

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032819\
 Data File : VN054751.D
 Acq On : 28 Mar 2019 18:10
 Operator : JC/SP
 Sample : K2093-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30091-30097-4

Quant Time: Mar 29 05:05:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	540372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	874940	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	754429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	303181	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	349559	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
35) Dibromofluoromethane	7.59	113	278422	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	10.09	98	1055755	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
62) 4-Bromofluorobenzene	12.40	95	346163	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	

Target Compounds

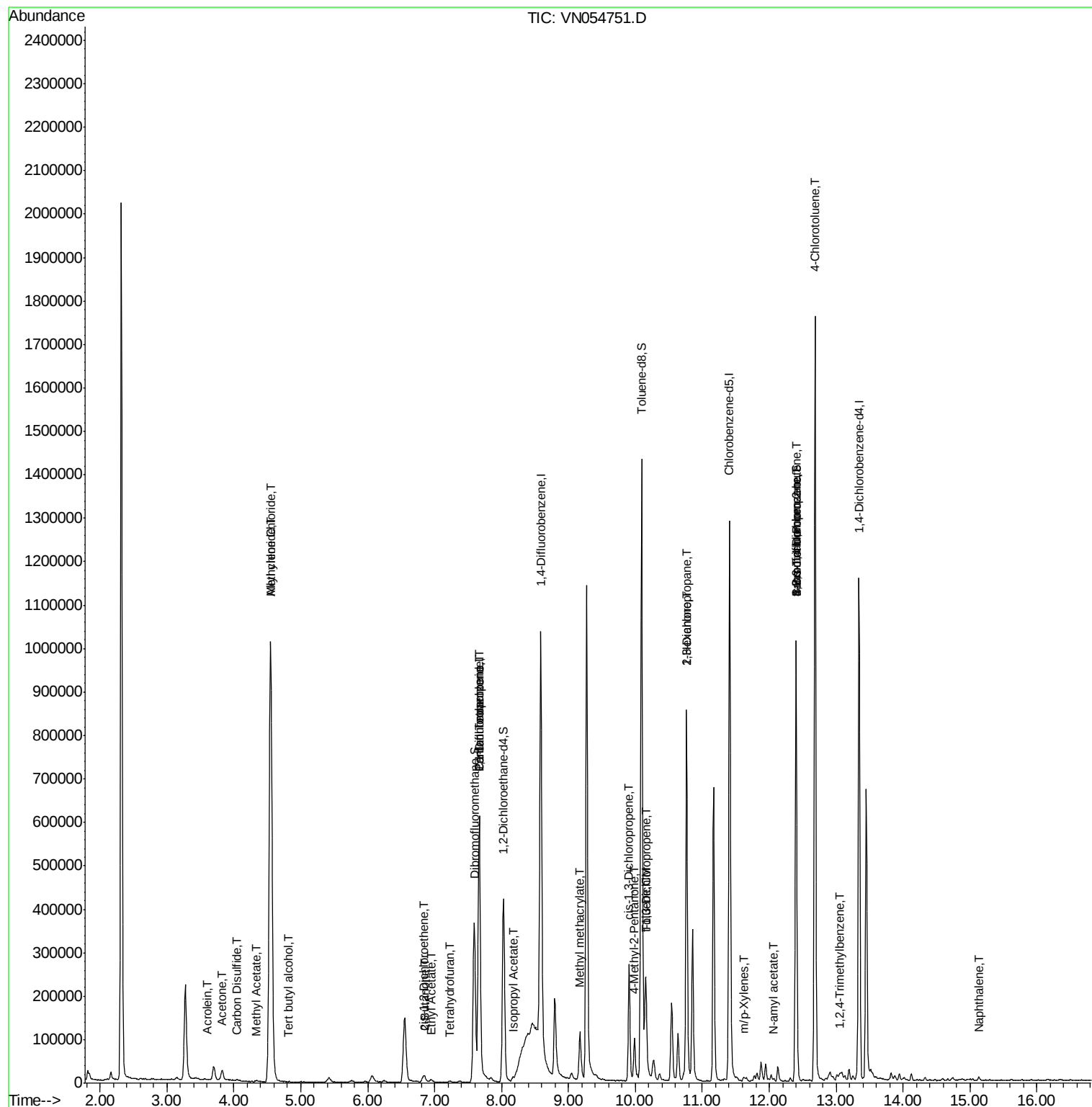
						Qvalue
11) Tert butyl alcohol	4.80	59	164	0.403	ug/l #	70
13) Acrolein	3.61	56	1035	1.843	ug/l #	24
14) Allyl chloride	4.55	41	32520	3.313	ug/l #	21
16) Acetone	3.82	43	36251	17.939	ug/l	90
17) Carbon Disulfide	4.04	76	6181	0.443	ug/l #	74
18) Methyl Acetate	4.34	43	6589	1.463	ug/l #	66
20) Methylene Chloride	4.55	84	707669	118.799	ug/l #	80
25) 2-Butanone	6.85	43	12686	4.901	ug/l	93
27) cis-1,2-Dichloroethene	6.83	96	3952	0.623	ug/l	39
29) Tetrahydrofuran	7.22	42	981	0.584	ug/l #	54
31) Cyclohexane	7.67	56	11201	Below Cal	#	23
36) 1,1-Dichloropropene	7.66	75	40789	4.986	ug/l #	47
37) Ethyl Acetate	6.94	43	10055	1.728	ug/l #	82
38) Carbon Tetrachloride	7.67	117	49104	6.177	ug/l #	16
43) Isopropyl Acetate	8.17	43	12394	1.261	ug/l	94
48) Methyl methacrylate	9.17	41	36944	6.927	ug/l #	33
51) 4-Methyl-2-Pentanone	9.99	43	83977	15.420	ug/l #	83
52) Toluene	10.16	92	91793	6.380	ug/l	98
53) t-1,3-Dichloropropene	10.15	75	827	2.328	ug/l #	1
54) cis-1,3-Dichloropropene	9.90	75	46317	5.194	ug/l #	67
57) 1,3-Dichloropropane	10.76	76	8816	0.981	ug/l #	43
59) 2-Hexanone	10.76	43	143466	40.331	ug/l #	48
68) m/p-Xylenes	11.61	106	2713	0.264	ug/l	93
71) Bromoform	12.39	173	705	2.398	ug/l #	28
74) N-amyl acetate	12.07	43	1904	0.271	ug/l #	88
76) 1,2,3-Trichloropropane	12.40	75	177081	36.807	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	177081	122.011	ug/l #	11
82) 4-Chlorotoluene	12.69	91	3289	0.205	ug/l	76
84) 1,2,4-Trimethylbenzene	13.05	105	6455	0.329	ug/l	82
95) Naphthalene	15.13	128	6696	0.619	ug/l #	85

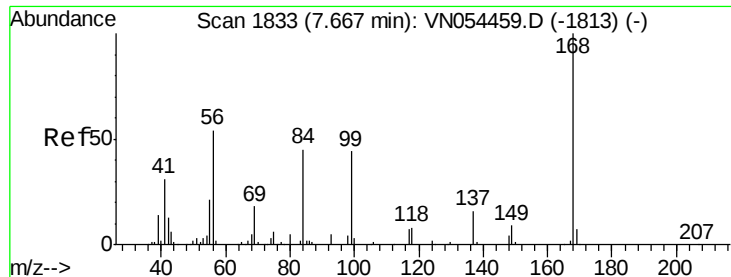
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032819\
Data File : VN054751.D
Acq On : 28 Mar 2019 18:10
Operator : JC/SP
Sample : K2093-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
30091-30097-4

Quant Time: Mar 29 05:05:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054751.D

Acq: 28 Mar 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

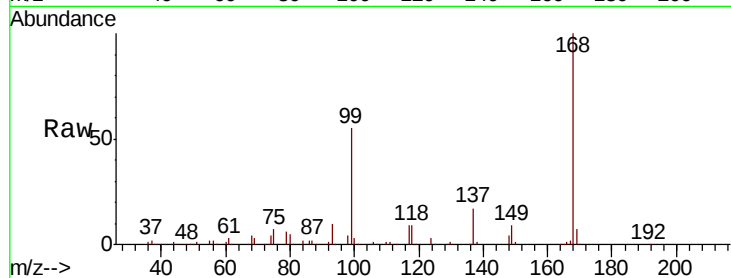
30091-30097-4

Tot Ion:168 Resp: 540372

Ion Ratio Lower Upper

168 100

99 54.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

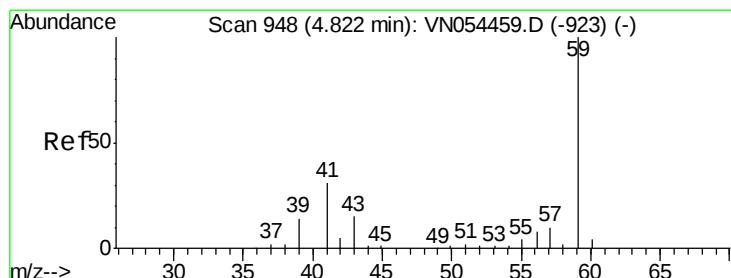
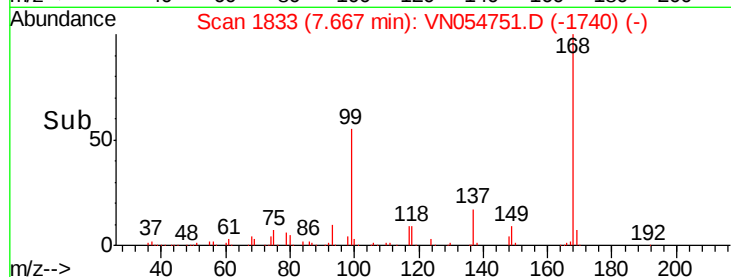
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.403 ug/l

RT: 4.80 min Scan# 942

Delta R.T. -0.02 min

Lab File: VN054751.D

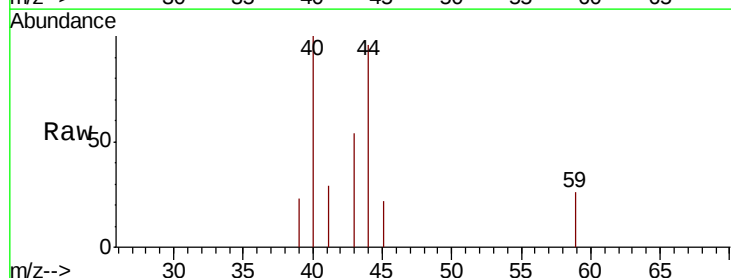
Acq: 28 Mar 2019 18:10

Tgt Ion: 59 Resp: 164

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.80

200

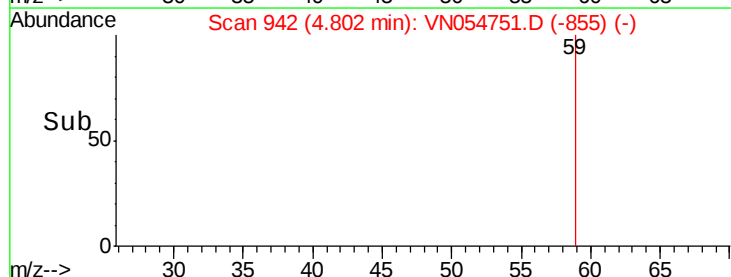
150

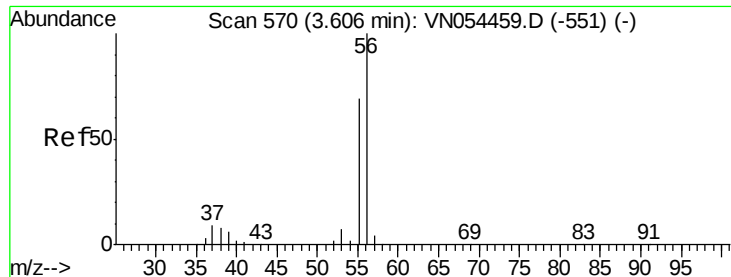
100

50

0

Time-->





#13

Acrolein

Concen: 1.843 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN054751.D

Acq: 28 Mar 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

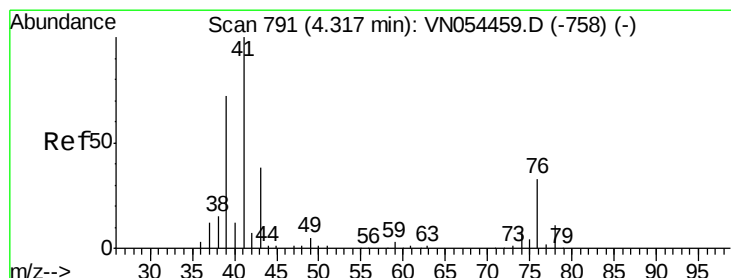
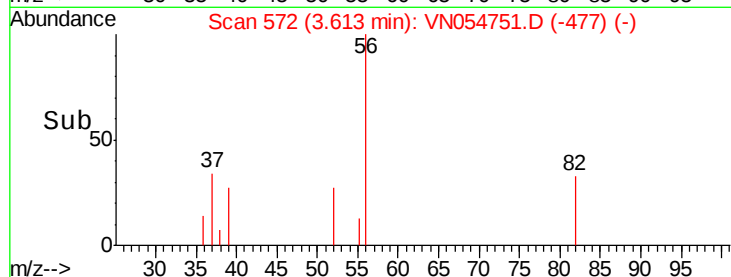
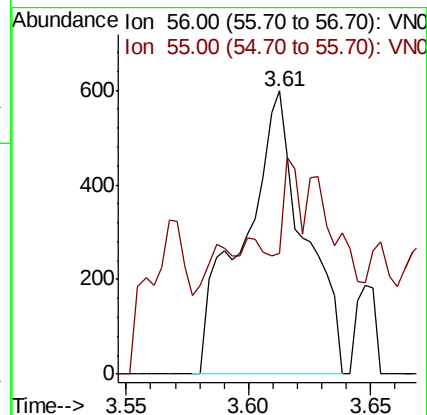
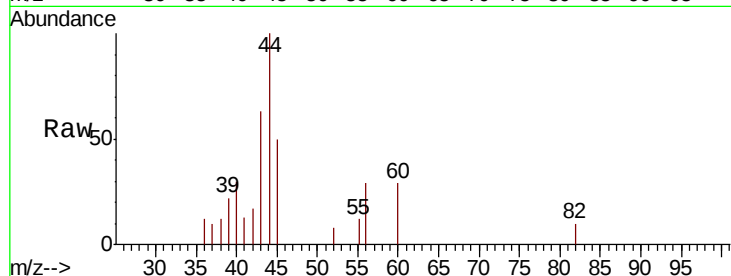
30091-30097-4

Tot Ion: 56 Resp: 1035

Ion Ratio Lower Upper

56 100

55 8.4 56.7 85.1#



#14

Allyl chloride

Concen: 3.313 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.23 min

Lab File: VN054751.D

Acq: 28 Mar 2019 18:10

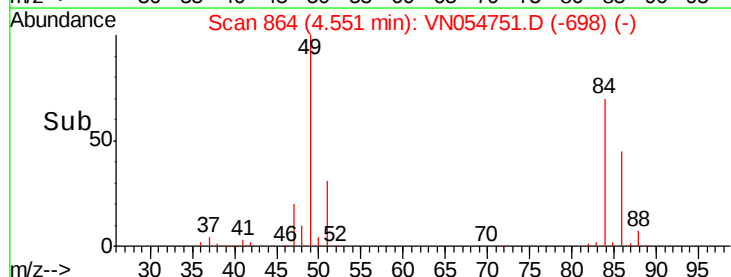
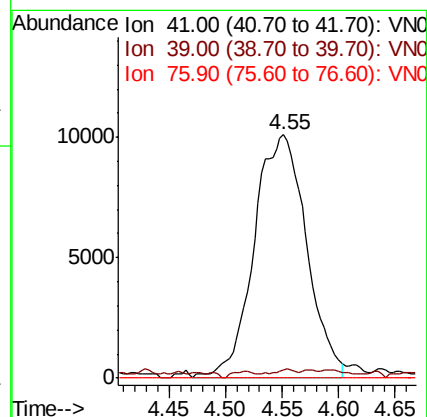
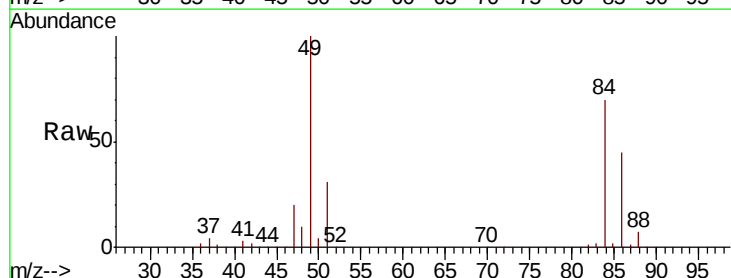
Tgt Ion: 41 Resp: 32520

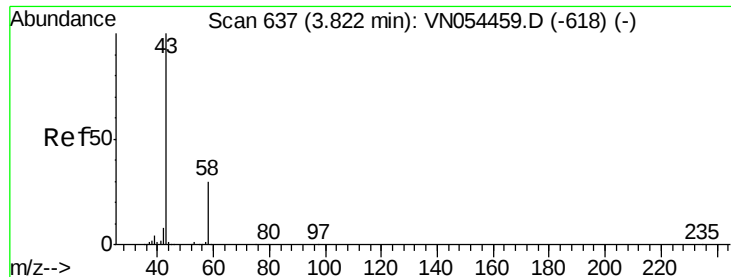
Ion Ratio Lower Upper

41 100

39 0.4 58.2 87.4#

76 0.0 31.7 47.5#





#16

Acetone

Concen: 17.939 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054751.D

Acq: 28 Mar 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

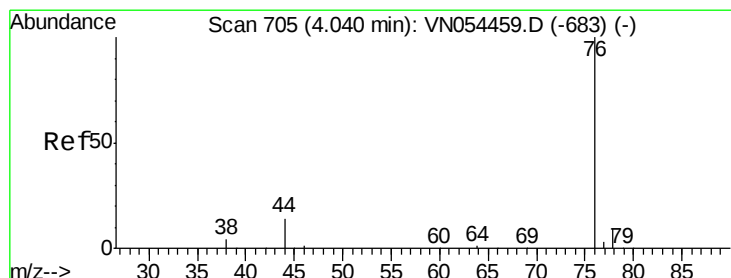
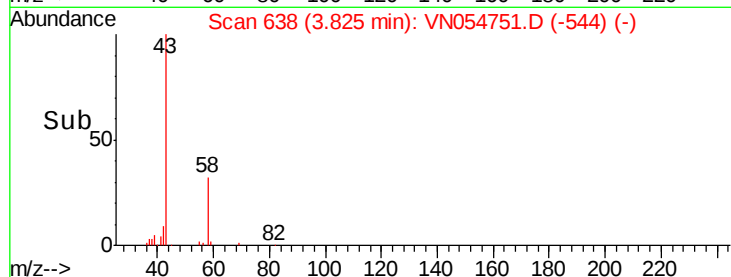
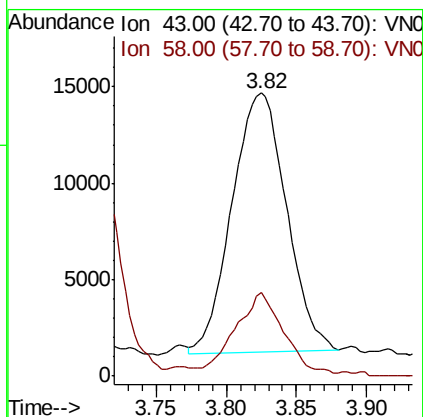
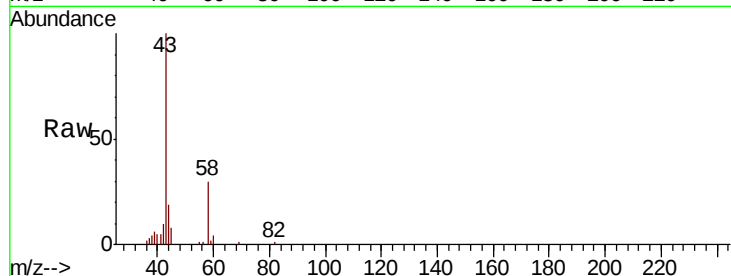
30091-30097-4

Tot Ion: 43 Resp: 36251

Ion Ratio Lower Upper

43 100

58 31.3 29.9 44.9



#17

Carbon Disulfide

Concen: 0.443 ug/l

RT: 4.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN054751.D

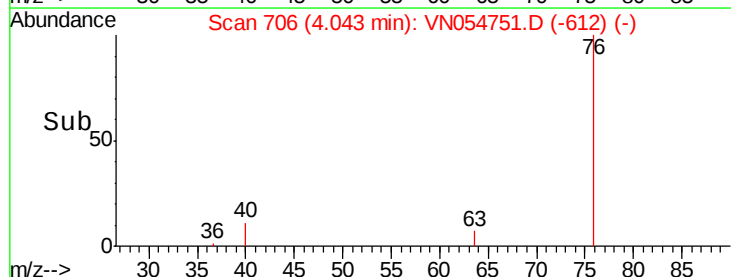
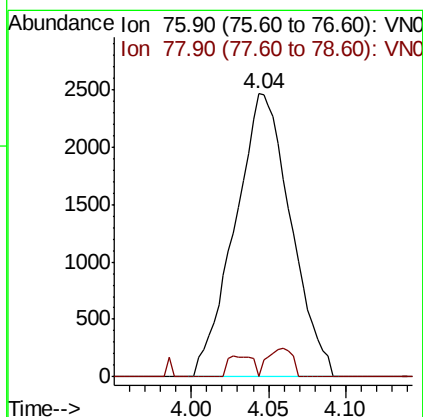
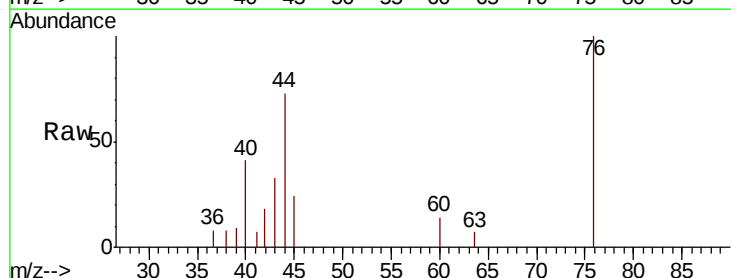
Acq: 28 Mar 2019 18:10

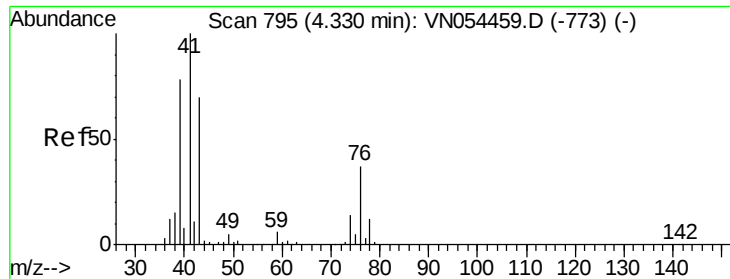
Tgt Ion: 76 Resp: 6181

Ion Ratio Lower Upper

76 100

78 0.0 7.5 11.3#

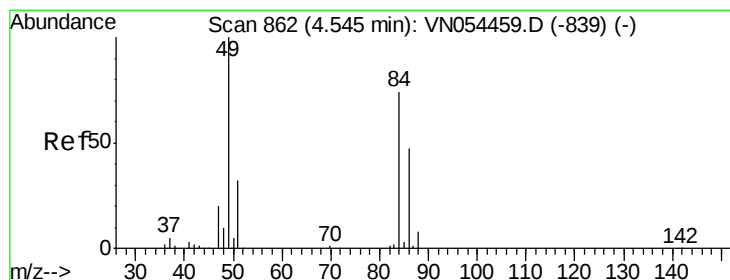
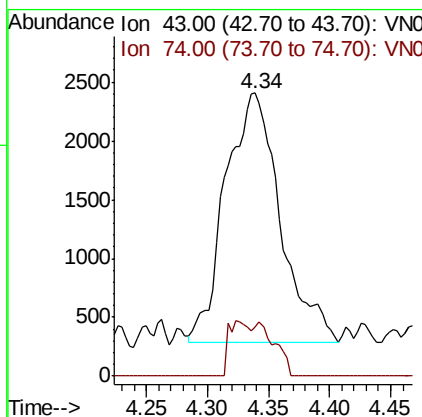
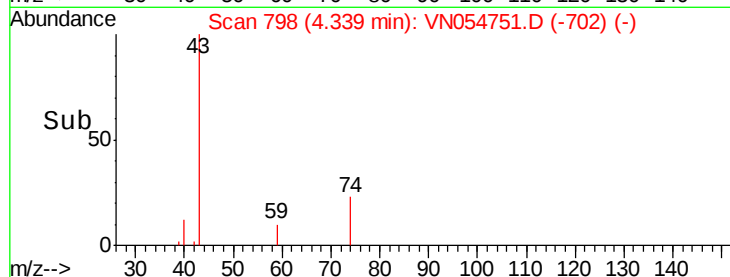
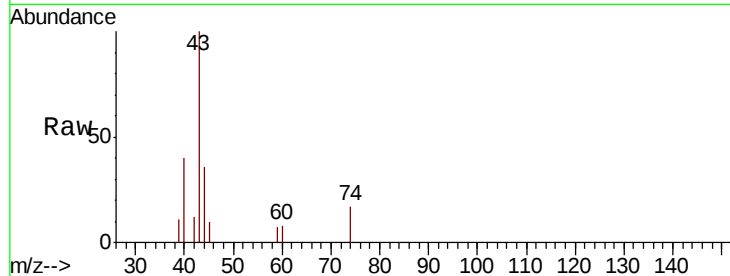




#18
Methyl Acetate
Concen: 1.463 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN054751.D
Acq: 28 Mar 2019 18:10

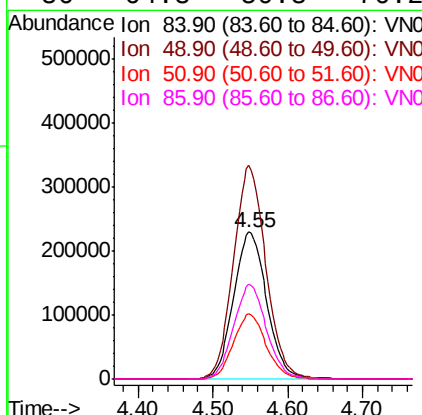
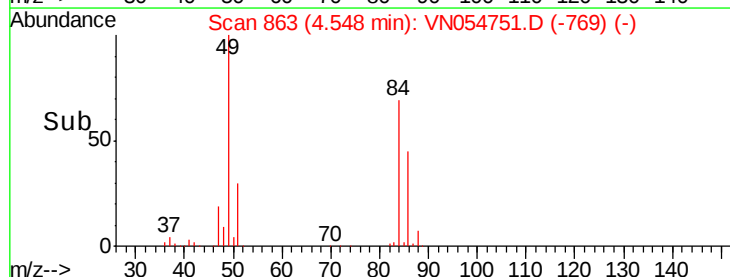
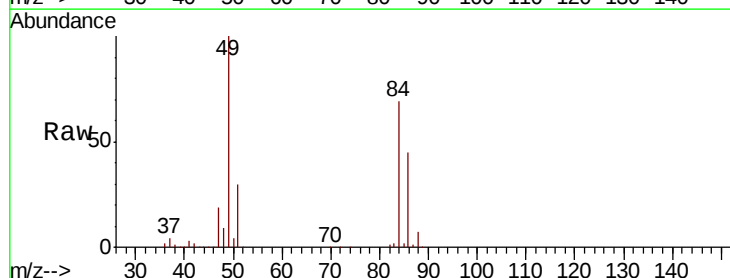
Instrument :
MSVOA_N
ClientSampled :
30091-30097-4

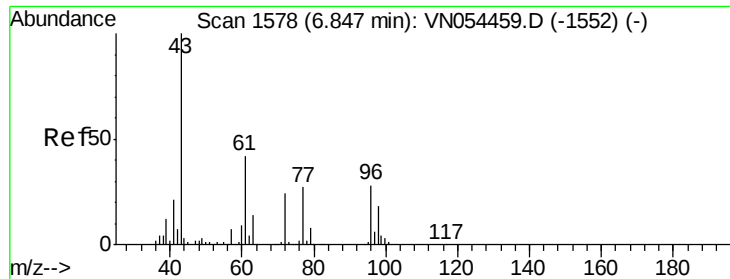
Tot Ion: 43 Resp: 6589
Ion Ratio Lower Upper
43 100
74 8.8 20.8 31.2#



#20
Methylene Chloride
Concen: 118.799 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054751.D
Acq: 28 Mar 2019 18:10

Tgt Ion: 84 Resp: 707669
Ion Ratio Lower Upper
84 100
49 145.2 89.7 134.5#
51 44.3 28.2 42.4#
86 64.8 50.8 76.2





#25

2-Butanone

Concen: 4.901 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VN054751.D

Acq: 28 Mar 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

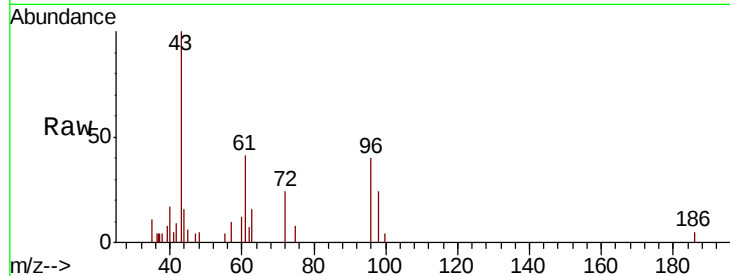
30091-30097-4

Tot Ion: 43 Resp: 12686

Ion Ratio Lower Upper

43 100

72 25.2 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.85

4000

3000

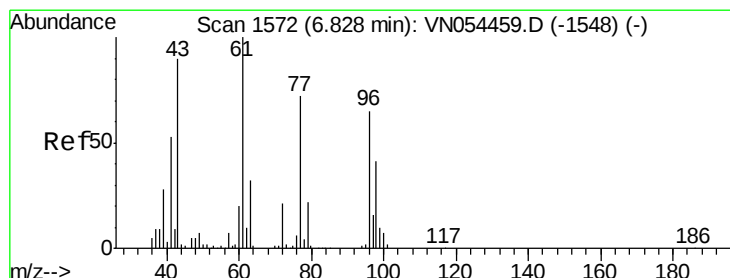
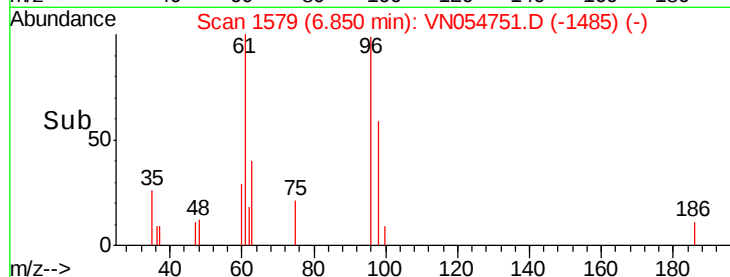
2000

1000

0

6.75 6.80 6.85 6.90

Time-->



#27

cis-1,2-Dichloroethene

Concen: 0.623 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN054751.D

Acq: 28 Mar 2019 18:10

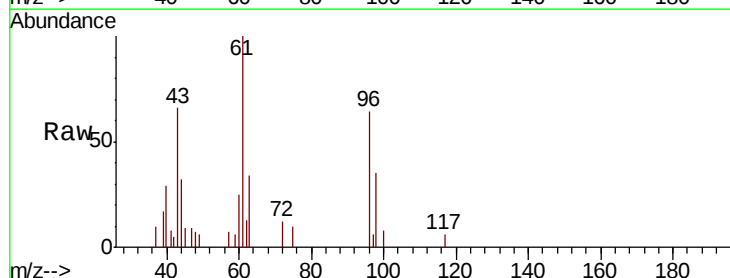
Tgt Ion: 96 Resp: 3952

Ion Ratio Lower Upper

96 100

61 231.3 0.0 273.0

98 47.7 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

4000

3000

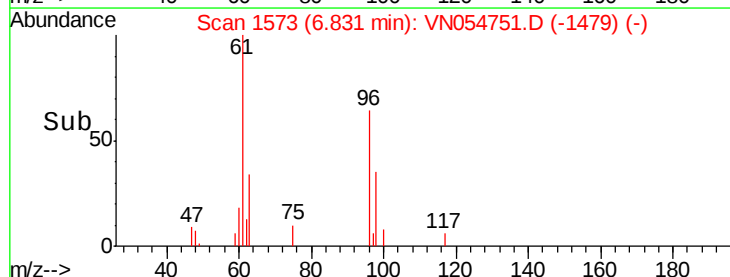
2000

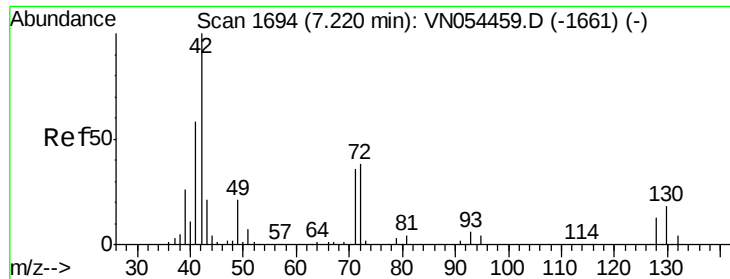
1000

0

6.80 6.85

Time-->





#29

Tetrahydrofuran

Concen: 0.584 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VN054751.D

Acq: 28 Mar 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

30091-30097-4

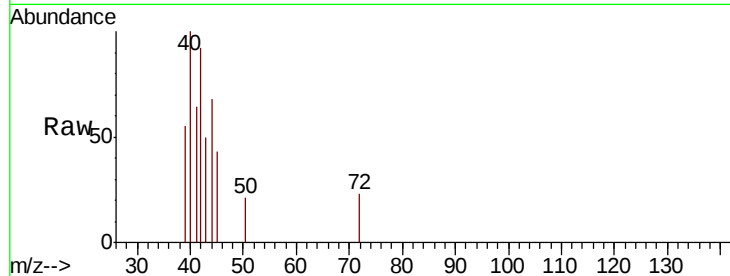
Tot Ion: 42 Resp: 981

Ion Ratio Lower Upper

42 100

72 13.0 37.8 56.6#

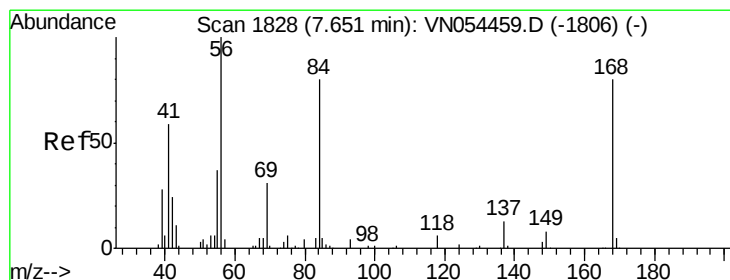
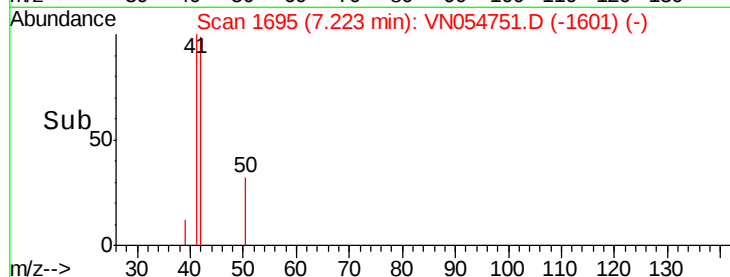
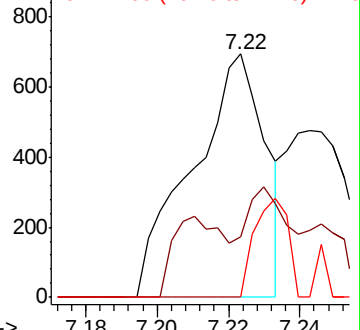
71 18.6 36.2 54.2#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: Below Cal

RT: 7.67 min Scan# 1833

Delta R.T. 0.02 min

Lab File: VN054751.D

Acq: 28 Mar 2019 18:10

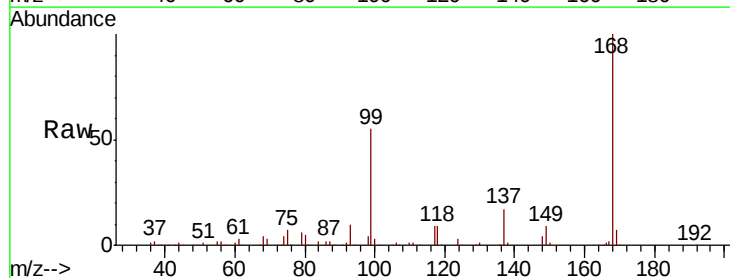
Tgt Ion: 56 Resp: 11201

Ion Ratio Lower Upper

56 100

69 157.1 27.8 41.6#

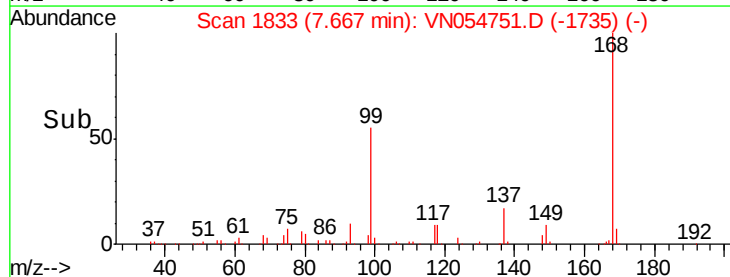
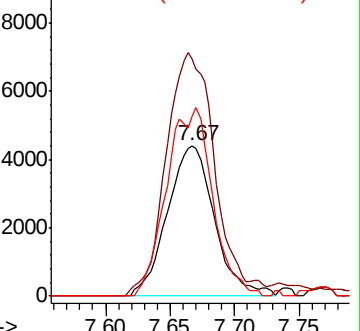
84 118.9 74.6 111.8#

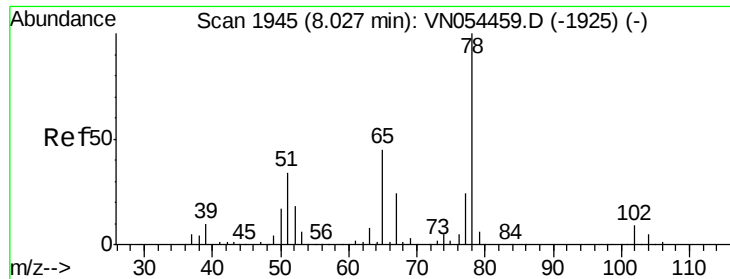


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

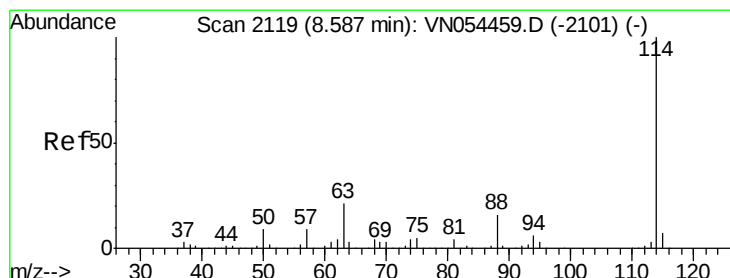
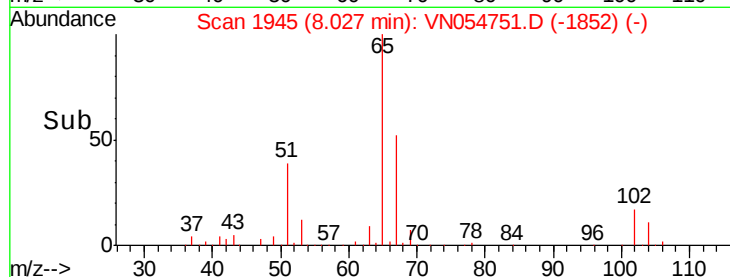
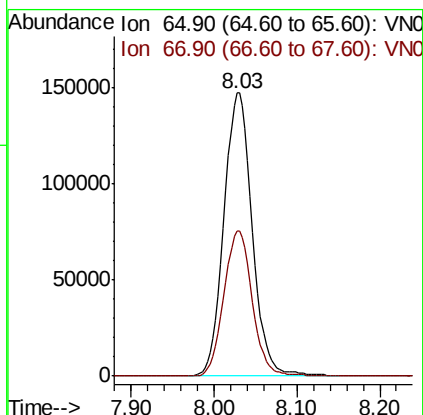
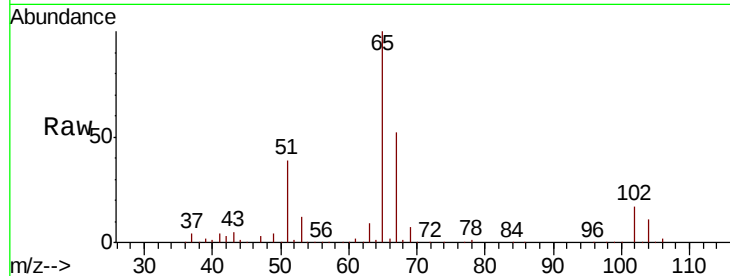




#33
 1,2-Dichloroethane-d4
 Concen: 52.007 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054751.D
 Acq: 28 Mar 2019 18:10

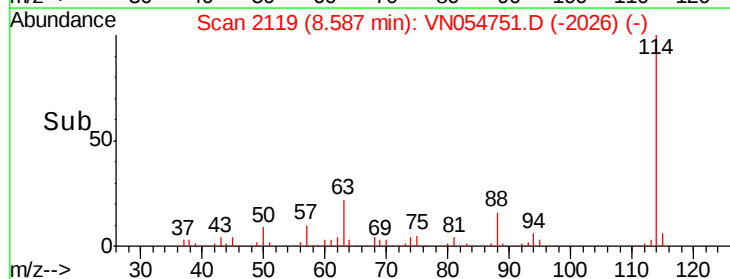
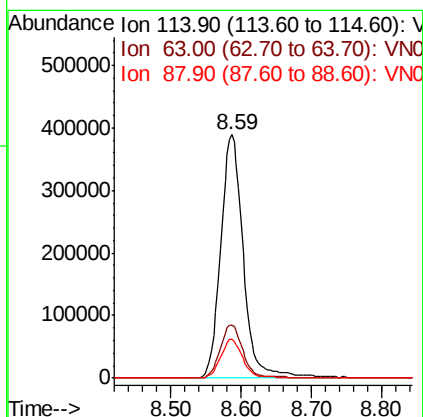
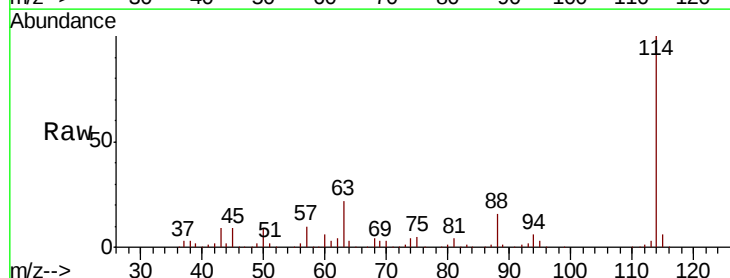
Instrument :
 MSVOA_N
 ClientSampleId :
 30091-30097-4

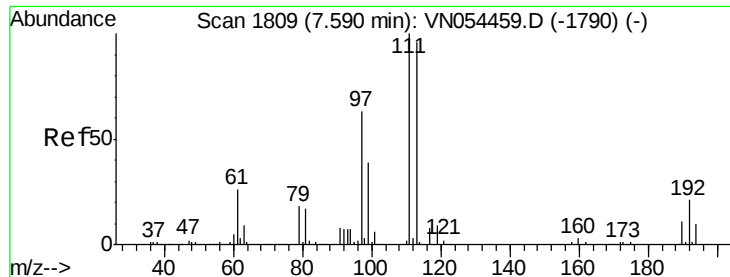
Tot Ion: 65 Resp: 349559
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054751.D
 Acq: 28 Mar 2019 18:10

Tgt Ion: 114 Resp: 874940
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 35.2
 88 15.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 49.394 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054751.D

Acq: 28 Mar 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

30091-30097-4

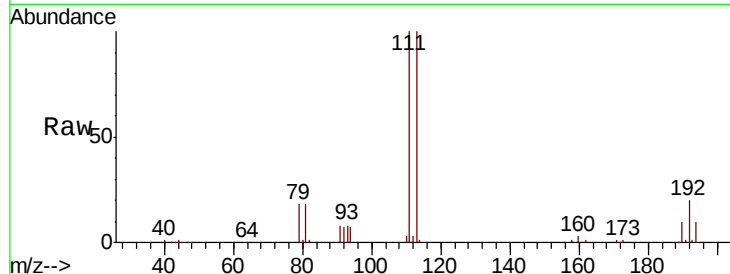
Tot Ion:113 Resp: 278422

Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.4

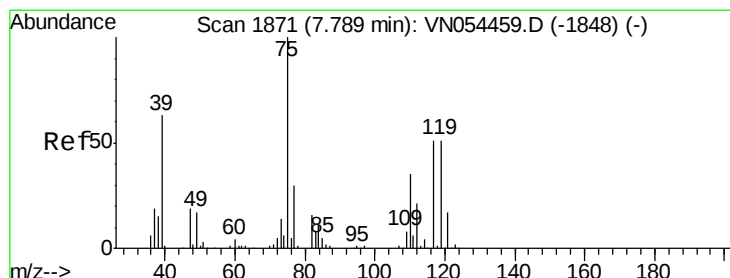
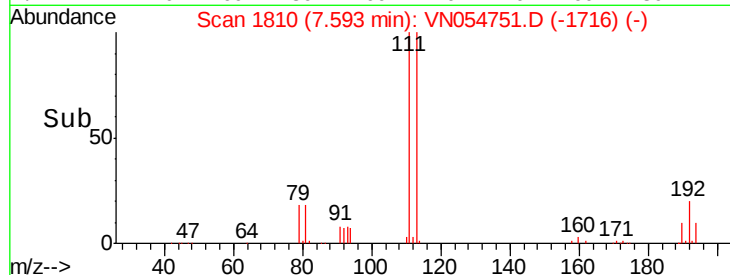
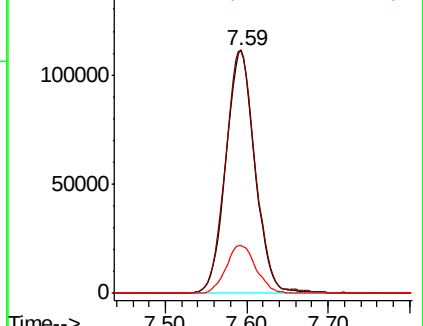
192 20.5 19.2 28.8



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: 4.986 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN054751.D

Acq: 28 Mar 2019 18:10

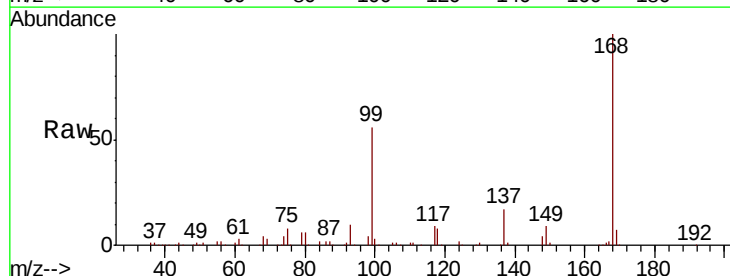
Tgt Ion: 75 Resp: 40789

Ion Ratio Lower Upper

75 100

110 7.8 19.1 57.5#

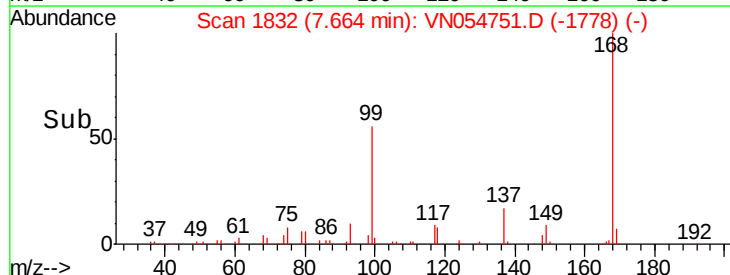
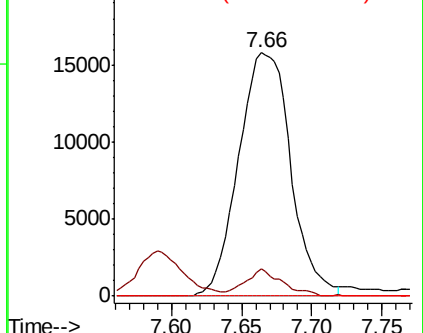
77 0.0 25.0 37.4#

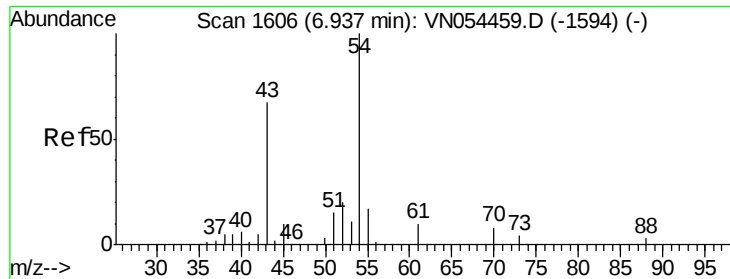


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

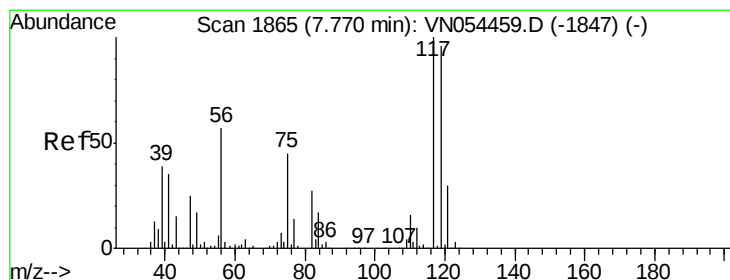
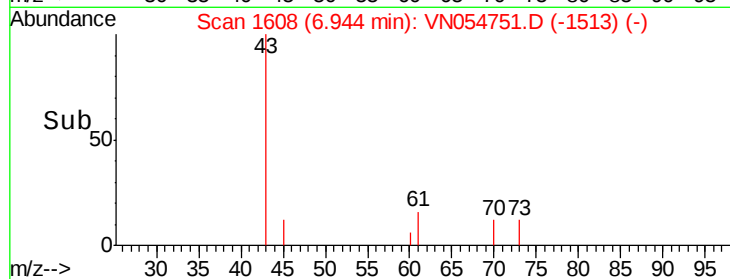
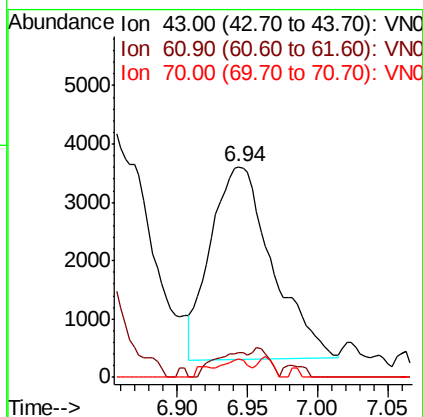
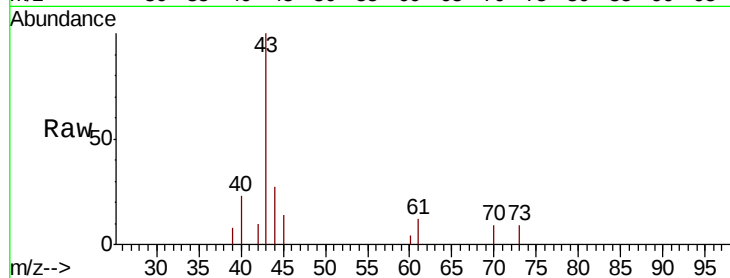




#37
Ethyl Acetate
Concen: 1.728 ug/l
RT: 6.94 min Scan# 1608
Delta R.T. 0.01 min
Lab File: VN054751.D
Acq: 28 Mar 2019 18:10

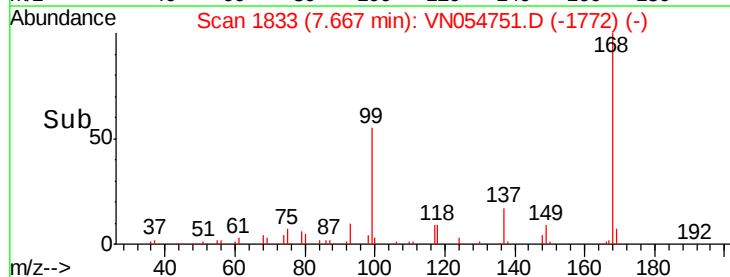
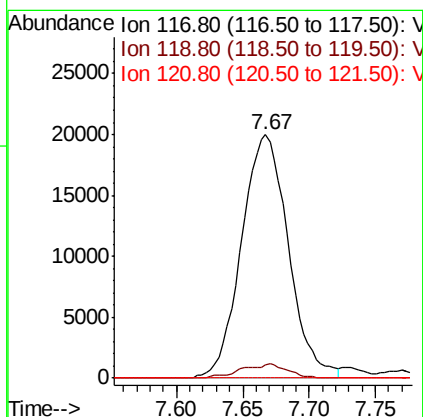
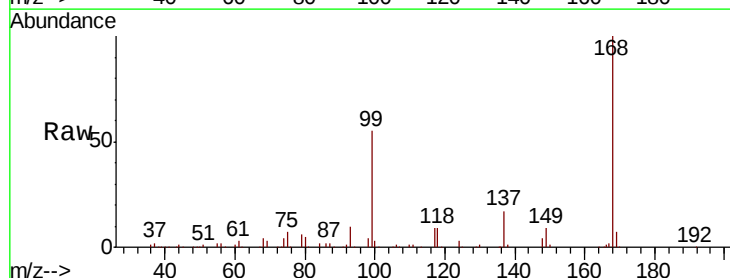
Instrument :
MSVOA_N
ClientSampled :
30091-30097-4

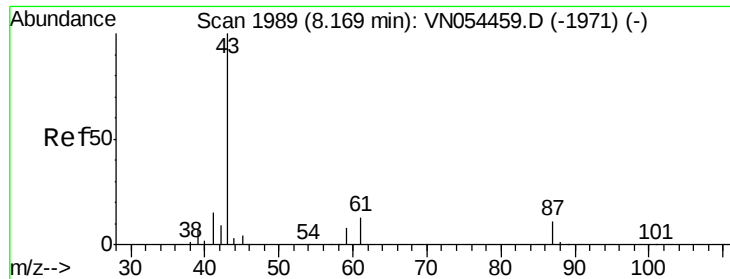
Tot Ion: 43 Resp: 10055
Ion Ratio Lower Upper
43 100
61 7.2 11.8 17.6#
70 3.7 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 6.177 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.10 min
Lab File: VN054751.D
Acq: 28 Mar 2019 18:10

Tgt Ion: 117 Resp: 49104
Ion Ratio Lower Upper
117 100
119 5.2 76.3 114.5#
121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 1.261 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054751.D

Acq: 28 Mar 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

30091-30097-4

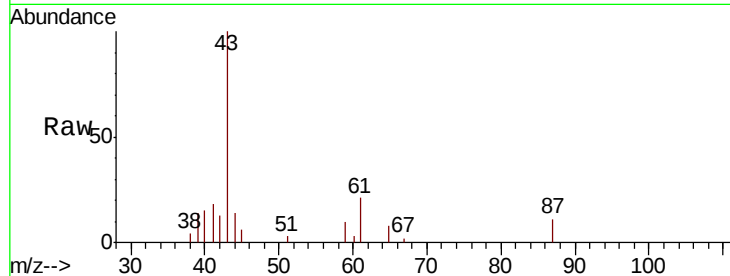
Tot Ion: 43 Resp: 12394

Ion Ratio Lower Upper

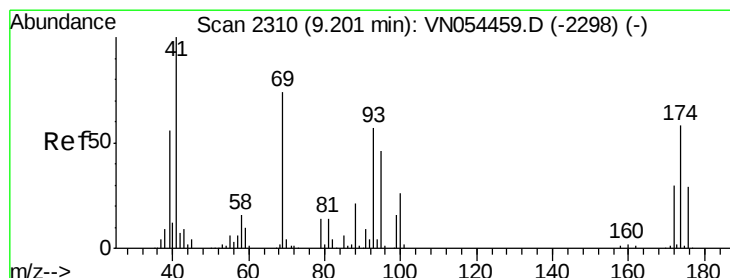
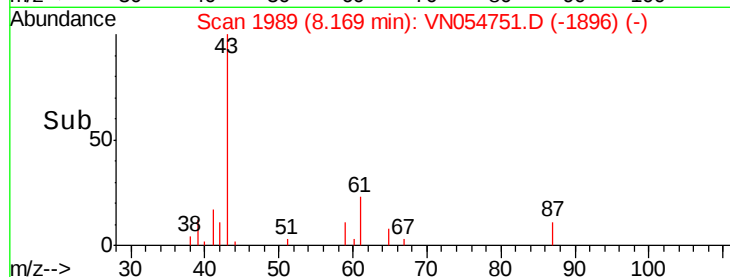
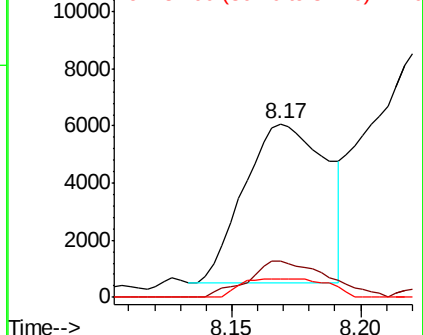
43 100

61 22.0 15.8 23.8

87 12.1 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



#48

Methyl methacrylate

Concen: 6.927 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.03 min

Lab File: VN054751.D

Acq: 28 Mar 2019 18:10

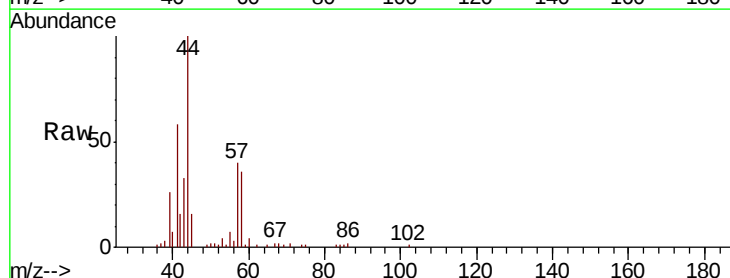
Tgt Ion: 41 Resp: 36944

Ion Ratio Lower Upper

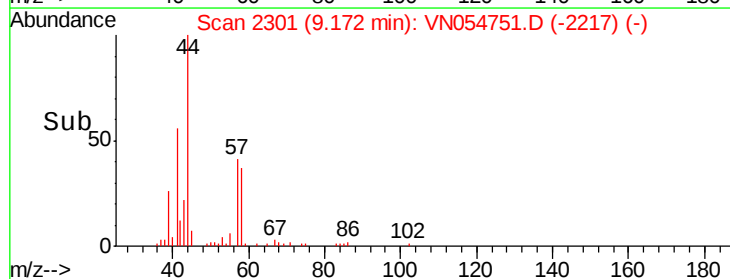
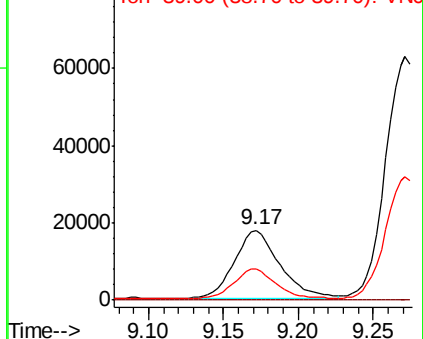
41 100

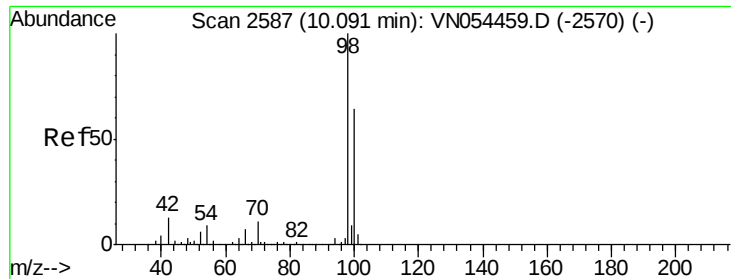
69 0.3 72.6 108.8#

39 42.3 47.5 71.3#



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





#50

Toluene-d8

Concen: 49.821 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054751.D

Acq: 28 Mar 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

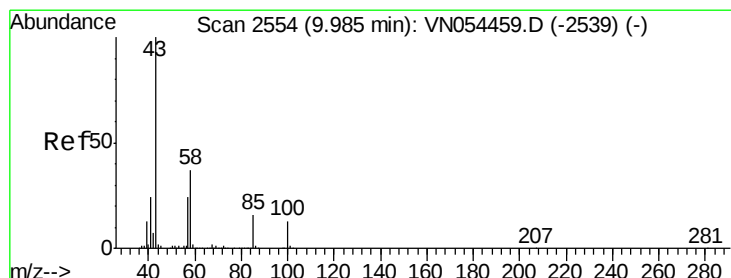
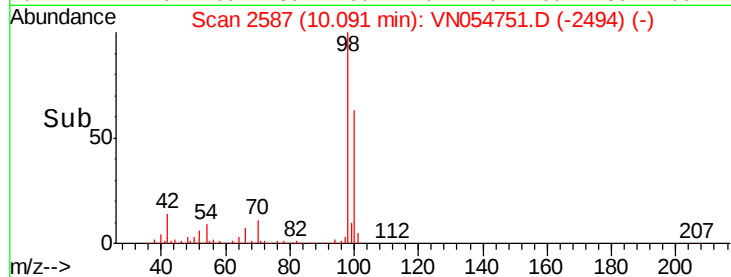
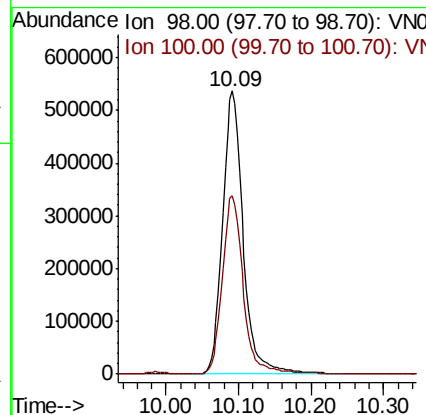
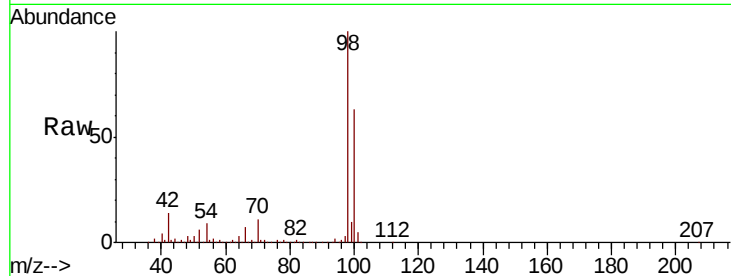
30091-30097-4

Tot Ion: 98 Resp: 1055755

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 15.420 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN054751.D

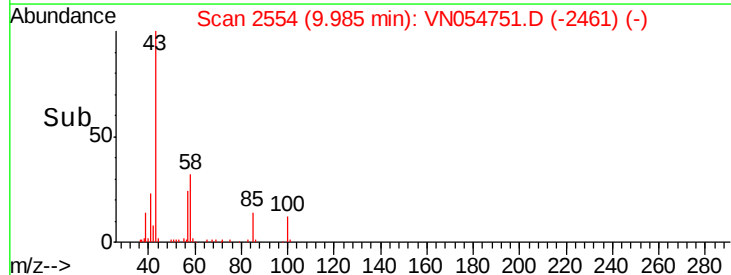
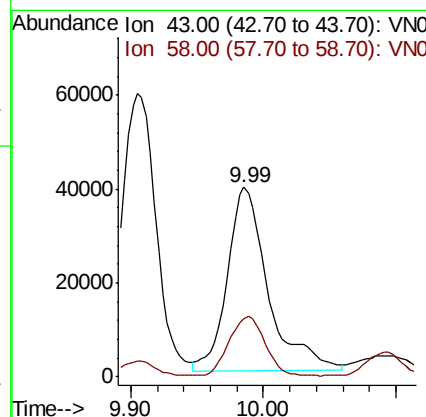
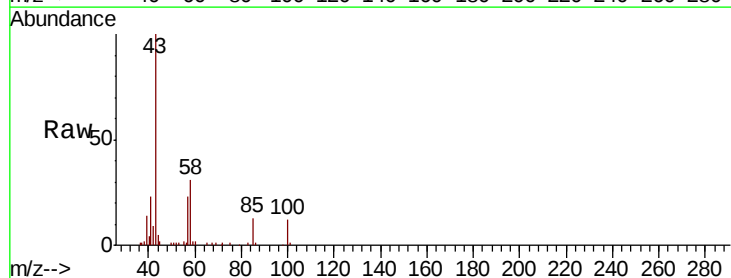
Acq: 28 Mar 2019 18:10

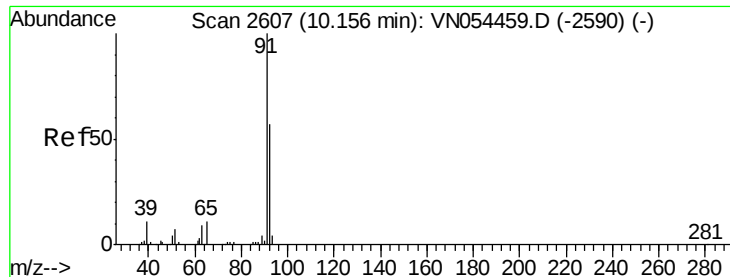
Tgt Ion: 43 Resp: 83977

Ion Ratio Lower Upper

43 100

58 29.4 31.8 47.6#





#52

Toluene

Concen: 6.380 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054751.D

Acq: 28 Mar 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

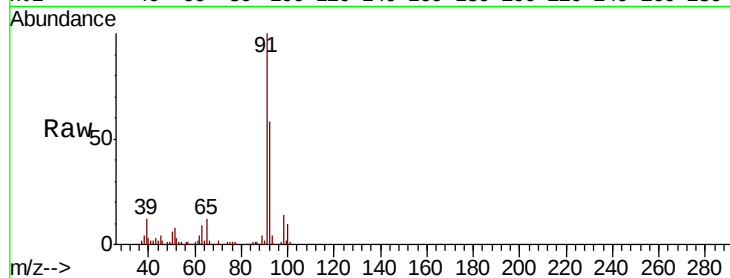
30091-30097-4

Tot Ion: 92 Resp: 91793

Ion Ratio Lower Upper

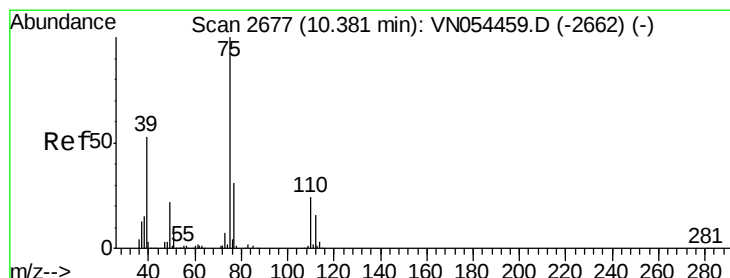
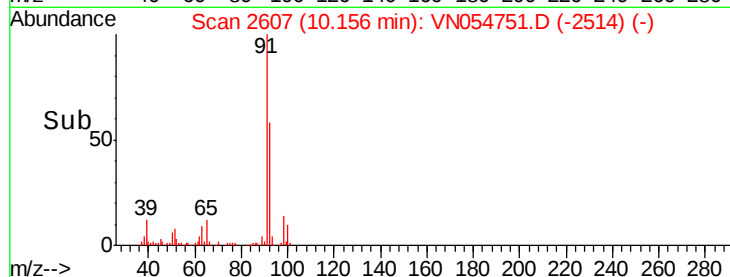
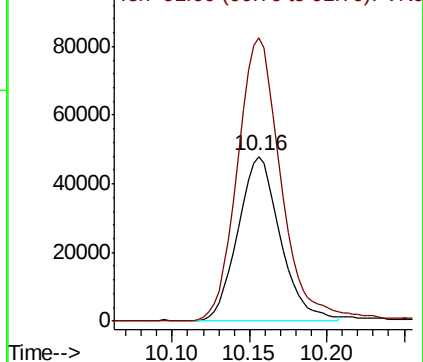
92 100

91 178.1 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#53

t-1,3-Dichloropropene

Concen: 2.328 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.23 min

Lab File: VN054751.D

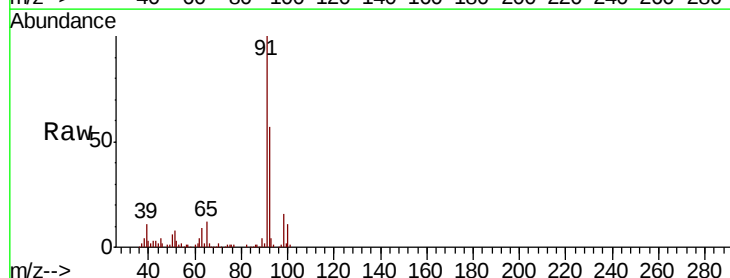
Acq: 28 Mar 2019 18:10

Tgt Ion: 75 Resp: 827

Ion Ratio Lower Upper

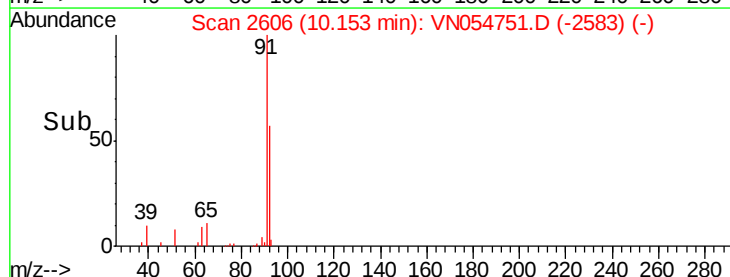
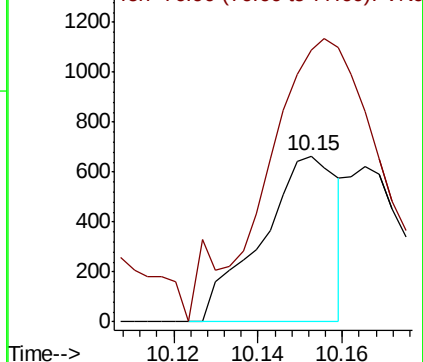
75 100

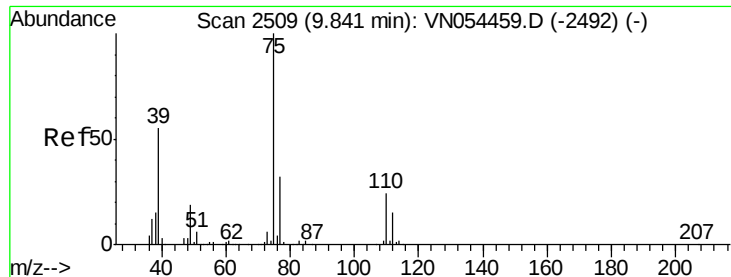
77 163.8 25.8 38.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0





#54

cis-1,3-Dichloropropene

Concen: 5.194 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054751.D

Acq: 28 Mar 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

30091-30097-4

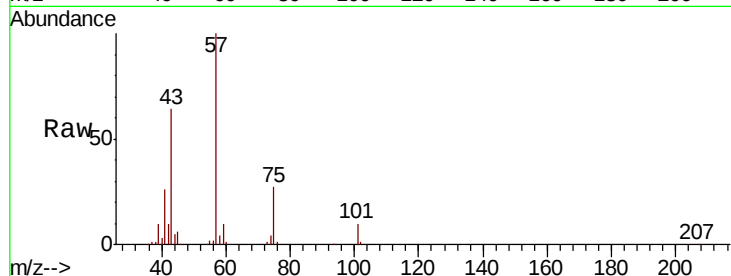
Tot Ion: 75 Resp: 46317

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

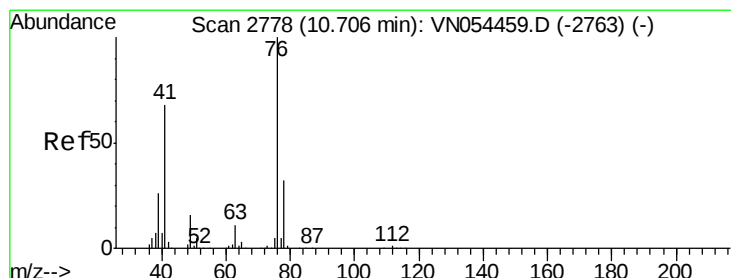
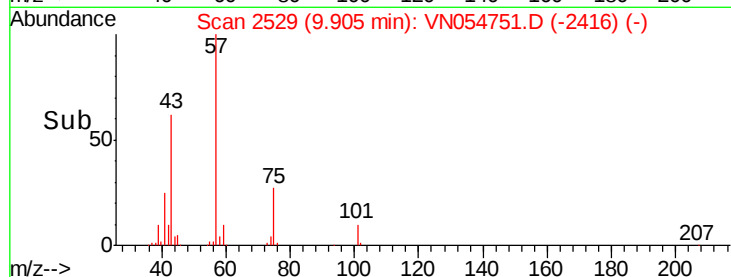
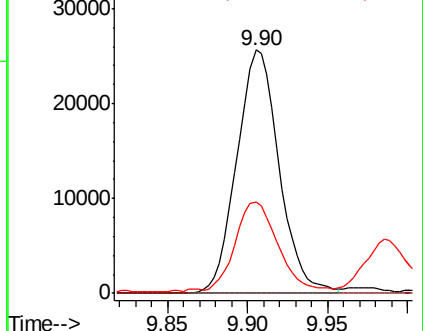
39 35.9 37.2 55.8#



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



#57

1,3-Dichloropropane

Concen: 0.981 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.05 min

Lab File: VN054751.D

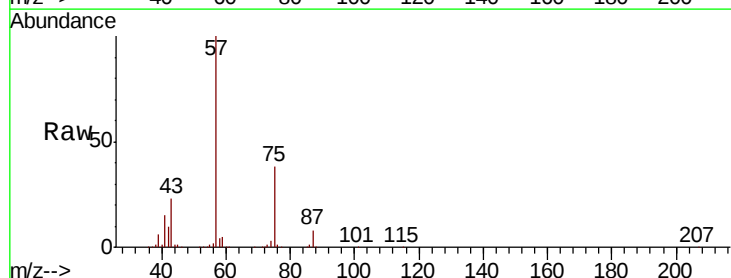
Acq: 28 Mar 2019 18:10

Tgt Ion: 76 Resp: 8816

Ion Ratio Lower Upper

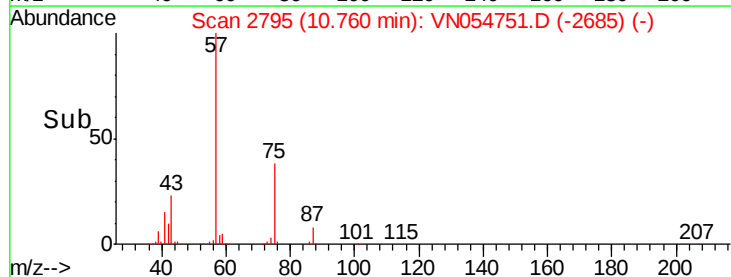
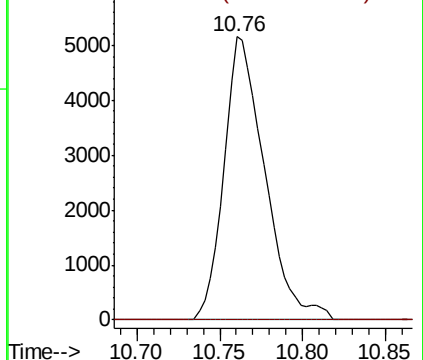
76 100

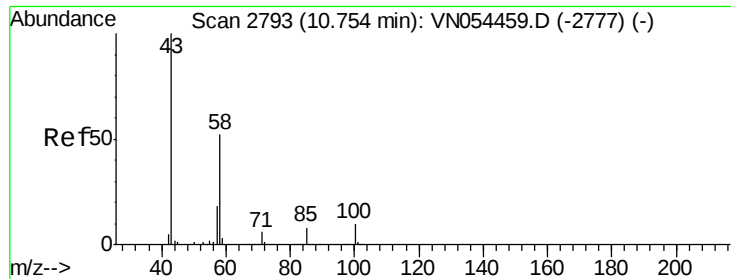
78 0.0 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

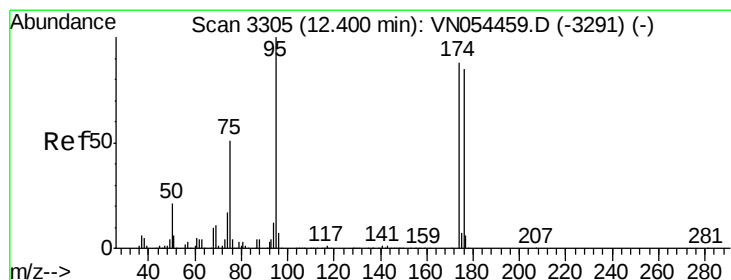
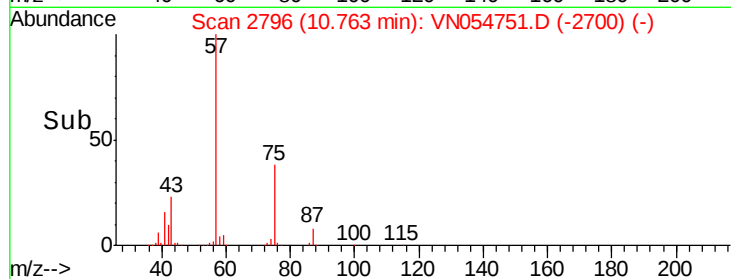
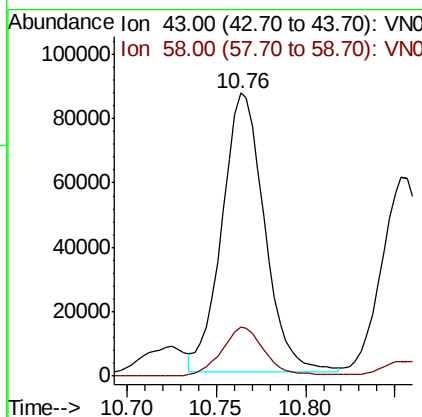
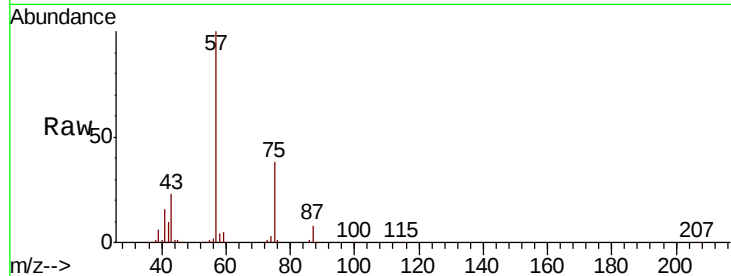




#59
2-Hexanone
Concen: 40.331 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN054751.D
Acq: 28 Mar 2019 18:10

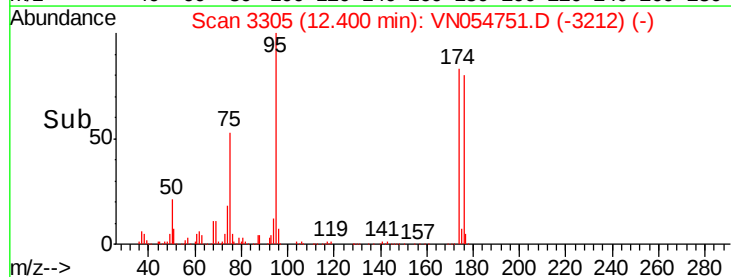
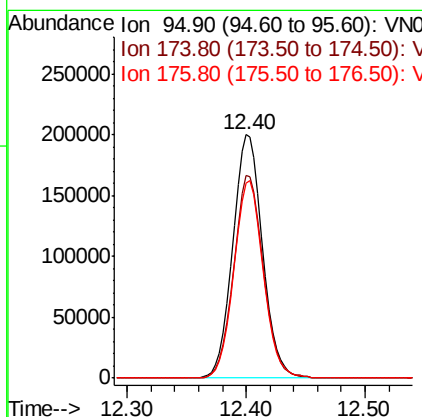
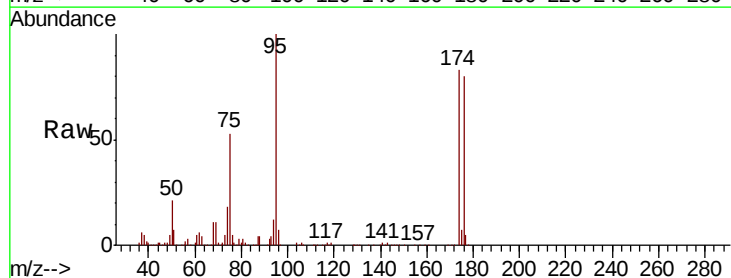
Instrument :
MSVOA_N
ClientSampleId :
30091-30097-4

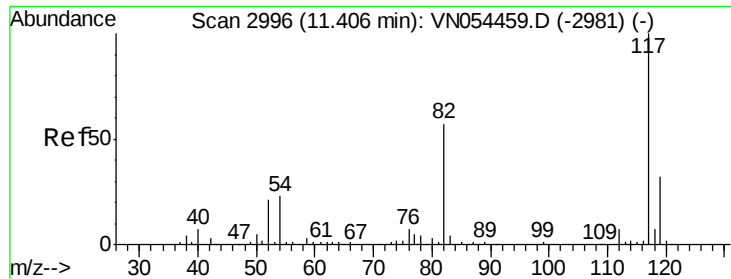
Tot Ion: 43 Resp: 143466
Ion Ratio Lower Upper
43 100
58 18.0 28.0 83.9#



#62
4-Bromofluorobenzene
Concen: 48.006 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054751.D
Acq: 28 Mar 2019 18:10

Tgt Ion: 95 Resp: 346163
Ion Ratio Lower Upper
95 100
174 83.1 0.0 191.0
176 80.4 0.0 187.4

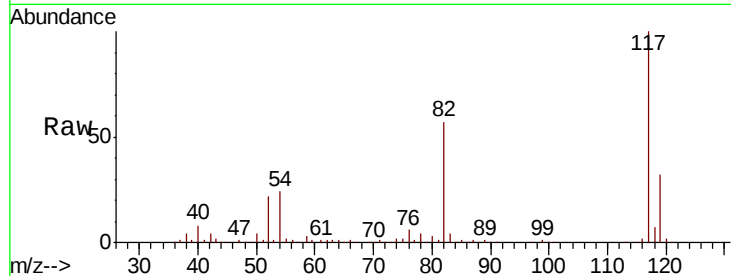




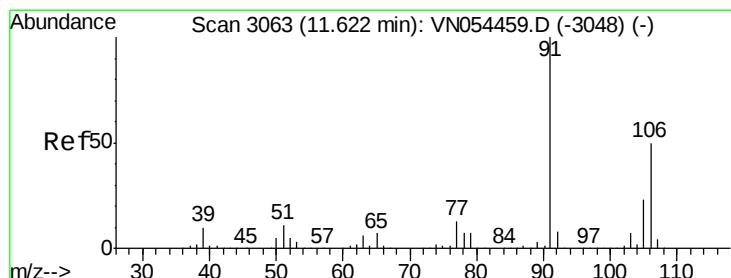
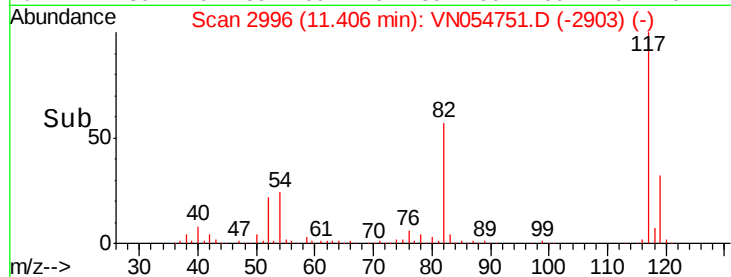
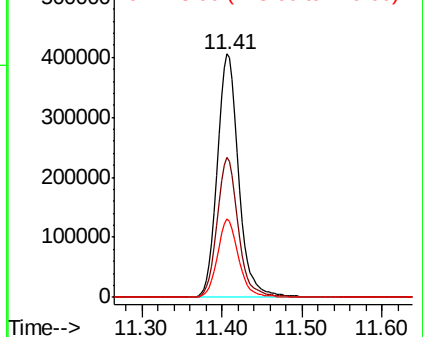
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054751.D
Acq: 28 Mar 2019 18:10

Instrument :
MSVOA_N
ClientSampleId :
30091-30097-4

Tot Ion:117 Resp: 754429
Ion Ratio Lower Upper
117 100
82 57.4 40.0 60.0
119 32.2 25.8 38.6

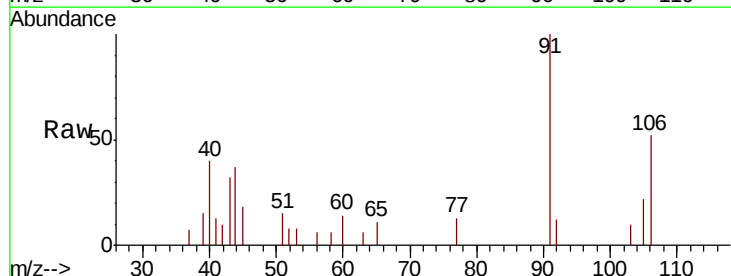


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

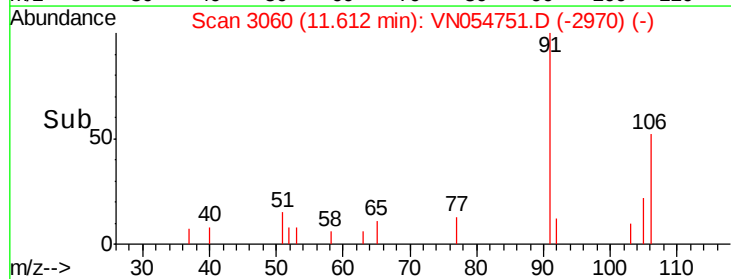
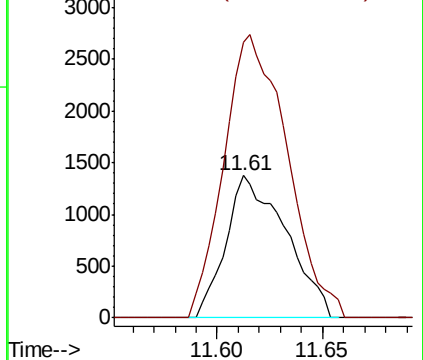


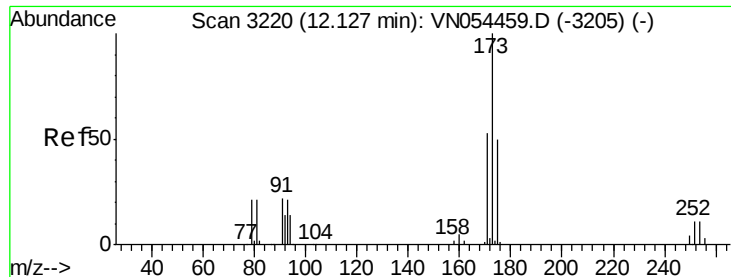
#68
m/p-Xylenes
Concen: 0.264 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.01 min
Lab File: VN054751.D
Acq: 28 Mar 2019 18:10

Tgt Ion:106 Resp: 2713
Ion Ratio Lower Upper
106 100
91 210.5 159.4 239.2



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





#71

Bromoform

Concen: 2.398 ug/l

RT: 12.39 min Scan# 3302

Delta R.T. 0.26 min

Lab File: VN054751.D

Acq: 28 Mar 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

30091-30097-4

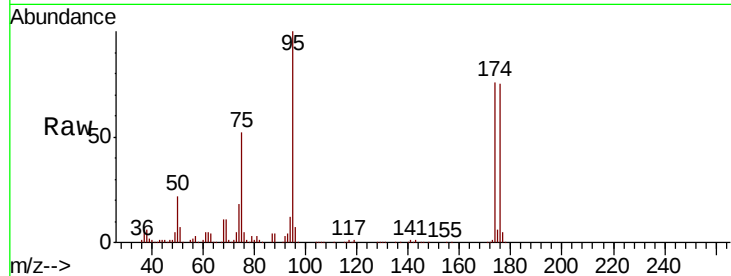
Tot Ion:173 Resp: 705

Ion Ratio Lower Upper

173 100

175 0.0 24.4 73.2#

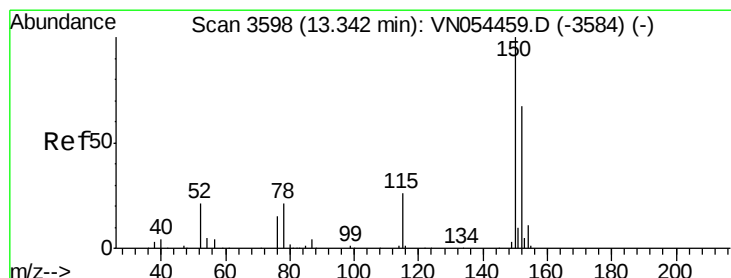
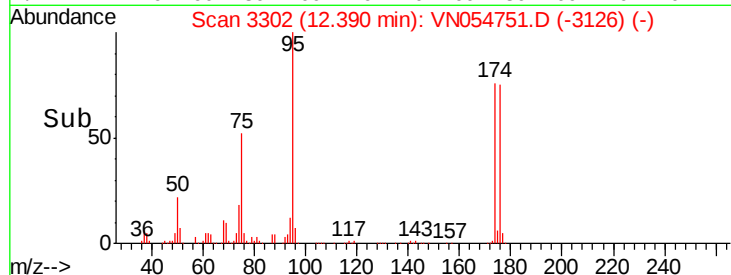
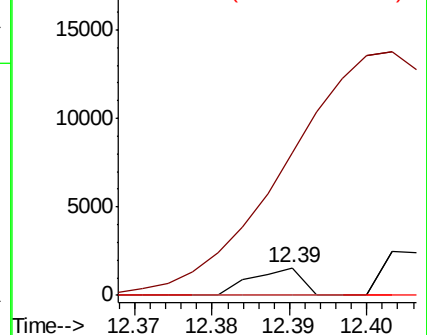
254 0.0 0.1 0.1#



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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054751.D

Acq: 28 Mar 2019 18:10

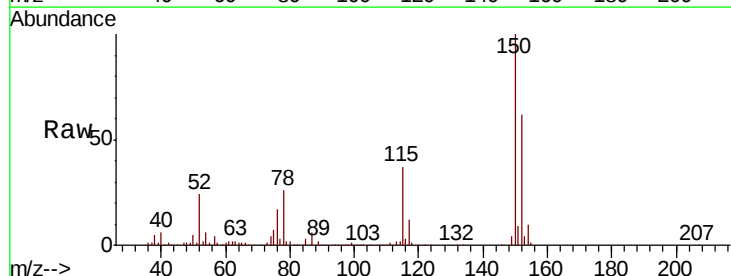
Tgt Ion:152 Resp: 303181

Ion Ratio Lower Upper

152 100

115 59.5 27.2 81.6

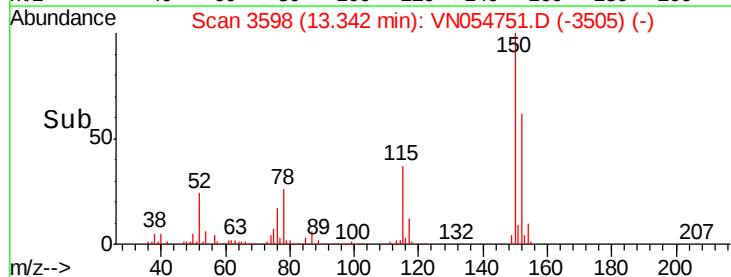
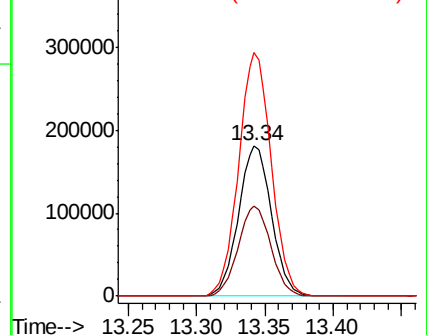
150 160.3 0.0 349.2

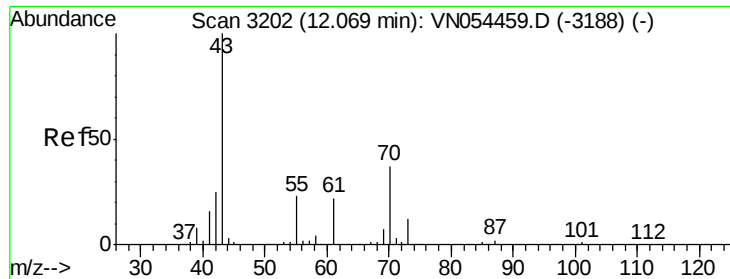


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

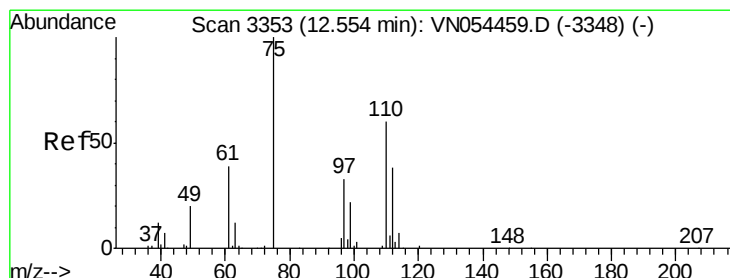
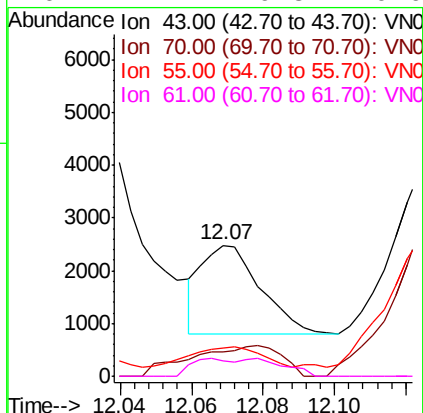
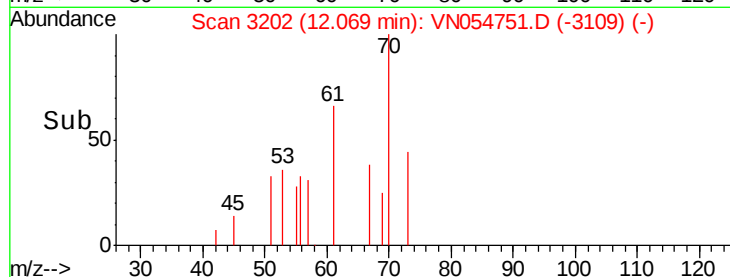
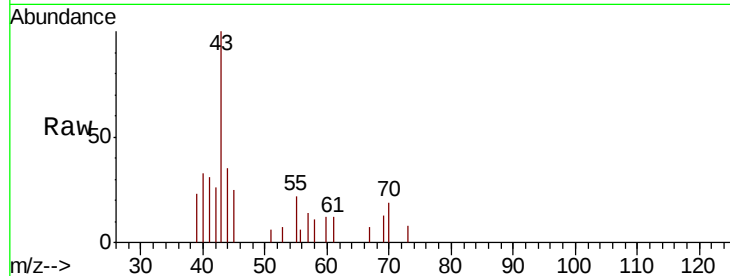




#74
N-amvl acetate
Concen: 0.271 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN054751.D
Acq: 28 Mar 2019 18:10

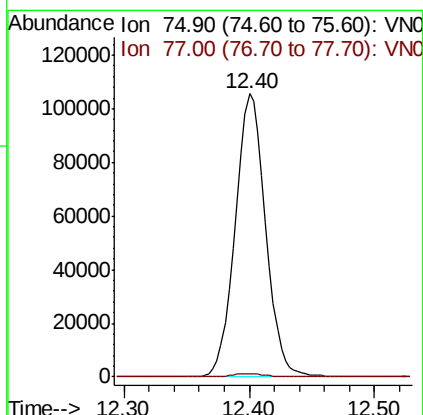
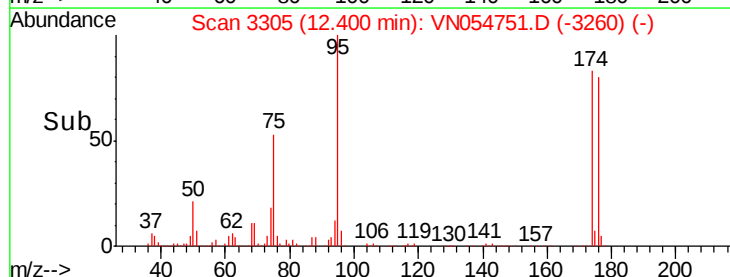
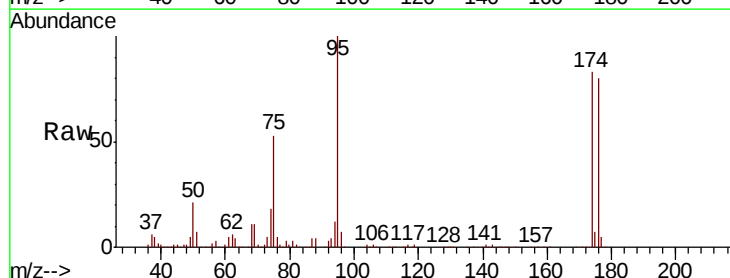
Instrument :
MSVOA_N
ClientSampled :
30091-30097-4

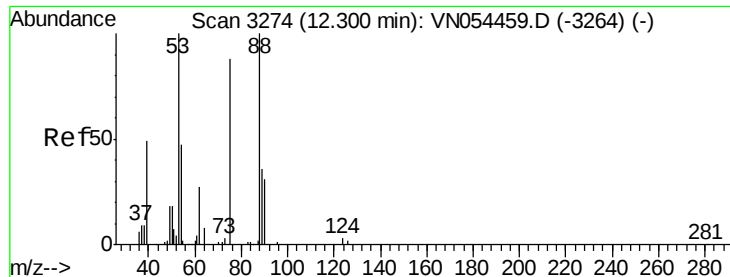
Tot Ion: 43 Resp: 1904
Ion Ratio Lower Upper
43 100
70 52.6 35.4 53.0
55 26.5 19.8 29.6
61 14.7 19.8 29.6#



#76
1,2,3-Trichloropropane
Concen: 36.807 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054751.D
Acq: 28 Mar 2019 18:10

Tgt Ion: 75 Resp: 177081
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 122.011 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054751.D

Acq: 28 Mar 2019 18:10

Instrument :

MSVOA_N

ClientSampled :

30091-30097-4

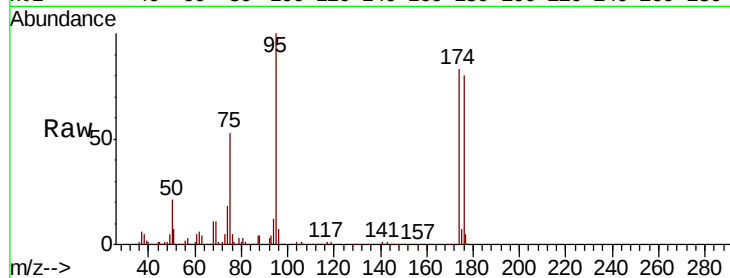
Tot Ion: 75 Resp: 177081

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

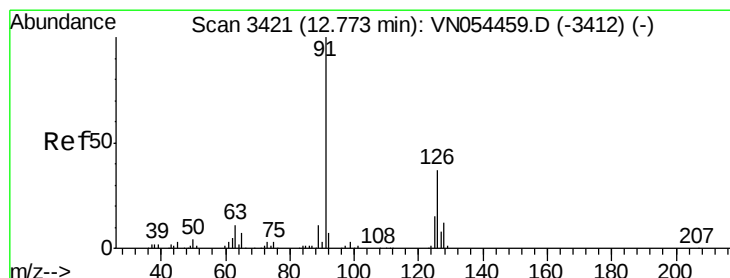
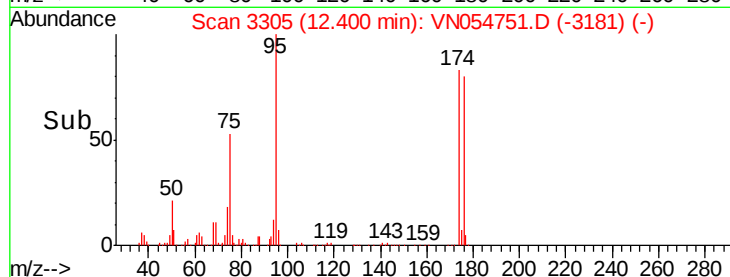
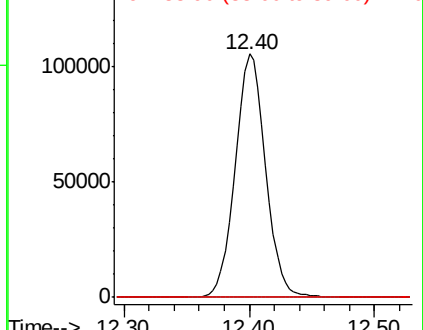
89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.205 ug/l

RT: 12.69 min Scan# 3394

Delta R.T. -0.09 min

Lab File: VN054751.D

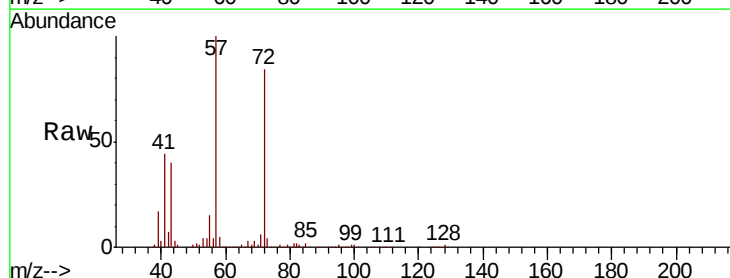
Acq: 28 Mar 2019 18:10

Tgt Ion: 91 Resp: 3289

Ion Ratio Lower Upper

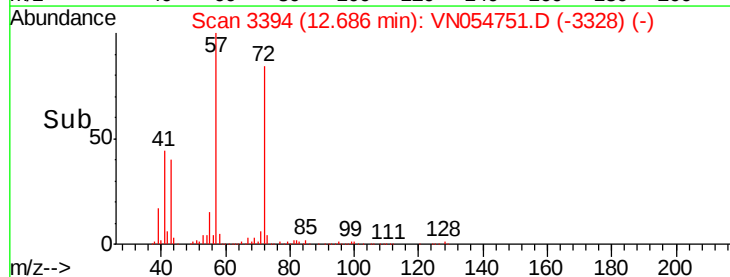
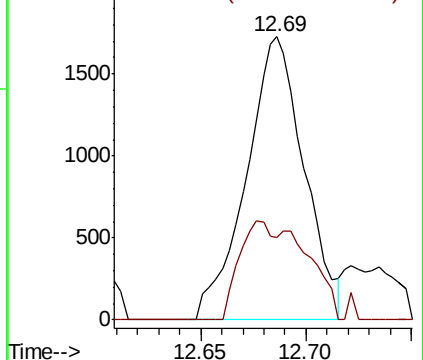
91 100

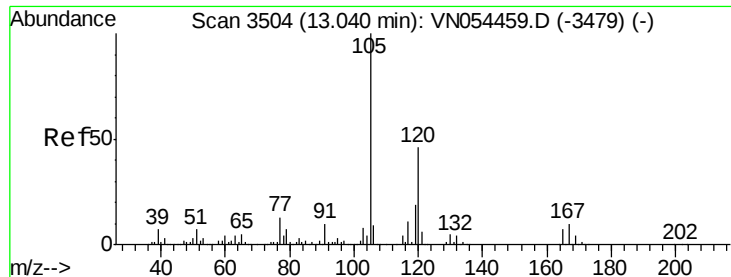
126 21.9 18.1 54.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#84

1,2,4-Trimethylbenzene

Concen: 0.329 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.01 min

Lab File: VN054751.D

Acq: 28 Mar 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

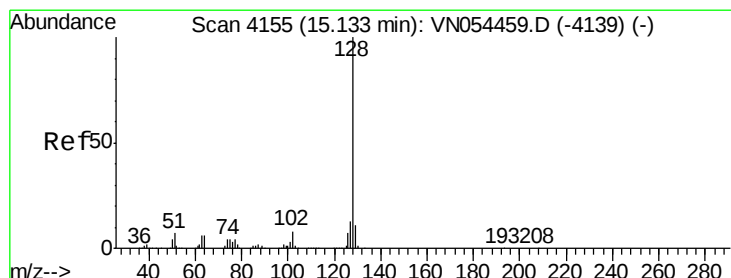
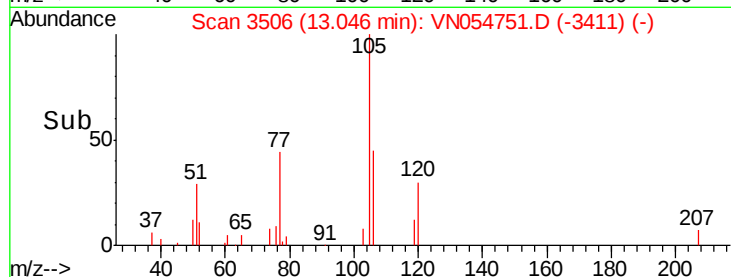
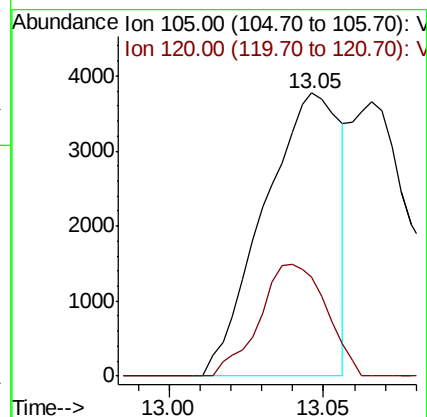
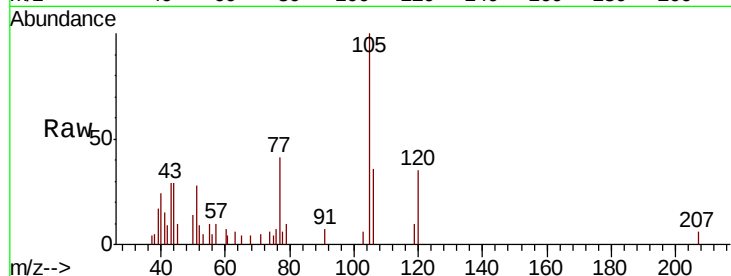
30091-30097-4

Tot Ion:105 Resp: 6455

Ion Ratio Lower Upper

105 100

120 34.6 23.4 70.3



#95

Naphthalene

Concen: 0.619 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN054751.D

Acq: 28 Mar 2019 18:10

Tgt Ion:128 Resp: 6696

Ion Ratio Lower Upper

128 100

127 3.1 10.1 15.1#

129 9.3 8.7 13.1

