

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091919\
 Data File : VN058226.D
 Acq On : 19 Sep 2019 23:40
 Operator : JC/SP
 Sample : K4974-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D4-20190916

Manual Integrations
 APPROVED

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 9/20/2019 3:36:34 PM

Quant Time: Sep 20 09:03:50 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	513978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	832879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	716733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	296483	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	362548	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
35) Dibromofluoromethane	7.58	113	251839	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
50) Toluene-d8	10.08	98	1054749	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.94%	
62) 4-Bromofluorobenzene	12.41	95	338225	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.32%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.74	101	36623	8.814	ug/l	99
12) 1,1-Dichloroethene	3.72	96	5263	1.322	ug/l #	92
16) Acetone	3.80	43	18565	7.640	ug/l	94
27) cis-1,2-Dichloroethene	6.81	96	16029	3.075	ug/l	89
30) Chloroform	7.36	83	3593m	0.362	ug/l	
44) Trichloroethene	8.82	130	1376693	306.660	ug/l	100
64) Tetrachloroethene	10.63	164	24959	7.144	ug/l	97

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

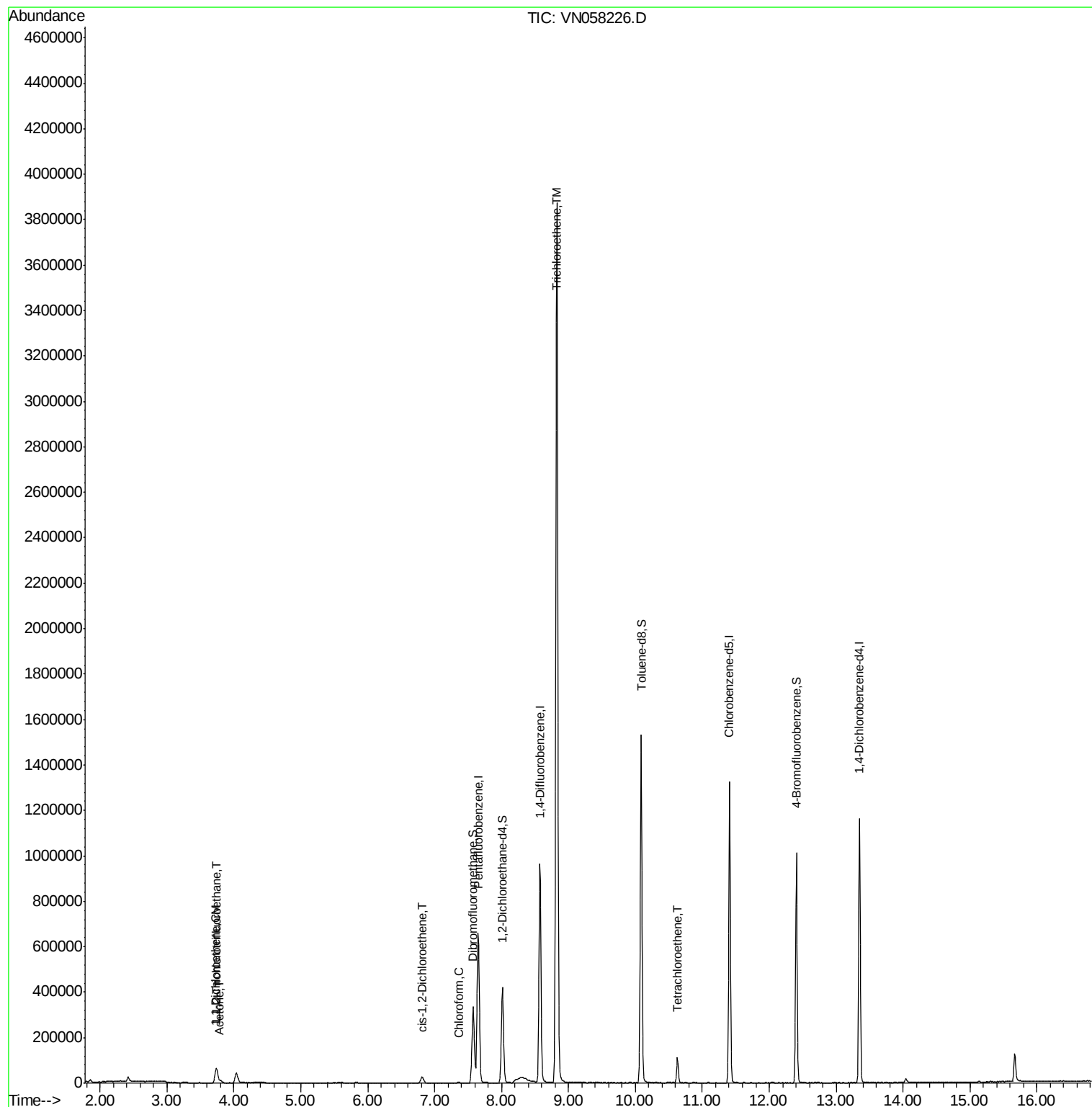
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091919\
Data File : VN058226.D
Acq On : 19 Sep 2019 23:40
Operator : JC/SP
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ALS Vial : 40 Sample Multiplier: 1

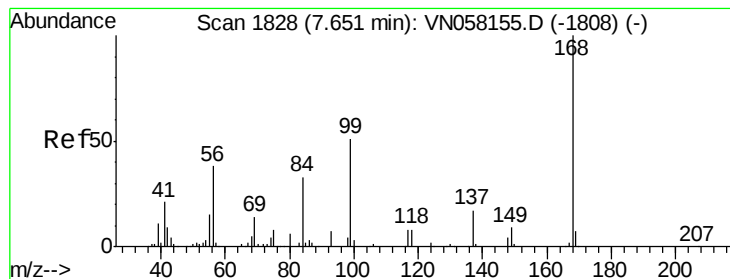
Instrument :
MSVOA_N
ClientSampleId :
RE132D4-20190916

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Quant Time: Sep 20 09:03:50 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: VN058226.D

Acq: 19 Sep 2019 23:40

Instrument :

MSVOA_N

ClientSampleId :

RE132D4-20190916

Tot Ion:168 Resp: 513978

Ion Ratio Lower Upper

168 100

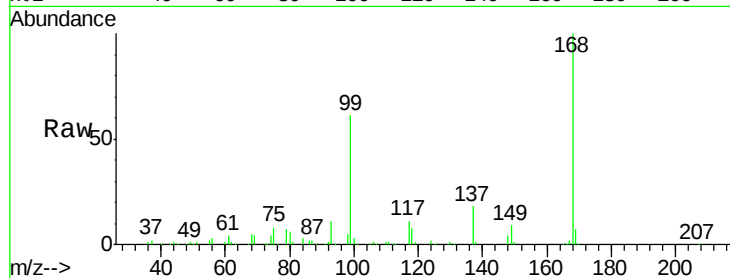
99 60.6 47.4 71.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

200000

150000

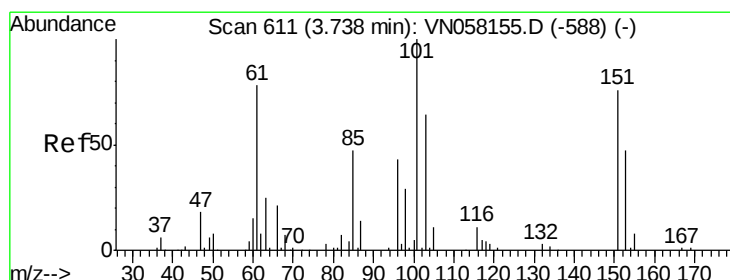
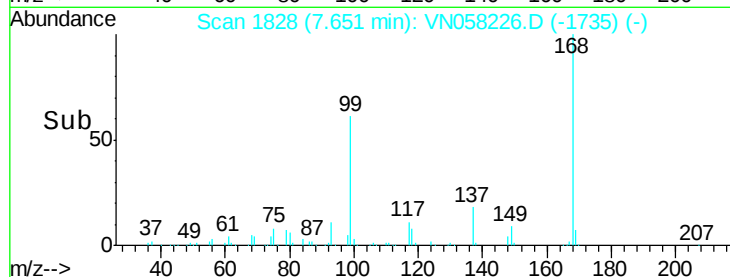
100000

50000

0

7.60 7.70

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 8.814 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.01 min

Lab File: VN058226.D

Acq: 19 Sep 2019 23:40

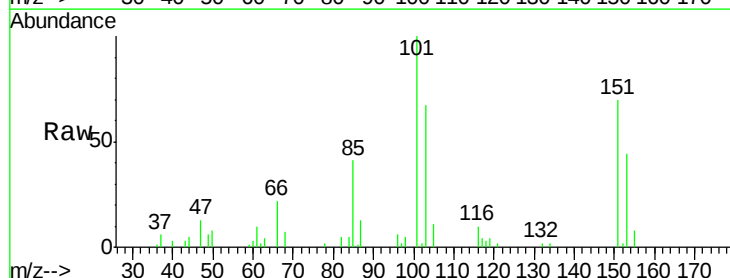
Tgt Ion:101 Resp: 36623

Ion Ratio Lower Upper

101 100

85 44.8 37.3 55.9

151 74.8 59.6 89.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V

3.74

15000

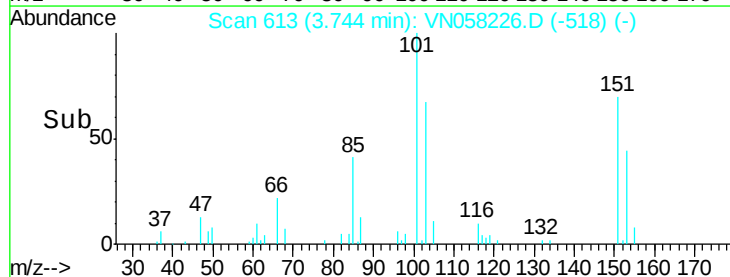
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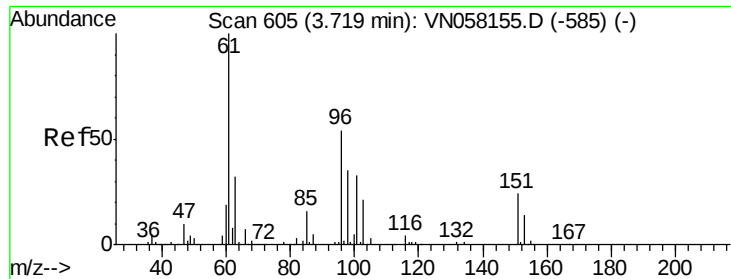
5000

0

3.65 3.70 3.75 3.80 3.85

Time-->





#12

1,1-Dichloroethene

Concen: 1.322 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN058226.D

Acq: 19 Sep 2019 23:40

Instrument :

MSVOA_N

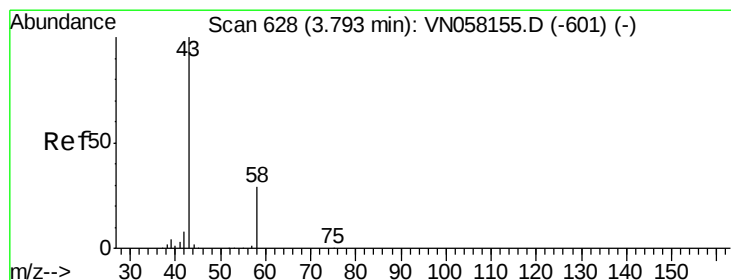
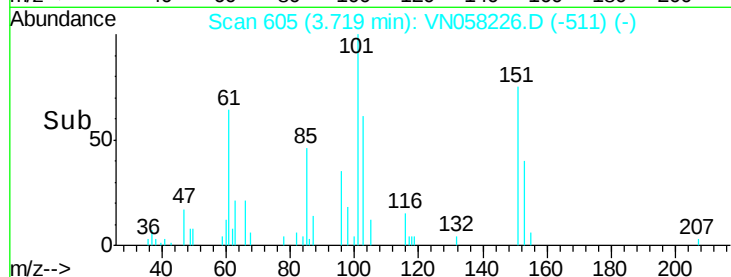
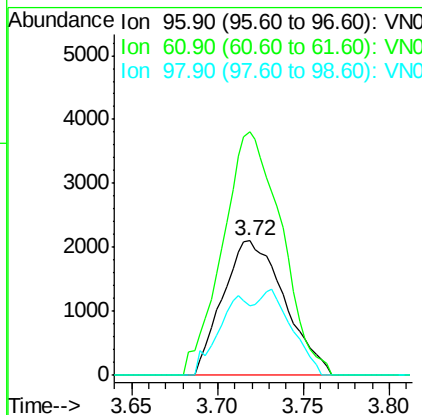
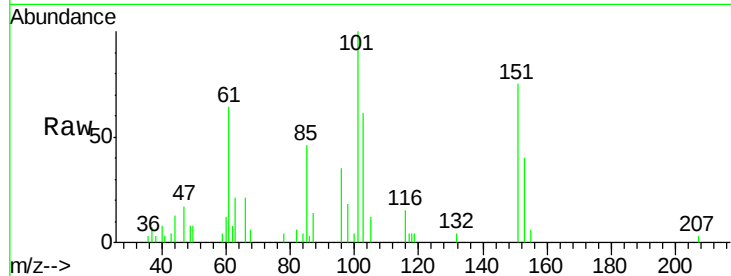
ClientSampleId :

RE132D4-20190916

Tot Ion:	96	Resp:	5263
Ion	Ratio	Lower	Upper
96	100		
61	181.0	149.5	224.3
98	51.6	52.4	78.6#

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#16

Acetone

Concen: 7.640 ug/l

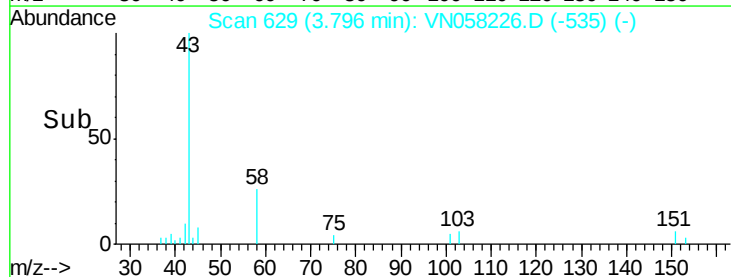
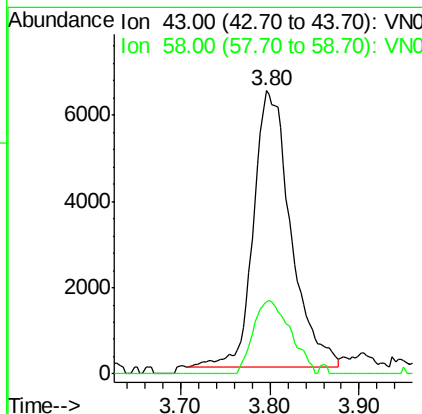
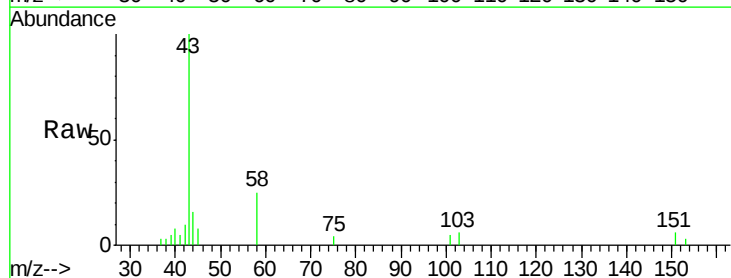
RT: 3.80 min Scan# 629

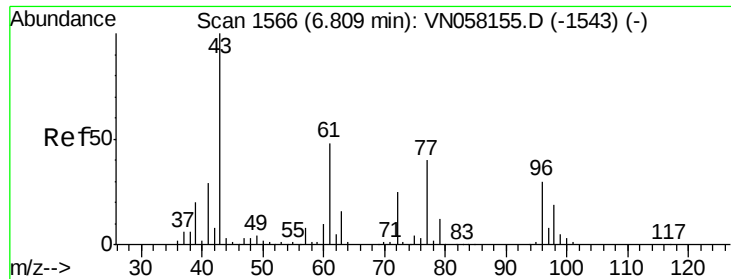
Delta R.T. 0.00 min

Lab File: VN058226.D

Acq: 19 Sep 2019 23:40

Tgt Ion:	43	Resp:	18565
Ion	Ratio	Lower	Upper
43	100		
58	26.1	23.4	35.2





#27

cis-1,2-Dichloroethene

Concen: 3.075 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN058226.D

Acq: 19 Sep 2019 23:40

Instrument :

MSVOA_N

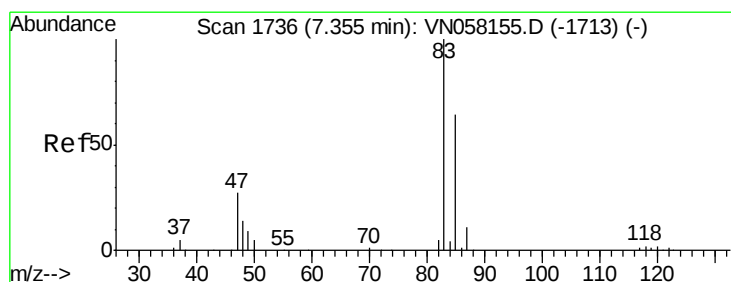
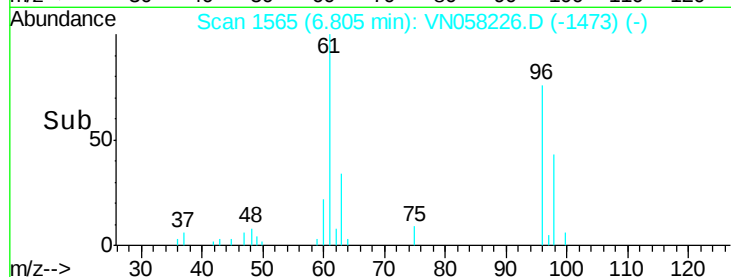
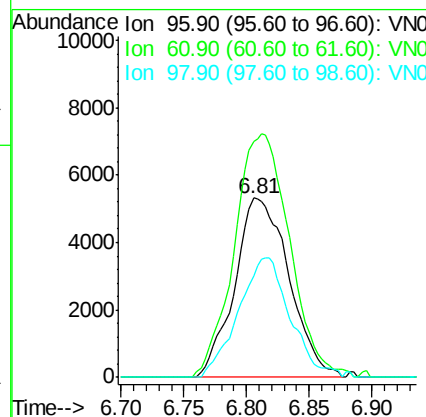
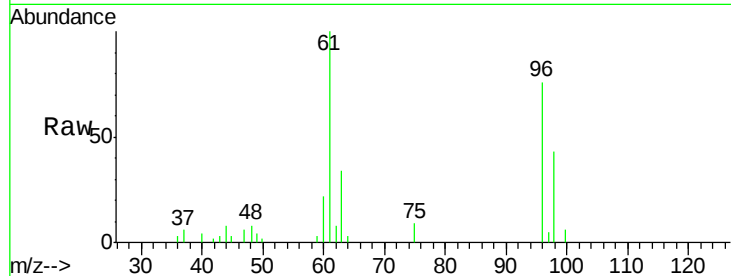
ClientSampleId :

RE132D4-20190916

Tot Ion:	96	Resp:	16029
Ion	Ratio	Lower	Upper
96	100		
61	138.5	0.0	319.0
98	63.5	0.0	126.6

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#30

Chloroform

Concen: 0.362 ug/l m

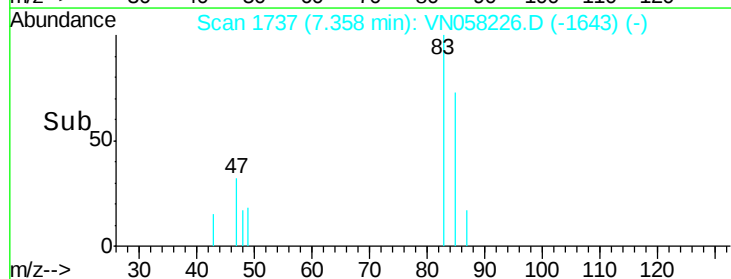
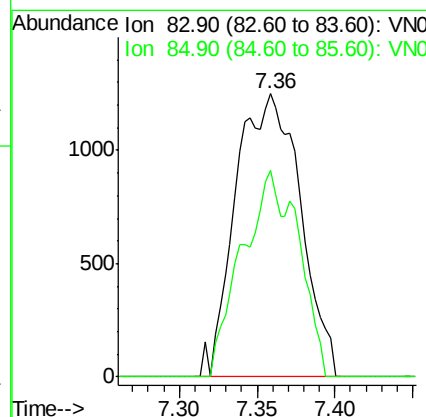
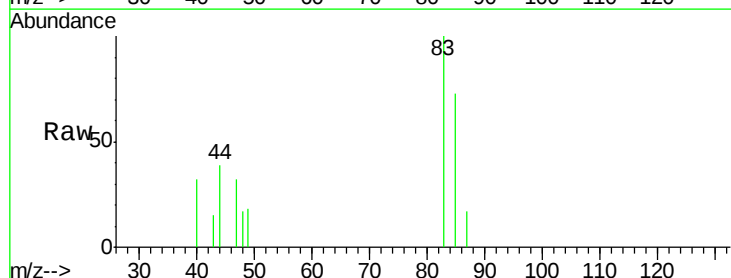
RT: 7.36 min Scan# 1737

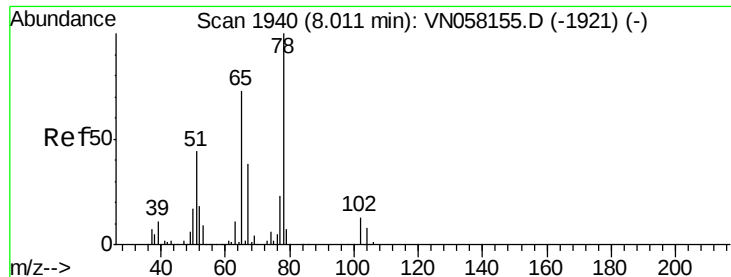
Delta R.T. 0.00 min

Lab File: VN058226.D

Acq: 19 Sep 2019 23:40

Tgt Ion:	83	Resp:	3593
Ion	Ratio	Lower	Upper
83	100		
85	73.1	51.4	77.2





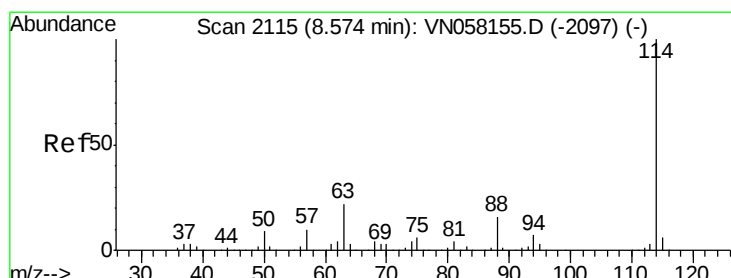
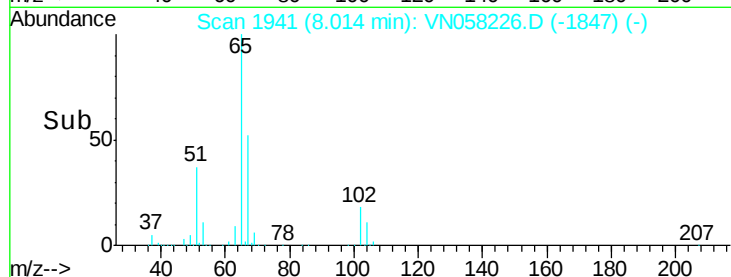
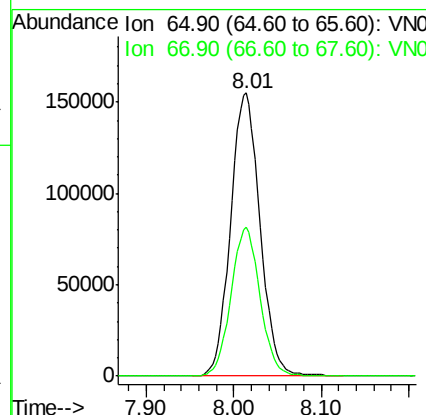
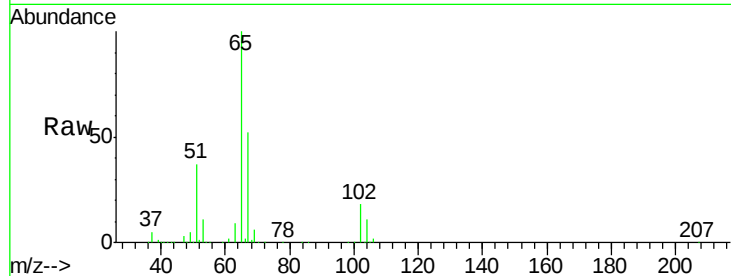
#33
 1,2-Dichloroethane-d4
 Concen: 50.644 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058226.D
 Acq: 19 Sep 2019 23:40

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D4-20190916

Tot Ion	Ratio	Resp	Lower	Upper
65	100	362548		
67	51.8	0.0	103.4	

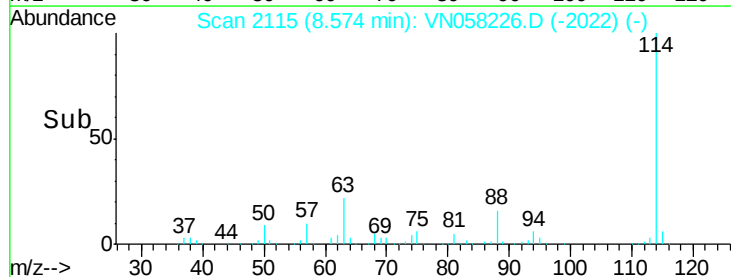
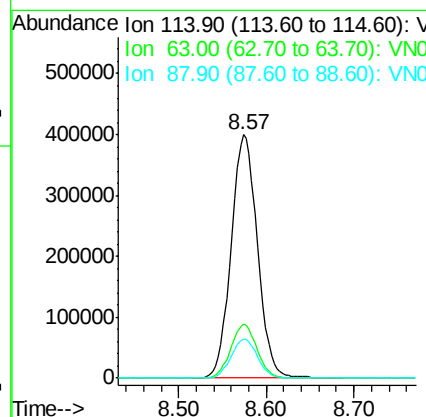
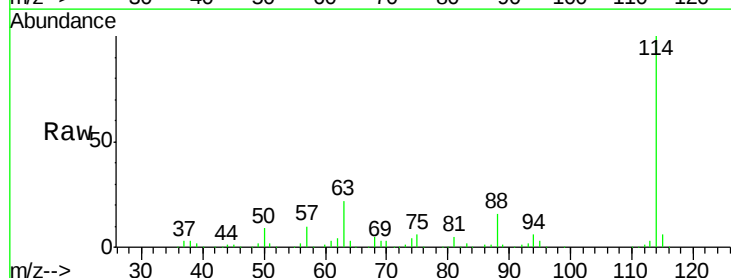
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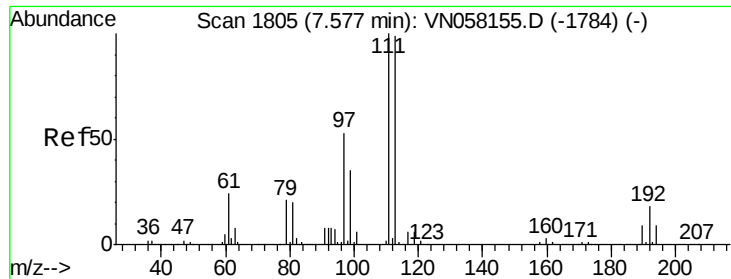
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058226.D
 Acq: 19 Sep 2019 23:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	832879		
63	22.4	0.0	44.2	
88	15.9	0.0	31.6	





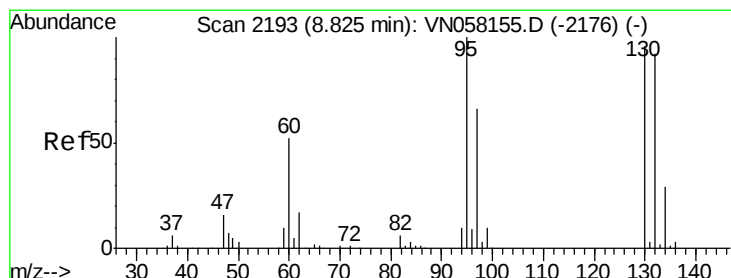
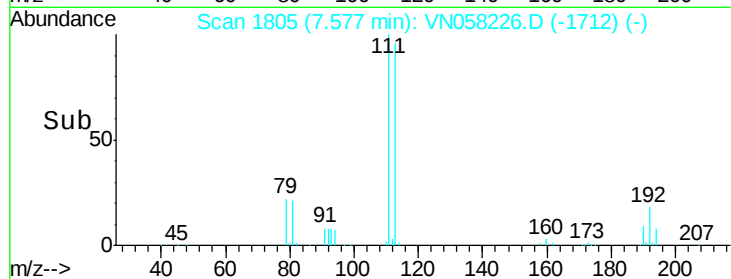
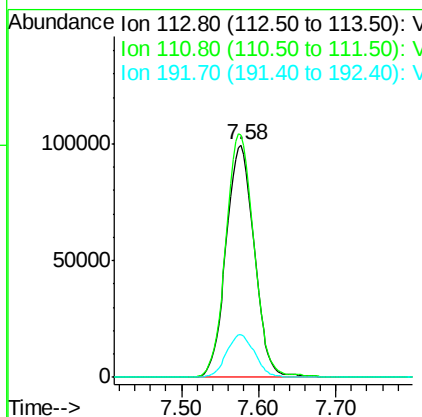
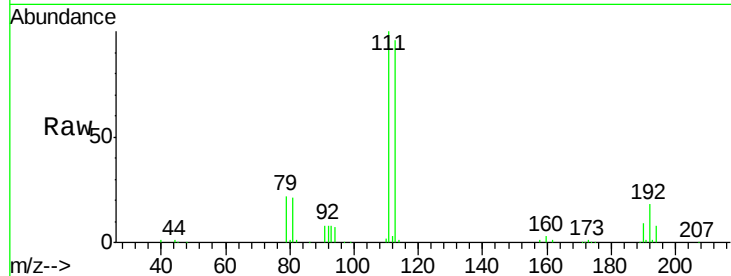
#35
 Dibromofluoromethane
 Concen: 49.739 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN058226.D
 Acq: 19 Sep 2019 23:40

Instrument :
 MSVOA_N
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
113	100	251839		
111	103.4	81.8	122.6	
192	18.3	14.5	21.7	

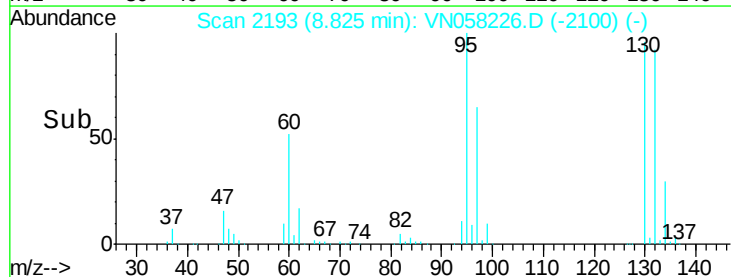
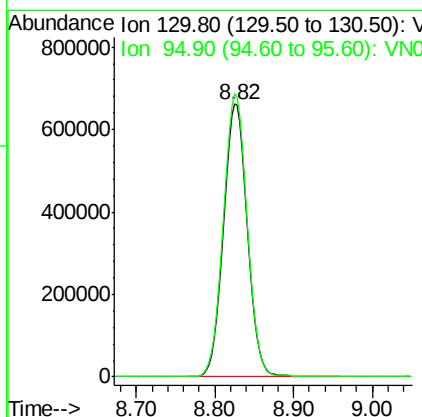
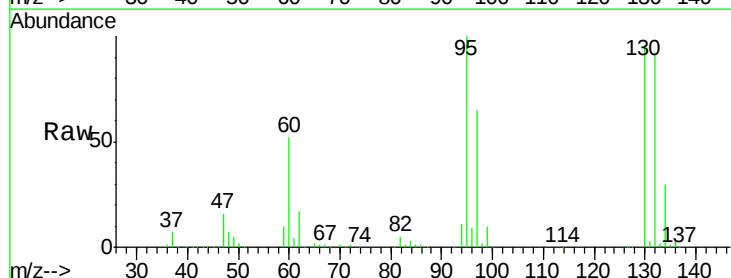
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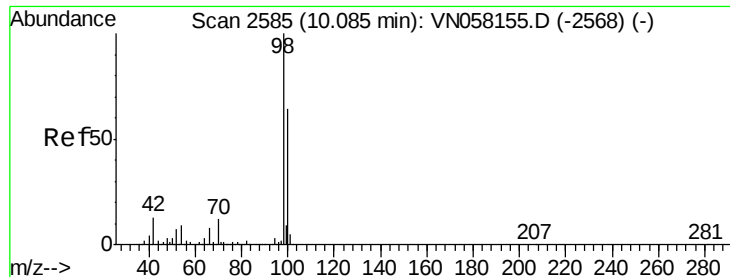
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#44
 Trichloroethene
 Concen: 306.660 ug/l
 RT: 8.82 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VN058226.D
 Acq: 19 Sep 2019 23:40

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	1376693		
95	103.7	0.0	207.8	





#50

Toluene-d8

Concen: 53.466 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058226.D

Acq: 19 Sep 2019 23:40

Instrument :

MSVOA_N

ClientSampleId :

RE132D4-20190916

Tot Ion: 98 Resp: 1054749

Ion Ratio Lower Upper

98 100

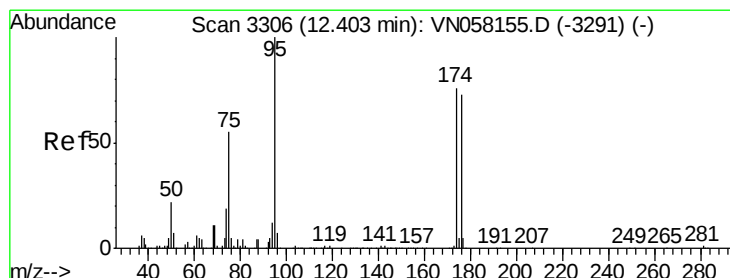
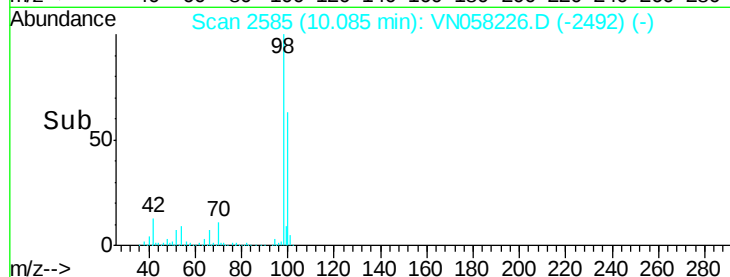
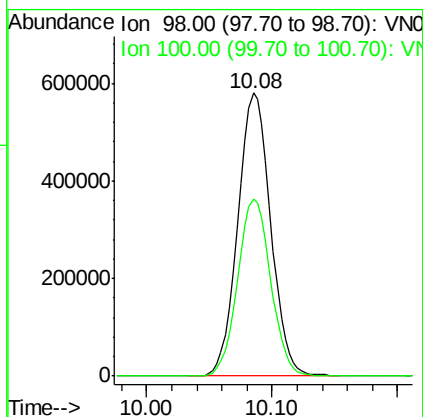
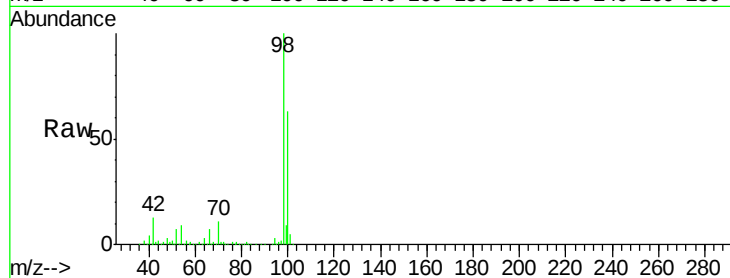
100 63.1 51.1 76.7

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#62

4-Bromofluorobenzene

Concen: 46.155 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058226.D

Acq: 19 Sep 2019 23:40

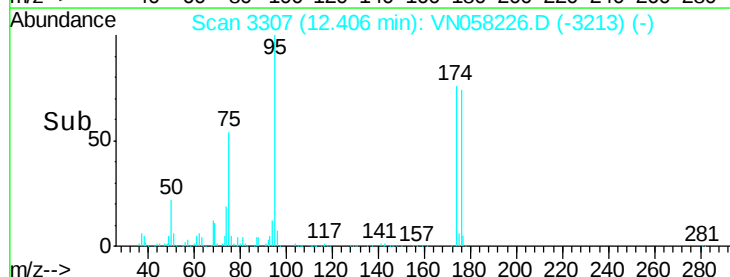
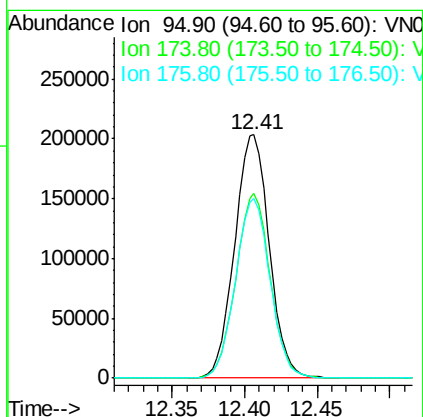
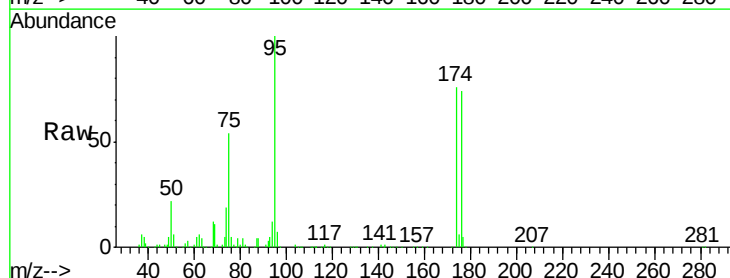
Tgt Ion: 95 Resp: 338225

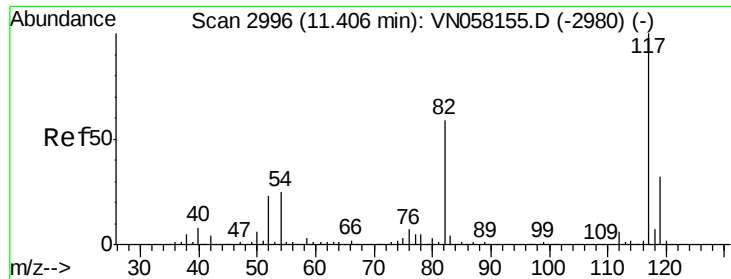
Ion Ratio Lower Upper

95 100

174 75.5 0.0 152.2

176 73.7 0.0 148.0





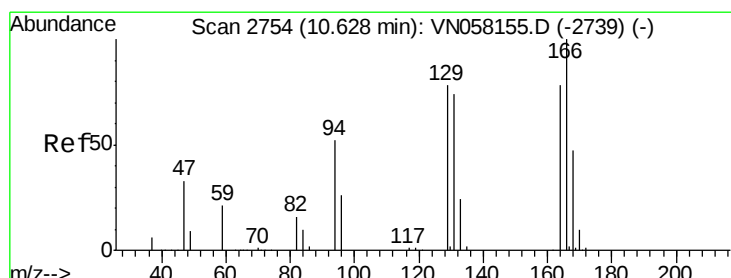
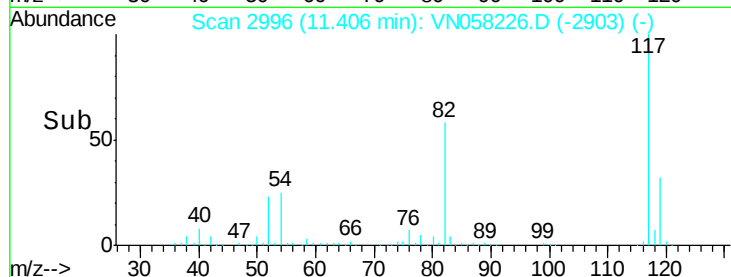
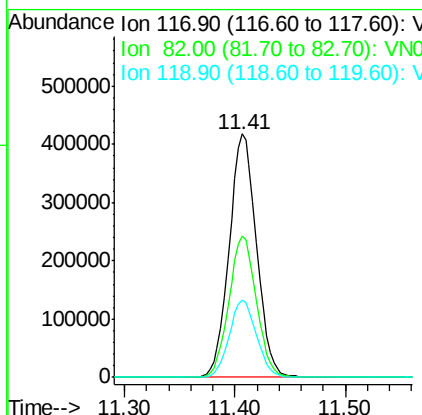
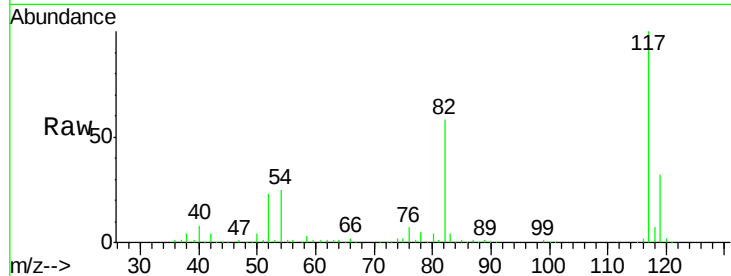
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058226.D
Acq: 19 Sep 2019 23:40

Instrument :
MSVOA_N
ClientSampleId :
RE132D4-20190916

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.9	46.9	70.3
119	31.7	25.3	37.9

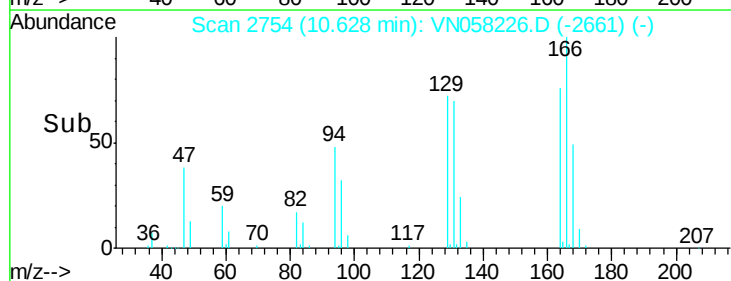
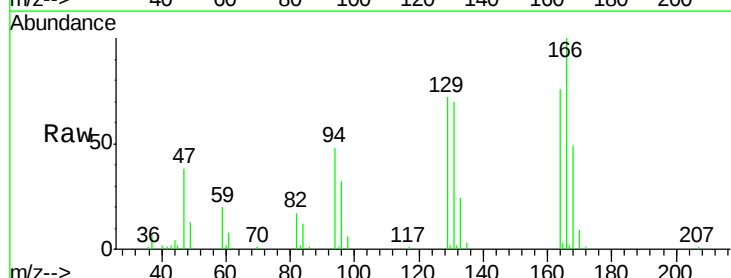
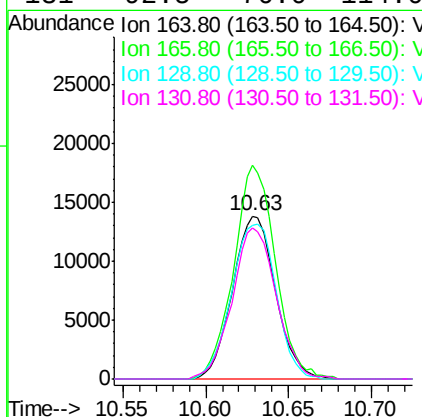
Manual Integrations
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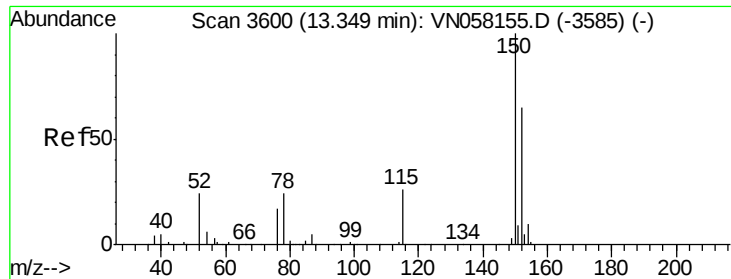
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#64
Tetrachloroethene
Concen: 7.144 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN058226.D
Acq: 19 Sep 2019 23:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.2	102.2	153.4
129	94.5	79.6	119.4
131	92.5	76.0	114.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058226.D

Acq: 19 Sep 2019 23:40

Instrument :

MSVOA_N

ClientSampleId :

RE132D4-20190916

Tot Ion:	152	Resp:	296483
Ion Ratio	Lower	Upper	
152	100		
115	60.8	30.1	90.3
150	155.4	0.0	346.4

Manual Integrations
APPROVED

MMDadoda
9/20/2019 3:36:34 PM

