

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
 Data File : VN059392.D
 Acq On : 25 Nov 2019 18:44
 Operator : JC/SP
 Sample : K5933-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 26 00:41:15 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	7.65	168	344605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	530430	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	464942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	177577	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	195648	47.32	ug/l	0.00
Spiked Amount			Recovery	=	94.64%	
35) Dibromofluoromethane	7.57	113	159285	50.05	ug/l	0.00
Spiked Amount			Recovery	=	100.10%	
50) Toluene-d8	10.08	98	645673	51.04	ug/l	0.00
Spiked Amount			Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.40	95	211522	47.82	ug/l	0.00
Spiked Amount			Recovery	=	95.64%	

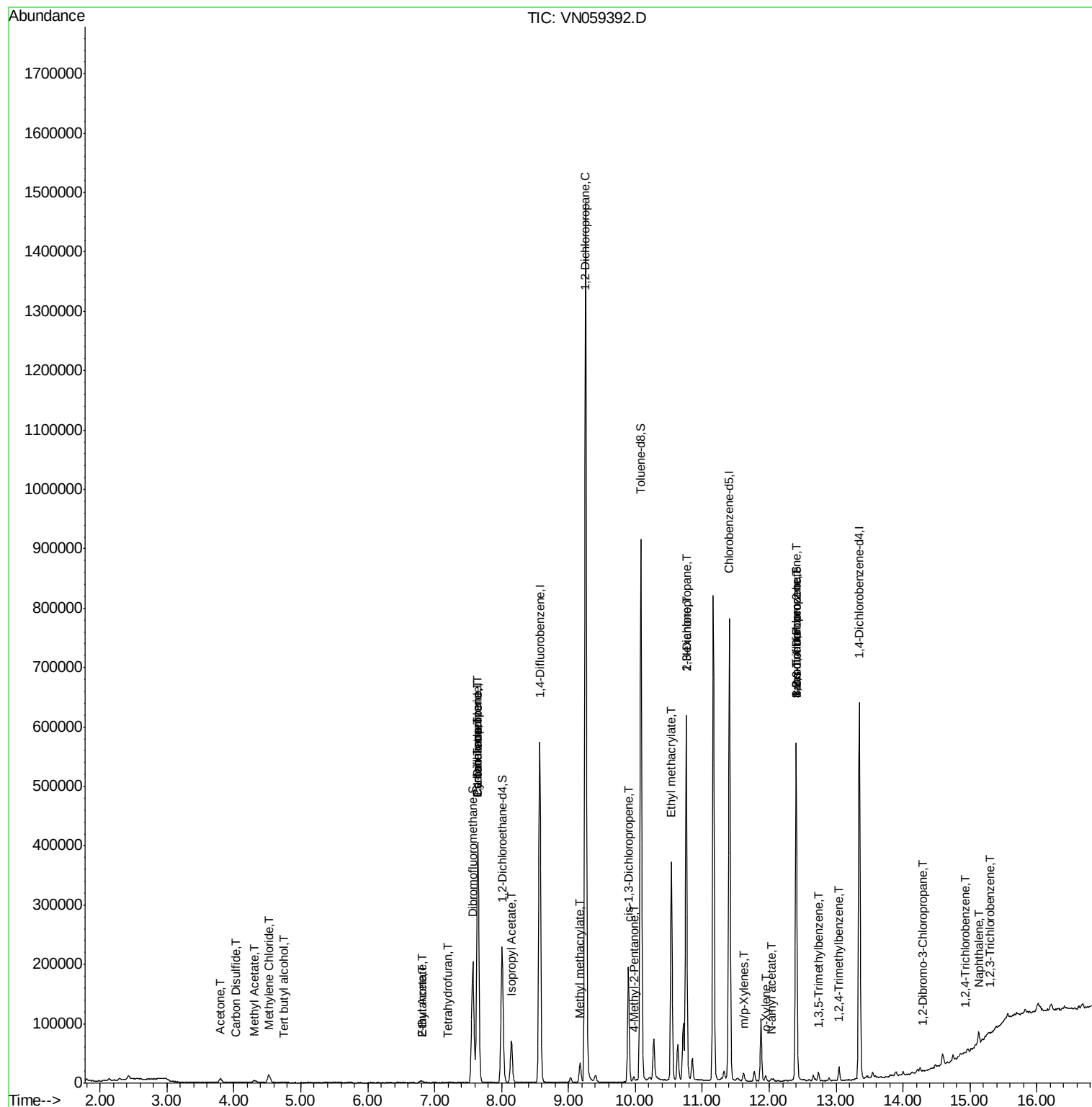
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.75	59	624	0.754	ug/l #	73
16) Acetone	3.80	43	10505	5.666	ug/l	93
17) Carbon Disulfide	4.03	76	1784	0.293	ug/l #	75
18) Methyl Acetate	4.30	43	5977	0.971	ug/l #	74
20) Methylene Chloride	4.52	84	10713	2.562	ug/l	97
25) 2-Butanone	6.82	43	2186	0.758	ug/l #	49
29) Tetrahydrofuran	7.20	42	637	0.320	ug/l #	48
31) Cyclohexane	7.64	56	6141	0.843	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	24975	4.561	ug/l #	49
37) Ethyl Acetate	6.82	43	2186	0.371	ug/l #	68
38) Carbon Tetrachloride	7.64	117	31922	6.089	ug/l #	15
43) Isopropyl Acetate	8.15	43	82508	9.174	ug/l #	90
45) 1,2-Dichloropropane	9.26	63	2056	0.480	ug/l #	45
48) Methyl methacrylate	9.17	41	5214	1.275	ug/l #	14
51) 4-Methyl-2-Pentanone	9.98	43	5355	1.017	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	35465	5.340	ug/l #	64
56) Ethyl methacrylate	10.54	69	1113	2.360	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6366	0.972	ug/l #	42
59) 2-Hexanone	10.76	43	85328	22.135	ug/l #	52
68) m/p-Xylenes	11.62	106	3998	0.603	ug/l	94
69) o-Xylene	11.95	106	2252	0.355	ug/l	97
71) Bromoform	12.40	173	929	0.338	ug/l #	1
74) N-amyl acetate	12.03	43	3905	0.668	ug/l #	44
76) 1,2,3-Trichloropropane	12.40	75	100689	24.543	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	7922	0.648	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	100689	61.387	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.04	105	13642	1.139	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.29	75	400	0.391	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.91	180	825	3.144	ug/l #	30
95) Naphthalene	15.13	128	18071	4.785	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	1243	2.224	ug/l #	73

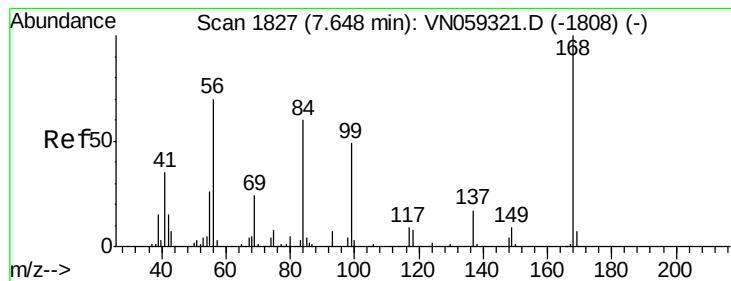
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059392.D

Acq: 25 Nov 2019 18:44

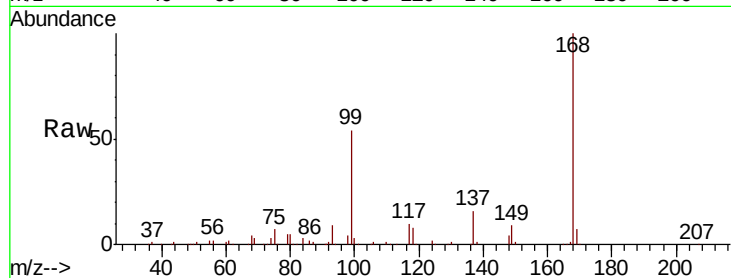
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 344605

Ion Ratio Lower Upper

168 100

99 54.5 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

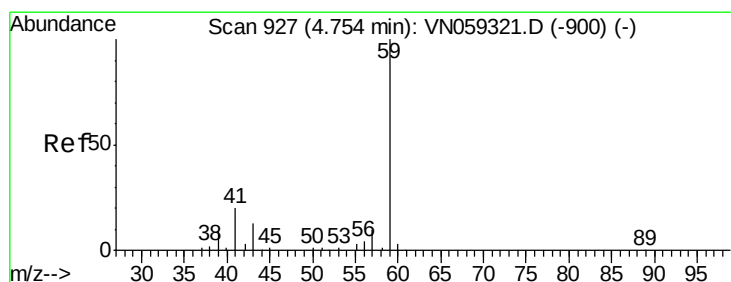
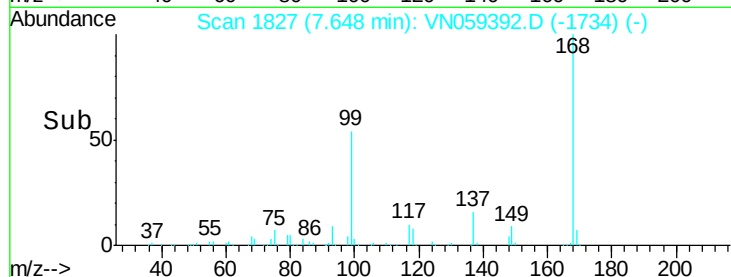
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 0.754 ug/l

RT: 4.75 min Scan# 925

Delta R.T. -0.01 min

Lab File: VN059392.D

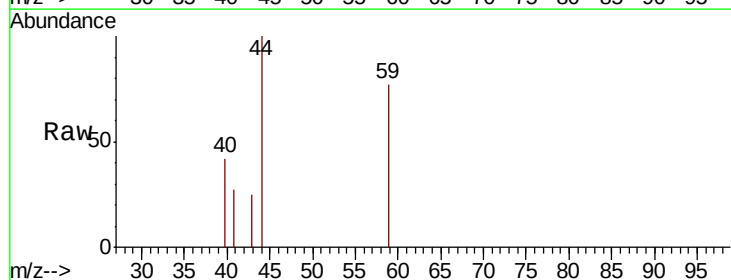
Acq: 25 Nov 2019 18:44

Tgt Ion: 59 Resp: 624

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

4.75

600

500

400

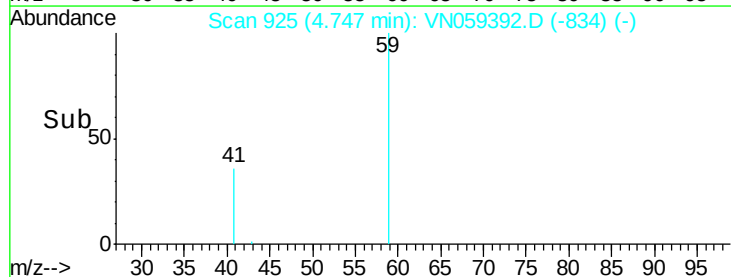
300

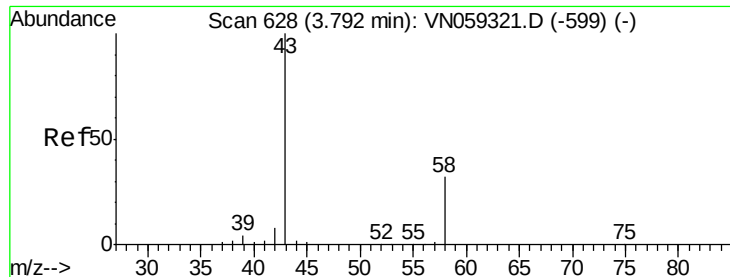
200

100

0

Time--> 4.73 4.74 4.75 4.76





#16

Acetone

Concen: 5.666 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN059392.D

Acq: 25 Nov 2019 18:44

Instrument :

MSVOA_N

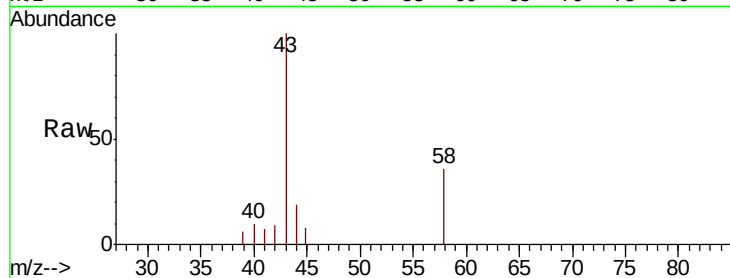
ClientSampled :

Tot Ion: 43 Resp: 10505

Ion Ratio Lower Upper

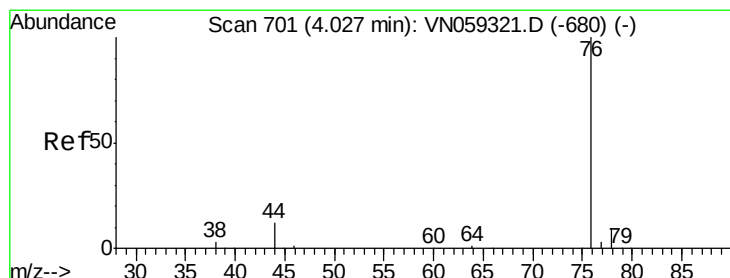
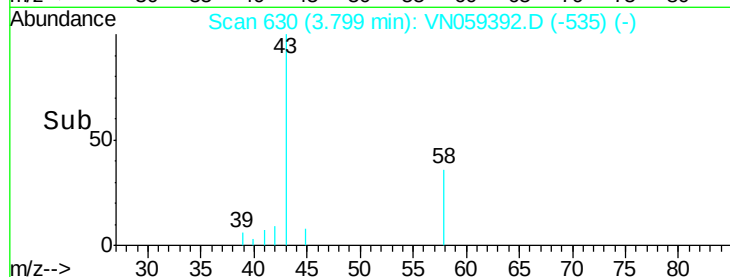
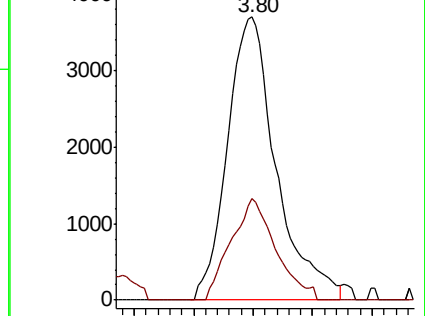
43 100

58 36.1 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: 0.293 ug/l

RT: 4.03 min Scan# 701

Delta R.T. 0.00 min

Lab File: VN059392.D

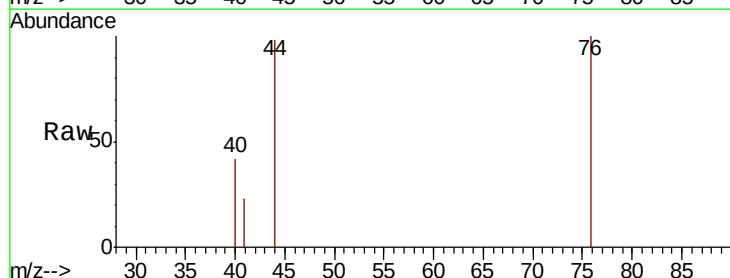
Acq: 25 Nov 2019 18:44

Tgt Ion: 76 Resp: 1784

Ion Ratio Lower Upper

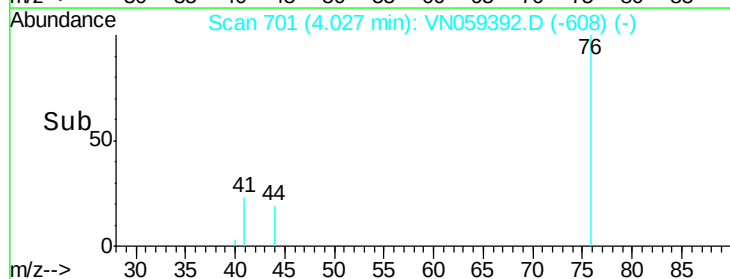
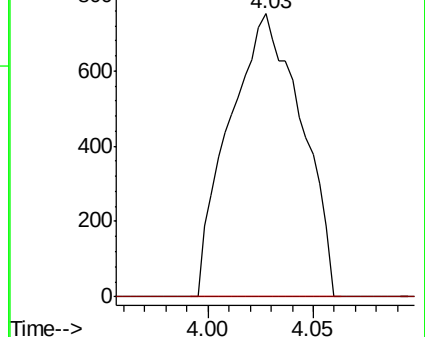
76 100

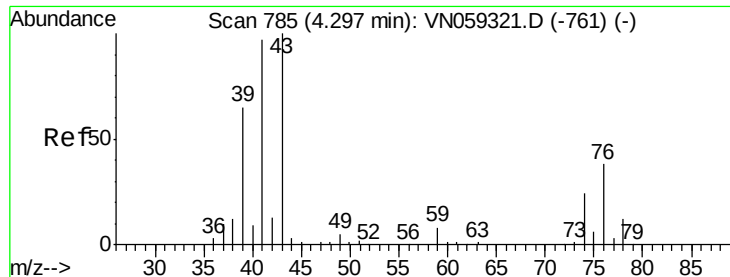
78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

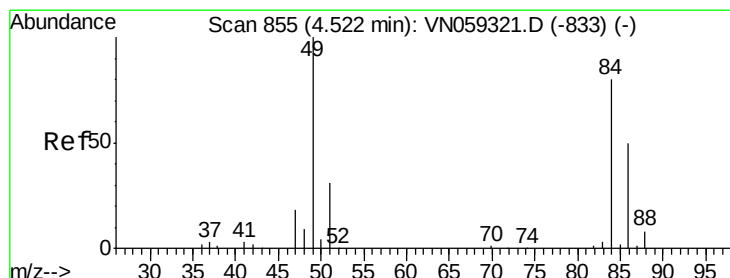
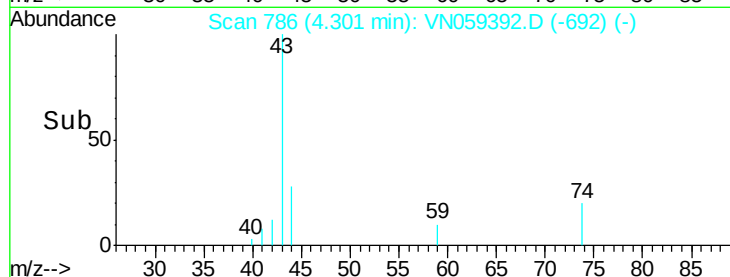
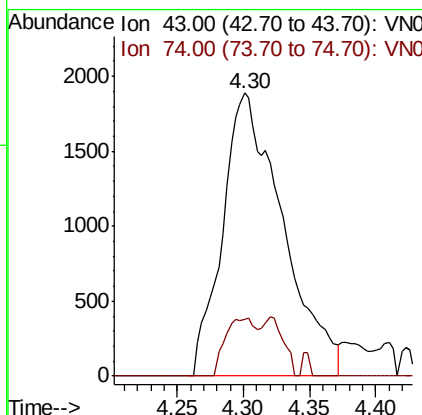
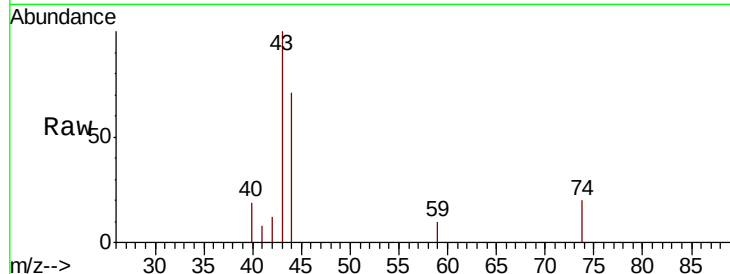




#18
Methyl Acetate
Concen: 0.971 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.00 min
Lab File: VN059392.D
Acq: 25 Nov 2019 18:44

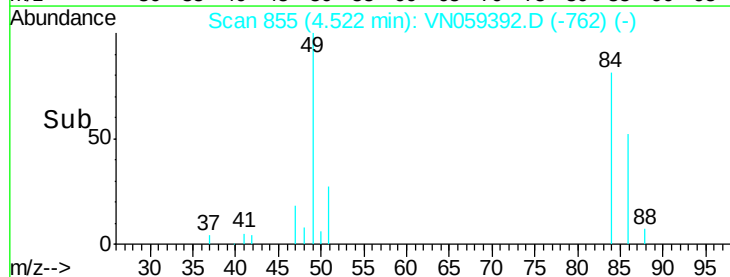
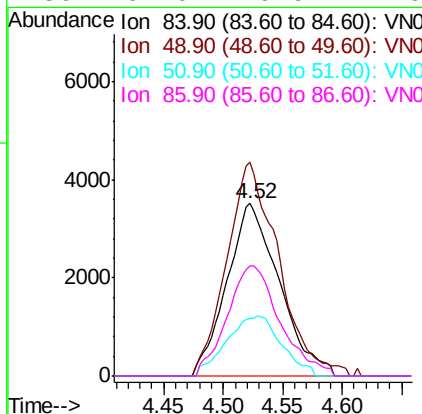
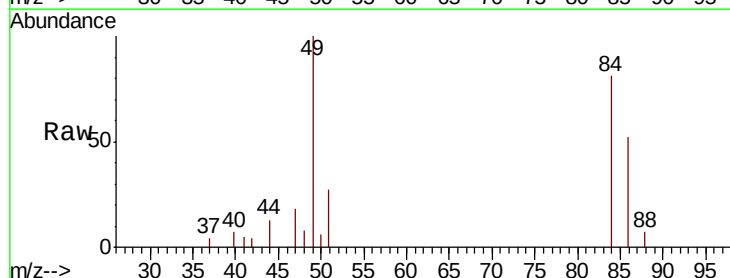
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MSVOA_N
ClientSampleId :

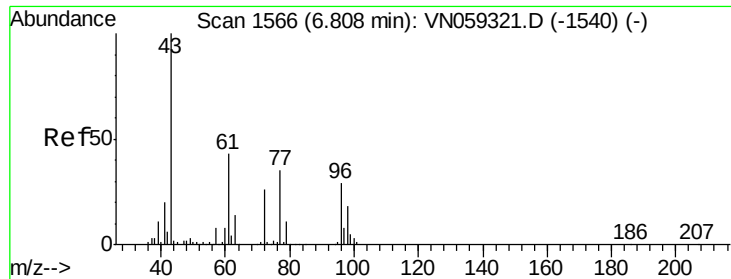
Tot Ion: 43 Resp: 5977
Ion Ratio Lower Upper
43 100
74 10.3 18.1 27.1#



#20
Methylene Chloride
Concen: 2.562 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059392.D
Acq: 25 Nov 2019 18:44

Tgt Ion: 84 Resp: 10713
Ion Ratio Lower Upper
84 100
49 123.8 99.5 149.3
51 33.1 31.1 46.7
86 64.0 49.9 74.9





#25

2-Butanone

Concen: 0.758 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.02 min

Lab File: VN059392.D

Acq: 25 Nov 2019 18:44

Instrument :

MSVOA_N

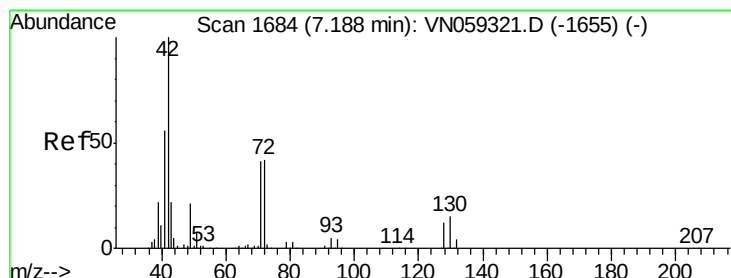
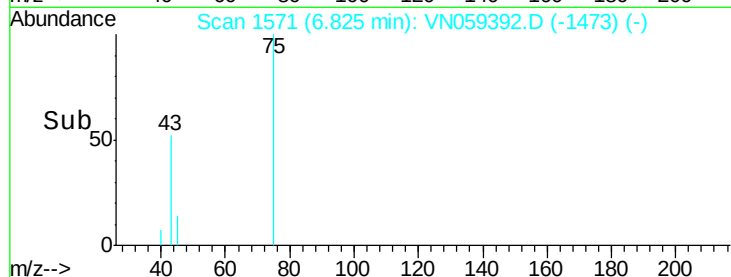
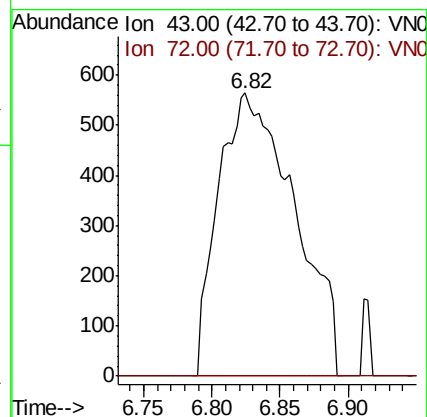
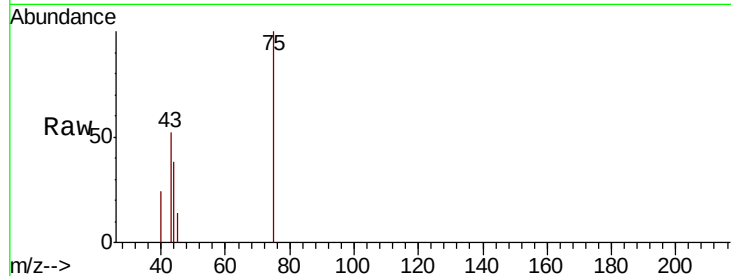
ClientSampled :

Tot Ion: 43 Resp: 2186

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#



#29

Tetrahydrofuran

Concen: 0.320 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.01 min

Lab File: VN059392.D

Acq: 25 Nov 2019 18:44

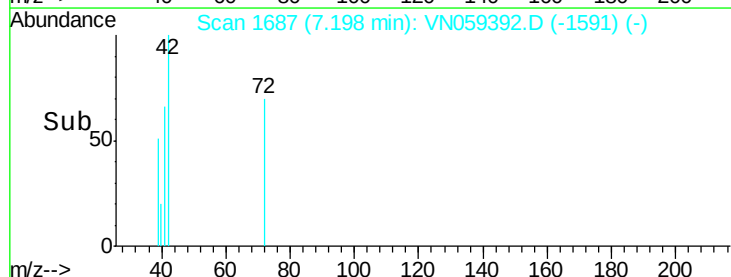
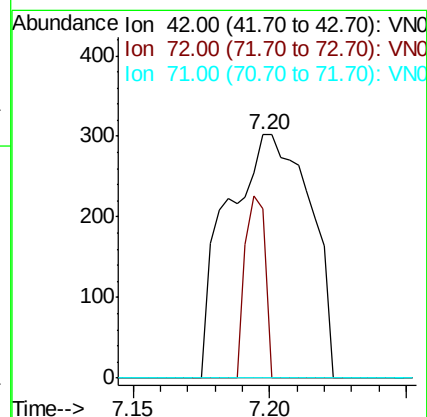
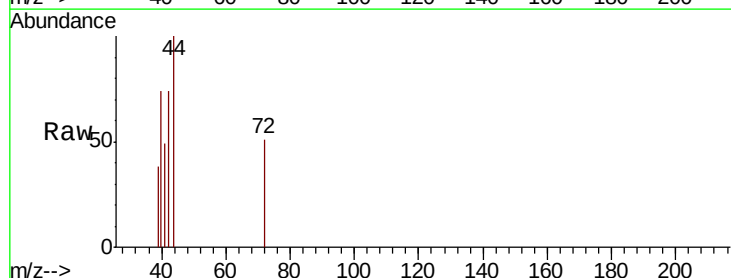
Tgt Ion: 42 Resp: 637

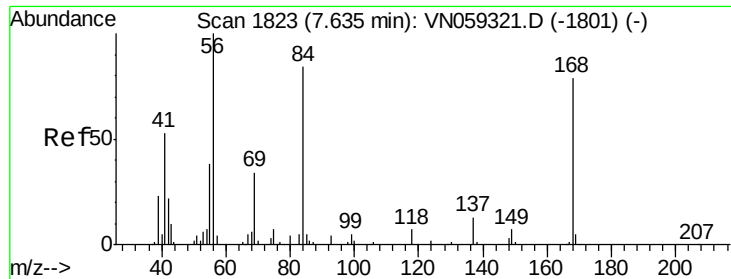
Ion Ratio Lower Upper

42 100

72 18.2 34.2 51.2#

71 0.0 32.6 48.8#

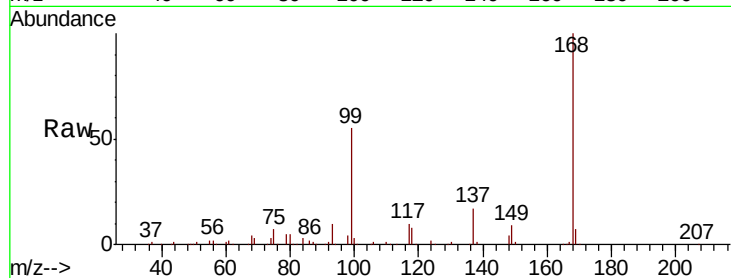




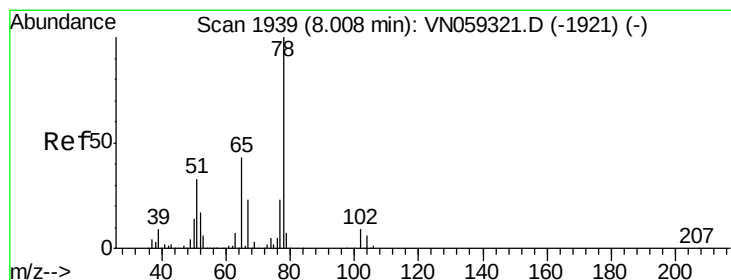
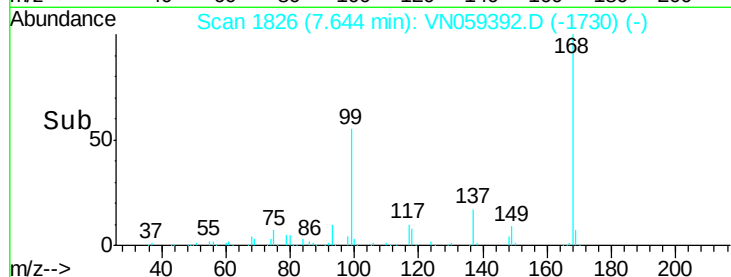
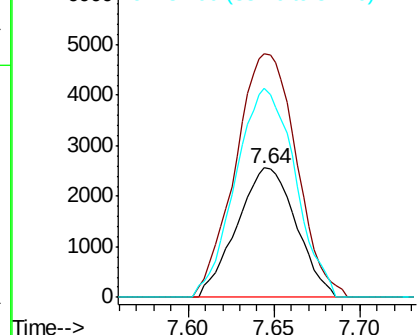
#31
Cyclohexane
Concen: 0.843 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059392.D
Acq: 25 Nov 2019 18:44

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 6141
Ion Ratio Lower Upper
56 100
69 188.5 26.6 40.0#
84 161.9 67.0 100.4#

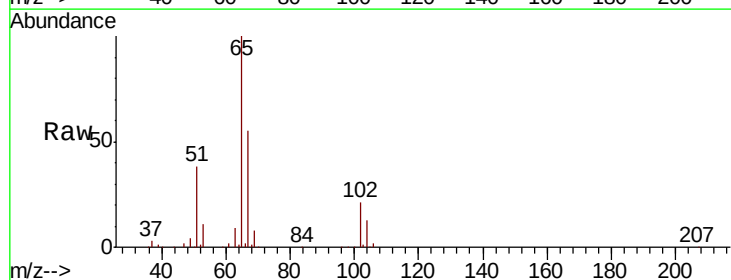


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

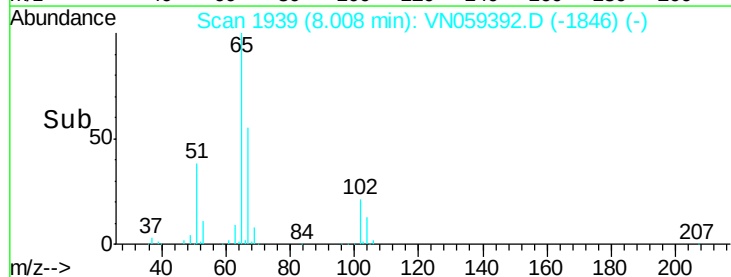
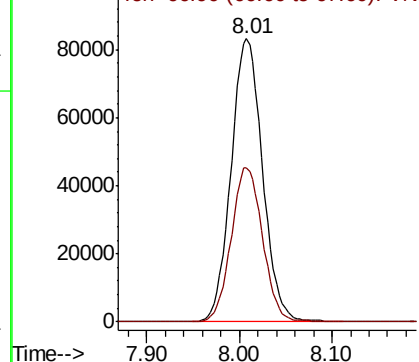


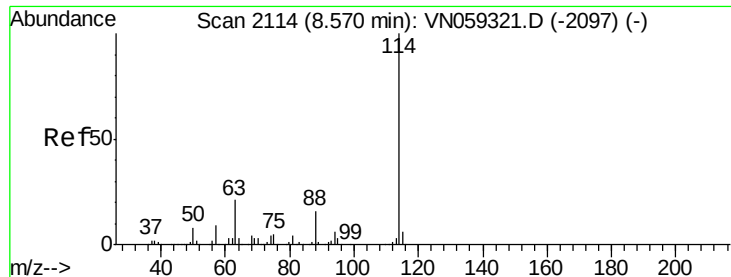
#33
1,2-Dichloroethane-d4
Concen: 47.319 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059392.D
Acq: 25 Nov 2019 18:44

Tgt Ion: 65 Resp: 195648
Ion Ratio Lower Upper
65 100
67 54.4 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: VN059392.D

Acq: 25 Nov 2019 18:44

Instrument :
MSVOA_N
ClientSampleId :

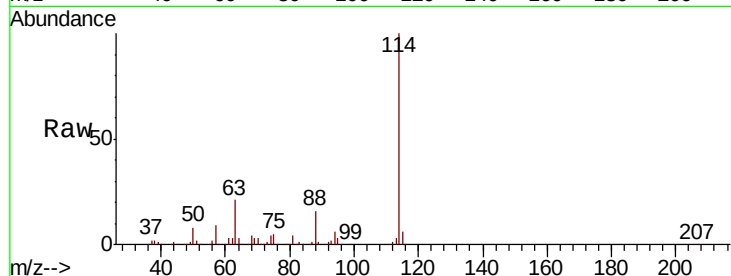
Tot Ion:114 Resp: 530430

Ion Ratio Lower Upper

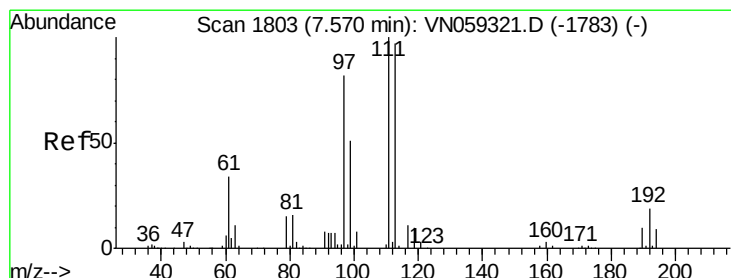
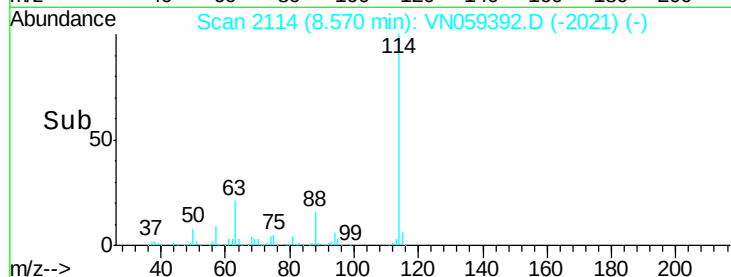
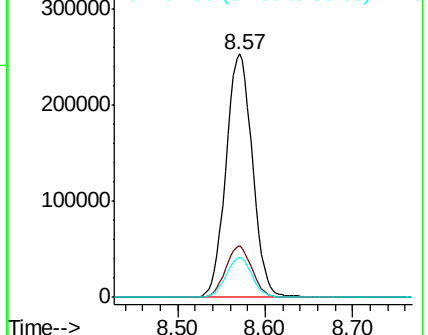
114 100

63 20.9 0.0 42.2

88 16.3 0.0 32.2



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: 50.054 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059392.D

Acq: 25 Nov 2019 18:44

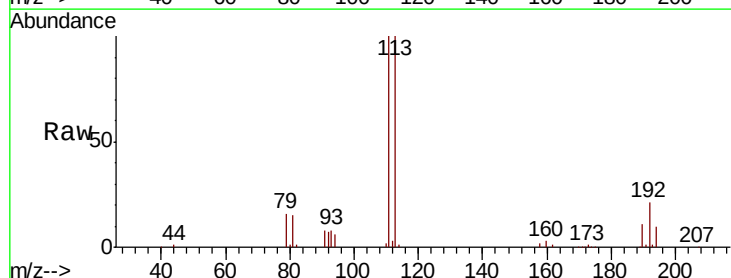
Tgt Ion:113 Resp: 159285

Ion Ratio Lower Upper

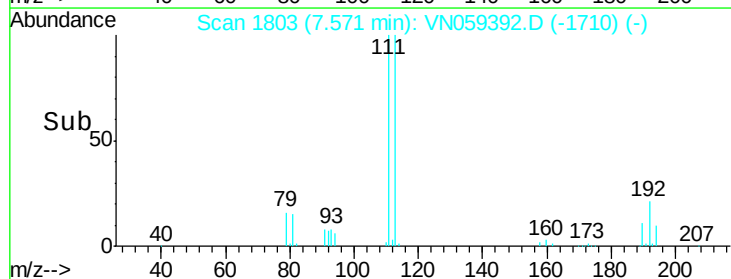
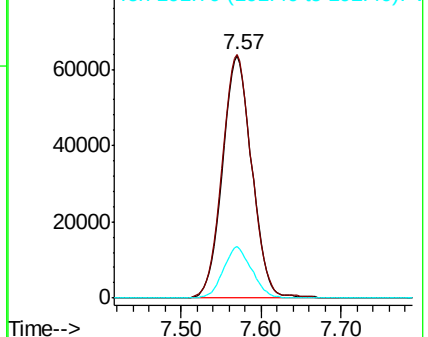
113 100

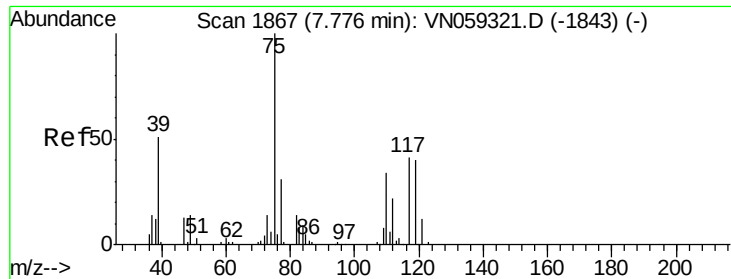
111 101.7 82.7 124.1

192 20.5 16.3 24.5



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

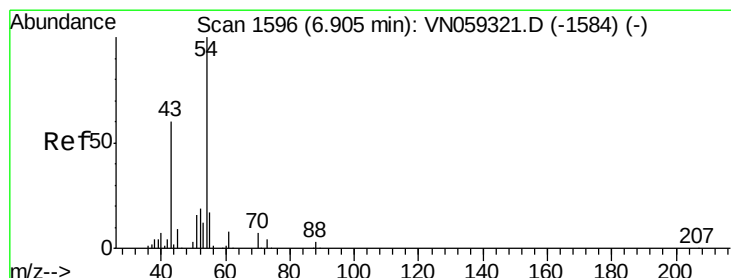
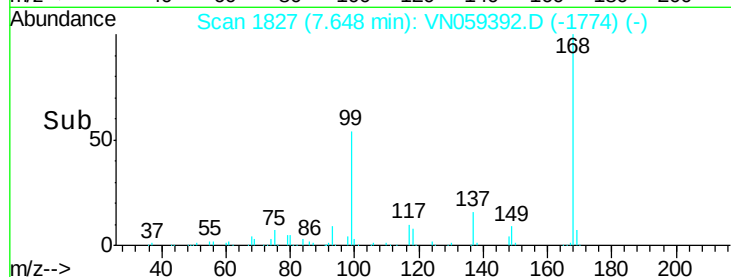
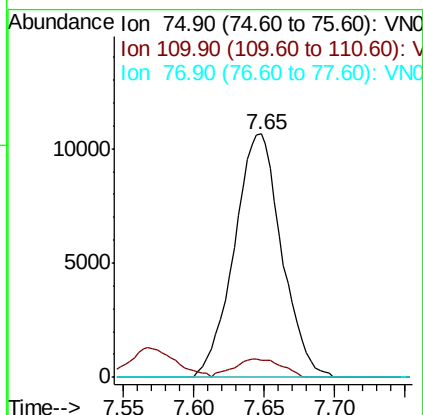
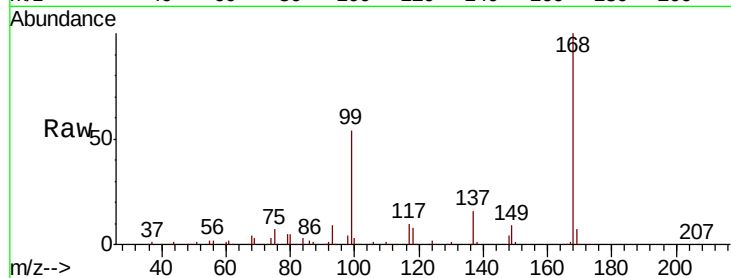




#36
 1,1-Dichloropropene
 Concen: 4.561 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN059392.D
 Acq: 25 Nov 2019 18:44

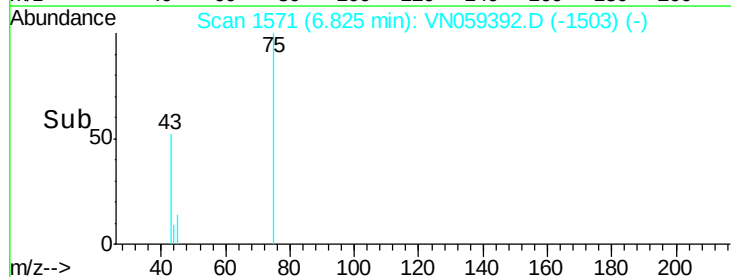
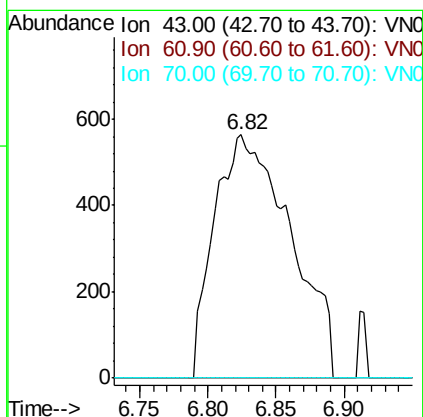
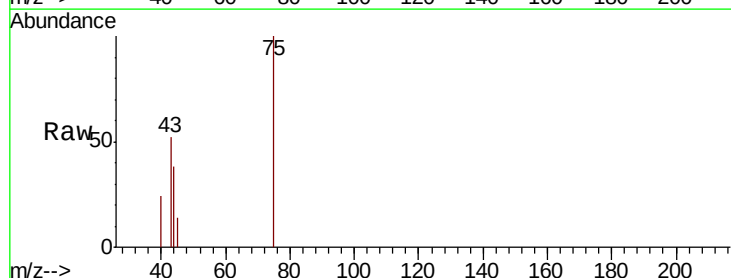
Instrument :
 MSVOA_N
 ClientSampled :

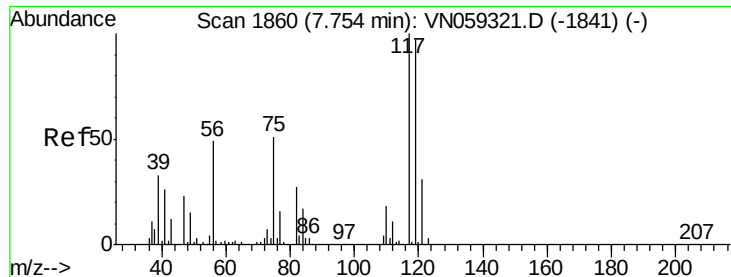
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.5	17.0	51.0#
77	0.0	24.8	37.2#



#37
 Ethyl Acetate
 Concen: 0.371 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.08 min
 Lab File: VN059392.D
 Acq: 25 Nov 2019 18:44

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.0	16.6#
70	0.0	8.8	13.2#





#38

Carbon Tetrachloride

Concen: 6.089 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN059392.D

Acq: 25 Nov 2019 18:44

Instrument :

MSVOA_N

ClientSampleId :

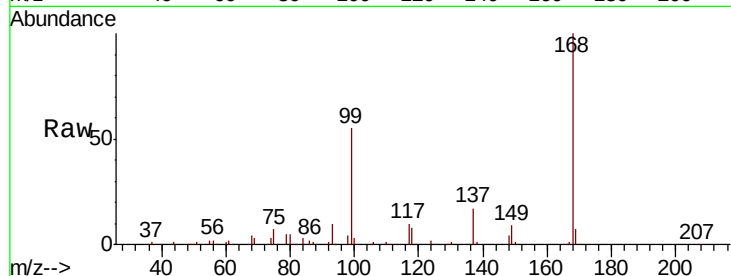
Tot Ion:117 Resp: 31922

Ion Ratio Lower Upper

117 100

119 4.5 77.0 115.4#

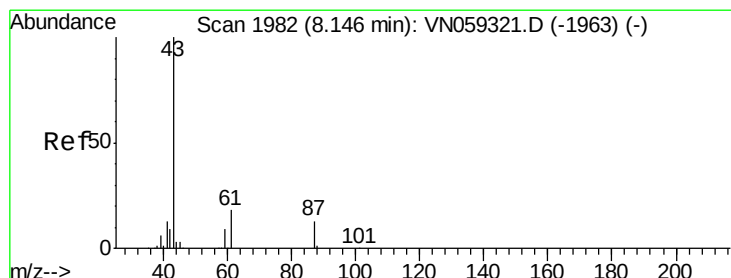
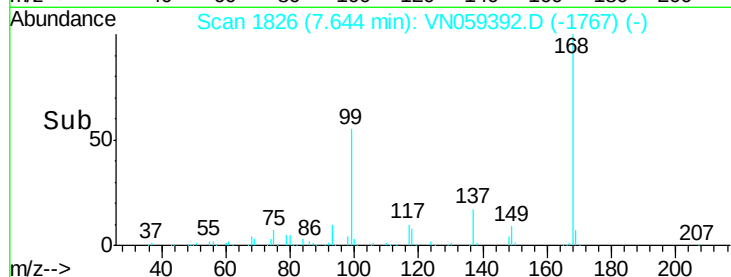
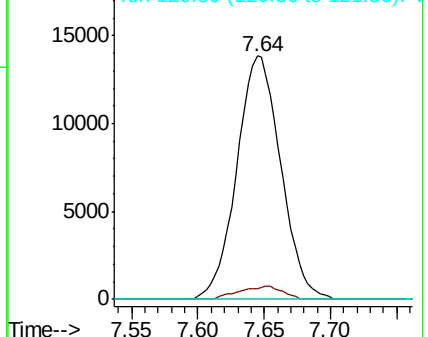
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 9.174 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059392.D

Acq: 25 Nov 2019 18:44

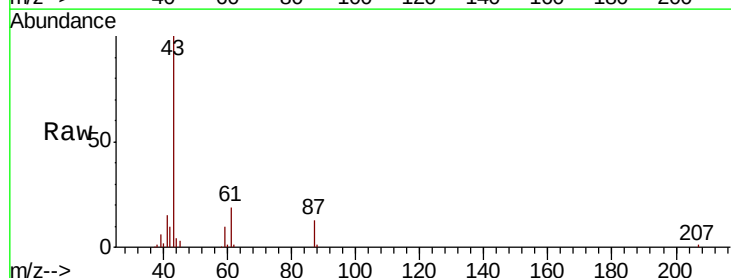
Tgt Ion: 43 Resp: 82508

Ion Ratio Lower Upper

43 100

61 20.0 21.7 32.5#

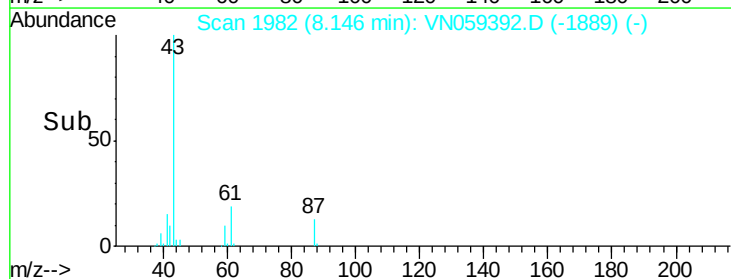
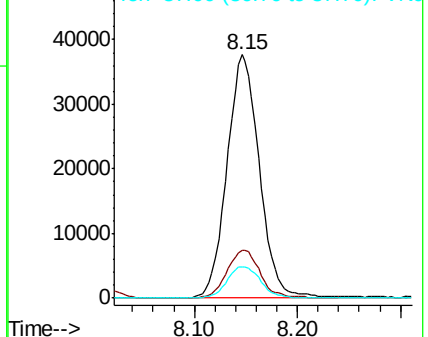
87 13.3 10.2 15.4

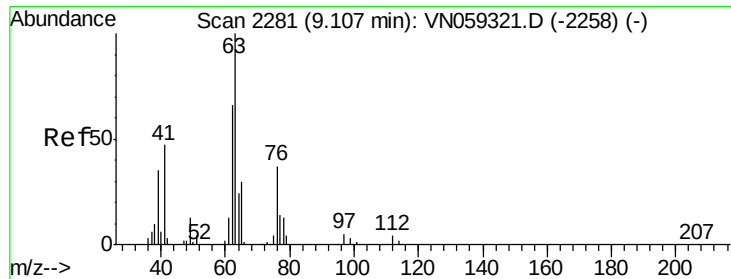


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.480 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.15 min

Lab File: VN059392.D

Acq: 25 Nov 2019 18:44

Instrument :

MSVOA_N

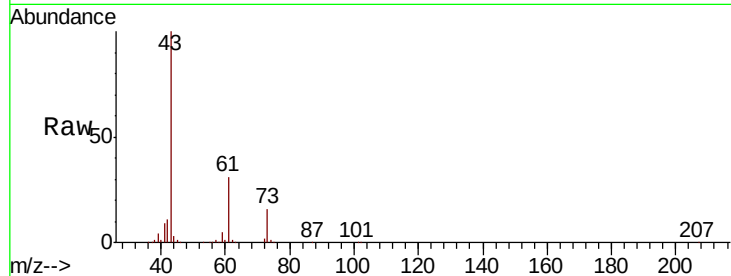
ClientSampled :

Tot Ion: 63 Resp: 2056

Ion Ratio Lower Upper

63 100

65 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

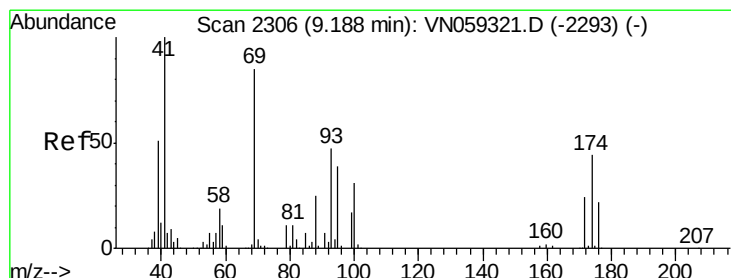
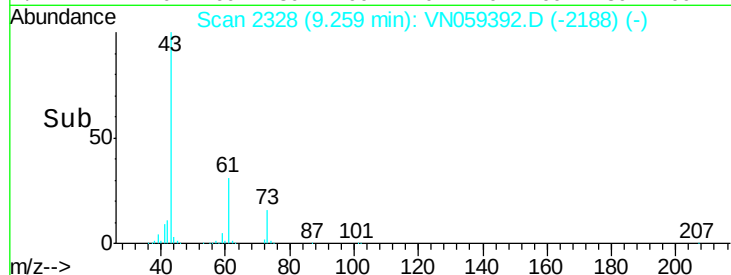
9.26

1000

500

0

Time--> 9.20 9.25 9.30



#48

Methyl methacrylate

Concen: 1.275 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.02 min

Lab File: VN059392.D

Acq: 25 Nov 2019 18:44

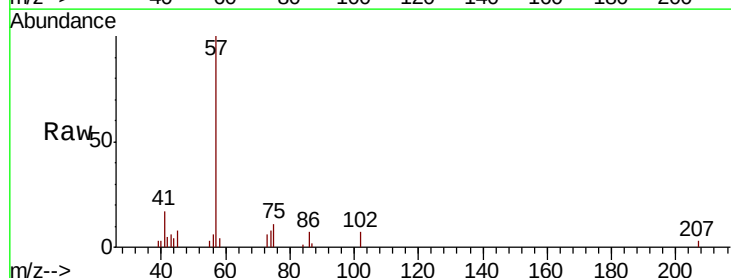
Tgt Ion: 41 Resp: 5214

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

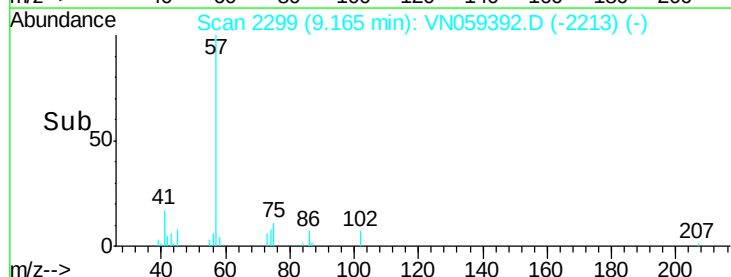
60000

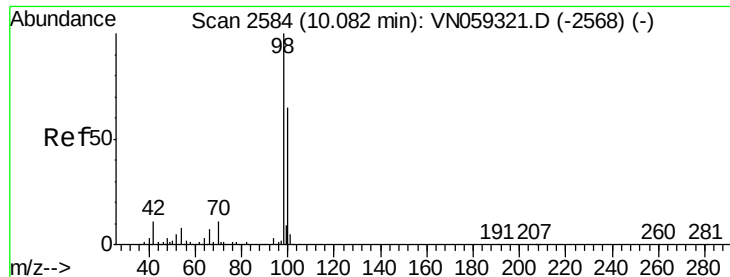
40000

20000

0

Time--> 9.10 9.15 9.20





#50

Toluene-d8

Concen: 51.037 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059392.D

Acq: 25 Nov 2019 18:44

Instrument :

MSVOA_N

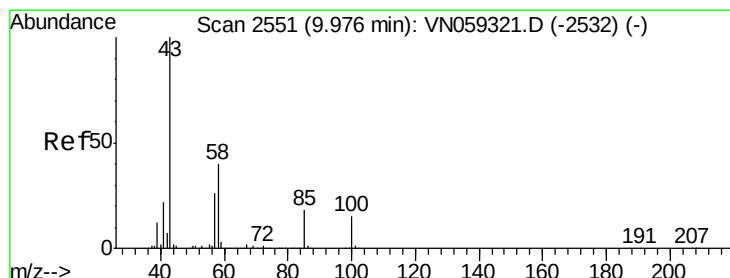
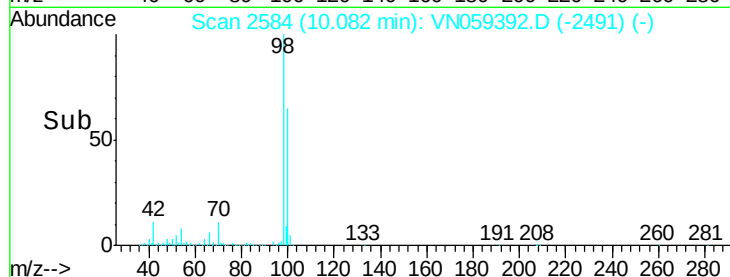
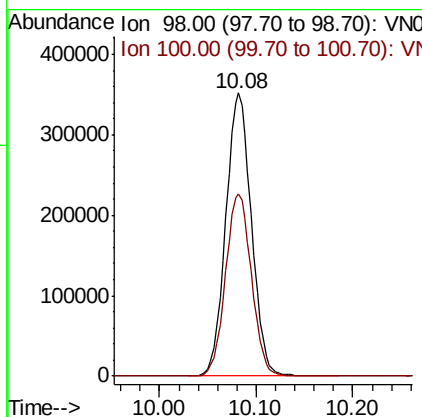
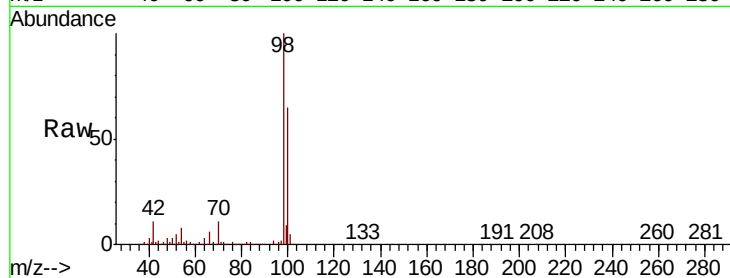
ClientSampleId :

Tot Ion: 98 Resp: 645673

Ion Ratio Lower Upper

98 100

100 65.2 51.7 77.5



#51

4-Methyl-2-Pentanone

Concen: 1.017 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059392.D

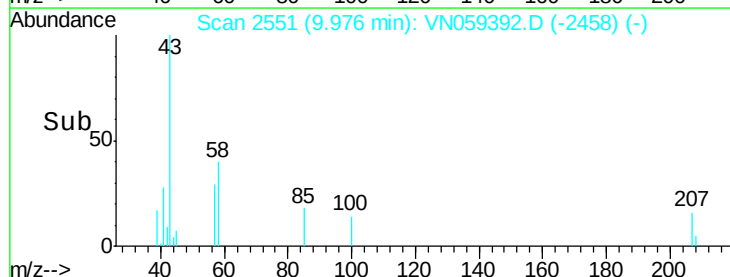
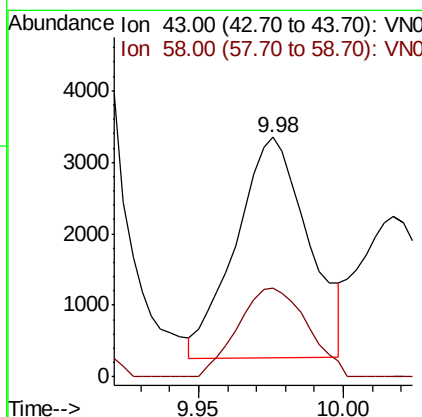
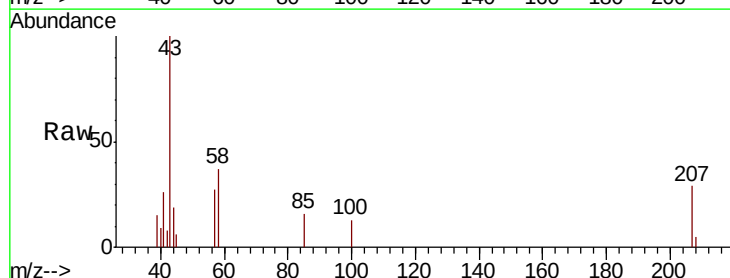
Acq: 25 Nov 2019 18:44

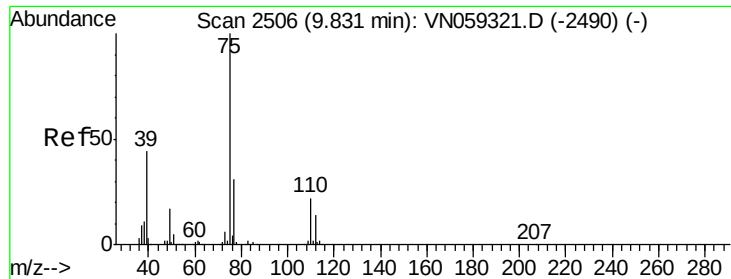
Tgt Ion: 43 Resp: 5355

Ion Ratio Lower Upper

43 100

58 38.7 31.8 47.8





#54

cis-1,3-Dichloropropene

Concen: 5.340 ug/l

RT: 9.90 min Scan# 2526

Delta R.T. 0.06 min

Lab File: VN059392.D

Acq: 25 Nov 2019 18:44

Instrument :
MSVOA_N
ClientSampled :

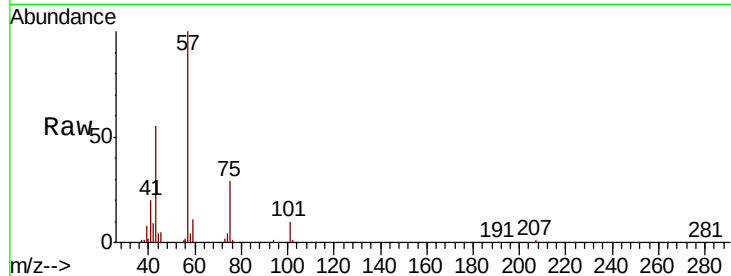
Tot Ion: 75 Resp: 35465

Ion Ratio Lower Upper

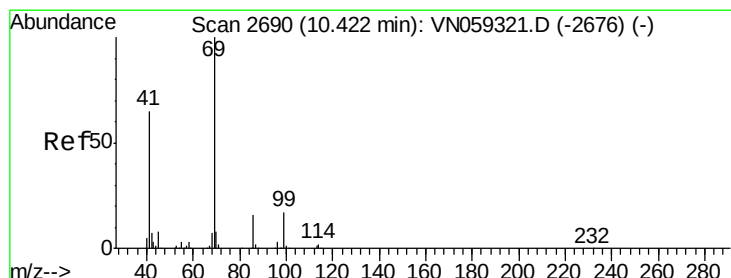
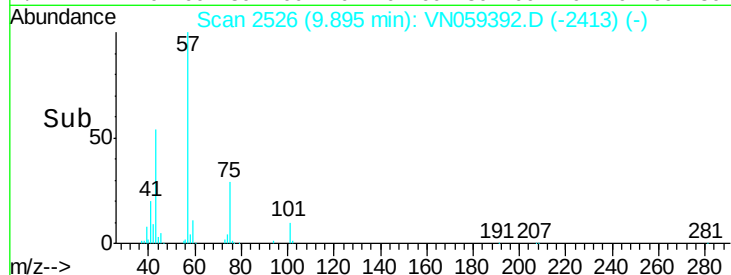
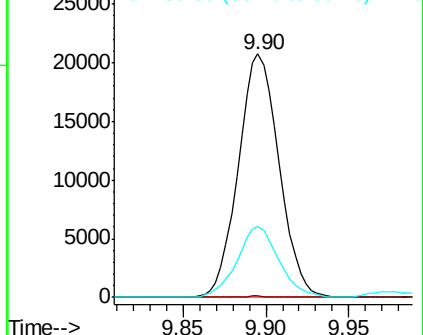
75 100

77 0.7 25.0 37.4#

39 29.3 35.5 53.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 76.90 (76.60 to 77.60): VN0
Ion 39.00 (38.70 to 39.70): VN0



#56

Ethyl methacrylate

Concen: 2.360 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.11 min

Lab File: VN059392.D

Acq: 25 Nov 2019 18:44

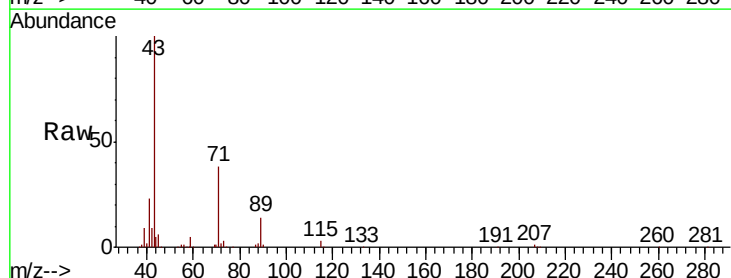
Tgt Ion: 69 Resp: 1113

Ion Ratio Lower Upper

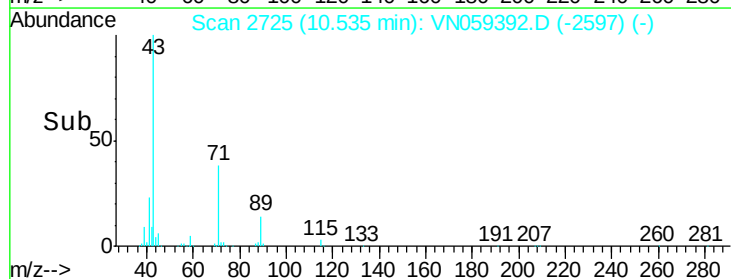
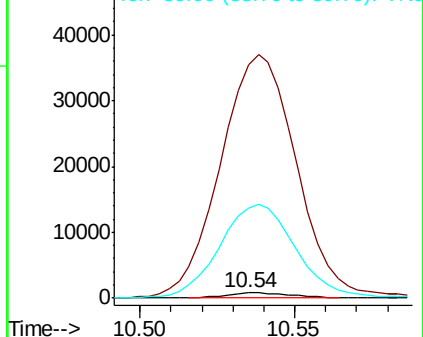
69 100

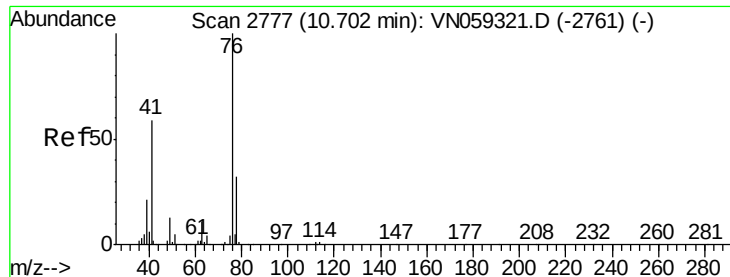
41 5749.9 51.7 77.5#

39 2197.3 25.2 37.8#



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

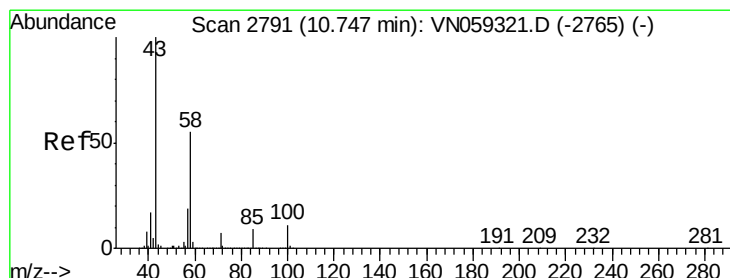
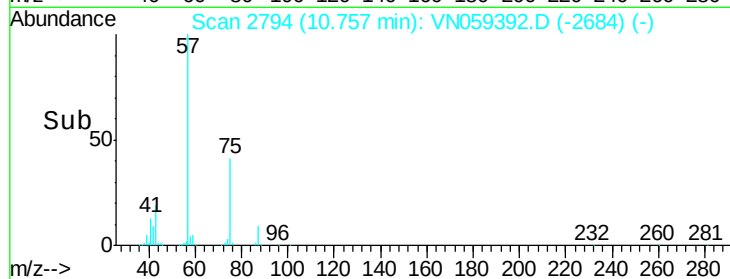
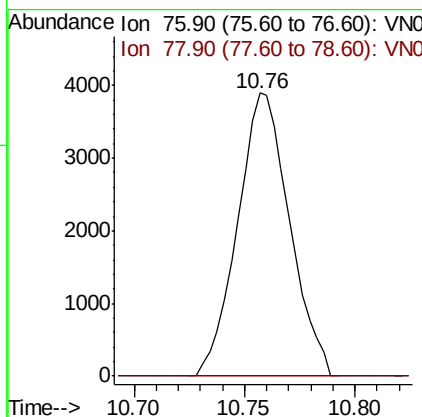
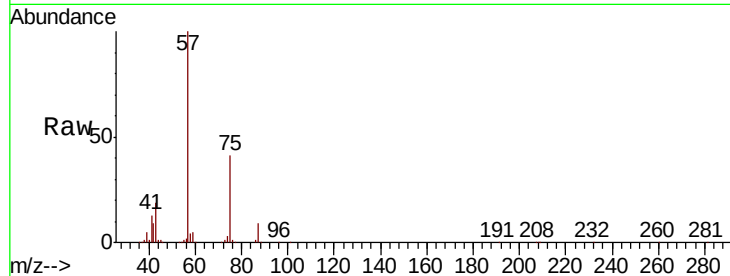




#57
 1,3-Dichloropropane
 Concen: 0.972 ug/l
 RT: 10.76 min Scan# 2794
 Delta R.T. 0.05 min
 Lab File: VN059392.D
 Acq: 25 Nov 2019 18:44

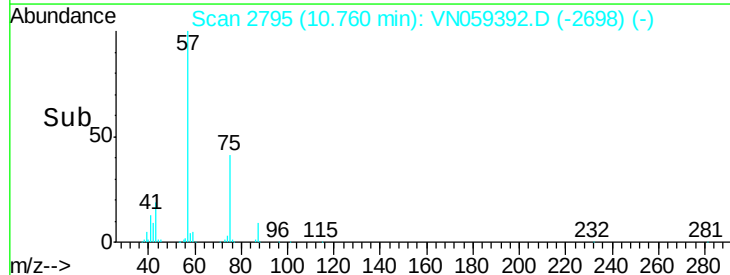
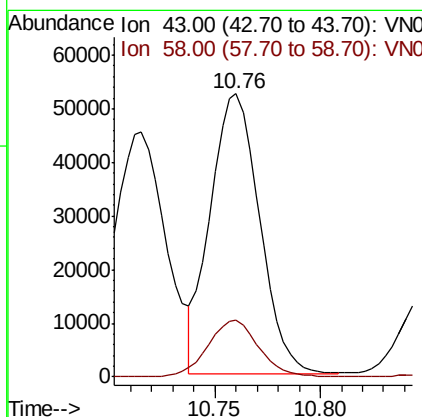
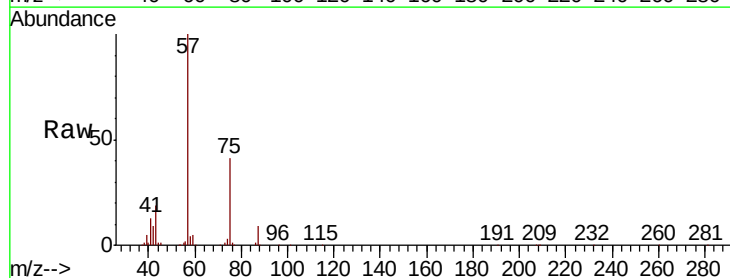
Instrument :
 MSVOA_N
 ClientSampleId :

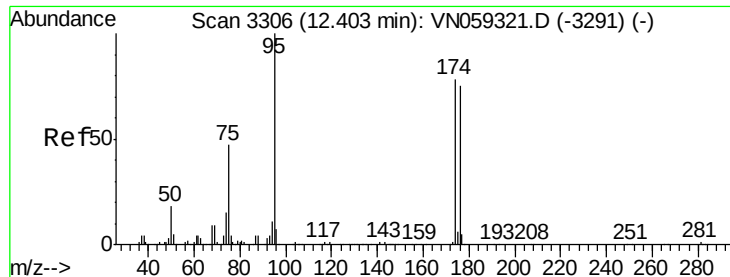
Tot Ion: 76 Resp: 6366
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#



#59
 2-Hexanone
 Concen: 22.135 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN059392.D
 Acq: 25 Nov 2019 18:44

Tgt Ion: 43 Resp: 85328
 Ion Ratio Lower Upper
 43 100
 58 20.8 27.7 83.0#

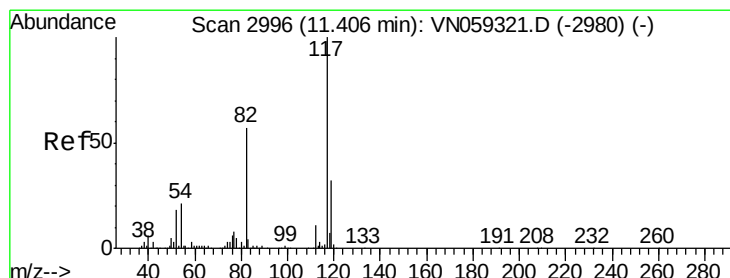
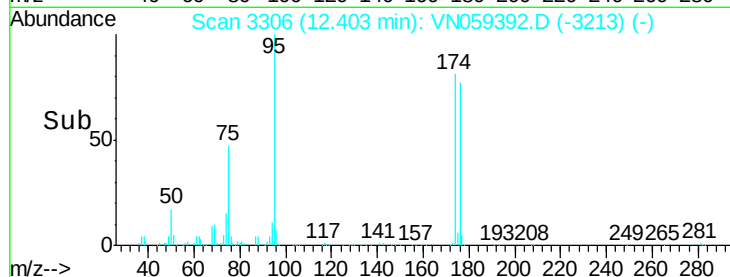
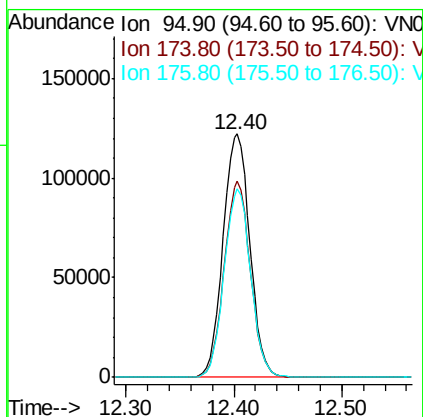
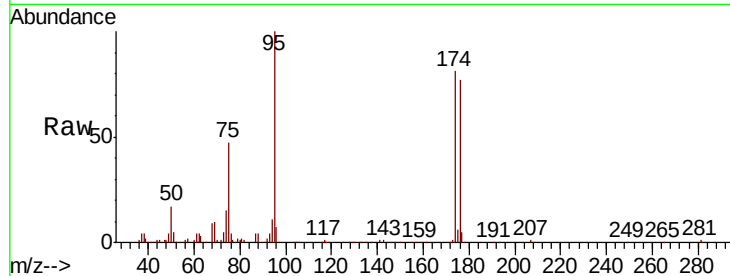




#62
4-Bromofluorobenzene
Concen: 47.818 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059392.D
Acq: 25 Nov 2019 18:44

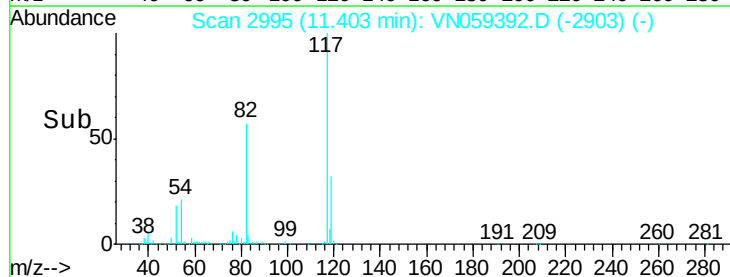
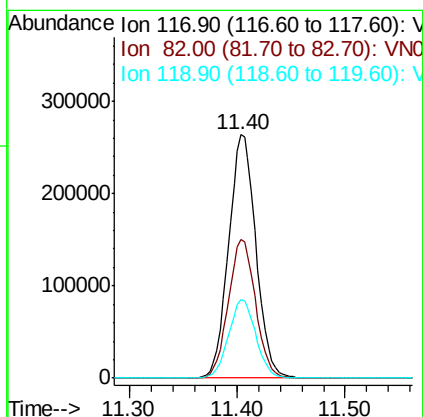
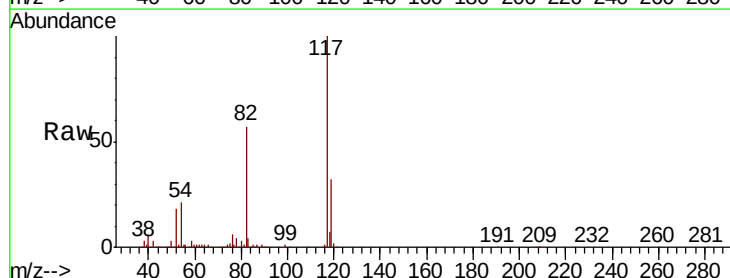
Instrument :
MSVOA_N
ClientSampleId :

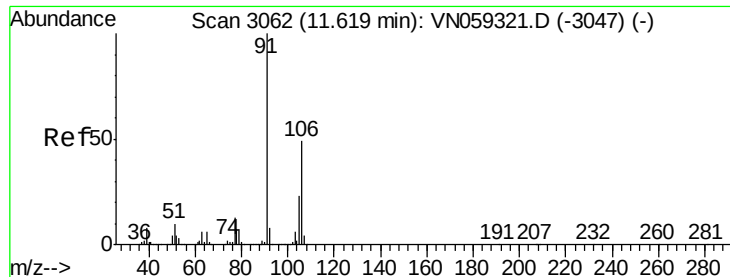
Tot Ion: 95 Resp: 211522
Ion Ratio Lower Upper
95 100
174 78.7 0.0 157.4
176 76.6 0.0 151.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059392.D
Acq: 25 Nov 2019 18:44

Tgt Ion: 117 Resp: 464942
Ion Ratio Lower Upper
117 100
82 56.9 45.7 68.5
119 32.4 25.8 38.6

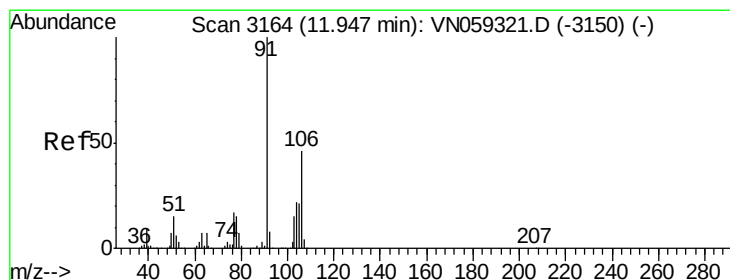
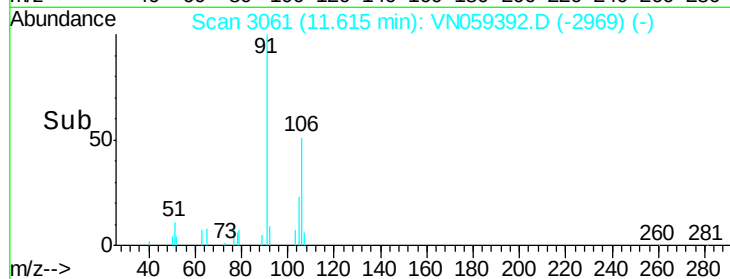
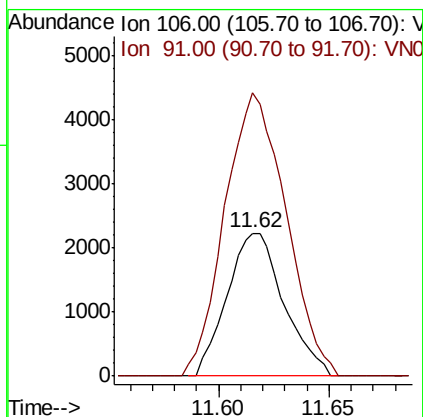
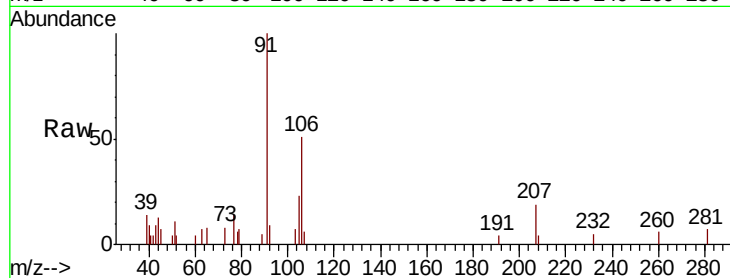




#68
m/p-Xylenes
Concen: 0.603 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN059392.D
Acq: 25 Nov 2019 18:44

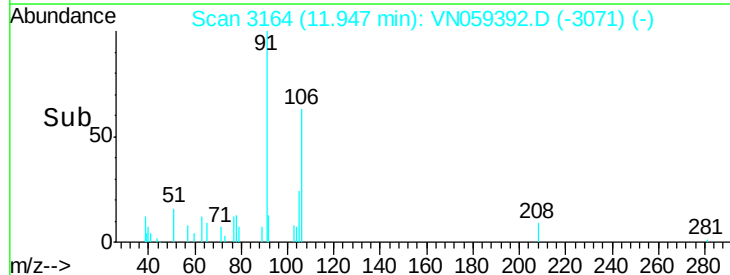
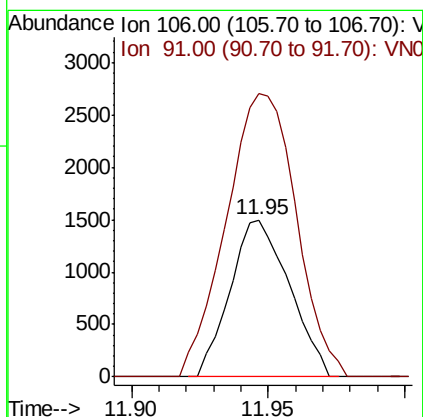
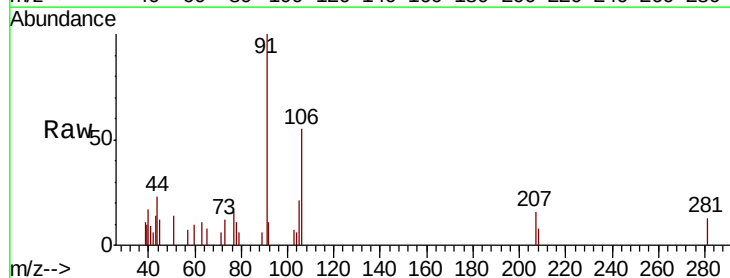
Instrument :
MSVOA_N
ClientSampled :

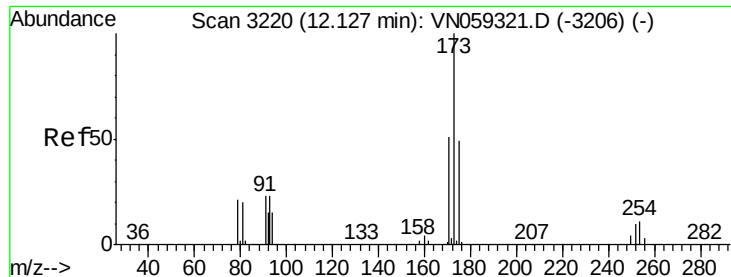
Tot Ion:106 Resp: 3998
Ion Ratio Lower Upper
106 100
91 212.9 163.2 244.8



#69
o-Xylene
Concen: 0.355 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059392.D
Acq: 25 Nov 2019 18:44

Tgt Ion:106 Resp: 2252
Ion Ratio Lower Upper
106 100
91 213.5 109.3 327.9





#71

Bromoform

Concen: 0.338 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN059392.D

Acq: 25 Nov 2019 18:44

Instrument :

MSVOA_N

ClientSampleId :

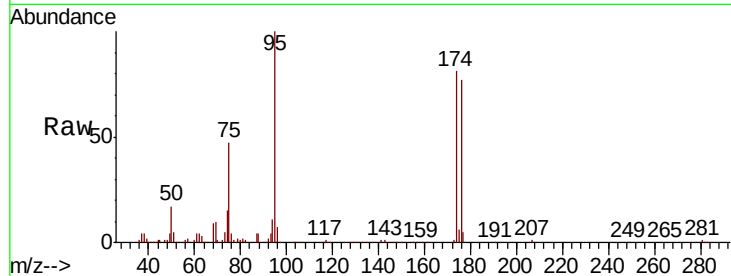
Tot Ion:173 Resp: 929

Ion Ratio Lower Upper

173 100

175 1082.0 24.6 73.6#

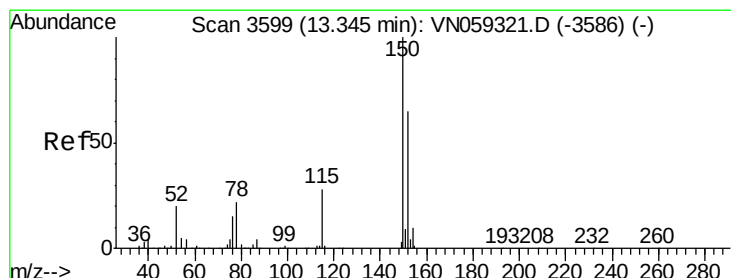
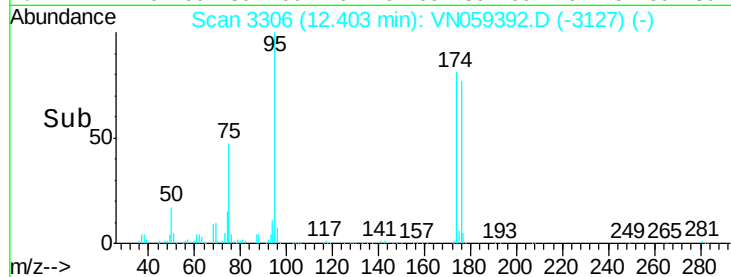
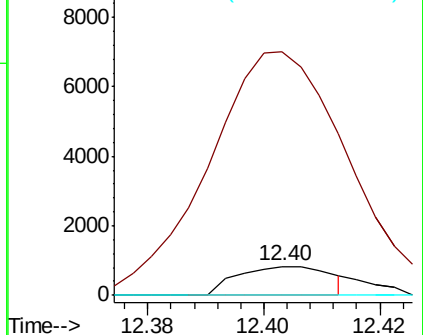
254 0.0 0.1 0.1#



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: VN059392.D

Acq: 25 Nov 2019 18:44

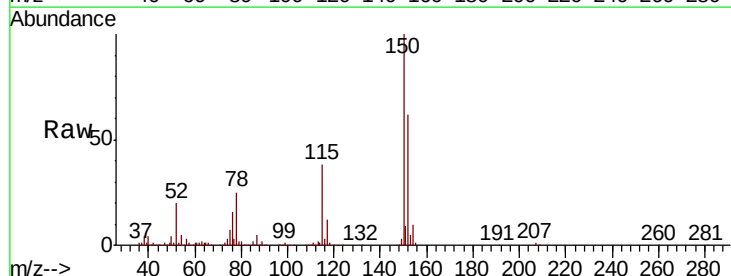
Tgt Ion:152 Resp: 177577

Ion Ratio Lower Upper

152 100

115 59.1 29.3 88.0

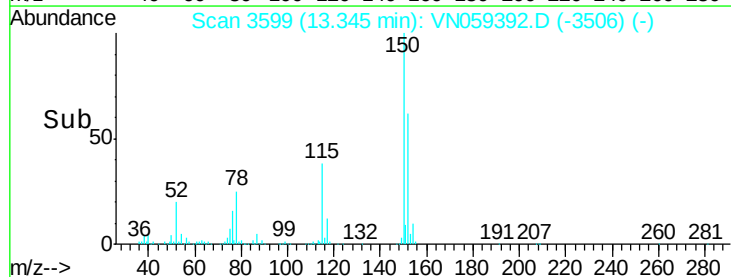
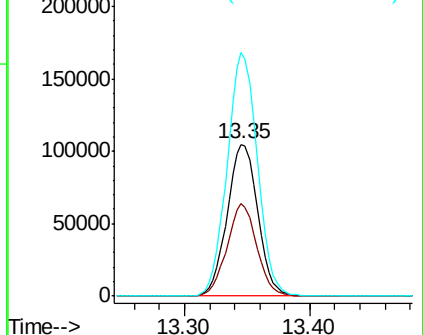
150 158.7 0.0 346.0

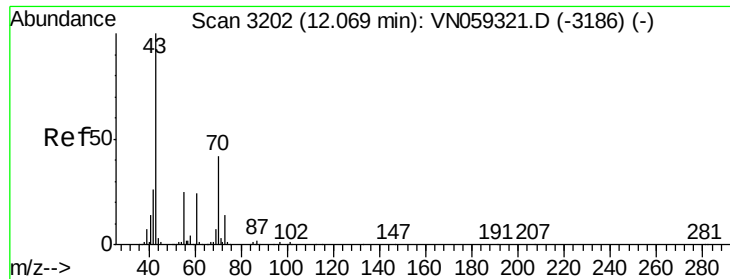


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.668 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN059392.D

Acq: 25 Nov 2019 18:44

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 3905

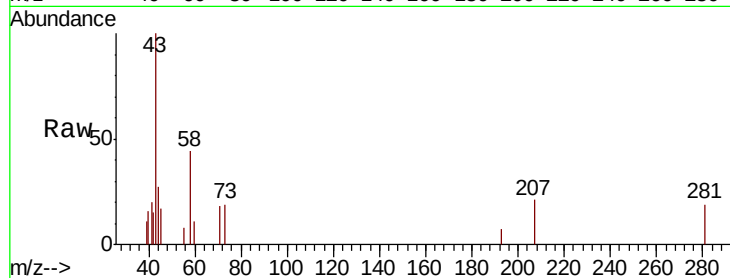
Ion Ratio Lower Upper

43 100

70 0.0 33.8 50.6#

55 2.6 20.3 30.5#

61 0.0 19.9 29.9#

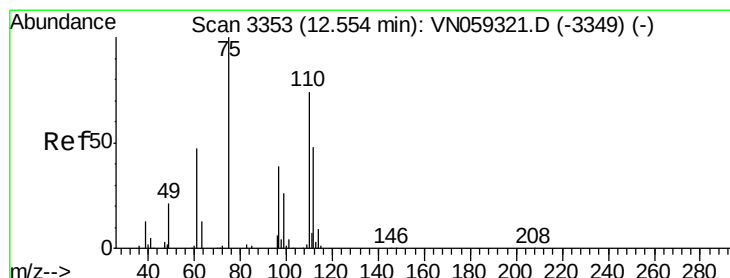
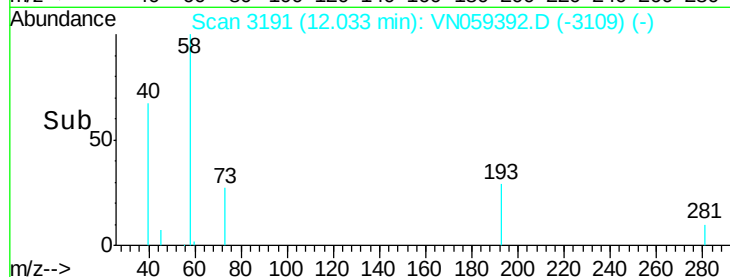
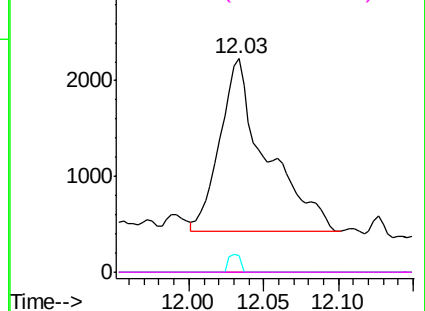


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 24.543 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059392.D

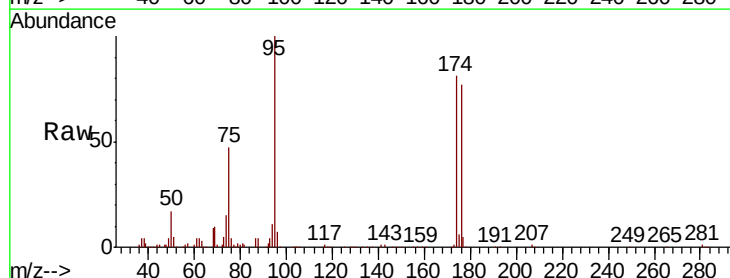
Acq: 25 Nov 2019 18:44

Tgt Ion: 75 Resp: 100689

Ion Ratio Lower Upper

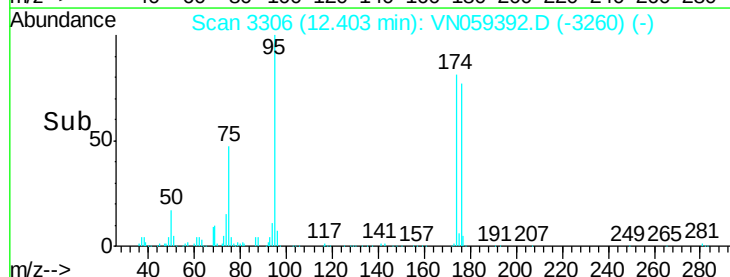
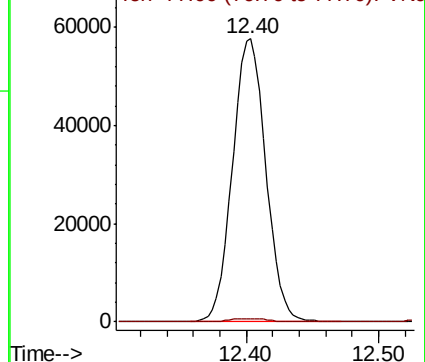
75 100

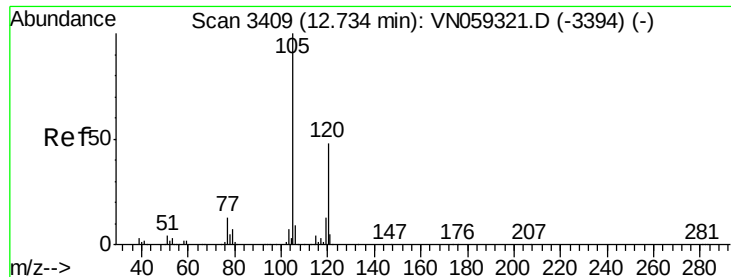
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#80

1,3,5-Trimethylbenzene

Concen: 0.648 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059392.D

Acq: 25 Nov 2019 18:44

Instrument :

MSVOA_N

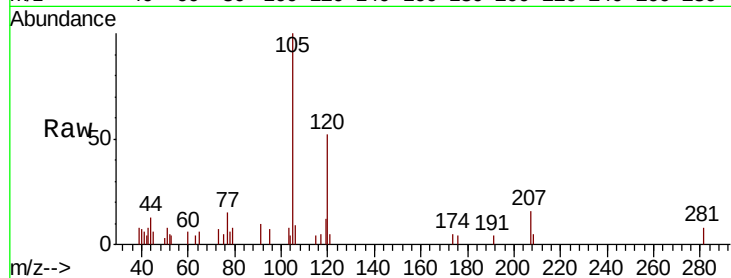
ClientSampleId :

Tot Ion:105 Resp: 7922

Ion Ratio Lower Upper

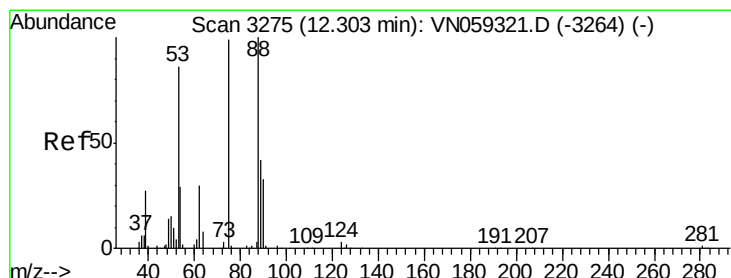
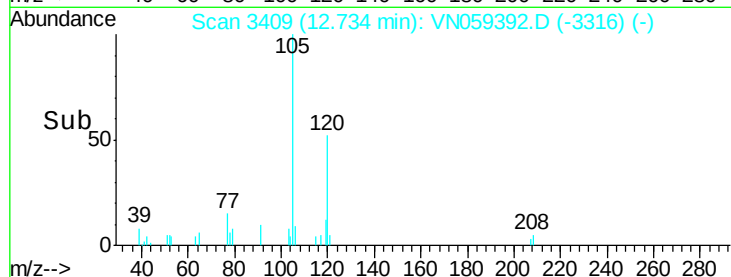
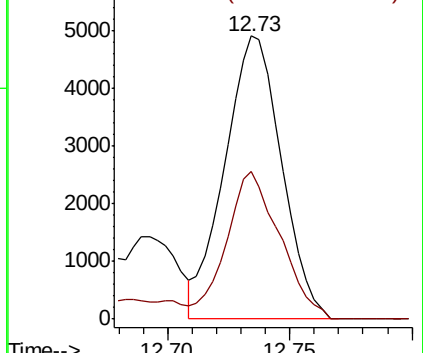
105 100

120 49.2 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: 61.387 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN059392.D

Acq: 25 Nov 2019 18:44

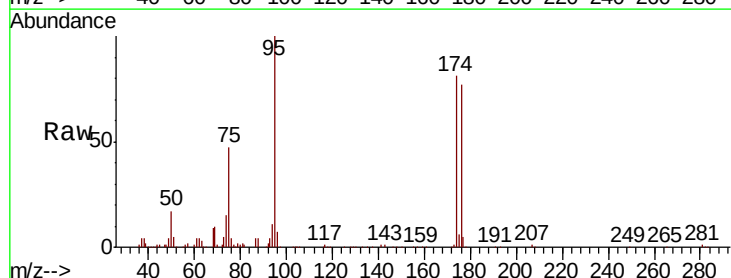
Tgt Ion: 75 Resp: 100689

Ion Ratio Lower Upper

75 100

53 0.0 70.7 106.1#

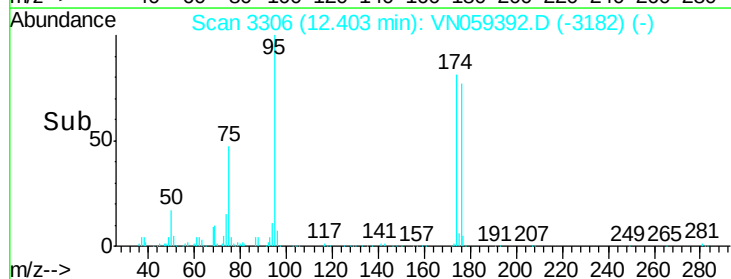
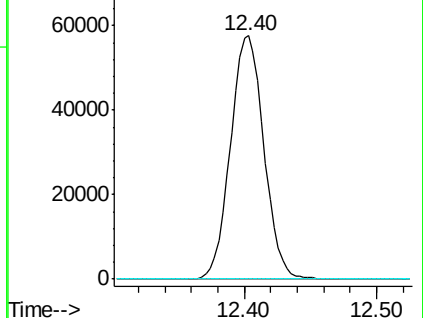
89 0.0 35.4 53.0#

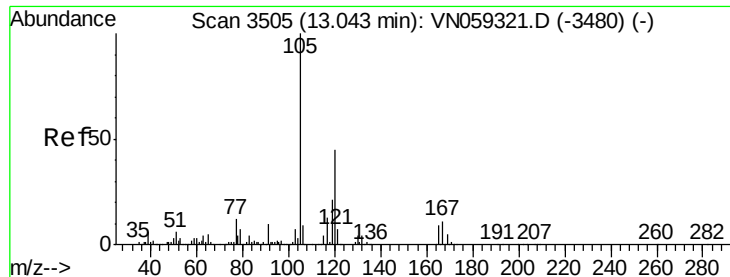


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 1.139 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN059392.D

Acq: 25 Nov 2019 18:44

Instrument :

MSVOA_N

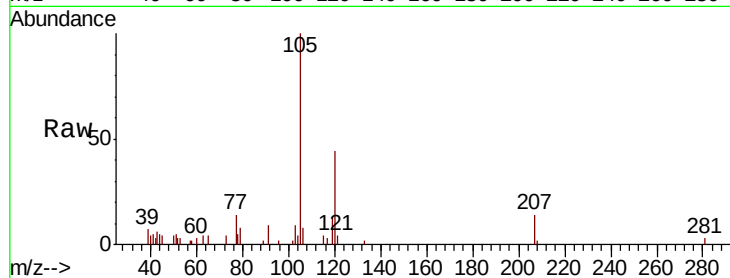
ClientSampled :

Tot Ion:105 Resp: 13642

Ion Ratio Lower Upper

105 100

120 45.4 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04

8000

6000

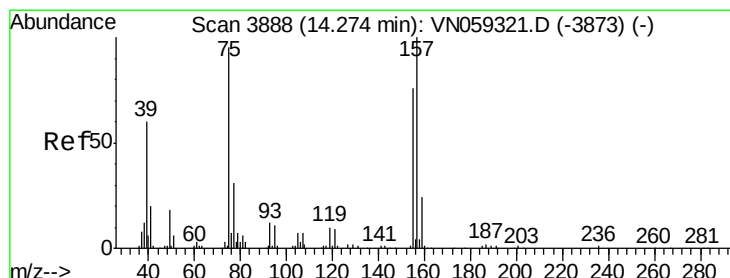
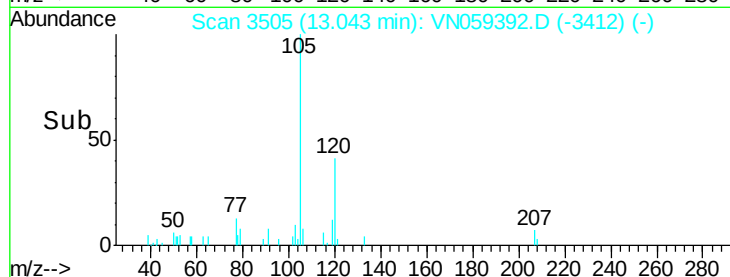
4000

2000

0

Time-->

13.00 13.05 13.10



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.391 ug/l

RT: 14.29 min Scan# 3892

Delta R.T. 0.01 min

Lab File: VN059392.D

Acq: 25 Nov 2019 18:44

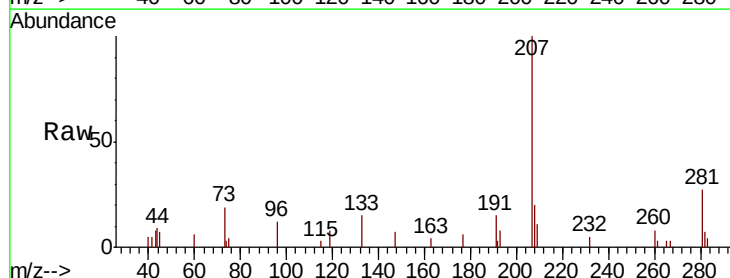
Tgt Ion: 75 Resp: 400

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): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

14.29

300

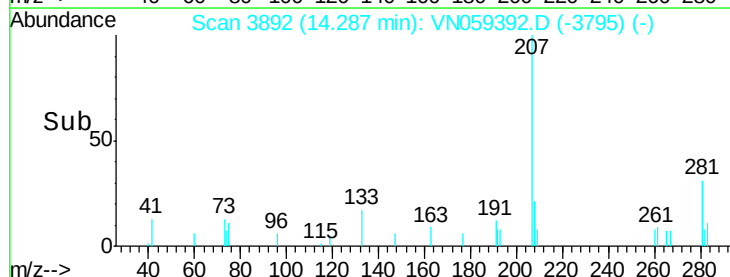
200

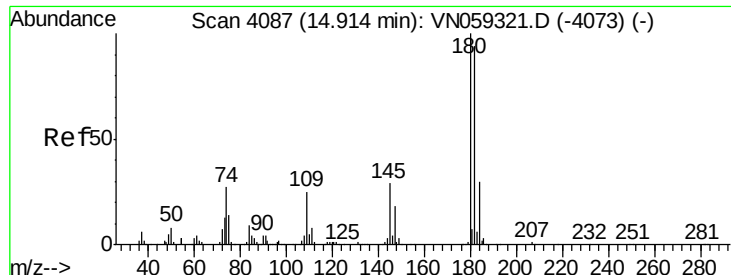
100

0

Time-->

14.26 14.28 14.30 14.32

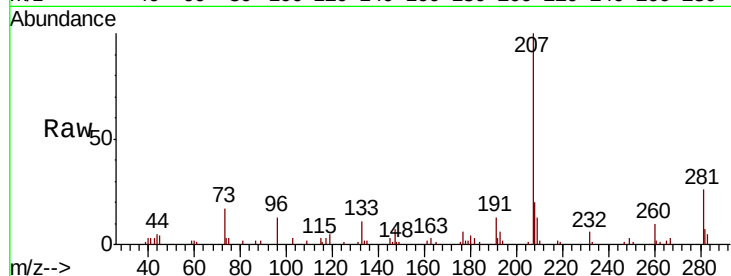




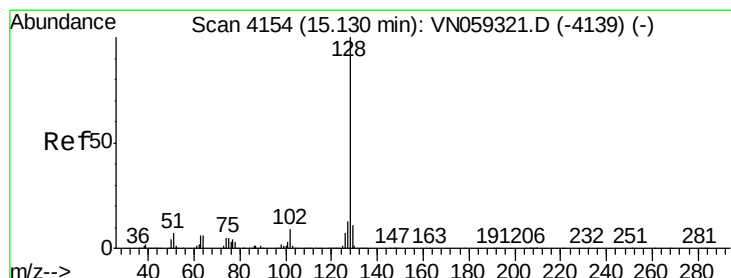
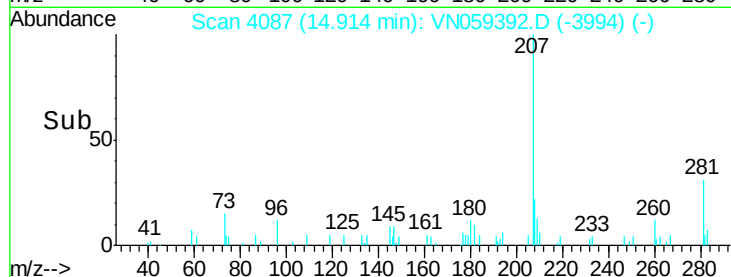
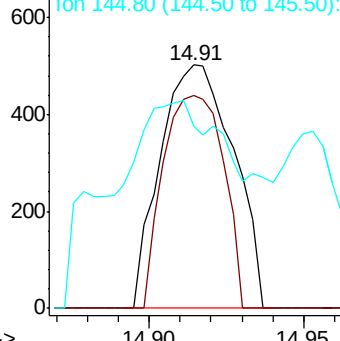
#93
 1,2,4-Trichlorobenzene
 Concen: 3.144 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059392.D
 Acq: 25 Nov 2019 18:44

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 825
 Ion Ratio Lower Upper
 180 100
 182 72.1 47.2 141.6
 145 148.1 14.9 44.5#

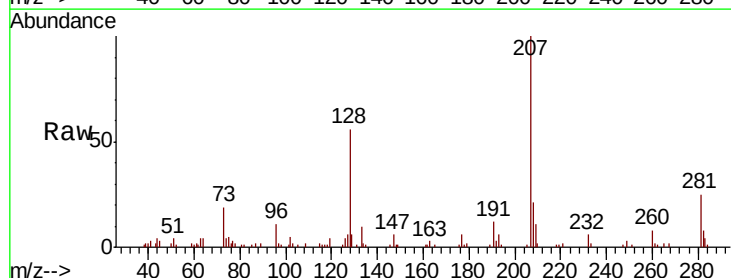


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

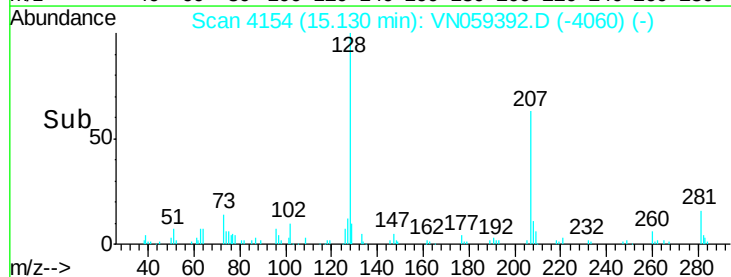
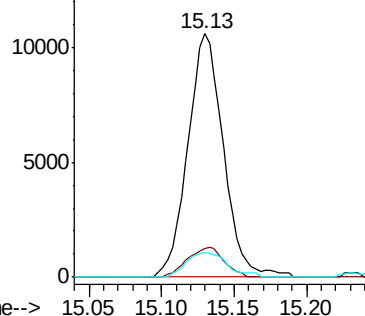


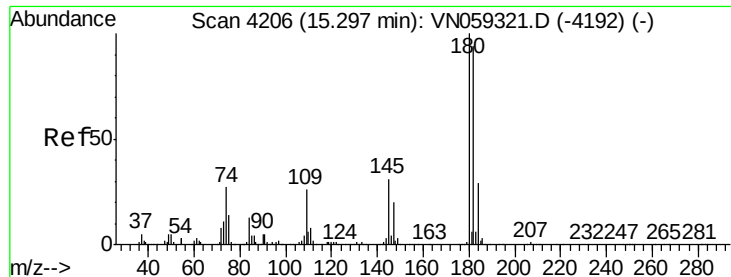
#95
 Naphthalene
 Concen: 4.785 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN059392.D
 Acq: 25 Nov 2019 18:44

Tgt Ion:128 Resp: 18071
 Ion Ratio Lower Upper
 128 100
 127 12.5 10.2 15.2
 129 11.4 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 2.224 ug/l
 RT: 15.30 min Scan# 4207
 Delta R.T. 0.00 min
 Lab File: VN059392.D
 Acq: 25 Nov 2019 18:44

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	77.8	47.1	141.4
145	0.0	15.6	46.8#

