

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011620\
 Data File : VN059746.D
 Acq On : 16 Jan 2020 20:45
 Operator : JC/MD
 Sample : L1160-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 400115760.2

Quant Time: Jan 17 04:40:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	196077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	295171	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	259603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	114490	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	103025	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
35) Dibromofluoromethane	7.56	113	89249	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
50) Toluene-d8	10.08	98	338374	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
62) 4-Bromofluorobenzene	12.40	95	118003	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	336	Below Cal	#	43
6) Chloroethane	2.69	64	872	0.718	ug/l #	43
8) Diethyl Ether	3.39	74	8774	8.105	ug/l	79
11) Tert butyl alcohol	4.73	59	65434	178.504	ug/l	99
15) Acrylonitrile	4.73	53	326	0.390	ug/l #	5
16) Acetone	3.79	43	1914	Below Cal		100
18) Methyl Acetate	4.29	43	2370	0.932	ug/l #	78
19) Methyl tert-butyl Ether	5.01	73	3707	0.634	ug/l	95
25) 2-Butanone	6.78	43	6207	5.034	ug/l #	80
26) 2,2-Dichloropropane	6.78	77	7887	2.450	ug/l #	55
29) Tetrahydrofuran	7.18	42	89944	117.891	ug/l #	86
31) Cyclohexane	7.64	56	3866	1.200	ug/l #	8
36) 1,1-Dichloropropene	7.64	75	13500	5.252	ug/l #	51
38) Carbon Tetrachloride	7.64	117	17981	6.431	ug/l #	16
40) Benzene	8.02	78	4965	0.648	ug/l	95
41) Methacrylonitrile	7.18	41	52956	44.595	ug/l #	100
49) 1,4-Dioxane	9.18	88	5288	155.733	ug/l	90
51) 4-Methyl-2-Pentanone	9.95	43	1964	0.819	ug/l #	38
52) Toluene	10.14	92	1148	0.237	ug/l	100
59) 2-Hexanone	10.85	43	1233	0.698	ug/l	73
65) Chlorobenzene	11.42	112	36963	7.244	ug/l	99
68) m/p-Xylenes	11.62	106	6340	1.812	ug/l	98
69) o-Xylene	11.94	106	6017	1.757	ug/l	98
73) Isopropylbenzene	12.25	105	2041	0.243	ug/l	92
76) 1,2,3-Trichloropropane	12.40	75	59102	30.674	ug/l #	100
77) Bromobenzene	12.52	156	640	0.301	ug/l #	1
79) 2-Chlorotoluene	12.67	91	2355	0.420	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	59102	65.873	ug/l #	11
82) 4-Chlorotoluene	12.67	91	2355	0.419	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	4621	0.661	ug/l	99
86) p-Isopropyltoluene	13.29	119	1802	0.243	ug/l	90
87) 1,3-Dichlorobenzene	13.36	146	28192	7.633	ug/l	96
88) 1,4-Dichlorobenzene	13.36	146	28192	7.651	ug/l	95
90) Hexachloroethane	13.89	117	349	0.251	ug/l #	12

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QLast Update : Tue Jan 14 08:58:21 2020
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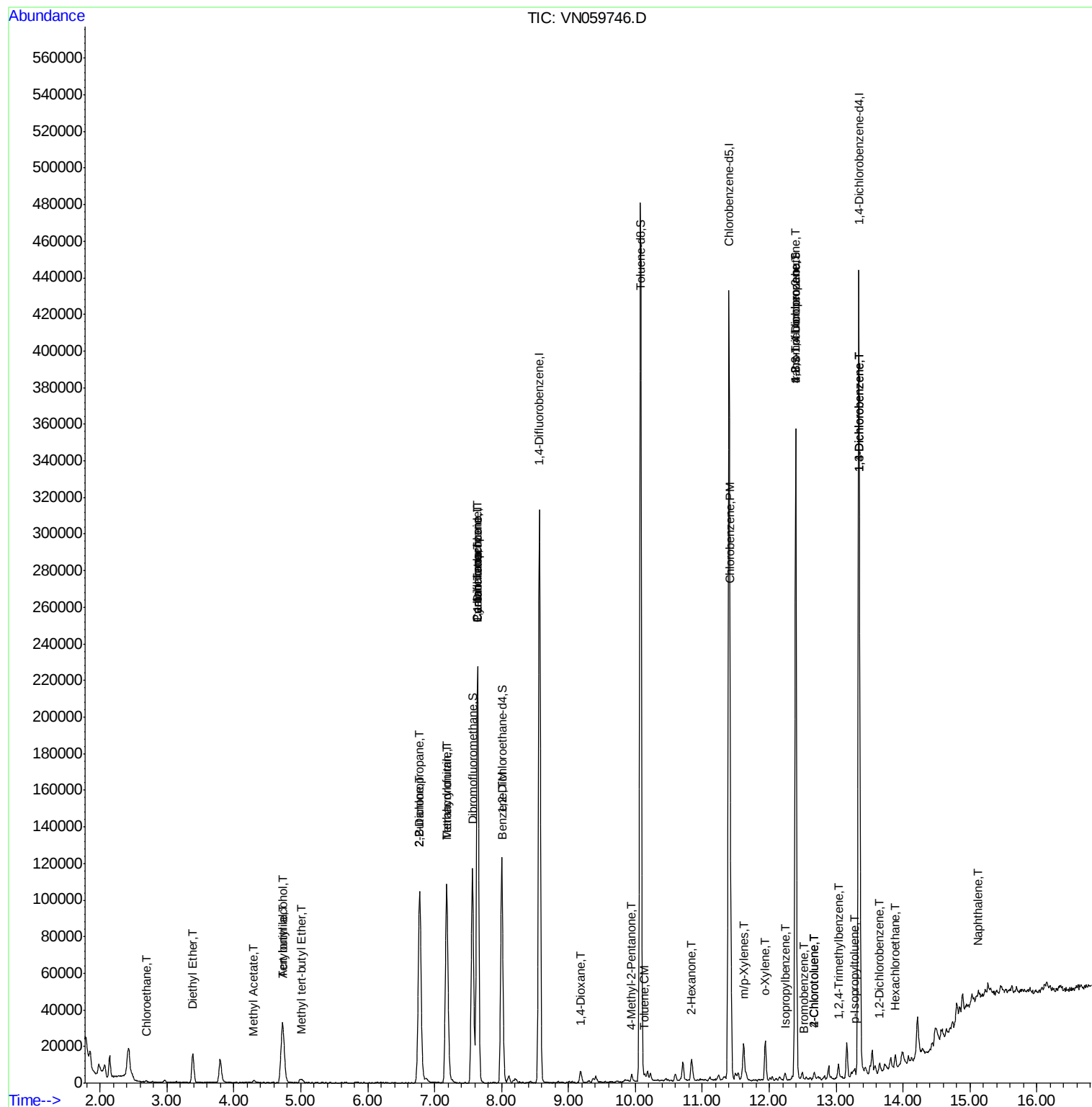
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.65	146	1852	0.507 ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	182	Below Cal #	6
95) Naphthalene	15.13	128	3619	0.580 ug/l #	93

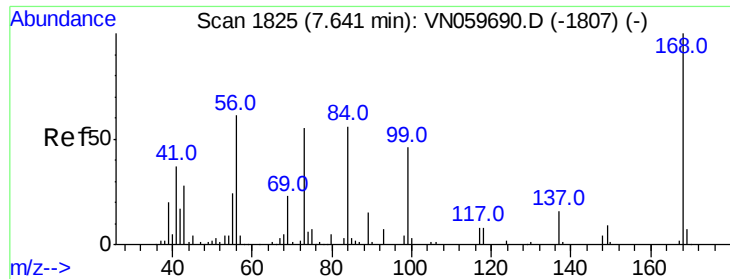
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059746.D

Acq: 16 Jan 2020 20:45

Instrument :

MSVOA_N

ClientSampleId :

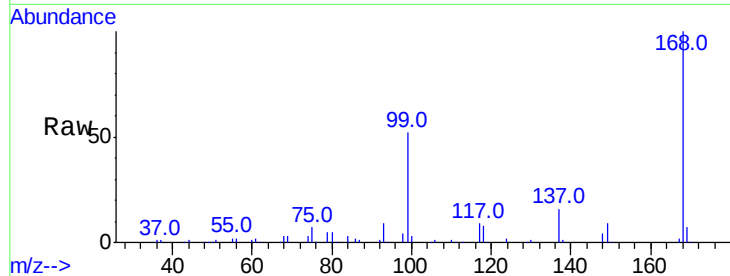
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Tgt Ion:168 Resp: 196077

Ion Ratio Lower Upper

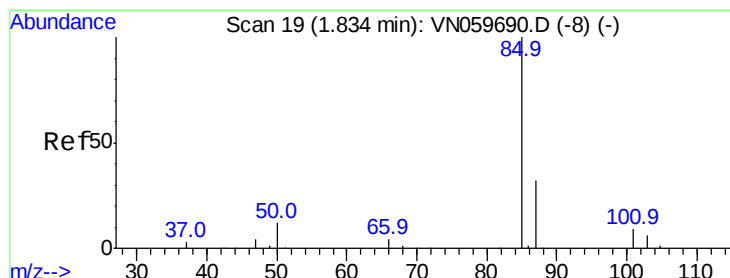
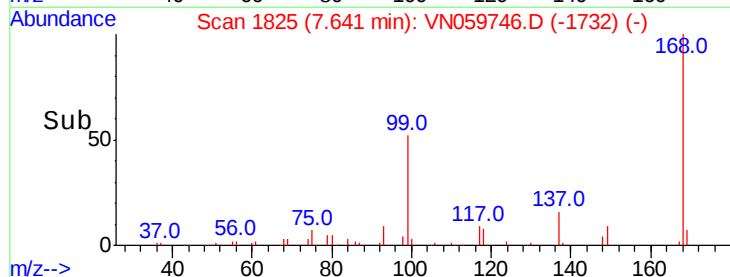
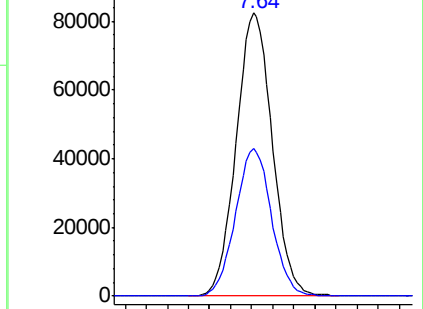
168 100

99 52.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059690.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN059690.D (-1807) (-)



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.83 min Scan# 17

Delta R.T. -0.01 min

Lab File: VN059746.D

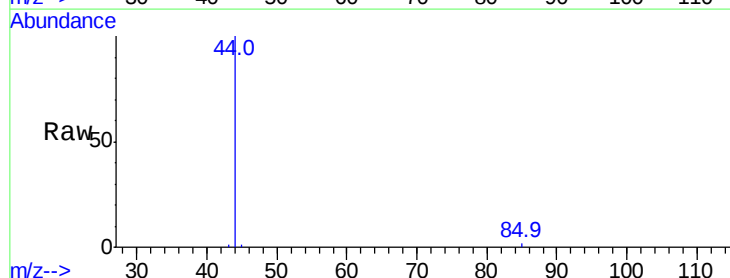
Acq: 16 Jan 2020 20:45

Tgt Ion: 85 Resp: 336

Ion Ratio Lower Upper

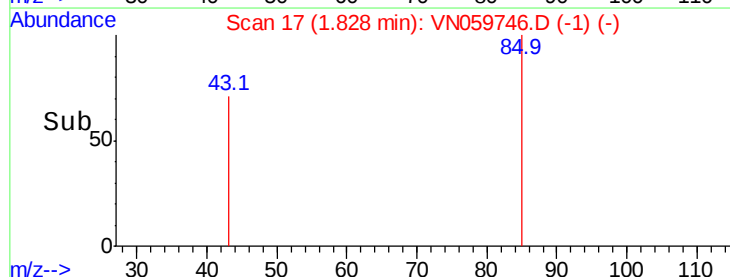
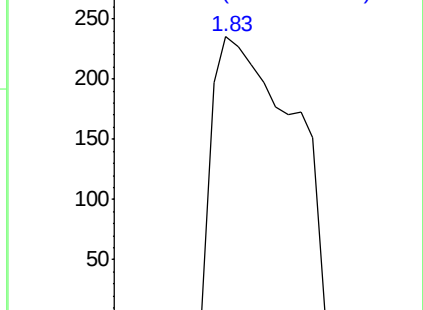
85 100

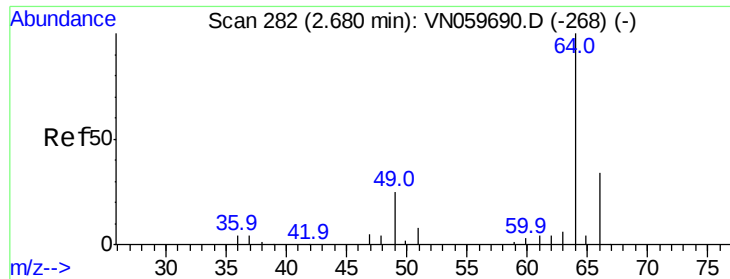
87 0.0 15.9 47.7#



Abundance Ion 84.90 (84.60 to 85.60): VN059690.D (-8) (-)

Ion 86.90 (86.60 to 87.60): VN059690.D (-8) (-)

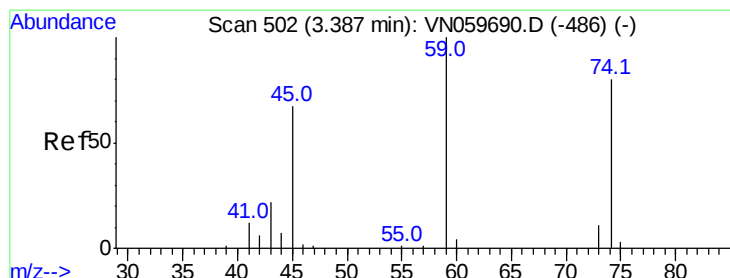
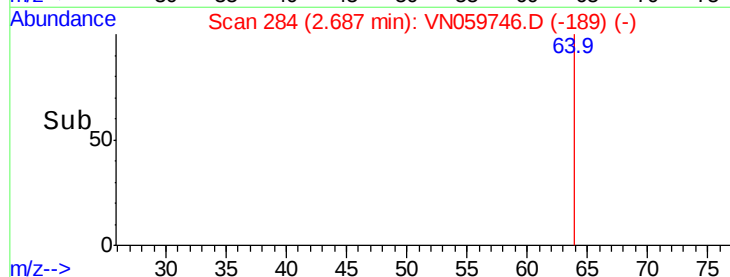
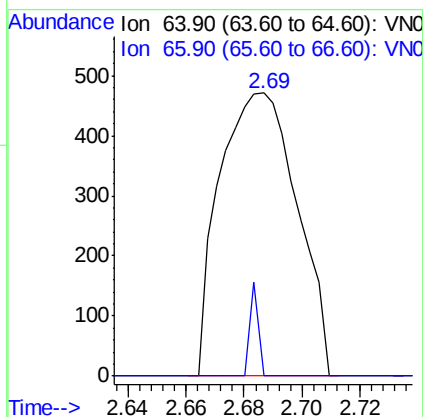
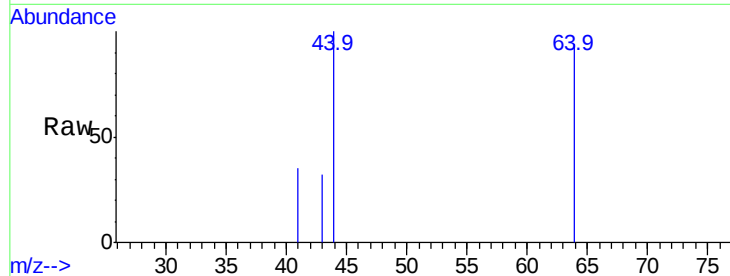




#6
Chloroethane
Concen: 0.718 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.01 min
Lab File: VN059746.D
Acq: 16 Jan 2020 20:45

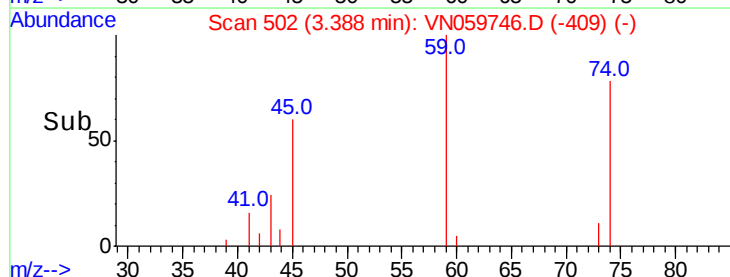
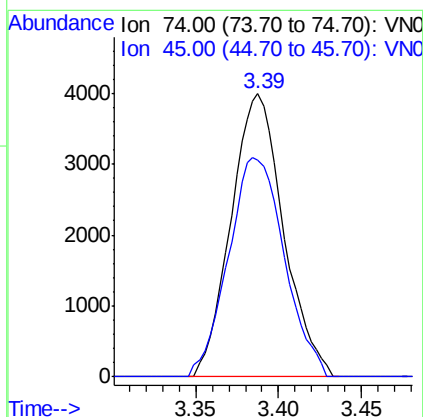
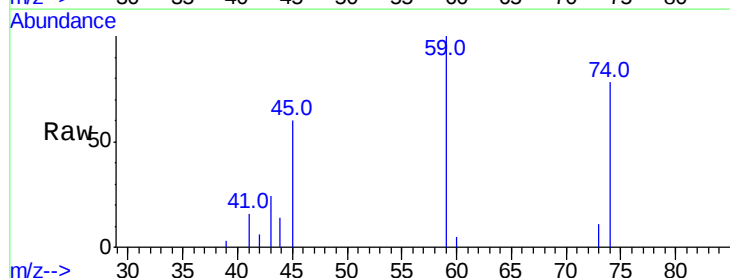
Instrument :
MSVOA_N
ClientSampled :
400115760.2

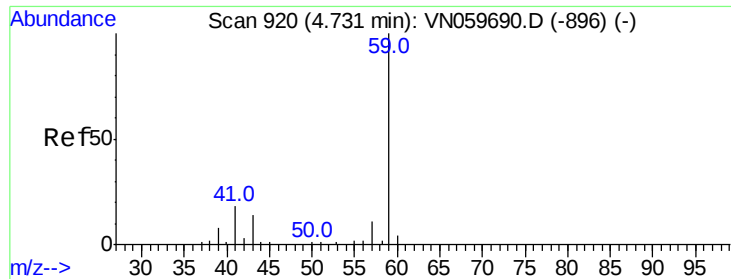
Tgt Ion: 64 Resp: 872
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#8
Diethyl Ether
Concen: 8.105 ug/l
RT: 3.39 min Scan# 502
Delta R.T. 0.00 min
Lab File: VN059746.D
Acq: 16 Jan 2020 20:45

Tgt Ion: 74 Resp: 8774
Ion Ratio Lower Upper
74 100
45 82.7 51.9 155.8

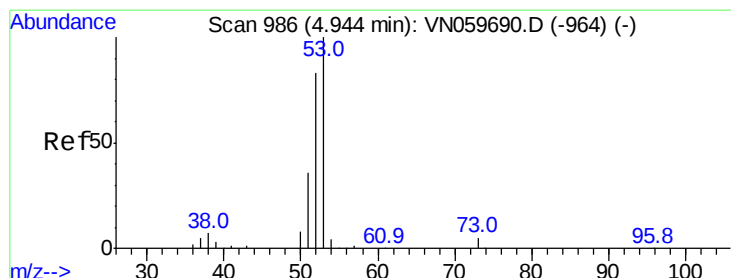
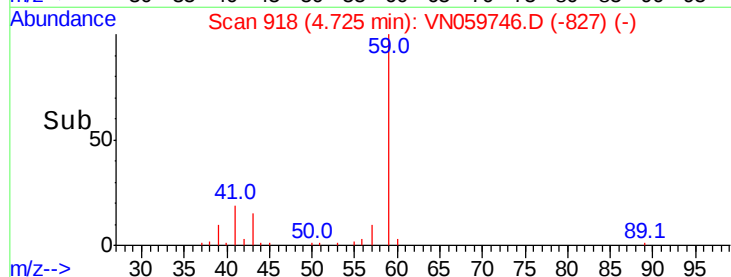
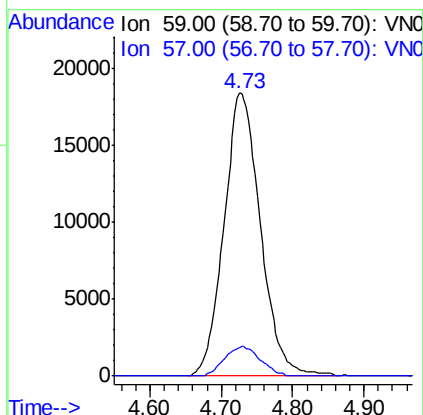
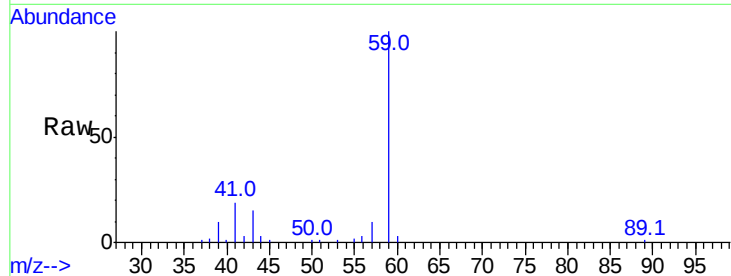




#11
Tert butyl alcohol
Concen: 178.504 ug/l
RT: 4.73 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN059746.D
Acq: 16 Jan 2020 20:45

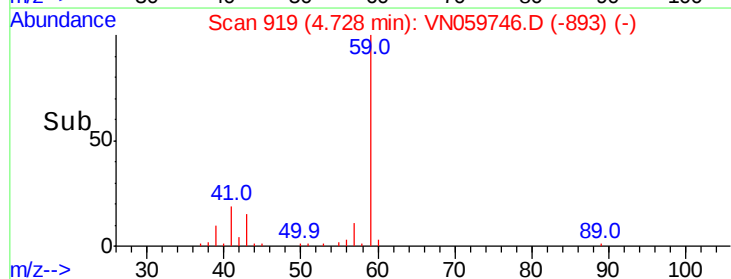
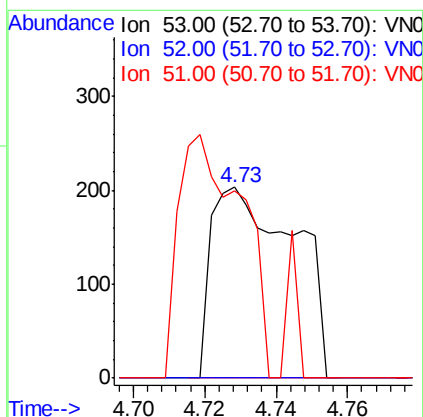
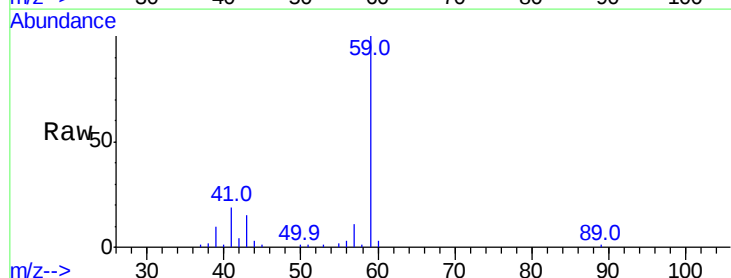
Instrument :
MSVOA_N
ClientSampled :
400115760.2

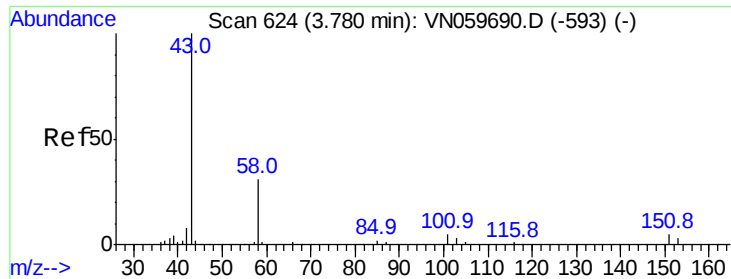
Tgt Ion: 59 Resp: 65434
Ion Ratio Lower Upper
59 100
57 10.3 8.6 12.8



#15
Acrylonitrile
Concen: 0.390 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.22 min
Lab File: VN059746.D
Acq: 16 Jan 2020 20:45

Tgt Ion: 53 Resp: 326
Ion Ratio Lower Upper
53 100
52 0.0 66.3 99.5#
51 96.9 29.7 44.5#





#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN059746.D

Acq: 16 Jan 2020 20:45

Instrument :

MSVOA_N

ClientSampleId :

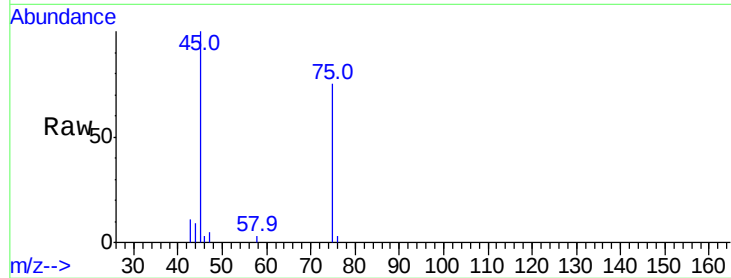
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Tgt Ion: 43 Resp: 1914

Ion Ratio Lower Upper

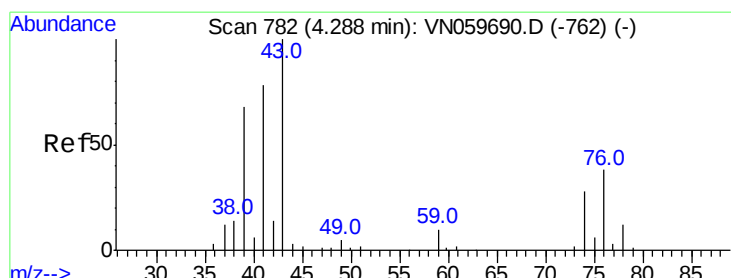
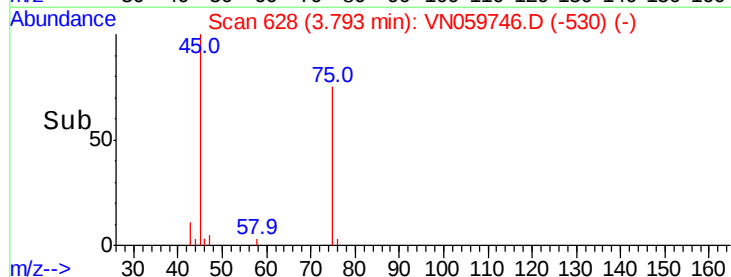
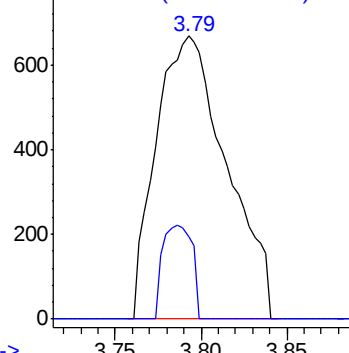
43 100

58 29.3 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.932 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.01 min

Lab File: VN059746.D

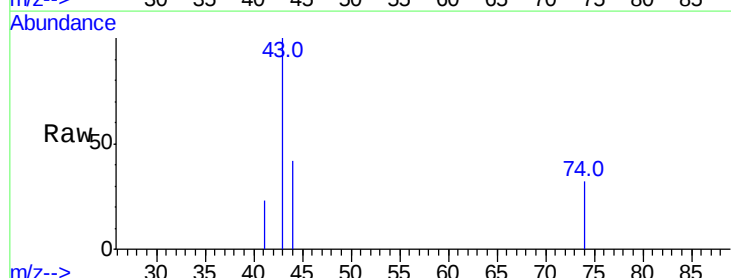
Acq: 16 Jan 2020 20:45

Tgt Ion: 43 Resp: 2370

Ion Ratio Lower Upper

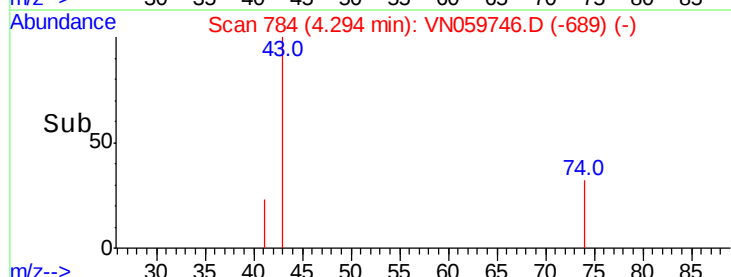
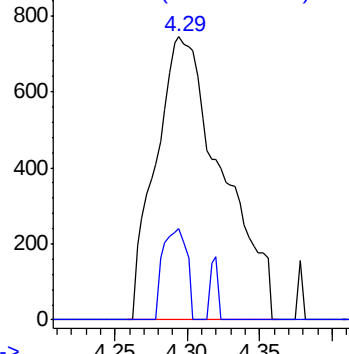
43 100

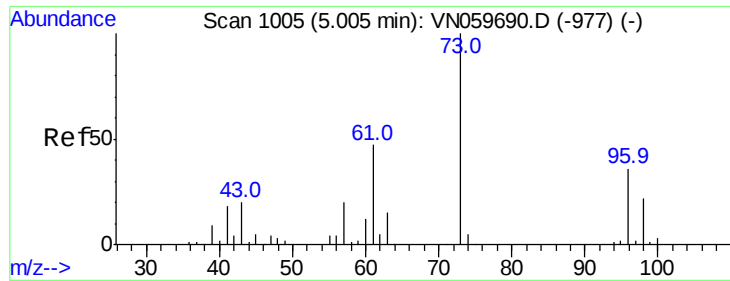
74 11.6 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

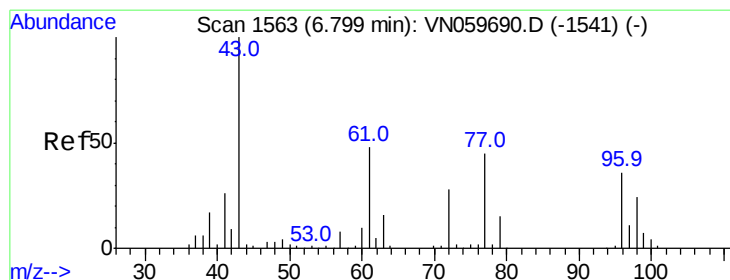
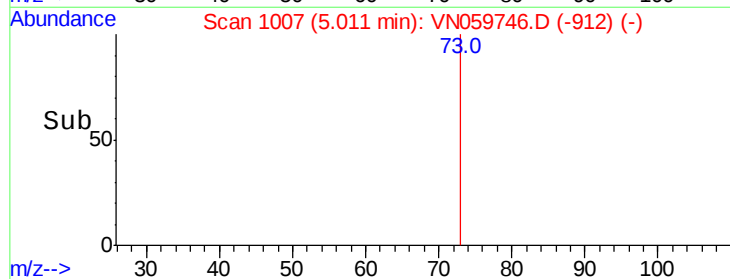
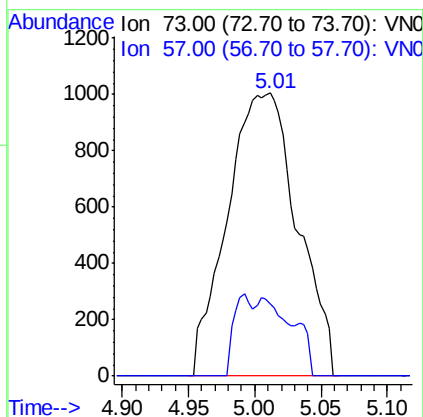
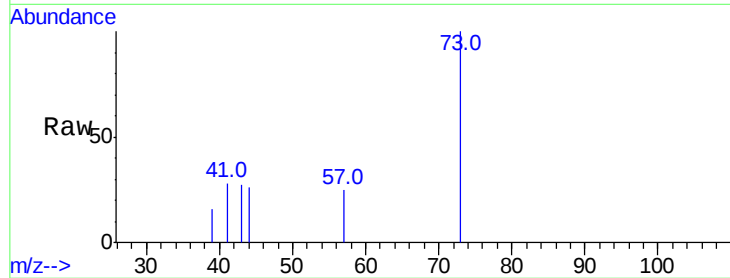




#19
Methyl tert-butyl Ether
Concen: 0.634 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: VN059746.D
Acq: 16 Jan 2020 20:45

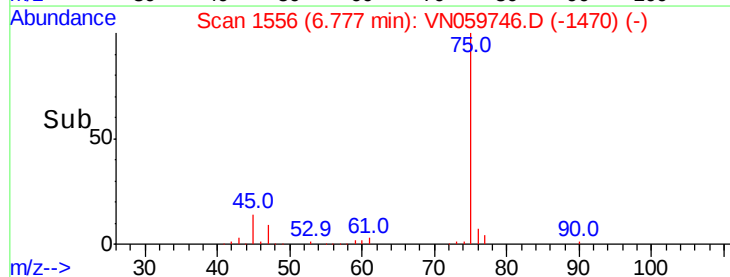
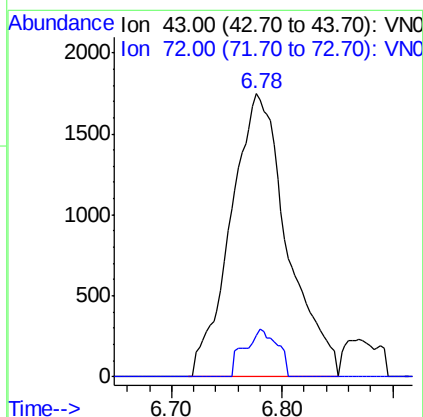
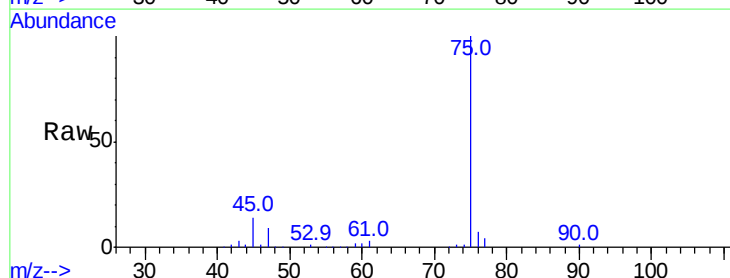
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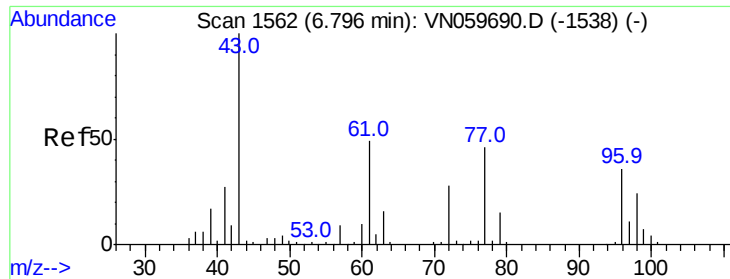
Tgt Ion: 73 Resp: 3707
Ion Ratio Lower Upper
73 100
57 25.5 18.6 27.8



#25
2-Butanone
Concen: 5.034 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.02 min
Lab File: VN059746.D
Acq: 16 Jan 2020 20:45

Tgt Ion: 43 Resp: 6207
Ion Ratio Lower Upper
43 100
72 14.9 19.9 29.9#

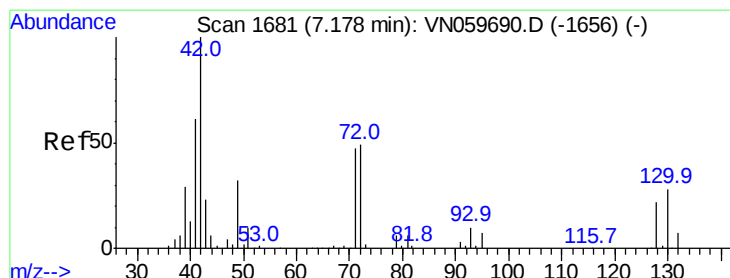
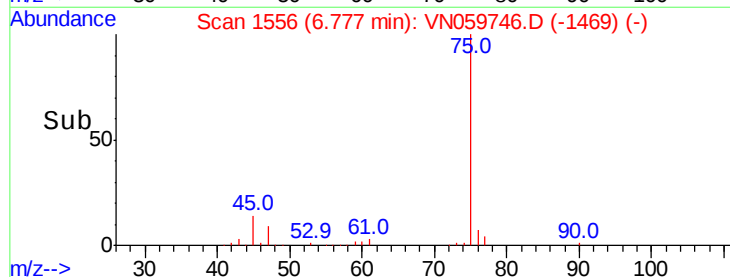
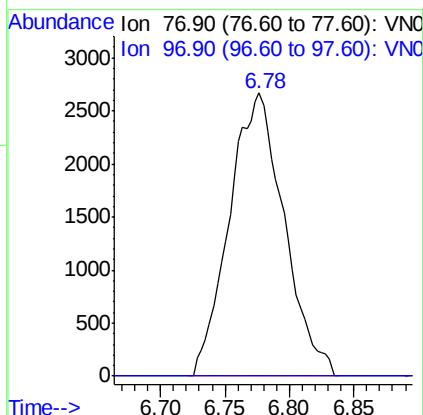
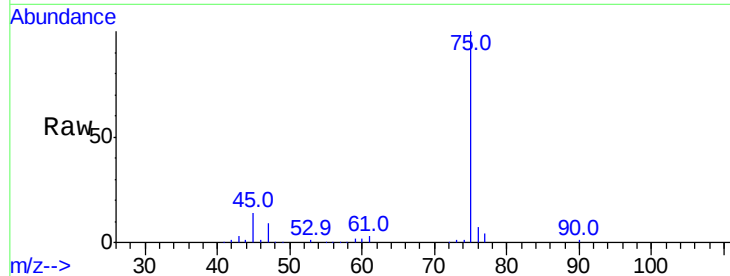




#26
 2,2-Dichloropropane
 Concen: 2.450 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: VN059746.D
 Acq: 16 Jan 2020 20:45

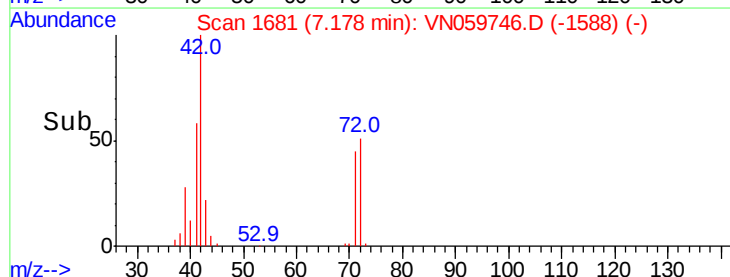
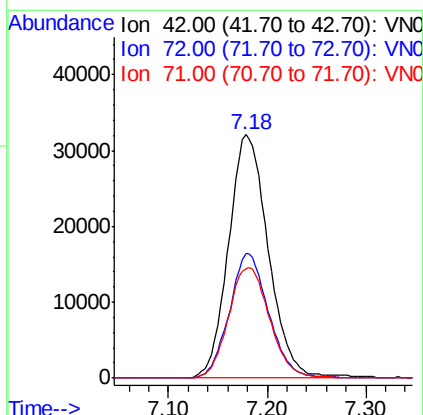
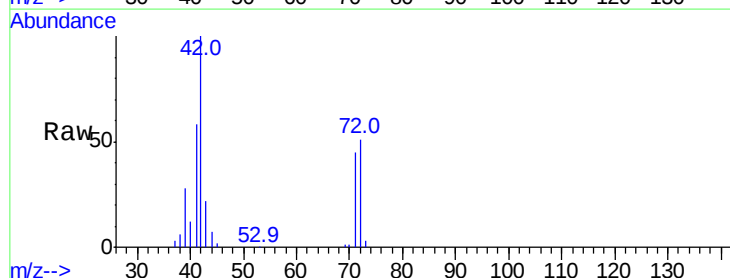
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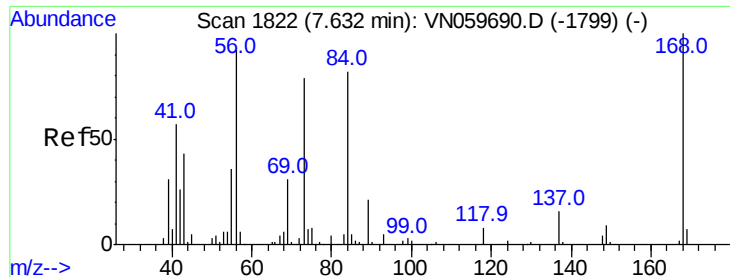
Tgt Ion: 77 Resp: 7887
 Ion Ratio Lower Upper
 77 100
 97 0.0 10.7 31.9#



#29
 Tetrahydrofuran
 Concen: 117.891 ug/l
 RT: 7.18 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VN059746.D
 Acq: 16 Jan 2020 20:45

Tgt Ion: 42 Resp: 89944
 Ion Ratio Lower Upper
 42 100
 72 50.5 33.1 49.7#
 71 47.0 31.4 47.0

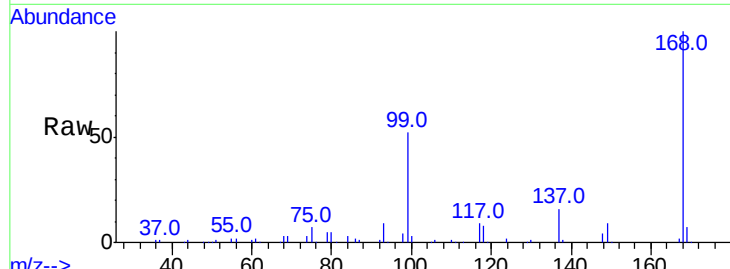




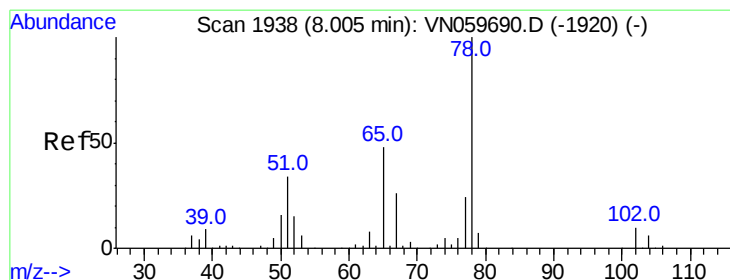
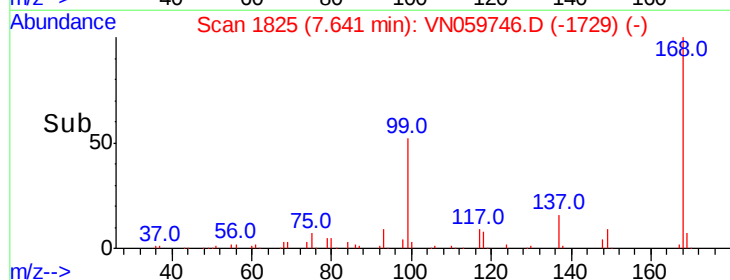
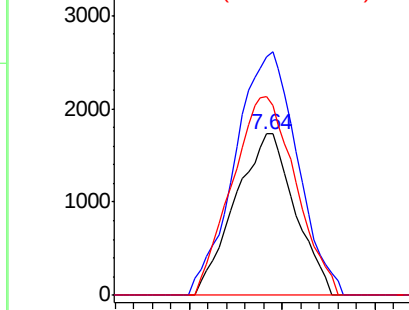
#31
Cyclohexane
Concen: 1.200 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN059746.D
Acq: 16 Jan 2020 20:45

Instrument :
MSVOA_N
ClientSampled :
400115760.2

Tgt Ion: 56 Resp: 3866
Ion Ratio Lower Upper
56 100
69 147.7 26.5 39.7#
84 123.2 65.3 97.9#

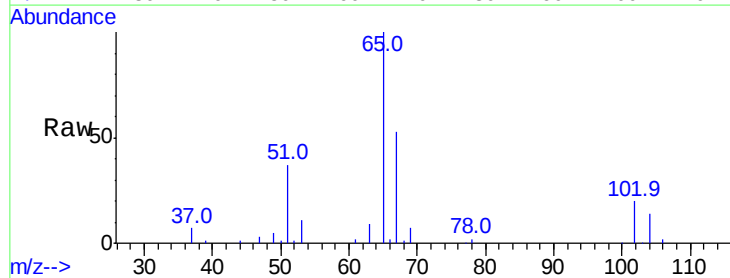


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

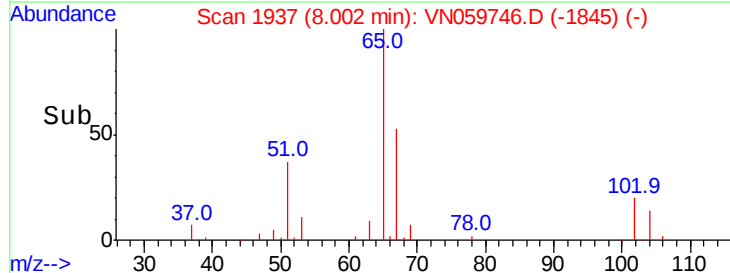
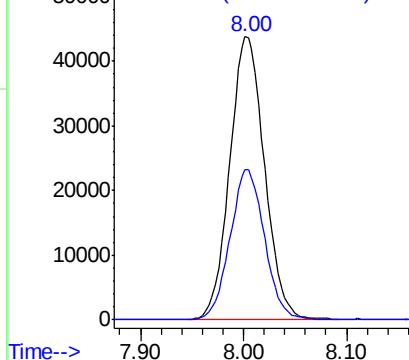


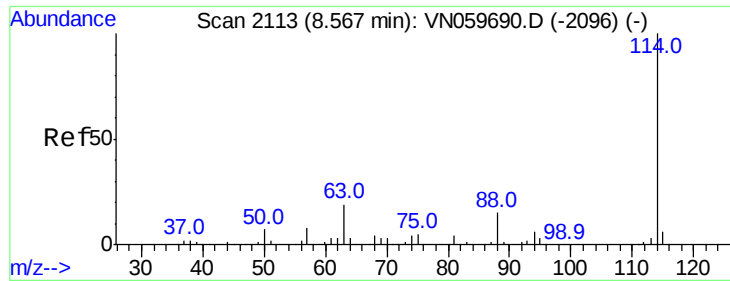
#33
1,2-Dichloroethane-d4
Concen: 47.314 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN059746.D
Acq: 16 Jan 2020 20:45

Tgt Ion: 65 Resp: 103025
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.0



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

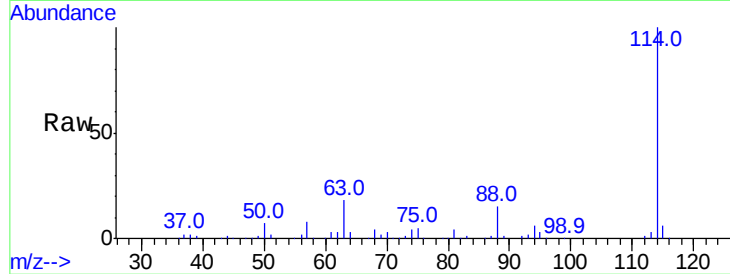




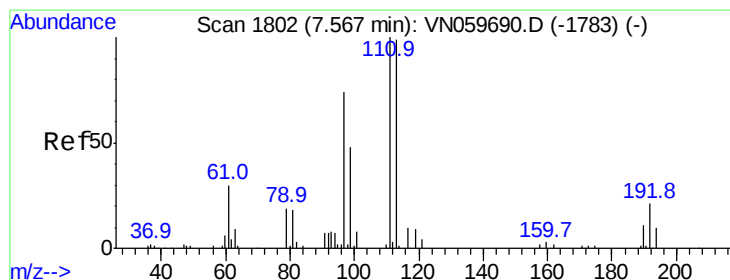
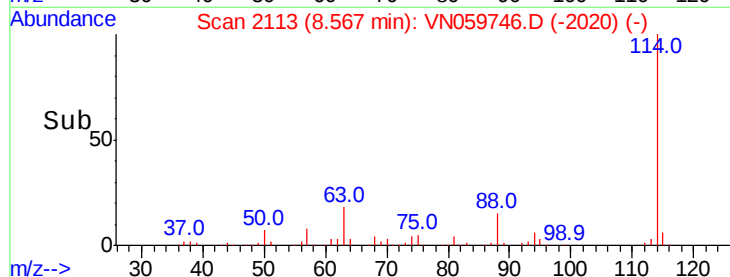
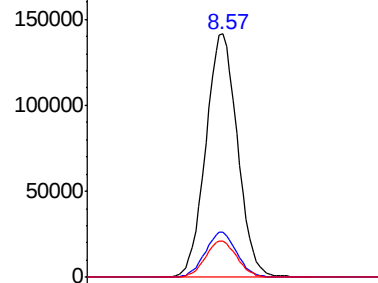
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN059746.D
Acq: 16 Jan 2020 20:45

Instrument :
MSVOA_N
ClientSampleId :
400115760.2

Tgt Ion:114 Resp: 295171
Ion Ratio Lower Upper
114 100
63 18.3 0.0 43.6
88 14.8 0.0 31.4

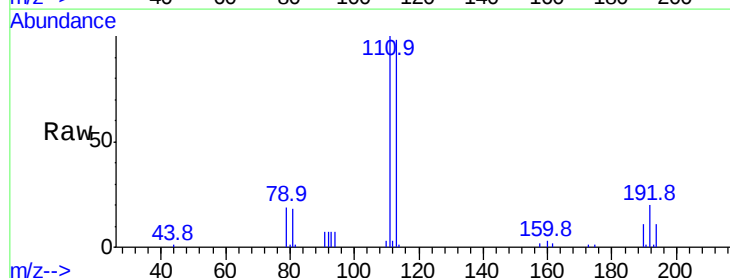


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

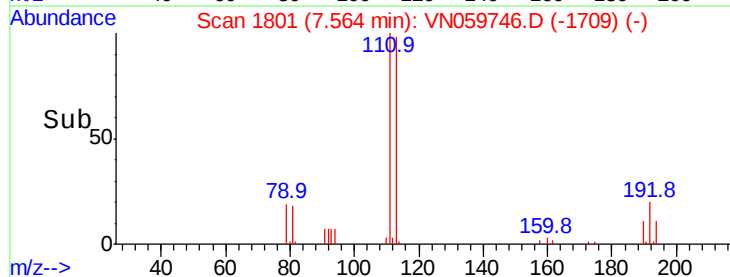
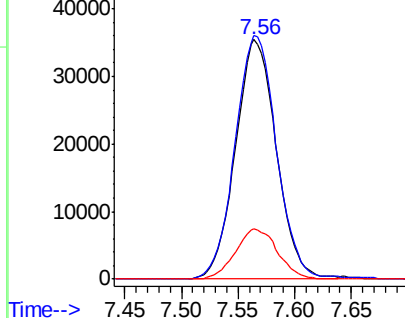


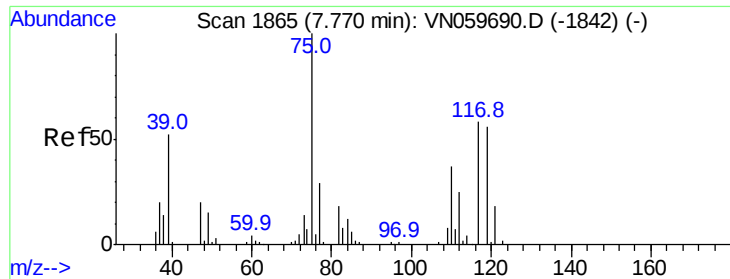
#35
Dibromofluoromethane
Concen: 50.703 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN059746.D
Acq: 16 Jan 2020 20:45

Tgt Ion:113 Resp: 89249
Ion Ratio Lower Upper
113 100
111 103.3 83.5 125.3
192 21.4 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

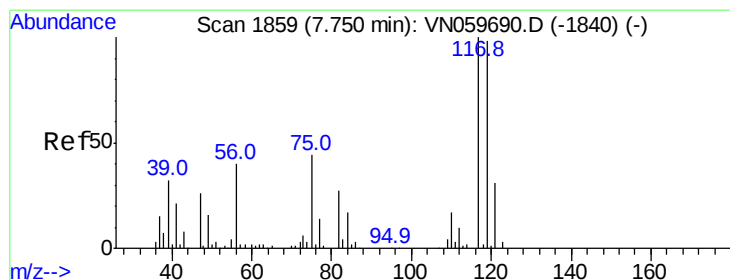
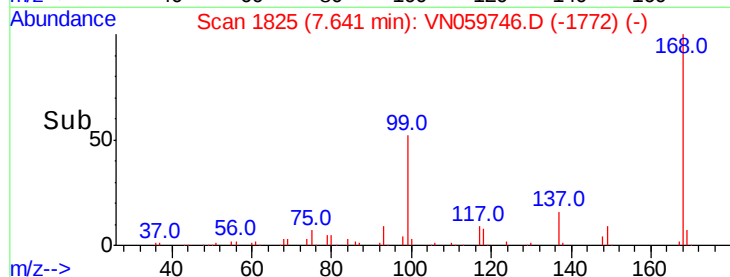
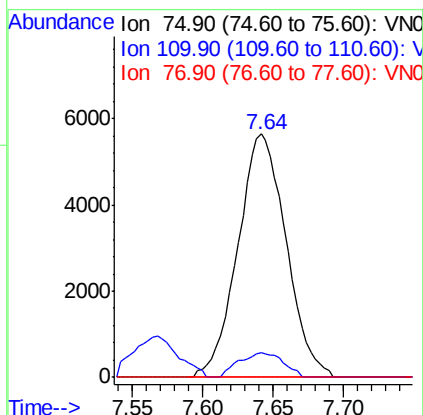
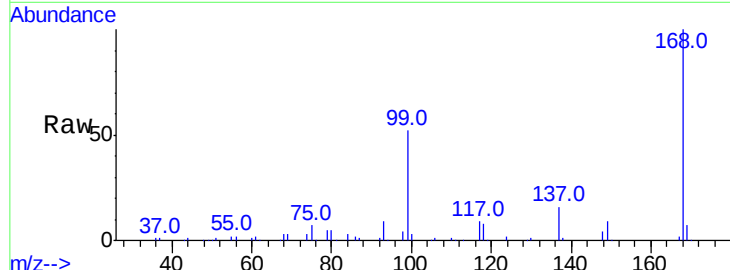




#36
 1,1-Dichloropropene
 Concen: 5.252 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN059746.D
 Acq: 16 Jan 2020 20:45

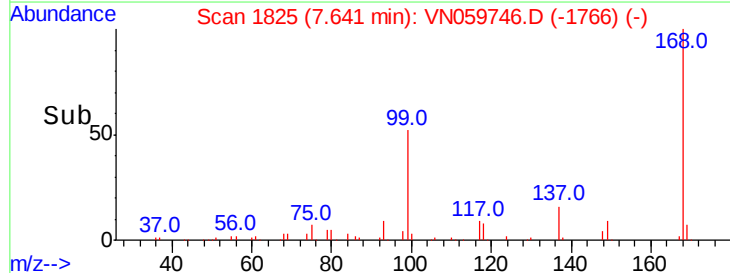
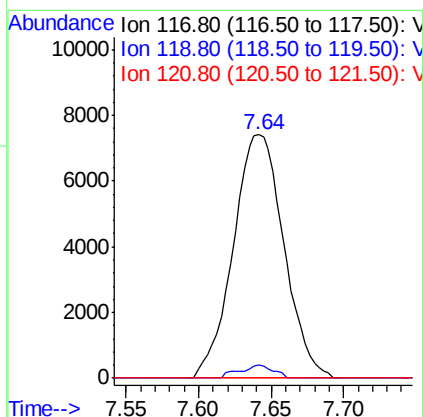
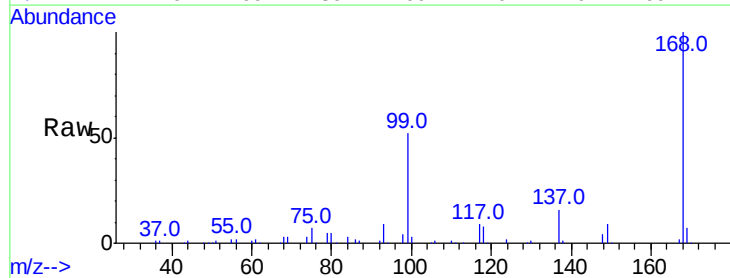
Instrument :
 MSVOA_N
 ClientSampleId :
 400115760.2

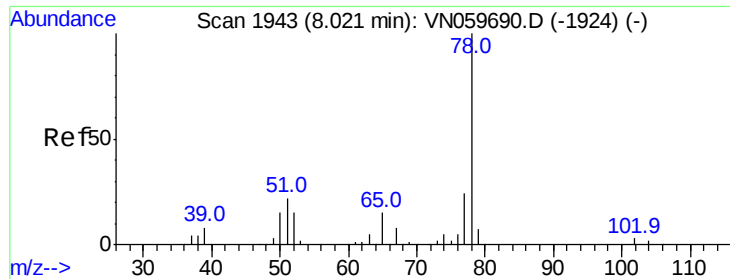
Tgt Ion: 75 Resp: 13500
 Ion Ratio Lower Upper
 75 100
 110 9.2 16.6 49.7#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.431 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN059746.D
 Acq: 16 Jan 2020 20:45

Tgt Ion: 117 Resp: 17981
 Ion Ratio Lower Upper
 117 100
 119 5.6 76.5 114.7#
 121 0.0 25.1 37.7#





#40

Benzene

Concen: 0.648 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN059746.D

Acq: 16 Jan 2020 20:45

Instrument :

MSVOA_N

ClientSampleId :

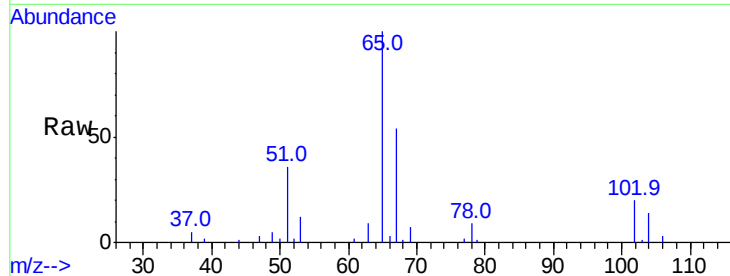
400115760.2

Tgt Ion: 78 Resp: 4965

Ion Ratio Lower Upper

78 100

77 20.9 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

8.02

2500

2000

1500

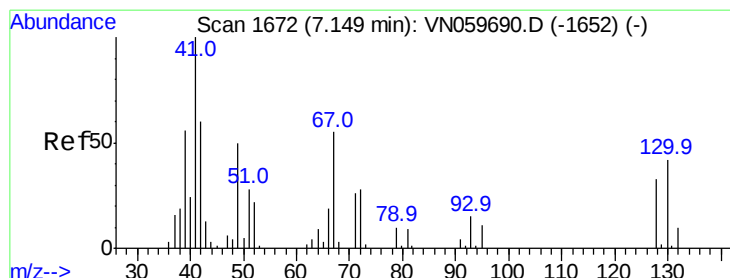
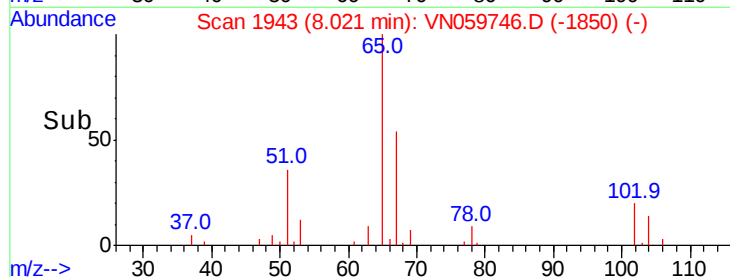
1000

500

0

7.95 8.00 8.05

Time-->



#41

Methacrylonitrile

Concen: 44.595 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.03 min

Lab File: VN059746.D

Acq: 16 Jan 2020 20:45

Tgt Ion: 41 Resp: 52956

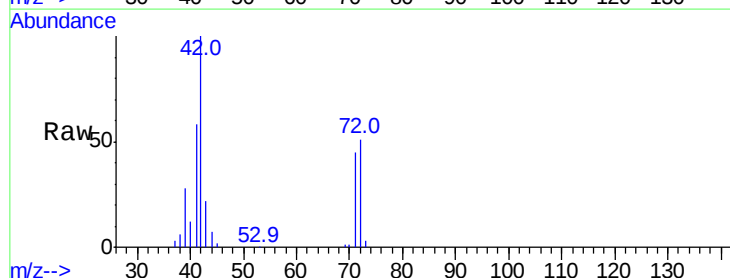
Ion Ratio Lower Upper

41 100

39 50.4 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

25000

20000

15000

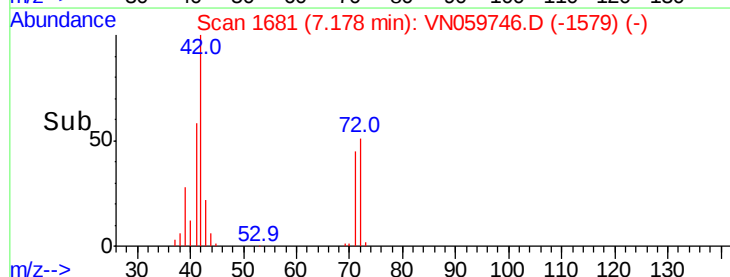
10000

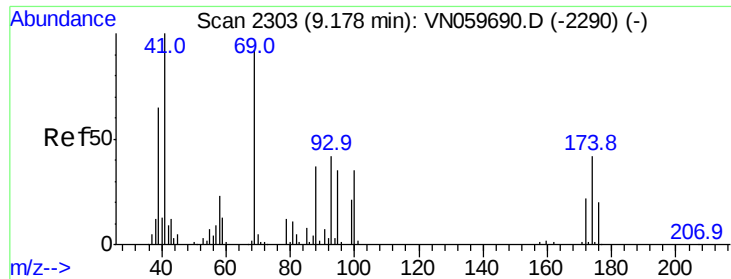
5000

0

7.10 7.20 7.30

Time-->

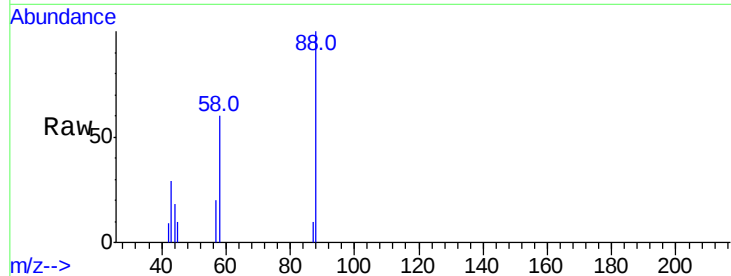




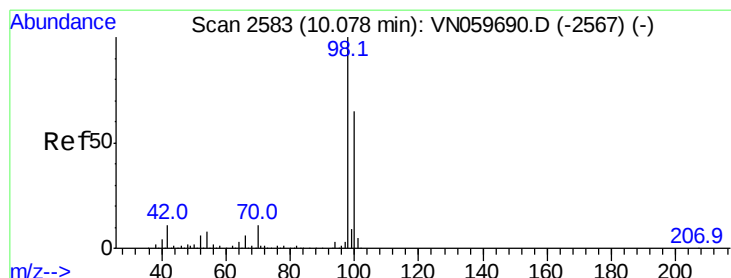
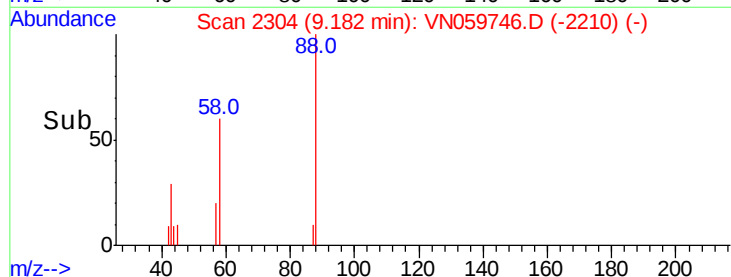
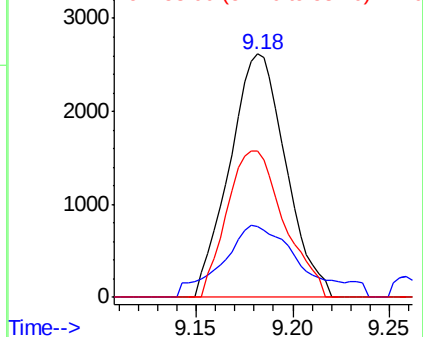
#49
1,4-Dioxane
Concen: 155.733 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059746.D
Acq: 16 Jan 2020 20:45

Instrument :
MSVOA_N
ClientSampled :
400115760.2

Tgt Ion: 88 Resp: 5288
Ion Ratio Lower Upper
88 100
43 40.9 29.7 44.5
58 61.2 56.6 85.0

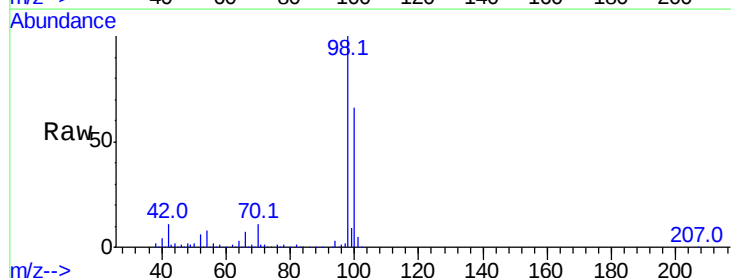


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

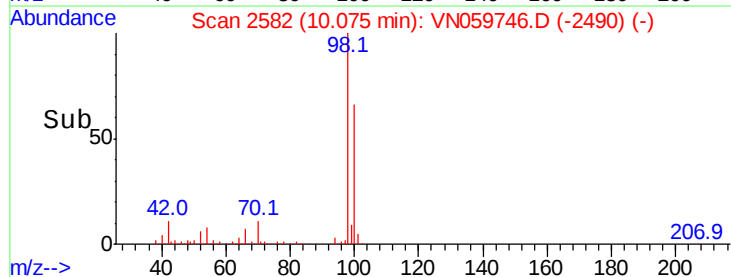
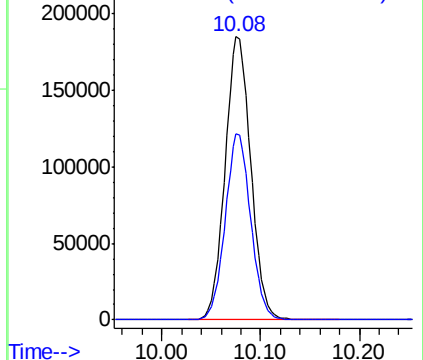


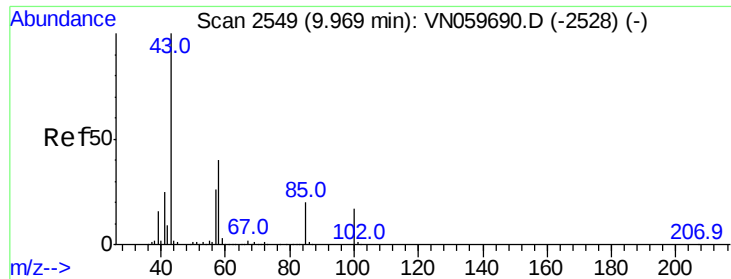
#50
Toluene-d8
Concen: 49.615 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059746.D
Acq: 16 Jan 2020 20:45

Tgt Ion: 98 Resp: 338374
Ion Ratio Lower Upper
98 100
100 64.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

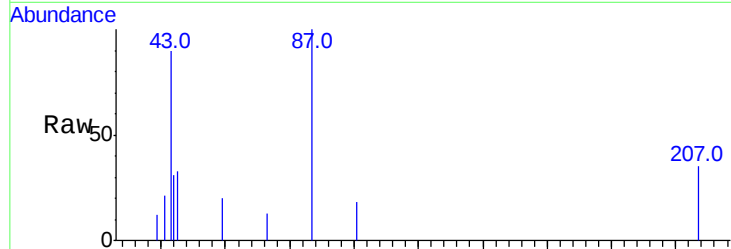




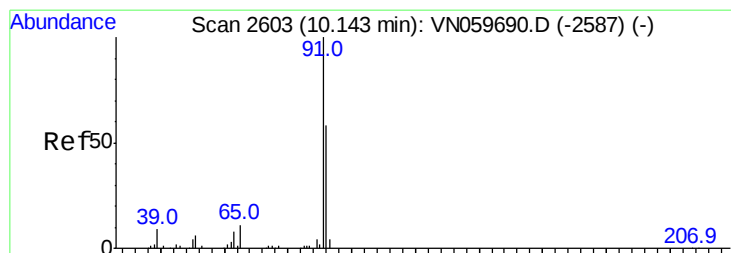
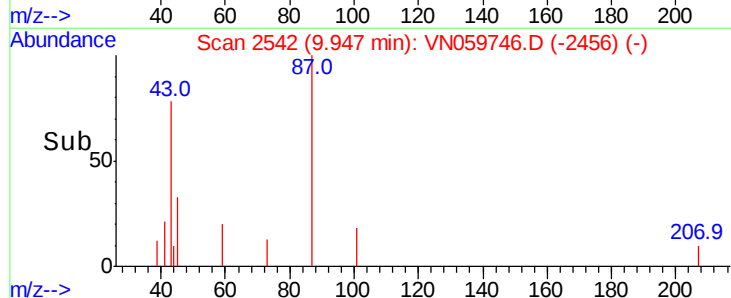
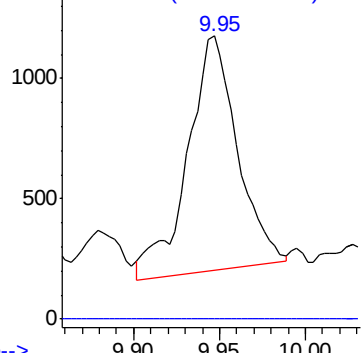
#51
 4-Methyl-2-Pentanone
 Concen: 0.819 ug/l
 RT: 9.95 min Scan# 2542
 Delta R.T. -0.02 min
 Lab File: VN059746.D
 Acq: 16 Jan 2020 20:45

Instrument :
 MSVOA_N
 ClientSampled :
 400115760.2

Tgt Ion: 43 Resp: 1964
 Ion Ratio Lower Upper
 43 100
 58 0.0 29.8 44.8#

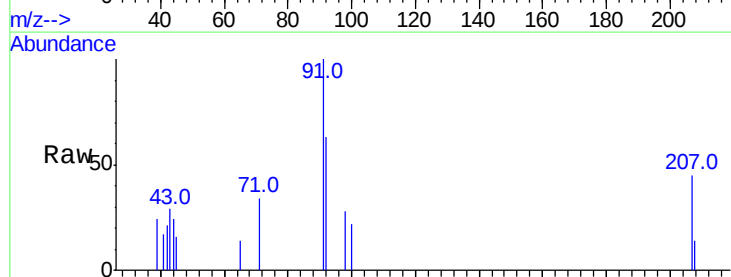


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

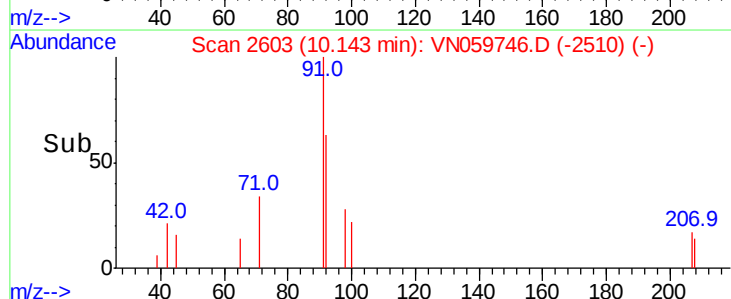
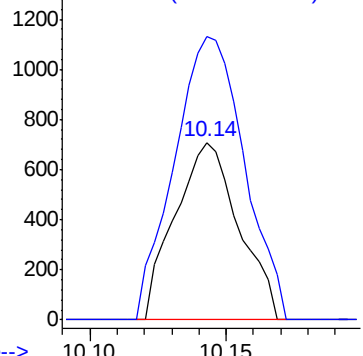


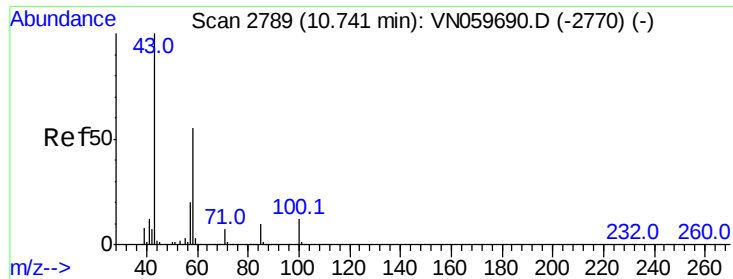
#52
 Toluene
 Concen: 0.237 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN059746.D
 Acq: 16 Jan 2020 20:45

Tgt Ion: 92 Resp: 1148
 Ion Ratio Lower Upper
 92 100
 91 175.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VN0
 Ion 91.00 (90.70 to 91.70): VN0

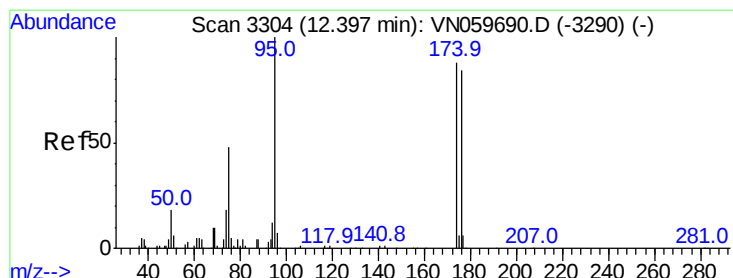
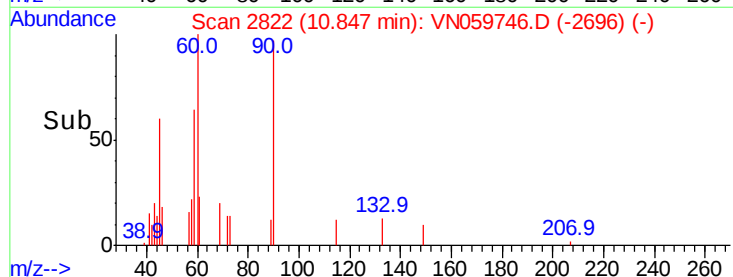
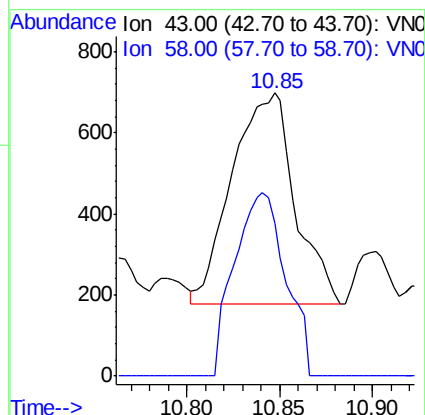
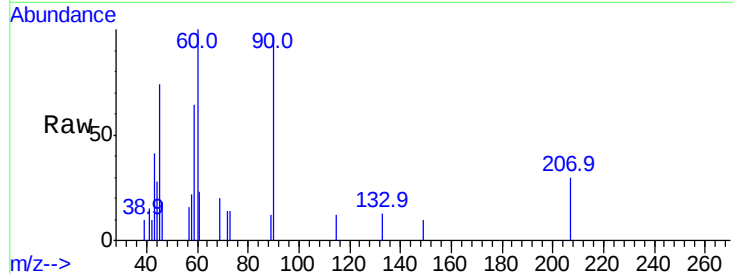




#59
2-Hexanone
Concen: 0.698 ug/l
RT: 10.85 min Scan# 2822
Delta R.T. 0.11 min
Lab File: VN059746.D
Acq: 16 Jan 2020 20:45

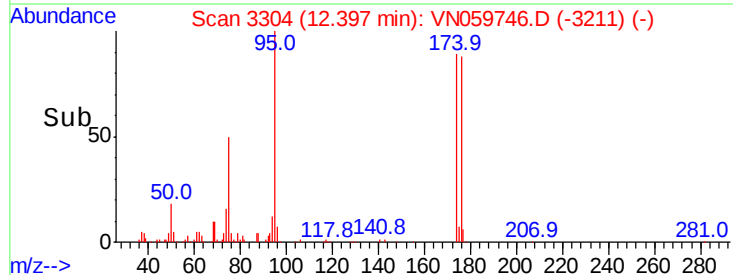
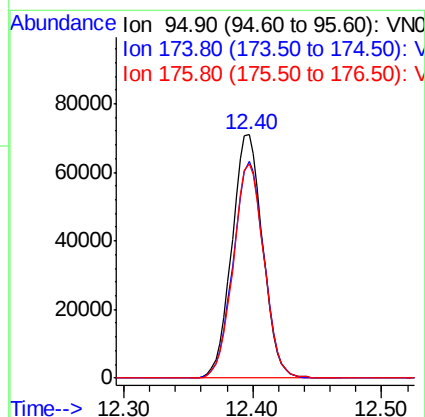
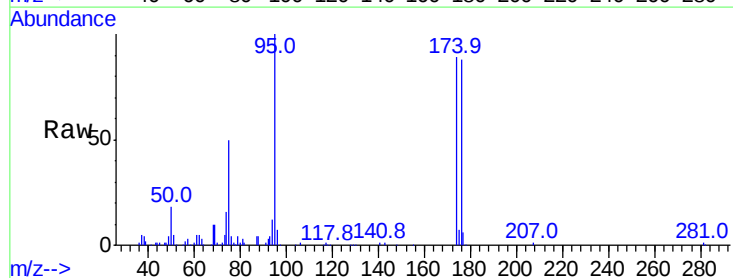
Instrument :
MSVOA_N
ClientSampleId :
400115760.2

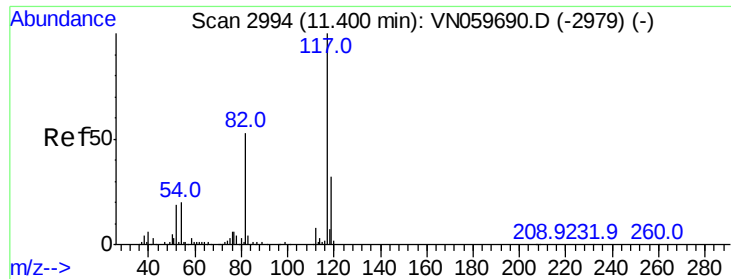
Tgt Ion: 43 Resp: 1233
Ion Ratio Lower Upper
43 100
58 70.4 25.8 77.3



#62
4-Bromofluorobenzene
Concen: 47.996 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059746.D
Acq: 16 Jan 2020 20:45

Tgt Ion: 95 Resp: 118003
Ion Ratio Lower Upper
95 100
174 88.8 0.0 151.4
176 87.5 0.0 146.0

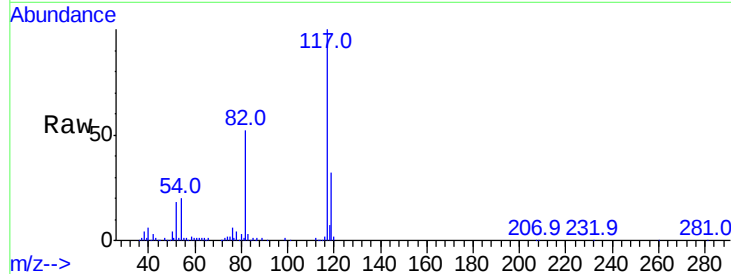




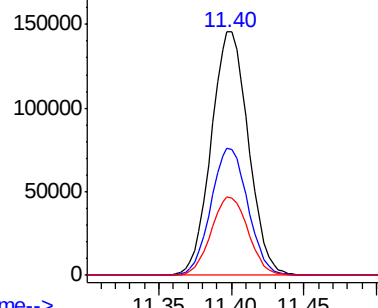
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN059746.D
Acq: 16 Jan 2020 20:45

Instrument :
MSVOA_N
ClientSampleId :
400115760.2

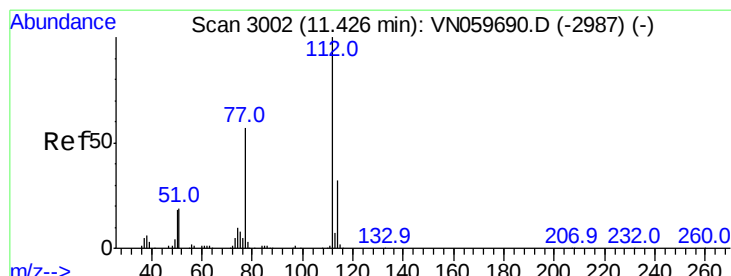
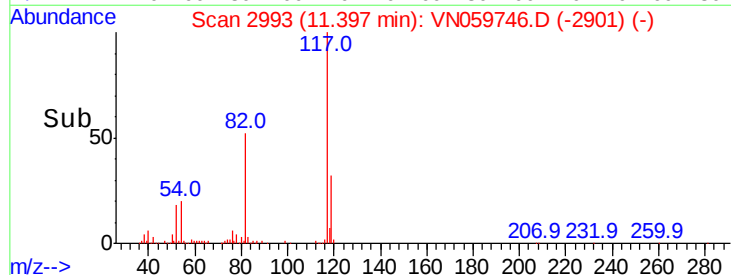
Tgt Ion:117 Resp: 259603
Ion Ratio Lower Upper
117 100
82 52.2 45.9 68.9
119 32.0 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

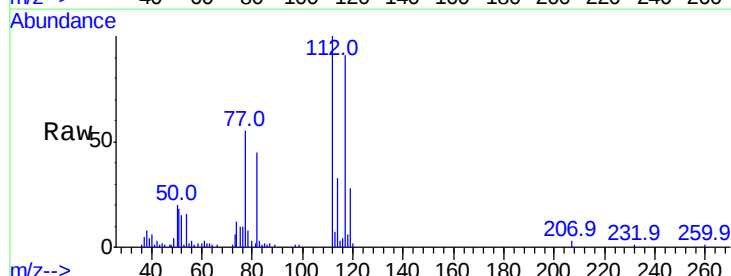


Time-->

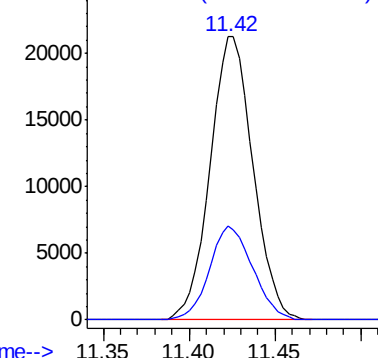


#65
Chlorobenzene
Concen: 7.244 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN059746.D
Acq: 16 Jan 2020 20:45

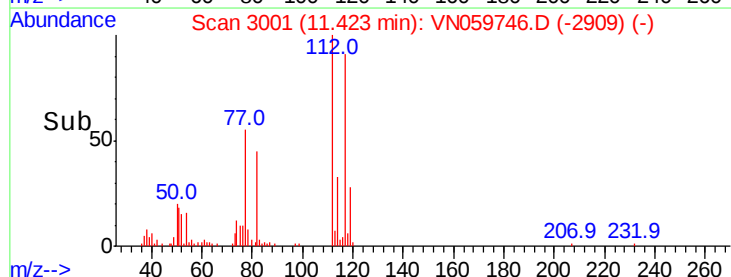
Tgt Ion:112 Resp: 36963
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.8

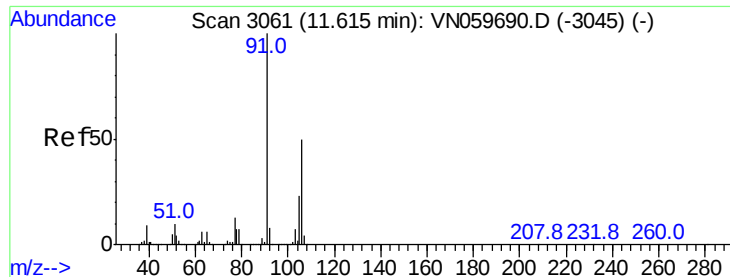


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V



Time-->

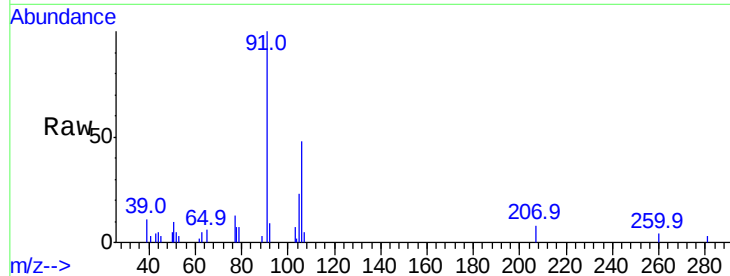




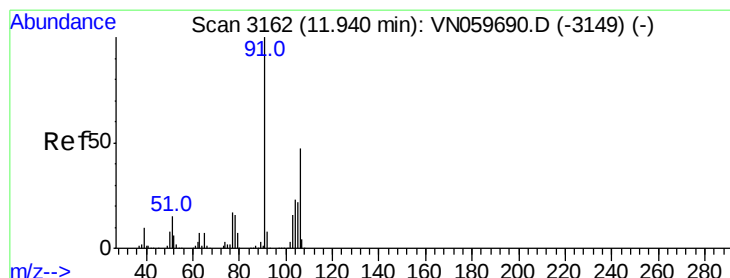
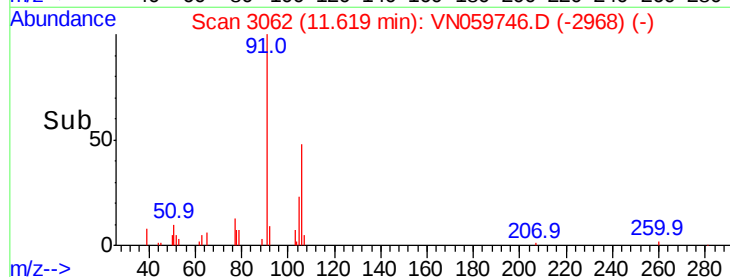
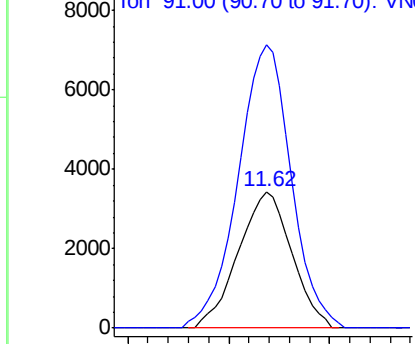
#68
m/p-Xylenes
Concen: 1.812 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN059746.D
Acq: 16 Jan 2020 20:45

Instrument :
MSVOA_N
ClientSampled :
400115760.2

Tgt Ion:106 Resp: 6340
Ion Ratio Lower Upper
106 100
91 207.0 167.9 251.9

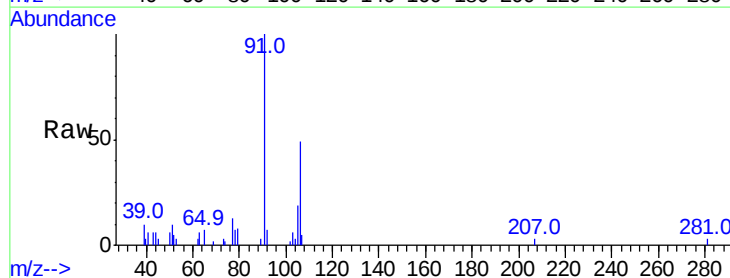


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

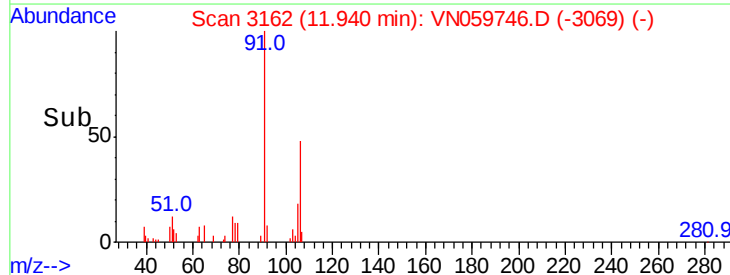
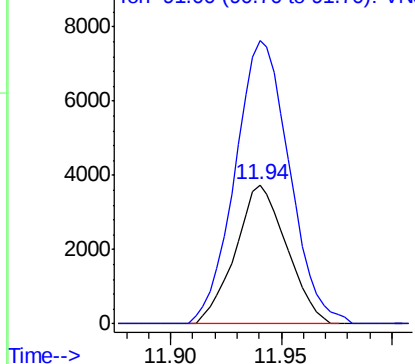


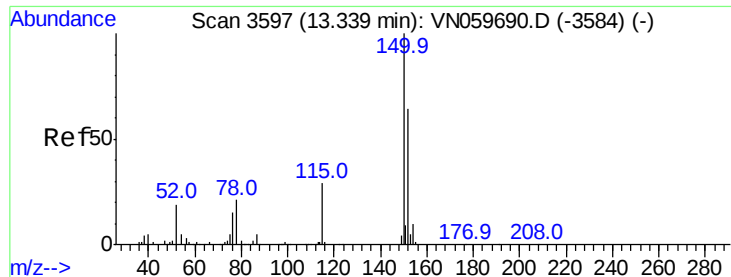
#69
o-Xylene
Concen: 1.757 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059746.D
Acq: 16 Jan 2020 20:45

Tgt Ion:106 Resp: 6017
Ion Ratio Lower Upper
106 100
91 217.2 110.3 330.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059746.D

Acq: 16 Jan 2020 20:45

Instrument :

MSVOA_N

ClientSampled :

400115760.2

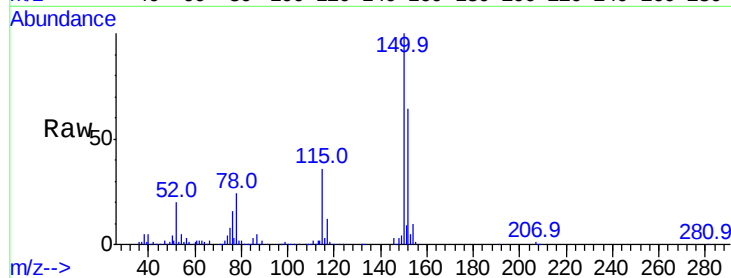
Tgt Ion:152 Resp: 114490

Ion Ratio Lower Upper

152 100

115 57.4 30.3 90.9

150 160.2 0.0 345.2

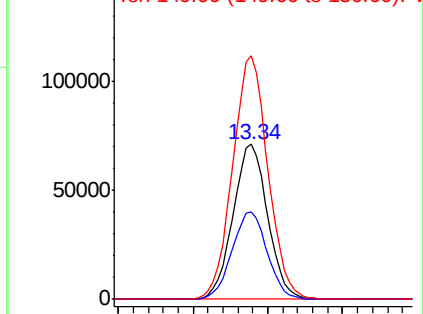
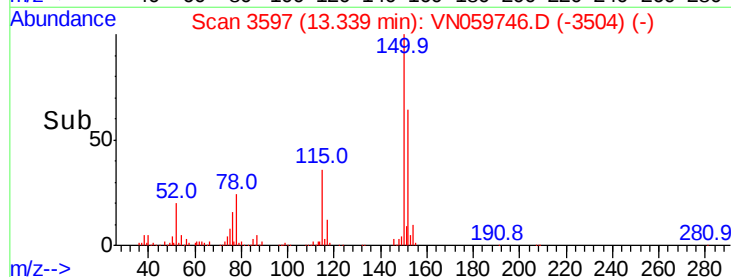


Abundance

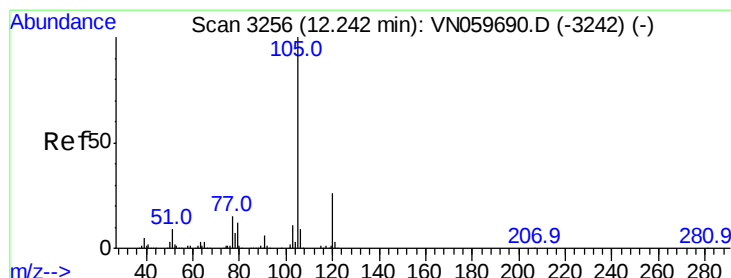
Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time--> 13.25 13.30 13.35 13.40



#73

Isopropylbenzene

Concen: 0.243 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059746.D

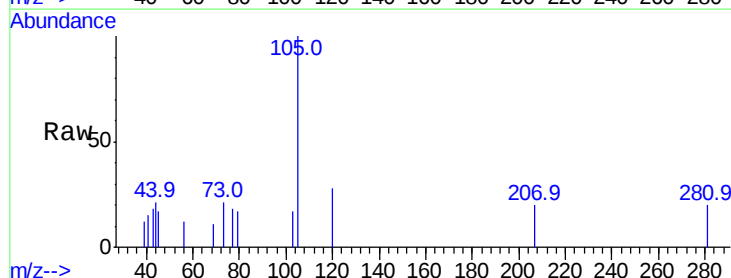
Acq: 16 Jan 2020 20:45

Tgt Ion:105 Resp: 2041

Ion Ratio Lower Upper

105 100

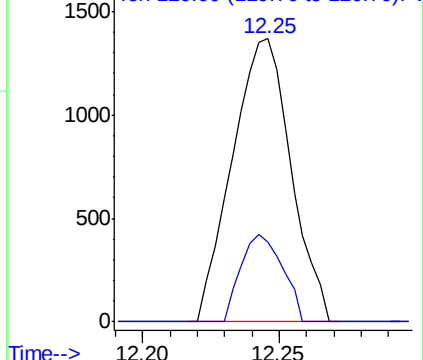
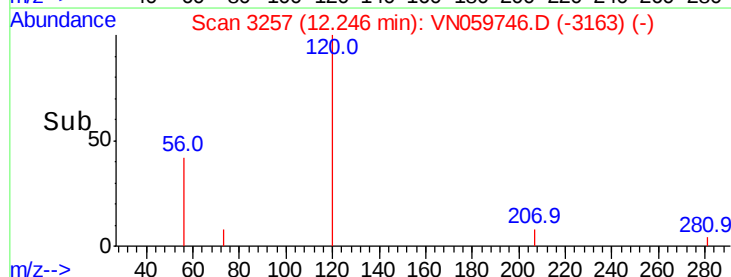
120 22.0 13.2 39.5



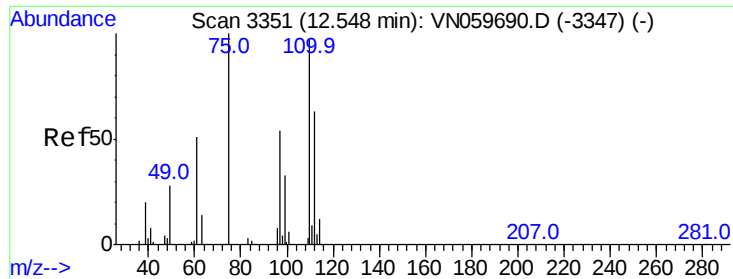
Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



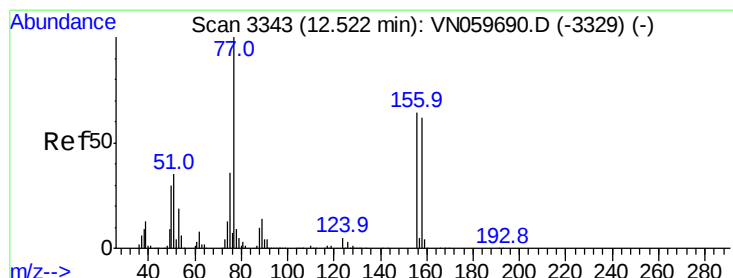
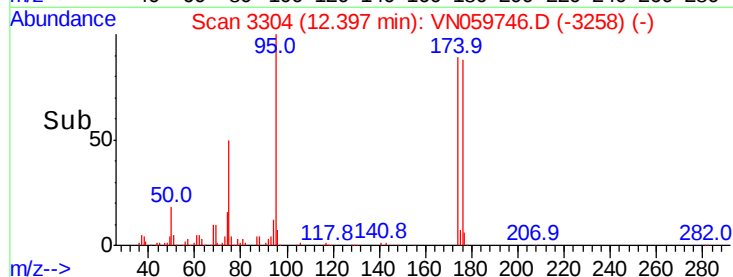
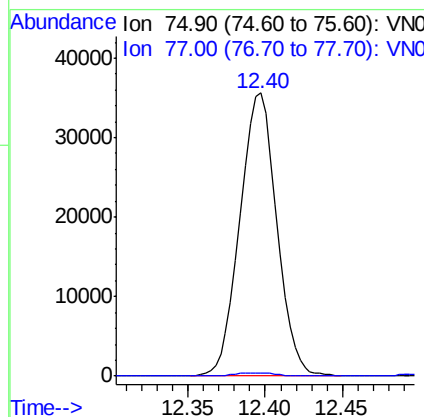
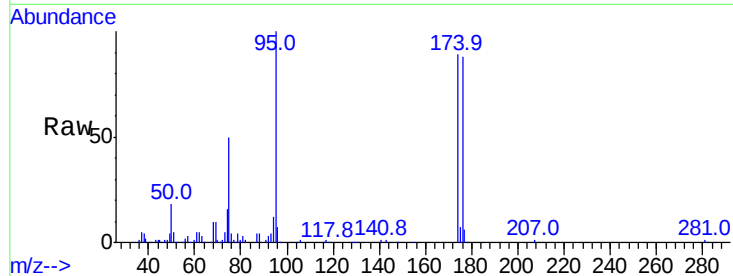
Time--> 12.20 12.25



#76
1,2,3-Trichloropropane
Concen: 30.674 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.15 min
Lab File: VN059746.D
Acq: 16 Jan 2020 20:45

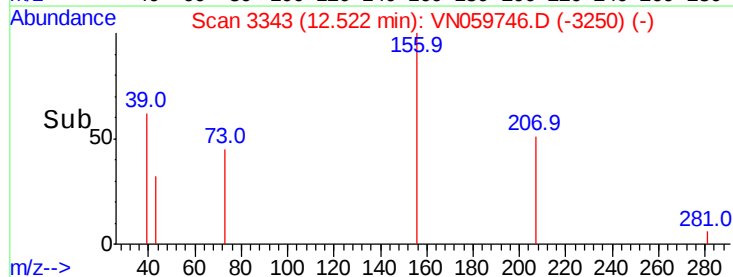
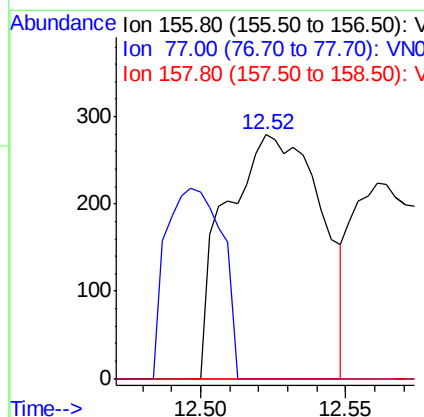
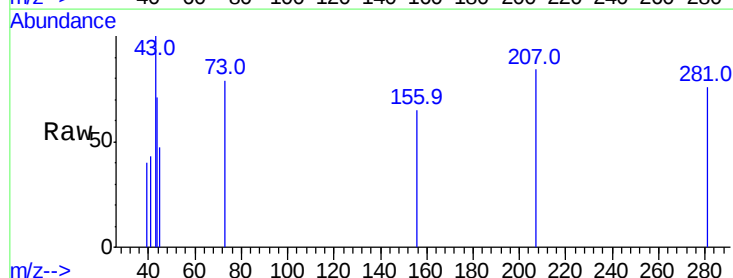
Instrument :
MSVOA_N
ClientSampleId :
400115760.2

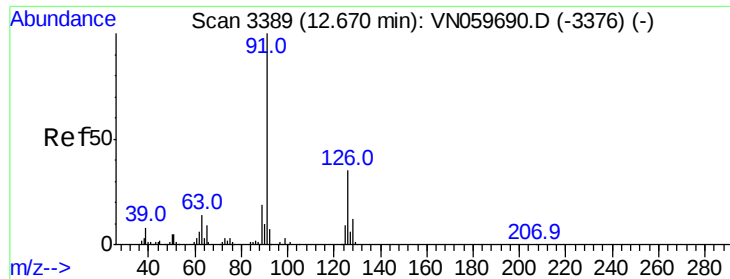
Tgt Ion: 75 Resp: 59102
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#77
Bromobenzene
Concen: 0.301 ug/l
RT: 12.52 min Scan# 3343
Delta R.T. 0.00 min
Lab File: VN059746.D
Acq: 16 Jan 2020 20:45

Tgt Ion: 156 Resp: 640
Ion Ratio Lower Upper
156 100
77 0.0 115.8 347.4#
158 0.0 49.2 147.6#

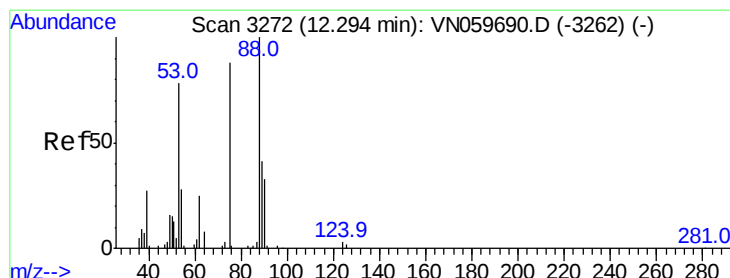
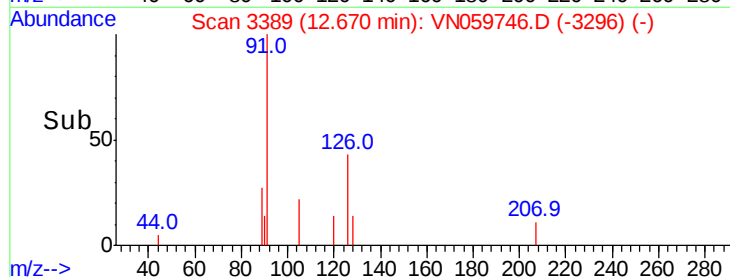
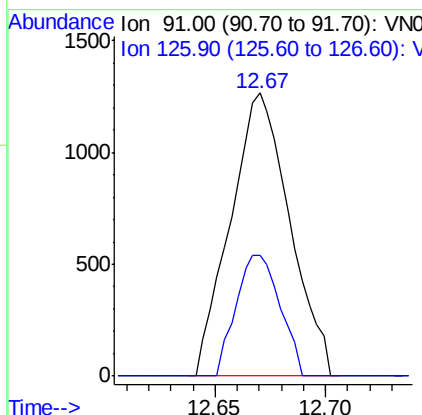
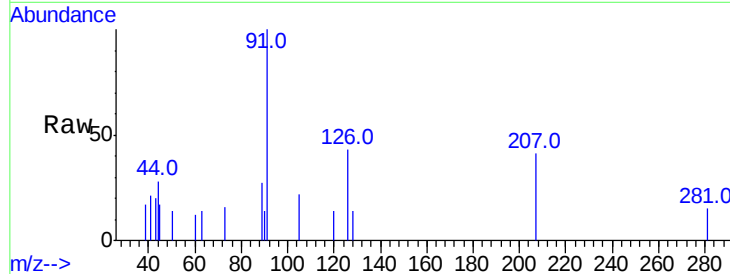




#79
2-Chlorotoluene
Concen: 0.420 ug/l
RT: 12.67 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VN059746.D
Acq: 16 Jan 2020 20:45

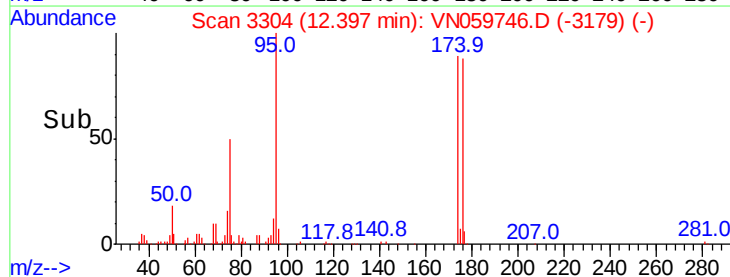
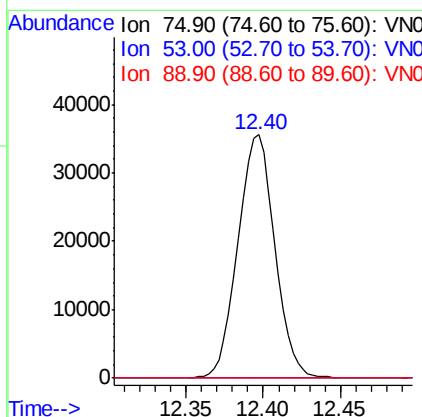
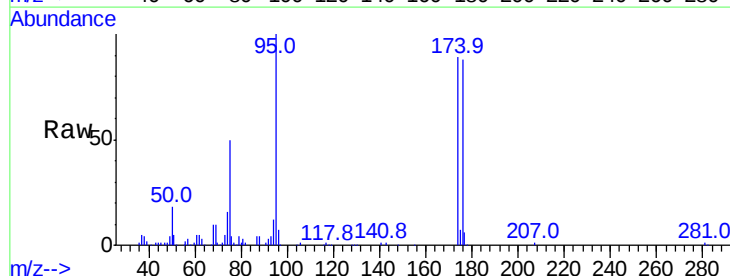
Instrument :
MSVOA_N
ClientSampled :
400115760.2

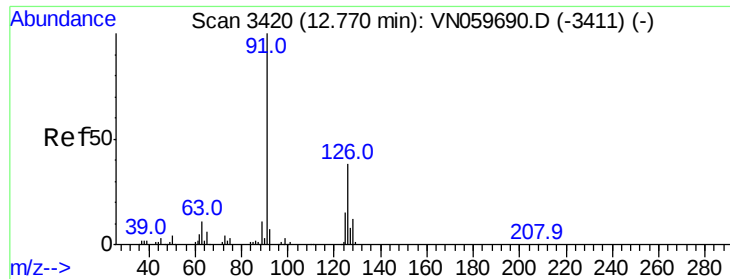
Tgt Ion: 91 Resp: 2355
Ion Ratio Lower Upper
91 100
126 31.8 16.3 48.9



#81
trans-1,4-Dichloro-2-butene
Concen: 65.873 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.10 min
Lab File: VN059746.D
Acq: 16 Jan 2020 20:45

Tgt Ion: 75 Resp: 59102
Ion Ratio Lower Upper
75 100
53 0.0 78.1 117.1#
89 0.0 35.4 53.2#





#82

4-Chlorotoluene

Concen: 0.419 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.10 min

Lab File: VN059746.D

Acq: 16 Jan 2020 20:45

Instrument :

MSVOA_N

ClientSampled :

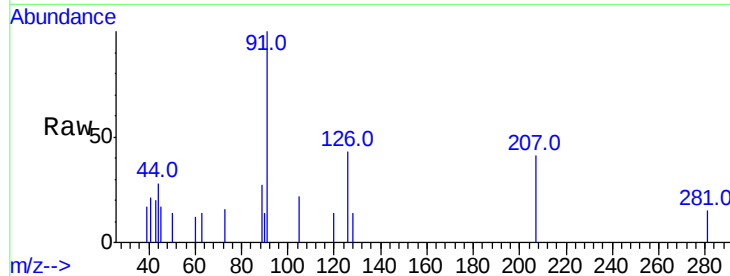
400115760.2

Tgt Ion: 91 Resp: 2355

Ion Ratio Lower Upper

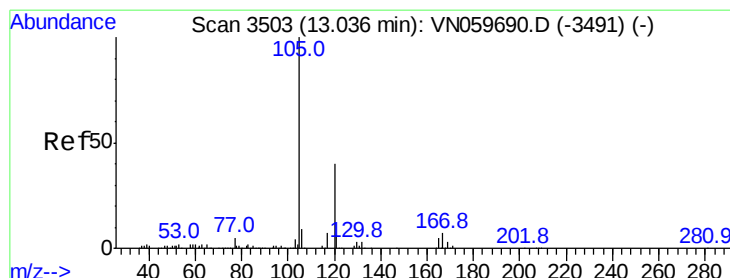
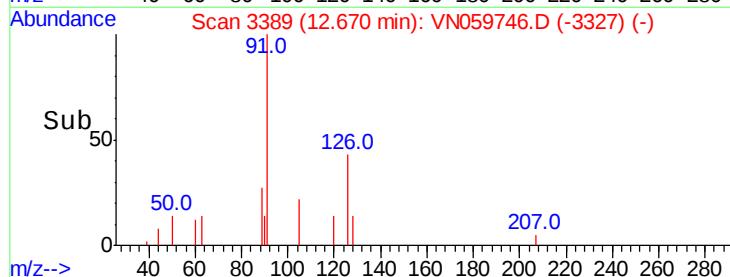
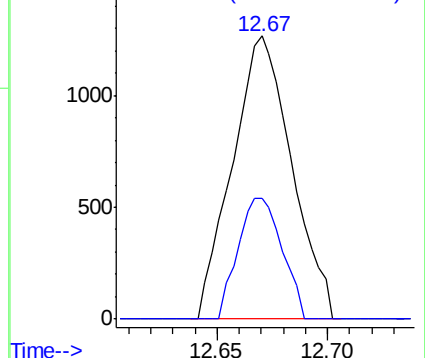
91 100

126 31.8 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN059746.D (-3389) (-)

Ion 125.90 (125.60 to 126.60): VN059746.D (-3389) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.661 ug/l

RT: 13.03 min Scan# 3502

Delta R.T. -0.00 min

Lab File: VN059746.D

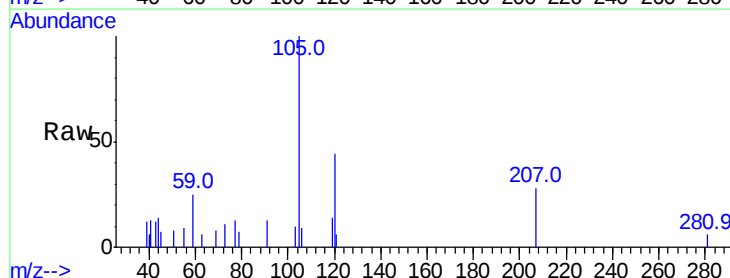
Acq: 16 Jan 2020 20:45

Tgt Ion: 105 Resp: 4621

Ion Ratio Lower Upper

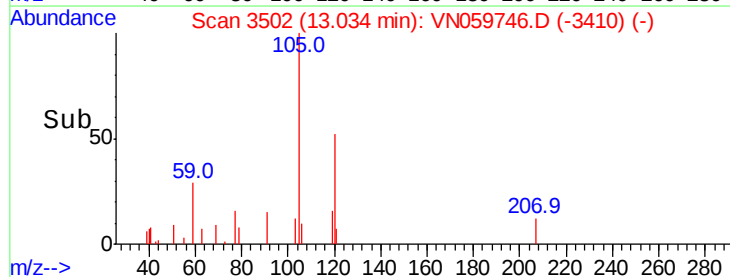
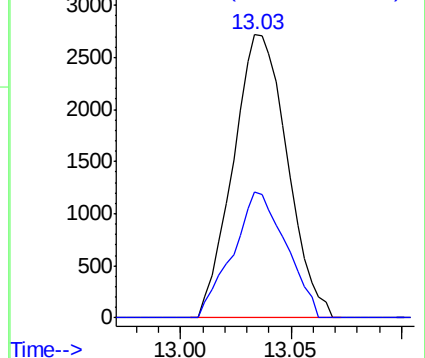
105 100

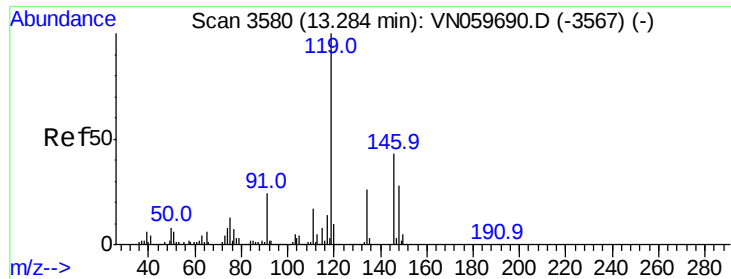
120 43.6 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): VN059746.D (-3502) (-)

Ion 120.00 (119.70 to 120.70): VN059746.D (-3502) (-)

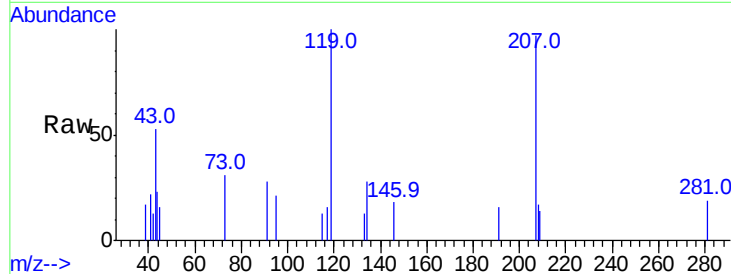




#86
p-Isopropyltoluene
Concen: 0.243 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN059746.D
Acq: 16 Jan 2020 20:45

Instrument :
MSVOA_N
ClientSampled :
400115760.2

Tgt Ion:119 Resp: 1802
Ion Ratio Lower Upper
119 100
134 33.9 12.9 38.7
91 23.3 12.4 37.4

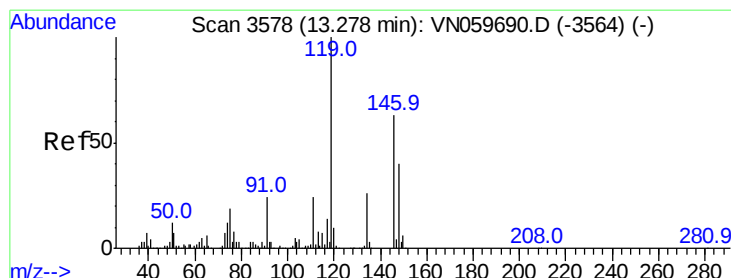
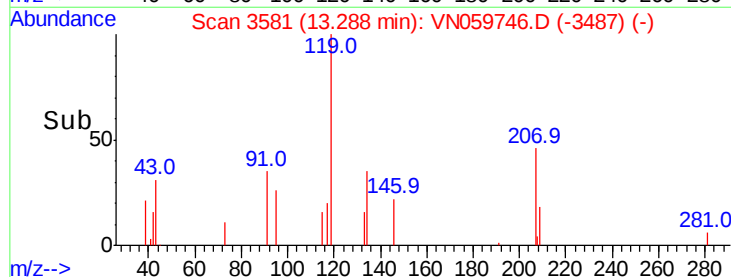
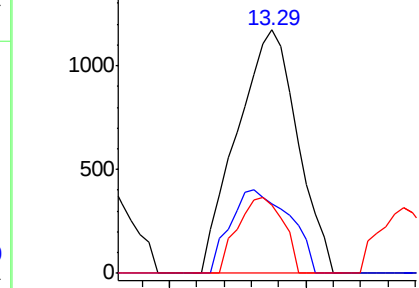


Abundance

Ion 119.00 (118.70 to 119.70): V

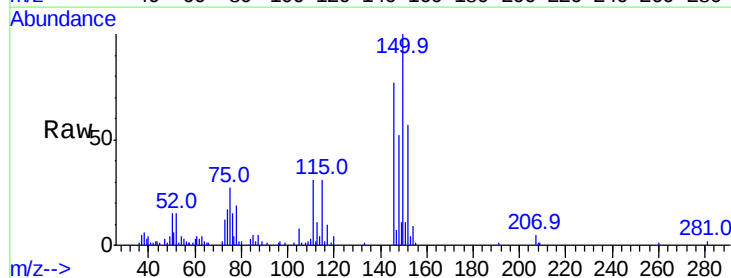
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87
1,3-Dichlorobenzene
Concen: 7.633 ug/l
RT: 13.36 min Scan# 3603
Delta R.T. 0.08 min
Lab File: VN059746.D
Acq: 16 Jan 2020 20:45

Tgt Ion:146 Resp: 28192
Ion Ratio Lower Upper
146 100
111 43.3 20.8 62.2
148 68.3 32.0 96.0

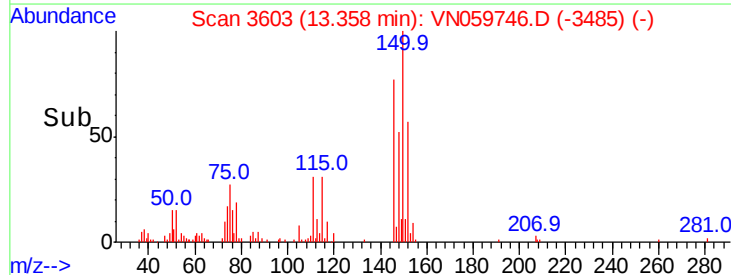
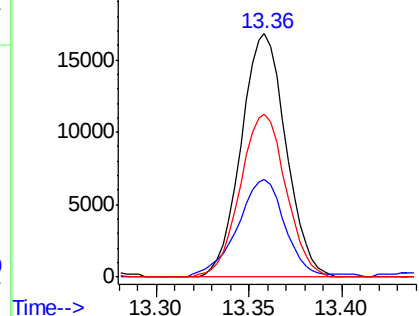


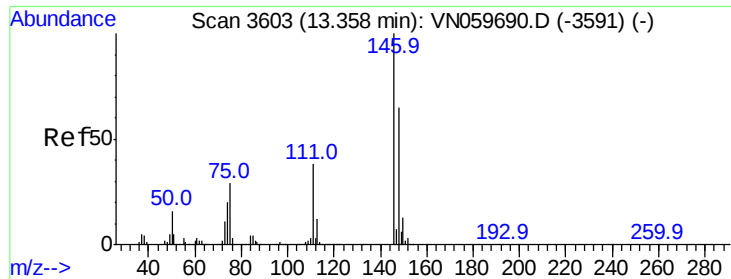
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

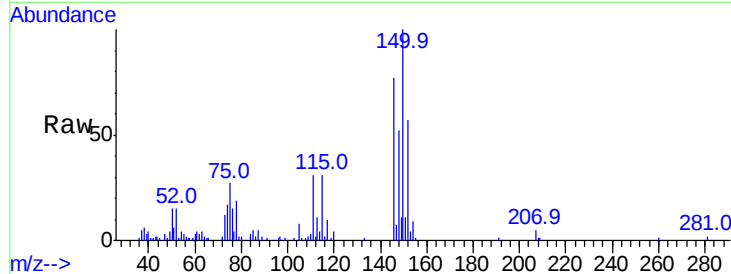




#88
 1,4-Dichlorobenzene
 Concen: 7.651 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN059746.D
 Acq: 16 Jan 2020 20:45

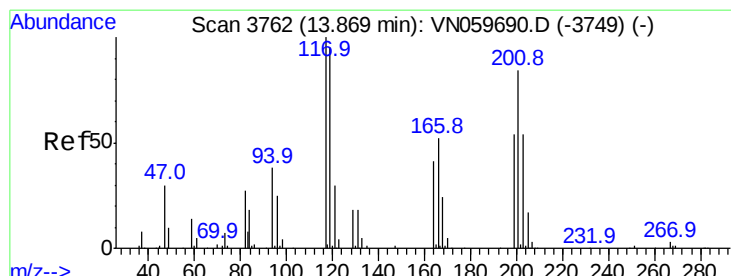
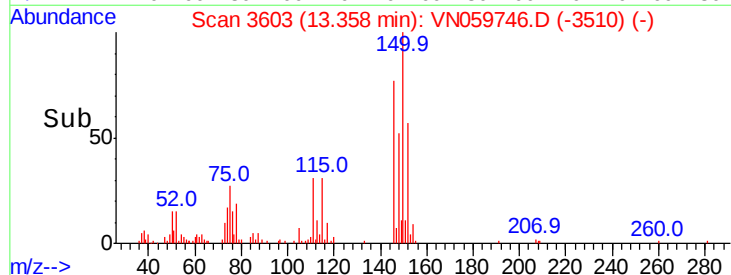
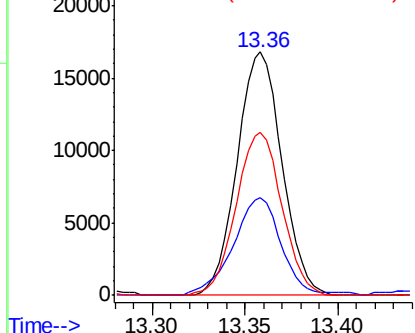
Instrument :
 MSVOA_N
 ClientSampleId :
 400115760.2

Tgt Ion:146 Resp: 28192
 Ion Ratio Lower Upper
 146 100
 111 43.3 20.8 62.2
 148 68.3 31.8 95.4



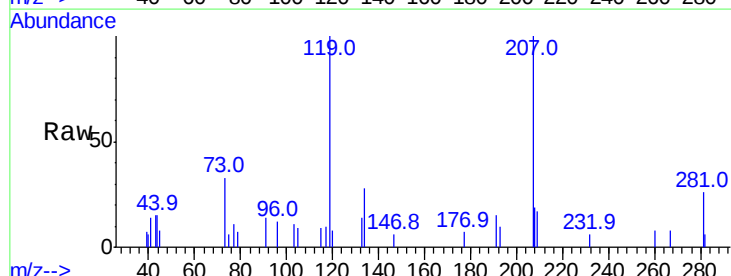
Abundance

Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V



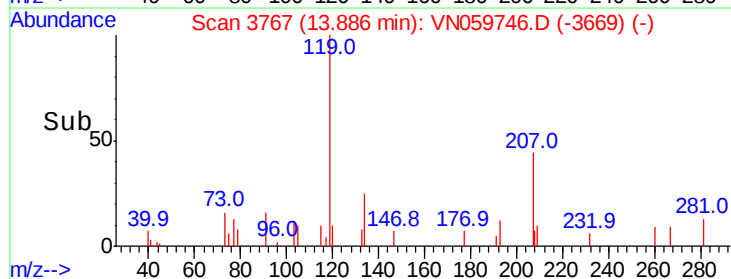
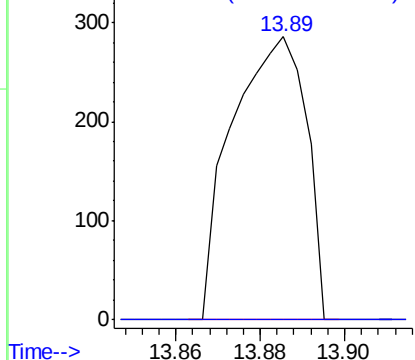
#90
 Hexachloroethane
 Concen: 0.251 ug/l
 RT: 13.89 min Scan# 3767
 Delta R.T. 0.02 min
 Lab File: VN059746.D
 Acq: 16 Jan 2020 20:45

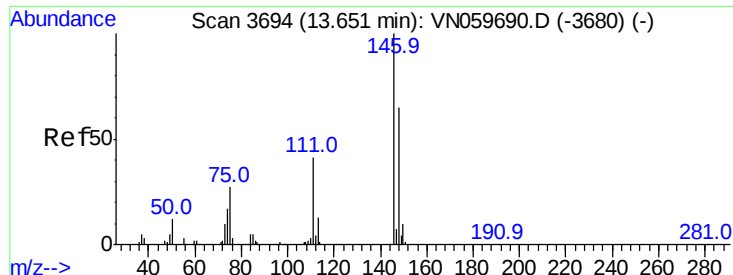
Tgt Ion:117 Resp: 349
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.8 113.4#



Abundance

Ion 116.80 (116.50 to 117.50): V
 Ion 200.70 (200.40 to 201.40): V

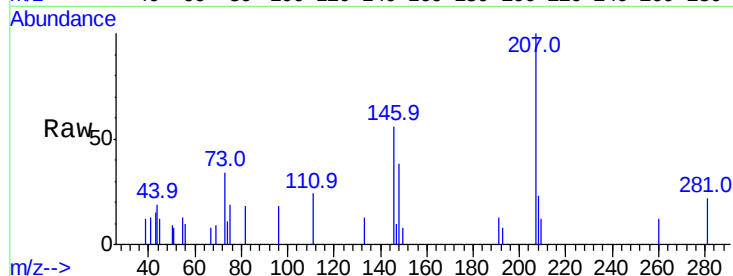




#91
 1,2-Dichlorobenzene
 Concen: 0.507 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN059746.D
 Acq: 16 Jan 2020 20:45

Instrument :
 MSVOA_N
 ClientSampled :
 400115760.2

Tgt Ion: 146 Resp: 1852
 Ion Ratio Lower Upper
 146 100
 111 40.0 21.6 64.8
 148 62.1 31.6 95.0

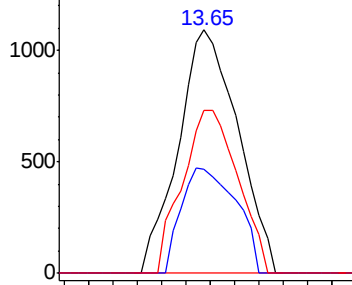


Abundance

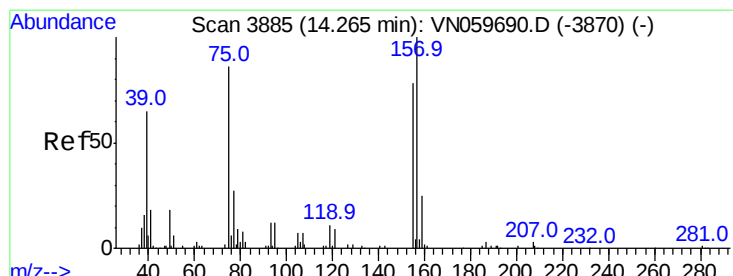
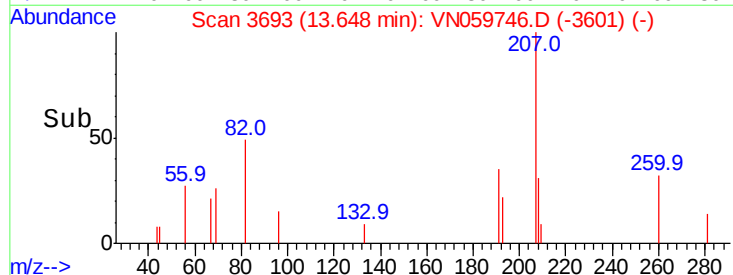
Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

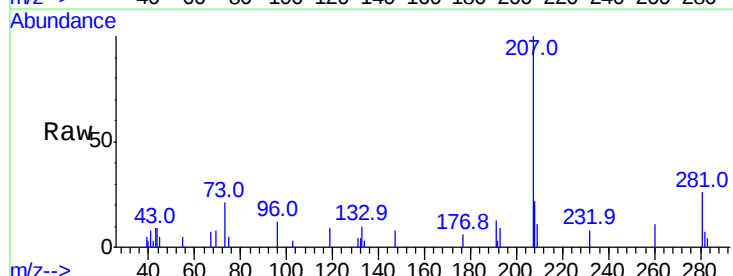


Time-->



#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.26 min Scan# 3884
 Delta R.T. -0.00 min
 Lab File: VN059746.D
 Acq: 16 Jan 2020 20:45

Tgt Ion: 75 Resp: 182
 Ion Ratio Lower Upper
 75 100
 155 0.0 37.0 110.9#
 157 0.0 48.4 145.2#

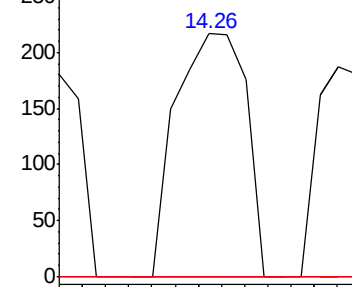


Abundance

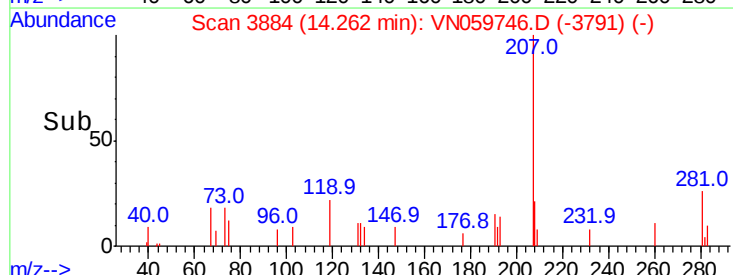
Ion 74.90 (74.60 to 75.60): V

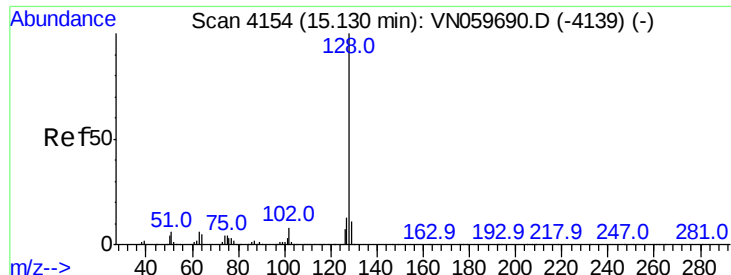
Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



Time-->





#95

Naphthalene

Concen: 0.580 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN059746.D

Acq: 16 Jan 2020 20:45

Instrument :

MSVOA_N

ClientSampleId :

400115760.2

Tgt Ion:128 Resp: 3619

Ion Ratio Lower Upper

128 100

127 10.5 10.4 15.6

129 8.0 8.6 12.8#

