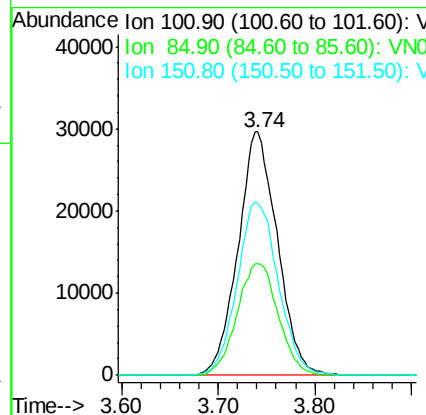
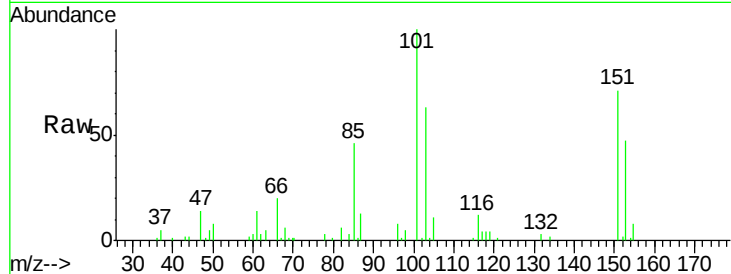
ClientSampleId :

RE120D2-20190917

Tot Ion:	101	Resp:	83823
Ion Ratio	Lower	Upper	
101	100		
85	47.9	37.3	55.9
151	74.3	59.6	89.4

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#12

1,1-Dichloroethene

Concen: 4.243 ug/l

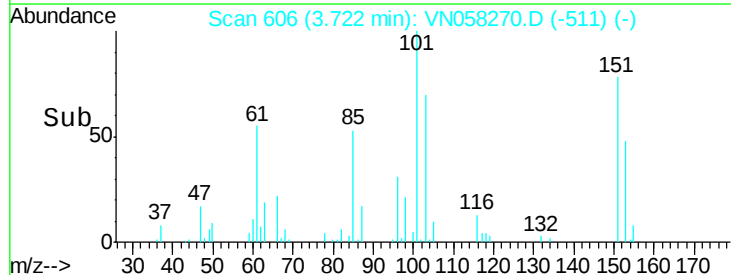
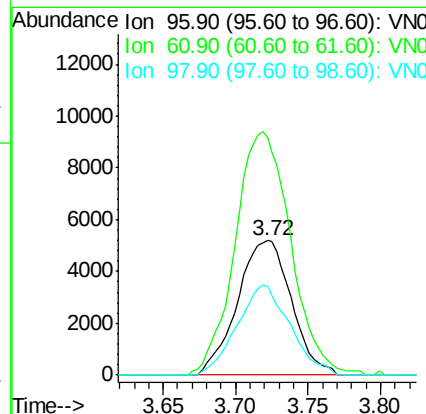
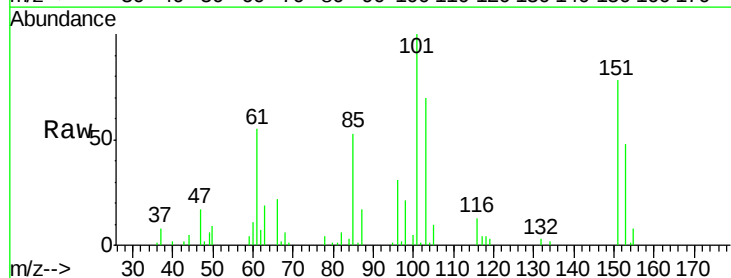
RT: 3.72 min Scan# 606

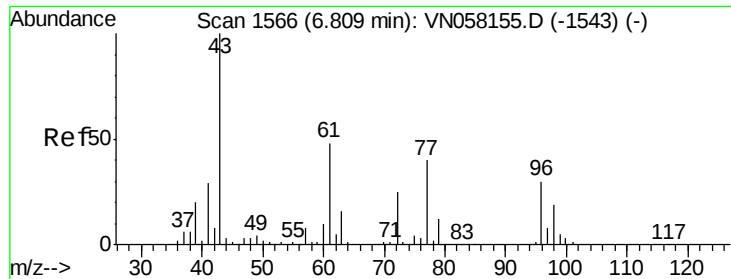
Delta R.T. 0.00 min

Lab File: VN058270.D

Acq: 20 Sep 2019 22:36

Tgt Ion:	96	Resp:	13469
Ion Ratio	Lower	Upper	
96	100		
61	173.0	149.5	224.3
98	65.7	52.4	78.6





#27

cis-1,2-Dichloroethene

Concen: 3.142 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN058270.D

Acq: 20 Sep 2019 22:36

Instrument :

MSVOA_N

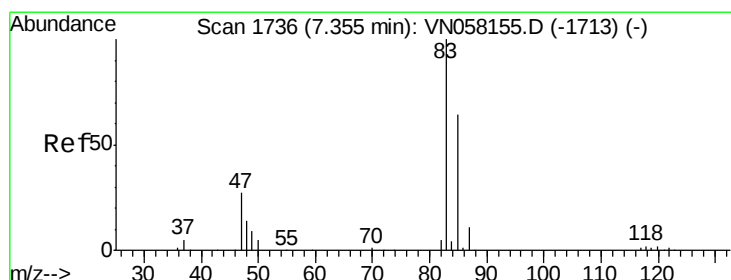
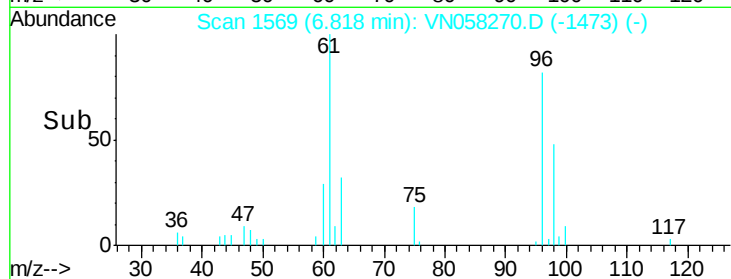
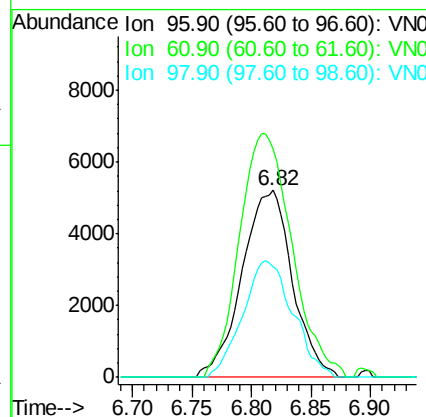
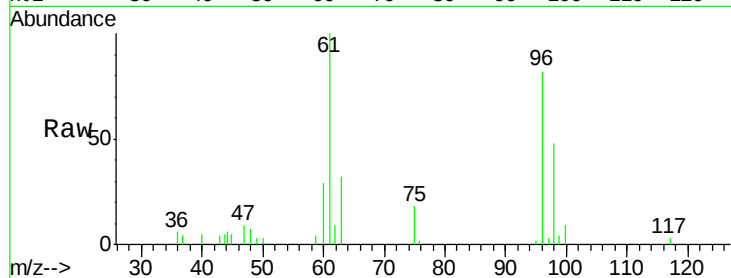
ClientSampleId :

RE120D2-20190917

Tot Ion:	96	Resp:	15311
Ion Ratio	Lower	Upper	
96	100		
61	135.7	0.0	319.0
98	62.0	0.0	126.6

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#30

Chloroform

Concen: 0.574 ug/l m

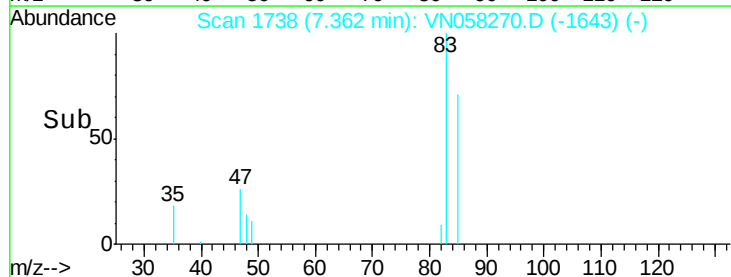
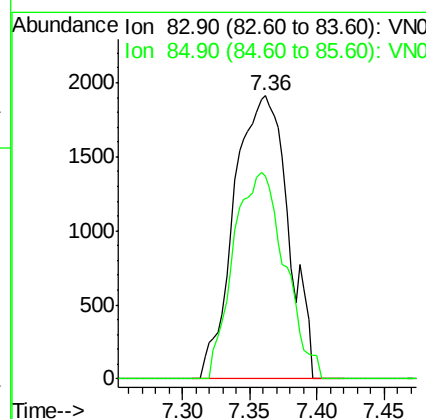
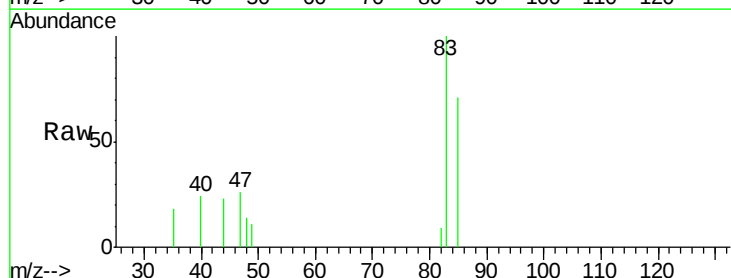
RT: 7.36 min Scan# 1738

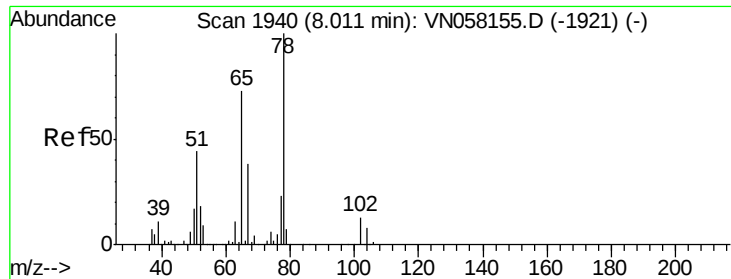
Delta R.T. 0.01 min

Lab File: VN058270.D

Acq: 20 Sep 2019 22:36

Tgt Ion:	83	Resp:	5329
Ion Ratio	Lower	Upper	
83	100		
85	71.5	51.4	77.2





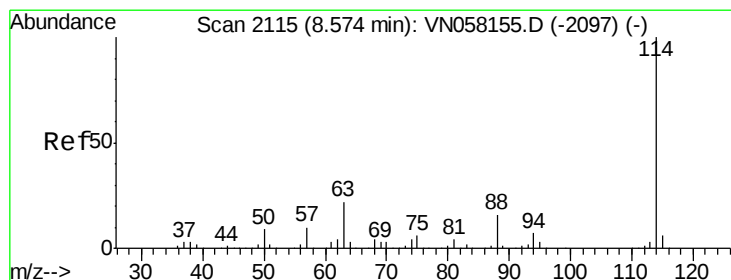
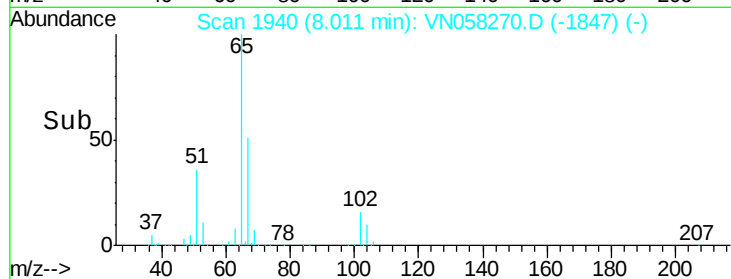
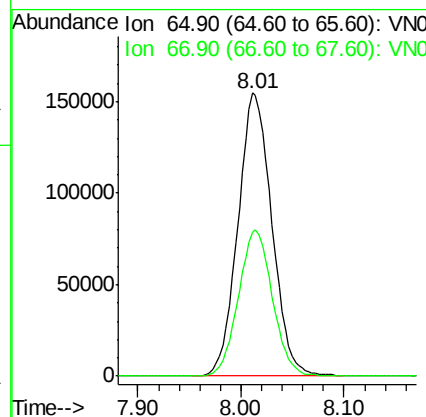
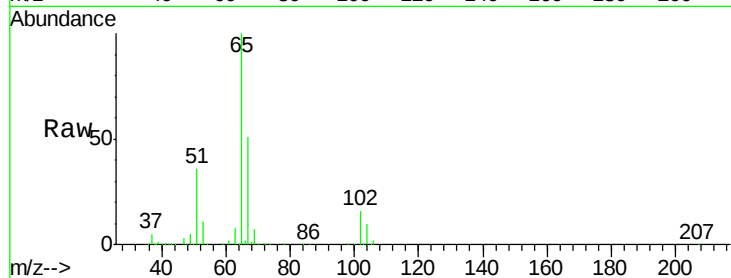
#33
 1,2-Dichloroethane-d4
 Concen: 52.899 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058270.D
 Acq: 20 Sep 2019 22:36

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D2-20190917

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.9	0.0	103.4	

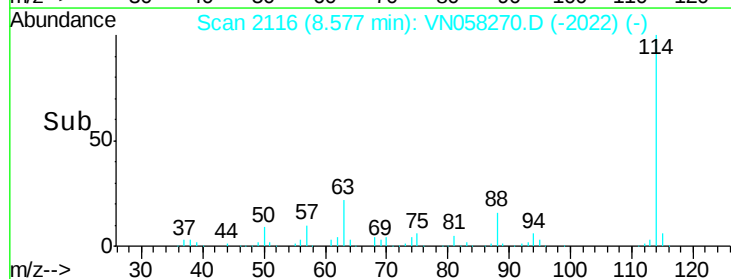
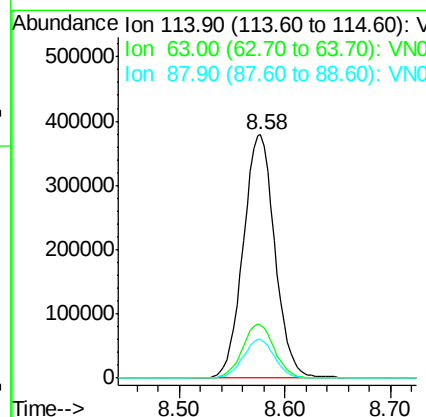
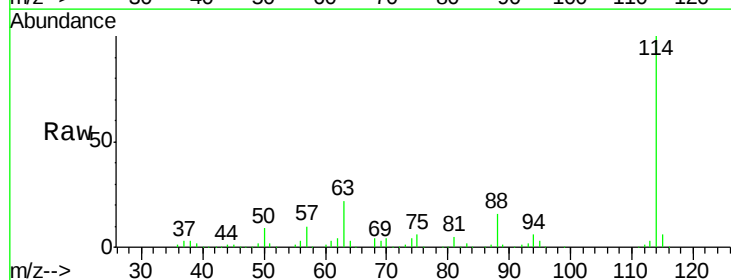
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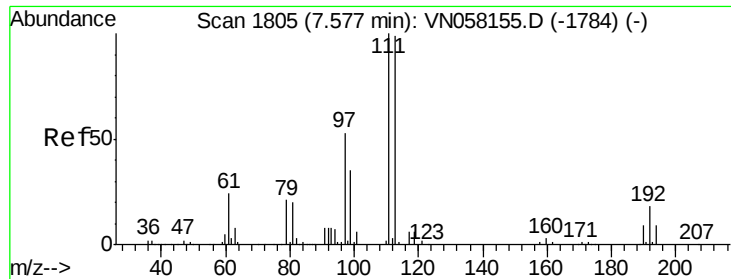
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058270.D
 Acq: 20 Sep 2019 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.9	0.0	44.2	
88	15.8	0.0	31.6	





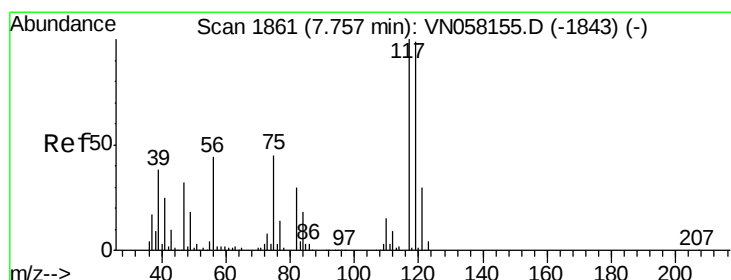
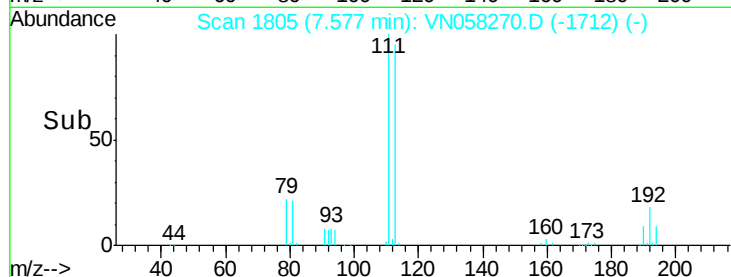
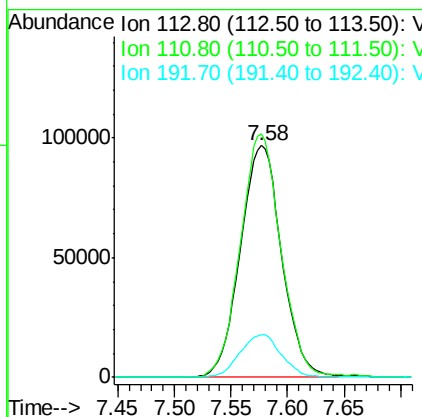
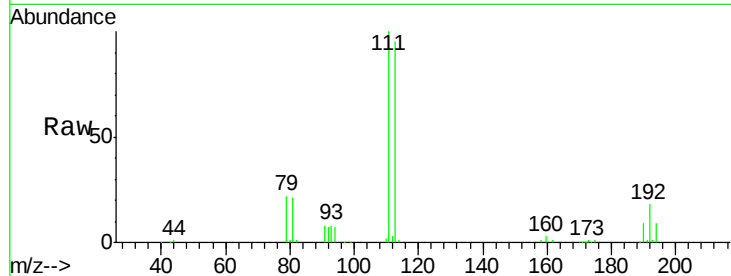
#35
 Dibromofluoromethane
 Concen: 51.087 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN058270.D
 Acq: 20 Sep 2019 22:36

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D2-20190917

Tot Ion	Ratio	Resp	Lower	Upper
113	100	245558		
111	103.2	81.8	122.6	
192	18.5	14.5	21.7	

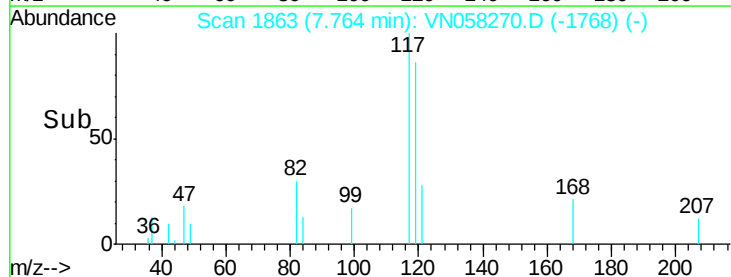
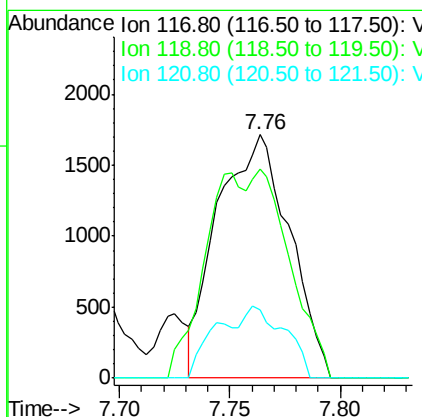
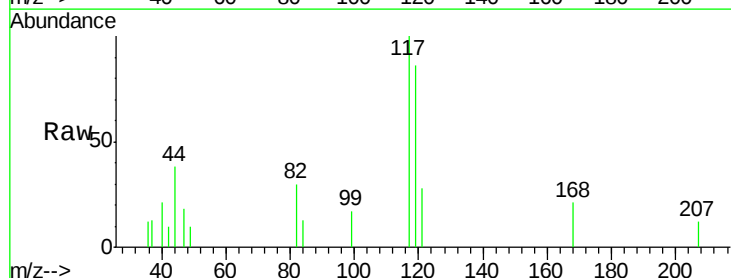
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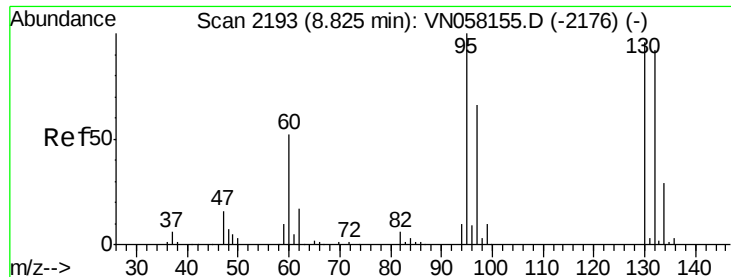
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#38
 Carbon Tetrachloride
 Concen: 0.674 ug/l
 RT: 7.76 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VN058270.D
 Acq: 20 Sep 2019 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	3866		
119	86.0	78.6	117.8	
121	27.9	24.1	36.1	





#44

Trichloroethene

Concen: 818.918 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058270.D

Acq: 20 Sep 2019 22:36

Instrument :

MSVOA_N

ClientSampleId :

RE120D2-20190917

Tot Ion:130 Resp: 3490117

Ion Ratio Lower Upper

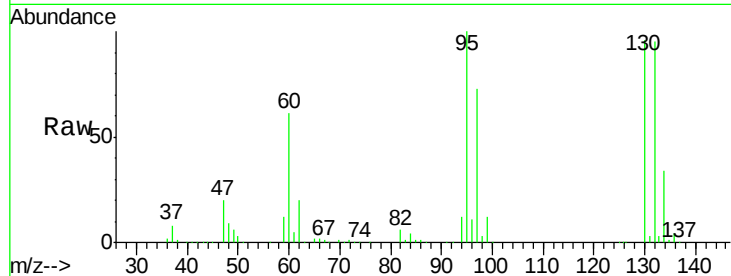
130 100

95 103.7 0.0 207.8

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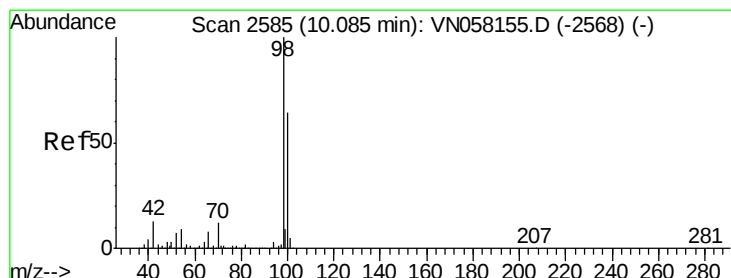
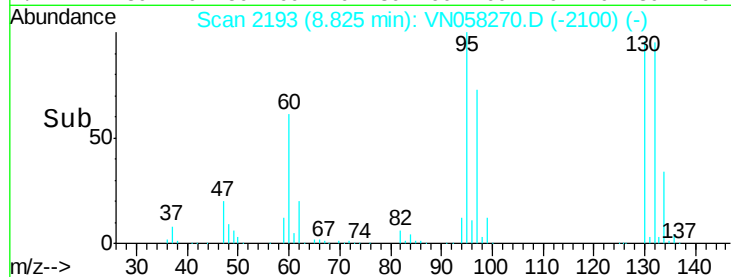
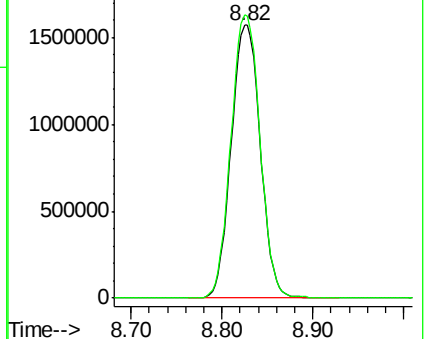
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 54.144 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058270.D

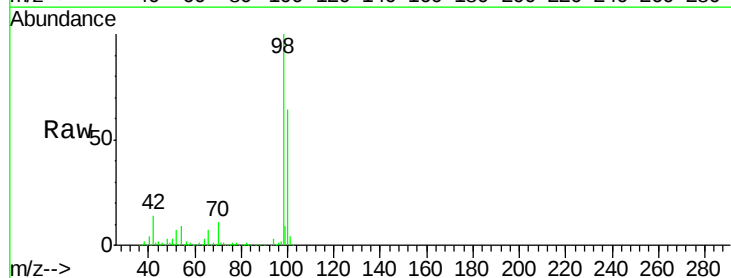
Acq: 20 Sep 2019 22:36

Tgt Ion: 98 Resp: 1013997

Ion Ratio Lower Upper

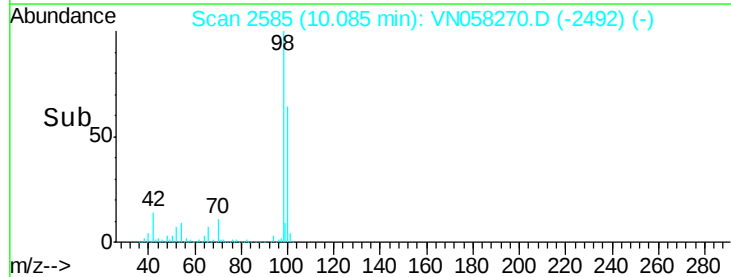
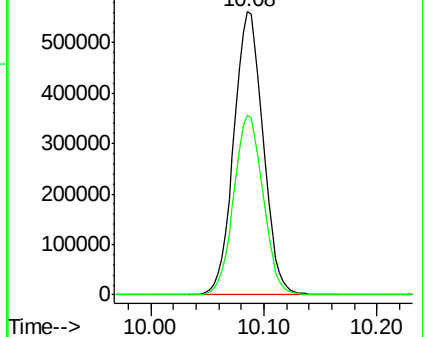
98 100

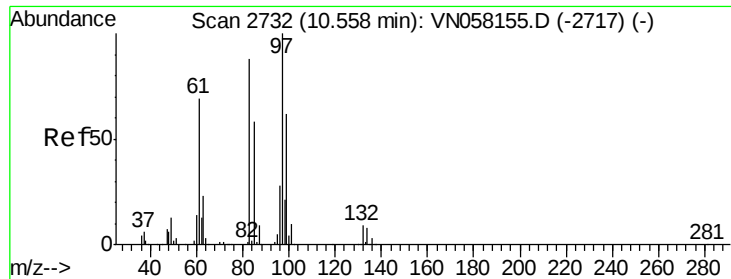
100 63.5 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





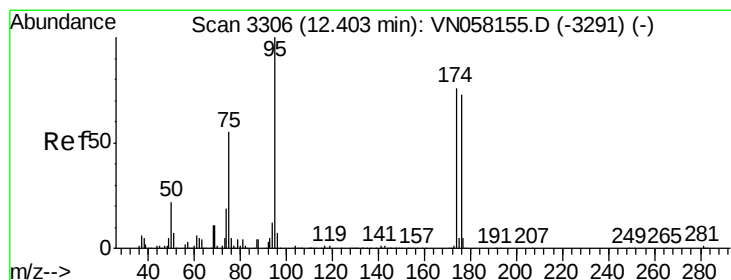
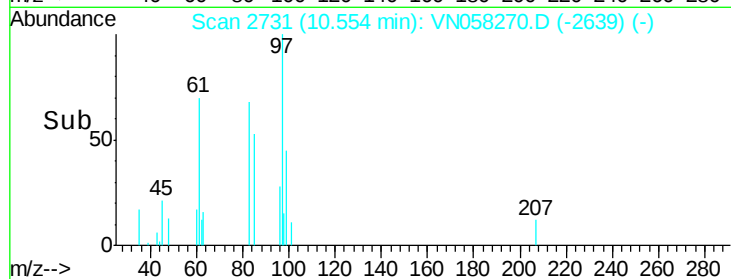
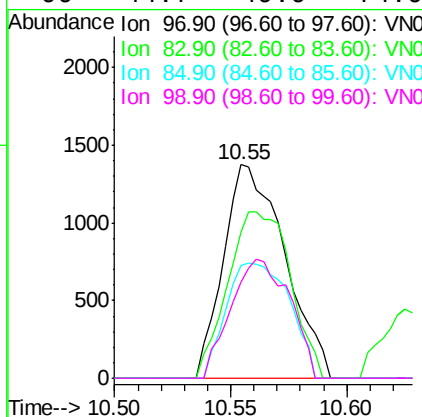
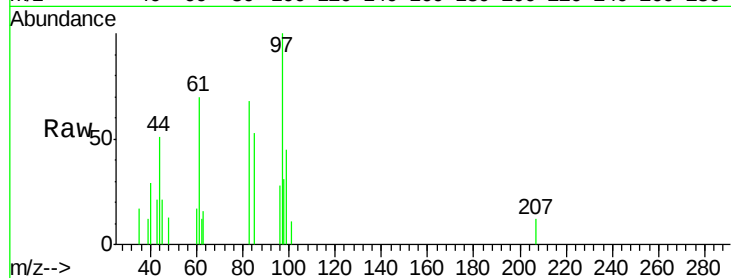
#55
 1,1,2-Trichloroethane
 Concen: 0.520 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN058270.D
 Acq: 20 Sep 2019 22:36

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D2-20190917

Tot Ion:	97	Resp:	2520
Ion	Ratio	Lower	Upper
97	100		
83	68.3	70.4	105.6#
85	52.9	46.8	70.2
99	44.7	49.9	74.9#

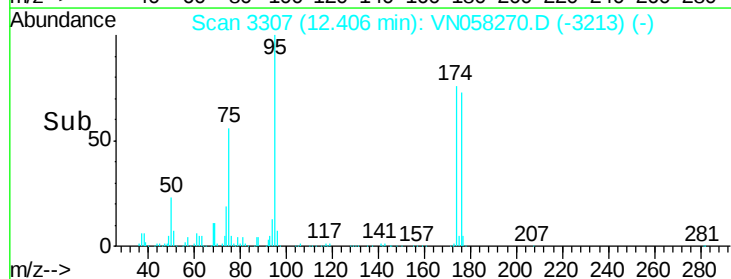
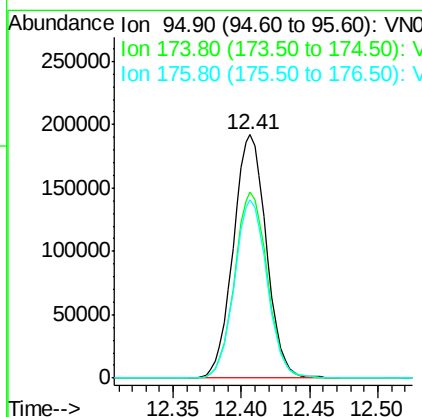
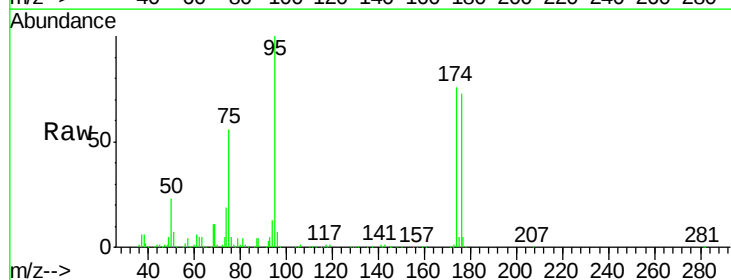
Manual Integrations
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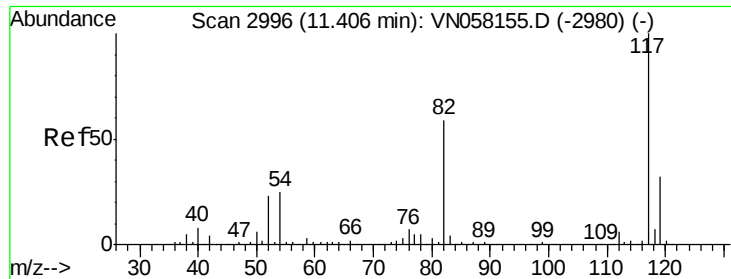
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#62
 4-Bromofluorobenzene
 Concen: 46.396 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN058270.D
 Acq: 20 Sep 2019 22:36

Tgt Ion:	95	Resp:	322759
Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	152.2
176	72.8	0.0	148.0





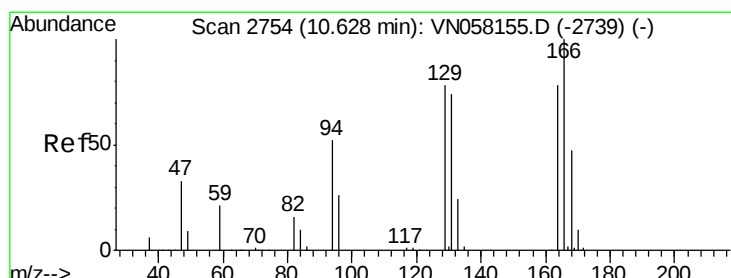
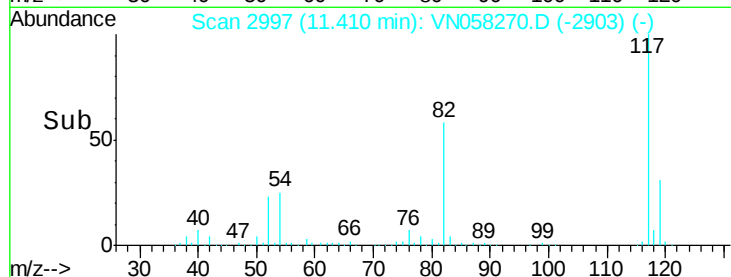
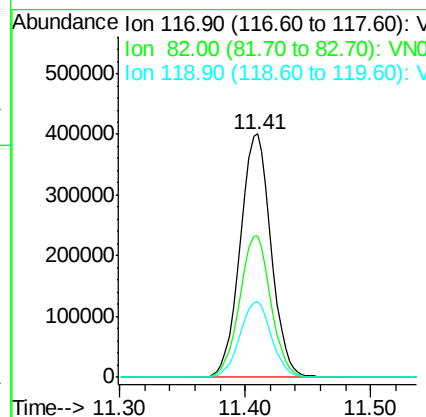
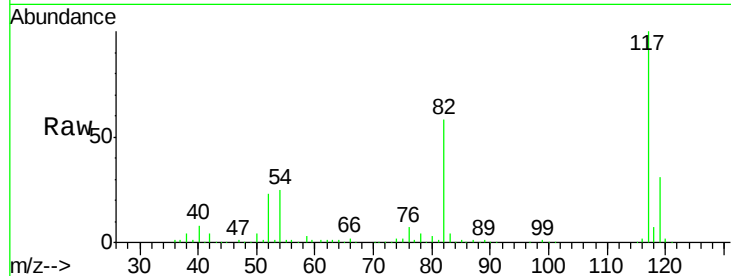
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058270.D
Acq: 20 Sep 2019 22:36

Instrument :
MSVOA_N
ClientSampleId :
RE120D2-20190917

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.2	46.9	70.3
119	31.2	25.3	37.9

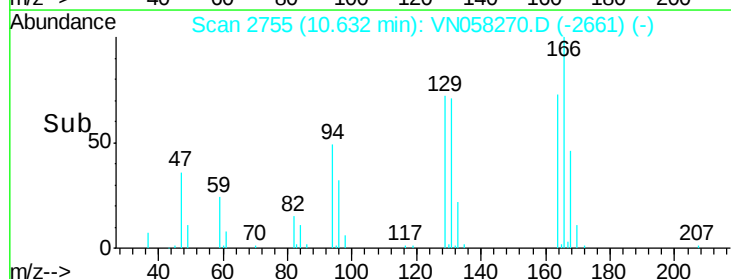
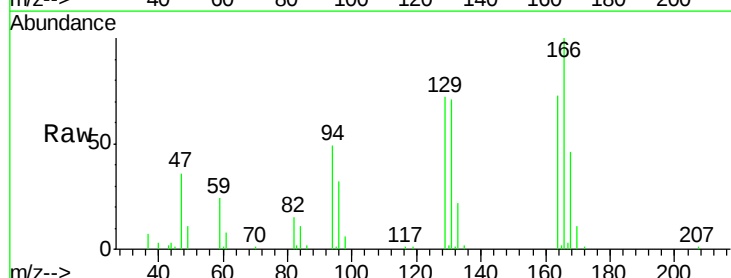
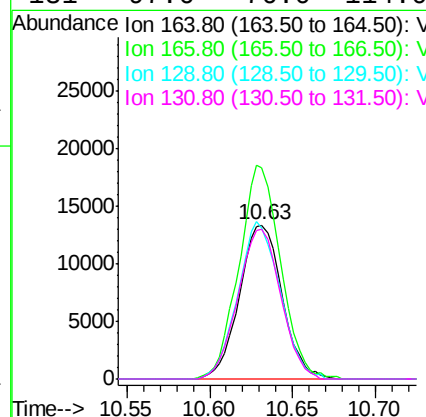
Manual Integrations
APPROVED

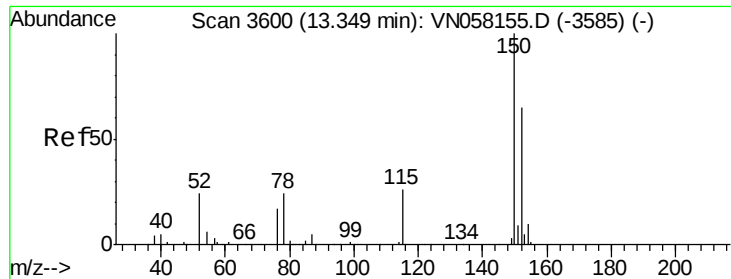
MMDadoda
9/23/2019 3:31:09 PM



#64
Tetrachloroethene
Concen: 7.134 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN058270.D
Acq: 20 Sep 2019 22:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	137.2	102.2	153.4
129	98.6	79.6	119.4
131	97.6	76.0	114.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058270.D

Acq: 20 Sep 2019 22:36

Instrument :

MSVOA_N

ClientSampleId :

RE120D2-20190917

Tot Ion:152 Resp: 279331

Ion Ratio Lower Upper

152 100

115 60.5 30.1 90.3

150 158.3 0.0 346.4

Manual Integrations

APPROVED

MMDadoda

9/23/2019 3:31:09 PM

