

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111419\
 Data File : VN059231.D
 Acq On : 14 Nov 2019 14:15
 Operator : JC/SP
 Sample : K5843-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-318A-SRI4

Manual Integrations
 APPROVED

MMDadoda
 11/15/2019 11:39:29 AM

Quant Time: Nov 15 07:42:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	499247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	771454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	680585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	258081	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	308553	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
35) Dibromofluoromethane	7.57	113	245189	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.46%	
50) Toluene-d8	10.08	98	959807	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.40	95	319382	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.73	101	11725	2.452	ug/l	96
12) 1,1-Dichloroethene	3.71	96	4559	0.979	ug/l	94
16) Acetone	3.80	43	11969	3.750	ug/l	95
19) Methyl tert-butyl Ether	5.01	73	22653	1.413	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	4696m	0.810	ug/l	
30) Chloroform	7.35	83	28827	2.978	ug/l	96
38) Carbon Tetrachloride	7.75	117	2708	0.377	ug/l #	77
44) Trichloroethene	8.82	130	104596	19.595	ug/l	98
64) Tetrachloroethene	10.63	164	135877	29.361	ug/l	97

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

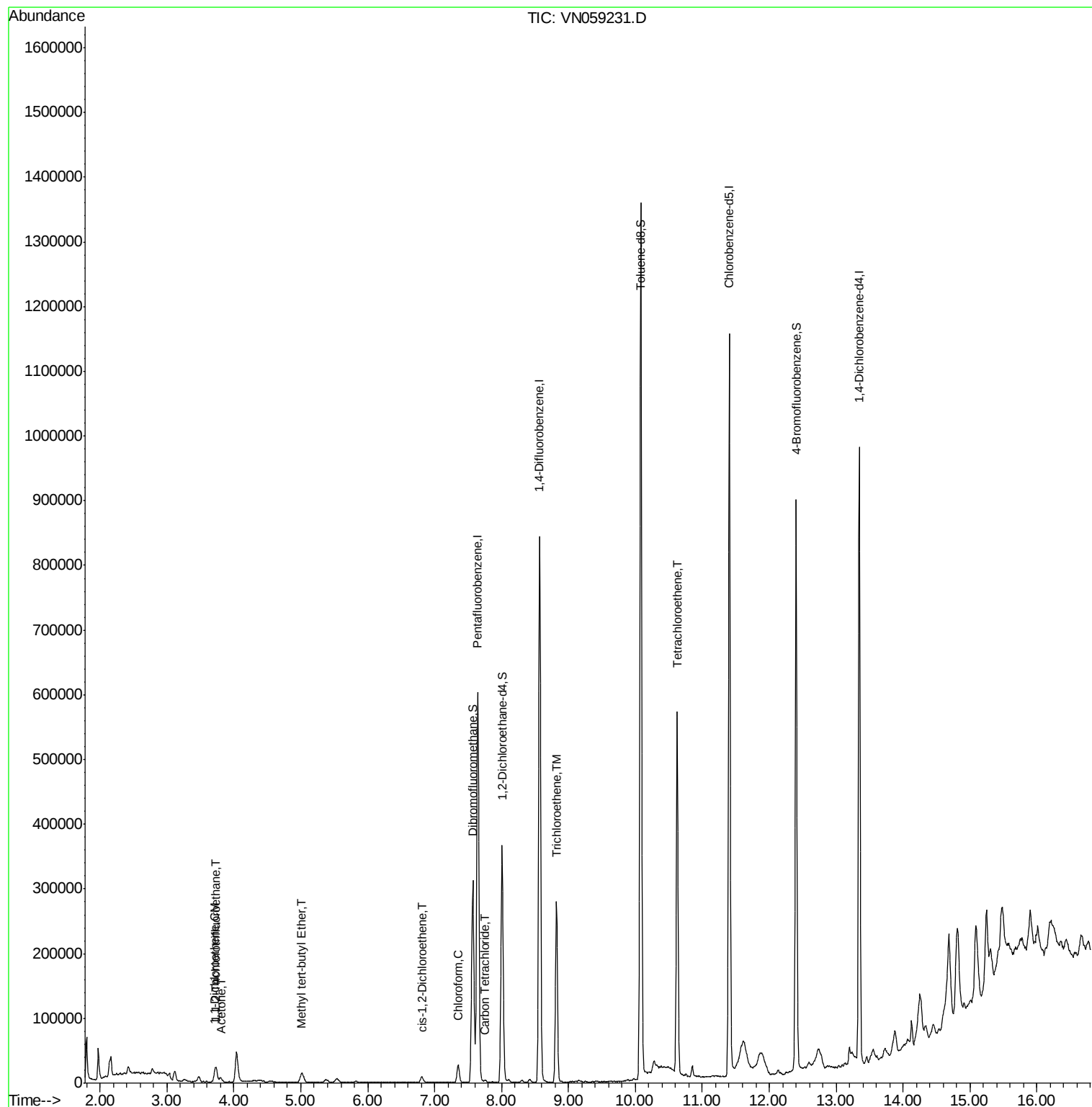
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111419\
Data File : VN059231.D
Acq On : 14 Nov 2019 14:15
Operator : JC/SP
Sample : K5843-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

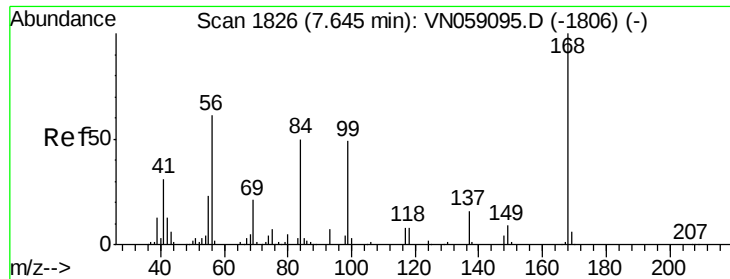
Instrument :
MSVOA_N
ClientSampleId :
MW-318A-SRI4

Manual Integrations
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Quant Time: Nov 15 07:42:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059231.D

Acq: 14 Nov 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

MW-318A-SRI4

Tot Ion:168 Resp: 499247

Ion Ratio Lower Upper

168 100

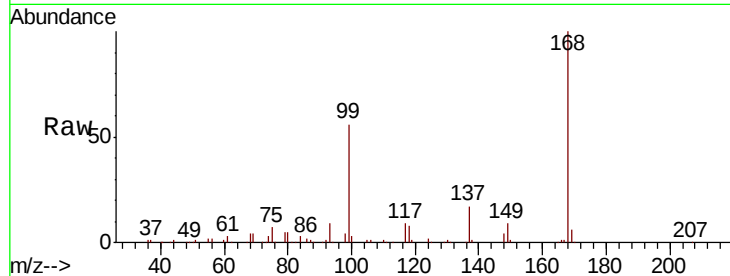
99 55.9 45.7 68.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

250000

200000

150000

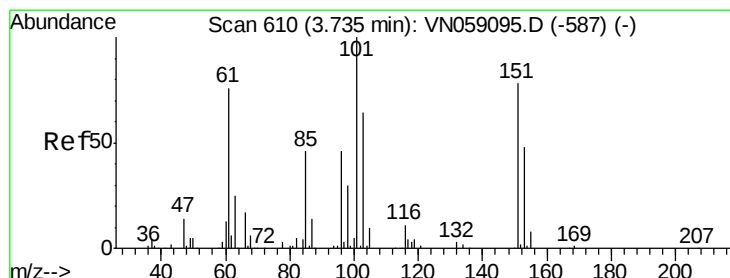
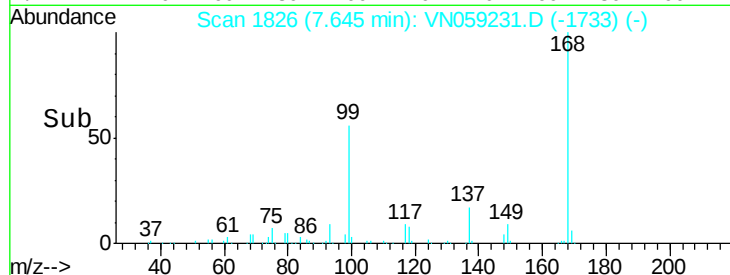
100000

50000

0

7.60 7.70

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.452 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN059231.D

Acq: 14 Nov 2019 14:15

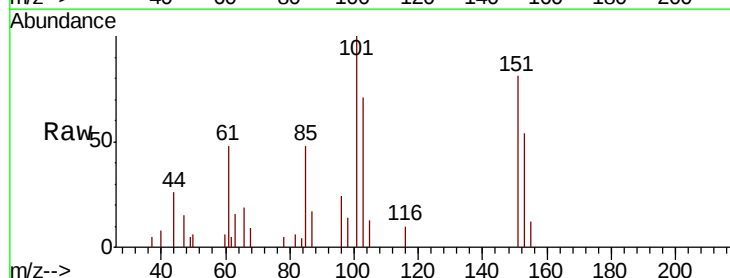
Tgt Ion:101 Resp: 11725

Ion Ratio Lower Upper

101 100

85 45.4 35.5 53.3

151 82.6 62.2 93.2



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

5000

4000

3000

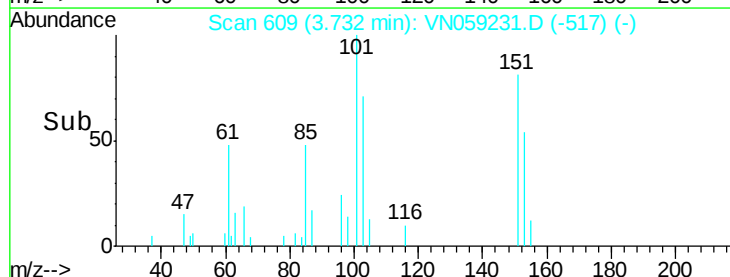
2000

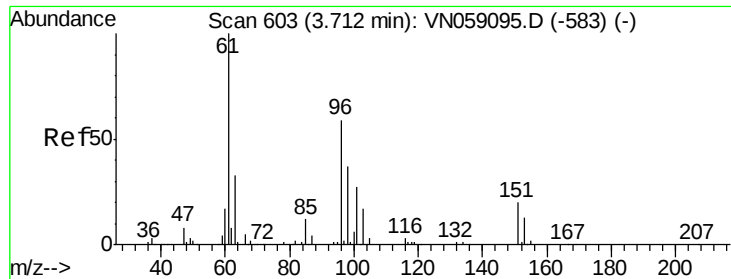
1000

0

3.65 3.70 3.75 3.80

Time-->





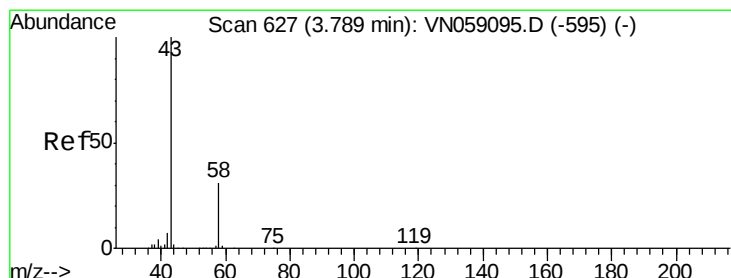
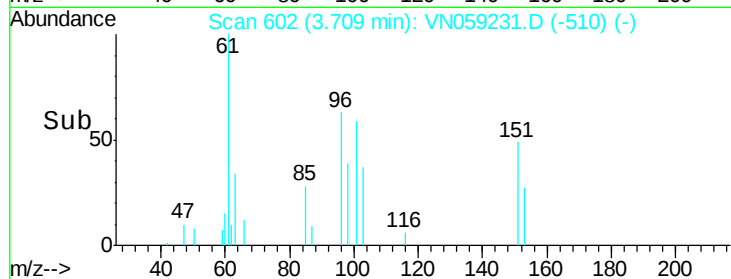
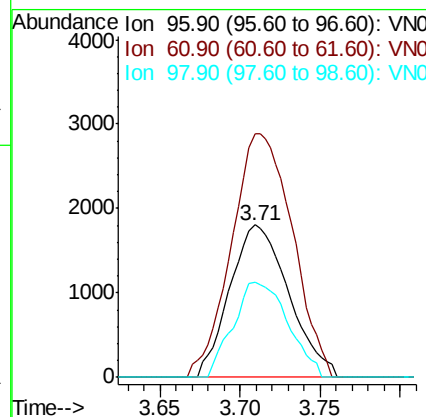
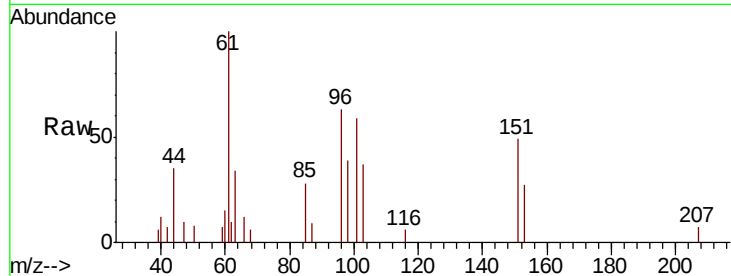
#12
 1,1-Dichloroethene
 Concen: 0.979 ug/l
 RT: 3.71 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: VN059231.D
 Acq: 14 Nov 2019 14:15

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-318A-SRI4

Tot Ion	Ratio	Lower	Upper
96	100		
61	160.0	136.5	204.7
98	62.5	50.2	75.4

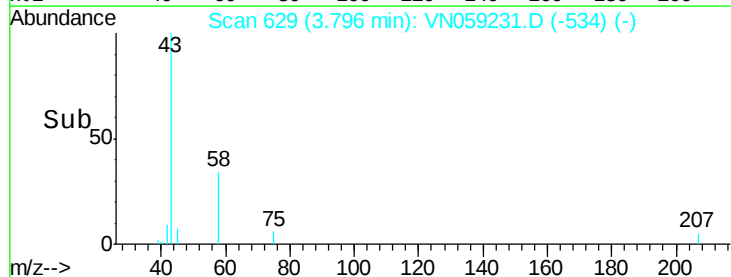
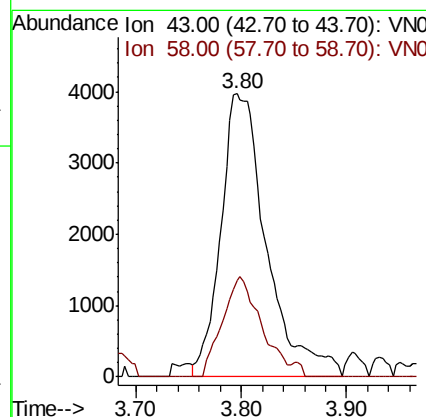
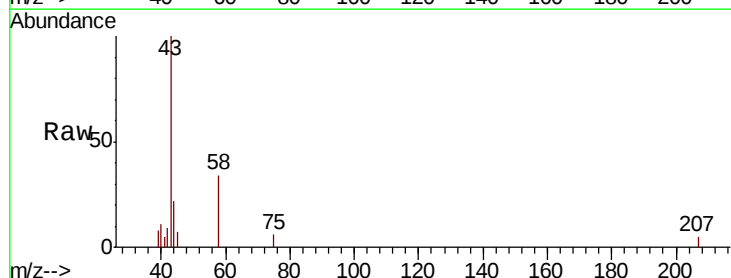
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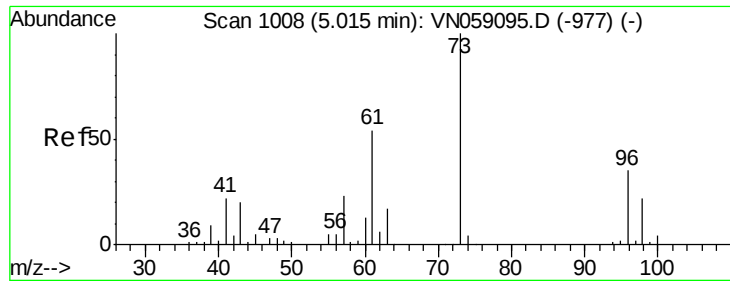
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#16
 Acetone
 Concen: 3.750 ug/l
 RT: 3.80 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: VN059231.D
 Acq: 14 Nov 2019 14:15

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.1	24.9	37.3





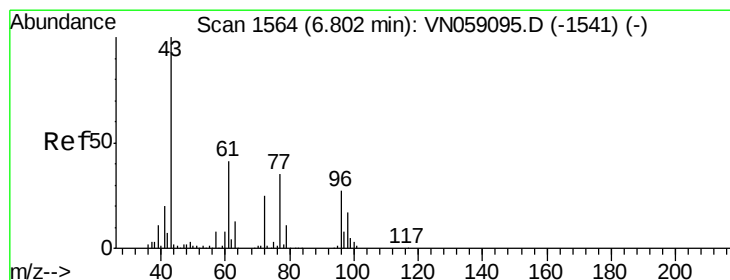
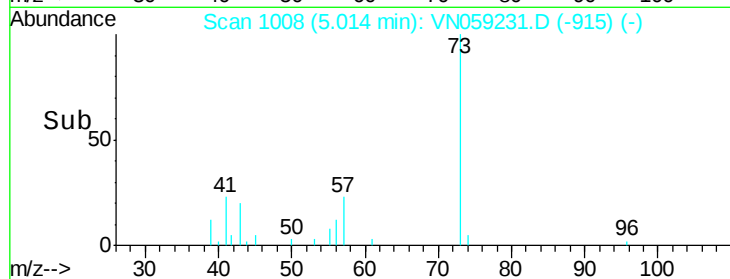
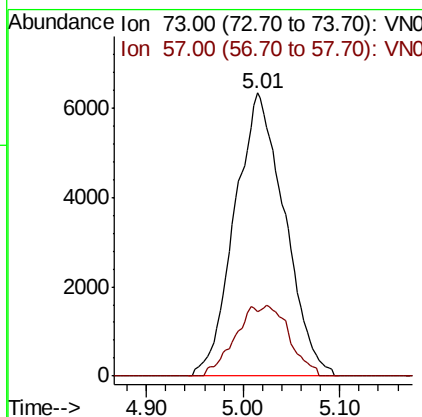
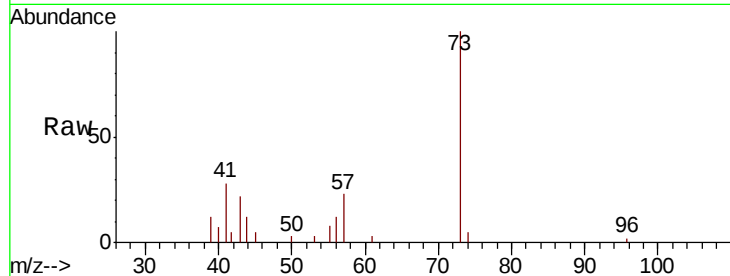
#19
Methvl tert-butvl Ether
Concen: 1.413 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN059231.D
Acq: 14 Nov 2019 14:15

Instrument :
MSVOA_N
ClientSampleId :
MW-318A-SRI4

Tot Ion: 73 Resp: 22653
Ion Ratio Lower Upper
73 100
57 22.7 18.4 27.6

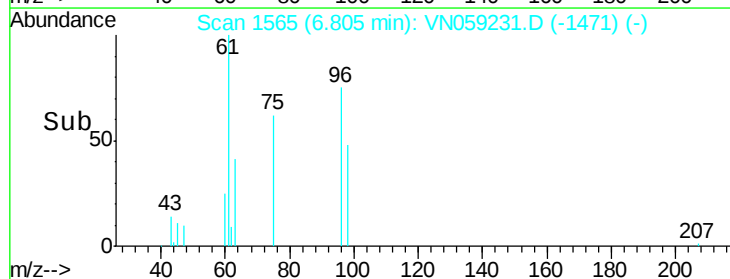
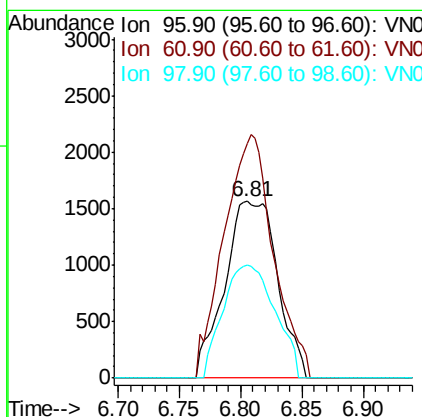
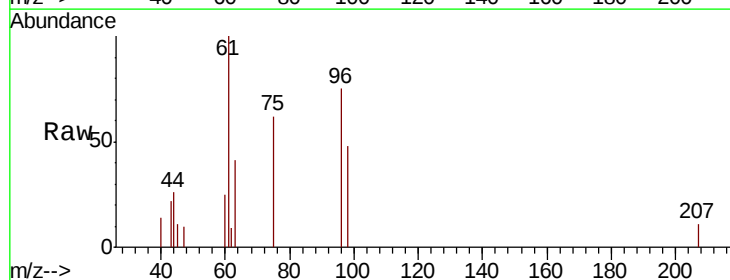
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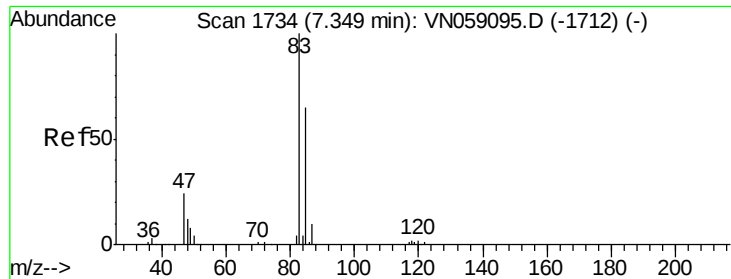
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#27
cis-1,2-Dichloroethene
Concen: 0.810 ug/l m
RT: 6.81 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VN059231.D
Acq: 14 Nov 2019 14:15

Tgt Ion: 96 Resp: 4696
Ion Ratio Lower Upper
96 100
61 128.7 0.0 311.6
98 62.8 0.0 129.8





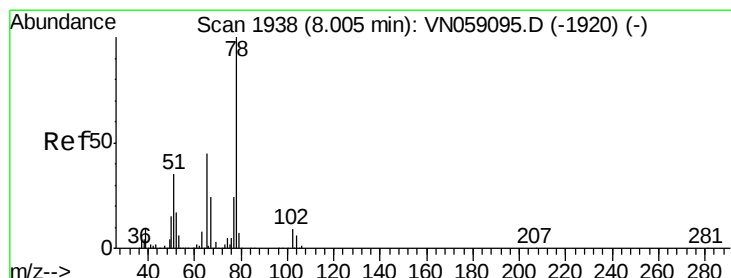
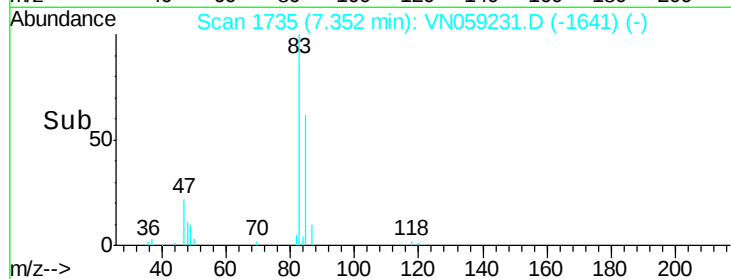
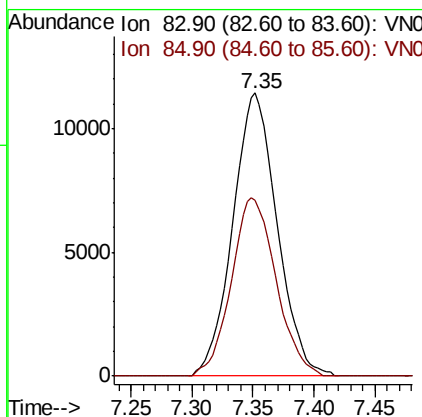
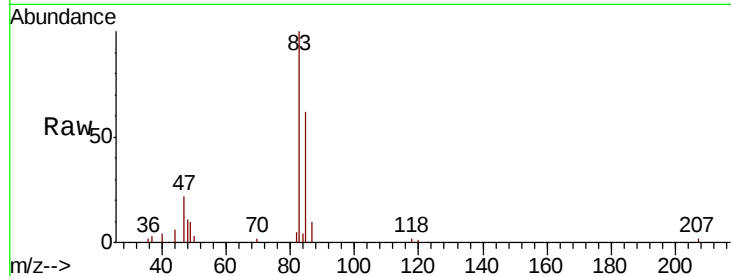
#30
Chloroform
Concen: 2.978 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN059231.D
Acq: 14 Nov 2019 14:15

Instrument :
MSVOA_N
ClientSampleId :
MW-318A-SRI4

Tot Ion	83	85	Ratio	Lower	Upper
28827	100	61.9		51.8	77.8

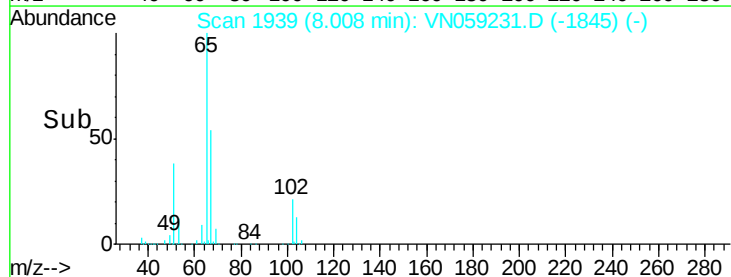
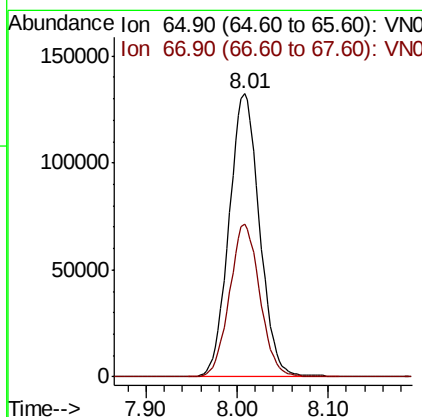
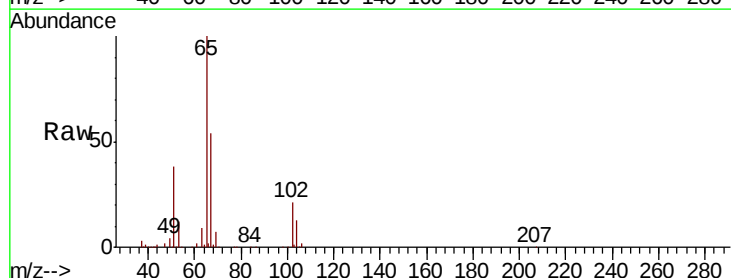
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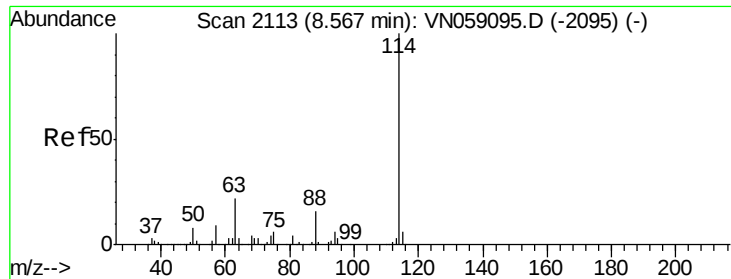
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#33
1,2-Dichloroethane-d4
Concen: 50.277 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059231.D
Acq: 14 Nov 2019 14:15

Tgt Ion	65	67	Ratio	Lower	Upper
308553	100	53.7		0.0	107.4





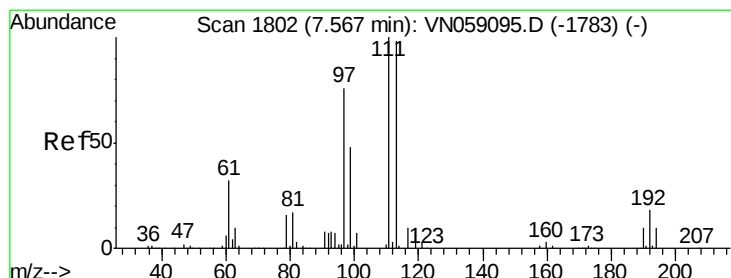
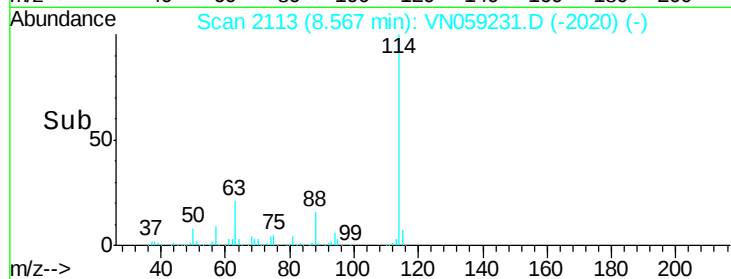
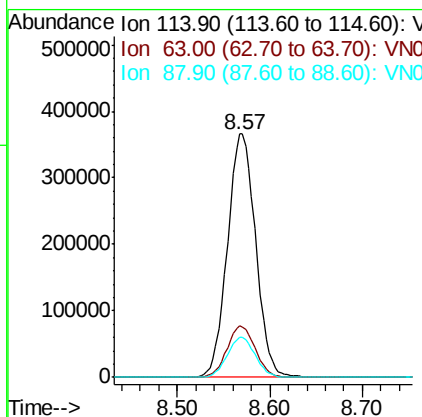
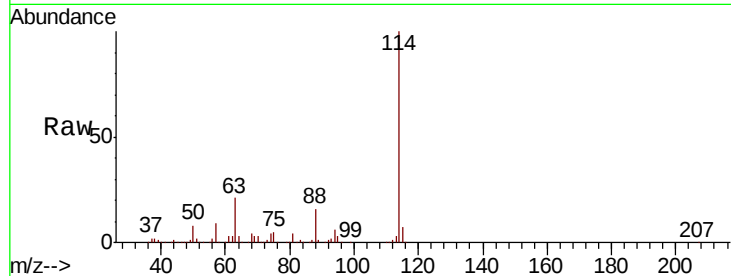
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN059231.D
Acq: 14 Nov 2019 14:15

Instrument :
MSVOA_N
ClientSampleId :
MW-318A-SRI4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
771454	114	100			
	63	21.0	0.0	43.4	
	88	16.4	0.0	32.2	

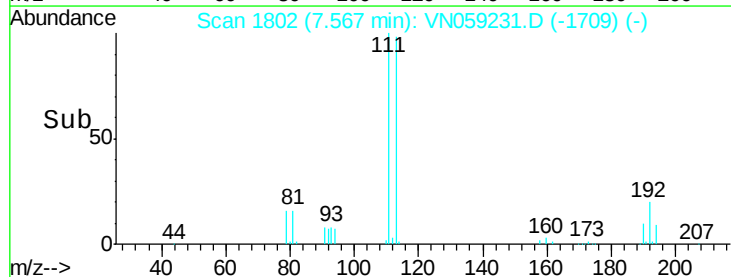
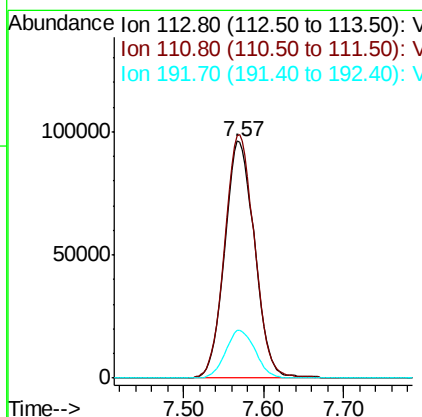
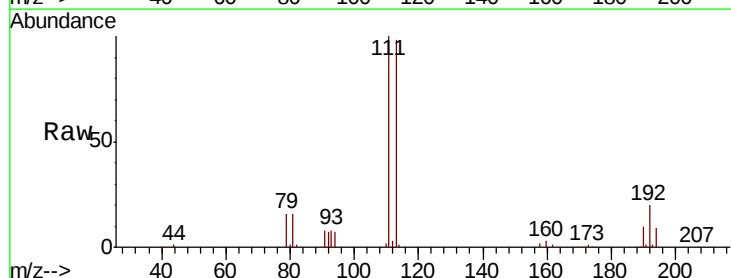
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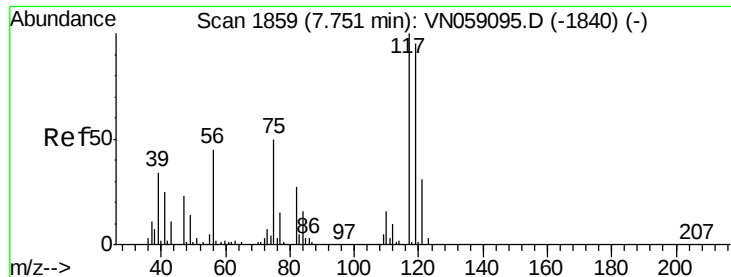
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#35
Dibromofluoromethane
Concen: 53.229 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059231.D
Acq: 14 Nov 2019 14:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
245189	113	100			
	111	102.3	82.8	124.2	
	192	20.0	16.1	24.1	





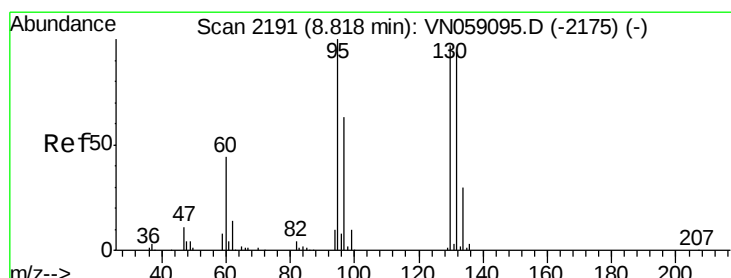
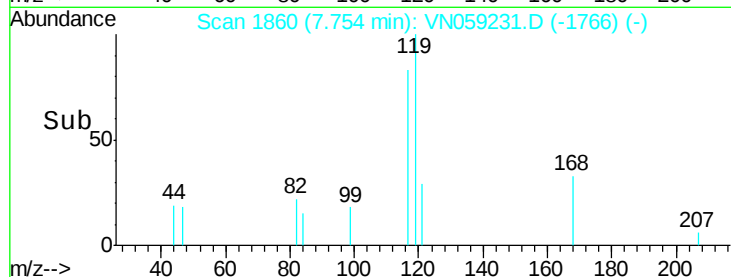
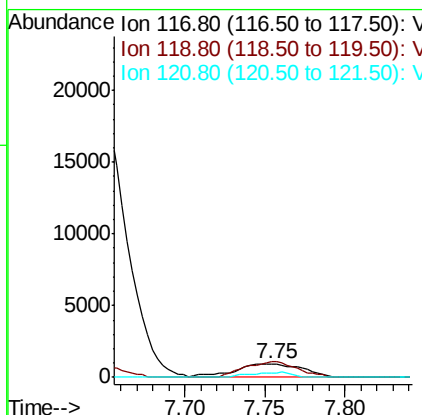
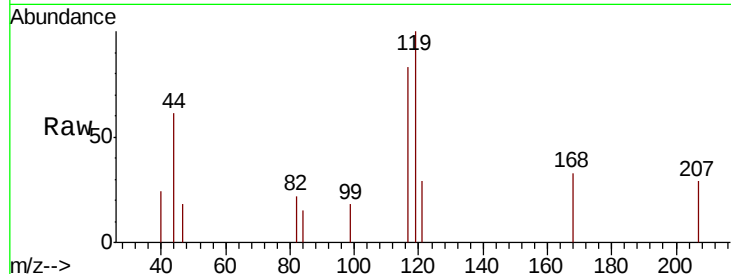
#38
Carbon Tetrachloride
Concen: 0.377 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059231.D
Acq: 14 Nov 2019 14:15

Instrument :
MSVOA_N
ClientSampleId :
MW-318A-SRI4

Tot Ion	Ratio	Lower	Upper
117	100		
119	121.2	75.6	113.4#
121	35.5	24.6	36.8

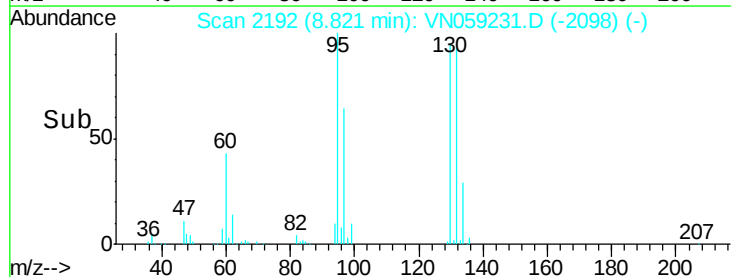
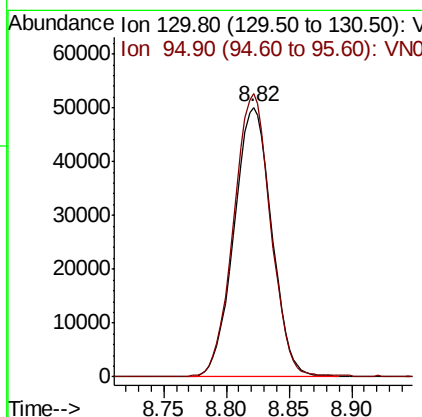
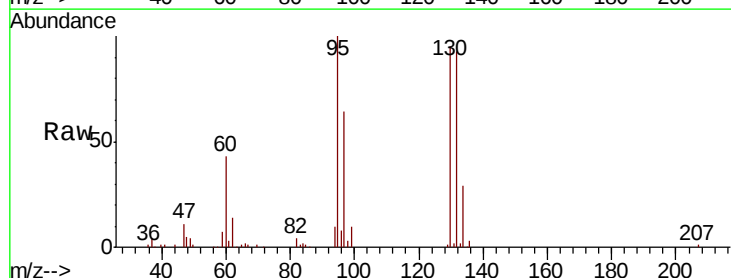
Manual Integrations
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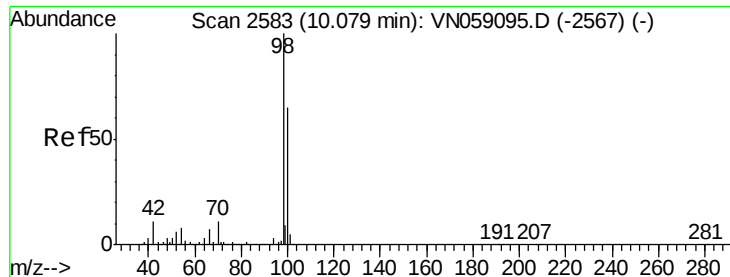
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11/15/2019 11:39:29 AM



#44
Trichloroethene
Concen: 19.595 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. 0.00 min
Lab File: VN059231.D
Acq: 14 Nov 2019 14:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.1	0.0	206.4





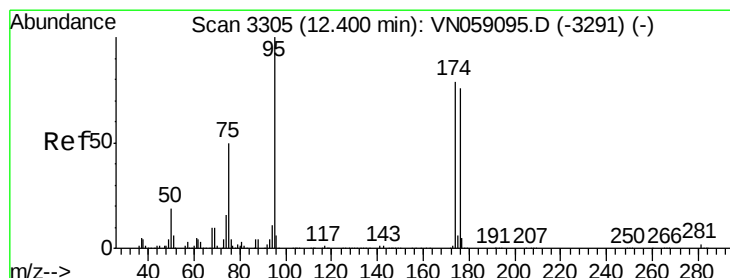
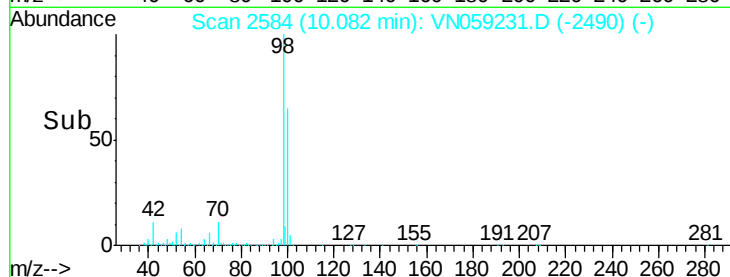
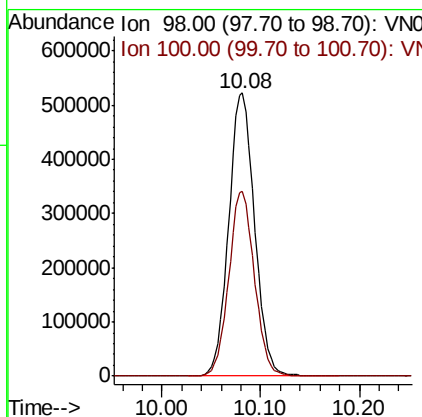
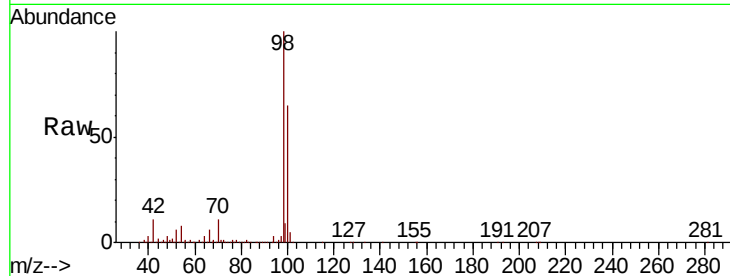
#50
Toluene-d8
Concen: 52.900 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059231.D
Acq: 14 Nov 2019 14:15

Instrument :
MSVOA_N
ClientSampleId :
MW-318A-SRI4

Tot Ion: 98 Resp: 959807
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2

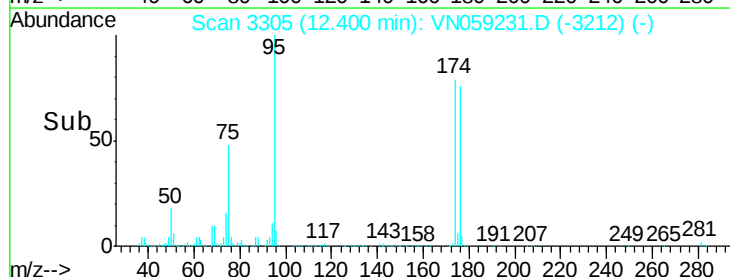
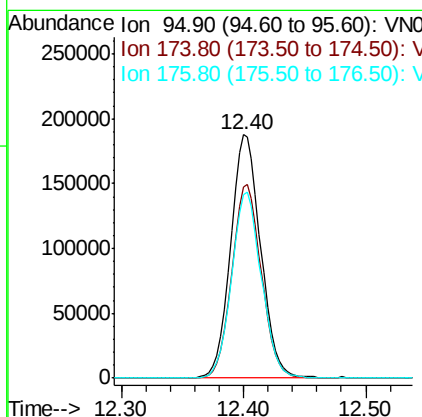
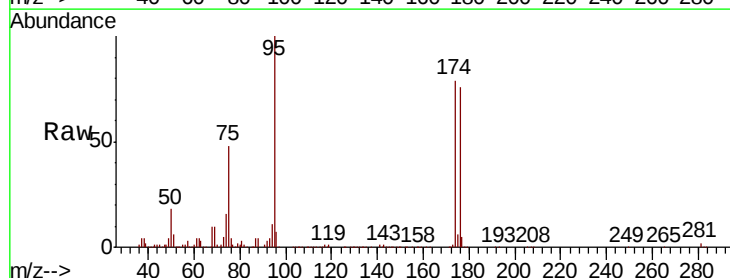
Manual Integrations
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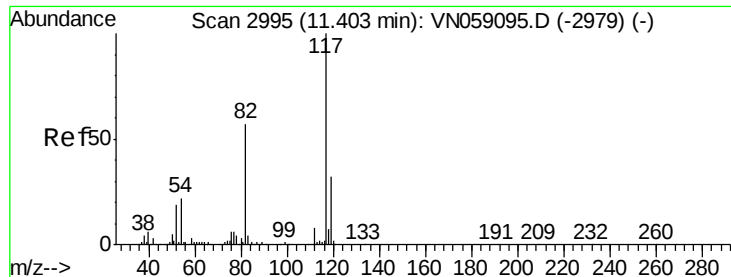
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11/15/2019 11:39:29 AM



#62
4-Bromofluorobenzene
Concen: 48.820 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059231.D
Acq: 14 Nov 2019 14:15

Tgt Ion: 95 Resp: 319382
Ion Ratio Lower Upper
95 100
174 78.8 0.0 158.2
176 76.0 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059231.D

Acq: 14 Nov 2019 14:15

Instrument :

MSVOA_N

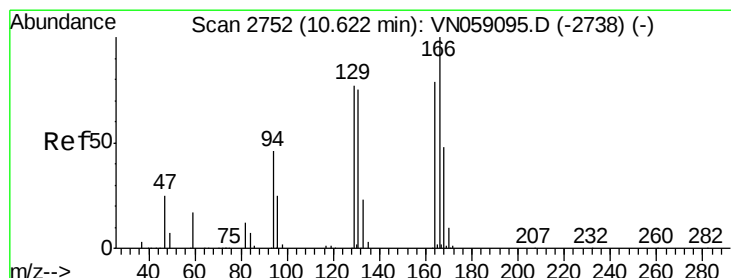
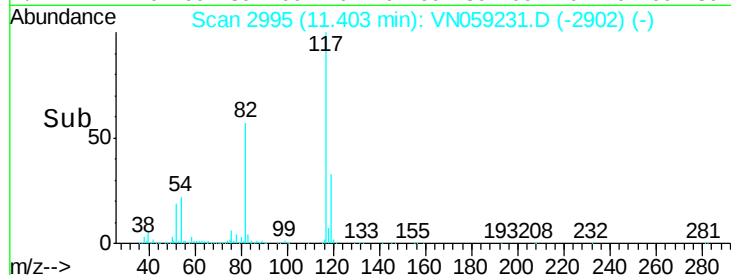
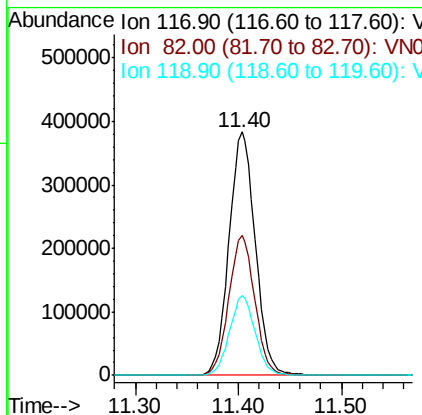
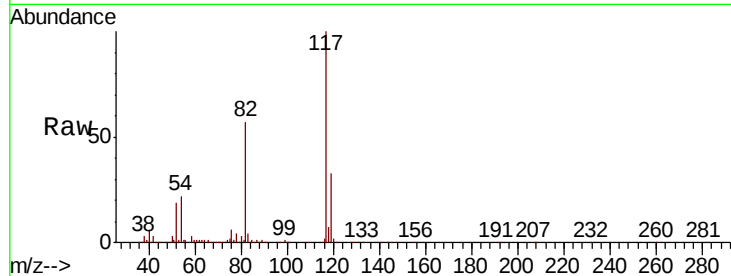
ClientSampleId :

MW-318A-SRI4

Tot Ion:	117	Resp:	680585
Ion Ratio		Lower	Upper
117	100		
82	57.4	45.8	68.8
119	32.7	25.8	38.6

Manual Integrations
APPROVED

MMDadoda
11/15/2019 11:39:29 AM



#64

Tetrachloroethene

Concen: 29.361 ug/l

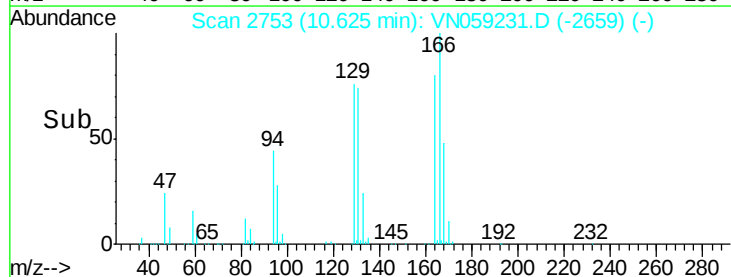
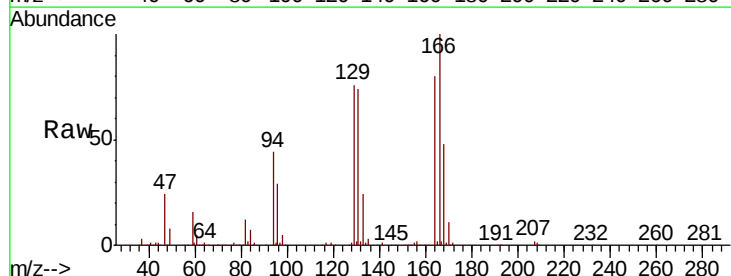
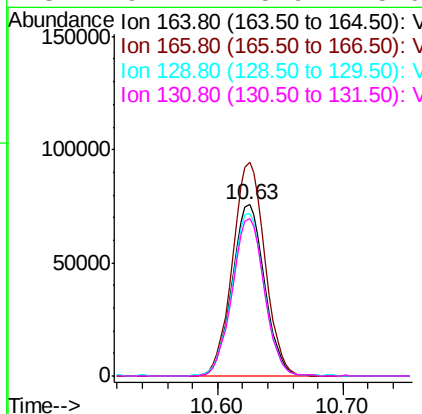
RT: 10.63 min Scan# 2753

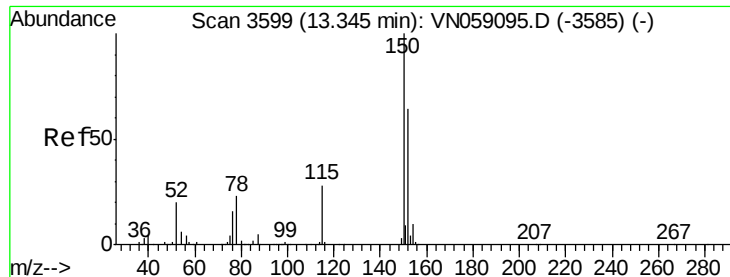
Delta R.T. 0.00 min

Lab File: VN059231.D

Acq: 14 Nov 2019 14:15

Tgt Ion:	164	Resp:	135877
Ion Ratio		Lower	Upper
164	100		
166	124.6	101.5	152.3
129	94.5	78.3	117.5
131	92.1	75.9	113.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059231.D

Acq: 14 Nov 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

MW-318A-SRI4

Tot Ion	Ratio	Resp	Lower	Upper
152	100	258081		
115	60.0	29.4	88.2	
150	158.0	0.0	345.8	

Manual Integrations
APPROVED

MMDadoda
11/15/2019 11:39:29 AM

