

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092319\
 Data File : VN058315.D
 Acq On : 24 Sep 2019 00:24
 Operator : JC/SP
 Sample : K5002-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0521

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 12:49:43 AM

Quant Time: Sep 25 12:04:48 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	481023	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	792269	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	675025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	270102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	358409	53.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.00%	
35) Dibromofluoromethane	7.58	113	248951	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
50) Toluene-d8	10.09	98	1002881	53.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.88%	
62) 4-Bromofluorobenzene	12.41	95	310639	44.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.12%	
Target Compounds						
4) Vinyl Chloride	2.17	62	7207m	1.281	ug/l	
12) 1,1-Dichloroethene	3.72	96	3544m	0.851	ug/l	
24) 1,1-Dichloroethane	5.83	63	47170	5.468	ug/l	97
27) cis-1,2-Dichloroethene	6.82	96	142041	29.119	ug/l	89
44) Trichloroethene	8.83	130	3262	0.764	ug/l	85

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

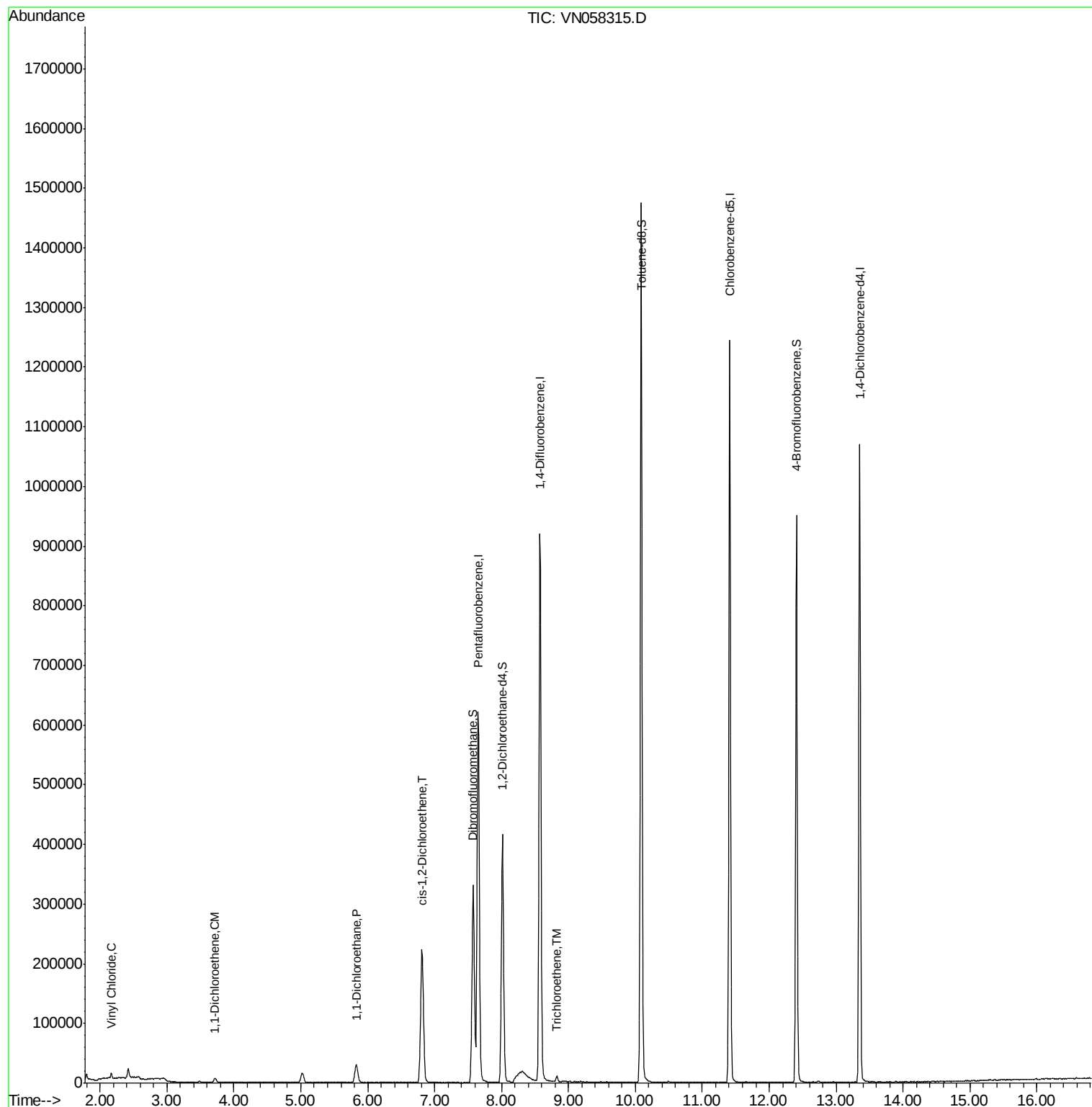
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092319\
Data File : VN058315.D
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Operator : JC/SP
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058315.D

Acq: 24 Sep 2019 00:24

Instrument :

MSVOA_N

ClientSampled :

S49-0521

Tot Ion:168 Resp: 481023

Ion Ratio Lower Upper

168 100

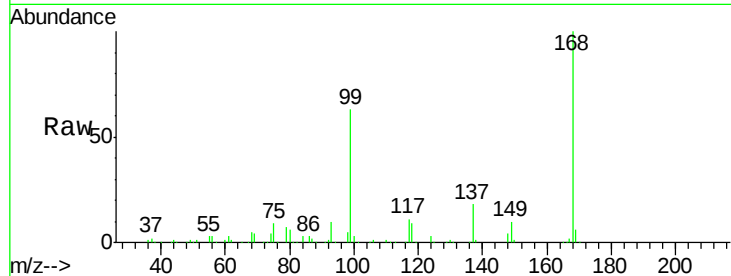
99 62.7 47.4 71.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

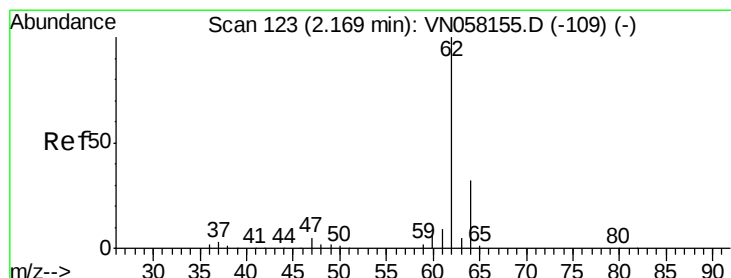
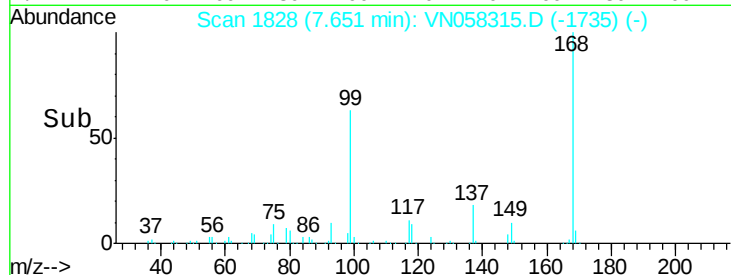
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 1.281 ug/l m

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058315.D

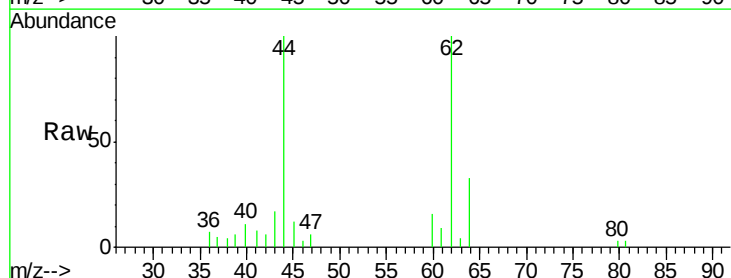
Acq: 24 Sep 2019 00:24

Tgt Ion: 62 Resp: 7207

Ion Ratio Lower Upper

62 100

64 32.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.17

5000

4000

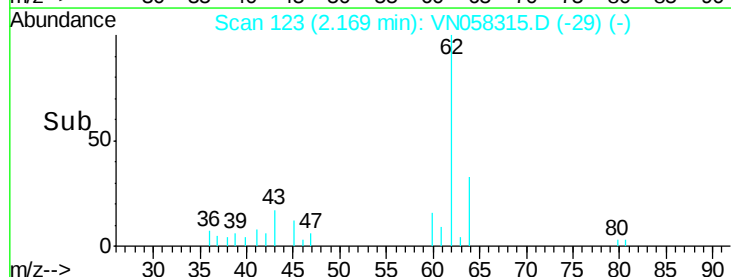
3000

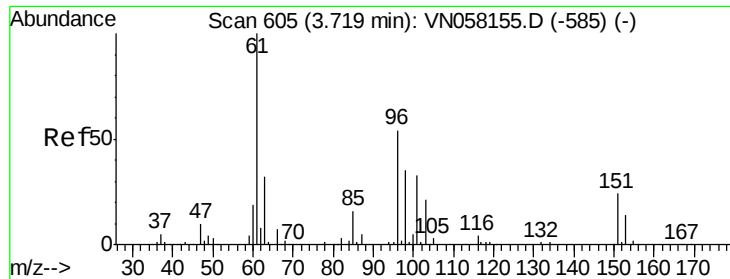
2000

1000

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.851 ug/l m

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN058315.D

Acq: 24 Sep 2019 00:24

Instrument :

MSVOA_N

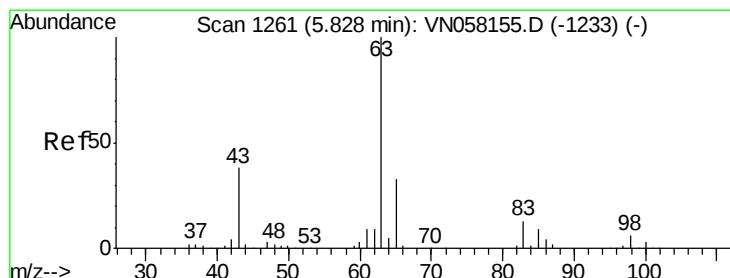
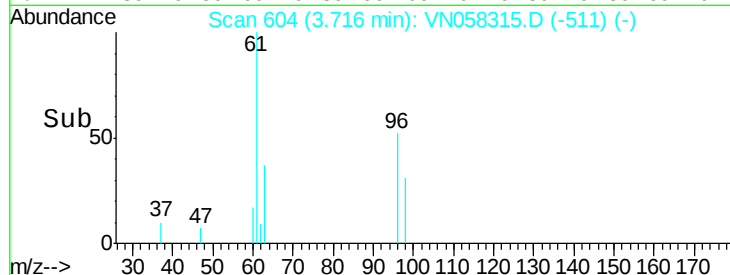
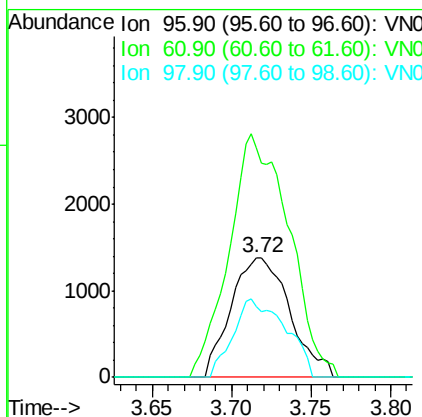
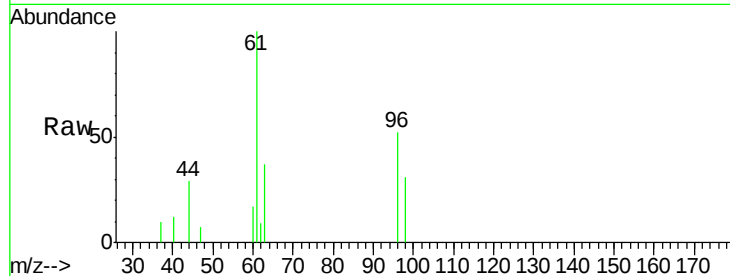
ClientSampled :

S49-0521

Tot Ion:	96	Resp:	3544
Ion	Ratio	Lower	Upper
96	100		
61	191.3	149.5	224.3
98	59.1	52.4	78.6

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#24

1,1-Dichloroethane

Concen: 5.468 ug/l

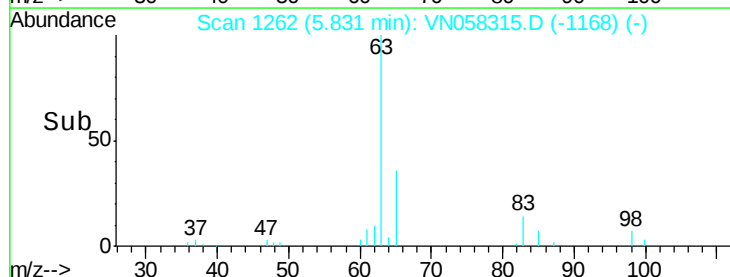
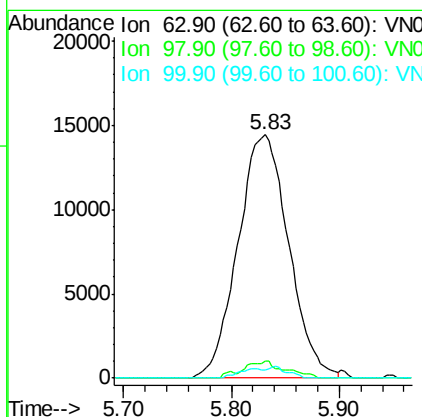
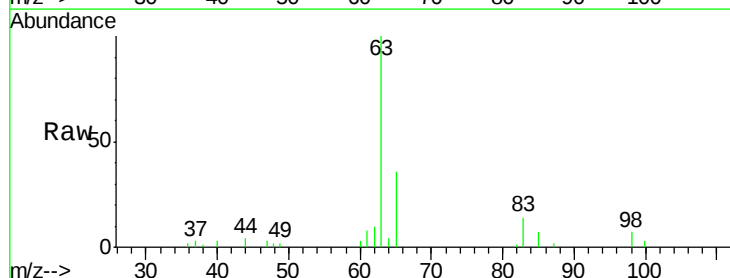
RT: 5.83 min Scan# 1262

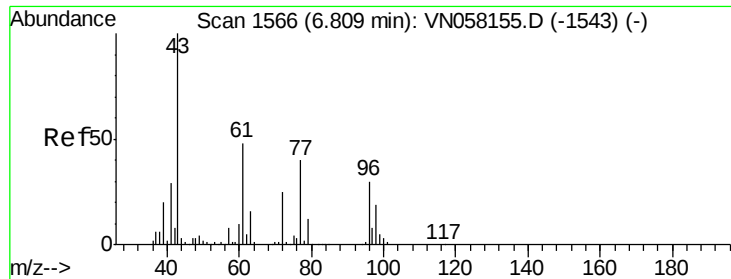
Delta R.T. 0.00 min

Lab File: VN058315.D

Acq: 24 Sep 2019 00:24

Tgt Ion:	63	Resp:	47170
Ion	Ratio	Lower	Upper
63	100		
98	6.8	2.9	8.6
100	3.1	1.8	5.3





#27

cis-1,2-Dichloroethene

Concen: 29.119 ug/l

RT: 6.82 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VN058315.D

Acq: 24 Sep 2019 00:24

Instrument :

MSVOA_N

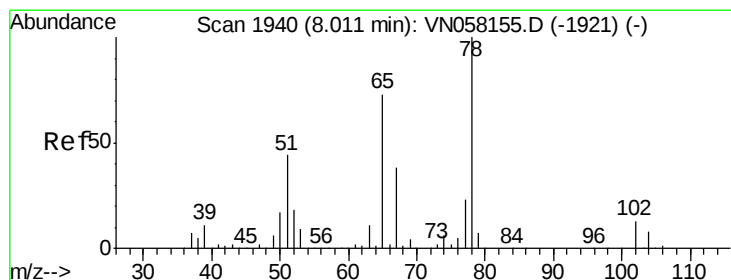
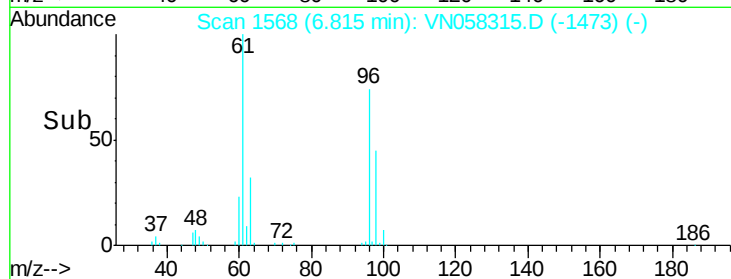
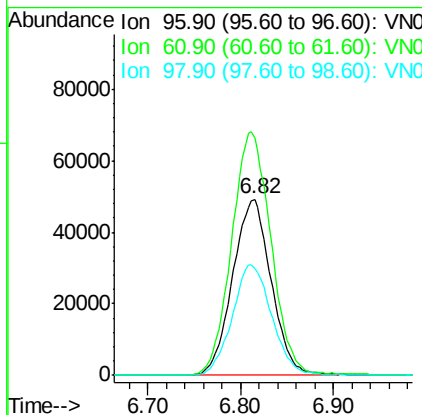
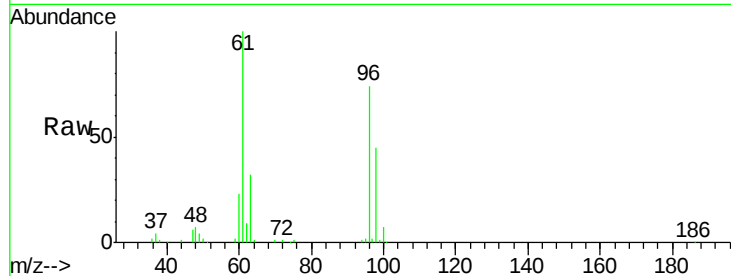
ClientSampleId :

S49-0521

Tot Ion:	96	Resp:	142041
Ion	Ratio	Lower	Upper
96	100		
61	140.5	0.0	319.0
98	64.2	0.0	126.6

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#33

1,2-Dichloroethane-d4

Concen: 53.496 ug/l

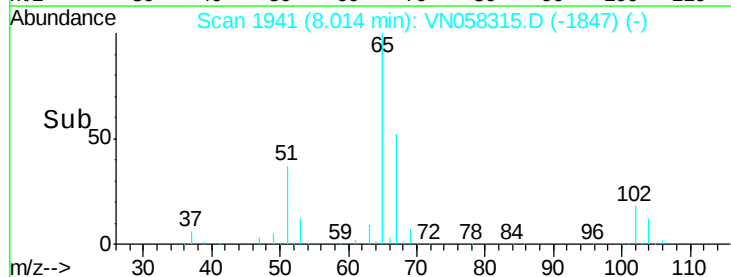
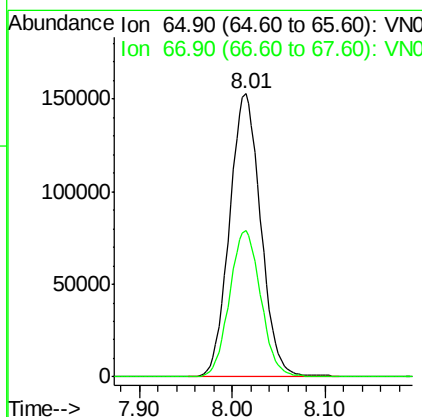
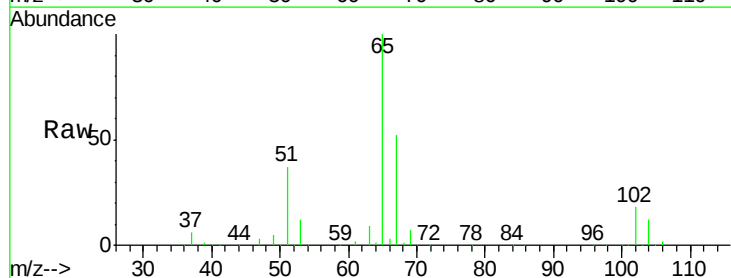
RT: 8.01 min Scan# 1941

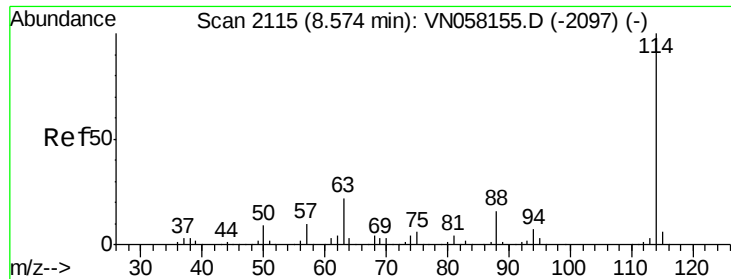
Delta R.T. 0.00 min

Lab File: VN058315.D

Acq: 24 Sep 2019 00:24

Tgt Ion:	65	Resp:	358409
Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	103.4





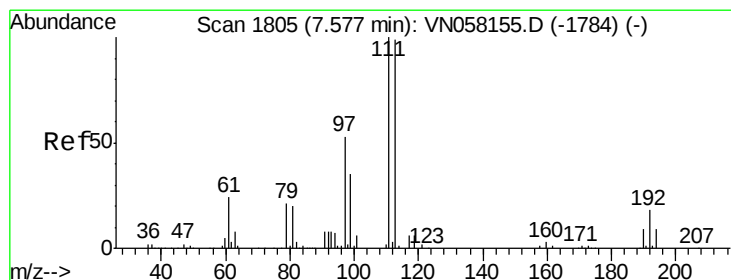
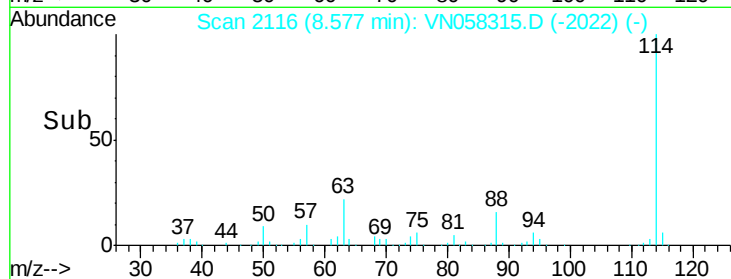
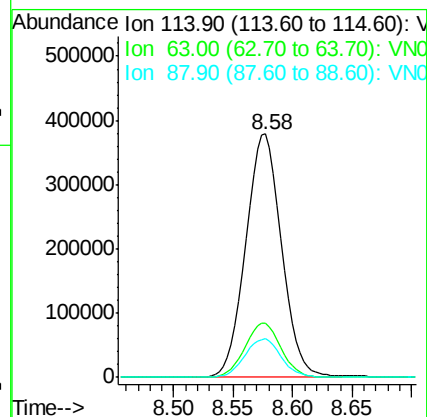
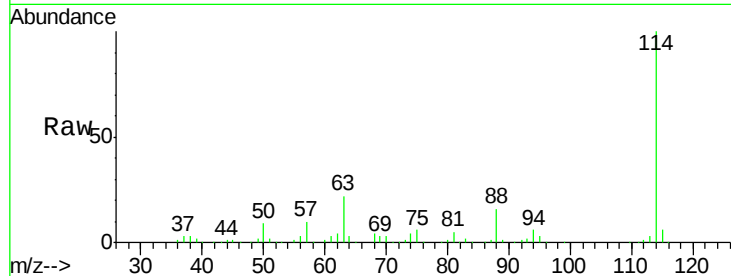
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN058315.D
Acq: 24 Sep 2019 00:24

Instrument :
MSVOA_N
ClientSampleId :
S49-0521

Tot Ion	Ratio	Resp	Lower	Upper
114	100	792269		
63	22.0		0.0	44.2
88	15.7		0.0	31.6

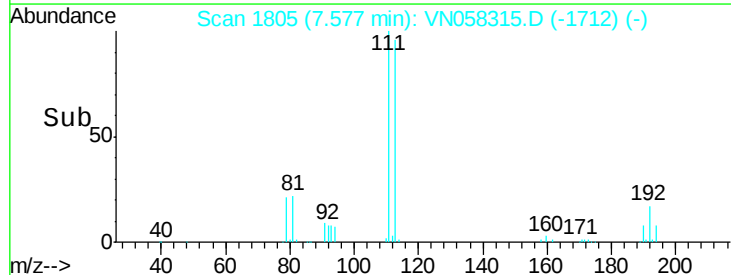
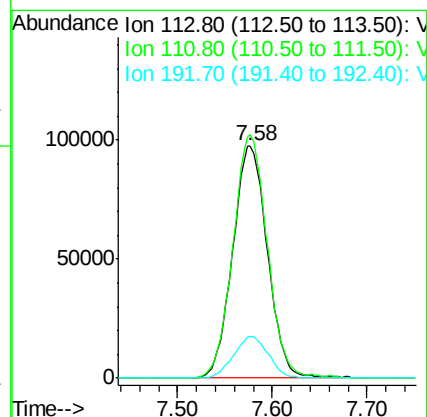
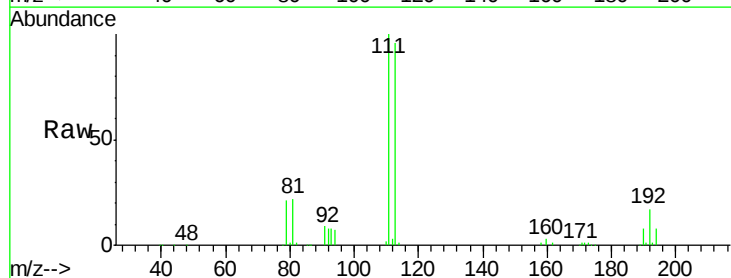
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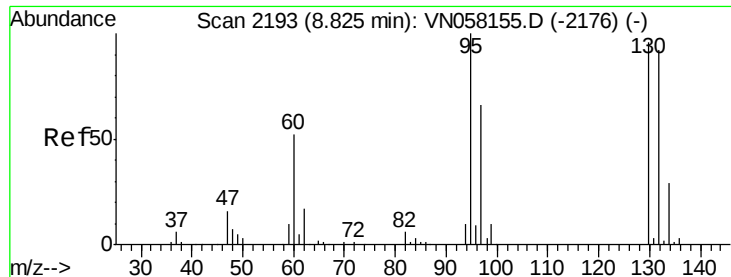
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#35
Dibromofluoromethane
Concen: 51.689 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN058315.D
Acq: 24 Sep 2019 00:24

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	248951		
111	103.6		81.8	122.6
192	18.0		14.5	21.7





#44

Trichloroethene

Concen: 0.764 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. 0.01 min

Lab File: VN058315.D

Acq: 24 Sep 2019 00:24

Instrument :

MSVOA_N

ClientSampleId :

S49-0521

Tot Ion:130 Resp: 3262

Ion Ratio Lower Upper

130 100

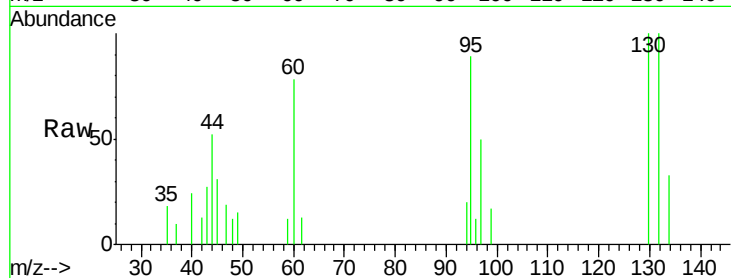
95 89.0 0.0 207.8

Manual Integrations

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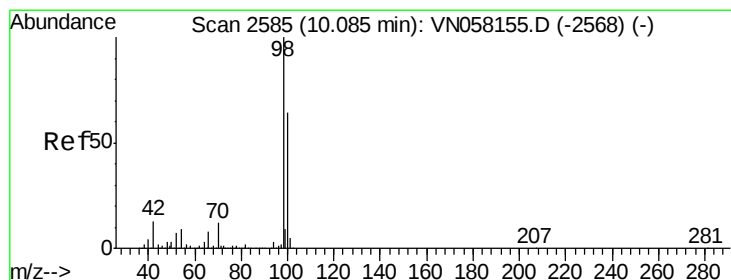
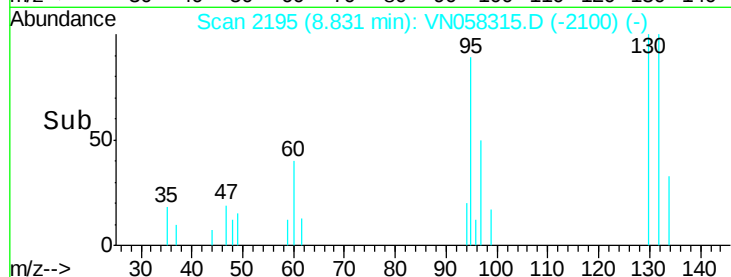
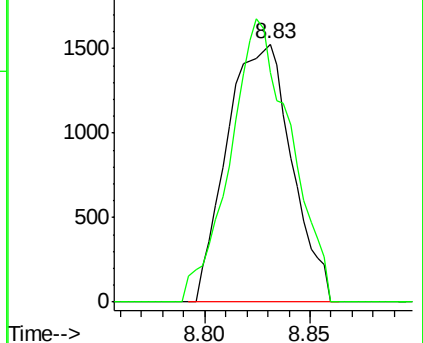
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 53.443 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058315.D

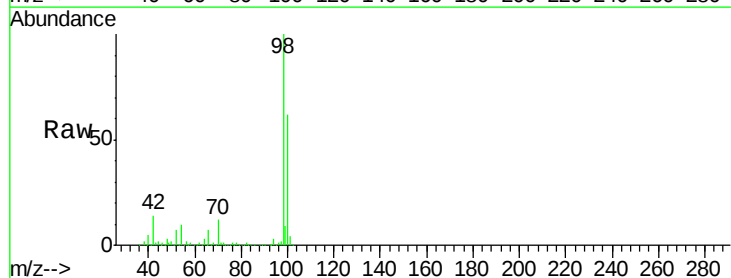
Acq: 24 Sep 2019 00:24

Tgt Ion: 98 Resp: 1002881

Ion Ratio Lower Upper

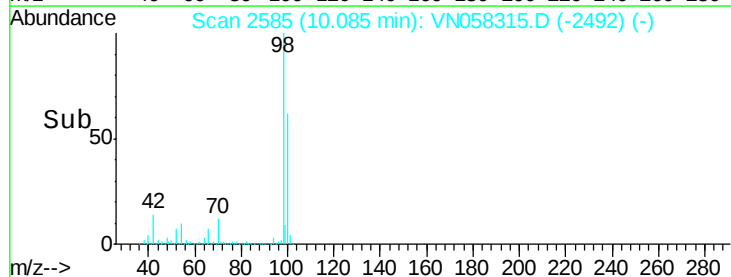
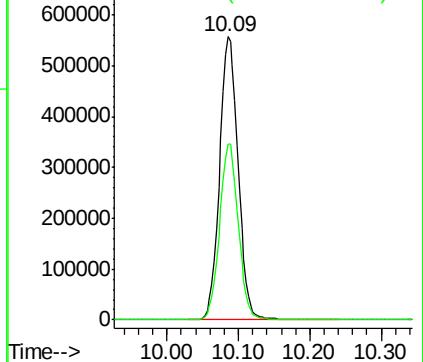
98 100

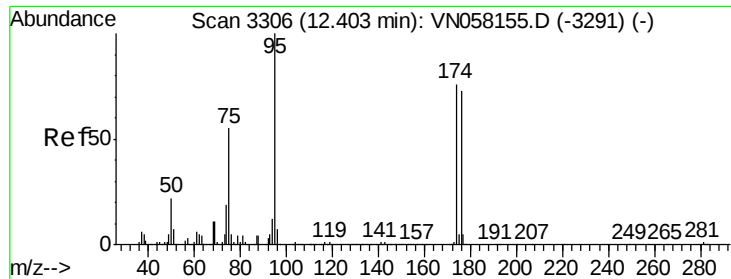
100 62.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 44.564 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058315.D

Acq: 24 Sep 2019 00:24

Instrument :

MSVOA_N

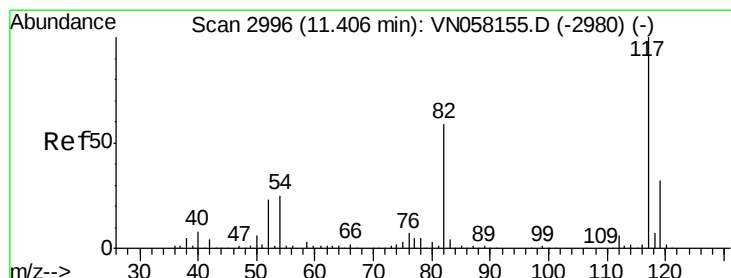
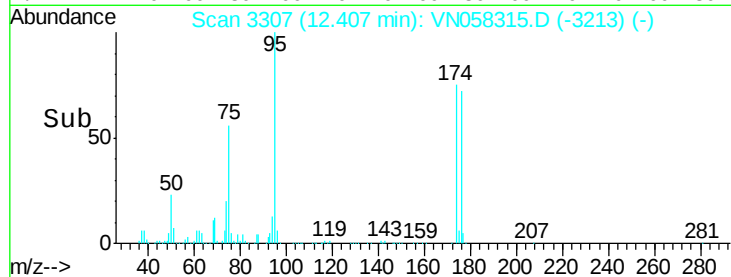
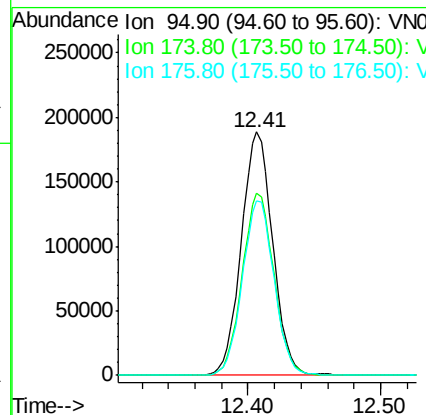
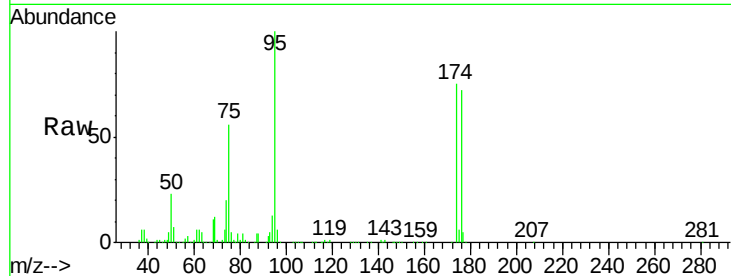
ClientSampled :

S49-0521

Tot Ion:	95	Resp:	310639
Ion Ratio	Lower	Upper	
95	100		
174	75.4	0.0	152.2
176	72.5	0.0	148.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

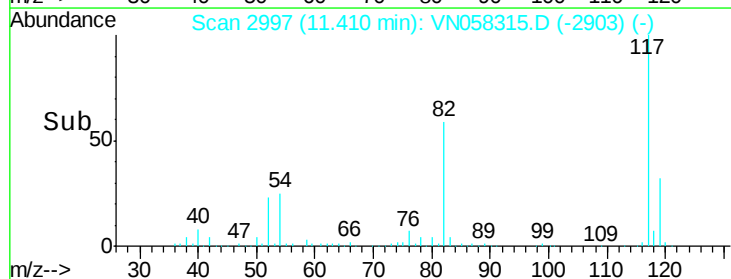
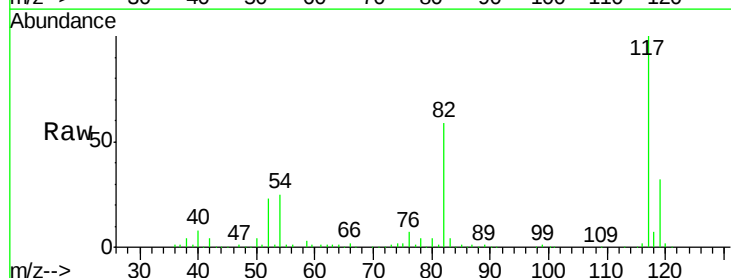
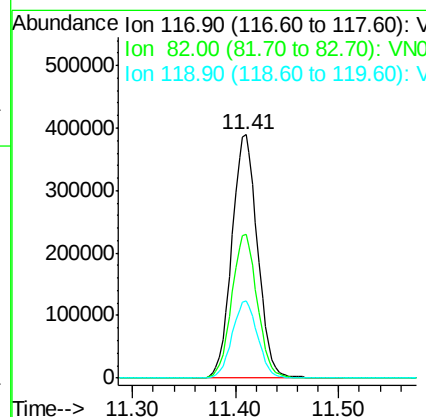
RT: 11.41 min Scan# 2997

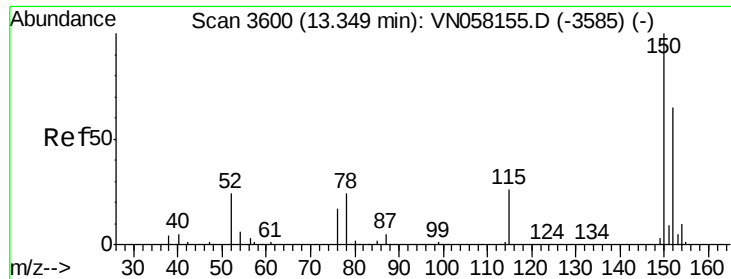
Delta R.T. 0.00 min

Lab File: VN058315.D

Acq: 24 Sep 2019 00:24

Tgt Ion:	117	Resp:	675025
Ion Ratio	Lower	Upper	
117	100		
82	59.1	46.9	70.3
119	31.6	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: VN058315.D

Acq: 24 Sep 2019 00:24

Instrument :

MSVOA_N

ClientSampleId :

S49-0521

Tot Ion:152 Resp: 270102

Ion Ratio Lower Upper

152 100

115 60.3 30.1 90.3

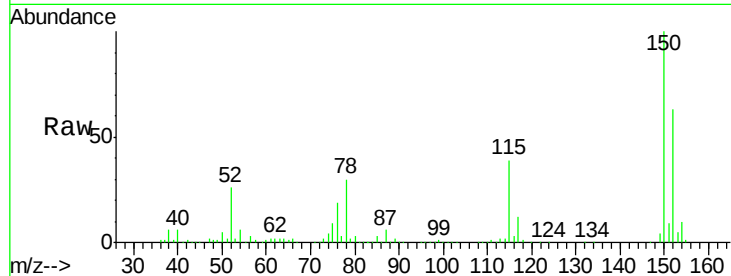
150 156.7 0.0 346.4

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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

