

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
 Data File : VN059393.D
 Acq On : 25 Nov 2019 19:06
 Operator : JC/SP
 Sample : k5933-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 26 00:41:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

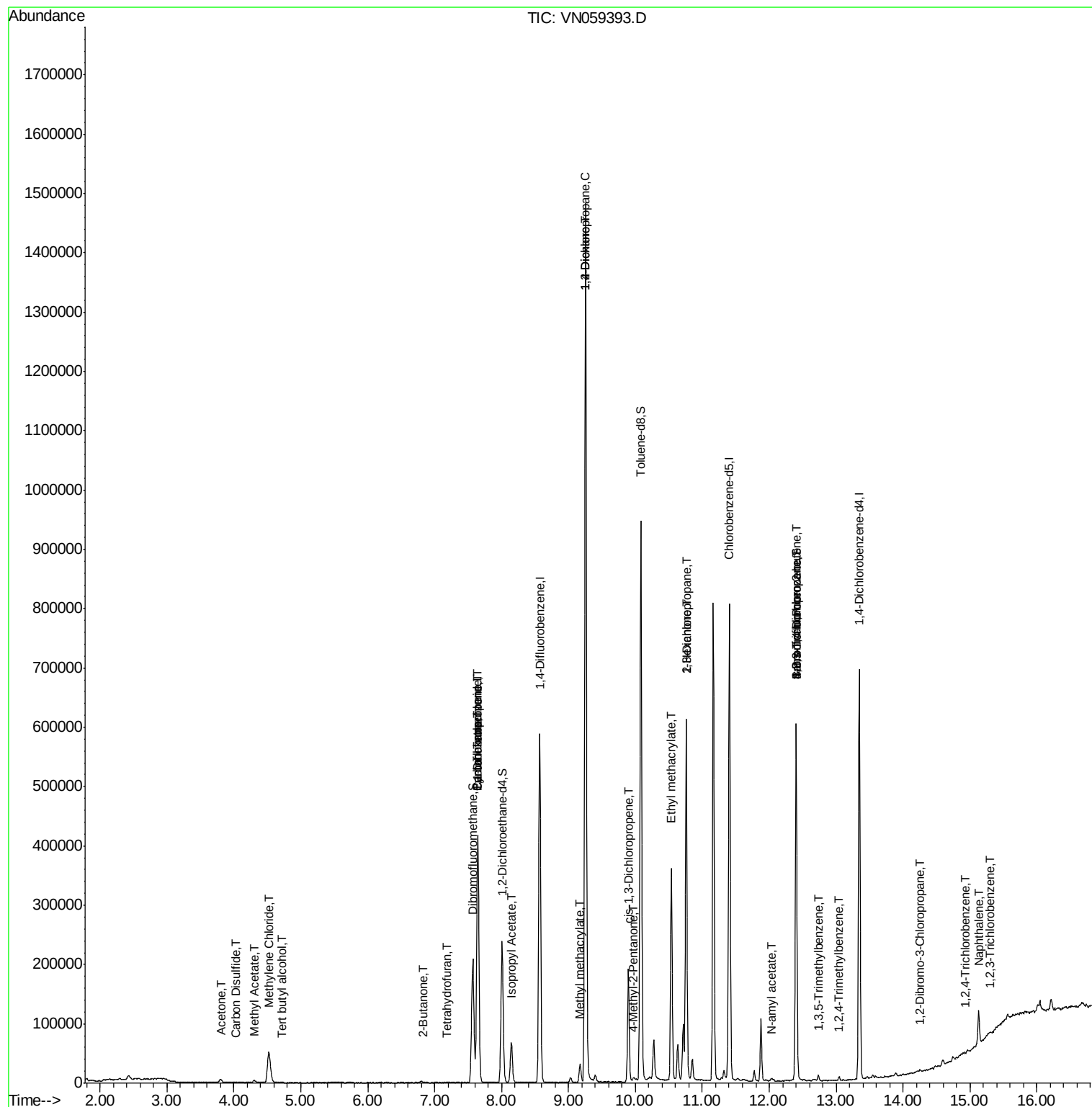
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	351664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	544048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	482512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	191051	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	203467	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
35) Dibromofluoromethane	7.57	113	163878	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
50) Toluene-d8	10.08	98	663880	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.40	95	219605	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.72	59	399	0.472	ug/l #	73
16) Acetone	3.80	43	8722	4.610	ug/l	96
17) Carbon Disulfide	4.03	76	1528	0.268	ug/l #	75
18) Methyl Acetate	4.30	43	6324	1.007	ug/l #	87
20) Methylene Chloride	4.52	84	42707	10.009	ug/l	96
25) 2-Butanone	6.83	43	1058	0.360	ug/l #	49
29) Tetrahydrofuran	7.19	42	441	0.217	ug/l #	51
30) Chloroform	7.35	83	438	Below Cal	#	76
31) Cyclohexane	7.64	56	6509	0.876	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	25698	4.575	ug/l #	49
38) Carbon Tetrachloride	7.65	117	32833	6.106	ug/l #	16
43) Isopropyl Acetate	8.15	43	81275	8.810	ug/l #	91
45) 1,2-Dichloropropane	9.25	63	1860	0.423	ug/l #	45
48) Methyl methacrylate	9.17	41	4844	1.155	ug/l #	14
49) 1,4-Dioxane	9.26	88	100	1.586	ug/l #	1
51) 4-Methyl-2-Pentanone	9.97	43	5185	0.960	ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	35120	5.156	ug/l #	64
56) Ethyl methacrylate	10.54	69	1067	2.349	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6423	0.956	ug/l #	42
59) 2-Hexanone	10.76	43	86430	21.860	ug/l #	52
71) Bromoform	12.40	173	1193	0.418	ug/l #	1
74) N-amyl acetate	12.03	43	4144	0.659	ug/l #	44
76) 1,2,3-Trichloropropane	12.40	75	103789	23.515	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	5432	0.413	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	103789	58.815	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.04	105	4224	0.328	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	439	0.399	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.92	180	517	3.058	ug/l #	85
95) Naphthalene	15.13	128	45041	6.914	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	672	2.063	ug/l #	18

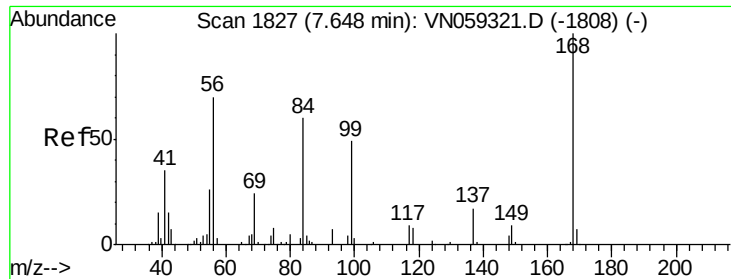
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059393.D

Acq: 25 Nov 2019 19:06

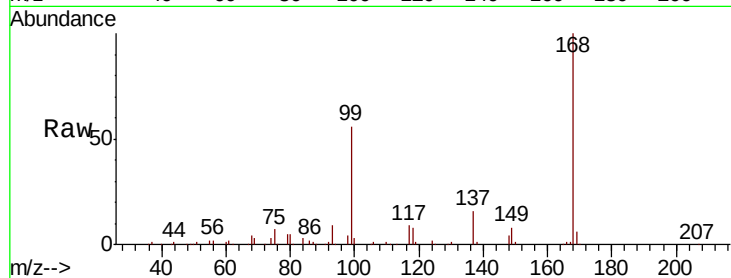
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 351664

Ion Ratio Lower Upper

168 100

99 55.8 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

150000

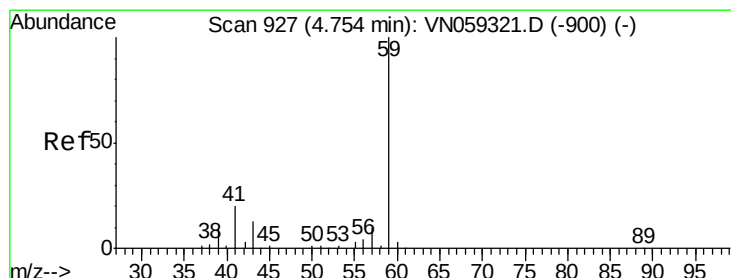
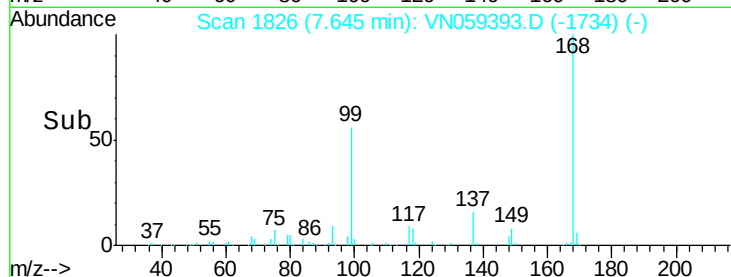
100000

50000

0

7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 0.472 ug/l

RT: 4.72 min Scan# 915

Delta R.T. -0.04 min

Lab File: VN059393.D

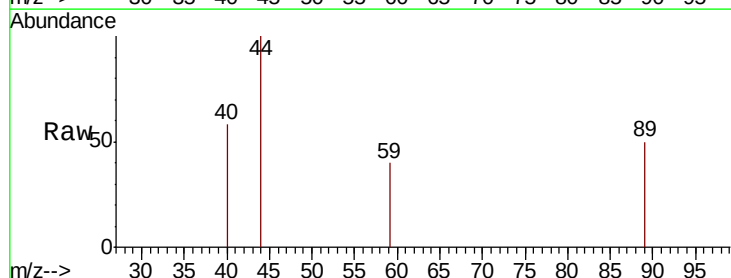
Acq: 25 Nov 2019 19:06

Tgt Ion: 59 Resp: 399

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

250

200

150

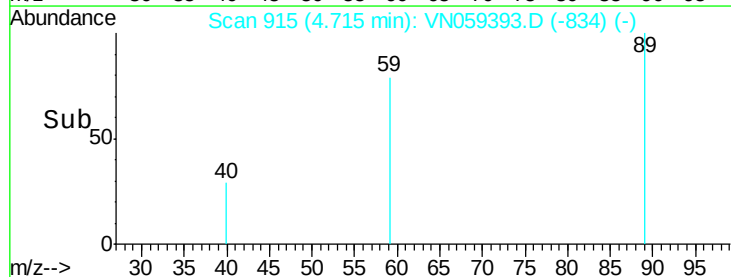
100

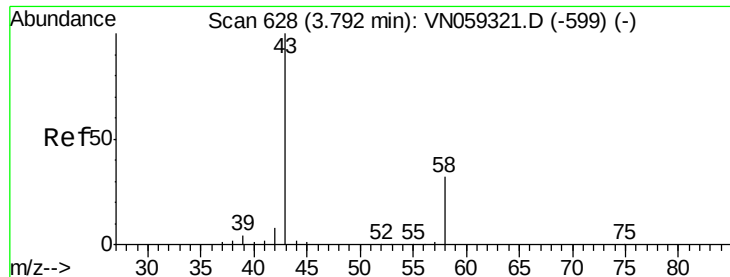
50

0

4.70 4.72 4.74

Time-->





#16

Acetone

Concen: 4.610 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN059393.D

Acq: 25 Nov 2019 19:06

Instrument :

MSVOA_N

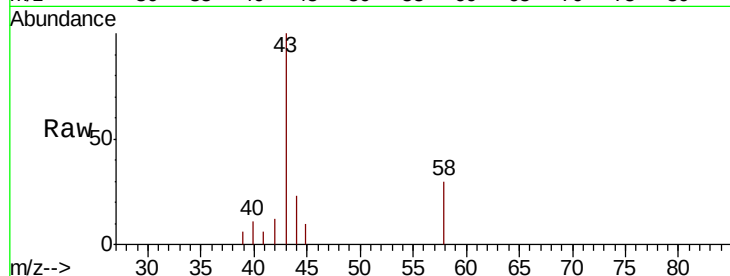
ClientSampled :

Tot Ion: 43 Resp: 8722

Ion Ratio Lower Upper

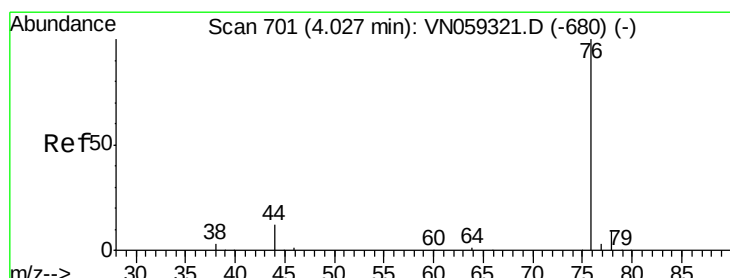
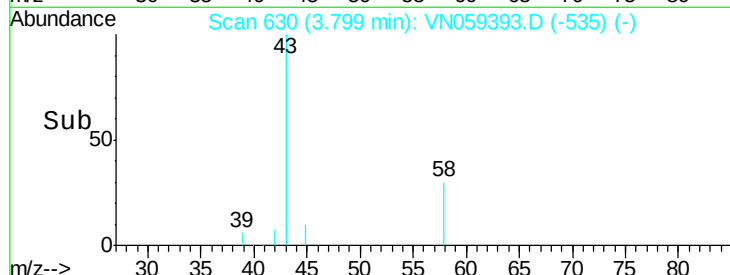
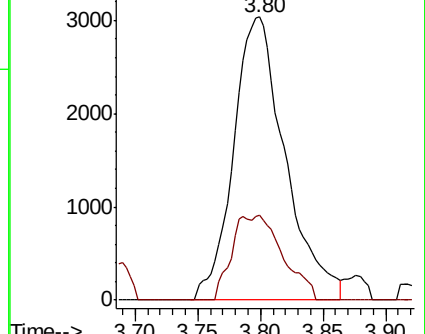
43 100

58 30.1 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.268 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059393.D

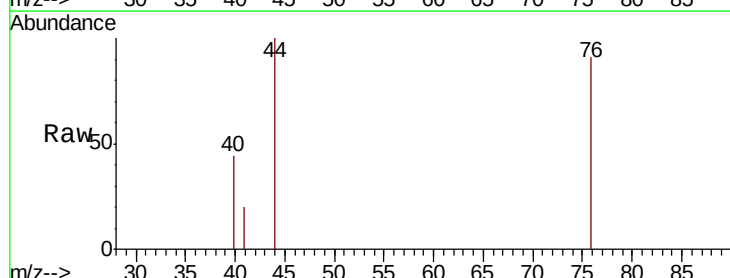
Acq: 25 Nov 2019 19:06

Tgt Ion: 76 Resp: 1528

Ion Ratio Lower Upper

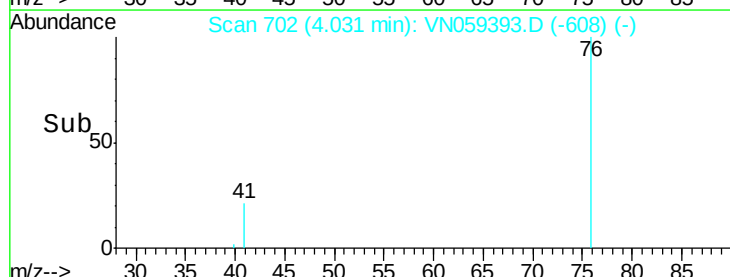
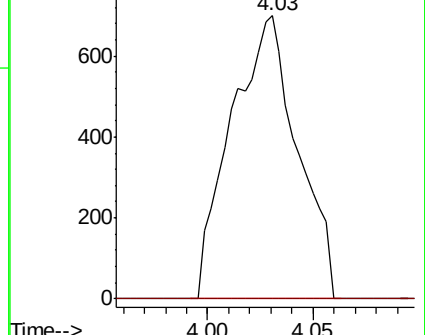
76 100

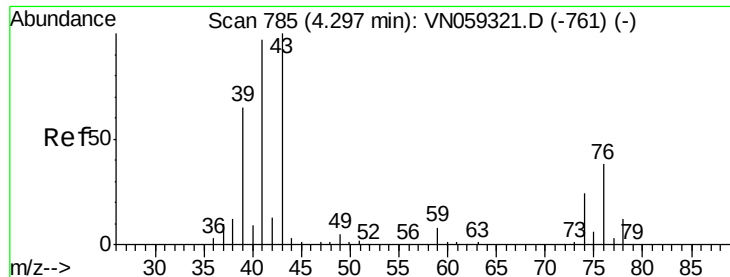
78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

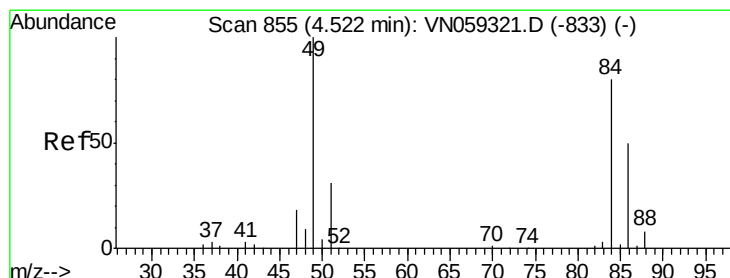
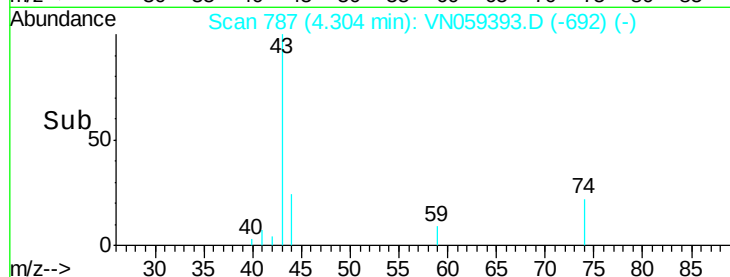
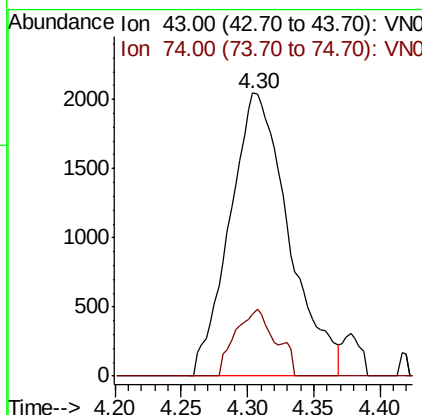
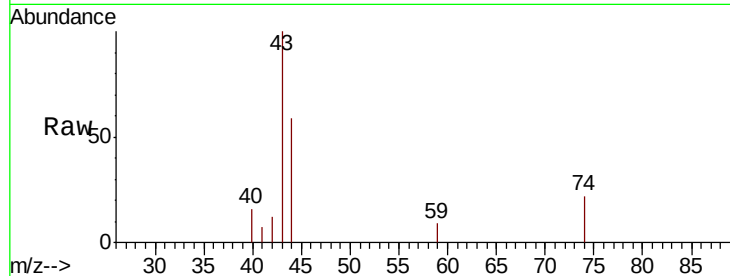




#18
Methyl Acetate
Concen: 1.007 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.01 min
Lab File: VN059393.D
Acq: 25 Nov 2019 19:06

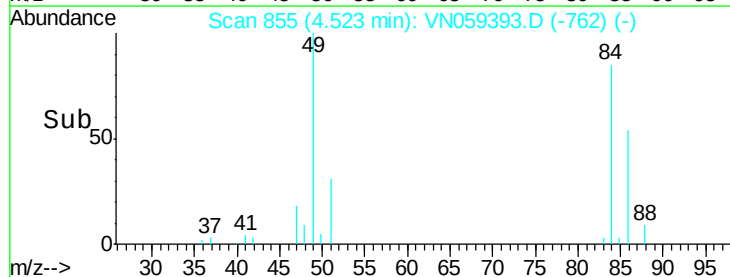
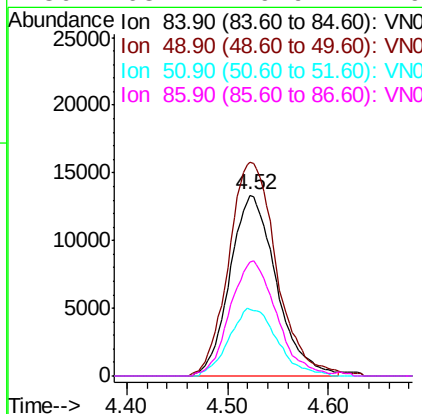
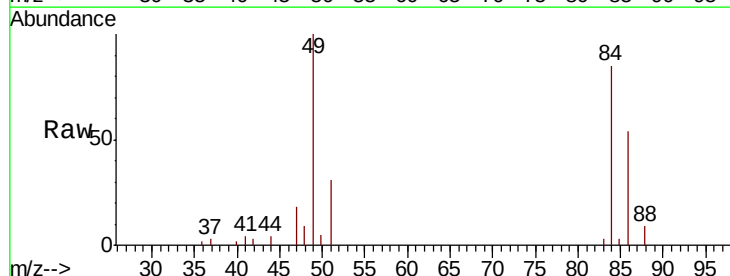
Instrument :
MSVOA_N
ClientSampleId :

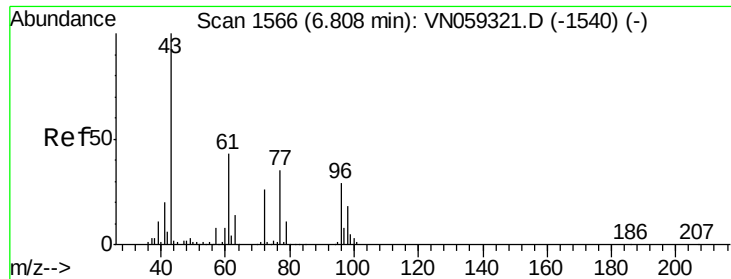
Tot Ion: 43 Resp: 6324
Ion Ratio Lower Upper
43 100
74 16.2 18.1 27.1#



#20
Methylene Chloride
Concen: 10.009 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059393.D
Acq: 25 Nov 2019 19:06

Tgt Ion: 84 Resp: 42707
Ion Ratio Lower Upper
84 100
49 118.3 99.5 149.3
51 37.1 31.1 46.7
86 63.4 49.9 74.9





#25

2-Butanone

Concen: 0.360 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.02 min

Lab File: VN059393.D

Acq: 25 Nov 2019 19:06

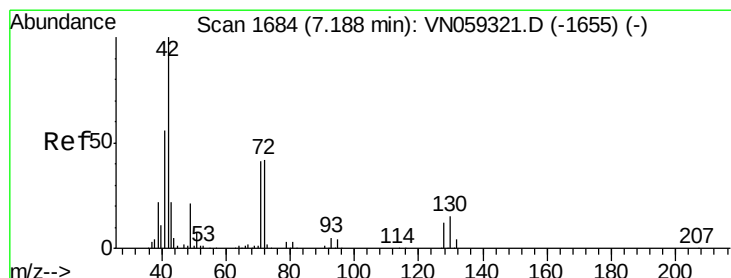
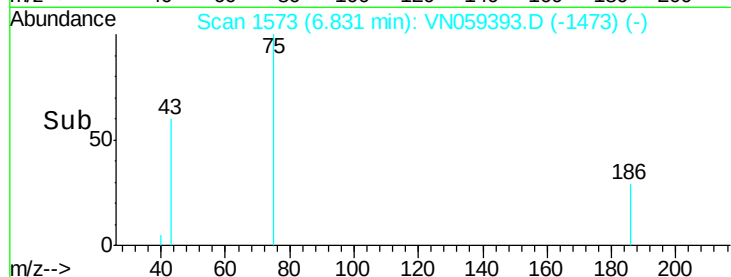
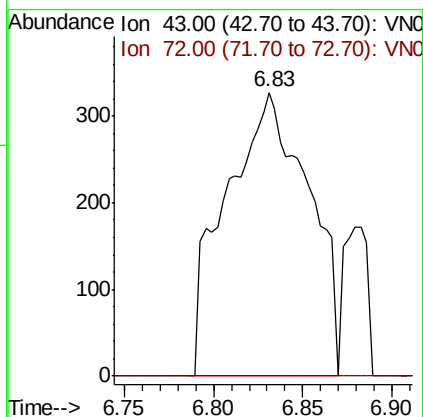
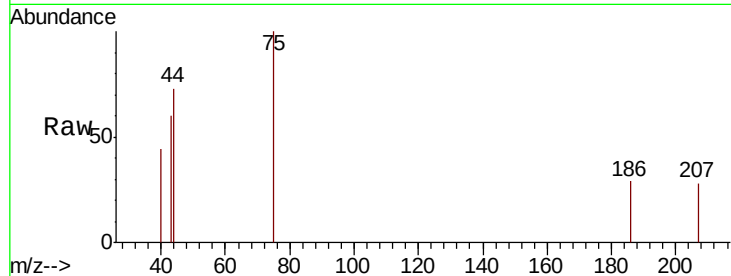
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1058

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#



#29

Tetrahydrofuran

Concen: 0.217 ug/l

RT: 7.19 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VN059393.D

Acq: 25 Nov 2019 19:06

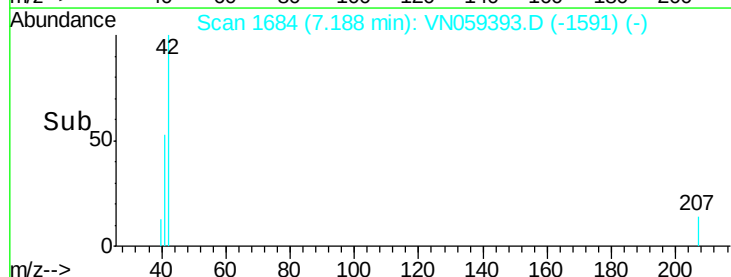
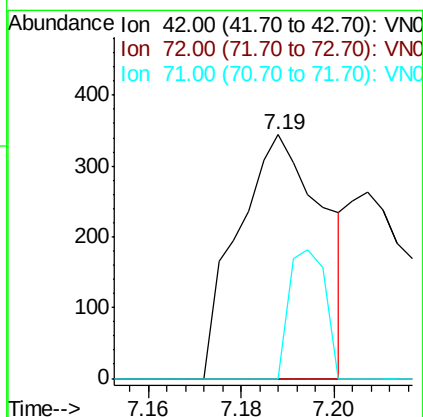
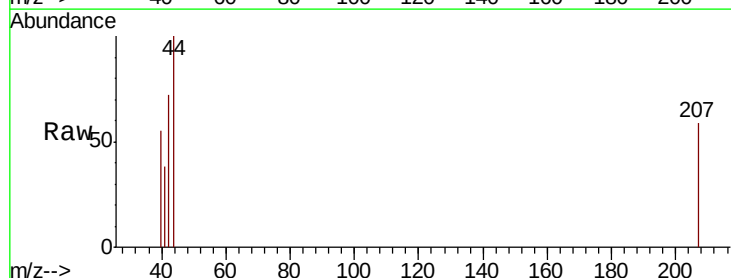
Tgt Ion: 42 Resp: 441

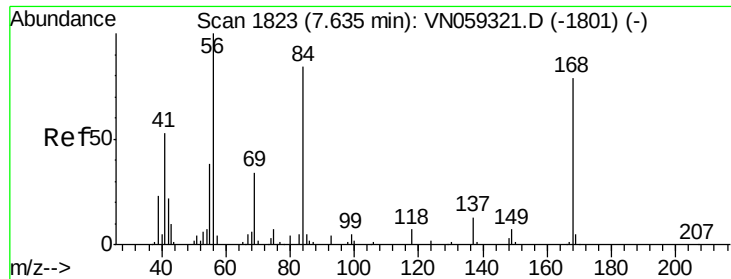
Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.2#

71 22.2 32.6 48.8#

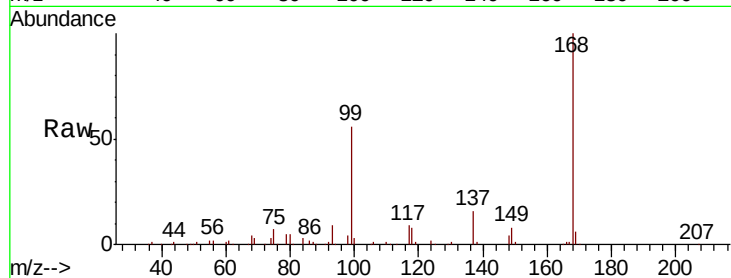




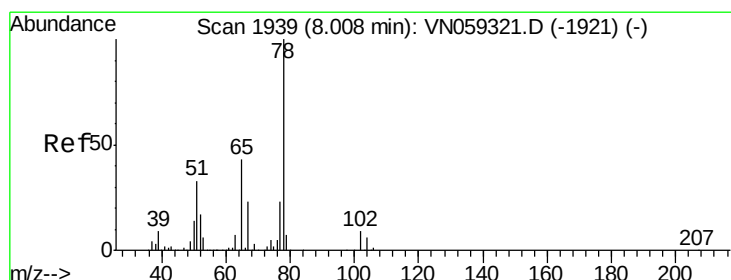
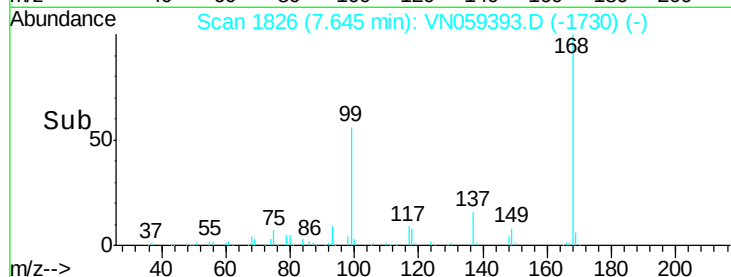
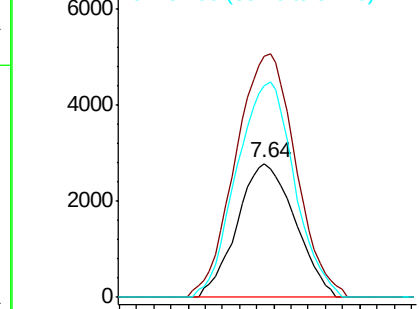
#31
Cyclohexane
Concen: 0.876 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059393.D
Acq: 25 Nov 2019 19:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 6509
Ion Ratio Lower Upper
56 100
69 175.1 26.6 40.0#
84 157.9 67.0 100.4#

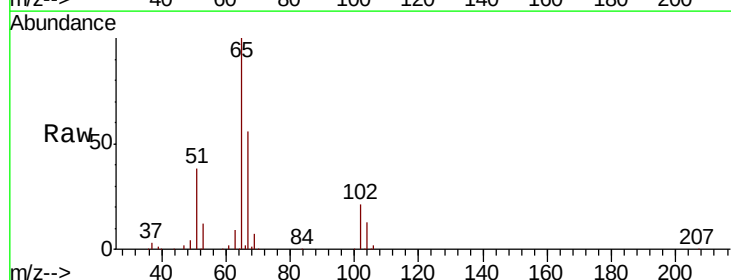


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

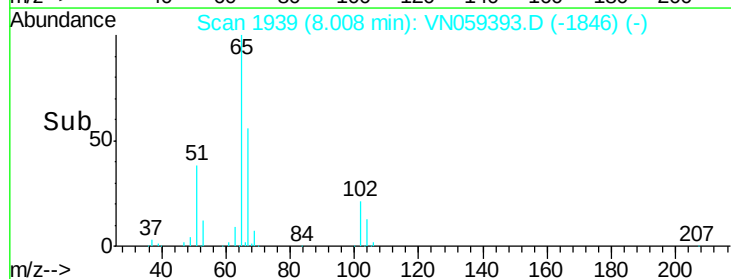
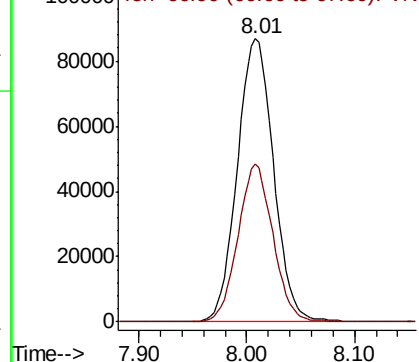


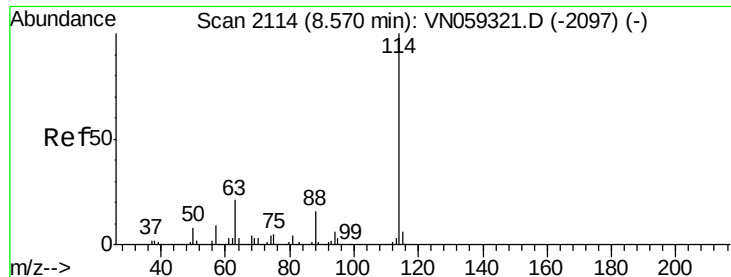
#33
1,2-Dichloroethane-d4
Concen: 48.222 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059393.D
Acq: 25 Nov 2019 19:06

Tgt Ion: 65 Resp: 203467
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC

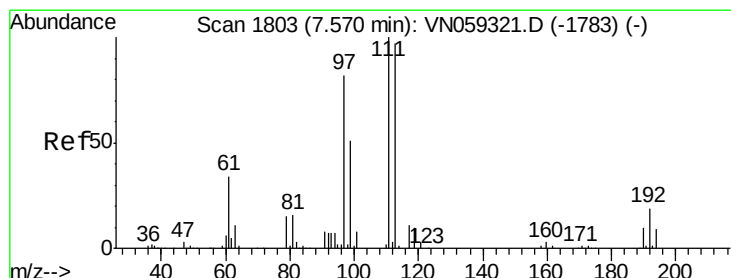
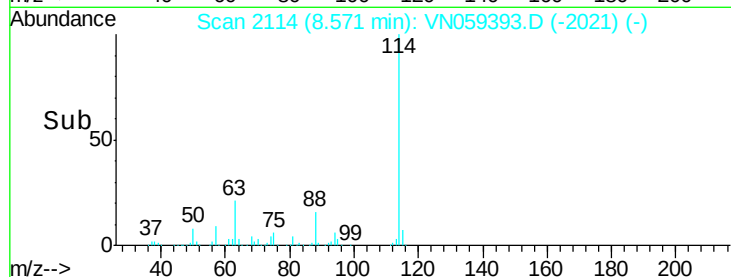
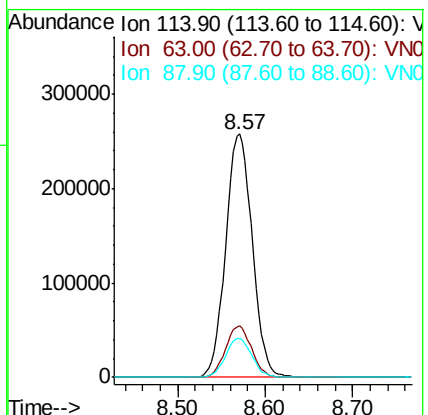
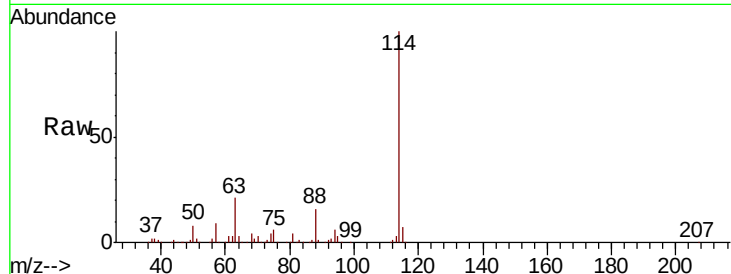




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059393.D
 Acq: 25 Nov 2019 19:06

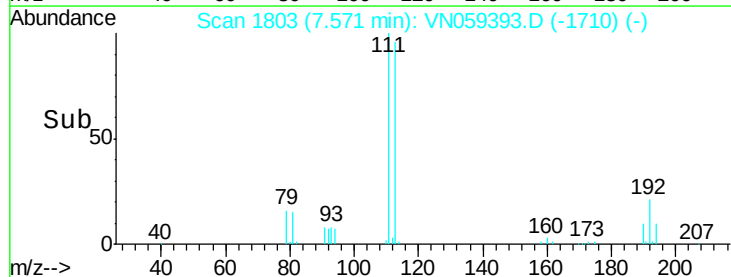
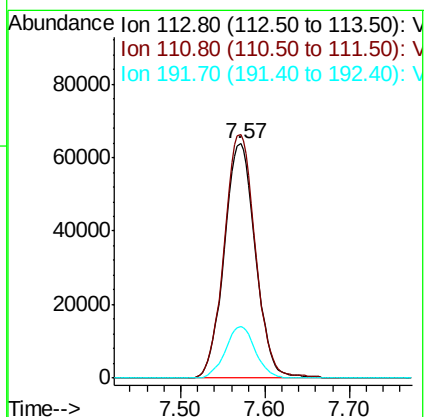
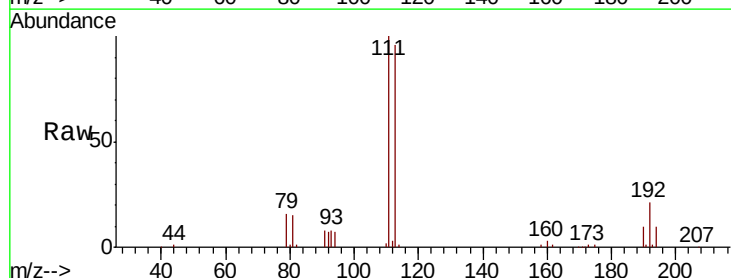
Instrument :
 MSVOA_N
 ClientSampleId :

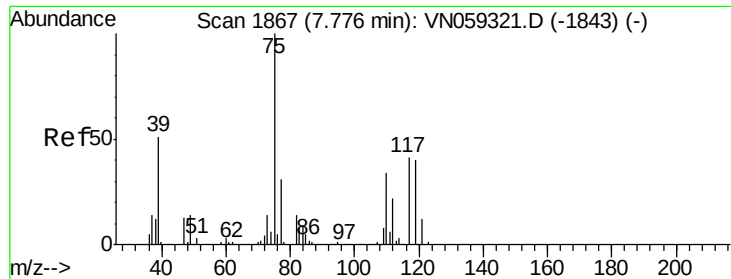
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	42.2
88	15.9	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 50.208 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059393.D
 Acq: 25 Nov 2019 19:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.7	124.1
192	21.2	16.3	24.5

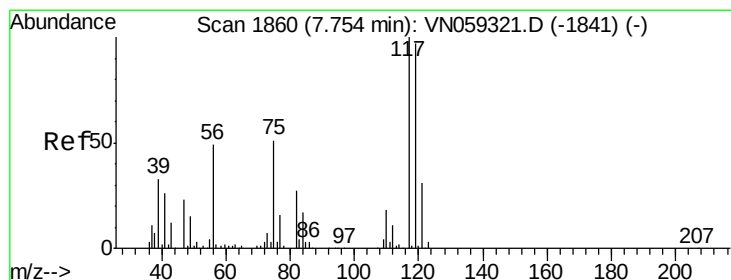
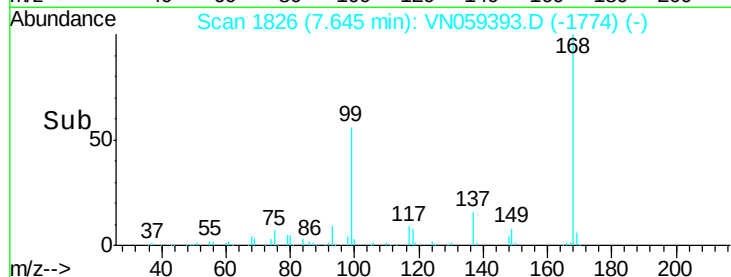
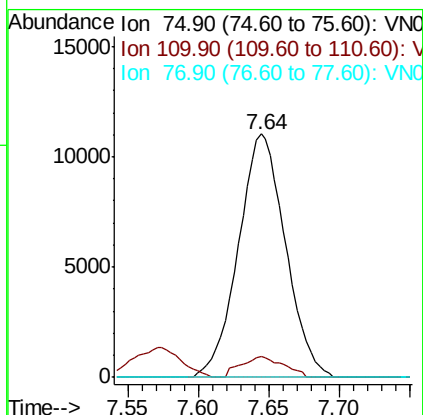
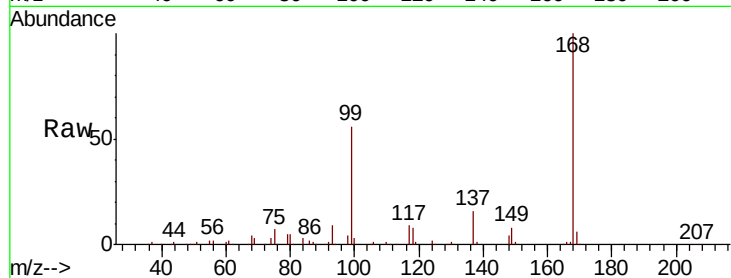




#36
 1,1-Dichloropropene
 Concen: 4.575 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059393.D
 Acq: 25 Nov 2019 19:06

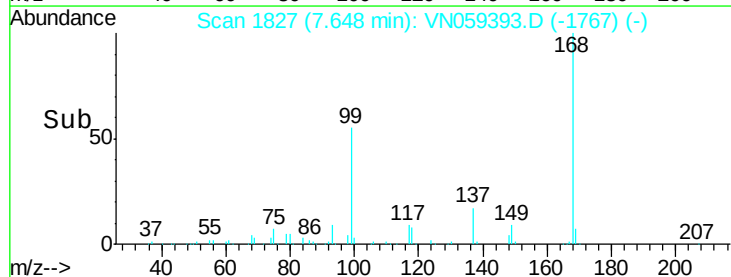
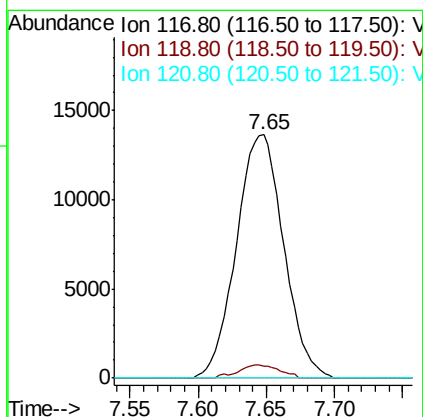
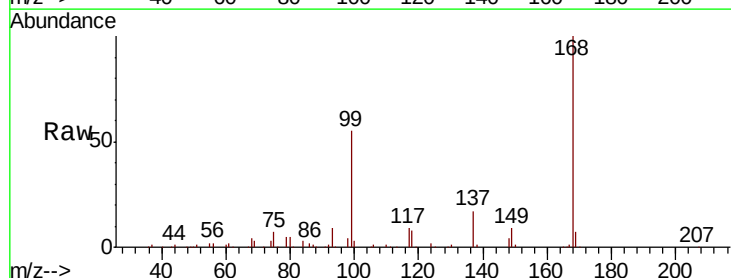
Instrument :
 MSVOA_N
 ClientSampled :

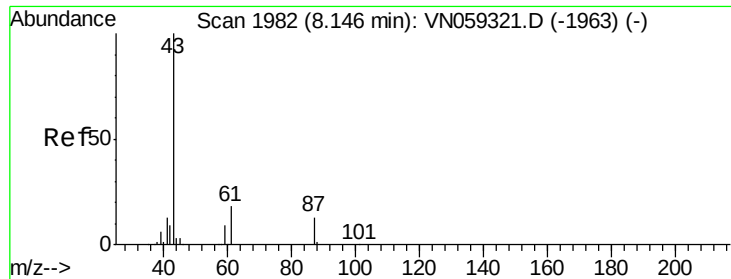
Tot Ion	75	Resp	25698
Ion Ratio	Lower	Upper	
75	100		
110	7.7	17.0	51.0#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.106 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.11 min
 Lab File: VN059393.D
 Acq: 25 Nov 2019 19:06

Tgt Ion	117	Resp	32833
Ion Ratio	Lower	Upper	
117	100		
119	5.1	77.0	115.4#
121	0.0	24.4	36.6#





#43

Isopropyl Acetate

Concen: 8.810 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059393.D

Acq: 25 Nov 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

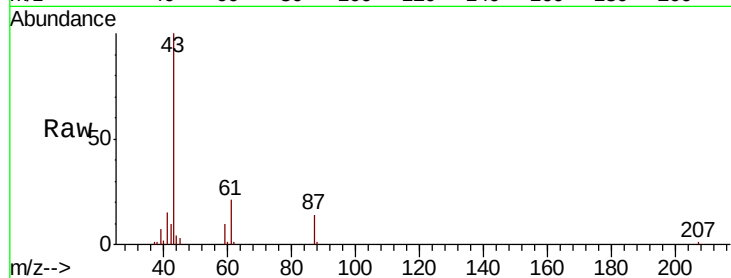
Tot Ion: 43 Resp: 81275

Ion Ratio Lower Upper

43 100

61 20.3 21.7 32.5#

87 13.5 10.2 15.4

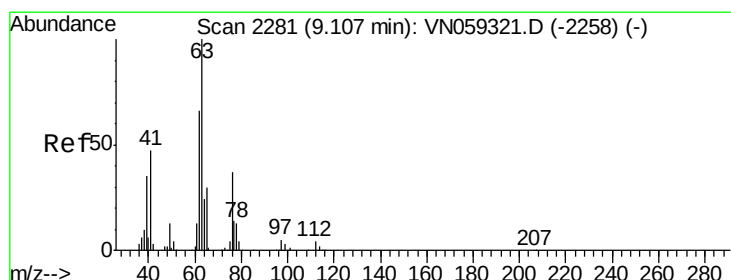
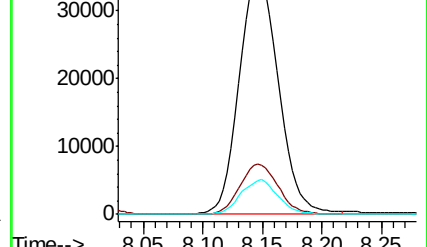
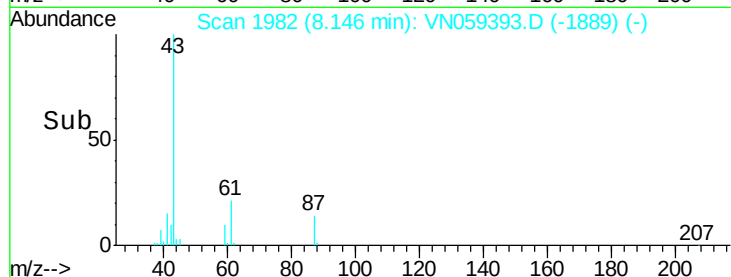


Abundance Ion 43.00 (42.70 to 43.70): VN059393.D (-1889) (-)

Ion 61.00 (60.70 to 61.70): VN059393.D (-1889) (-)

Ion 87.00 (86.70 to 87.70): VN059393.D (-1889) (-)

Time-->



#45

1,2-Dichloropropane

Concen: 0.423 ug/l

RT: 9.25 min Scan# 2325

Delta R.T. 0.14 min

Lab File: VN059393.D

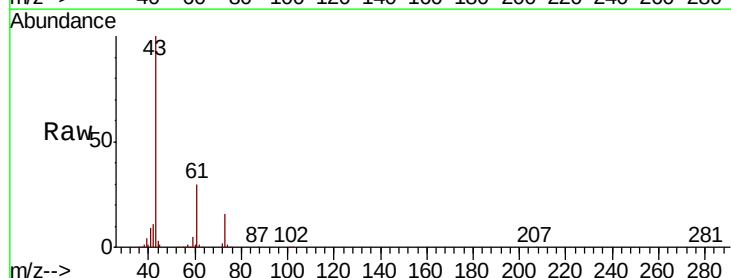
Acq: 25 Nov 2019 19:06

Tgt Ion: 63 Resp: 1860

Ion Ratio Lower Upper

63 100

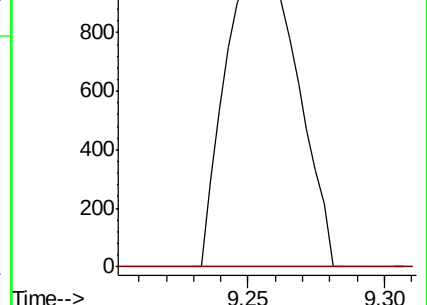
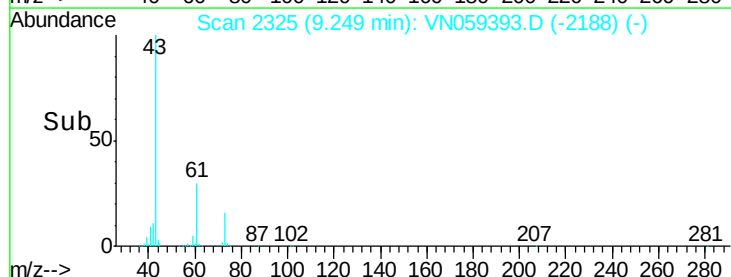
65 0.0 23.9 35.9#

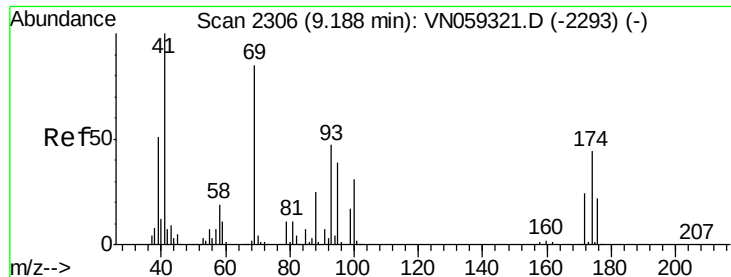


Abundance Ion 62.90 (62.60 to 63.60): VN059393.D (-2188) (-)

Ion 64.90 (64.60 to 65.60): VN059393.D (-2188) (-)

Time-->

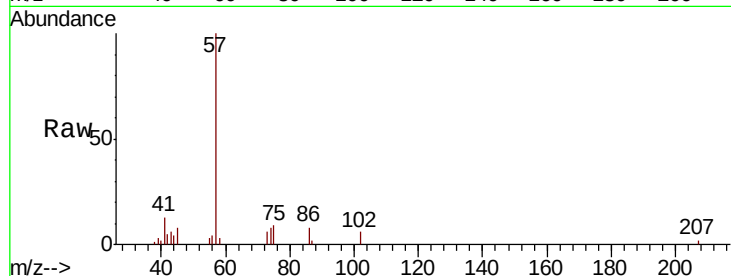




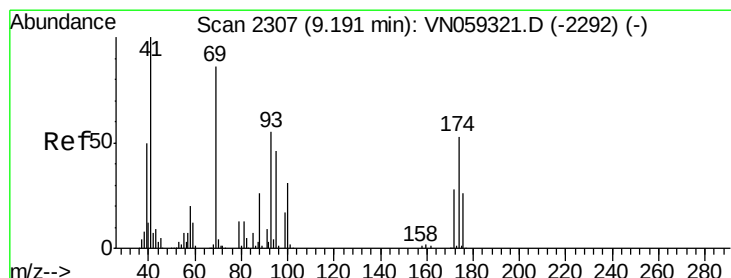
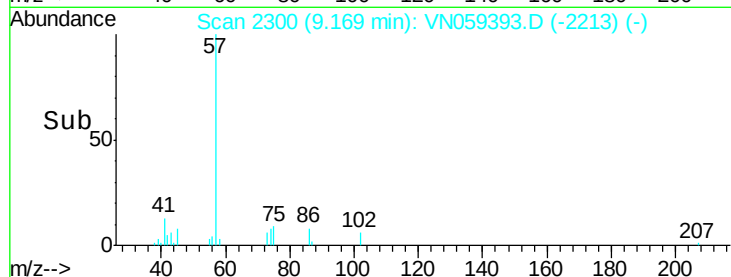
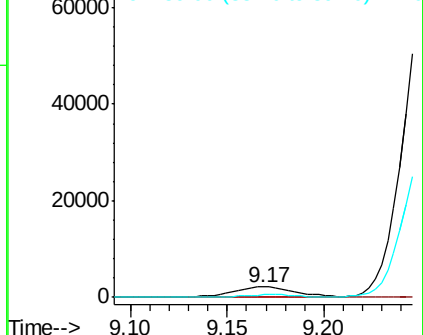
#48
Methvl methacrylate
Concen: 1.155 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.02 min
Lab File: VN059393.D
Acq: 25 Nov 2019 19:06

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 4844
Ion Ratio Lower Upper
41 100
69 0.0 68.8 103.2#
39 0.0 42.1 63.1#

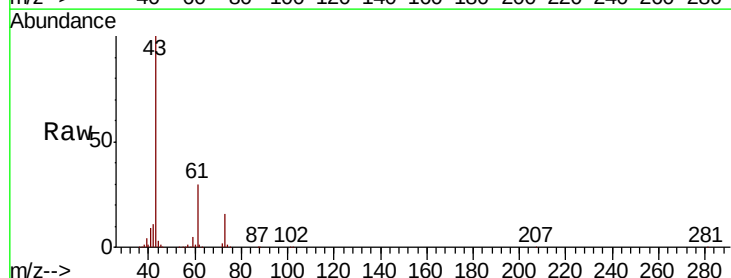


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

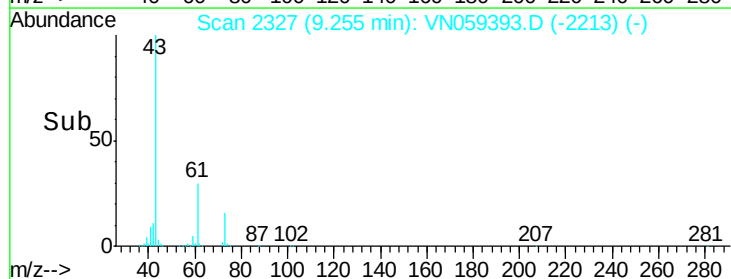
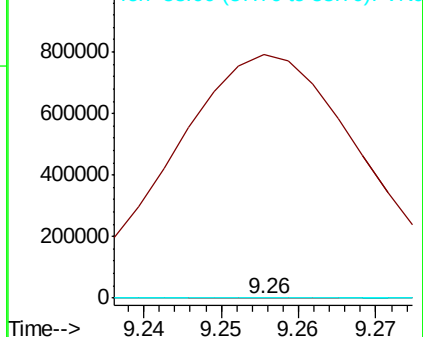


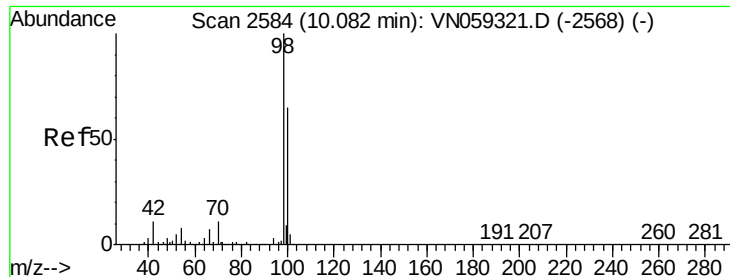
#49
1,4-Dioxane
Concen: 1.586 ug/l
RT: 9.26 min Scan# 2327
Delta R.T. 0.07 min
Lab File: VN059393.D
Acq: 25 Nov 2019 19:06

Tgt Ion: 88 Resp: 100
Ion Ratio Lower Upper
88 100
43 1449774.0 26.9 40.3#
58 6203.0 59.2 88.8#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0





#50

Toluene-d8

Concen: 51.163 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059393.D

Acq: 25 Nov 2019 19:06

Instrument :

MSVOA_N

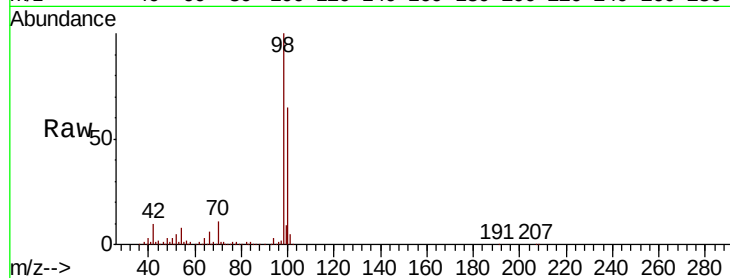
ClientSampled :

Tot Ion: 98 Resp: 663880

Ion Ratio Lower Upper

98 100

100 65.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

400000

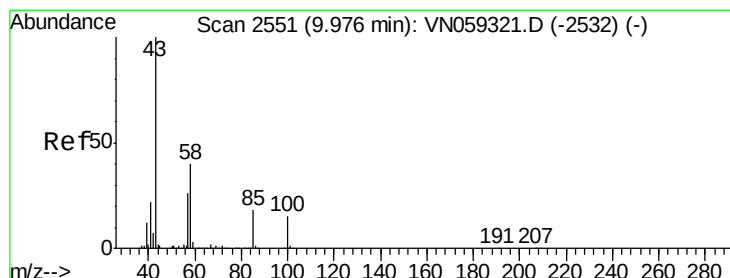
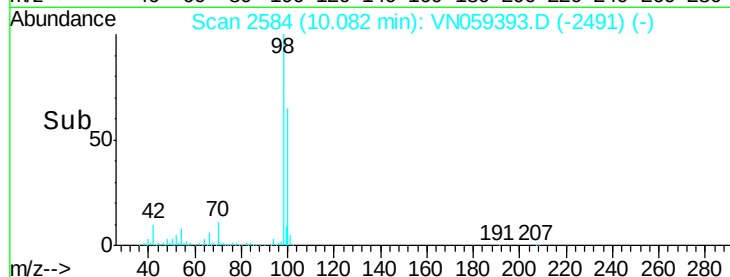
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.960 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059393.D

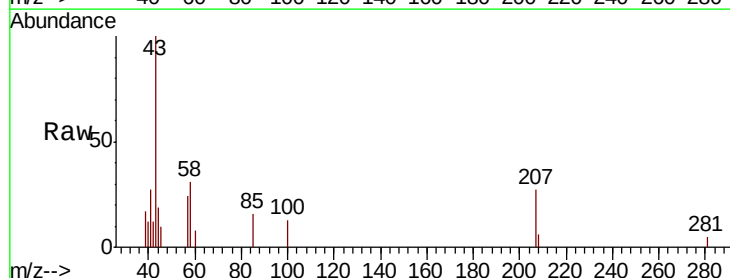
Acq: 25 Nov 2019 19:06

Tgt Ion: 43 Resp: 5185

Ion Ratio Lower Upper

43 100

58 36.2 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10000

8000

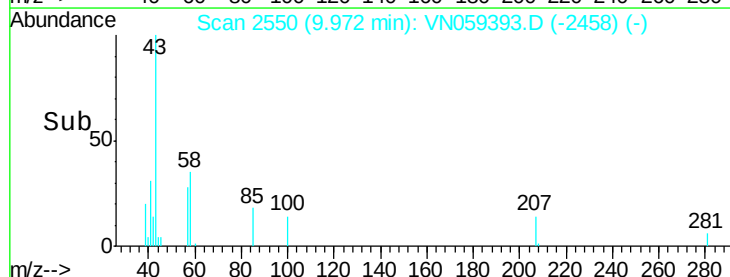
6000

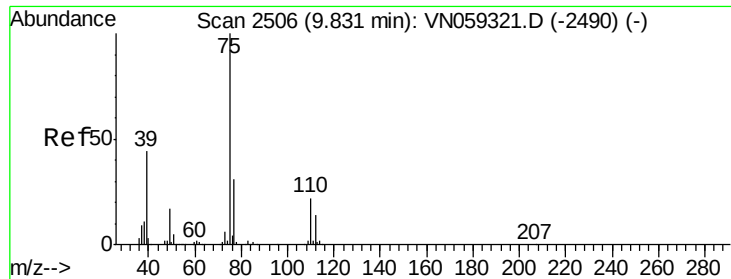
4000

2000

0

Time-->





#54

cis-1,3-Dichloropropene

Concen: 5.156 ug/l

RT: 9.90 min Scan# 2526

Delta R.T. 0.06 min

Lab File: VN059393.D

Acq: 25 Nov 2019 19:06

Instrument :
MSVOA_N
ClientSampleId :

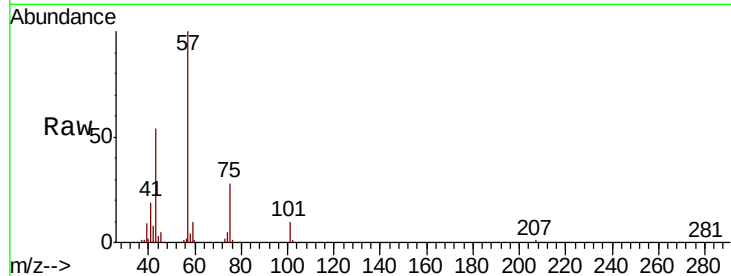
Tot Ion: 75 Resp: 35120

Ion Ratio Lower Upper

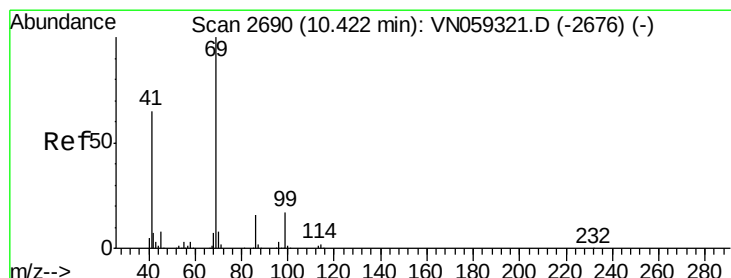
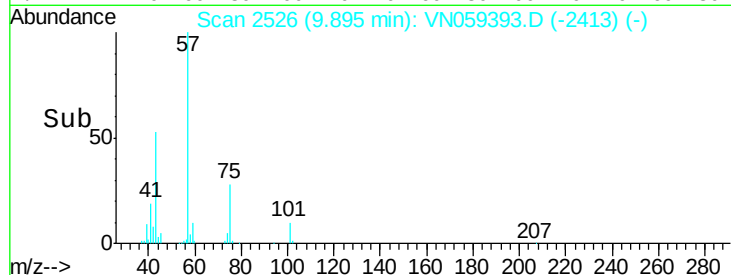
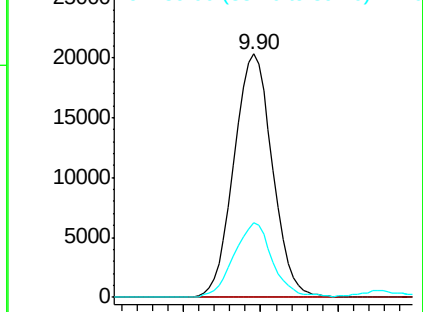
75 100

77 0.0 25.0 37.4#

39 30.4 35.5 53.3#



Abundance Ion 74.90 (74.60 to 75.60): VNC
Ion 76.90 (76.60 to 77.60): VNC
Ion 39.00 (38.70 to 39.70): VNC



#56

Ethyl methacrylate

Concen: 2.349 ug/l

RT: 10.54 min Scan# 2726

Delta R.T. 0.12 min

Lab File: VN059393.D

Acq: 25 Nov 2019 19:06

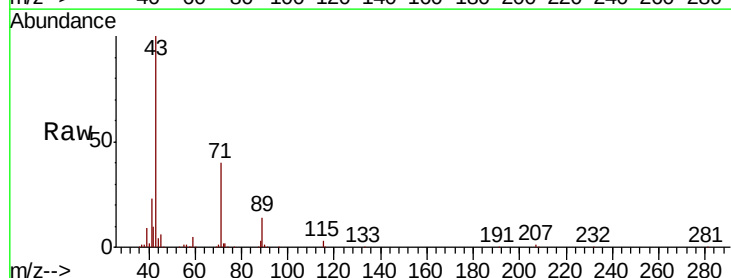
Tgt Ion: 69 Resp: 1067

Ion Ratio Lower Upper

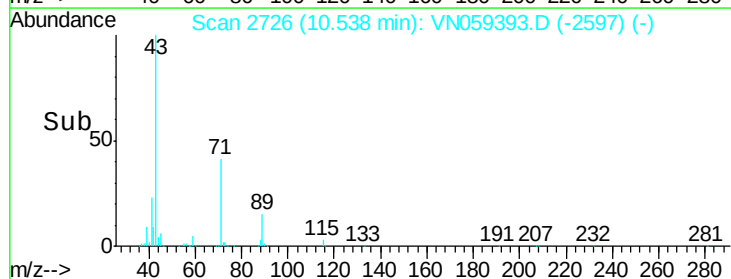
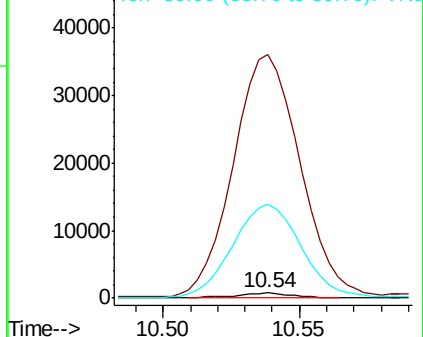
69 100

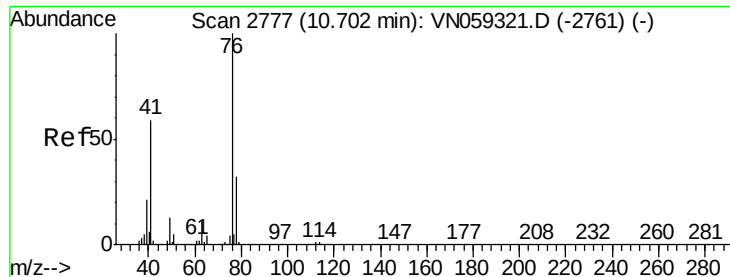
41 5725.4 51.7 77.5#

39 2318.0 25.2 37.8#



Abundance Ion 69.00 (68.70 to 69.70): VNC
Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

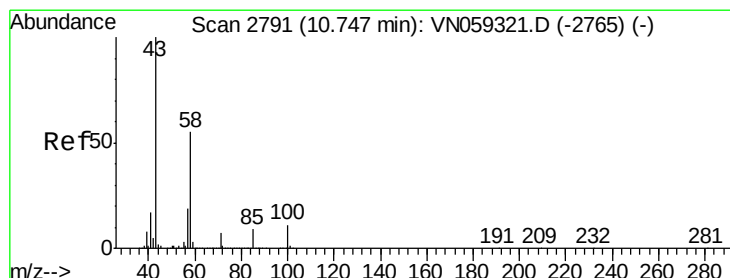
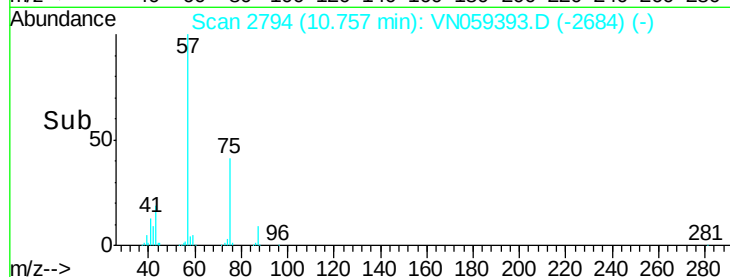
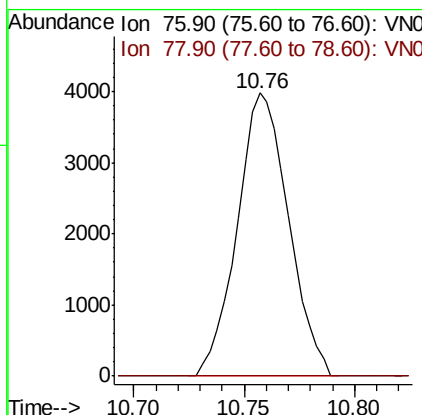
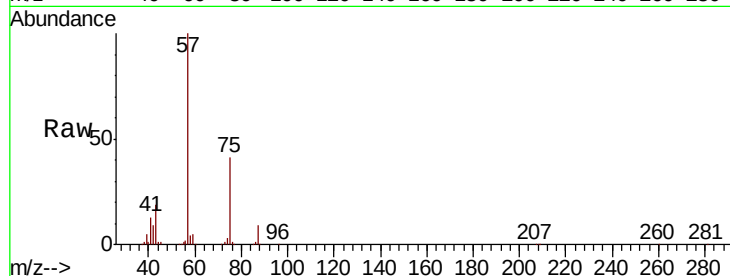




#57
 1,3-Dichloropropane
 Concen: 0.956 ug/l
 RT: 10.76 min Scan# 2794
 Delta R.T. 0.05 min
 Lab File: VN059393.D
 Acq: 25 Nov 2019 19:06

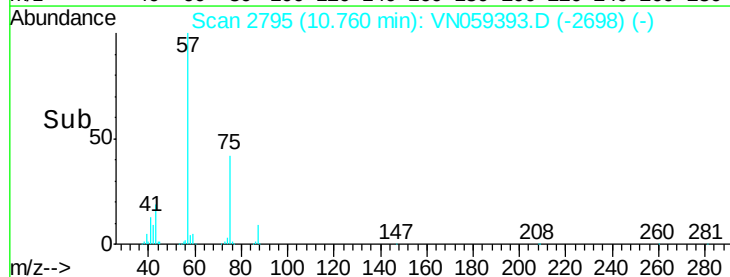
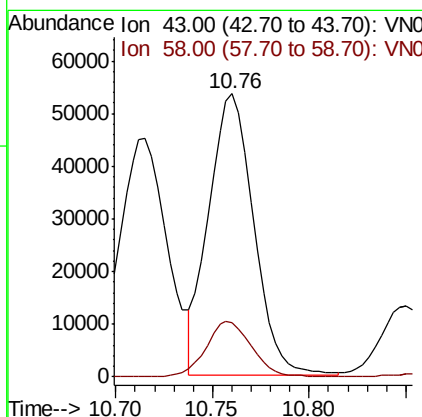
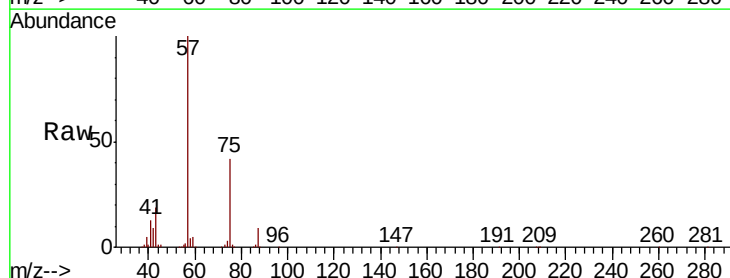
Instrument :
 MSVOA_N
 ClientSampled :

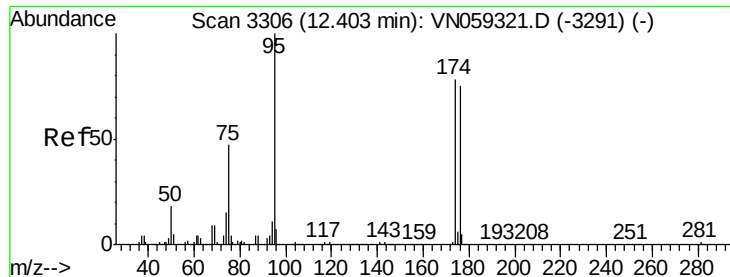
Tot Ion: 76 Resp: 6423
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#



#59
 2-Hexanone
 Concen: 21.860 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN059393.D
 Acq: 25 Nov 2019 19:06

Tgt Ion: 43 Resp: 86430
 Ion Ratio Lower Upper
 43 100
 58 20.2 27.7 83.0#





#62

4-Bromofluorobenzene

Concen: 48.403 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059393.D

Acq: 25 Nov 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

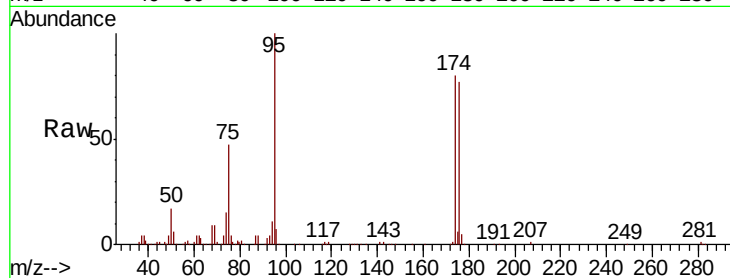
Tot Ion: 95 Resp: 219605

Ion Ratio Lower Upper

95 100

174 79.6 0.0 157.4

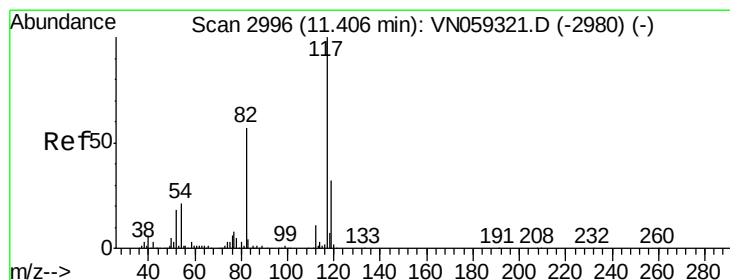
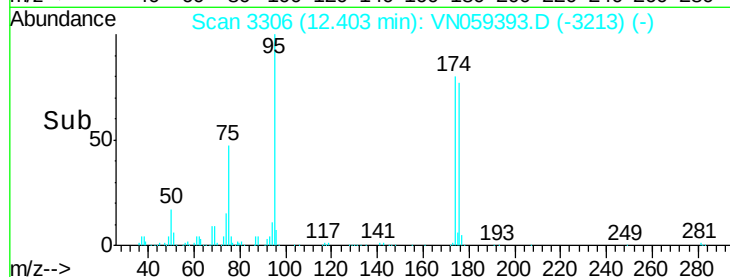
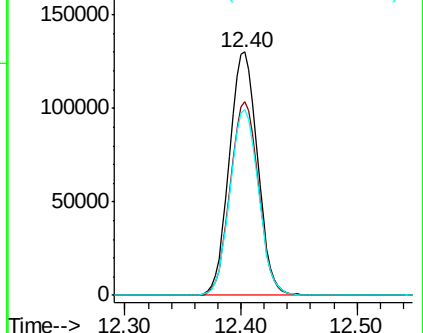
176 76.9 0.0 151.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059393.D

Acq: 25 Nov 2019 19:06

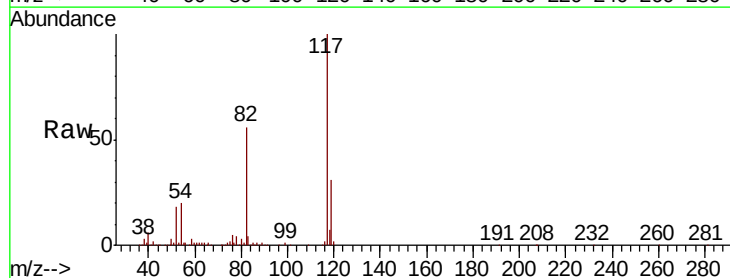
Tgt Ion: 117 Resp: 482512

Ion Ratio Lower Upper

117 100

82 56.3 45.7 68.5

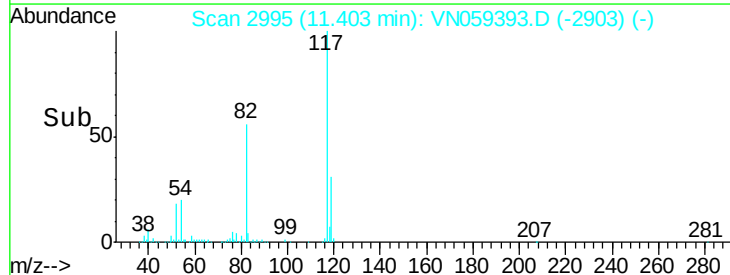
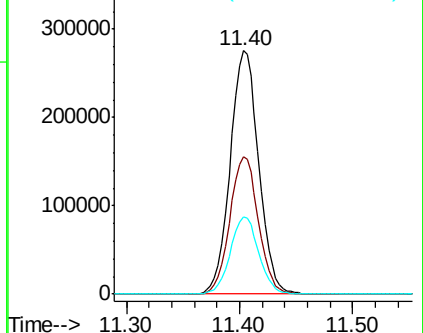
119 31.5 25.8 38.6

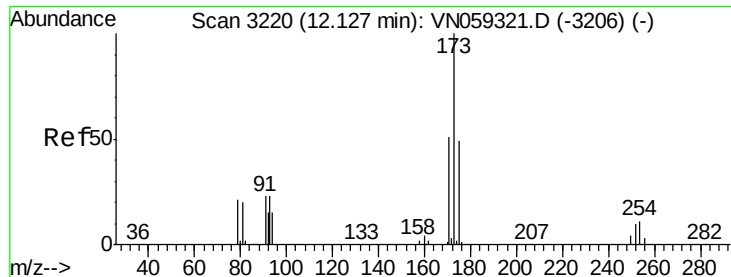


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#71

Bromoform

Concen: 0.418 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN059393.D

Acq: 25 Nov 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

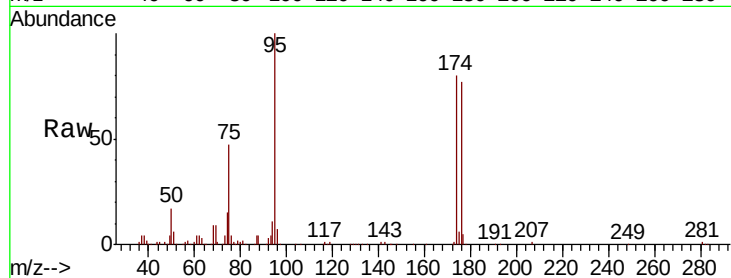
Tot Ion:173 Resp: 1193

Ion Ratio Lower Upper

173 100

175 878.0 24.6 73.6#

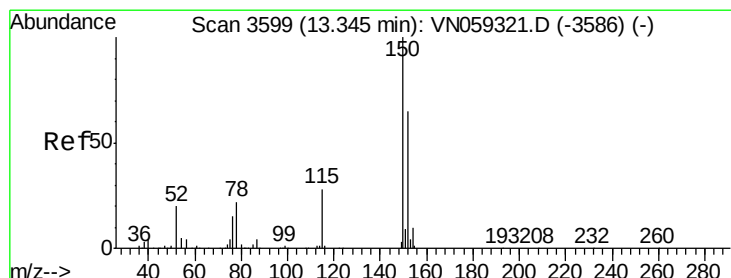
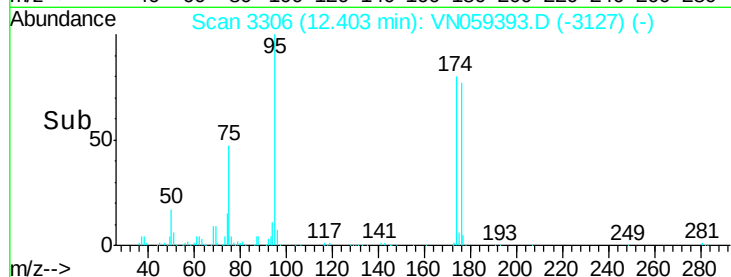
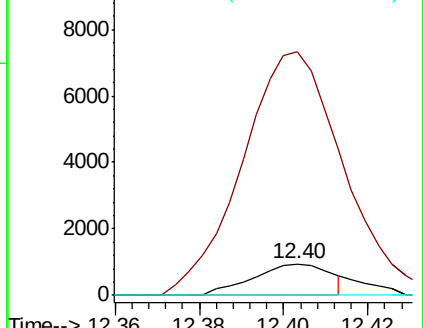
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059393.D

Acq: 25 Nov 2019 19:06

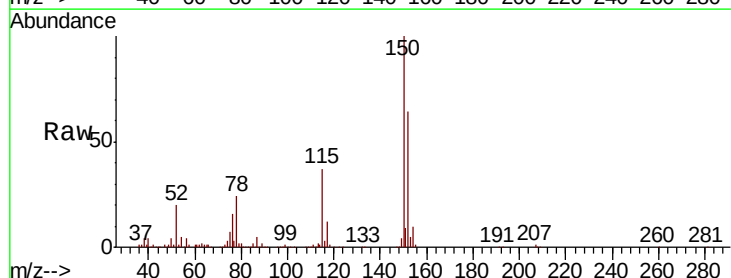
Tgt Ion:152 Resp: 191051

Ion Ratio Lower Upper

152 100

115 58.4 29.3 88.0

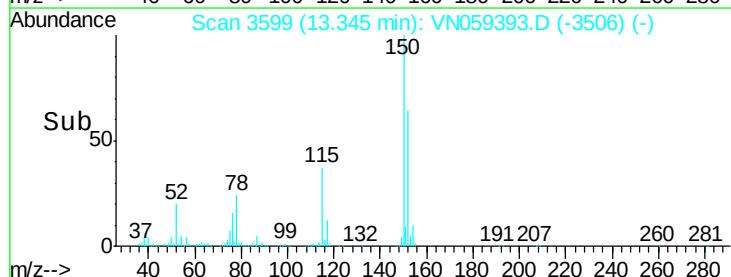
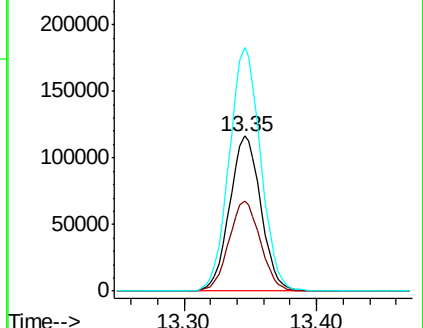
150 157.6 0.0 346.0

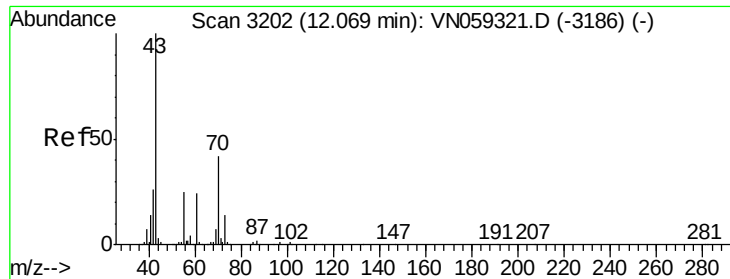


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

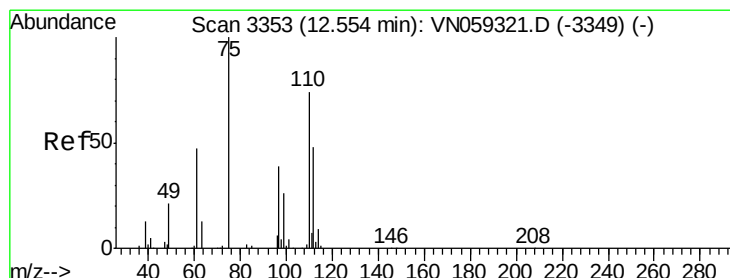
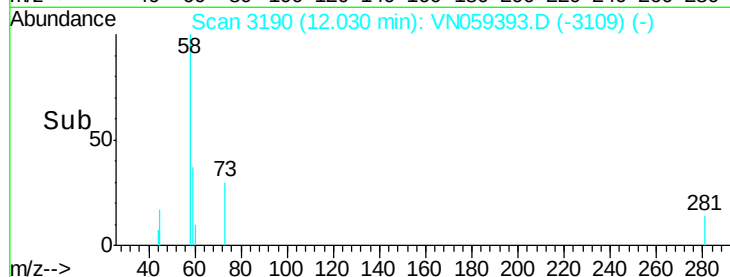
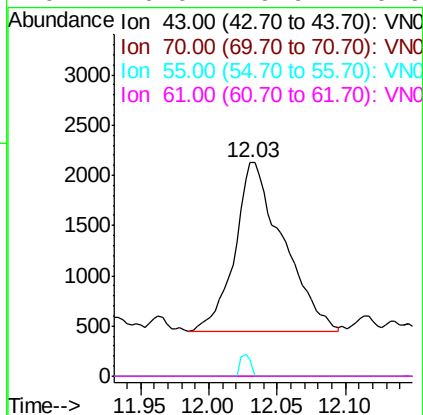
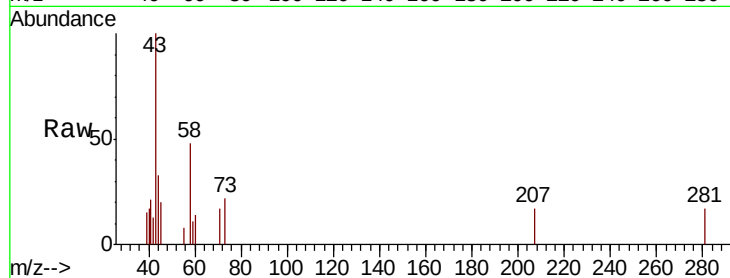




#74
N-amvl acetate
Concen: 0.659 ug/l
RT: 12.03 min Scan# 3190
Delta R.T. -0.04 min
Lab File: VN059393.D
Acq: 25 Nov 2019 19:06

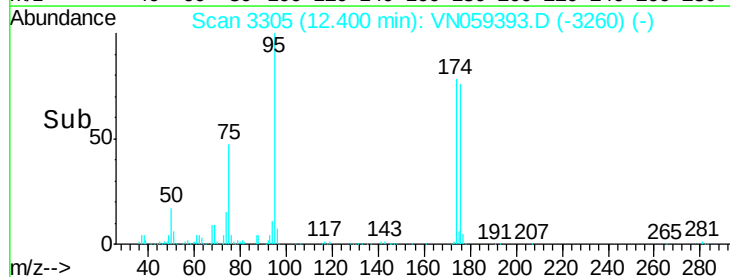
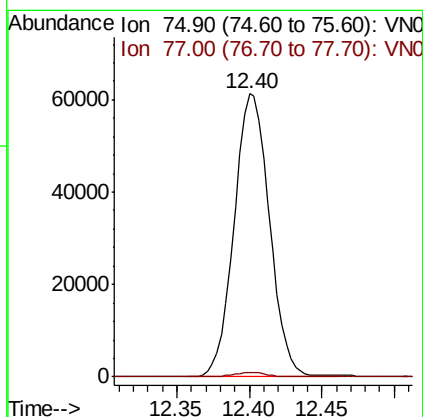
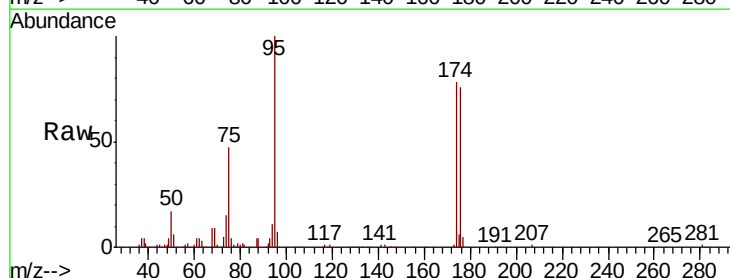
Instrument :
MSVOA_N
ClientSampleId :

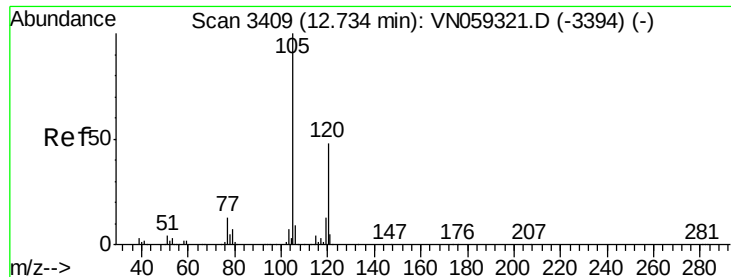
Tot Ion: 43 Resp: 4144
Ion Ratio Lower Upper
43 100
70 0.0 33.8 50.6#
55 2.7 20.3 30.5#
61 0.0 19.9 29.9#



#76
1,2,3-Trichloropropane
Concen: 23.515 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN059393.D
Acq: 25 Nov 2019 19:06

Tgt Ion: 75 Resp: 103789
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#80

1,3,5-Trimethylbenzene

Concen: 0.413 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059393.D

Acq: 25 Nov 2019 19:06

Instrument :

MSVOA_N

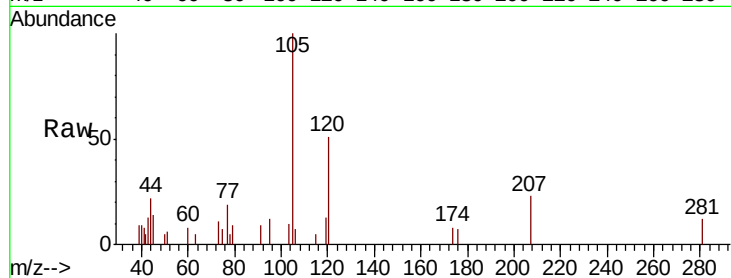
ClientSampled :

Tot Ion:105 Resp: 5432

Ion Ratio Lower Upper

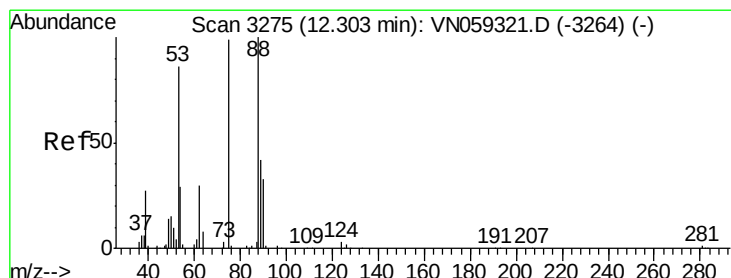
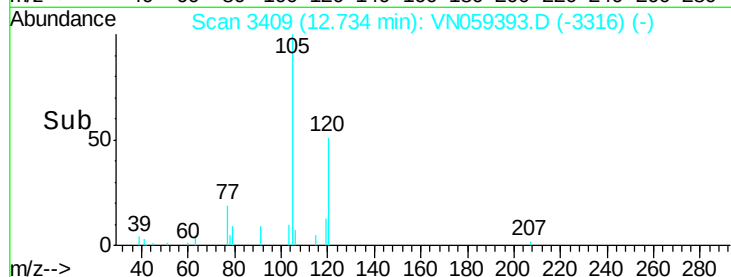
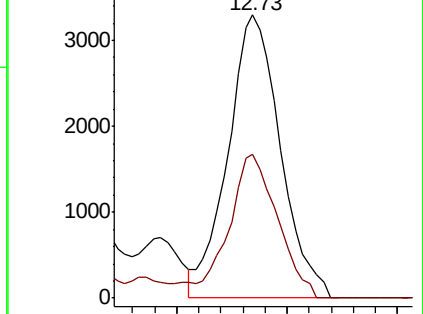
105 100

120 46.6 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 58.815 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059393.D

Acq: 25 Nov 2019 19:06

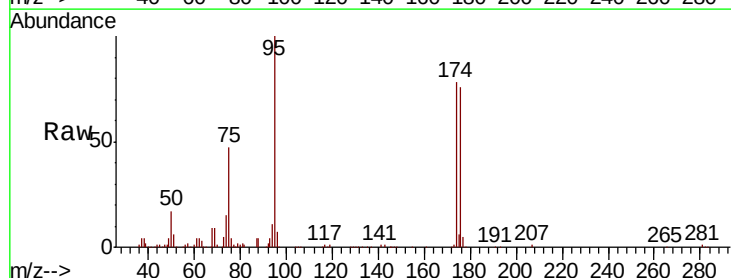
Tgt Ion: 75 Resp: 103789

Ion Ratio Lower Upper

75 100

53 0.0 70.7 106.1#

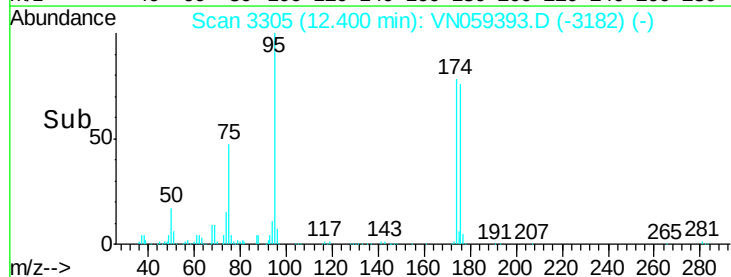
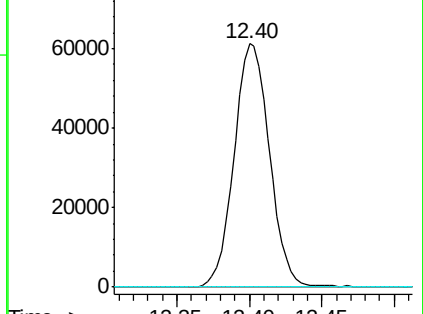
89 0.0 35.4 53.0#

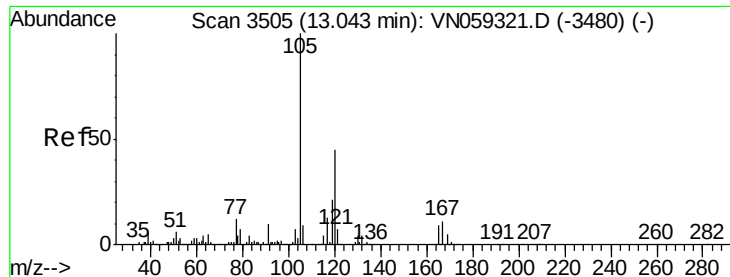


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 0.328 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN059393.D

Acq: 25 Nov 2019 19:06

Instrument :

MSVOA_N

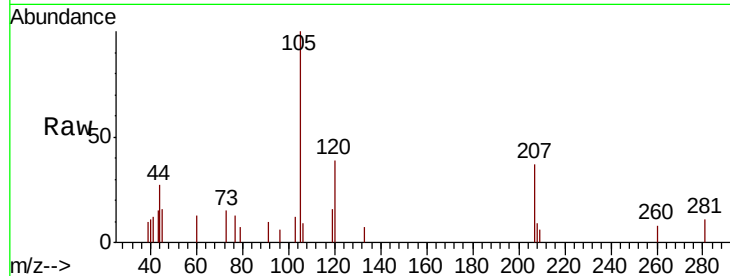
ClientSampled :

Tot Ion:105 Resp: 4224

Ion Ratio Lower Upper

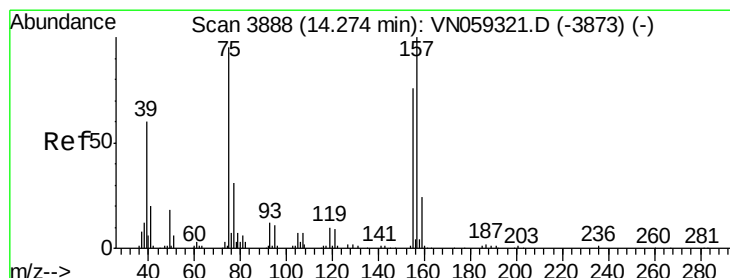
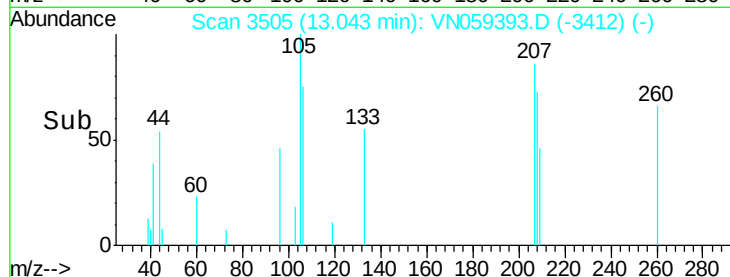
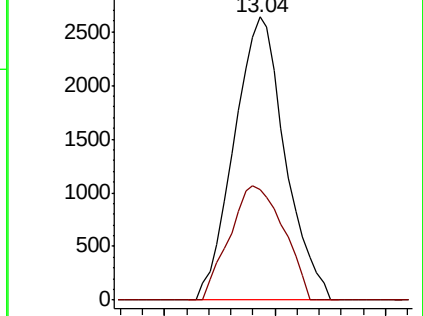
105 100

120 42.8 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.399 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.01 min

Lab File: VN059393.D

Acq: 25 Nov 2019 19:06

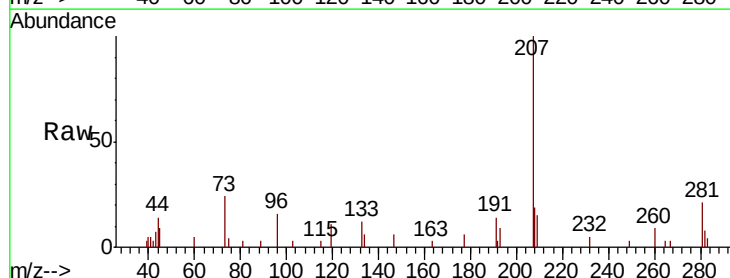
Tgt Ion: 75 Resp: 439

Ion Ratio Lower Upper

75 100

155 0.0 40.5 121.5#

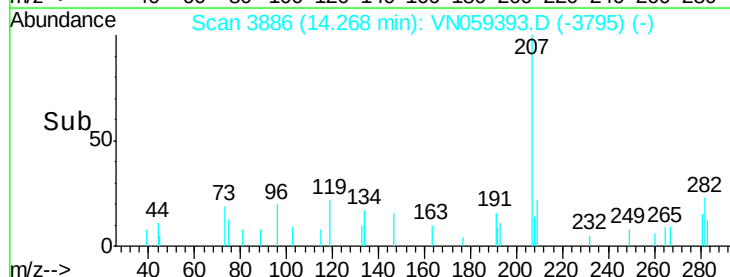
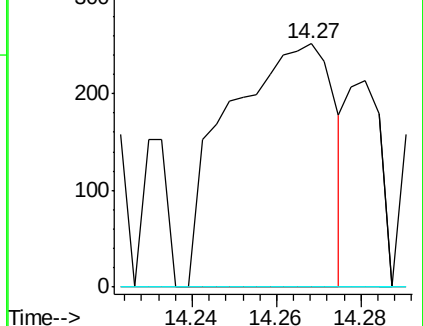
157 0.0 52.7 158.1#

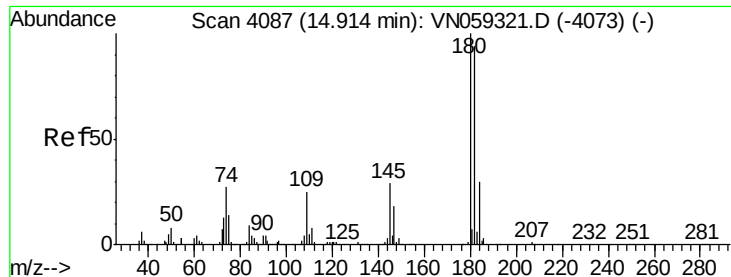


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

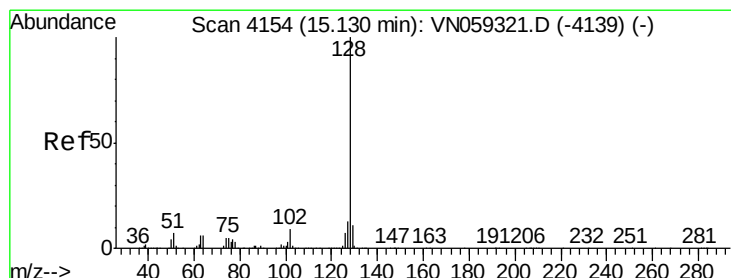
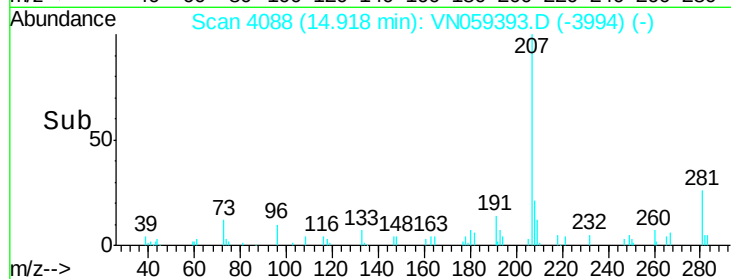
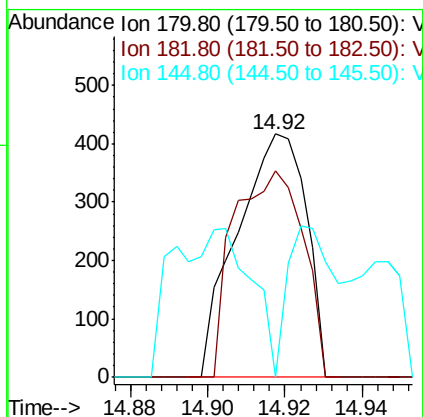
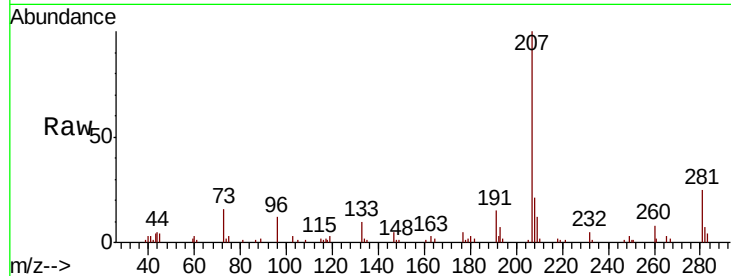




#93
 1,2,4-Trichlorobenzene
 Concen: 3.058 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN059393.D
 Acq: 25 Nov 2019 19:06

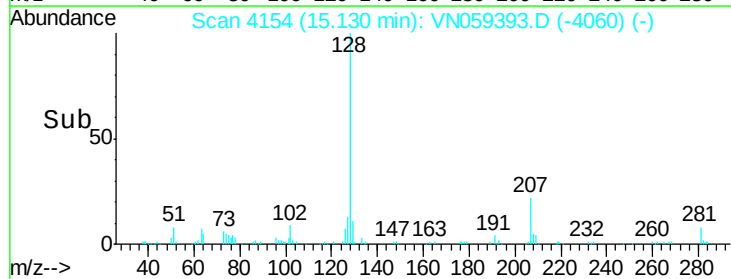
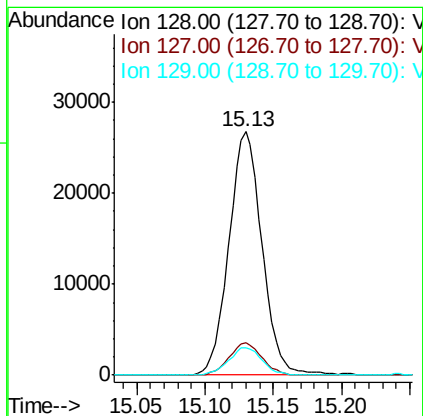
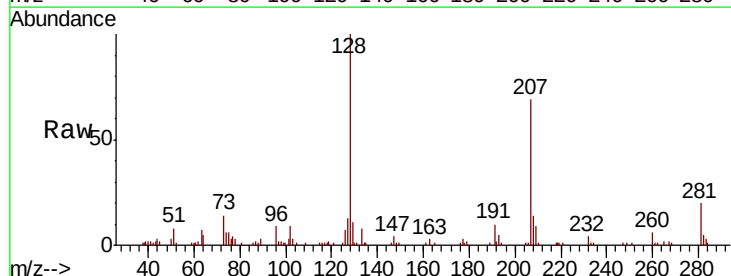
Instrument :
 MSVOA_N
 ClientSampled :

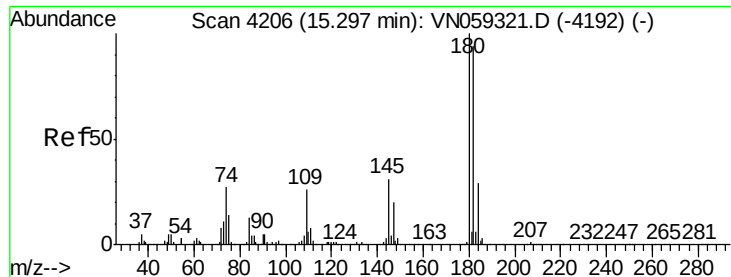
Tot Ion:180 Resp: 517
 Ion Ratio Lower Upper
 180 100
 182 85.1 47.2 141.6
 145 46.0 14.9 44.5#



#95
 Naphthalene
 Concen: 6.914 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN059393.D
 Acq: 25 Nov 2019 19:06

Tgt Ion:128 Resp: 45041
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.2 15.2
 129 11.2 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.063 ug/l
 RT: 15.30 min Scan# 4206
 Delta R.T. 0.00 min
 Lab File: VN059393.D
 Acq: 25 Nov 2019 19:06

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	53.0	47.1	141.4
145	142.9	15.6	46.8#

