

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101419\
 Data File : VN058746.D
 Acq On : 14 Oct 2019 13:58
 Operator : JC/SP
 Sample : K5111-07 0.2PPB LOD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2019

Manual Integrations
 APPROVED

MMDadoda
 10/16/2019 12:56:48 AM

Quant Time: Oct 15 03:44:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	346621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	569767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	507371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	204759	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	238307	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
35) Dibromofluoromethane	7.57	113	168715	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
50) Toluene-d8	10.08	98	620509	44.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.18%	
62) 4-Bromofluorobenzene	12.41	95	206183	38.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.40%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.04	50	1442	0.281	ug/l	96
5) Bromomethane	2.56	94	952m	0.306	ug/l	
6) Chloroethane	2.68	64	832m	0.264	ug/l	
11) Tert butyl alcohol	4.78	59	576m	0.733	ug/l	
13) Acrolein	3.59	56	720m	1.139	ug/l	
15) Acrylonitrile	4.98	53	1171	0.591	ug/l #	43
16) Acetone	3.81	43	2179	1.085	ug/l	94
17) Carbon Disulfide	4.04	76	2493	0.234	ug/l #	75
18) Methyl Acetate	4.32	43	2331m	0.457	ug/l	
20) Methylene Chloride	4.54	84	878	0.209	ug/l #	86
23) Vinyl Acetate	5.89	43	6835	0.649	ug/l #	75
25) 2-Butanone	6.82	43	2714	0.935	ug/l	94
26) 2,2-Dichloropropane	6.81	77	1914	0.282	ug/l #	55
27) cis-1,2-Dichloroethene	6.81	96	895m	0.206	ug/l	
29) Tetrahydrofuran	7.21	42	1387	0.739	ug/l #	47
30) Chloroform	7.35	83	2169	0.290	ug/l #	79
31) Cyclohexane	7.65	56	9274	1.303	ug/l #	27
37) Ethyl Acetate	6.90	43	1617m	0.278	ug/l	
42) 1,2-Dichloroethane	8.11	62	1568	0.247	ug/l #	78
49) 1,4-Dioxane	9.19	88	61	0.876	ug/l #	4
51) 4-Methyl-2-Pentanone	9.98	43	4273	0.767	ug/l	89
53) t-1,3-Dichloropropene	10.38	75	1737	0.265	ug/l #	36
55) 1,1,2-Trichloroethane	10.55	97	1013m	0.245	ug/l	
58) 2-Chloroethyl Vinyl ether	9.69	63	1808	0.620	ug/l #	87
59) 2-Hexanone	10.75	43	3904	0.906	ug/l	74
68) m/p-Xylenes	11.62	106	1989	0.289	ug/l	92
74) N-amyl acetate	12.07	43	1369	0.206	ug/l #	59
76) 1,2,3-Trichloropropane	12.56	75	1708m	0.380	ug/l	
81) trans-1,4-Dichloro-2-buten	12.31	75	410m	0.244	ug/l	
94) Hexachlorobutadiene	15.01	225	437	0.210	ug/l #	38
95) Naphthalene	15.14	128	2601	0.229	ug/l #	77

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

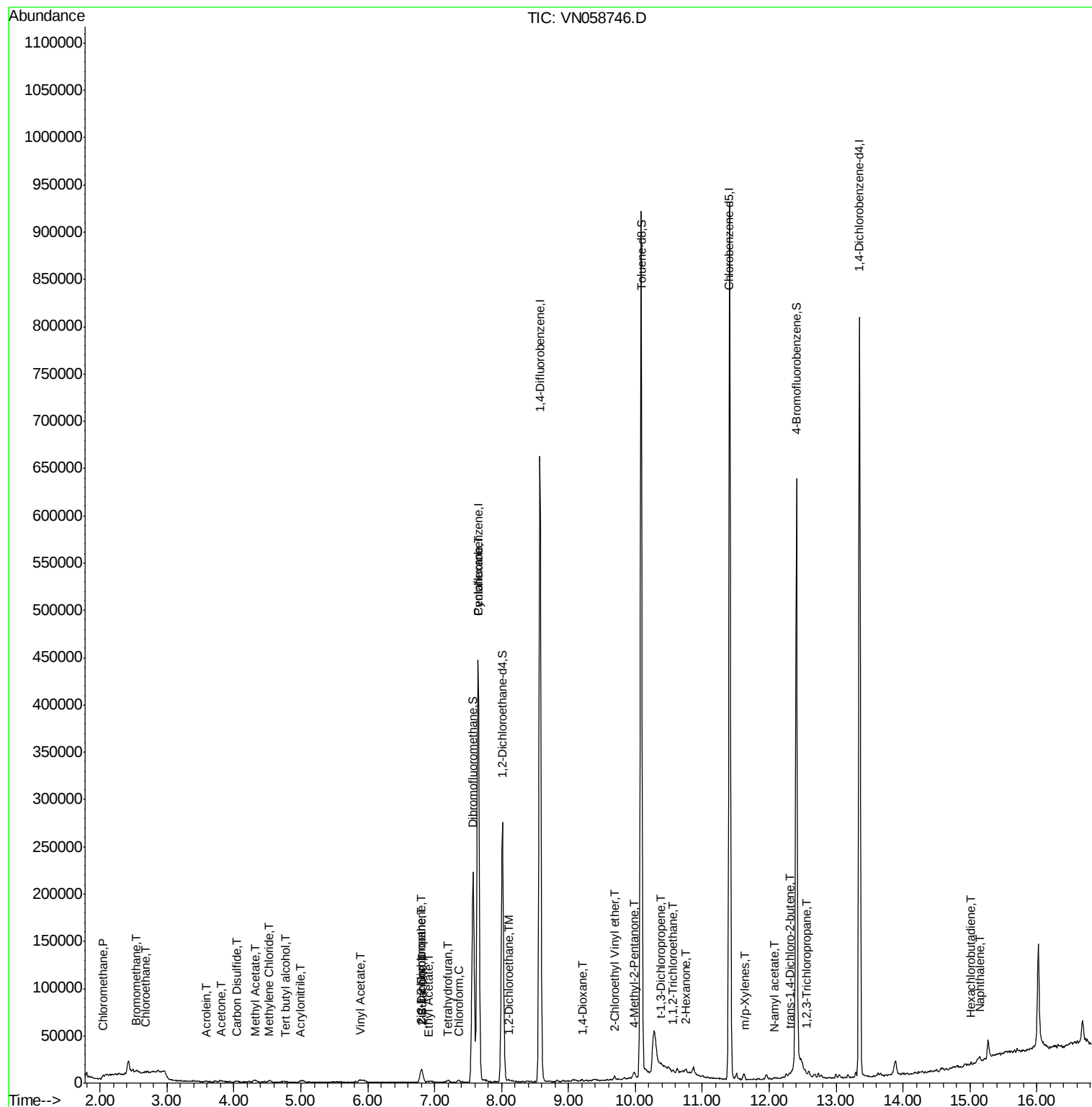
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101419\
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Operator : JC/SP
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Quant Time: Oct 15 03:44:05 2019
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Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 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: VN058746.D

Acq: 14 Oct 2019 13:58

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion:168 Resp: 346621

Ion Ratio Lower Upper

168 100

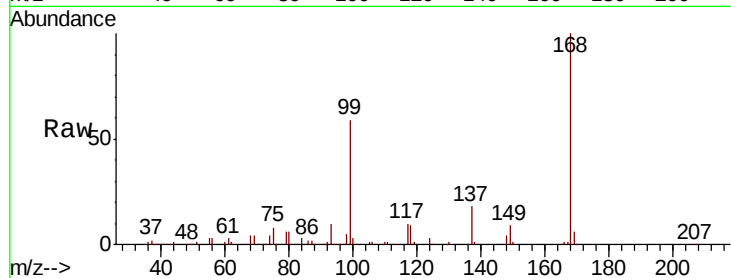
99 59.5 47.5 71.3

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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

150000

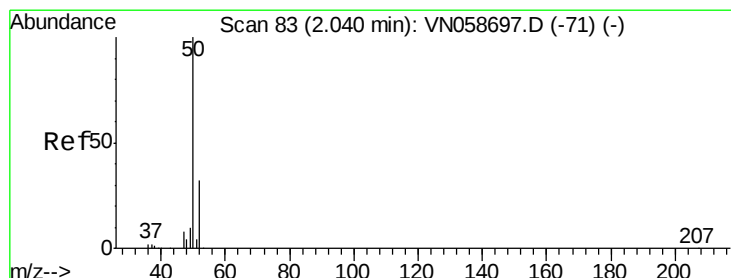
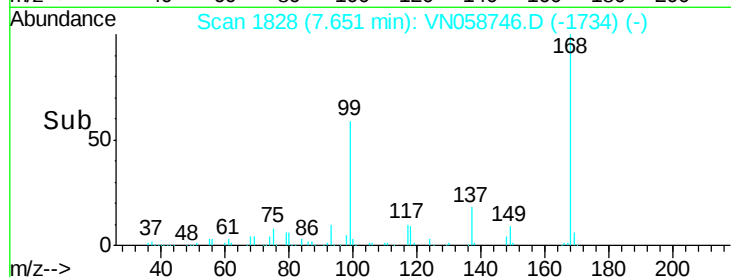
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50000

0

7.60 7.70 7.80

Time-->



#3

Chloromethane

Concen: 0.281 ug/l

RT: 2.04 min Scan# 84

Delta R.T. 0.00 min

Lab File: VN058746.D

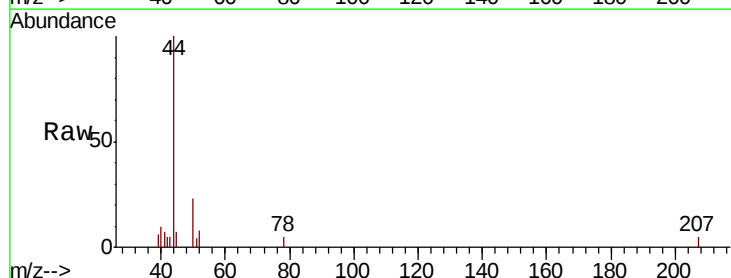
Acq: 14 Oct 2019 13:58

Tgt Ion: 50 Resp: 1442

Ion Ratio Lower Upper

50 100

52 34.6 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

1200

1000

800

600

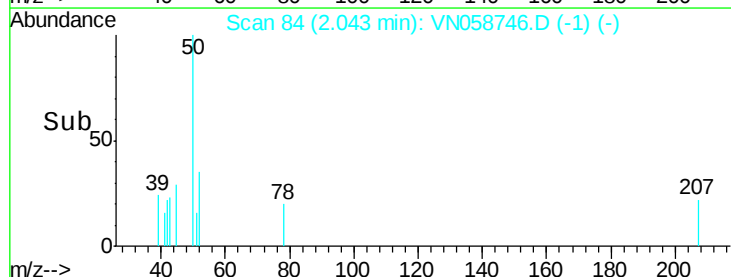
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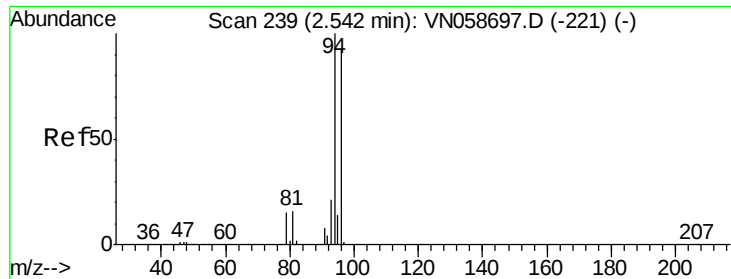
200

0

2.00 2.05

Time-->





#5

Bromomethane

Concen: 0.306 ug/l m

RT: 2.56 min Scan# 244

Delta R.T. 0.02 min

Lab File: VN058746.D

Acq: 14 Oct 2019 13:58

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion: 94 Resp: 952

Ion Ratio Lower Upper

94 100

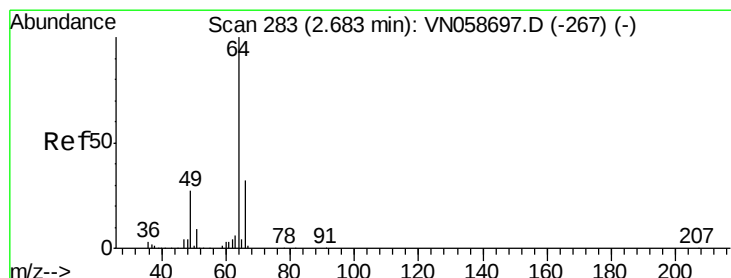
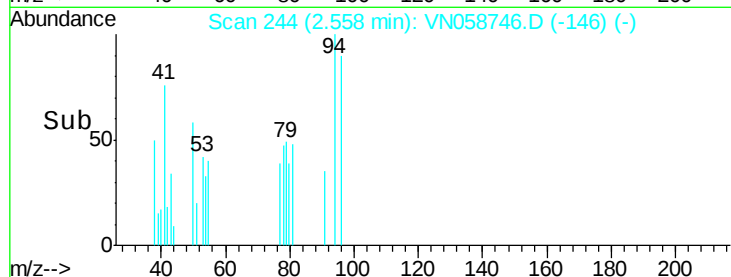
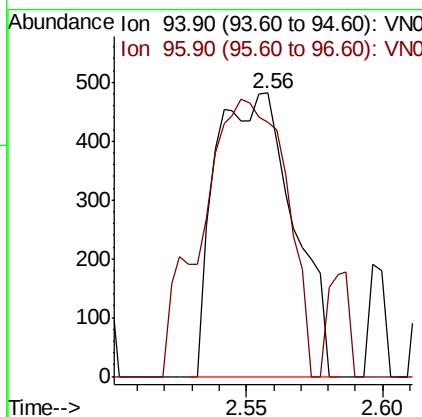
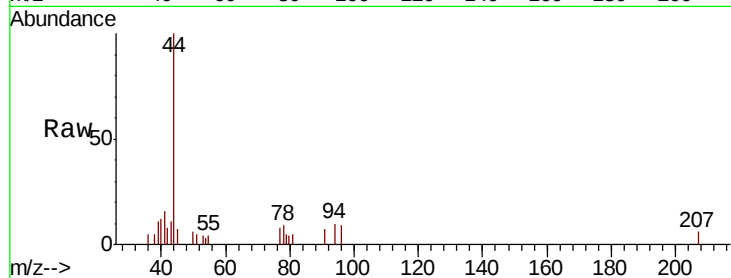
96 89.8 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 0.264 ug/l m

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN058746.D

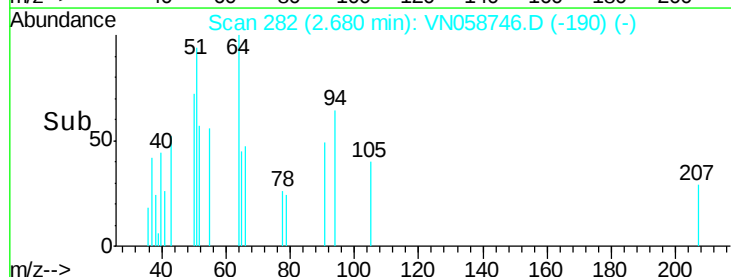
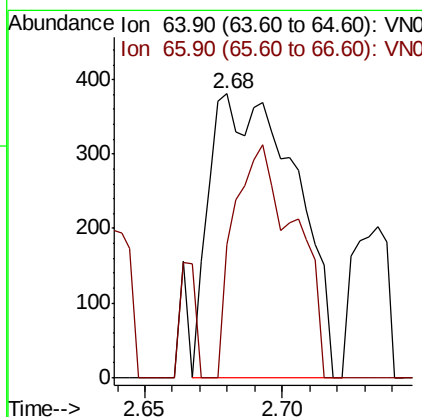
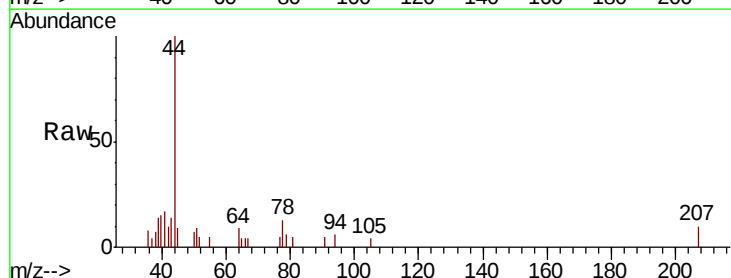
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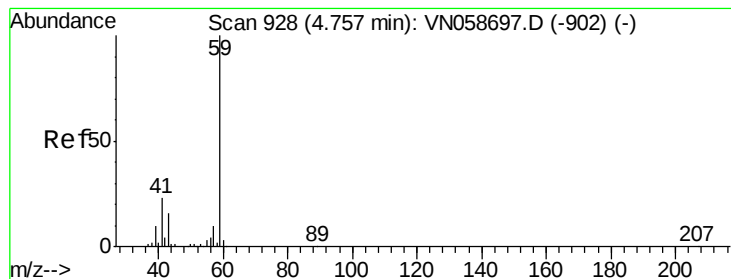
Tgt Ion: 64 Resp: 832

Ion Ratio Lower Upper

64 100

66 47.0 25.4 38.2#





#11

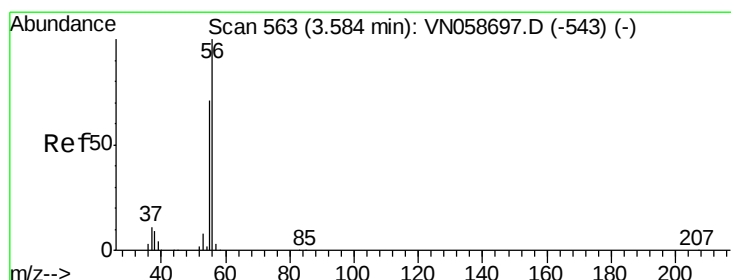
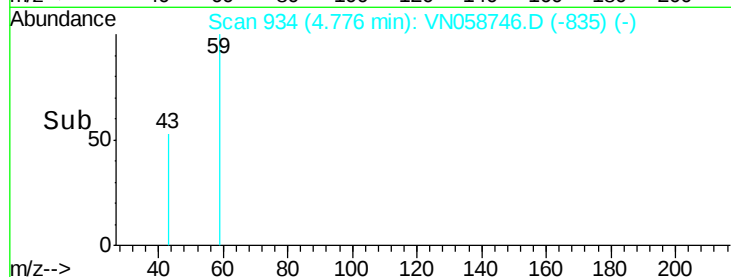
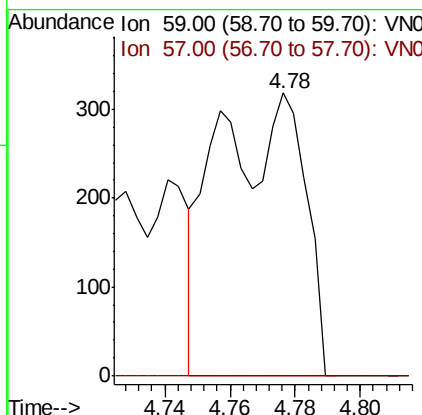
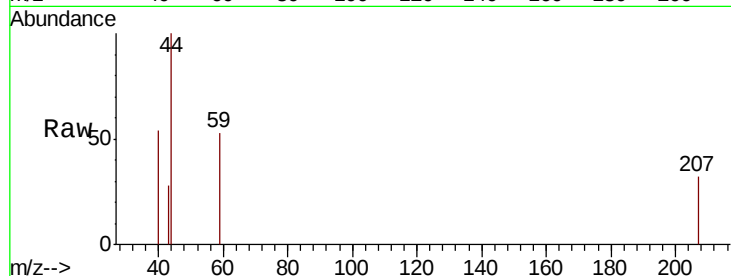
Tert butyl alcohol
 Concen: 0.733 ug/l m
 RT: 4.78 min Scan# 934
 Delta R.T. 0.02 min
 Lab File: VN058746.D
 Acq: 14 Oct 2019 13:58

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2019

Tot Ion: 59 Resp: 576
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

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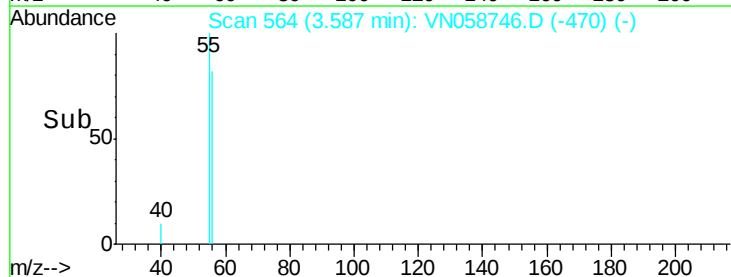
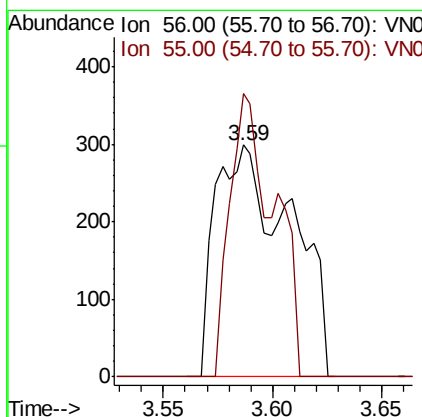
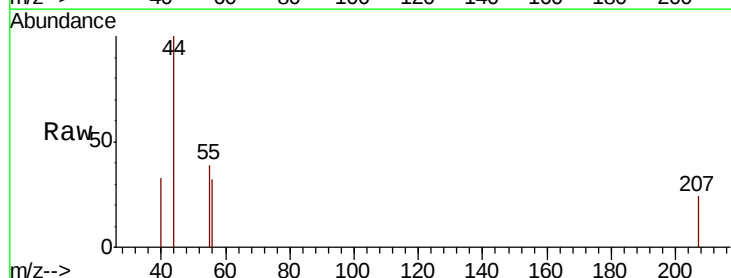
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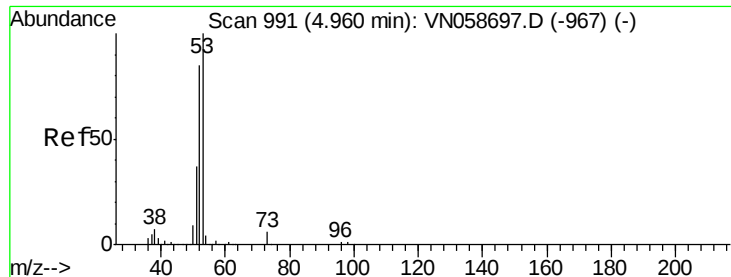


#13

Acrolein
 Concen: 1.139 ug/l m
 RT: 3.59 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VN058746.D
 Acq: 14 Oct 2019 13:58

Tgt Ion: 56 Resp: 720
 Ion Ratio Lower Upper
 56 100
 55 55.3 56.7 85.1#





#15

Acrylonitrile

Concen: 0.591 ug/l

RT: 4.98 min Scan# 998

Delta R.T. 0.02 min

Lab File: VN058746.D

Acq: 14 Oct 2019 13:58

Instrument :

MSVOA_N

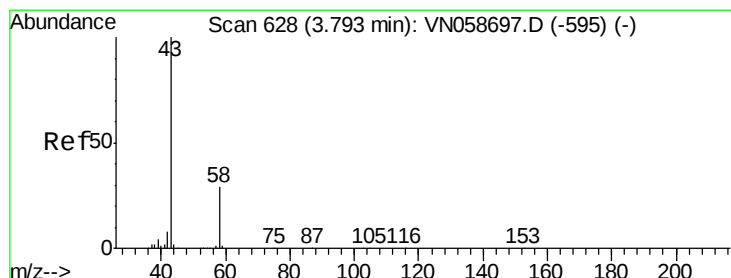
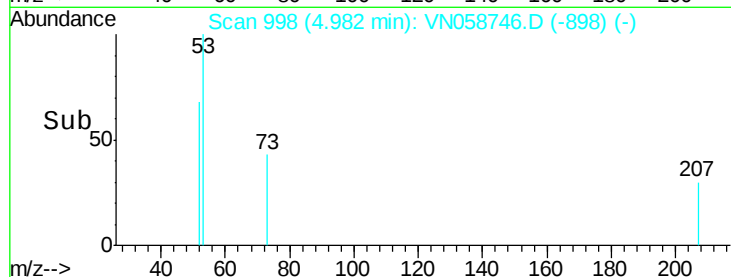
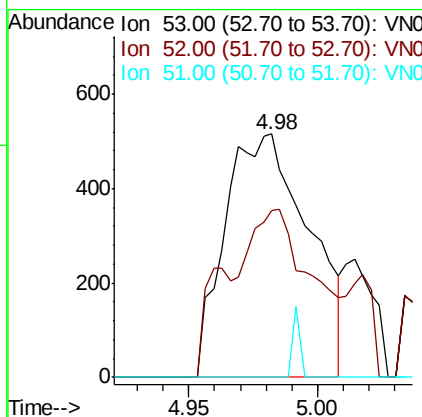
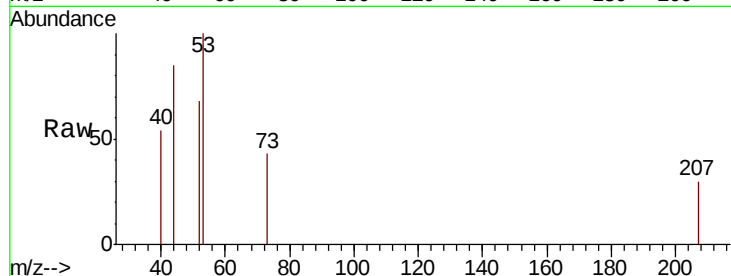
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion:	53	Resp:	1171
Ion	Ratio	Lower	Upper
53	100		
52	32.2	66.2	99.2#
51	2.5	29.4	44.2#

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#16

Acetone

Concen: 1.085 ug/l

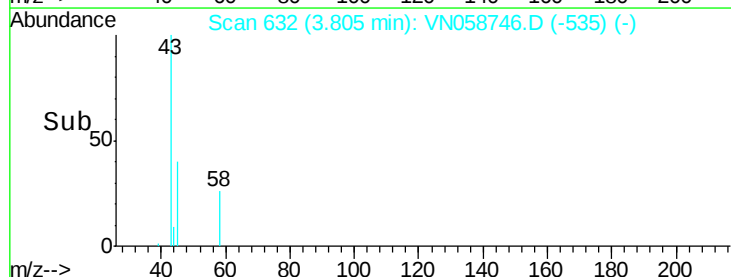
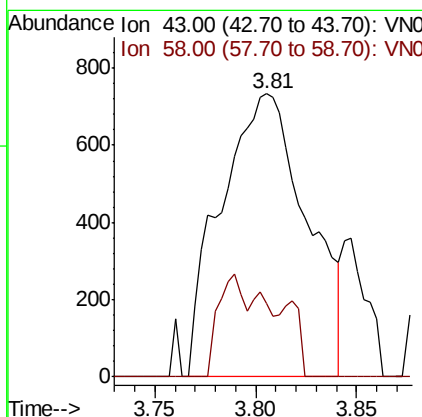
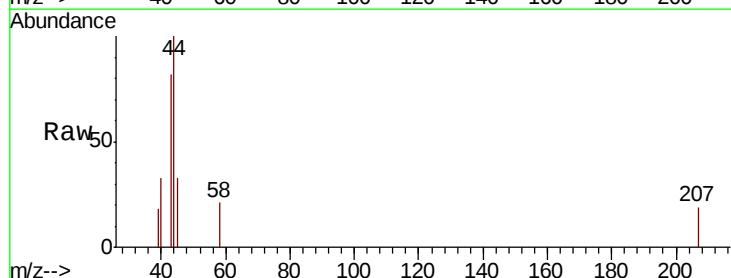
RT: 3.81 min Scan# 632

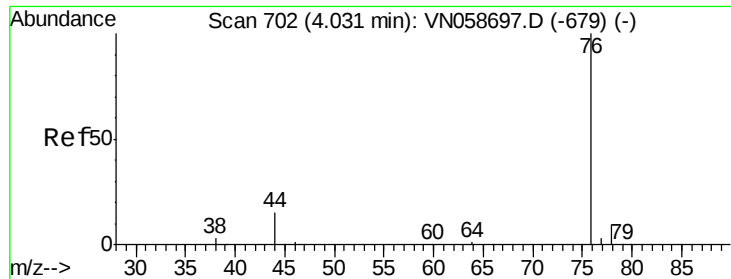
Delta R.T. 0.01 min

Lab File: VN058746.D

Acq: 14 Oct 2019 13:58

Tgt Ion:	43	Resp:	2179
Ion	Ratio	Lower	Upper
43	100		
58	25.9	23.3	34.9





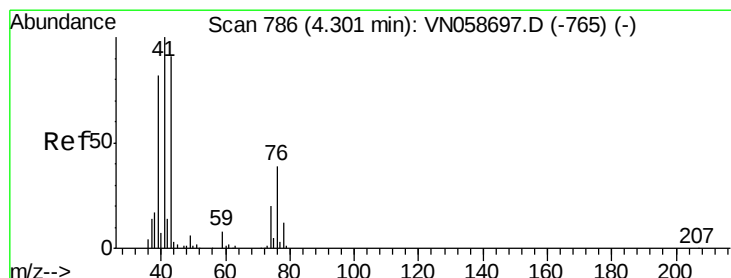
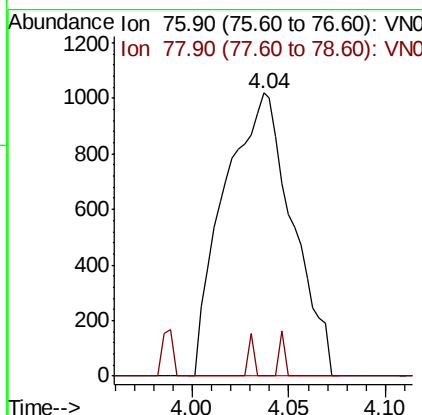
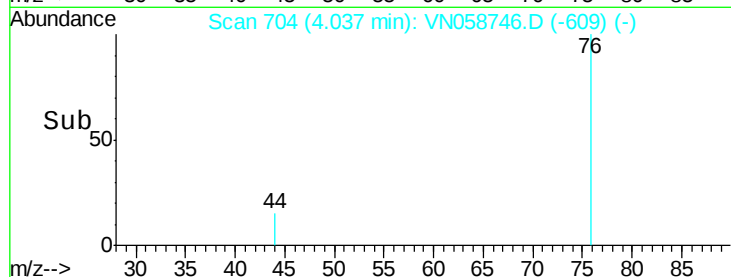
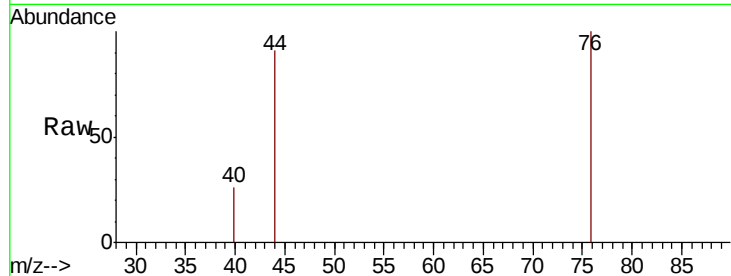
#17
Carbon Disulfide
Concen: 0.234 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.01 min
Lab File: VN058746.D
Acq: 14 Oct 2019 13:58

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion: 76 Resp: 2493
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#

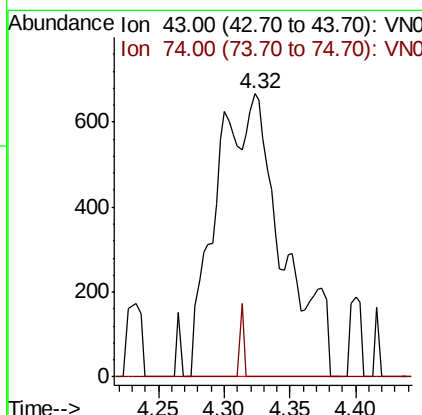
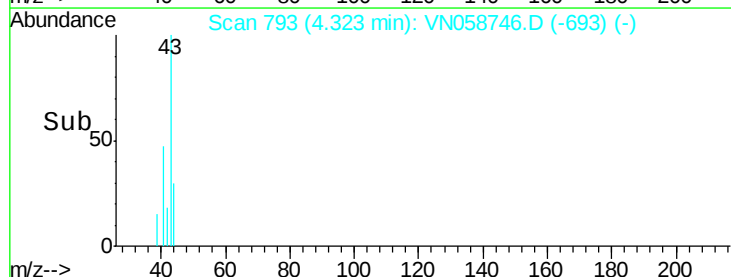
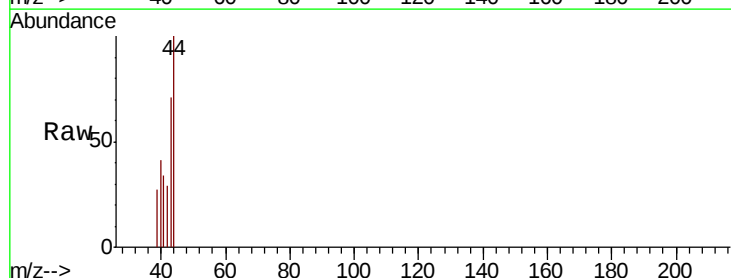
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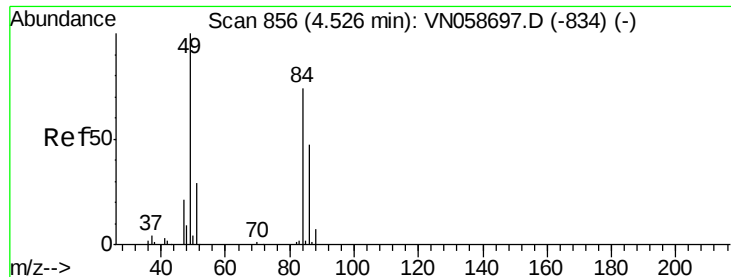
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#18
Methyl Acetate
Concen: 0.457 ug/l m
RT: 4.32 min Scan# 793
Delta R.T. 0.02 min
Lab File: VN058746.D
Acq: 14 Oct 2019 13:58

Tgt Ion: 43 Resp: 2331
Ion Ratio Lower Upper
43 100
74 1.4 17.2 25.8#





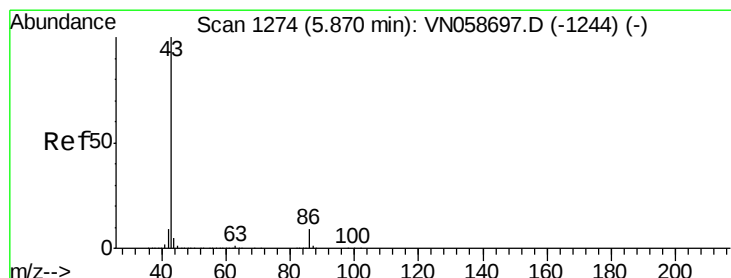
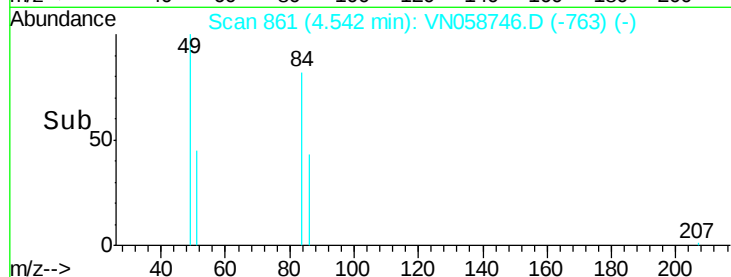
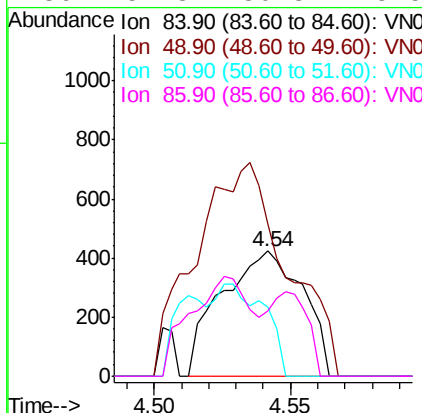
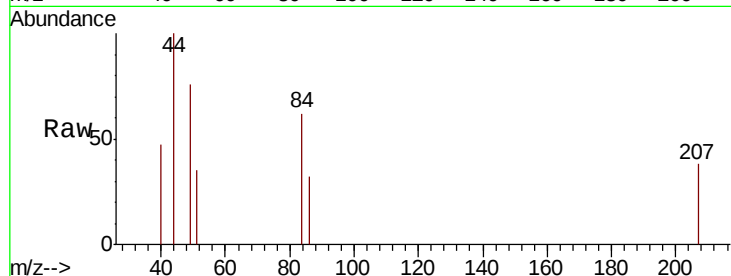
#20
Methylene Chloride
Concen: 0.209 ug/l
RT: 4.54 min Scan# 861
Delta R.T. 0.02 min
Lab File: VN058746.D
Acq: 14 Oct 2019 13:58

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion	84	Resp	878
Ion	Ratio	Lower	Upper
84	100		
49	121.7	107.6	161.4
51	55.3	31.4	47.0#
86	51.8	50.3	75.5

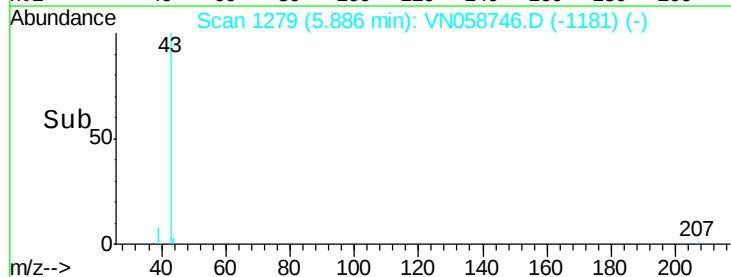
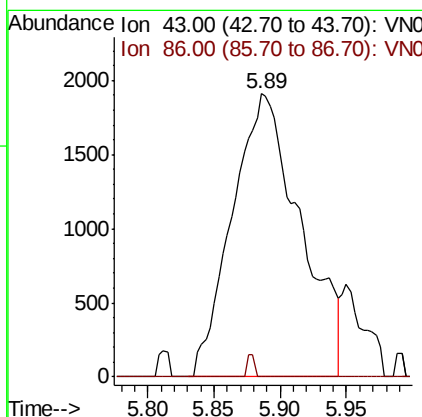
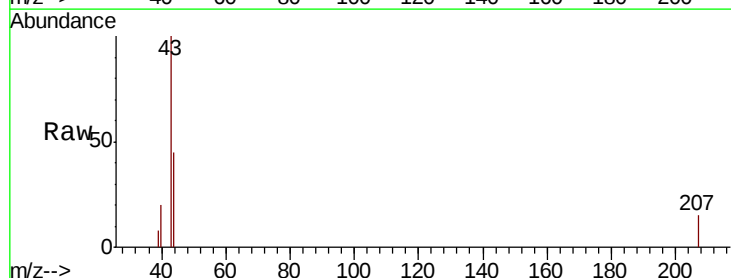
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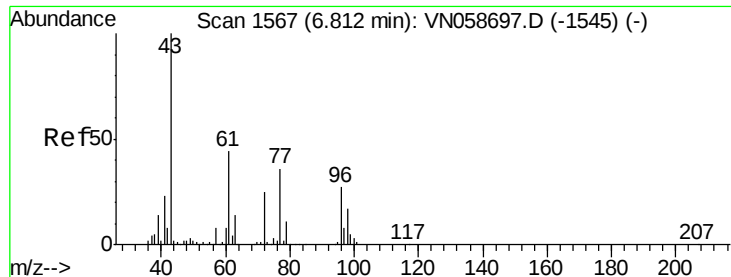
MMDadoda
10/16/2019 12:56:48 AM



#23
Vinyl Acetate
Concen: 0.649 ug/l
RT: 5.89 min Scan# 1279
Delta R.T. 0.02 min
Lab File: VN058746.D
Acq: 14 Oct 2019 13:58

Tgt Ion	43	Resp	6835
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.4	11.0#





#25

2-Butanone

Concen: 0.935 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN058746.D

Acq: 14 Oct 2019 13:58

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion: 43 Resp: 2714

Ion Ratio Lower Upper

43 100

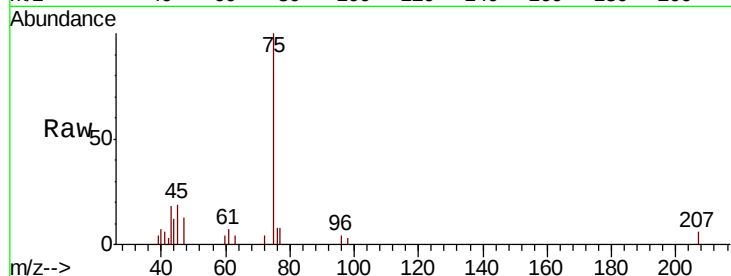
72 22.1 20.2 30.2

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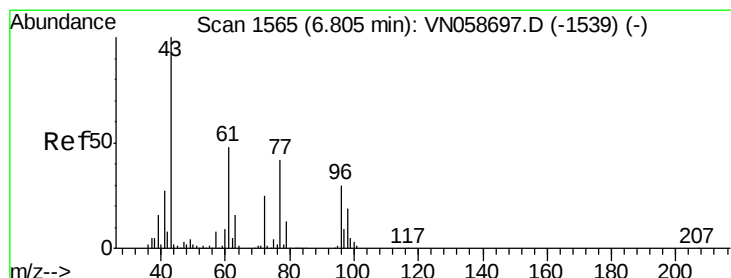
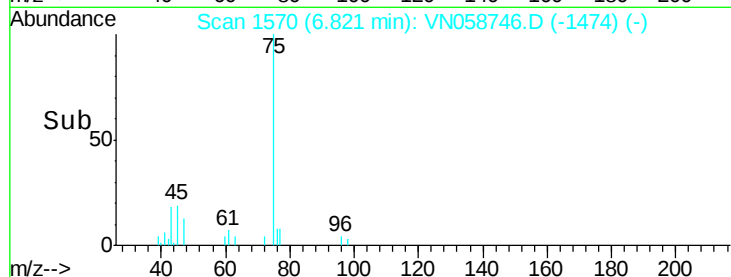
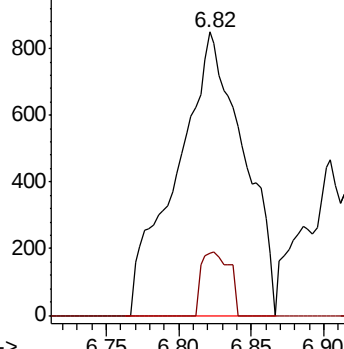
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10/16/2019 12:56:48 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 0.282 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.01 min

Lab File: VN058746.D

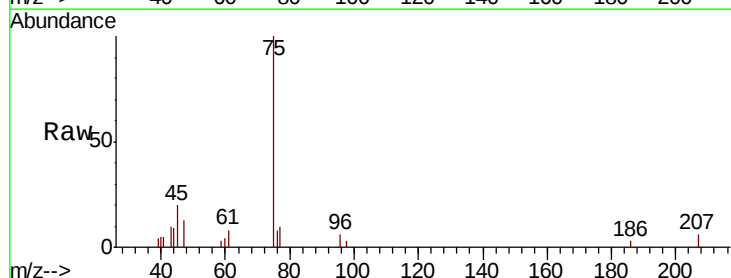
Acq: 14 Oct 2019 13:58

Tgt Ion: 77 Resp: 1914

Ion Ratio Lower Upper

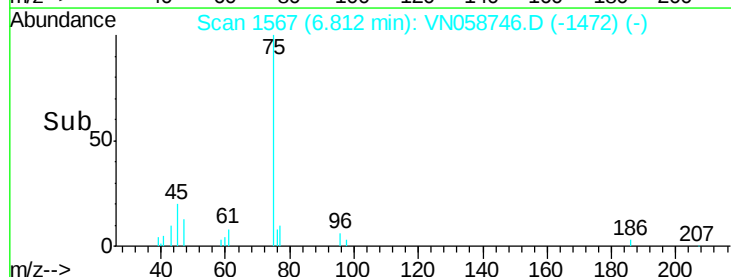
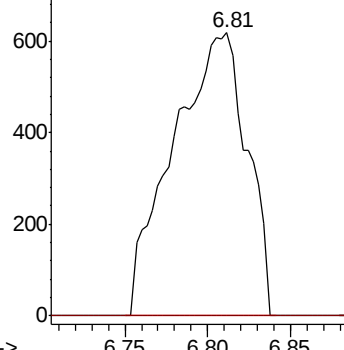
77 100

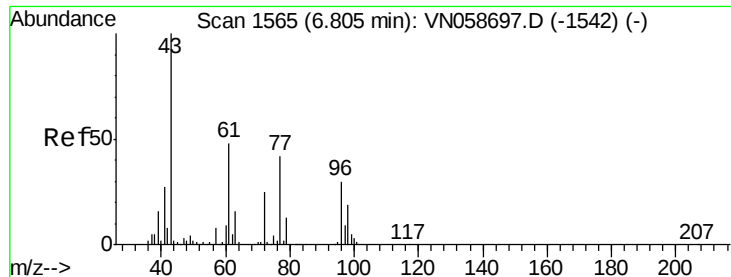
97 0.0 10.7 31.9#



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 0.206 ug/l m

RT: 6.81 min Scan# 1567

Delta R.T. 0.01 min

Lab File: VN058746.D

Acq: 14 Oct 2019 13:58

Instrument :

MSVOA_N

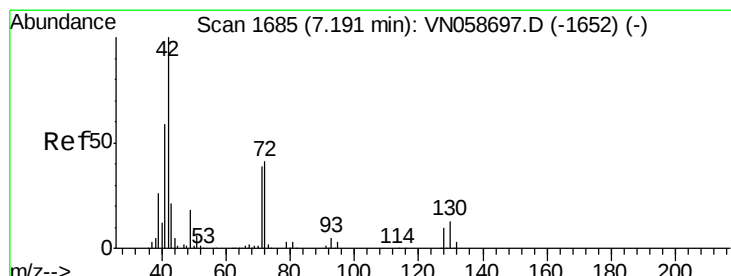
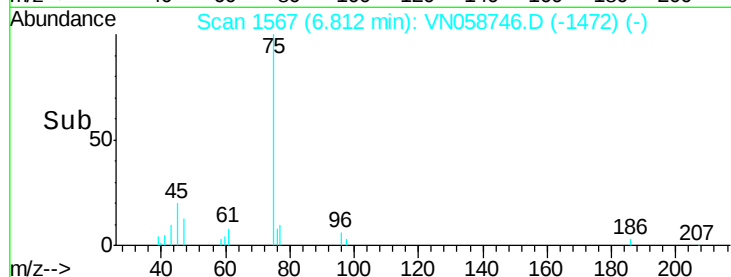
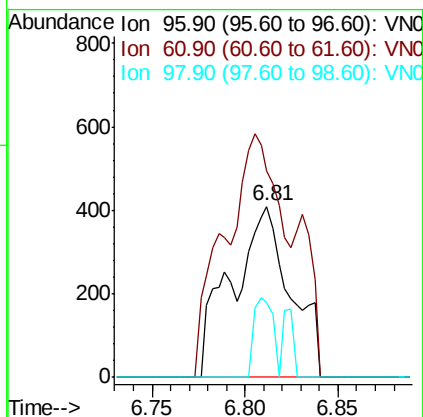
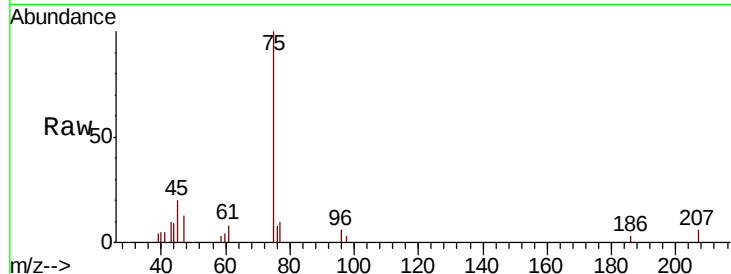
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion:	96	Resp:	895
Ion	Ratio	Lower	Upper
96	100		
61	135.1	0.0	324.8
98	14.7	0.0	129.2

Manual Integrations
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#29

Tetrahydrofuran

Concen: 0.739 ug/l

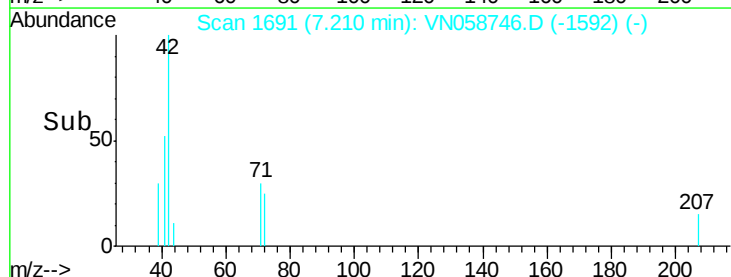
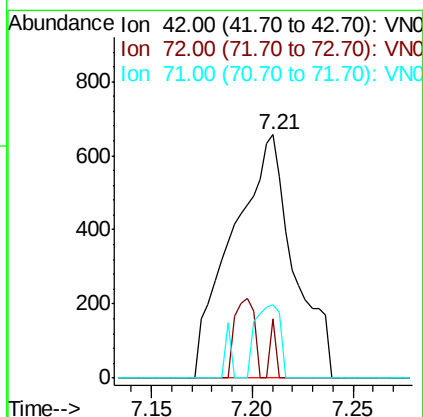
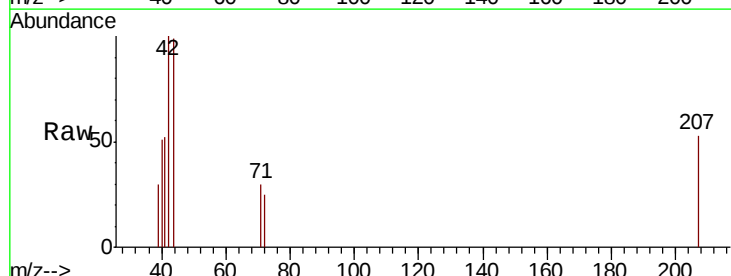
RT: 7.21 min Scan# 1691

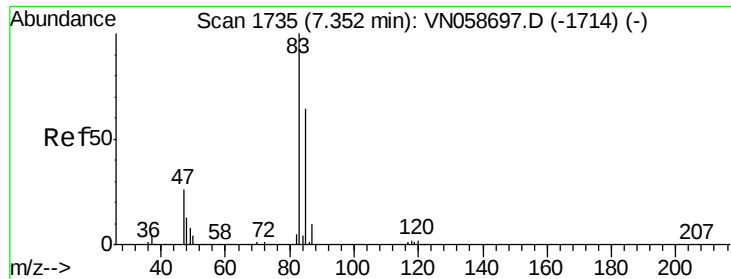
Delta R.T. 0.02 min

Lab File: VN058746.D

Acq: 14 Oct 2019 13:58

Tgt Ion:	42	Resp:	1387
Ion	Ratio	Lower	Upper
42	100		
72	2.2	32.8	49.2#
71	12.5	31.1	46.7#





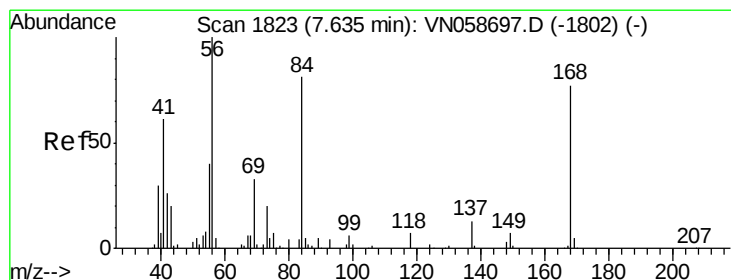
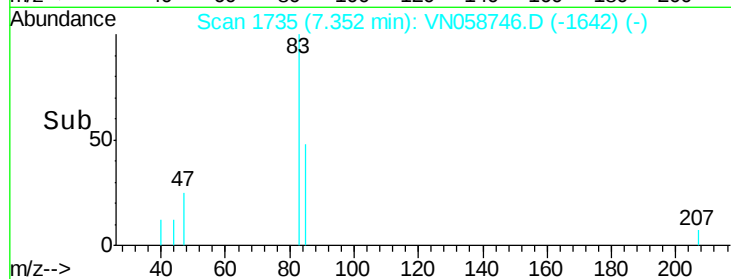
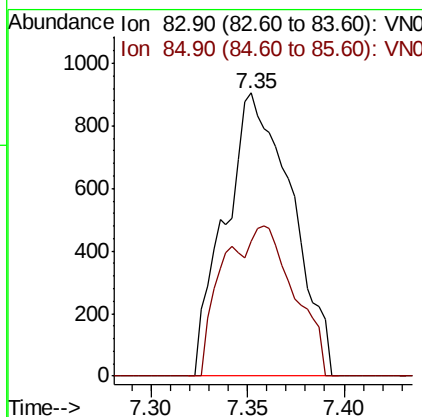
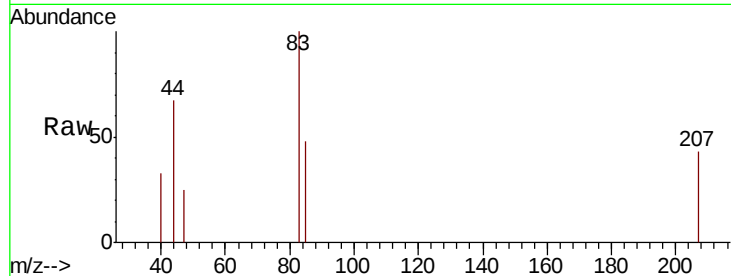
#30
Chloroform
Concen: 0.290 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. -0.00 min
Lab File: VN058746.D
Acq: 14 Oct 2019 13:58

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion: 83 Resp: 2169
Ion Ratio Lower Upper
83 100
85 47.5 51.0 76.6#

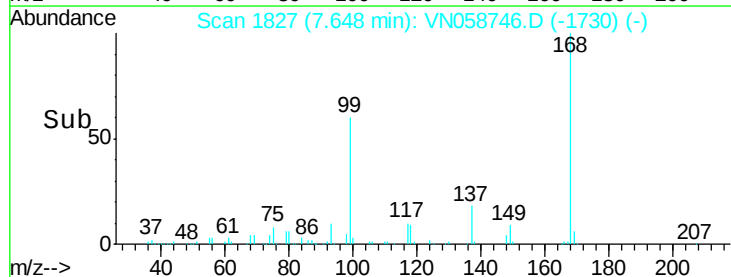
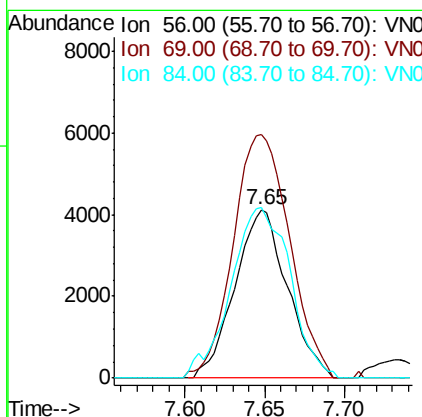
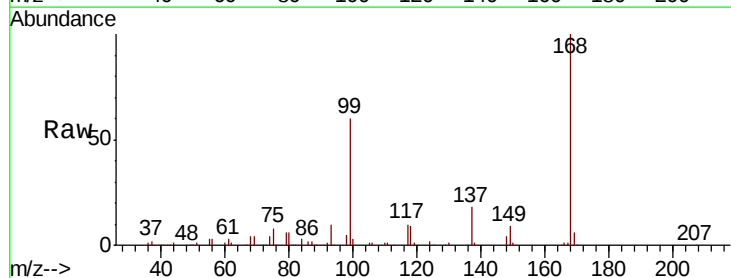
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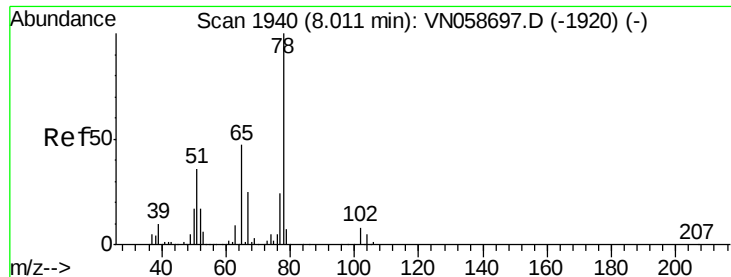
MMDadoda
10/16/2019 12:56:48 AM



#31
Cyclohexane
Concen: 1.303 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN058746.D
Acq: 14 Oct 2019 13:58

Tgt Ion: 56 Resp: 9274
Ion Ratio Lower Upper
56 100
69 144.7 26.2 39.4#
84 101.1 64.9 97.3#





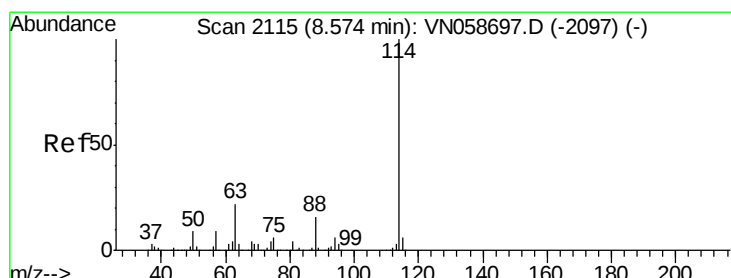
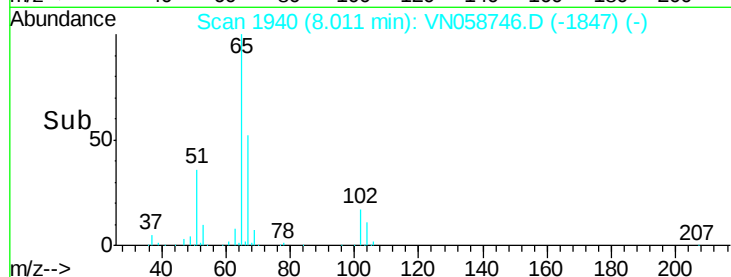
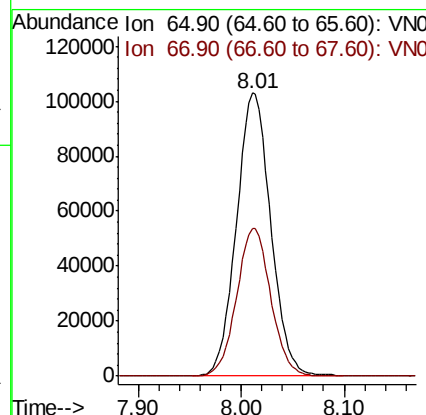
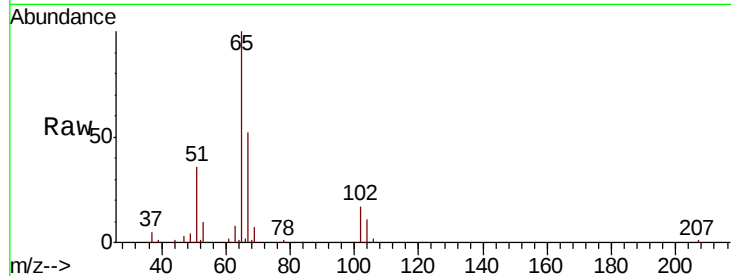
#33
 1,2-Dichloroethane-d4
 Concen: 49.109 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058746.D
 Acq: 14 Oct 2019 13:58

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
65	100	238307		
67	52.1	0.0	103.8	

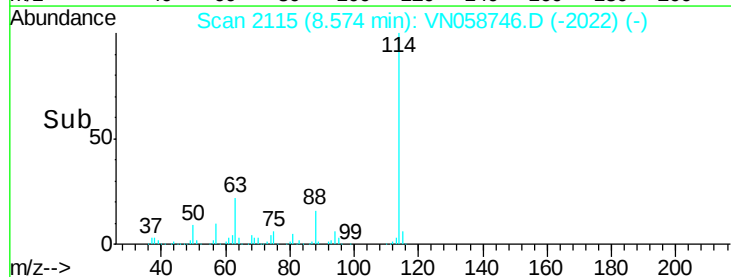
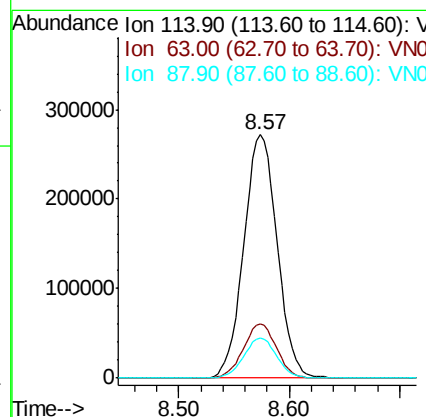
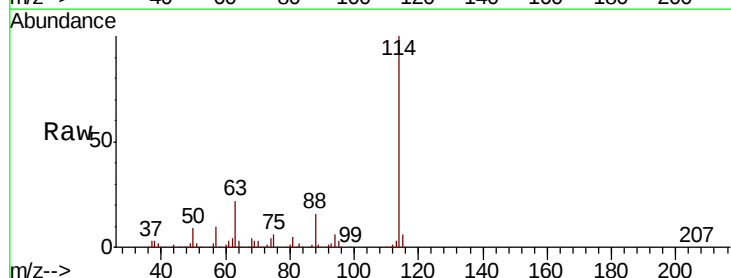
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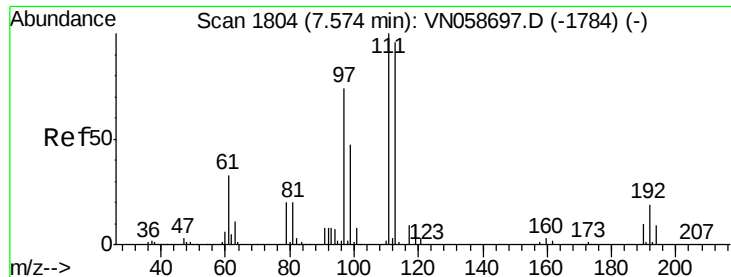
MMDadoda
 10/16/2019 12:56:48 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058746.D
 Acq: 14 Oct 2019 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	569767		
63	22.4	0.0	43.8	
88	16.3	0.0	32.0	





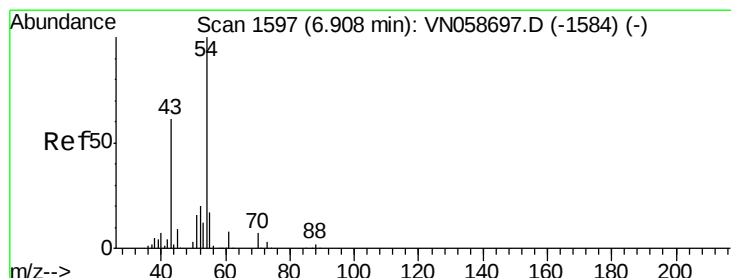
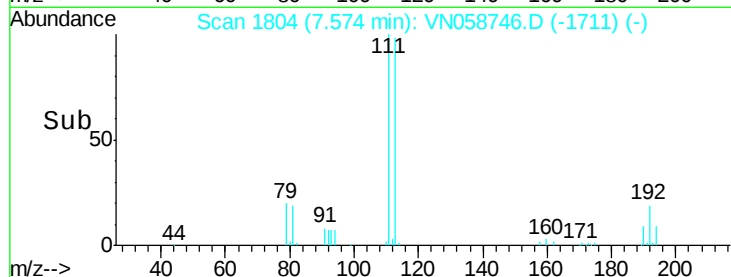
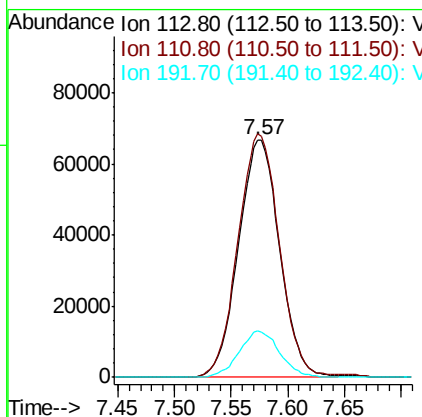
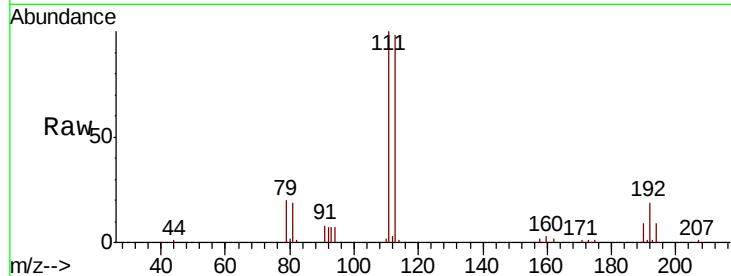
#35
Dibromofluoromethane
Concen: 47.940 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN058746.D
Acq: 14 Oct 2019 13:58

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
113	100	168715		
111	103.1	82.3	123.5	
192	19.2	15.0	22.6	

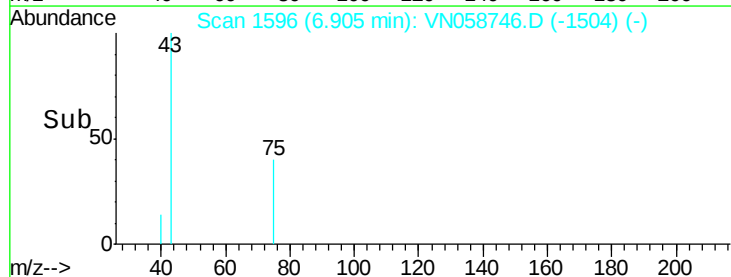
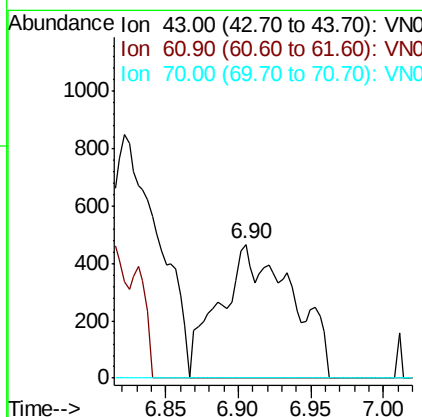
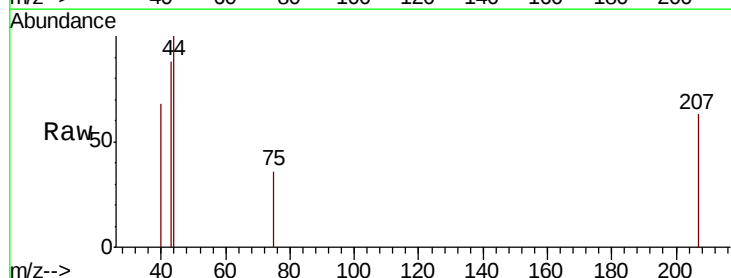
Manual Integrations
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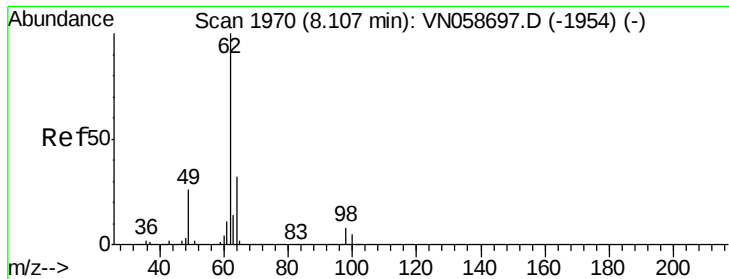
MMDadoda
10/16/2019 12:56:48 AM



#37
Ethyl Acetate
Concen: 0.278 ug/l m
RT: 6.90 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VN058746.D
Acq: 14 Oct 2019 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	1617		
61	0.0	11.3	16.9#	
70	0.0	7.2	10.8#	





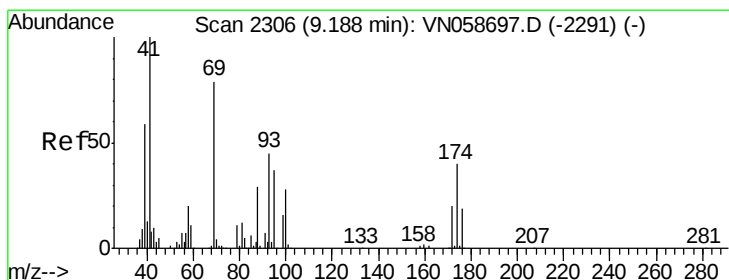
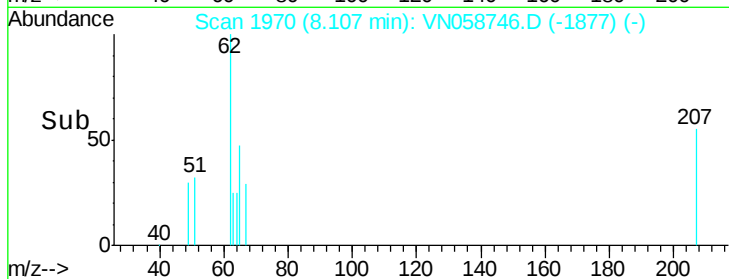
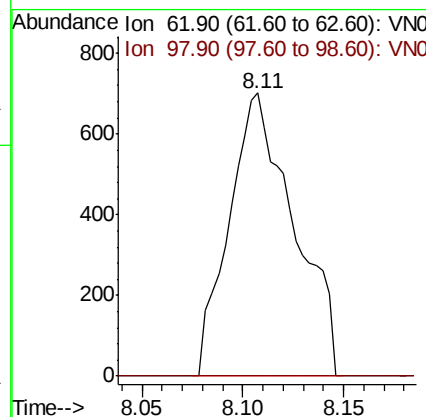
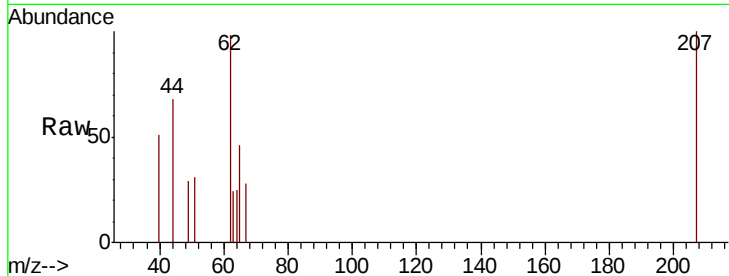
#42
 1,2-Dichloroethane
 Concen: 0.247 ug/l
 RT: 8.11 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VN058746.D
 Acq: 14 Oct 2019 13:58

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
62	100	1568		
98	0.0	0.0	0.0	15.8

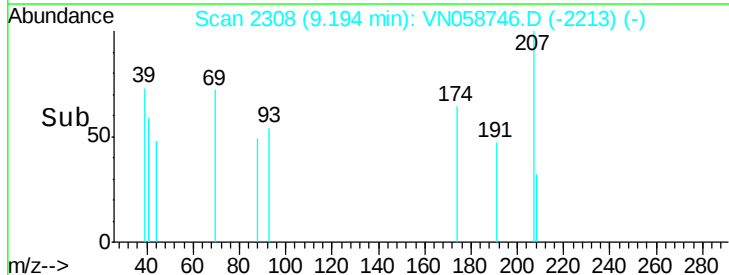
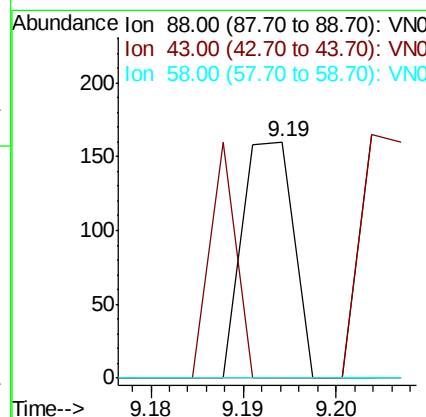
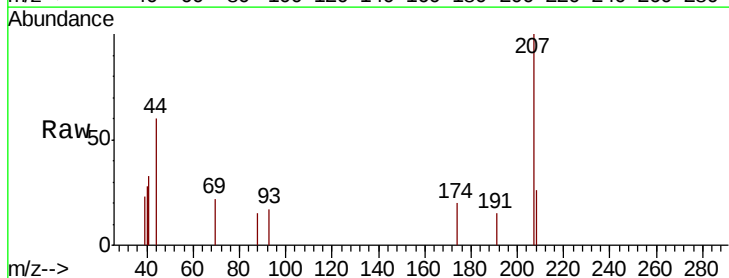
Manual Integrations
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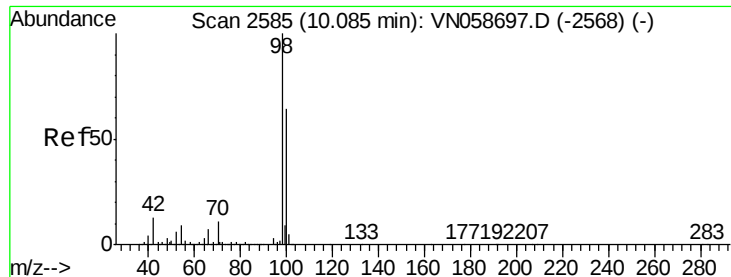
MMDadoda
 10/16/2019 12:56:48 AM



#49
 1,4-Dioxane
 Concen: 0.876 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.01 min
 Lab File: VN058746.D
 Acq: 14 Oct 2019 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	61		
43	103.3	28.6	43.0#	
58	0.0	57.2	85.8#	





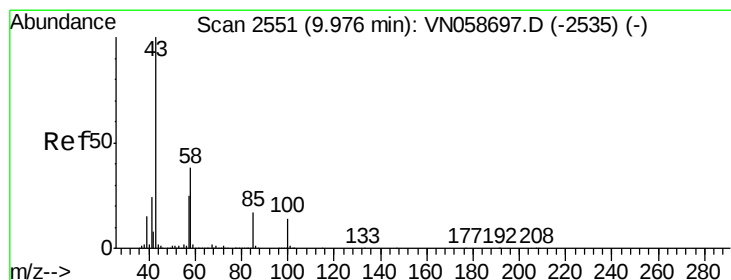
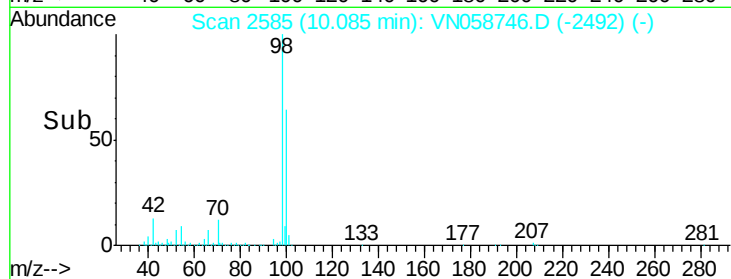
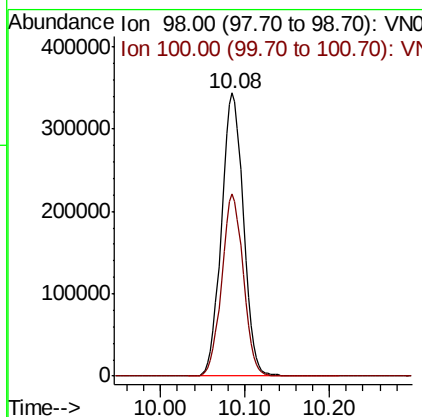
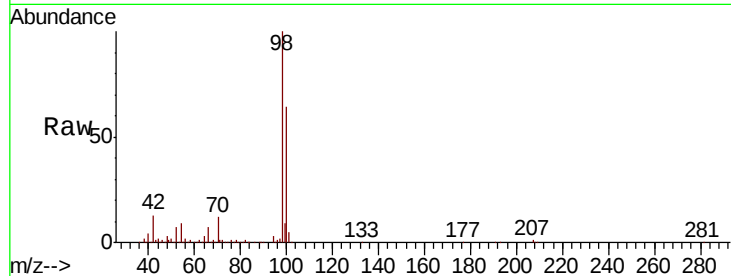
#50
Toluene-d8
Concen: 44.091 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058746.D
Acq: 14 Oct 2019 13:58

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion: 98 Resp: 620509
Ion Ratio Lower Upper
98 100
100 63.1 51.1 76.7

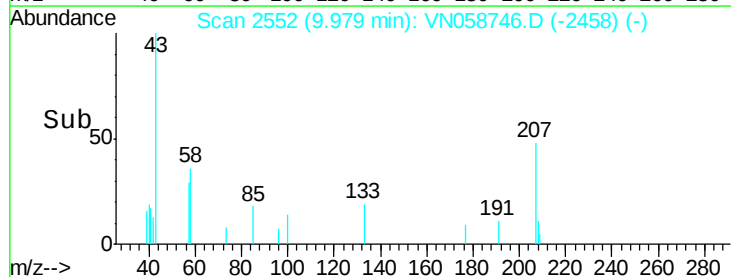
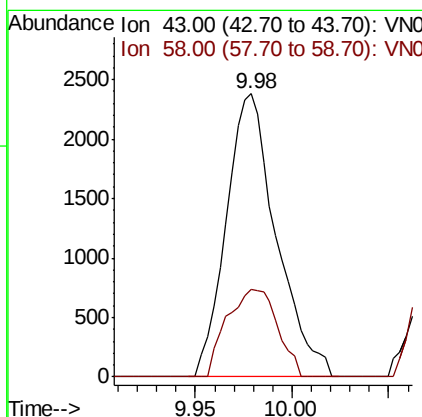
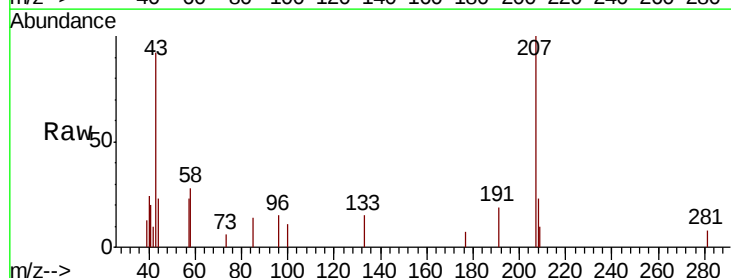
Manual Integrations
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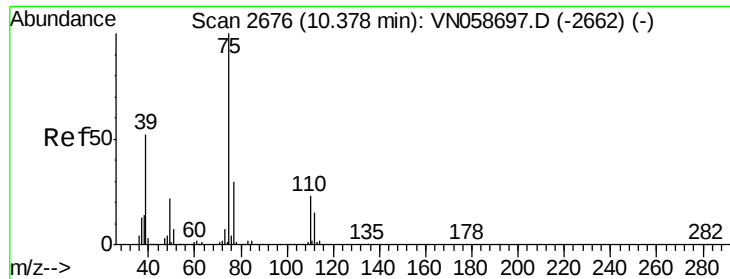
MMDadoda
10/16/2019 12:56:48 AM



#51
4-Methyl-2-Pentanone
Concen: 0.767 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VN058746.D
Acq: 14 Oct 2019 13:58

Tgt Ion: 43 Resp: 4273
Ion Ratio Lower Upper
43 100
58 31.3 30.3 45.5





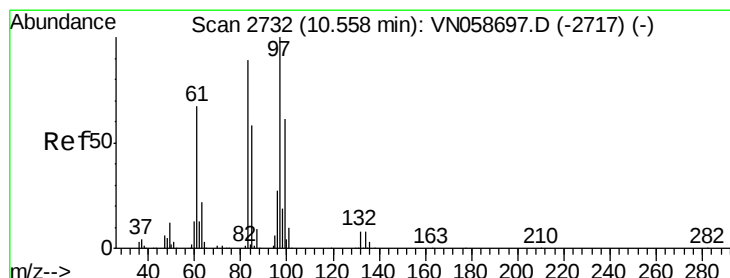
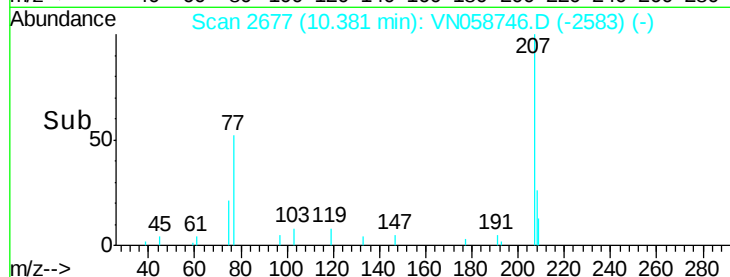
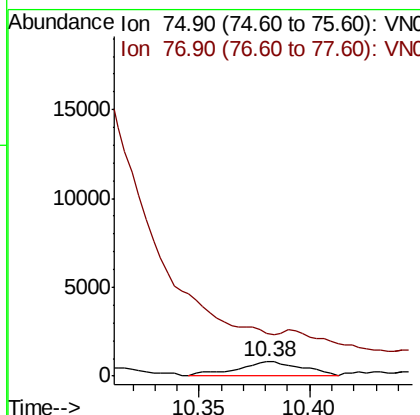
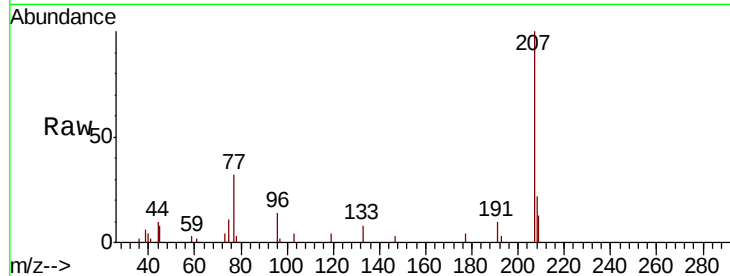
#53
t-1,3-Dichloropropene
Concen: 0.265 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN058746.D
Acq: 14 Oct 2019 13:58

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion: 75 Resp: 1737
Ion Ratio Lower Upper
75 100
77 68.8 26.2 39.4#

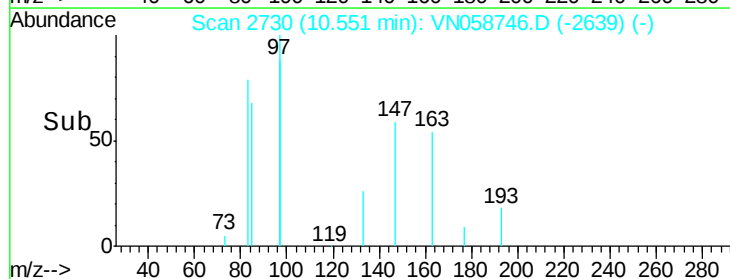
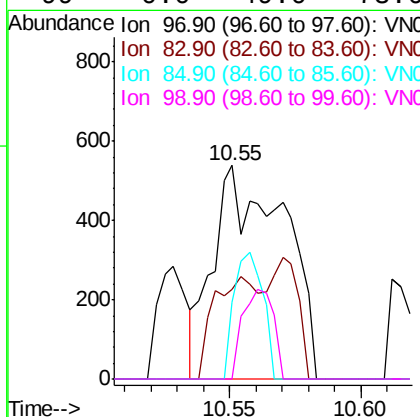
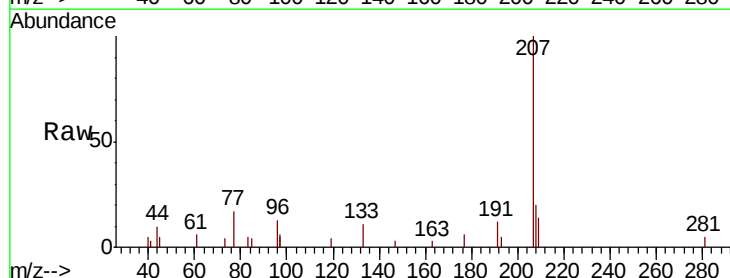
Manual Integrations
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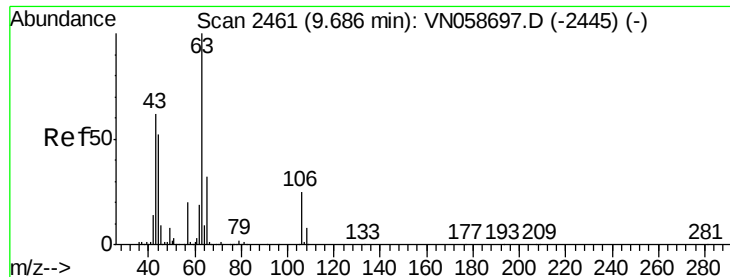
MMDadoda
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#55
1,1,2-Trichloroethane
Concen: 0.245 ug/l m
RT: 10.55 min Scan# 2730
Delta R.T. -0.01 min
Lab File: VN058746.D
Acq: 14 Oct 2019 13:58

Tgt Ion: 97 Resp: 1013
Ion Ratio Lower Upper
97 100
83 79.0 71.2 106.8
85 67.8 46.7 70.1
99 0.0 49.0 73.6#





#58

2-Chloroethyl Vinyl ether

Concen: 0.620 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. -0.00 min

Lab File: VN058746.D

Acq: 14 Oct 2019 13:58

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion: 63 Resp: 1808

Ion Ratio Lower Upper

63 100

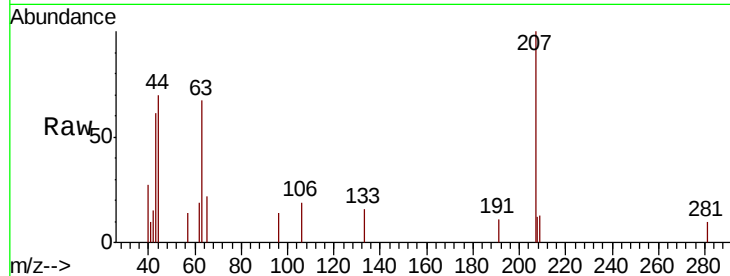
106 18.5 20.0 30.0#

Manual Integrations

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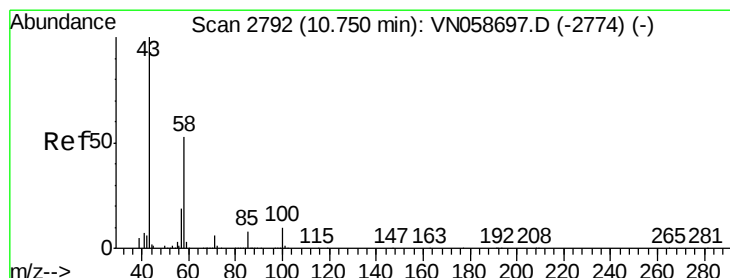
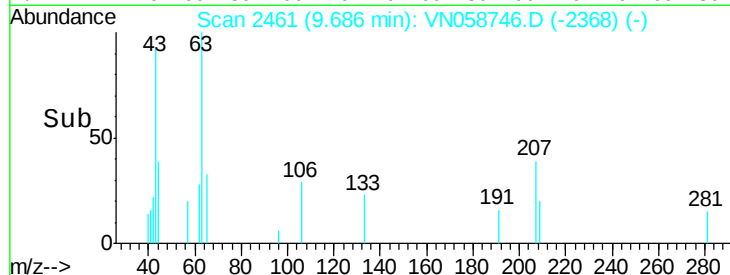
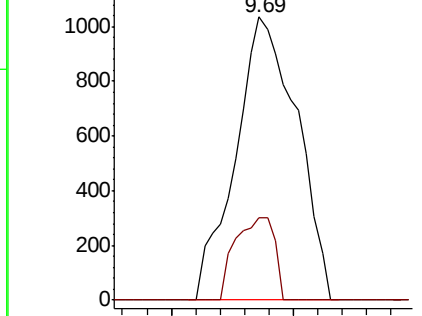
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



#59

2-Hexanone

Concen: 0.906 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VN058746.D

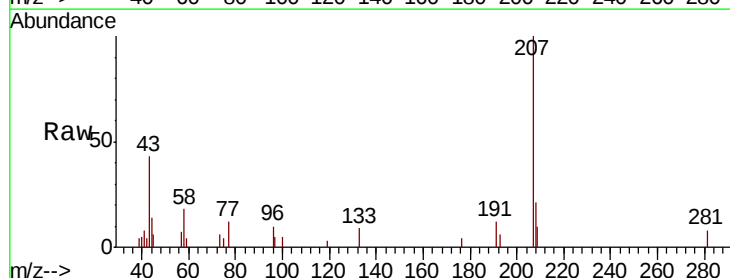
Acq: 14 Oct 2019 13:58

Tgt Ion: 43 Resp: 3904

Ion Ratio Lower Upper

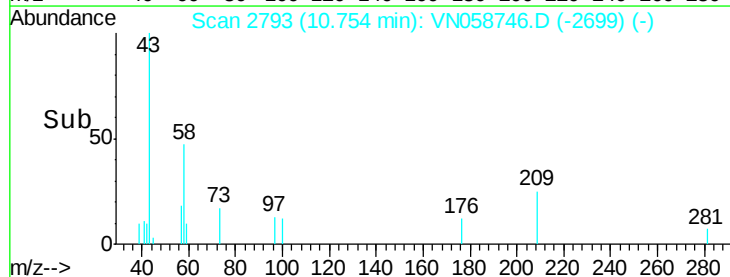
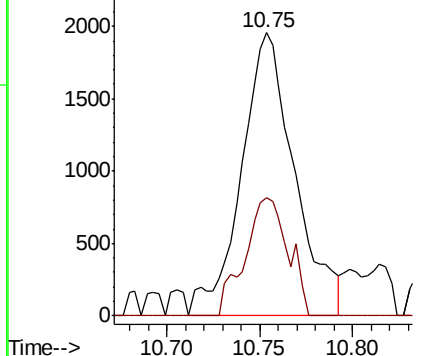
43 100

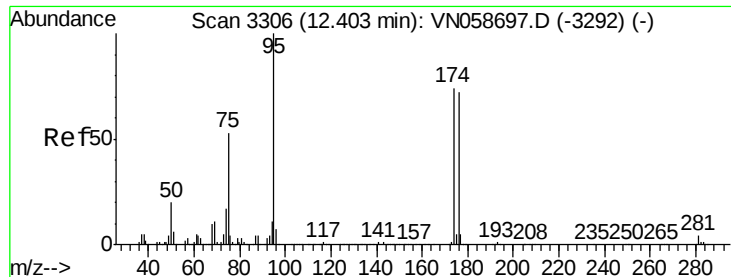
58 33.8 26.1 78.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





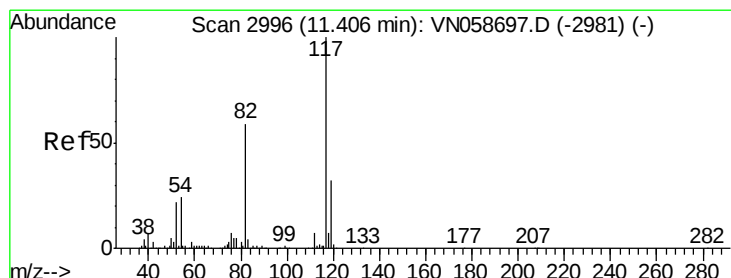
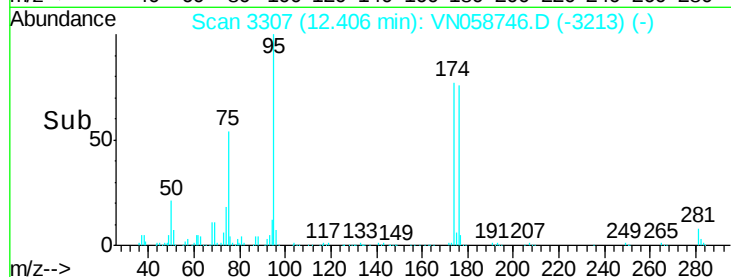
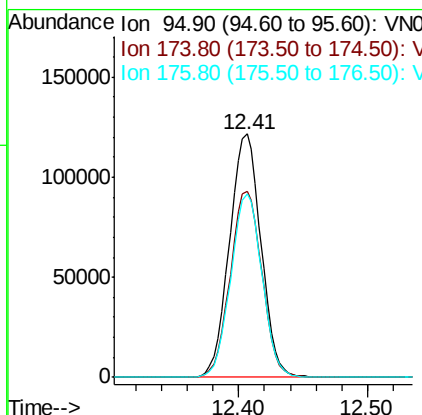
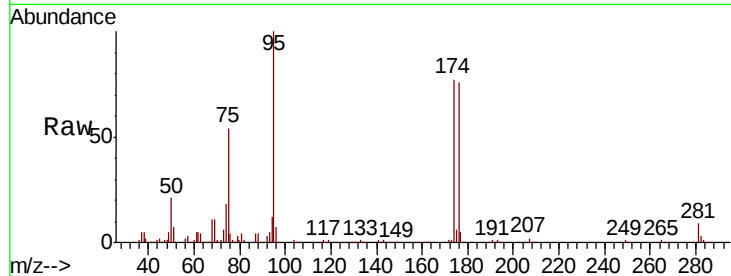
#62
4-Bromofluorobenzene
Concen: 38.704 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058746.D
Acq: 14 Oct 2019 13:58

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
95	100	206183		
174	76.9	0.0	150.4	
176	74.8	0.0	146.8	

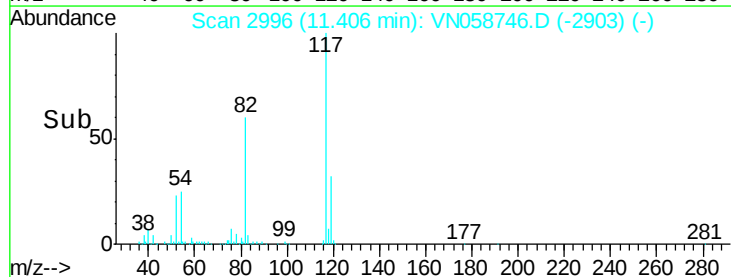
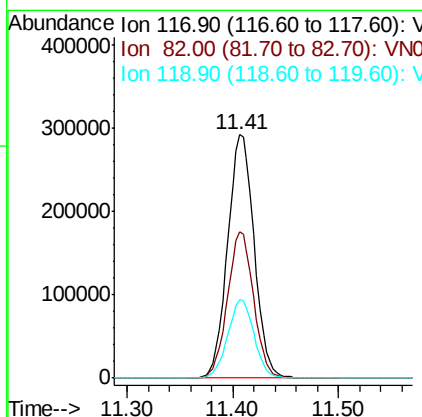
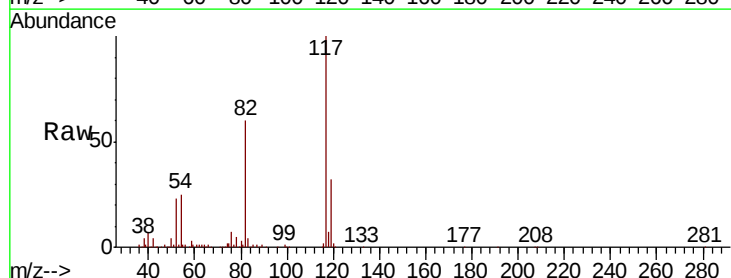
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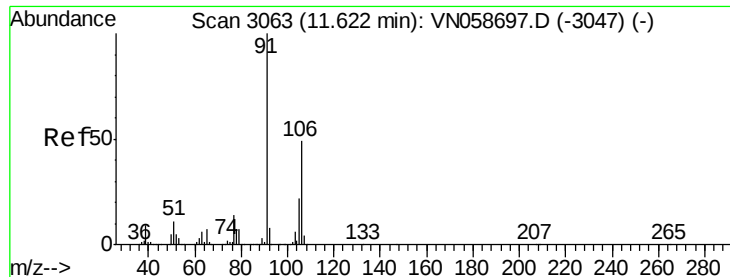
MMDadoda
10/16/2019 12:56:48 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058746.D
Acq: 14 Oct 2019 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	507371		
82	60.1	47.0	70.4	
119	32.0	25.4	38.2	





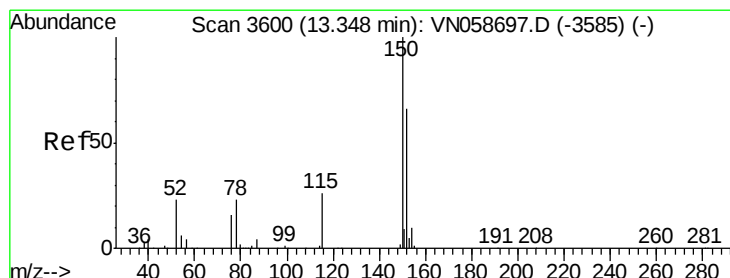
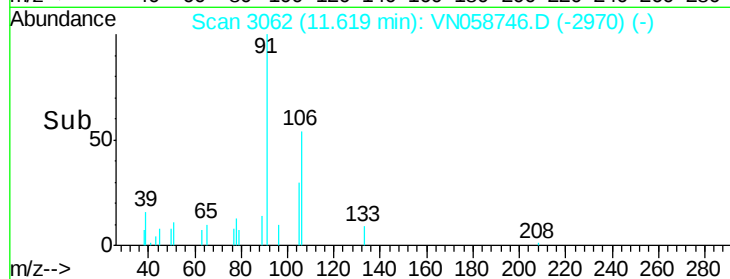
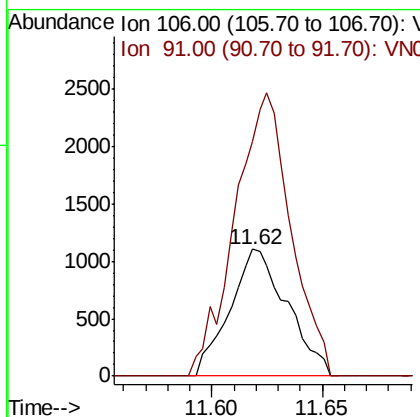
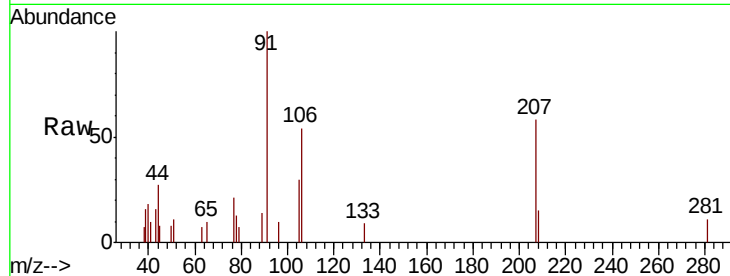
#68
m/p-Xvlenes
Concen: 0.289 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058746.D
Acq: 14 Oct 2019 13:58

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion:106 Resp: 1989
Ion Ratio Lower Upper
106 100
91 218.9 165.7 248.5

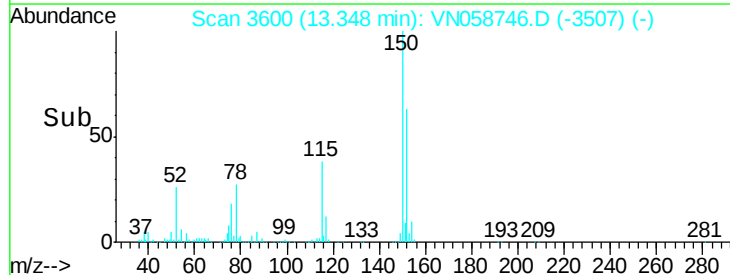
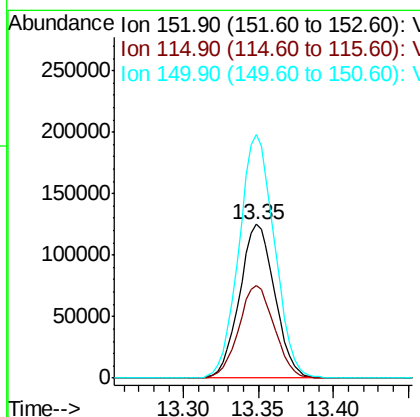
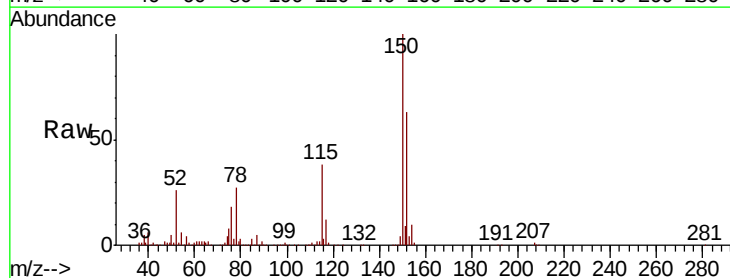
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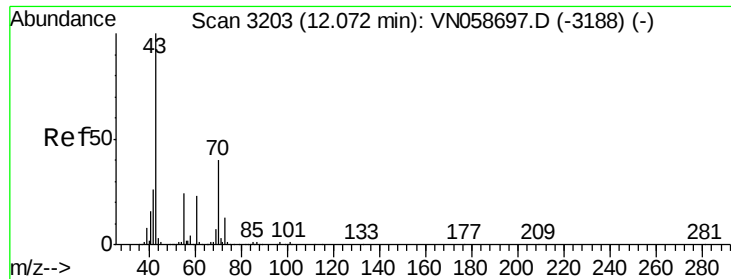
MMDadoda
10/16/2019 12:56:48 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058746.D
Acq: 14 Oct 2019 13:58

Tgt Ion:152 Resp: 204759
Ion Ratio Lower Upper
152 100
115 60.9 30.4 91.2
150 159.8 0.0 345.4





#74

N-amvl acetate

Concen: 0.206 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VN058746.D

Acq: 14 Oct 2019 13:58

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion: 43 Resp: 1369

Ion Ratio Lower Upper

43 100

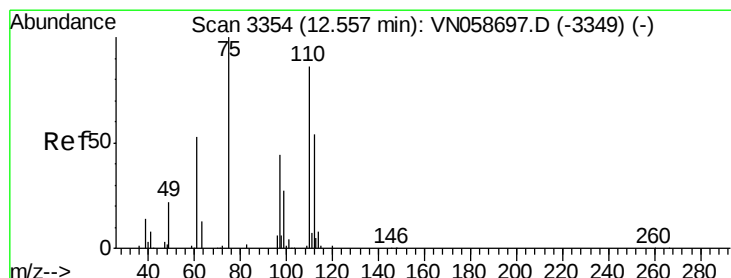
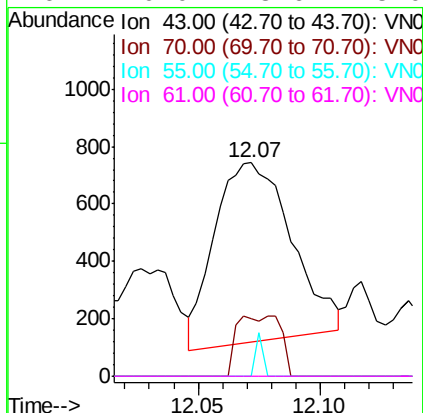
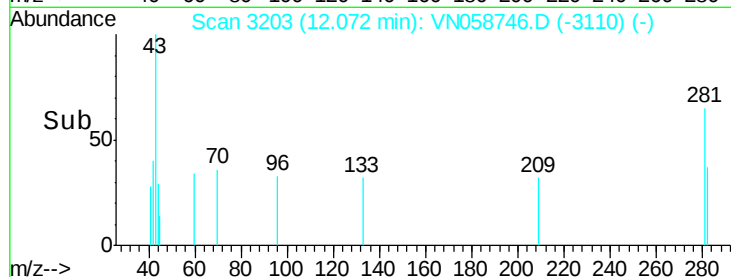
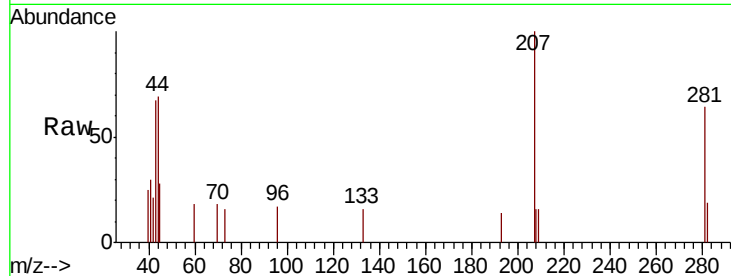
70 19.1 32.2 48.4#

55 2.1 19.6 29.4#

61 0.0 18.6 28.0#

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 0.380 ug/l m

RT: 12.56 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN058746.D

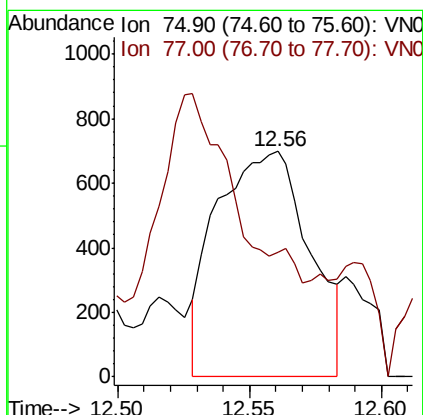
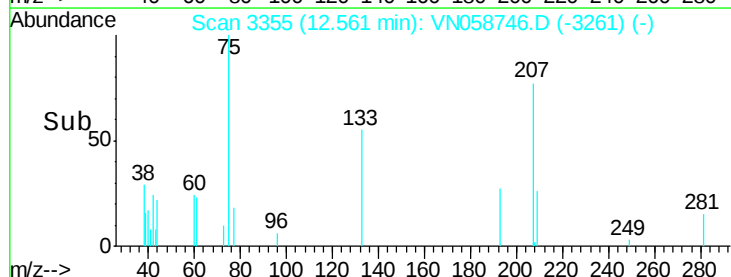
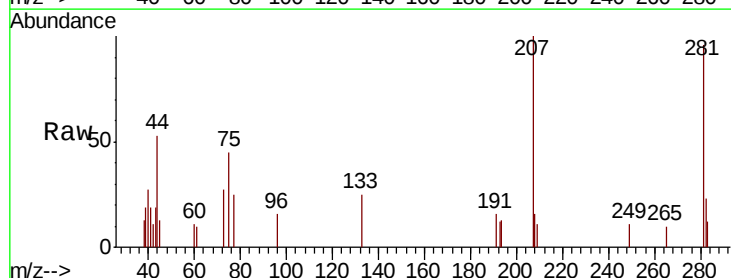
Acq: 14 Oct 2019 13:58

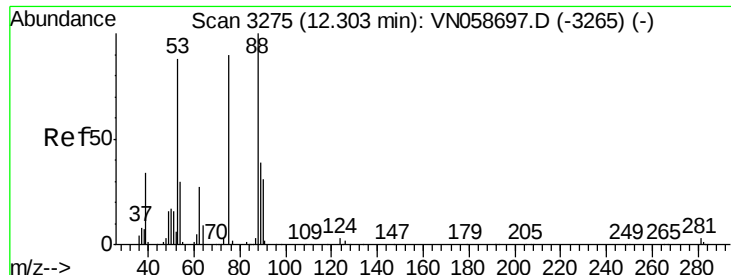
Tgt Ion: 75 Resp: 1708

Ion Ratio Lower Upper

75 100

77 116.7 0.0 0.0#





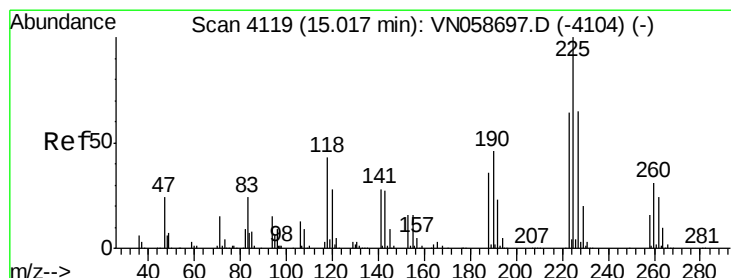
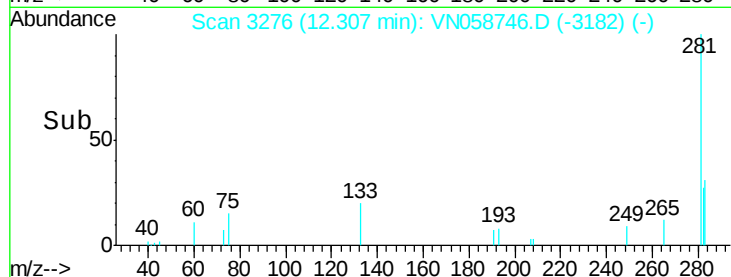
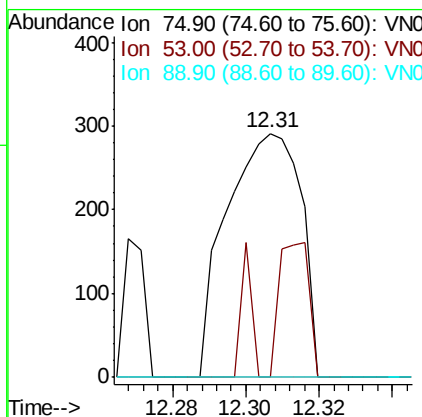
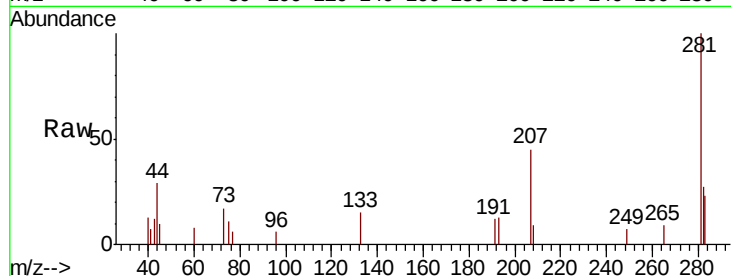
#81
trans-1,4-Dichloro-2-butene
Concen: 0.244 ug/l m
RT: 12.31 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN058746.D
Acq: 14 Oct 2019 13:58

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.4	117.6#
89	0.0	34.9	52.3#

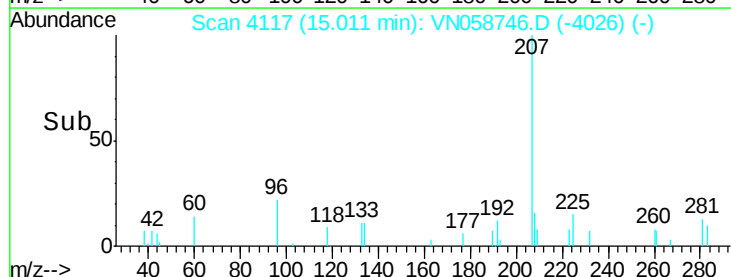
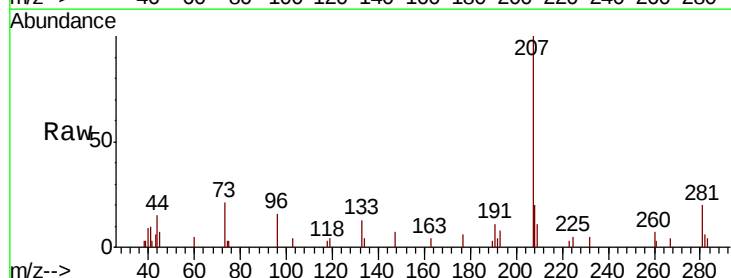
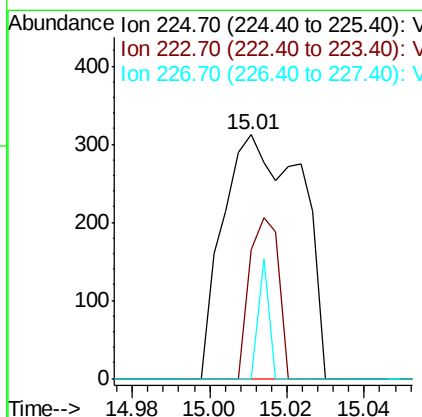
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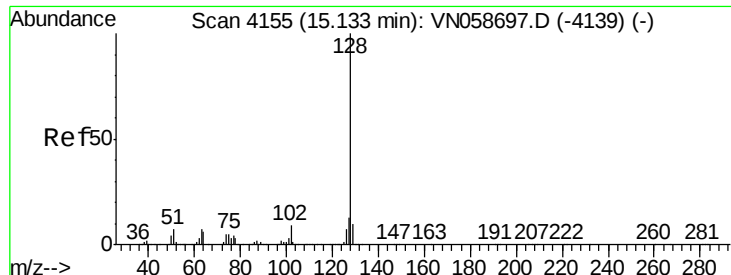
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10/16/2019 12:56:48 AM



#94
Hexachlorobutadiene
Concen: 0.210 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. -0.01 min
Lab File: VN058746.D
Acq: 14 Oct 2019 13:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	24.7	32.3	96.8#
227	6.9	32.4	97.0#





#95
Naphthalene
Concen: 0.229 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN058746.D
Acq: 14 Oct 2019 13:58

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
127	1.2	10.2	15.4#	
129	4.7	8.5	12.7#	

Manual Integrations
APPROVED

MMDadoda
10/16/2019 12:56:48 AM

