

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032919\
 Data File : VN054760.D
 Acq On : 29 Mar 2019 10:27
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 30 00:06:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:26:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	455406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	745038	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	609805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	222213	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	50323	8.20	ug/l	0.00
Spiked Amount			Recovery	=	16.40%	
35) Dibromofluoromethane	7.59	113	40990	8.25	ug/l	0.00
Spiked Amount			Recovery	=	16.50%	
50) Toluene-d8	10.09	98	141956	7.69	ug/l	0.00
Spiked Amount			Recovery	=	15.38%	
62) 4-Bromofluorobenzene	12.40	95	37300	6.07	ug/l	0.00
Spiked Amount			Recovery	=	12.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	23023	5.00	ug/l	97
3) Chloromethane	2.06	50	34559	5.43	ug/l	96
4) Vinyl Chloride	2.19	62	28999	5.07	ug/l	99
5) Bromomethane	2.57	94	18364	4.06	ug/l	96
6) Chloroethane	2.71	64	16018	5.02	ug/l	95
7) Trichlorofluoromethane	3.02	101	36191	5.15	ug/l	95
8) Diethyl Ether	3.41	74	12413	5.48	ug/l	72
9) 1,1,2-Trichlorotrifluoroet	3.75	101	18972	5.46	ug/l	91
10) Methyl Iodide	3.94	142	24749	4.88	ug/l	91
11) Tert butyl alcohol	4.82	59	7658	23.70	ug/l #	85
12) 1,1-Dichloroethene	3.73	96	18233	5.09	ug/l #	73
13) Acrolein	3.61	56	6049	21.15	ug/l #	75
14) Allyl chloride	4.32	41	38701	4.43	ug/l #	94
15) Acrylonitrile	4.99	53	41839	23.53	ug/l	97
16) Acetone	3.82	43	36084	24.65	ug/l	89
17) Carbon Disulfide	4.04	76	54555	4.70	ug/l	99
18) Methyl Acetate	4.33	43	21396	4.78	ug/l	90
19) Methyl tert-butyl Ether	5.06	73	60792	4.85	ug/l	97
20) Methylene Chloride	4.55	84	25810	5.00	ug/l #	84
21) trans-1,2-Dichloroethene	5.04	96	22635	4.81	ug/l	91
22) Diisopropyl ether	5.96	45	84677	4.86	ug/l #	92
23) Vinyl Acetate	5.90	43	277635	23.43	ug/l #	92
24) 1,1-Dichloroethane	5.85	63	46697	5.02	ug/l	97
25) 2-Butanone	6.85	43	54612	25.24	ug/l #	89
26) 2,2-Dichloropropane	6.83	77	32329	4.96	ug/l	93
27) cis-1,2-Dichloroethene	6.83	96	25514	4.80	ug/l	83
28) Bromochloromethane	7.19	49	22803	4.90	ug/l #	71
29) Tetrahydrofuran	7.22	42	34528	22.94	ug/l #	84
30) Chloroform	7.37	83	44332	5.00	ug/l	99
31) Cyclohexane	7.65	56	52223	4.28	ug/l #	86
32) 1,1,1-Trichloroethane	7.57	97	34308	4.67	ug/l #	93
36) 1,1-Dichloropropene	7.79	75	31607	4.65	ug/l	95
37) Ethyl Acetate	6.94	43	24013	4.81	ug/l	97
38) Carbon Tetrachloride	7.77	117	31585	4.68	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032919\
 Data File : VN054760.D
 Acq On : 29 Mar 2019 10:27
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 30 00:06:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:26:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	36737	4.81	ug/l #	85
40) Benzene	8.04	78	96936	4.88	ug/l	99
41) Methacrylonitrile	7.18	41	12493	4.37	ug/l #	87
42) 1,2-Dichloroethane	8.13	62	35556	5.01	ug/l	99
43) Isopropyl Acetate	8.17	43	39589	4.79	ug/l #	91
44) Trichloroethene	8.84	130	27065	5.25	ug/l	94
45) 1,2-Dichloropropane	9.12	63	26706	4.71	ug/l	99
46) Dibromomethane	9.21	93	15439	4.85	ug/l	89
47) Bromodichloromethane	9.40	83	30818	4.65	ug/l	99
48) Methyl methacrylate	9.20	41	21339	4.76	ug/l #	83
49) 1,4-Dioxane	9.20	88	4353	97.84	ug/l #	85
51) 4-Methyl-2-Pentanone	9.99	43	107280	23.07	ug/l	94
52) Toluene	10.16	92	57519	4.87	ug/l	95
53) t-1,3-Dichloropropene	10.38	75	25510	4.10	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	33366	4.48	ug/l #	83
55) 1,1,2-Trichloroethane	10.56	97	21234	4.83	ug/l	93
56) Ethyl methacrylate	10.43	69	24054	4.17	ug/l #	75
57) 1,3-Dichloropropane	10.71	76	37323	4.94	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	45286	27.83	ug/l #	89
59) 2-Hexanone	10.75	43	66005	22.17	ug/l	92
60) Dibromochloromethane	10.90	129	19279	4.33	ug/l	98
61) 1,2-Dibromoethane	11.01	107	19106	4.55	ug/l	99
64) Tetrachloroethene	10.63	164	25249	5.40	ug/l	93
65) Chlorobenzene	11.43	112	60338	5.05	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	22095	4.94	ug/l	93
67) Ethyl Benzene	11.51	91	109125	5.06	ug/l	99
68) m/p-Xylenes	11.62	106	78187	9.81	ug/l	98
69) o-Xylene	11.95	106	38807	4.96	ug/l	96
70) Styrene	11.96	104	59359	4.75	ug/l	97
71) Bromoform	12.13	173	10668	4.07	ug/l #	94
73) Isopropylbenzene	12.25	105	102225	5.63	ug/l	96
74) N-amyl acetate	12.07	43	26713	4.72	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.50	83	24670	4.61	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	27996	6.91	ug/l #	100
77) Bromobenzene	12.53	156	24738	5.64	ug/l	86
78) n-propylbenzene	12.59	91	104852	5.25	ug/l	97
79) 2-Chlorotoluene	12.67	91	68085	5.51	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	82851	5.56	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	4093	4.12	ug/l #	66
82) 4-Chlorotoluene	12.77	91	64645	5.39	ug/l	94
83) tert-Butylbenzene	12.99	119	72277	4.35	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	77158	5.43	ug/l	97
85) sec-Butylbenzene	13.17	105	86713	5.36	ug/l	98
86) p-Isopropyltoluene	13.29	119	75409	5.28	ug/l	95
87) 1,3-Dichlorobenzene	13.28	146	37493	5.11	ug/l	96
88) 1,4-Dichlorobenzene	13.36	146	35174	4.89	ug/l	89
89) n-Butylbenzene	13.61	91	54630	4.69	ug/l	97
90) Hexachloroethane	13.87	117	11739	4.84	ug/l	87
91) 1,2-Dichlorobenzene	13.65	146	39081	5.28	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	2953	4.76	ug/l	77

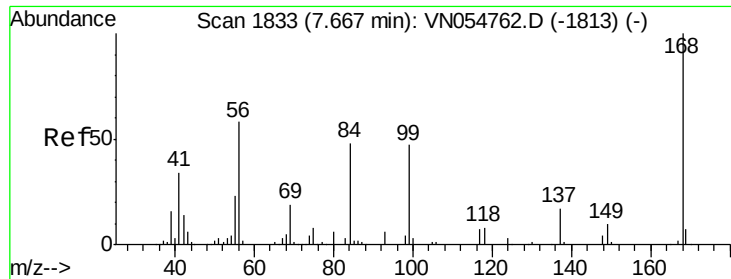
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032919\
Data File : VN054760.D
Acq On : 29 Mar 2019 10:27
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Mar 30 00:06:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 29 13:26:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	13414	3.76	ug/l	98
94) Hexachlorobutadiene	15.01	225	12773	4.11	ug/l	97
95) Naphthalene	15.13	128	29045	3.63	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	14860	4.12	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

Instrument :

MSVOA_N

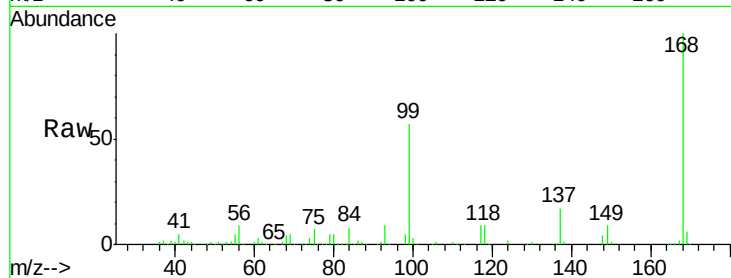
ClientSampled :

Tot Ion:168 Resp: 455406

Ion Ratio Lower Upper

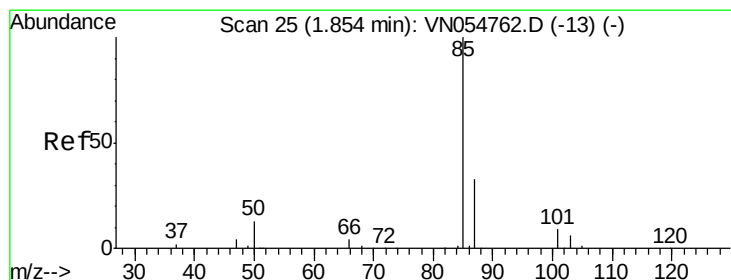
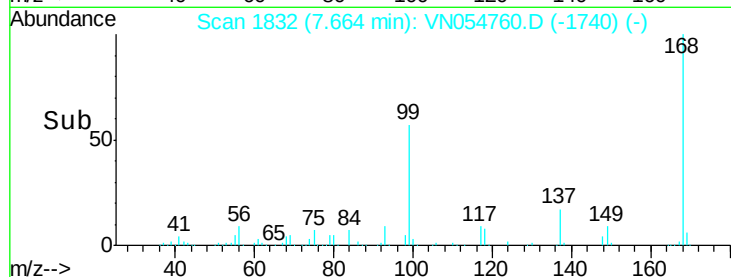
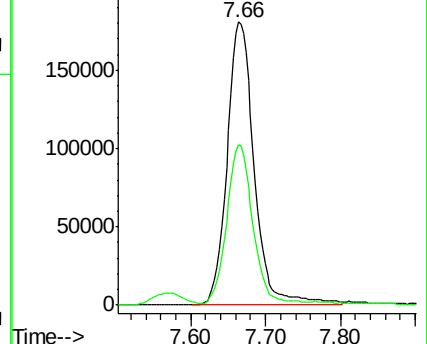
168 100

99 56.1 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 5.00 ug/l

RT: 1.85 min Scan# 25

Delta R.T. -0.00 min

Lab File: VN054760.D

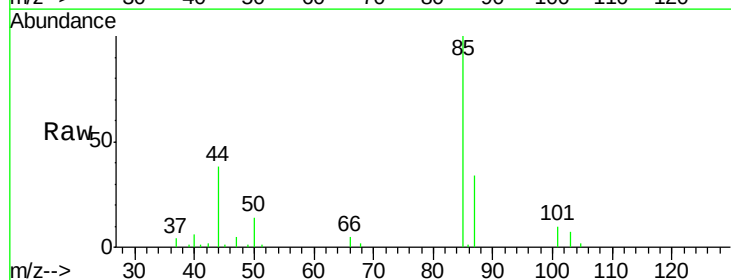
Acq: 29 Mar 2019 10:27

Tgt Ion: 85 Resp: 23023

Ion Ratio Lower Upper

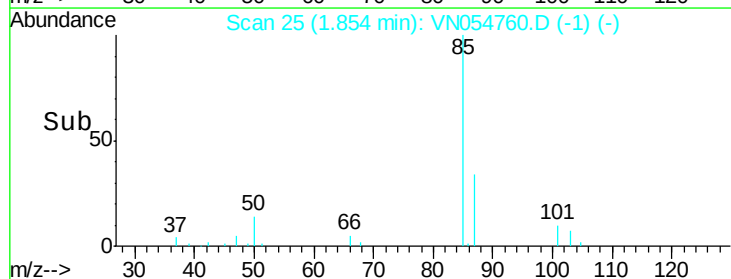
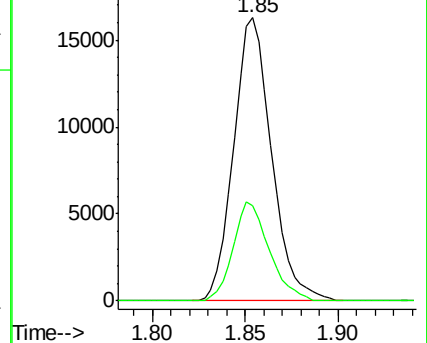
85 100

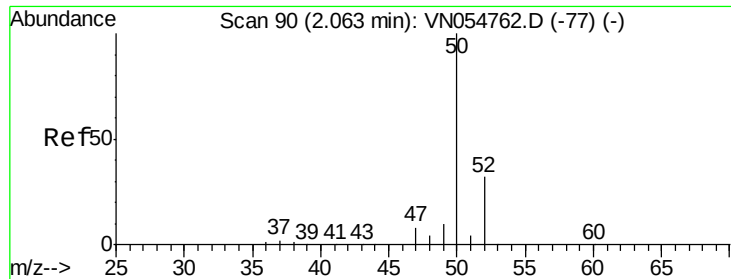
87 33.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 5.43 ug/l

RT: 2.06 min Scan# 90

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

Instrument :

MSVOA_N

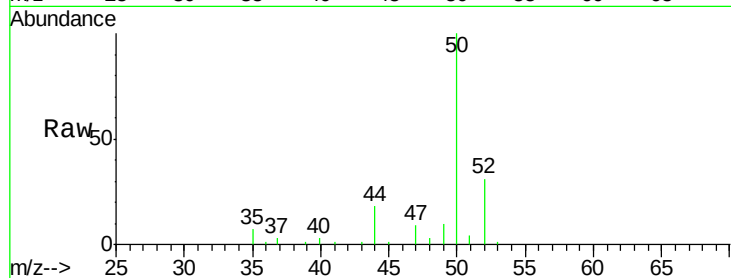
ClientSampled :

Tot Ion: 50 Resp: 34559

Ion Ratio Lower Upper

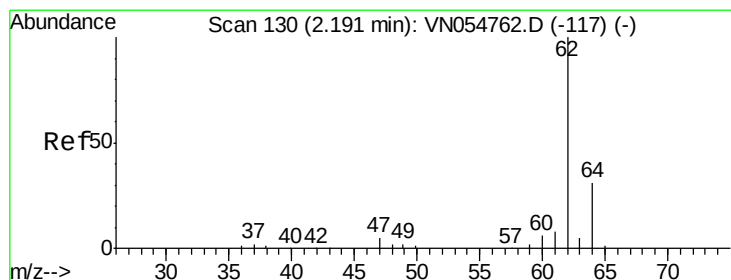
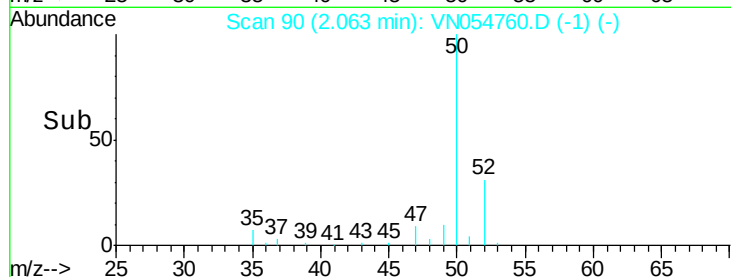
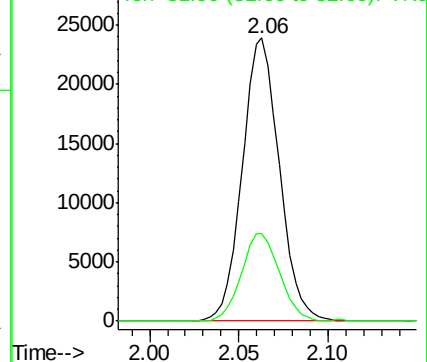
50 100

52 30.7 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 5.07 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN054760.D

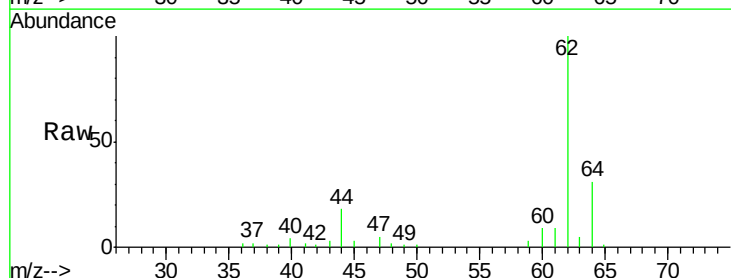
Acq: 29 Mar 2019 10:27

Tgt Ion: 62 Resp: 28999

Ion Ratio Lower Upper

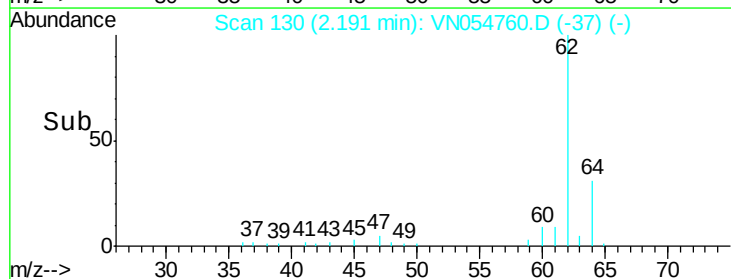
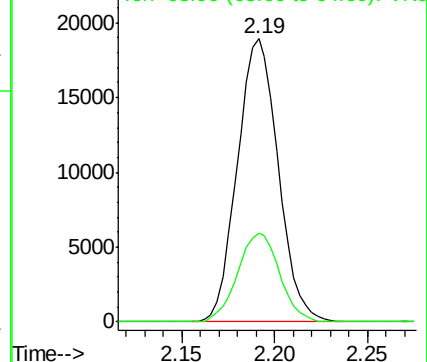
62 100

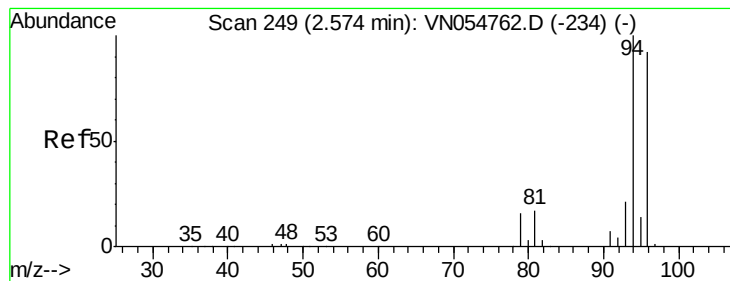
64 31.3 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 4.06 ug/l

RT: 2.57 min Scan# 249

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

Instrument :

MSVOA_N

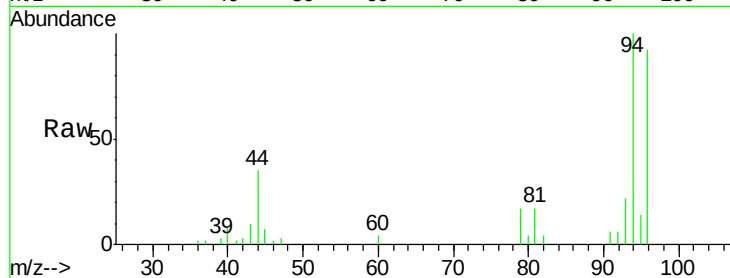
ClientSampled :

Tot Ion: 94 Resp: 18364

Ion Ratio Lower Upper

94 100

96 92.1 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

10000

8000

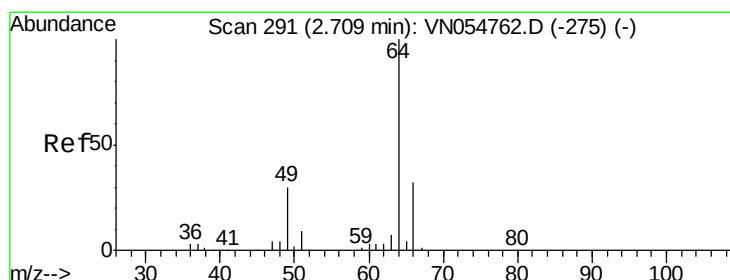
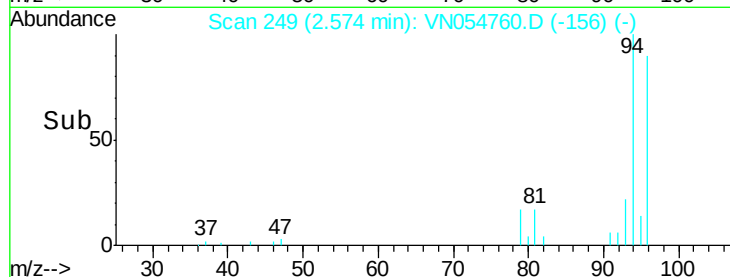
6000

4000

2000

0

Time-->



#6

Chloroethane

Concen: 5.02 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN054760.D

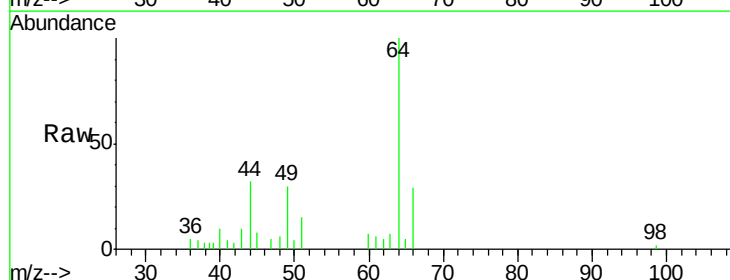
Acq: 29 Mar 2019 10:27

Tgt Ion: 64 Resp: 16018

Ion Ratio Lower Upper

64 100

66 29.1 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.71

8000

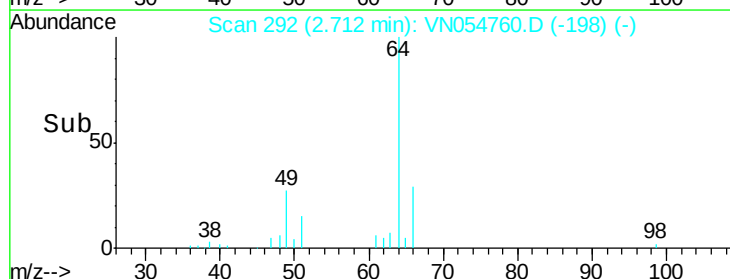
6000

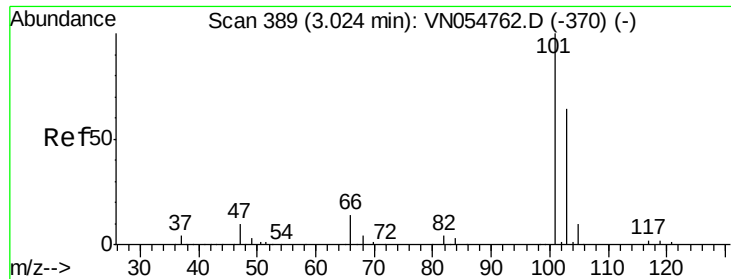
4000

2000

0

Time-->



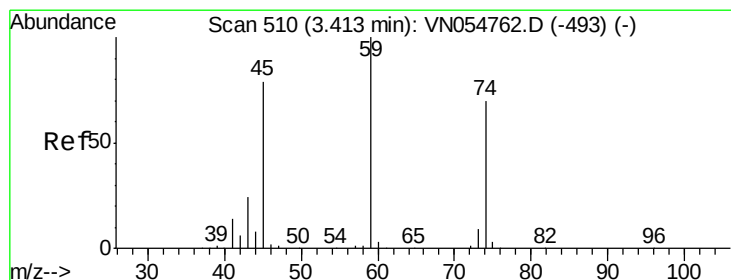
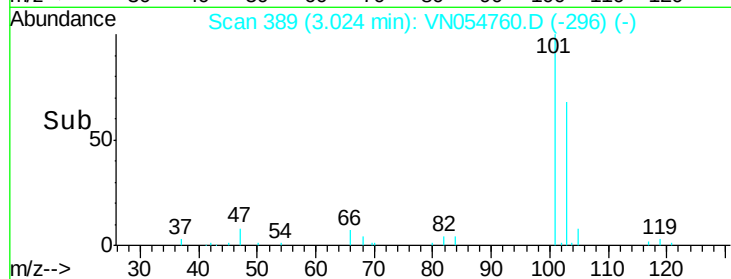
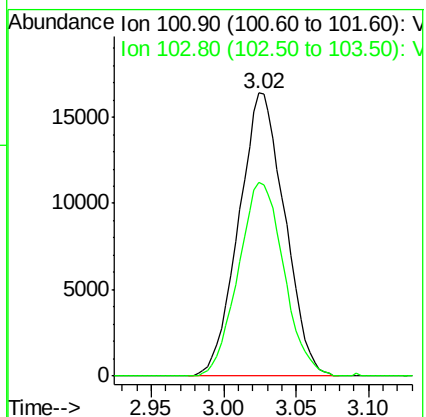
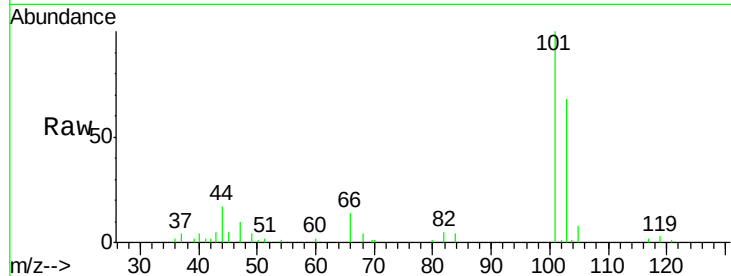


#7

Trichlorofluoromethane
Concen: 5.15 ug/l
RT: 3.02 min Scan# 389
Delta R.T. -0.00 min
Lab File: VN054760.D
Acq: 29 Mar 2019 10:27

Instrument :
MSVOA_N
ClientSampled :

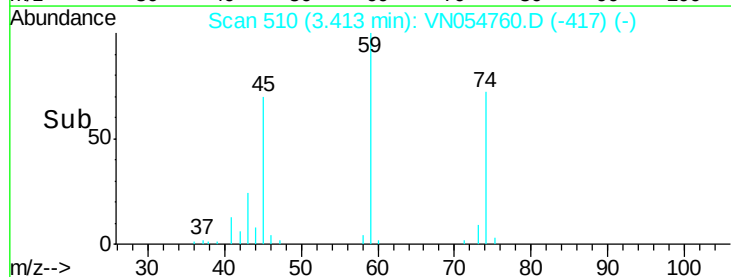
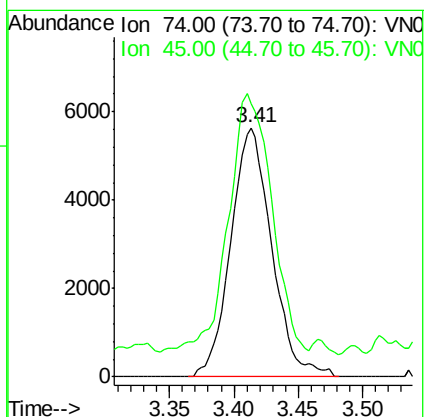
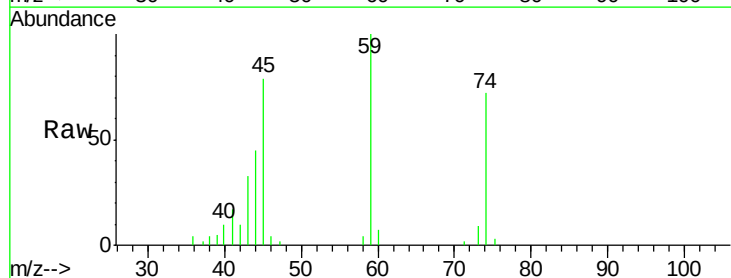
Tot Ion:101 Resp: 36191
Ion Ratio Lower Upper
101 100
103 68.3 51.4 77.2

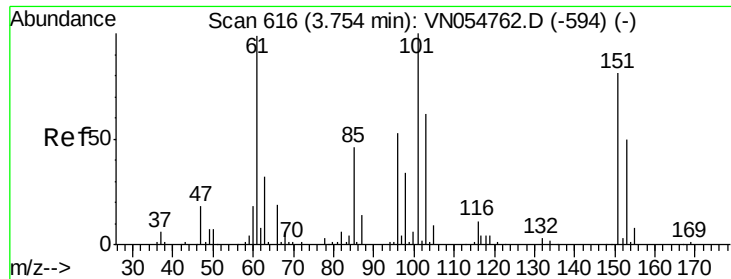


#8

Diethyl Ether
Concen: 5.48 ug/l
RT: 3.41 min Scan# 510
Delta R.T. -0.00 min
Lab File: VN054760.D
Acq: 29 Mar 2019 10:27

Tgt Ion: 74 Resp: 12413
Ion Ratio Lower Upper
74 100
45 111.8 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.46 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

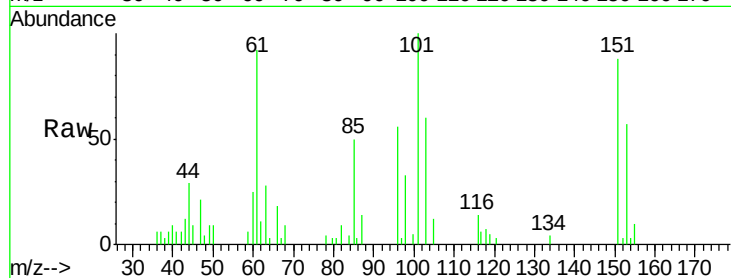
Tot Ion:101 Resp: 18972

Ion Ratio Lower Upper

101 100

85 47.9 32.4 48.6

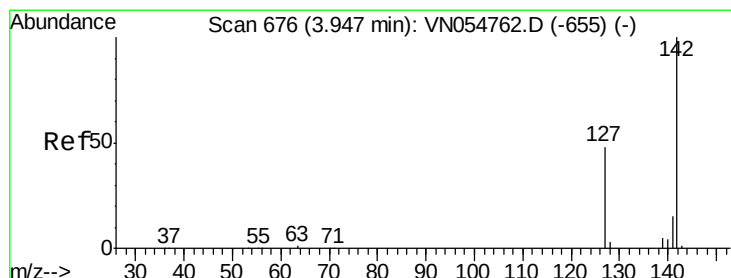
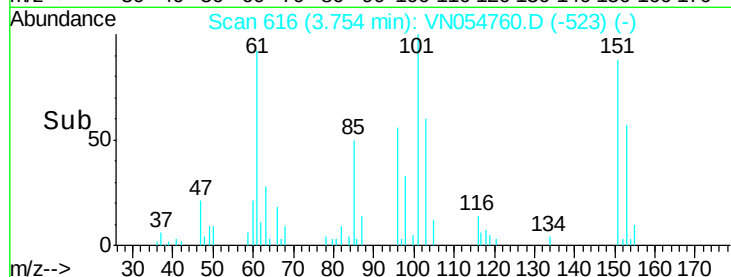
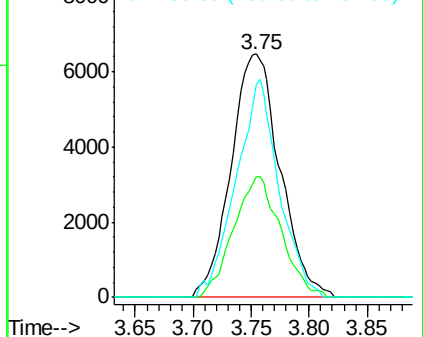
151 78.7 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.88 ug/l

RT: 3.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

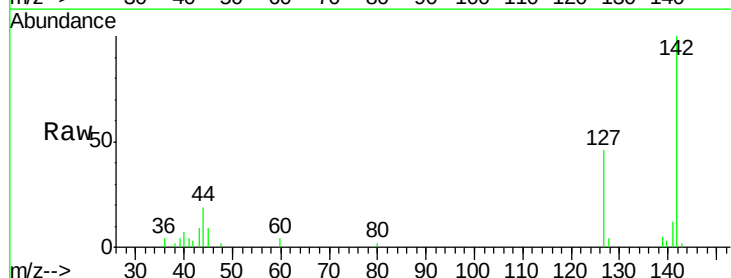
Tgt Ion:142 Resp: 24749

Ion Ratio Lower Upper

142 100

127 45.1 30.3 45.5

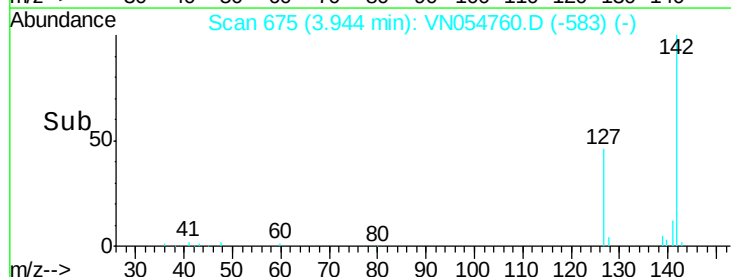
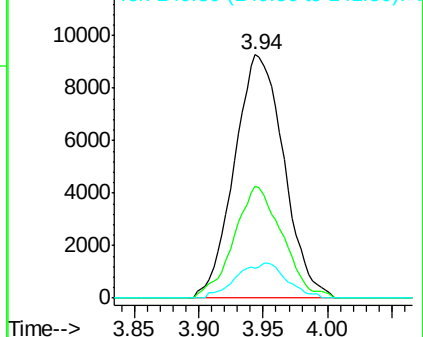
141 14.7 11.2 16.8

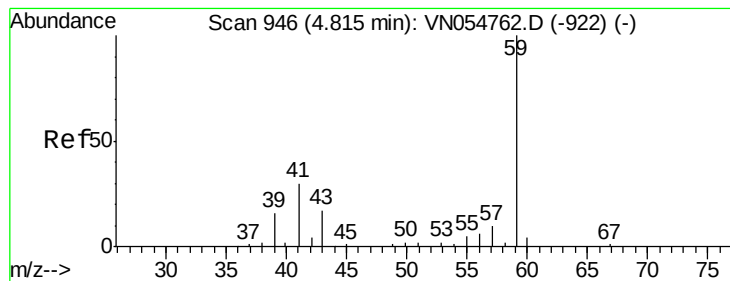


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



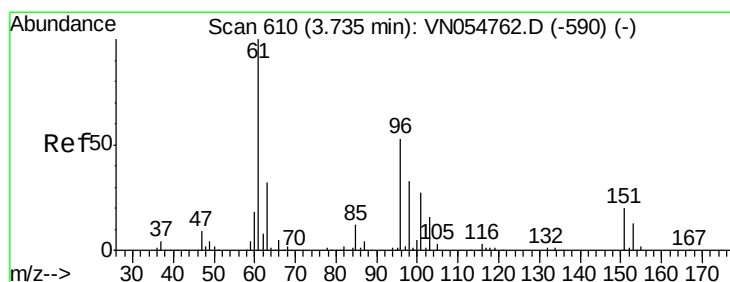
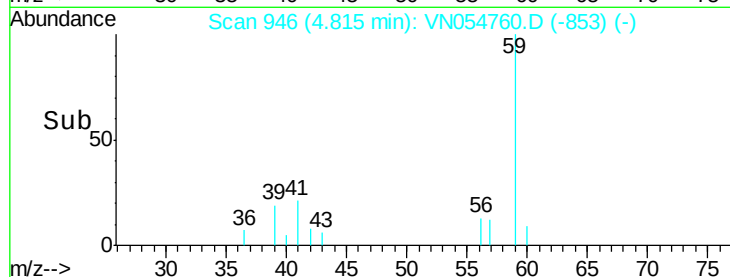
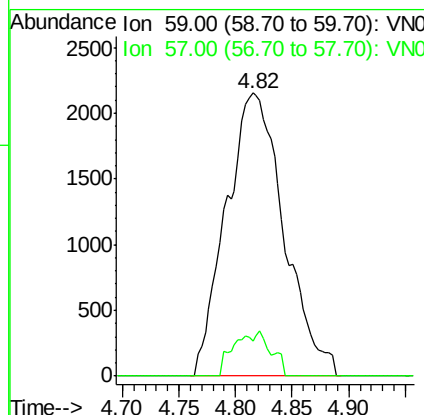
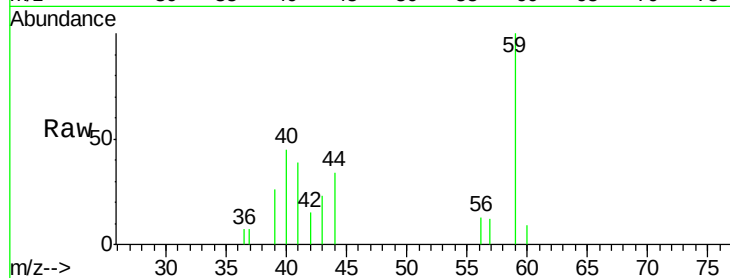


#11

Tert butyl alcohol
 Concen: 23.70 ug/l
 RT: 4.82 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: VN054760.D
 Acq: 29 Mar 2019 10:27

Instrument :
 MSVOA_N
 ClientSampled :

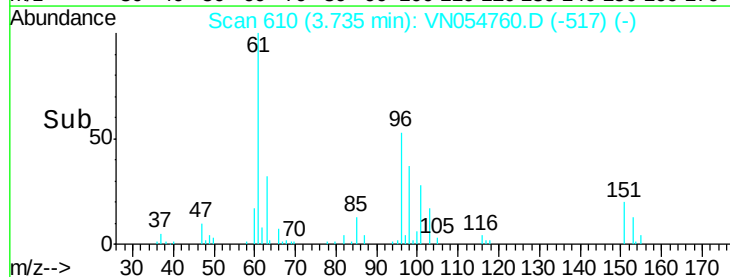
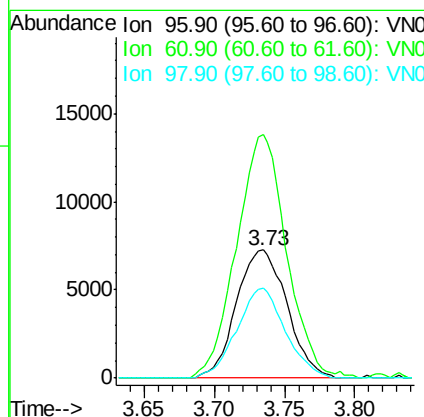
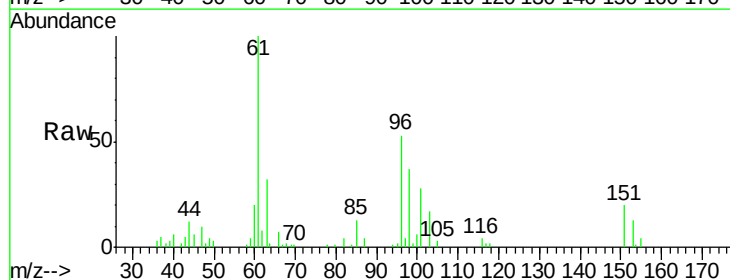
Tot Ion: 59 Resp: 7658
 Ion Ratio Lower Upper
 59 100
 57 5.6 9.0 13.6#

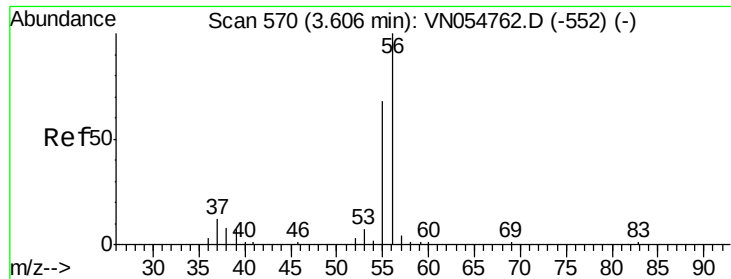


#12

1,1-Dichloroethene
 Concen: 5.09 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: VN054760.D
 Acq: 29 Mar 2019 10:27

Tgt Ion: 96 Resp: 18233
 Ion Ratio Lower Upper
 96 100
 61 189.8 116.5 174.7#
 98 69.9 51.0 76.4





#13

Acrolein

Concen: 21.15 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

Instrument :

MSVOA_N

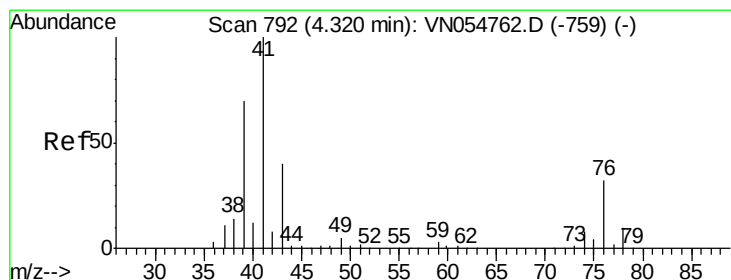
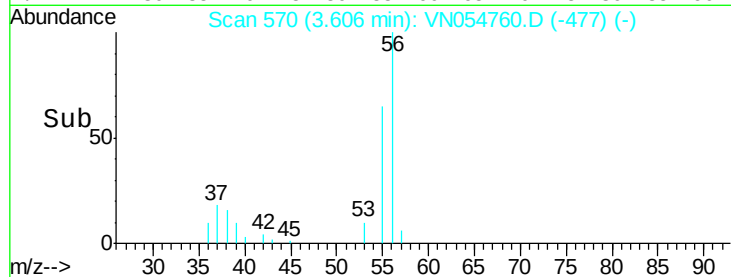
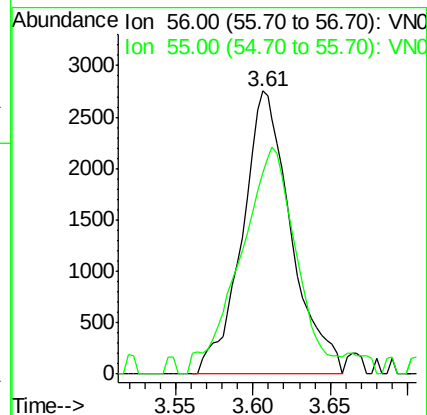
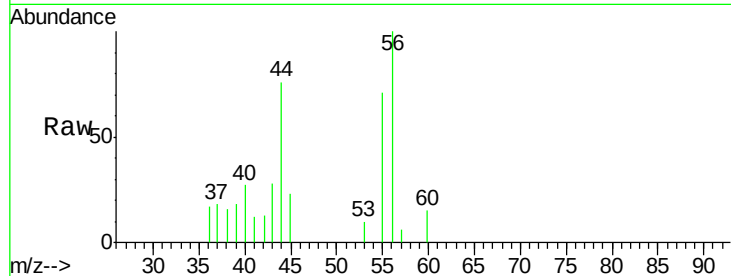
ClientSampleId :

Tot Ion: 56 Resp: 6049

Ion Ratio Lower Upper

56 100

55 91.7 56.7 85.1#



#14

Allyl chloride

Concen: 4.43 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

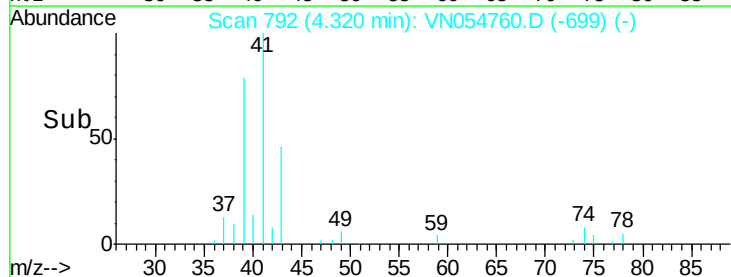
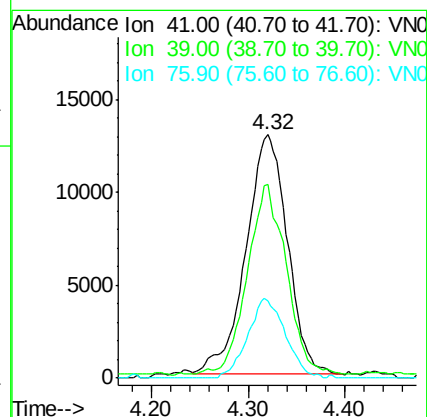
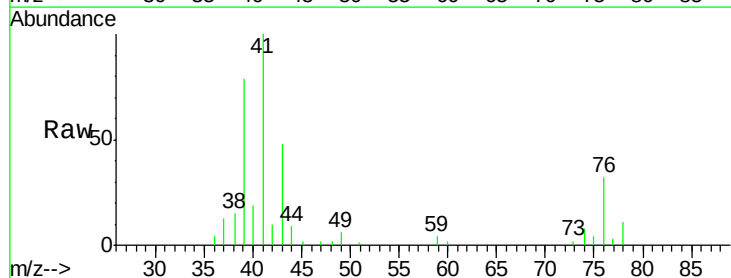
Tgt Ion: 41 Resp: 38701

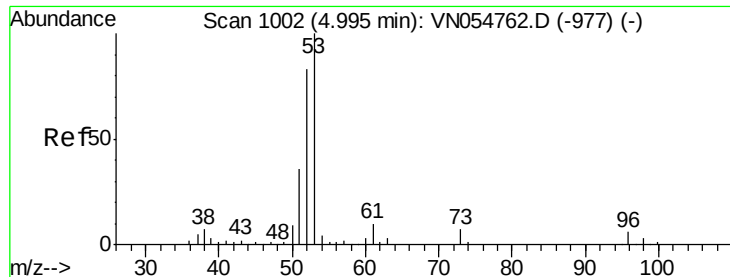
Ion Ratio Lower Upper

41 100

39 73.2 58.2 87.4

76 29.9 31.7 47.5#





#15

Acrylonitrile

Concen: 23.53 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

Instrument :

MSVOA_N

ClientSampled :

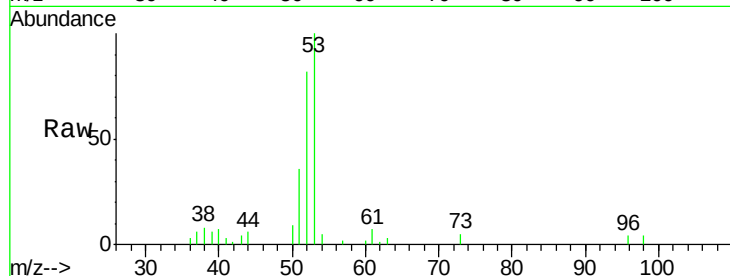
Tot Ion: 53 Resp: 41839

Ion Ratio Lower Upper

53 100

52 86.2 66.4 99.6

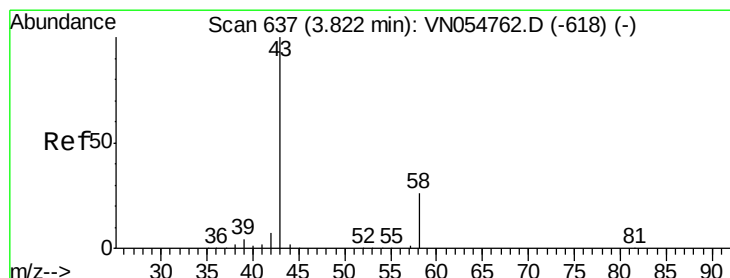
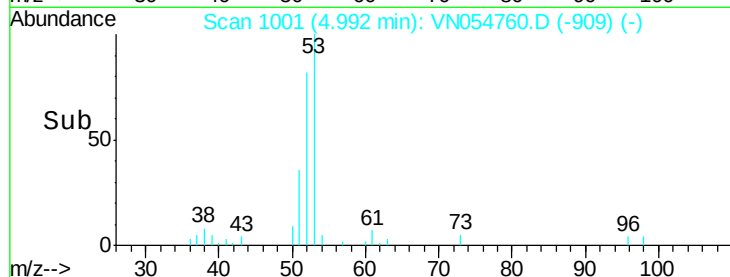
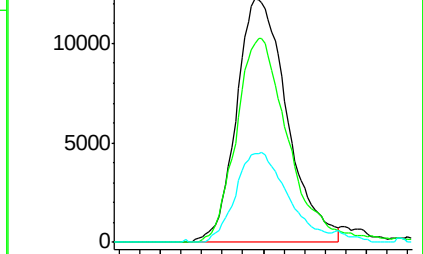
51 37.6 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VN054760.D (-977) (-)

Ion 52.00 (51.70 to 52.70): VN054760.D (-977) (-)

Ion 51.00 (50.70 to 51.70): VN054760.D (-977) (-)



#16

Acetone

Concen: 24.65 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN054760.D

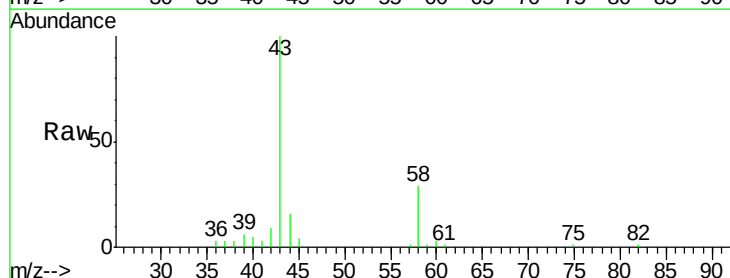
Acq: 29 Mar 2019 10:27

Tgt Ion: 43 Resp: 36084

Ion Ratio Lower Upper

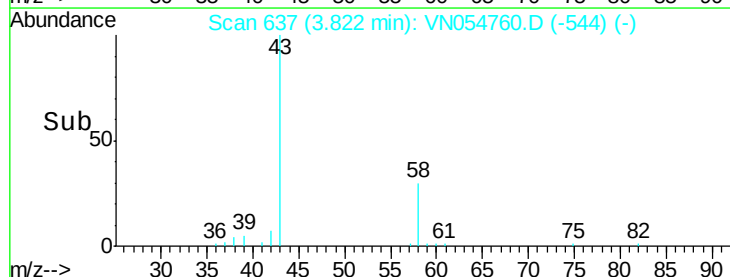
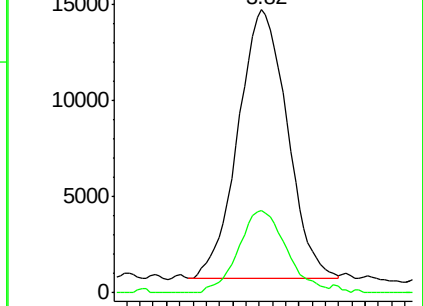
43 100

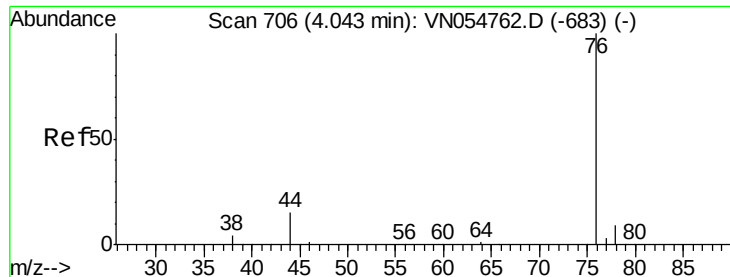
58 30.7 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN054760.D (-544) (-)

Ion 58.00 (57.70 to 58.70): VN054760.D (-544) (-)

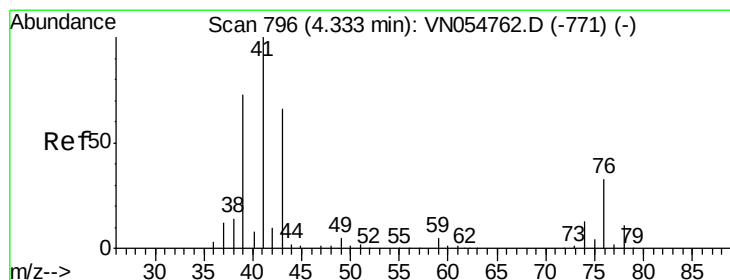
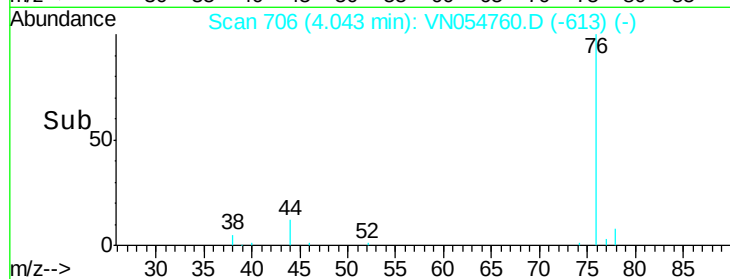
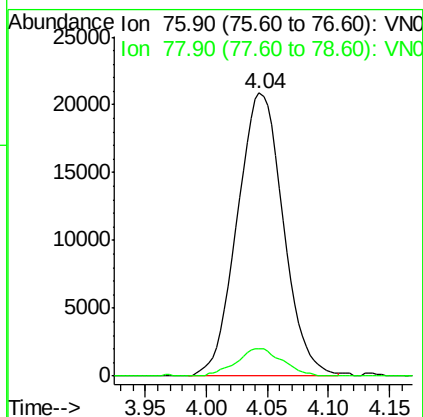
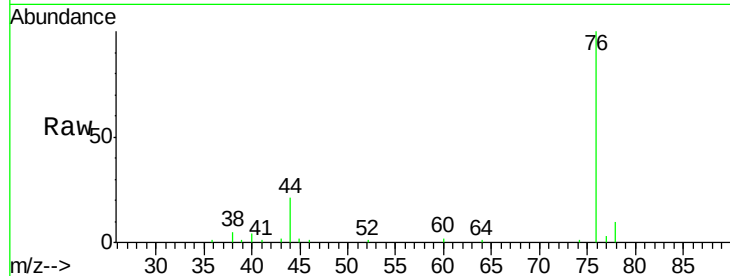




#17
Carbon Disulfide
Concen: 4.70 ug/l
RT: 4.04 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN054760.D
Acq: 29 Mar 2019 10:27

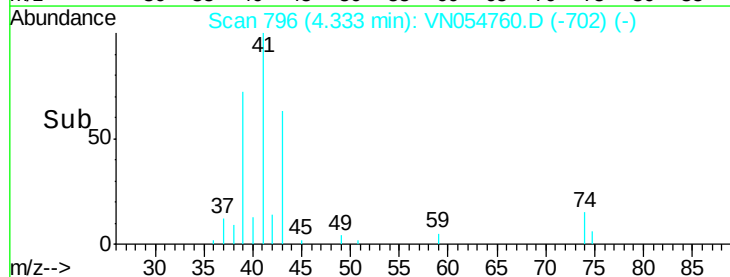
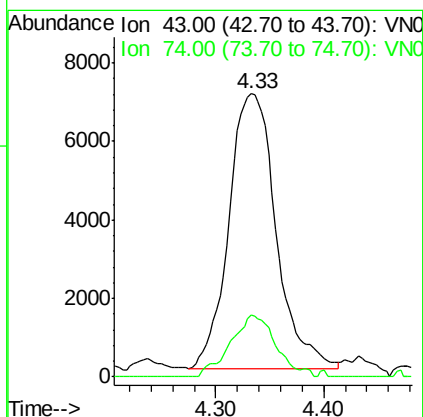
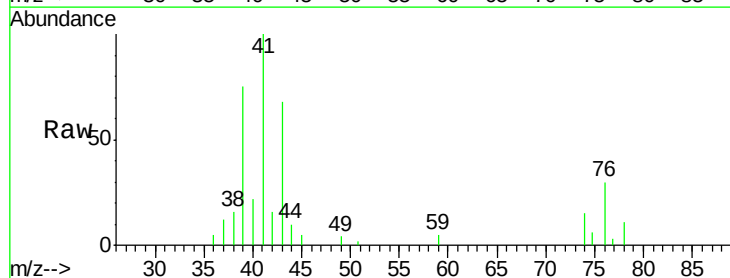
Instrument :
MSVOA_N
ClientSampleId :

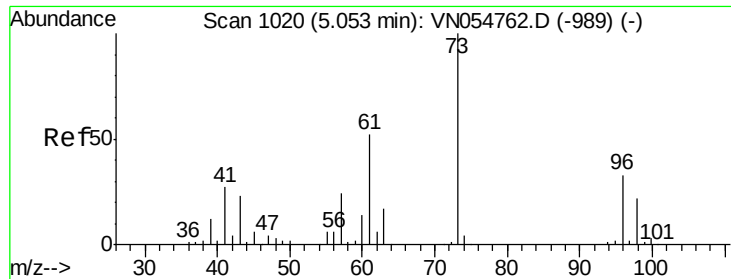
Tot Ion: 76 Resp: 54555
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3



#18
Methyl Acetate
Concen: 4.78 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN054760.D
Acq: 29 Mar 2019 10:27

Tgt Ion: 43 Resp: 21396
Ion Ratio Lower Upper
43 100
74 21.0 20.8 31.2

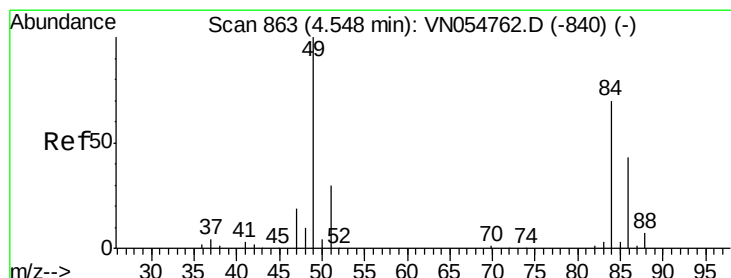
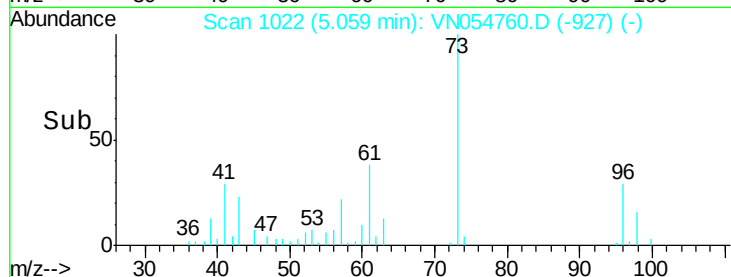
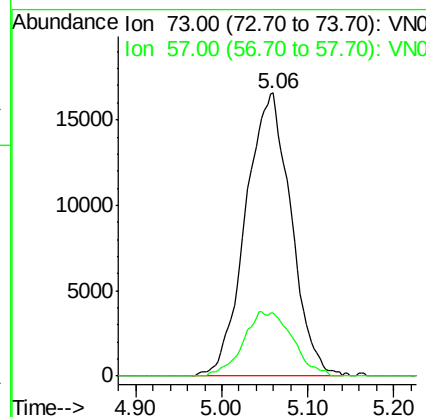
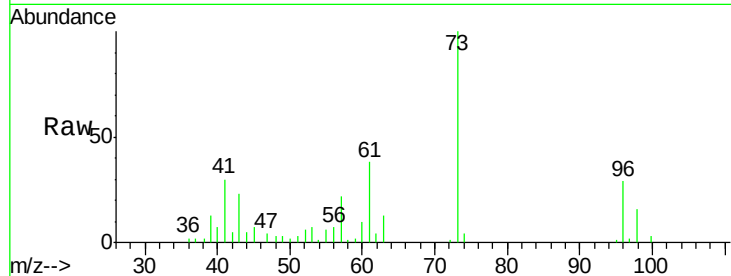




#19
Methyl tert-butyl Ether
Concen: 4.85 ug/l
RT: 5.06 min Scan# 1022
Delta R.T. 0.01 min
Lab File: VN054760.D
Acq: 29 Mar 2019 10:27

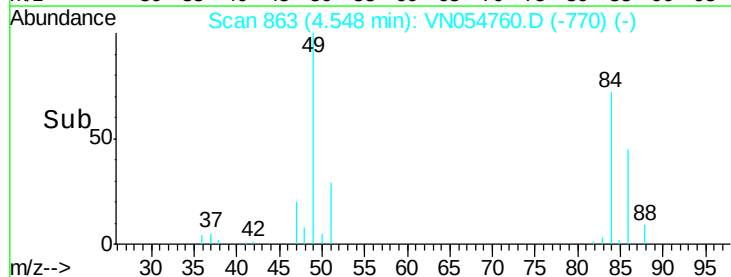
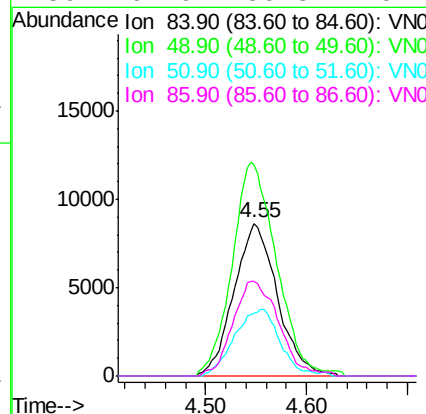
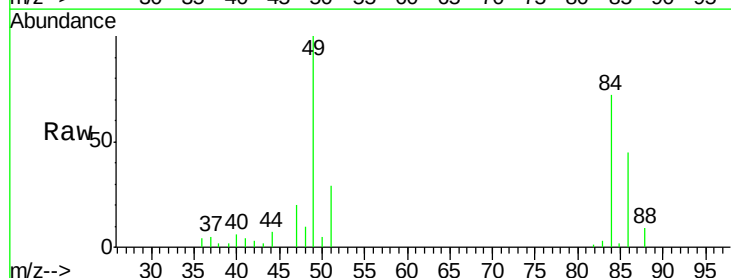
Instrument :
MSVOA_N
ClientSampled :

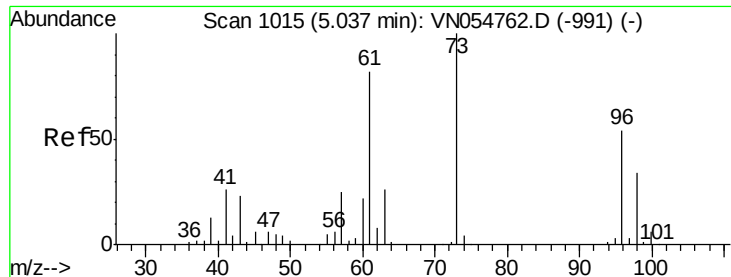
Tot Ion: 73 Resp: 60792
Ion Ratio Lower Upper
73 100
57 22.2 16.8 25.2



#20
Methylene Chloride
Concen: 5.00 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN054760.D
Acq: 29 Mar 2019 10:27

Tgt Ion: 84 Resp: 25810
Ion Ratio Lower Upper
84 100
49 139.0 89.7 134.5#
51 40.9 28.2 42.4
86 61.9 50.8 76.2

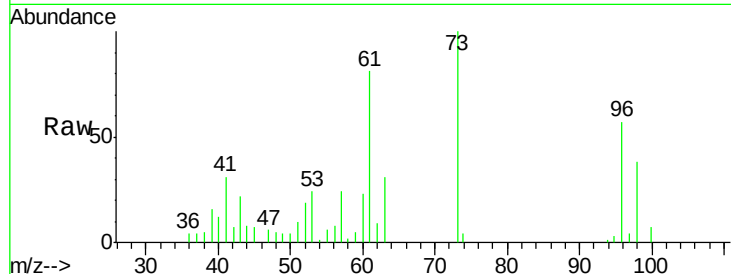




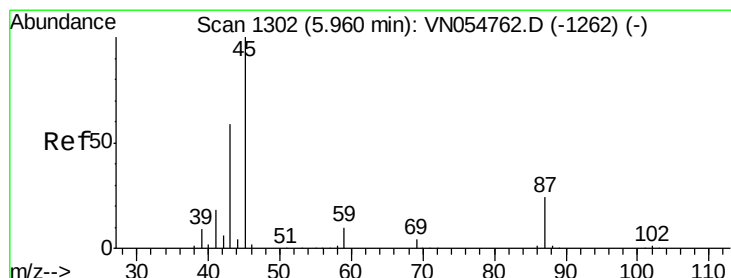
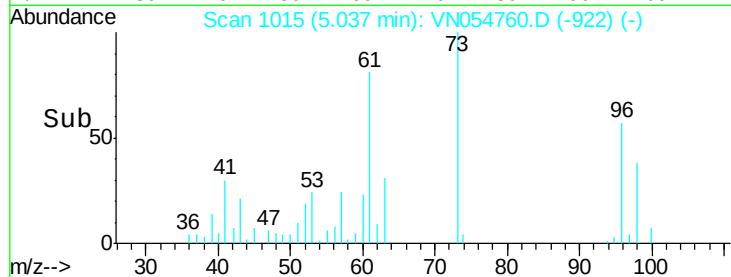
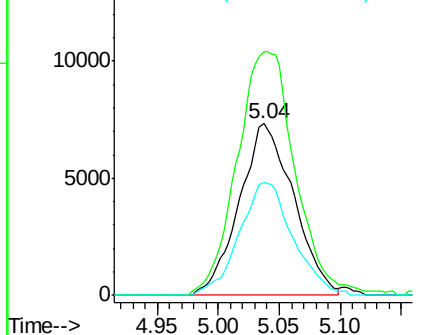
#21
trans-1,2-Dichloroethene
Concen: 4.81 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VN054760.D
Acq: 29 Mar 2019 10:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 22635
Ion Ratio Lower Upper
96 100
61 142.1 102.8 154.2
98 65.8 50.0 75.0

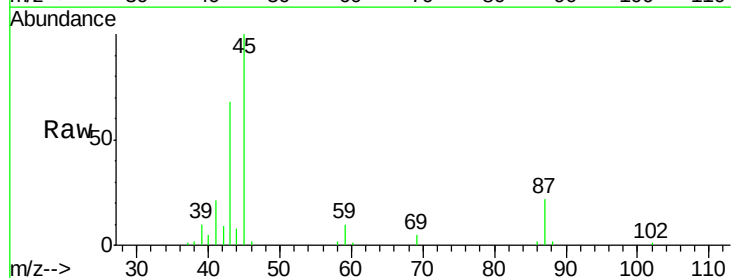


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

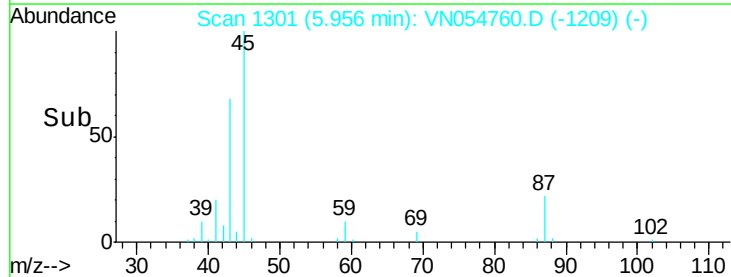
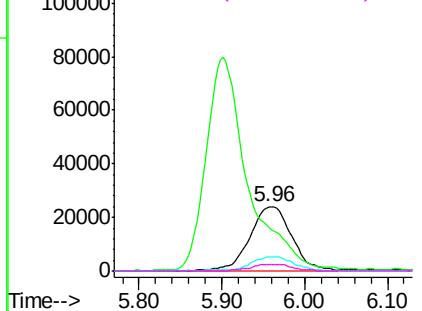


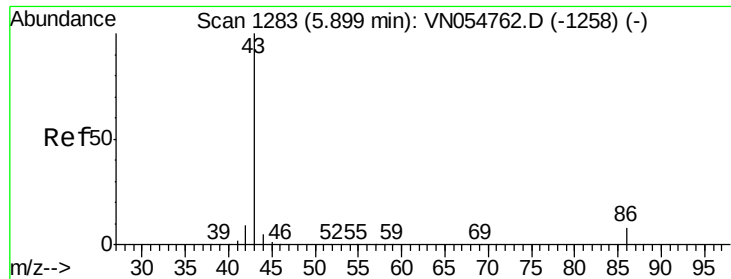
#22
Diisopropyl ether
Concen: 4.86 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VN054760.D
Acq: 29 Mar 2019 10:27

Tgt Ion: 45 Resp: 84677
Ion Ratio Lower Upper
45 100
43 63.2 48.2 72.2
87 21.0 24.9 37.3#
59 9.9 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 23.43 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

Instrument :

MSVOA_N

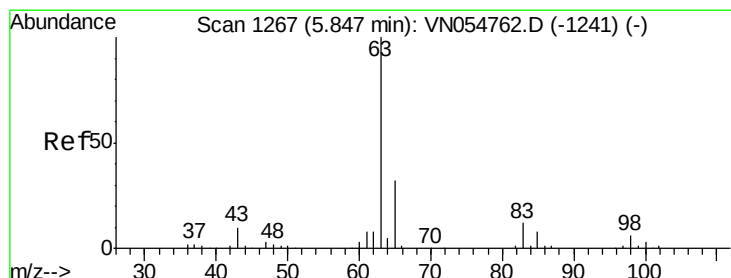
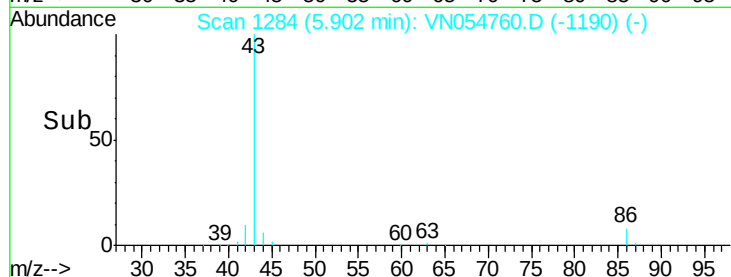
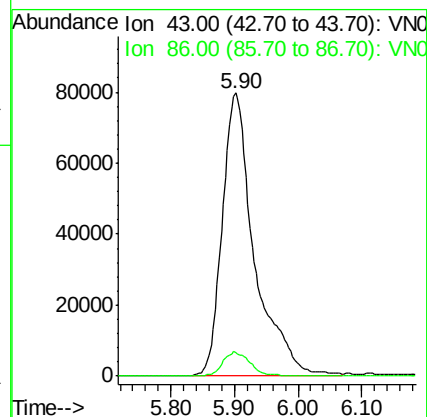
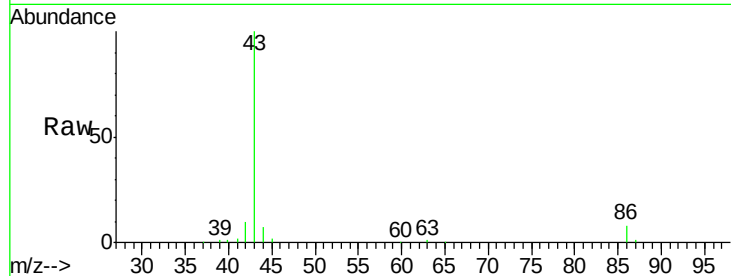
ClientSampleId :

Tot Ion: 43 Resp: 277635

Ion Ratio Lower Upper

43 100

86 8.4 9.1 13.7#



#24

1,1-Dichloroethane

Concen: 5.02 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

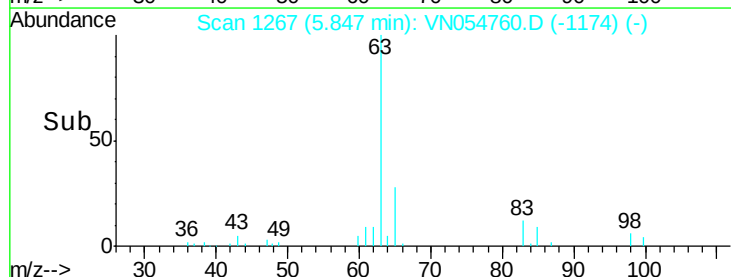
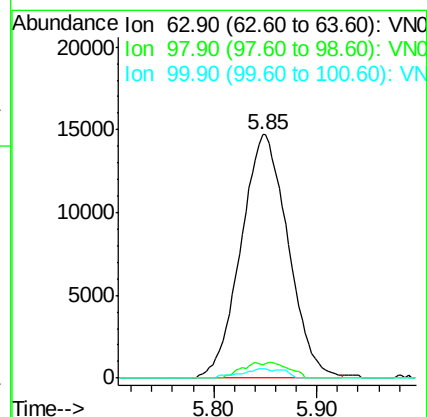
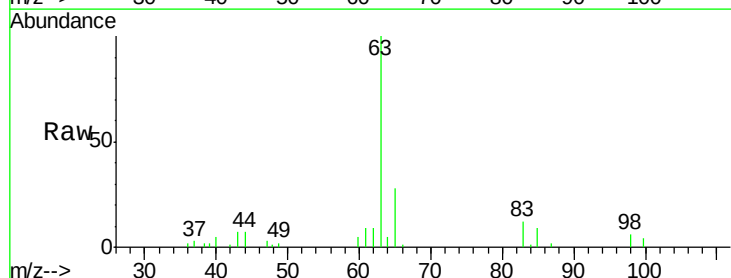
Tgt Ion: 63 Resp: 46697

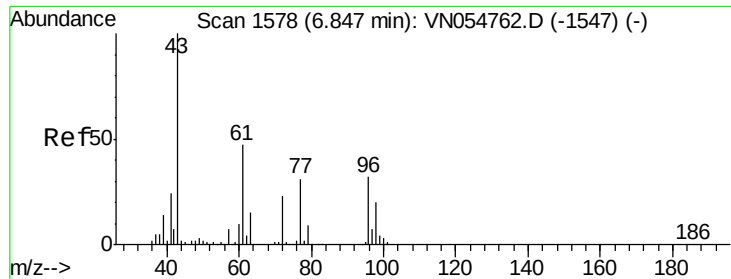
Ion Ratio Lower Upper

63 100

98 5.6 3.5 10.5

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 25.24 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

Instrument :

MSVOA_N

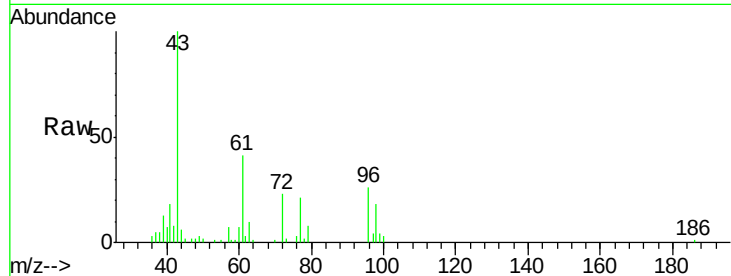
ClientSampleId :

Tot Ion: 43 Resp: 54612

Ion Ratio Lower Upper

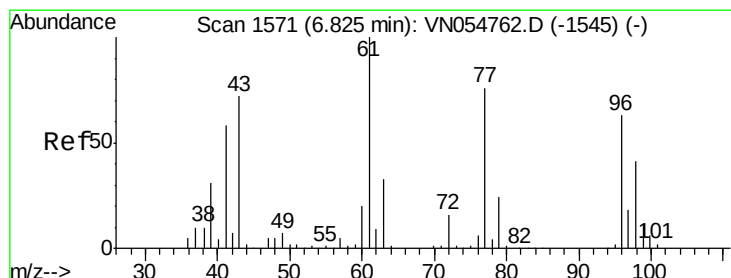
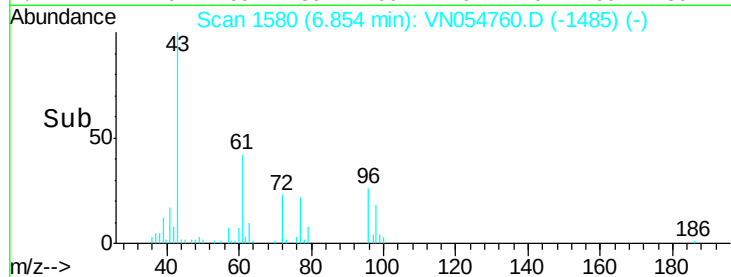
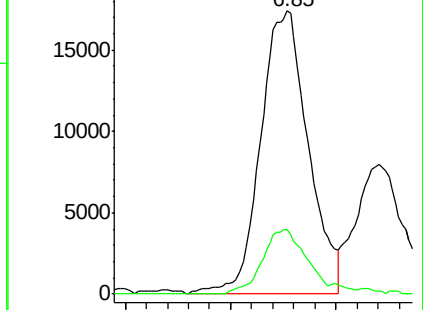
43 100

72 22.9 23.0 34.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 4.96 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN054760.D

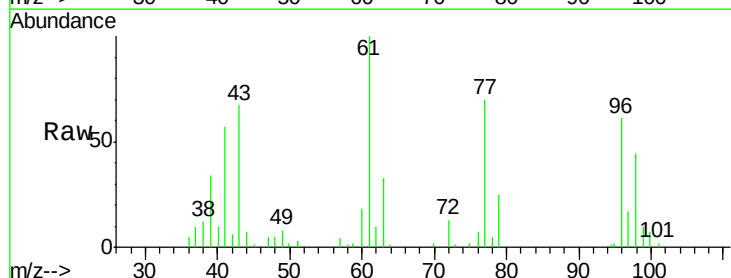
Acq: 29 Mar 2019 10:27

Tgt Ion: 77 Resp: 32329

Ion Ratio Lower Upper

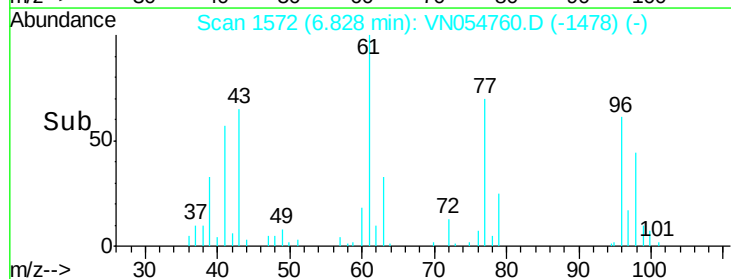
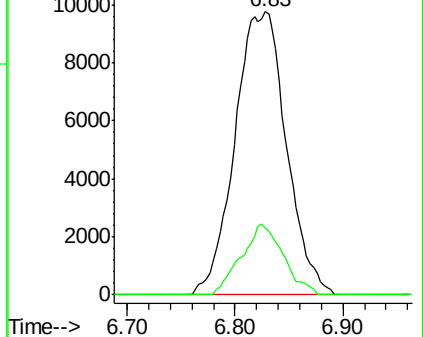
77 100

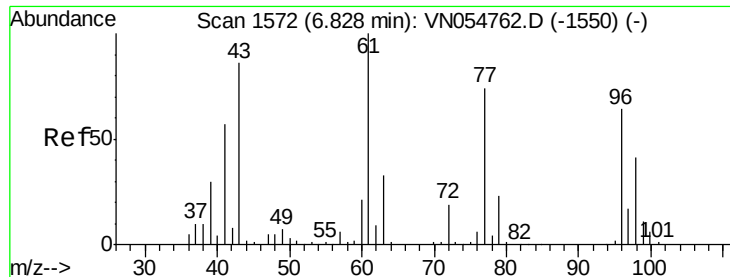
97 20.4 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 4.80 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

Instrument :

MSVOA_N

ClientSampled :

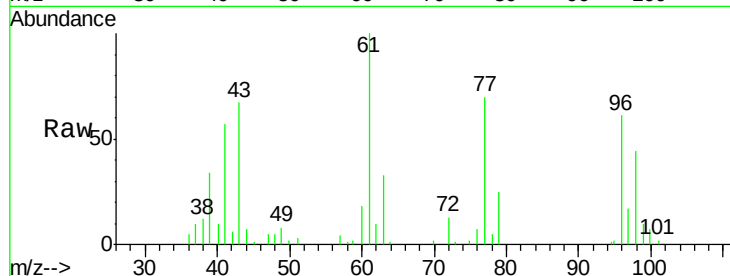
Tot Ion: 96 Resp: 25514

Ion Ratio Lower Upper

96 100

61 163.8 0.0 273.0

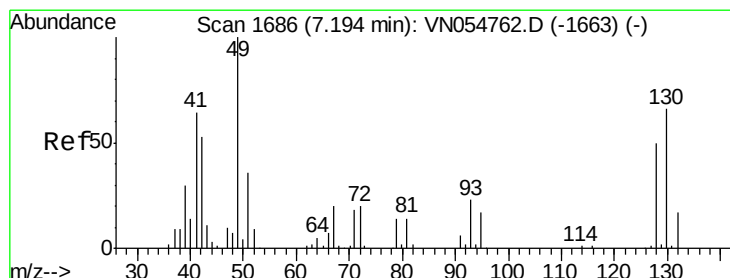
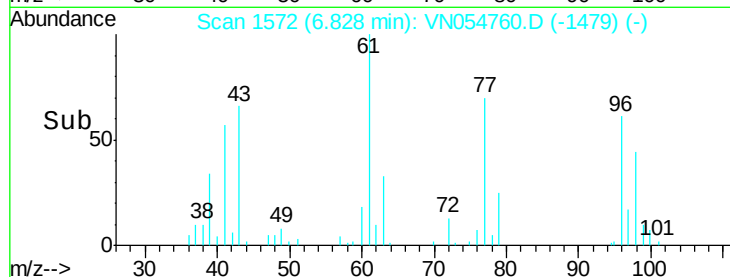
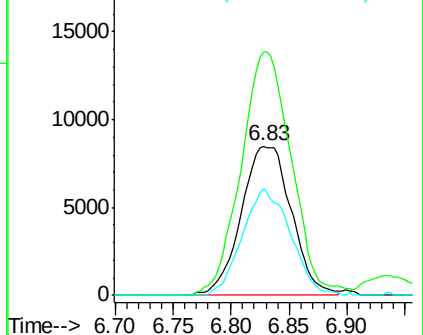
98 68.5 0.0 130.6



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



#28

Bromochloromethane

Concen: 4.90 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

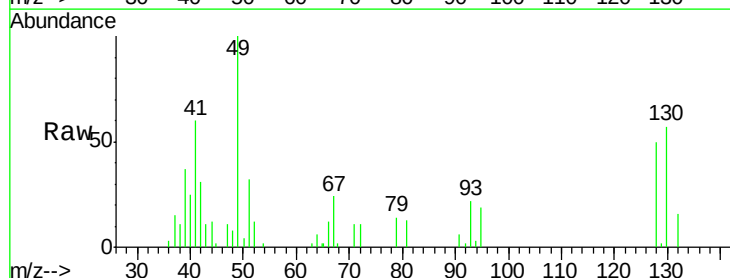
Tgt Ion: 49 Resp: 22803

Ion Ratio Lower Upper

49 100

129 0.9 0.0 4.6

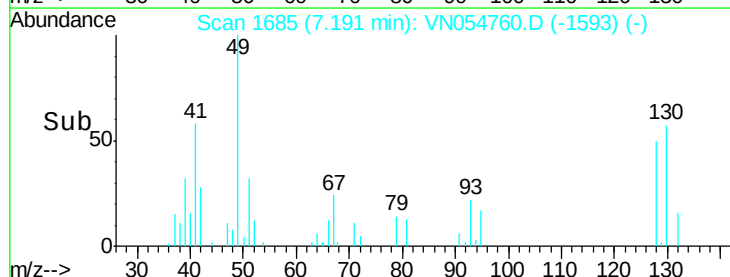
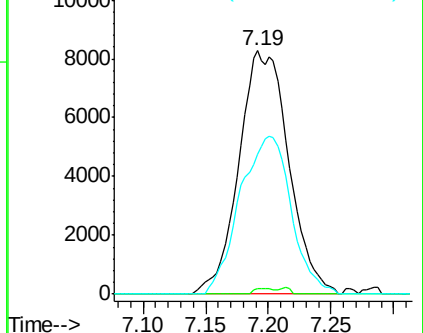
130 66.8 76.7 115.1#

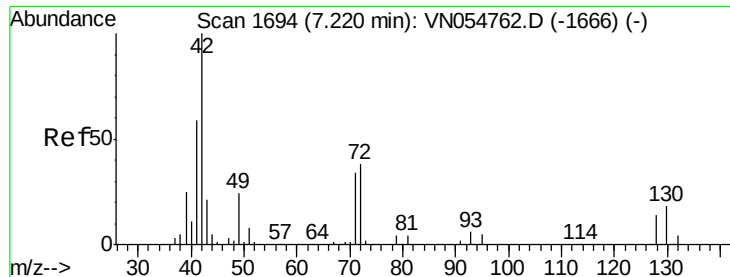


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

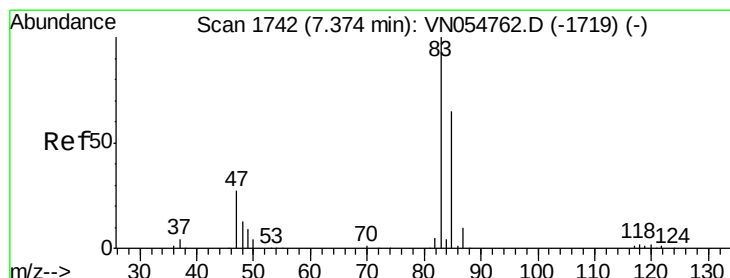
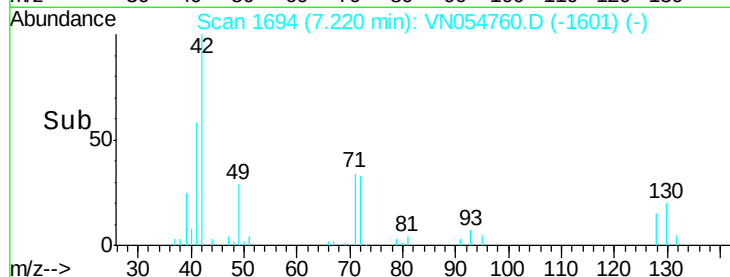
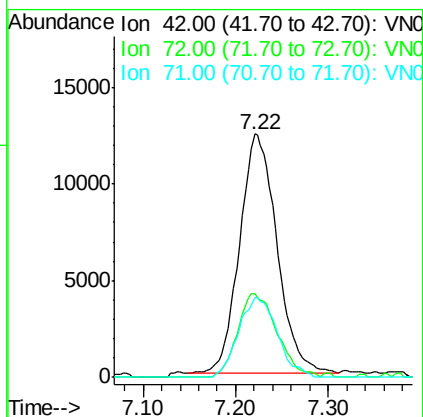
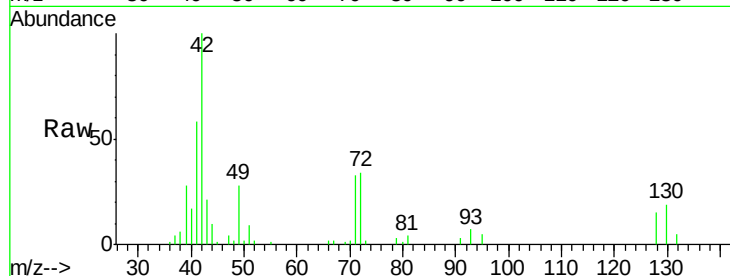




#29
Tetrahydrofuran
Concen: 22.94 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. -0.00 min
Lab File: VN054760.D
Acq: 29 Mar 2019 10:27

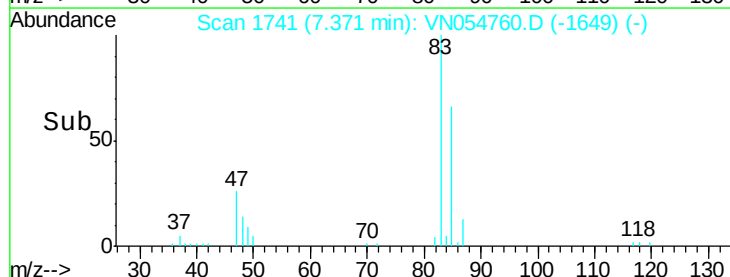
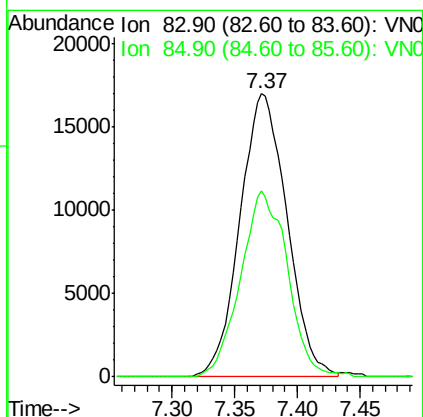
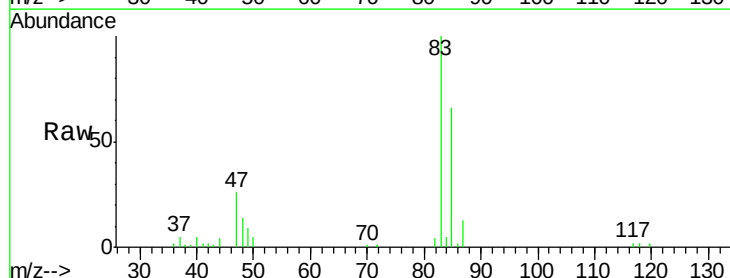
Instrument :
MSVOA_N
ClientSampled :

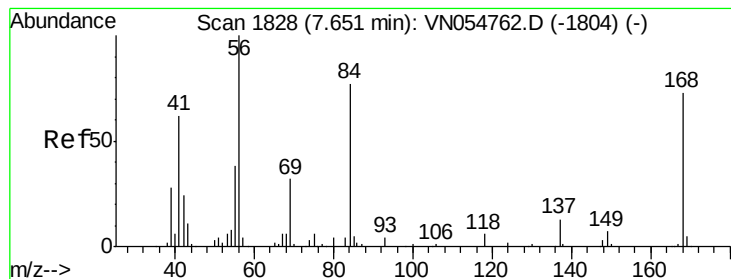
Tot Ion: 42 Resp: 34528
Ion Ratio Lower Upper
42 100
72 36.8 37.8 56.6#
71 34.6 36.2 54.2#



#30
Chloroform
Concen: 5.00 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN054760.D
Acq: 29 Mar 2019 10:27

Tgt Ion: 83 Resp: 44332
Ion Ratio Lower Upper
83 100
85 65.9 52.2 78.4





#31

Cyclohexane

Concen: 4.28 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

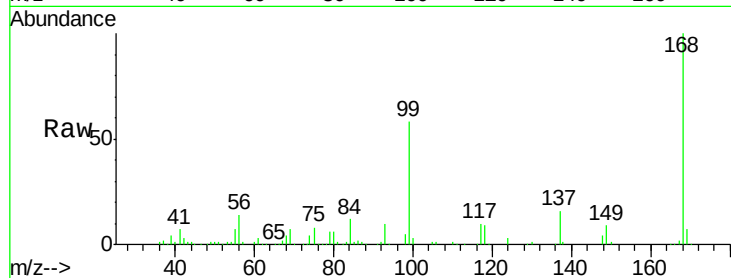
Tot Ion: 56 Resp: 52223

Ion Ratio Lower Upper

56 100

69 49.6 27.8 41.6#

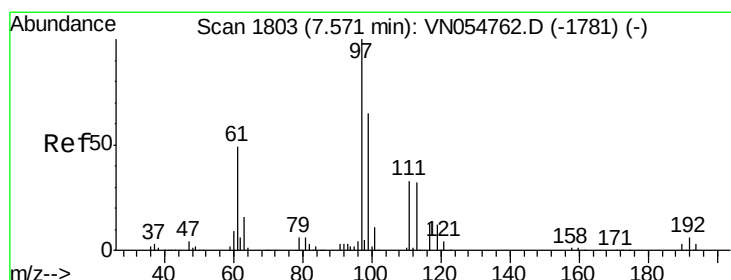
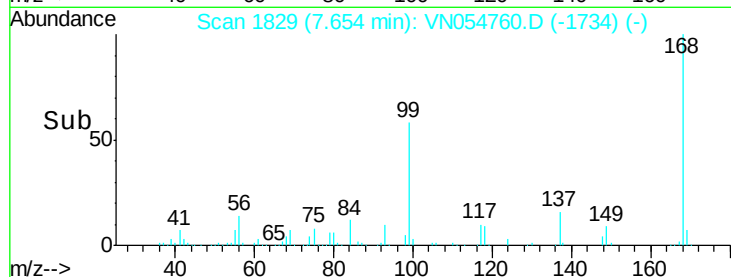
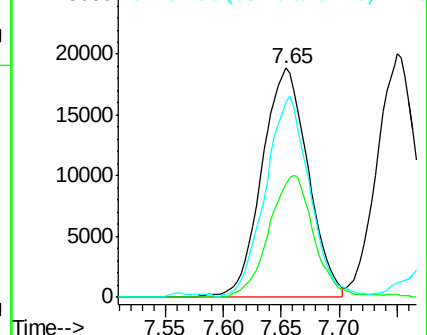
84 84.2 74.6 111.8



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



#32

1,1,1-Trichloroethane

Concen: 4.67 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

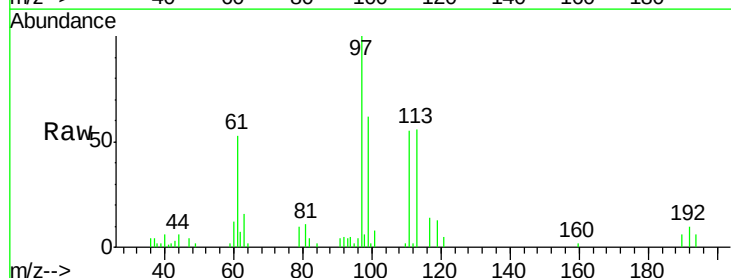
Tgt Ion: 97 Resp: 34308

Ion Ratio Lower Upper

97 100

99 65.2 51.5 77.3

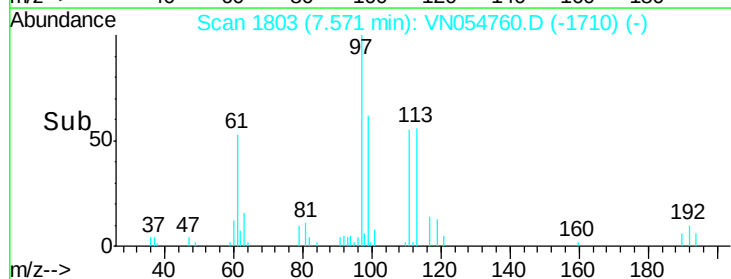
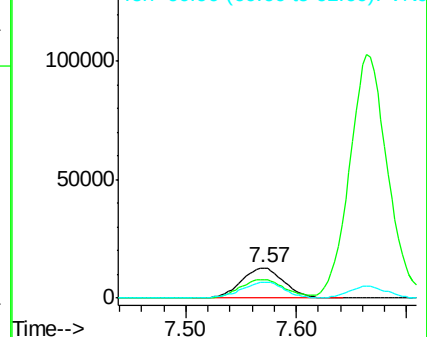
61 53.0 33.6 50.4#

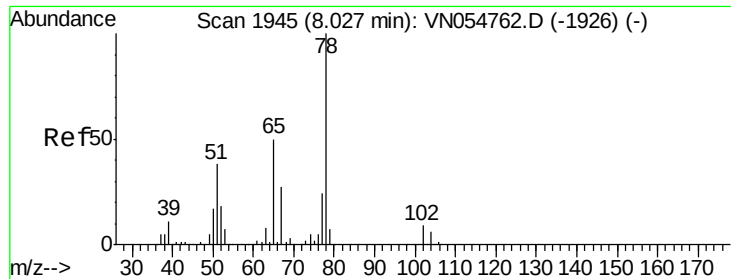


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 8.20 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

Instrument :

MSVOA_N

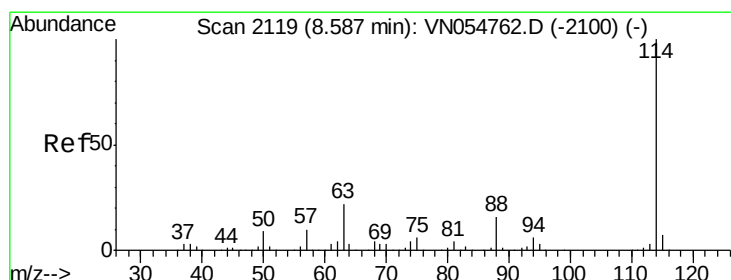
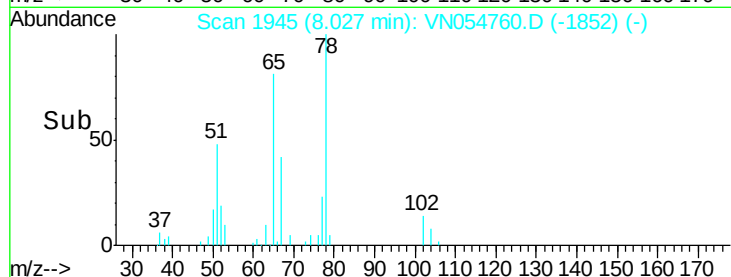
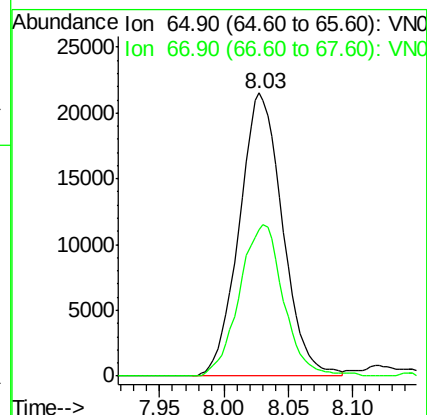
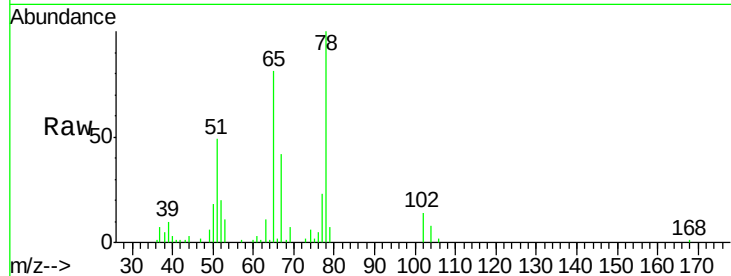
ClientSampleId :

Tot Ion: 65 Resp: 50323

Ion Ratio Lower Upper

65 100

67 54.4 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

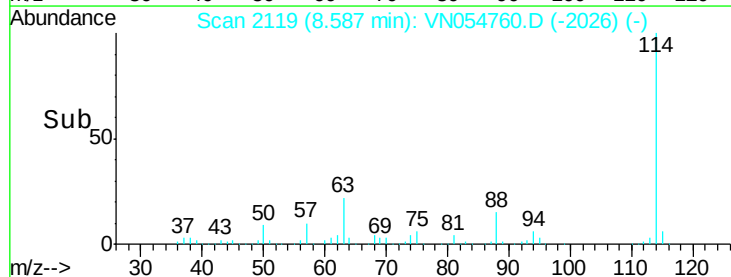
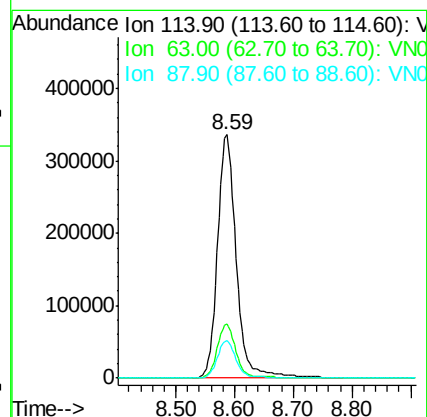
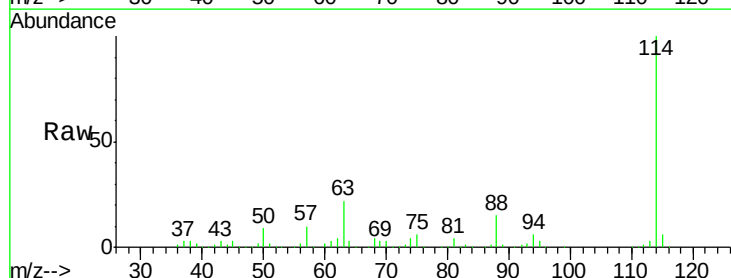
Tgt Ion: 114 Resp: 745038

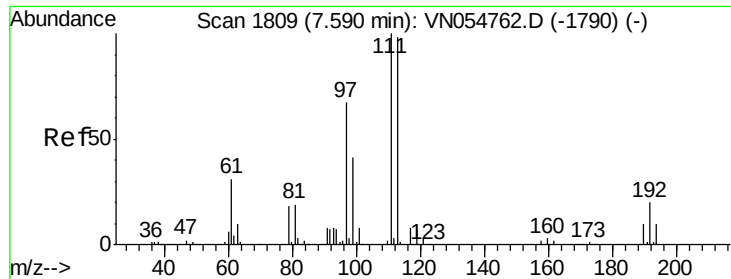
Ion Ratio Lower Upper

114 100

63 22.2 0.0 35.2

88 15.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 8.25 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

Instrument :
MSVOA_N
ClientSampleId :

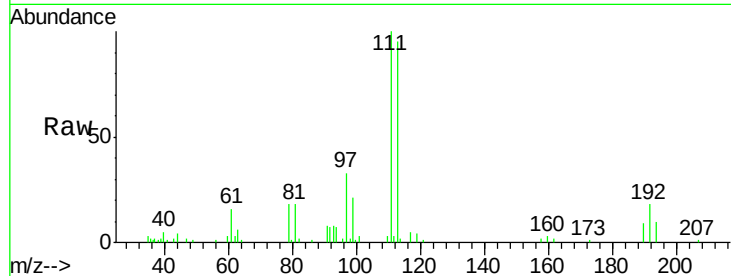
Tot Ion:113 Resp: 40990

Ion Ratio Lower Upper

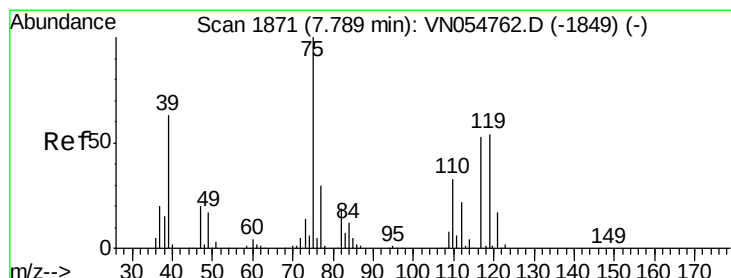
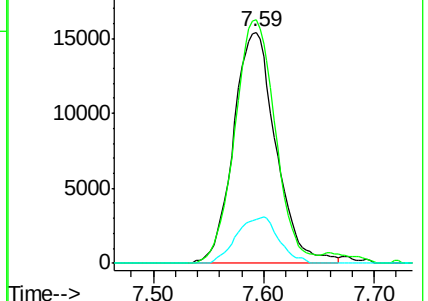
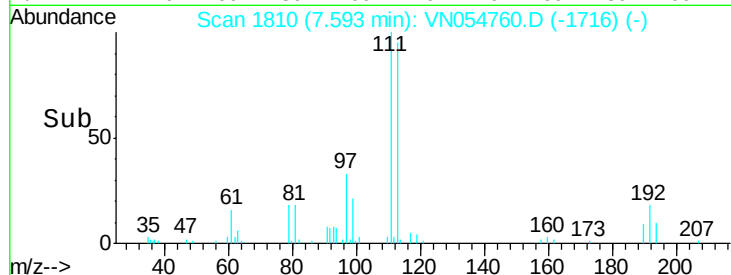
113 100

111 100.7 82.2 123.4

192 19.8 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: 4.65 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

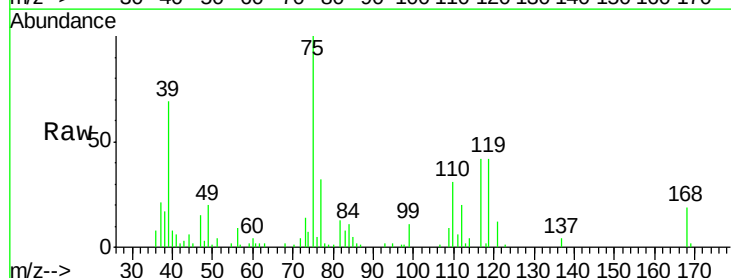
Tgt Ion: 75 Resp: 31607

Ion Ratio Lower Upper

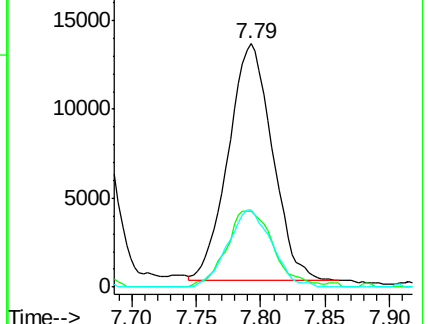
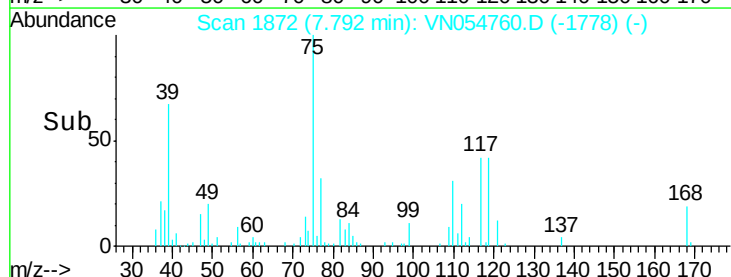
75 100

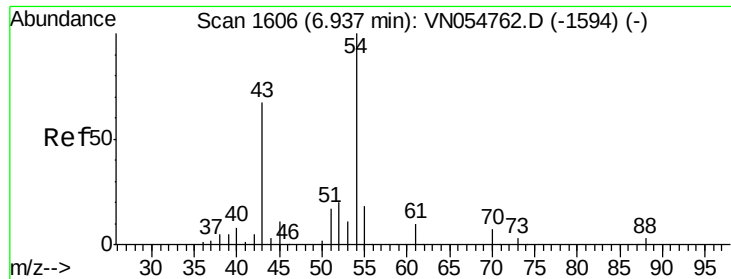
110 34.6 19.1 57.5

77 32.8 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VNO

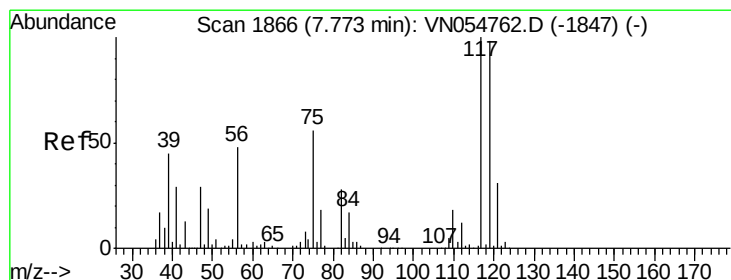
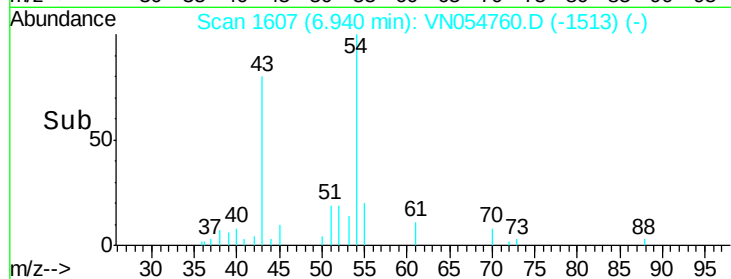
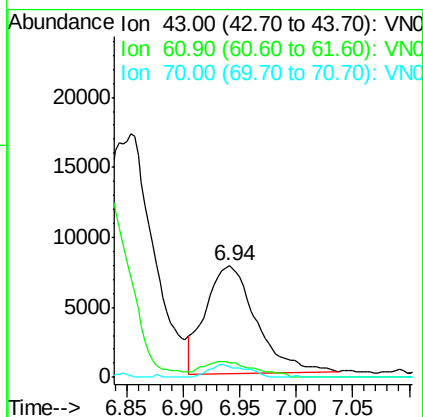
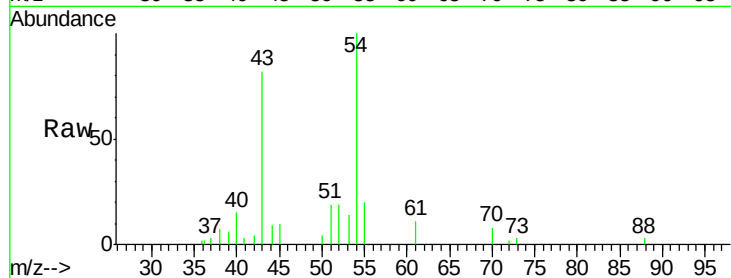




#37
Ethyl Acetate
Concen: 4.81 ug/l
RT: 6.94 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VN054760.D
Acq: 29 Mar 2019 10:27

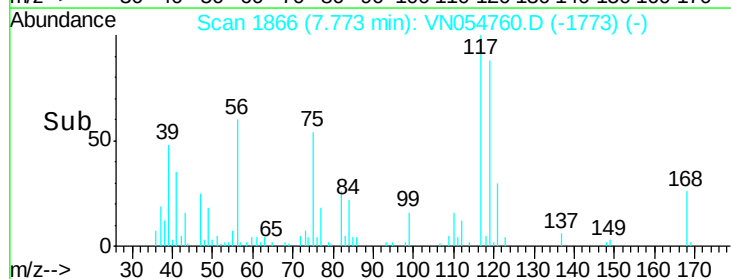
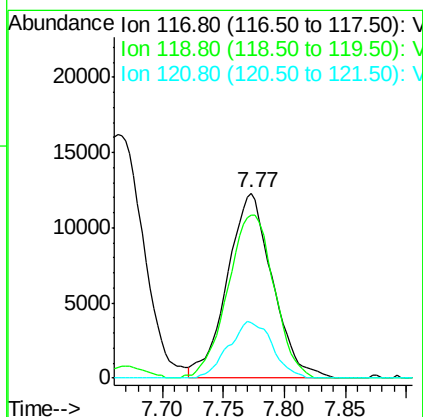
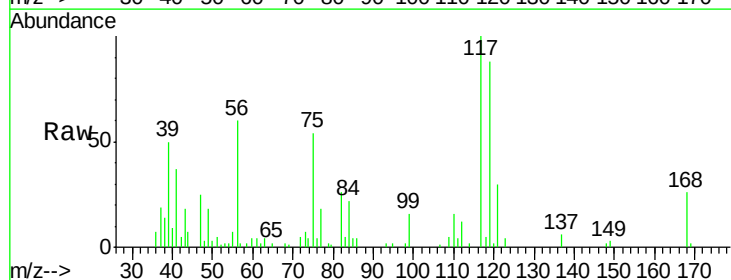
Instrument :
MSVOA_N
ClientSampled :

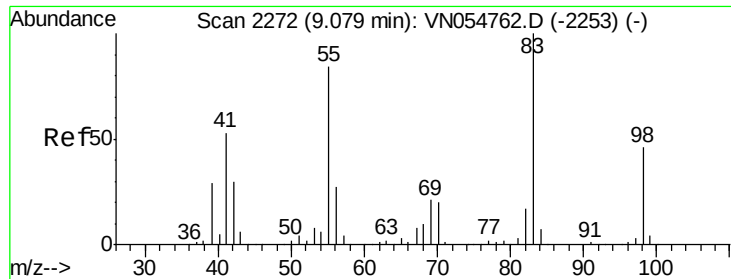
Tot Ion: 43 Resp: 24013
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.6
70 8.7 8.4 12.6



#38
Carbon Tetrachloride
Concen: 4.68 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN054760.D
Acq: 29 Mar 2019 10:27

Tgt Ion: 117 Resp: 31585
Ion Ratio Lower Upper
117 100
119 88.1 76.3 114.5
121 29.9 24.6 36.8

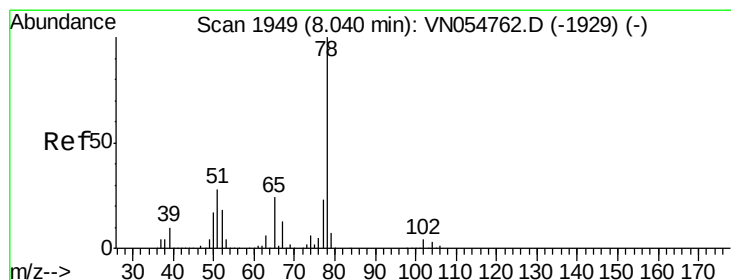
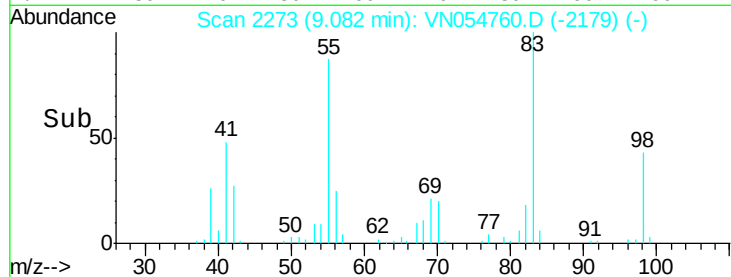
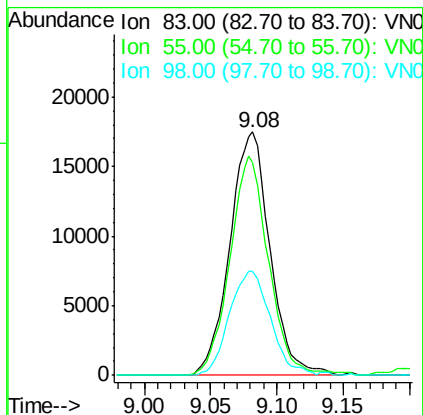
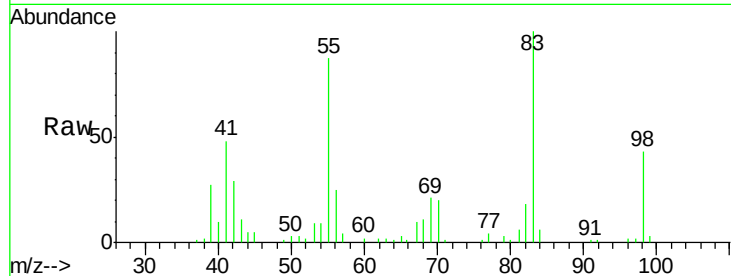




#39
Methylvlcyclohexane
Concen: 4.81 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN054760.D
Acq: 29 Mar 2019 10:27

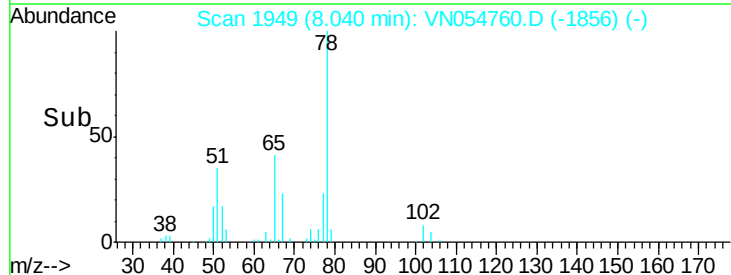
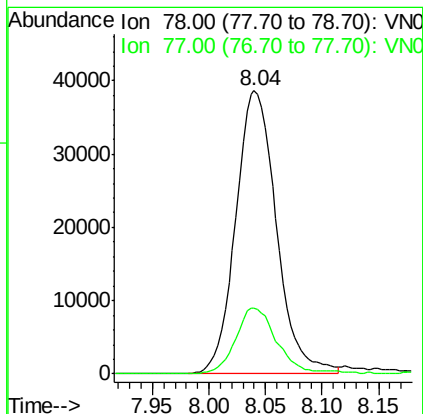
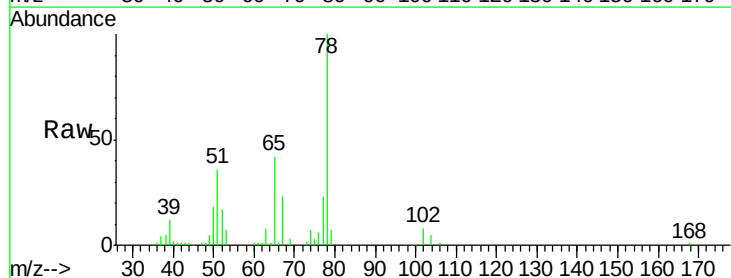
Instrument :
MSVOA_N
ClientSampleId :

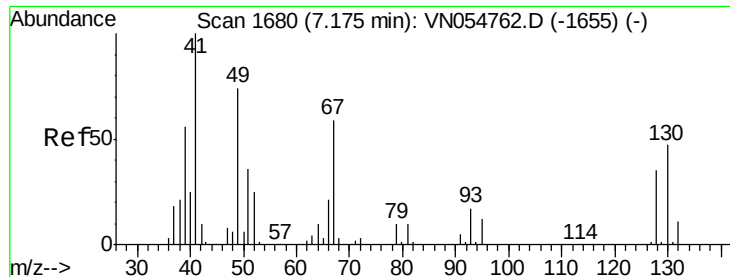
Tot Ion: 83 Resp: 36737
Ion Ratio Lower Upper
83 100
55 87.4 56.6 84.8#
98 43.0 38.4 57.6



#40
Benzene
Concen: 4.88 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN054760.D
Acq: 29 Mar 2019 10:27

Tgt Ion: 78 Resp: 96936
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7





#41

Methacrylonitrile

Concen: 4.37 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.01 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 41 Resp: 12493

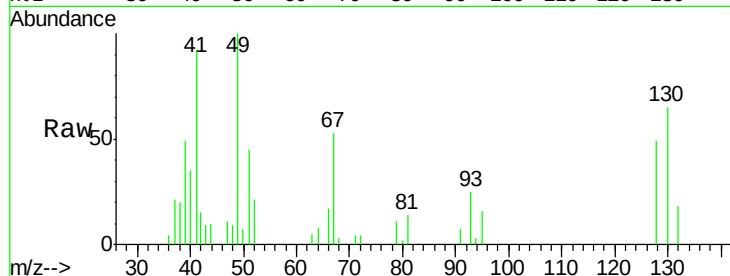
Ion Ratio Lower Upper

41 100

39 44.0 46.8 70.2#

67 72.6 67.0 100.4

52 36.2 26.5 39.7

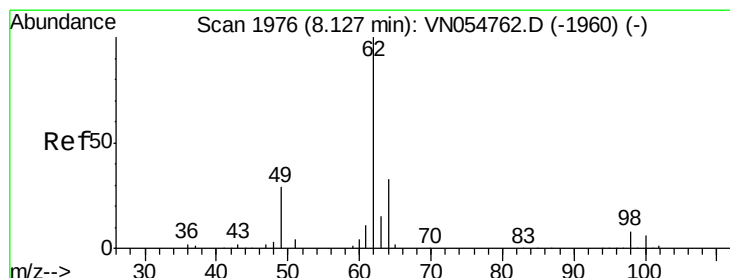
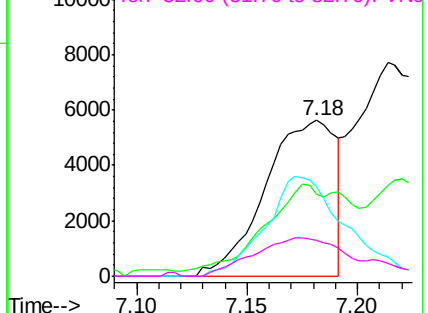
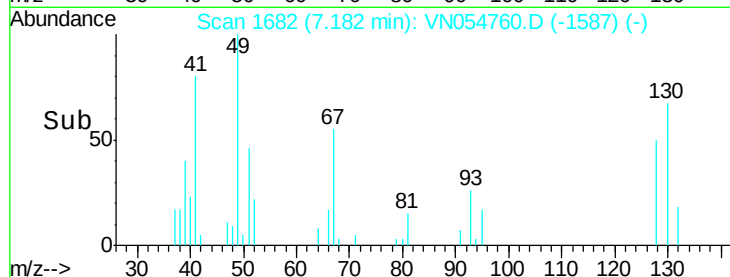


Abundance Ion 41.00 (40.70 to 41.70): VN054760.D (-1655) (-)

Ion 39.00 (38.70 to 39.70): VN054760.D (-1655) (-)

Ion 67.00 (66.70 to 67.70): VN054760.D (-1655) (-)

Ion 52.00 (51.70 to 52.70): VN054760.D (-1655) (-)



#42

1,2-Dichloroethane

Concen: 5.01 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN054760.D

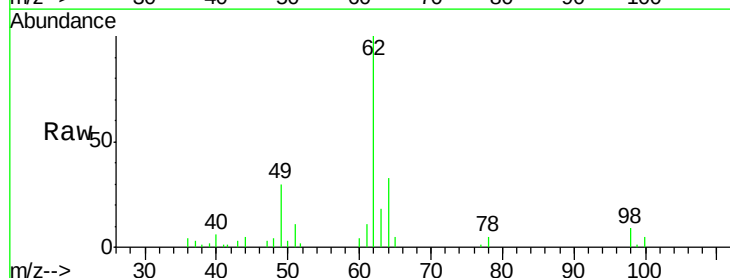
Acq: 29 Mar 2019 10:27

Tgt Ion: 62 Resp: 35556

Ion Ratio Lower Upper

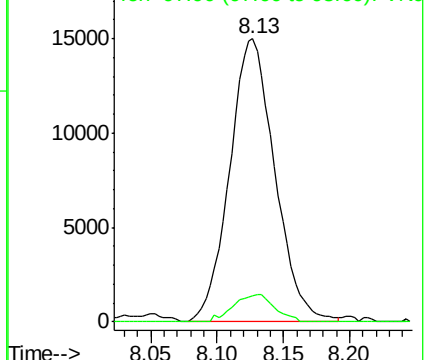
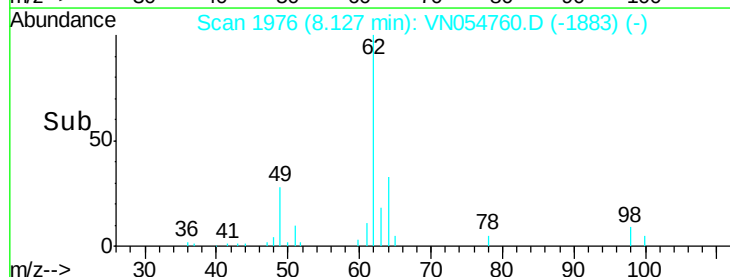
62 100

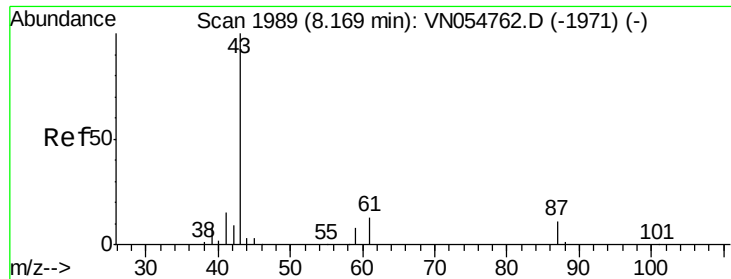
98 8.7 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VN054760.D (-1883) (-)

Ion 97.90 (97.60 to 98.60): VN054760.D (-1883) (-)





#43

Isopropyl Acetate

Concen: 4.79 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

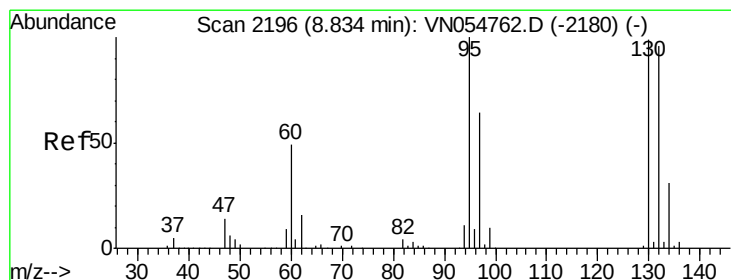
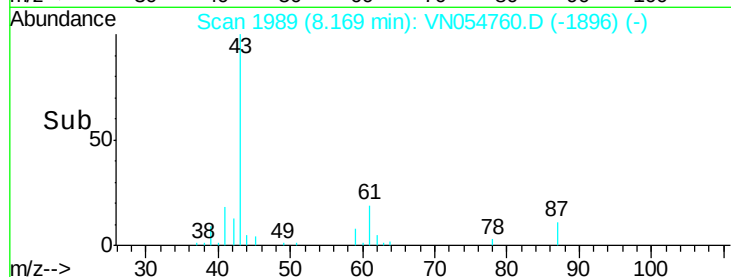
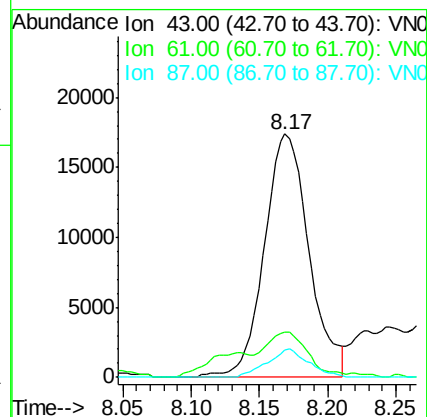
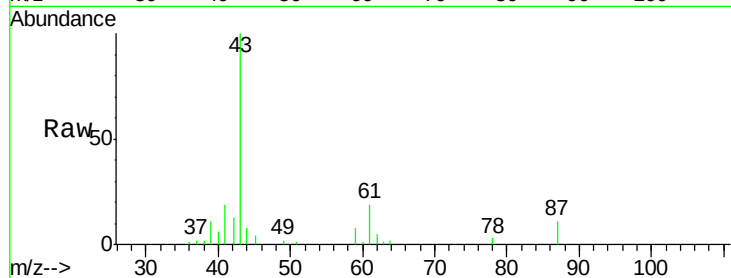
Tot Ion: 43 Resp: 39589

Ion Ratio Lower Upper

43 100

61 15.9 15.8 23.8

87 10.6 12.0 18.0#



#44

Trichloroethene

Concen: 5.25 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN054760.D

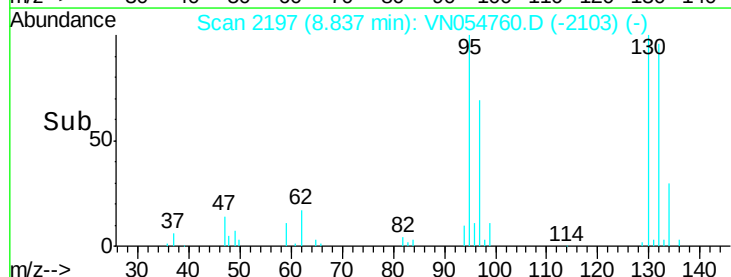
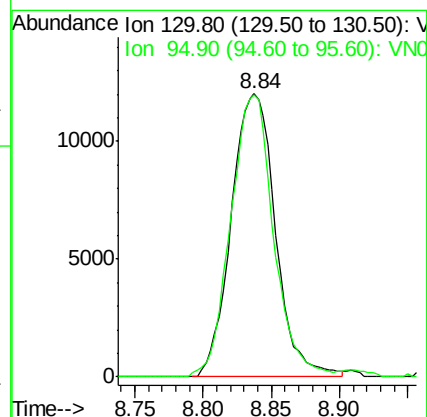
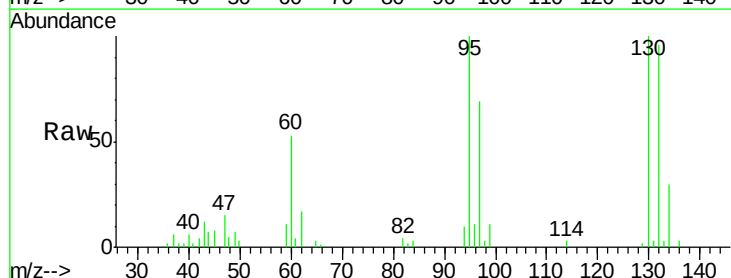
Acq: 29 Mar 2019 10:27

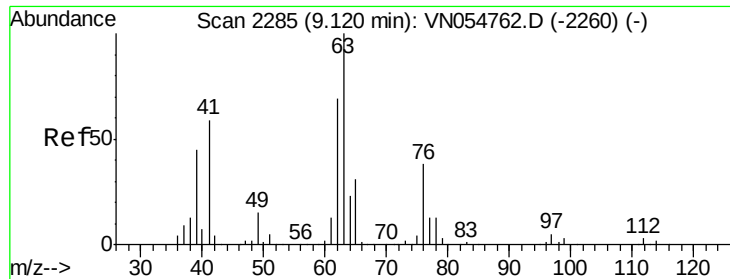
Tgt Ion:130 Resp: 27065

Ion Ratio Lower Upper

130 100

95 98.3 0.0 185.2

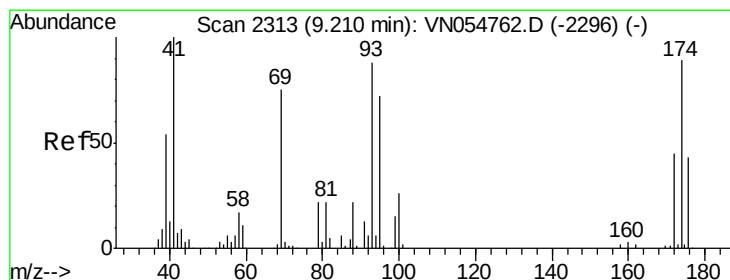
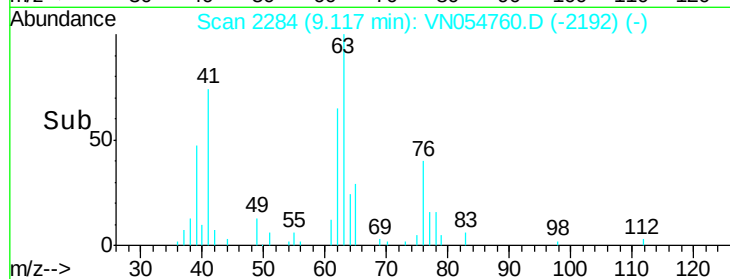
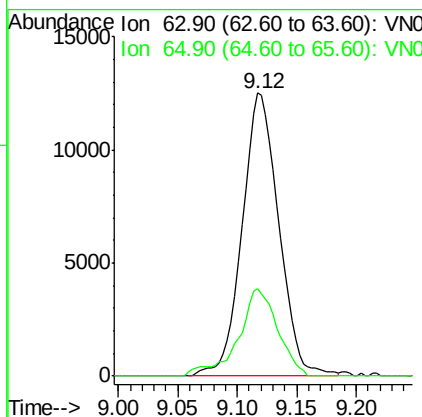
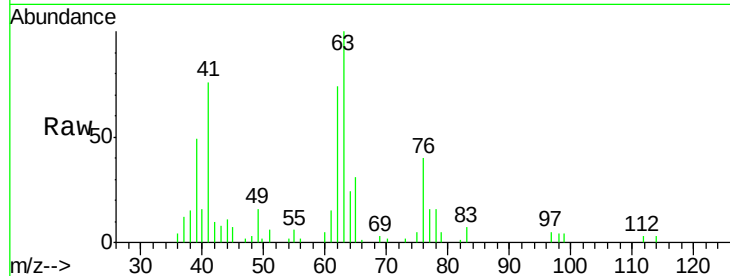




#45
 1,2-Dichloropropane
 Concen: 4.71 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN054760.D
 Acq: 29 Mar 2019 10:27

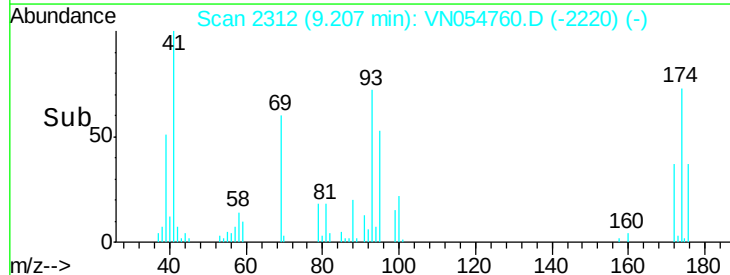
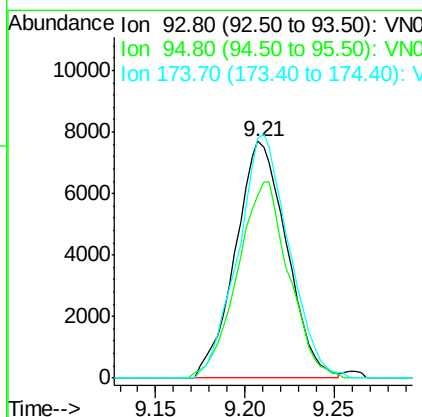
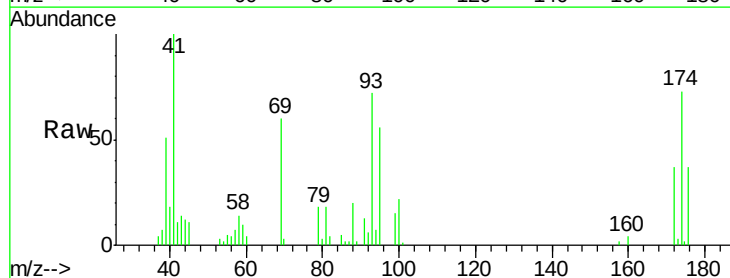
Instrument :
 MSVOA_N
 ClientSampled :

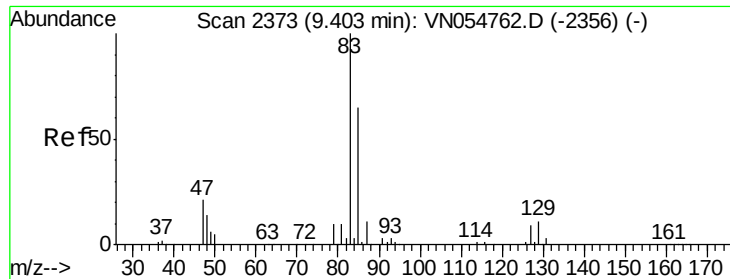
Tot Ion: 63 Resp: 26706
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.0 37.6



#46
 Dibromomethane
 Concen: 4.85 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN054760.D
 Acq: 29 Mar 2019 10:27

Tgt Ion: 93 Resp: 15439
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.7 100.1
 174 102.0 98.5 147.7





#47

Bromodichloromethane

Concen: 4.65 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

Instrument :
MSVOA_N
ClientSampleId :

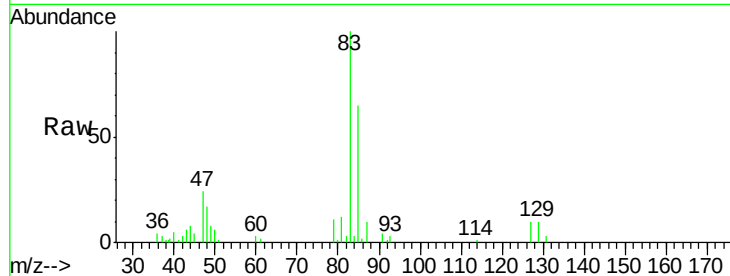
Tot Ion: 83 Resp: 30818

Ion Ratio Lower Upper

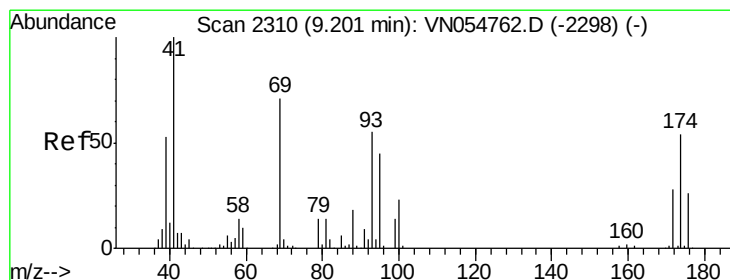
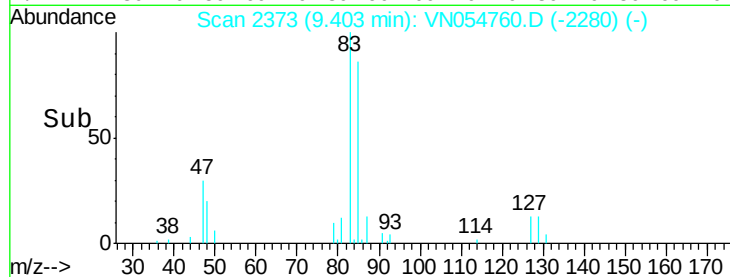
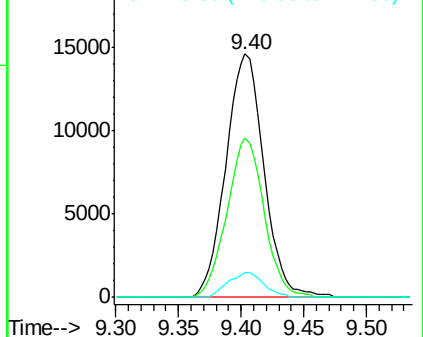
83 100

85 65.5 52.8 79.2

127 10.0 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 4.76 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

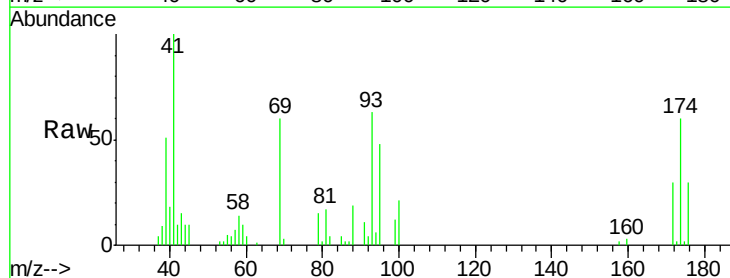
Tgt Ion: 41 Resp: 21339

Ion Ratio Lower Upper

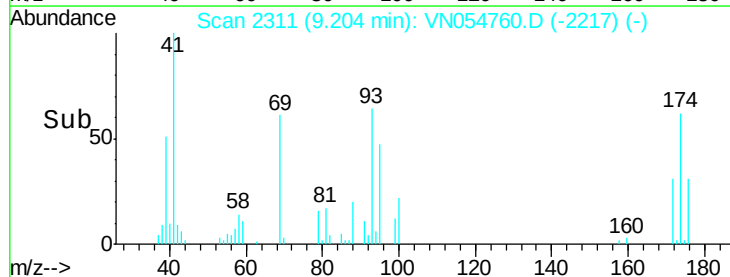
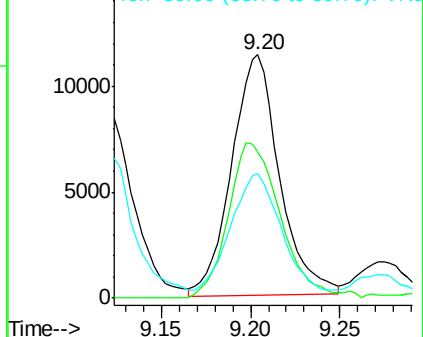
41 100

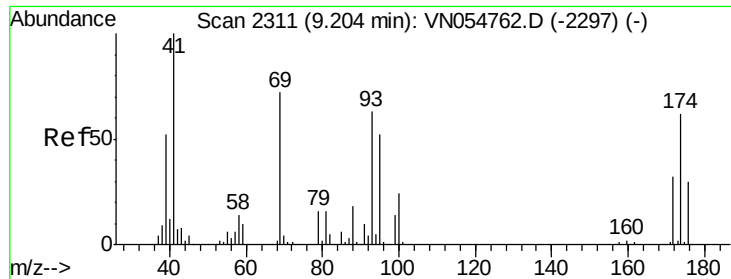
69 69.2 72.6 108.8#

39 53.4 47.5 71.3



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

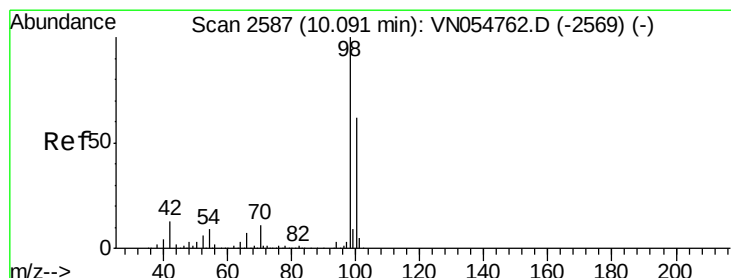
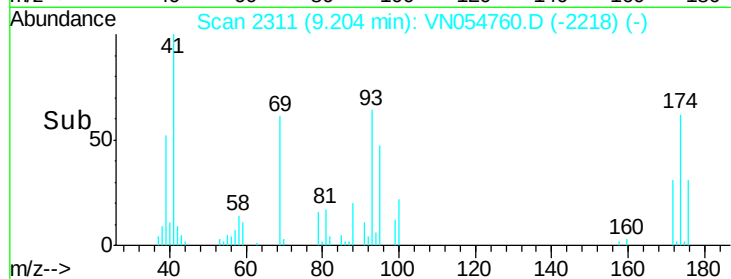
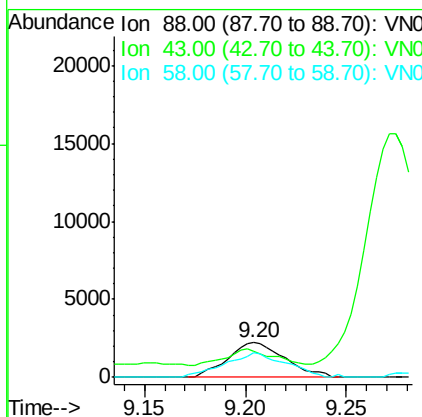
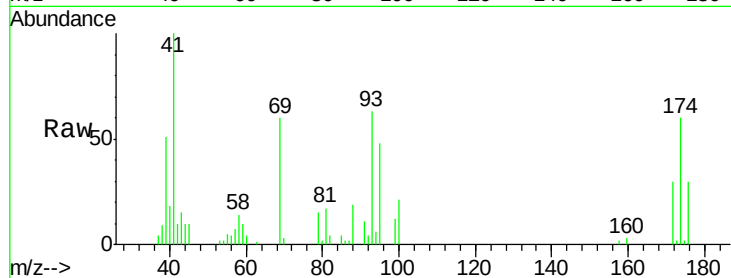




#49
 1,4-Dioxane
 Concen: 97.84 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN054760.D
 Acq: 29 Mar 2019 10:27

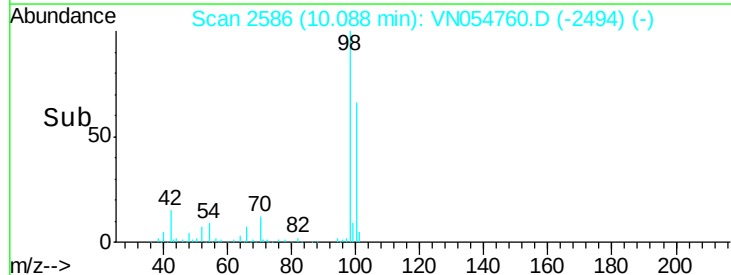
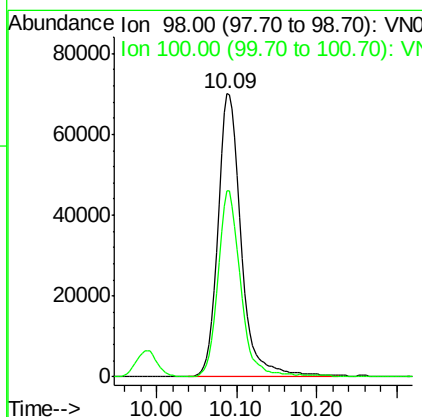
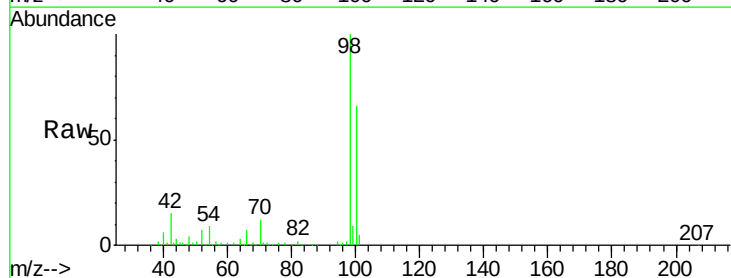
Instrument :
 MSVOA_N
 ClientSampleId :

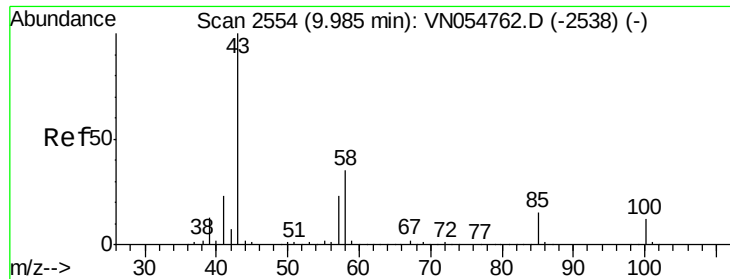
Tot Ion: 88 Resp: 4353
 Ion Ratio Lower Upper
 88 100
 43 36.9 24.1 36.1#
 58 76.2 50.8 76.2#



#50
 Toluene-d8
 Concen: 7.69 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: VN054760.D
 Acq: 29 Mar 2019 10:27

Tgt Ion: 98 Resp: 141956
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 23.07 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

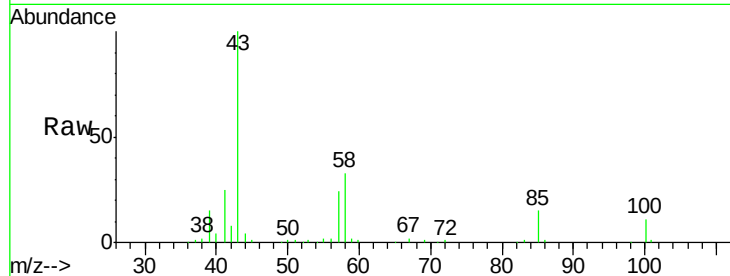
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 107280

Ion Ratio Lower Upper

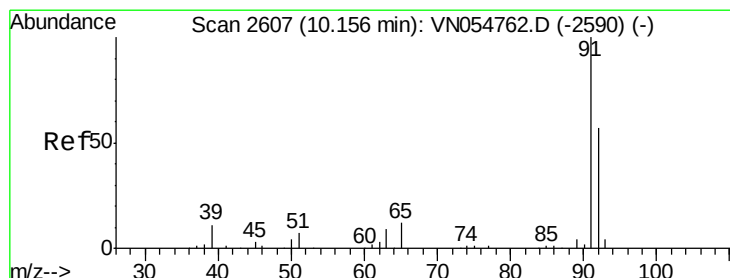
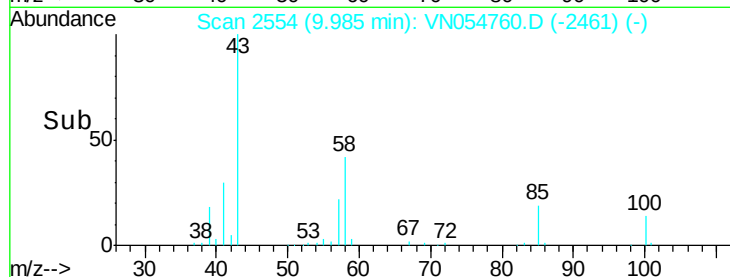
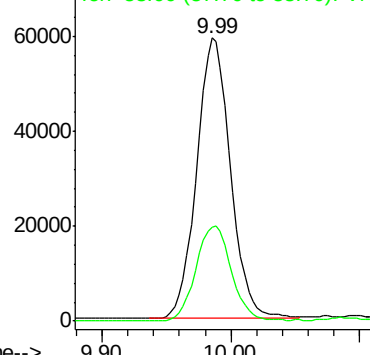
43 100

58 35.8 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 4.87 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054760.D

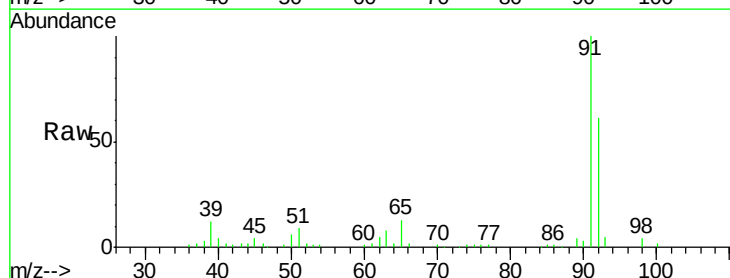
Acq: 29 Mar 2019 10:27

Tgt Ion: 92 Resp: 57519

Ion Ratio Lower Upper

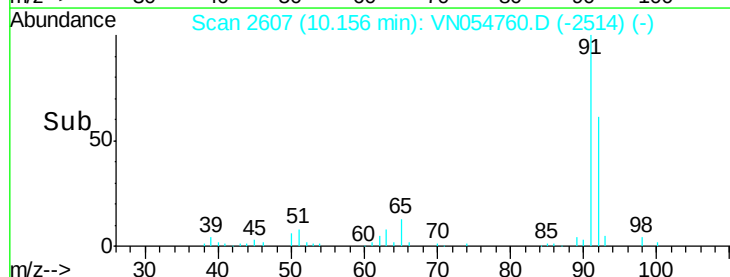
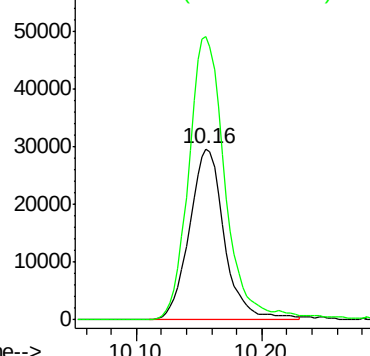
92 100

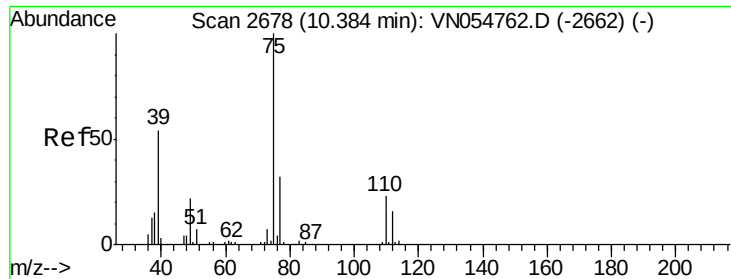
91 168.5 140.7 211.1



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: 4.10 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

Instrument :

MSVOA_N

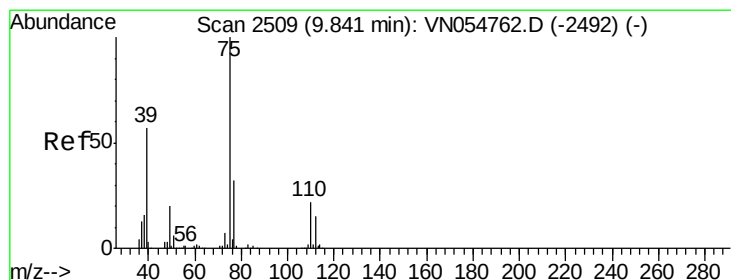
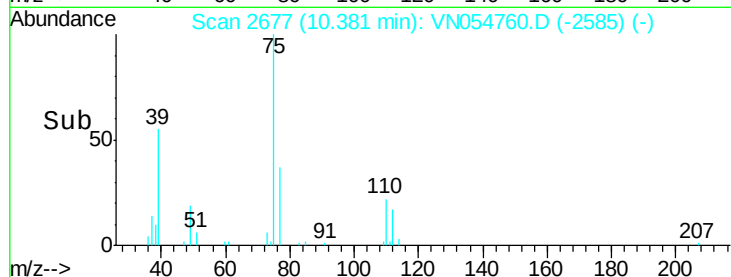
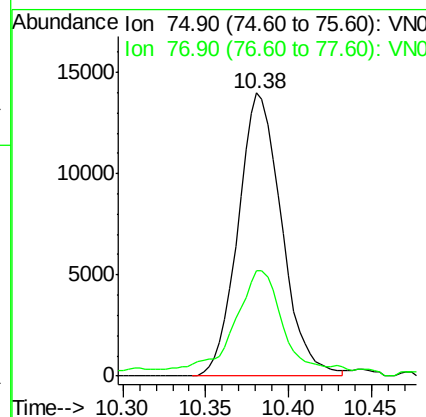
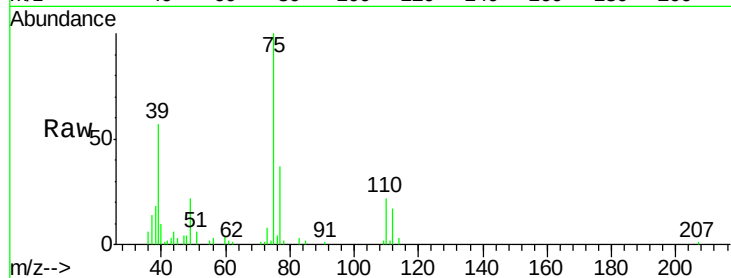
ClientSampled :

Tot Ion: 75 Resp: 25510

Ion Ratio Lower Upper

75 100

77 33.7 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 4.48 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

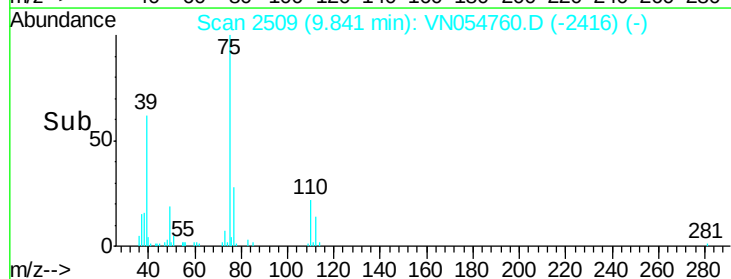
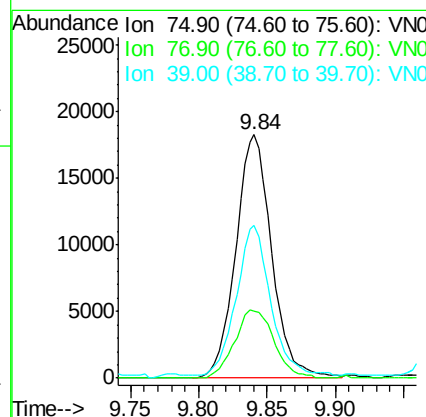
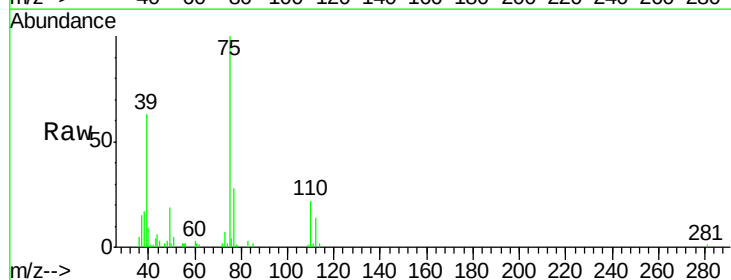
Tgt Ion: 75 Resp: 33366

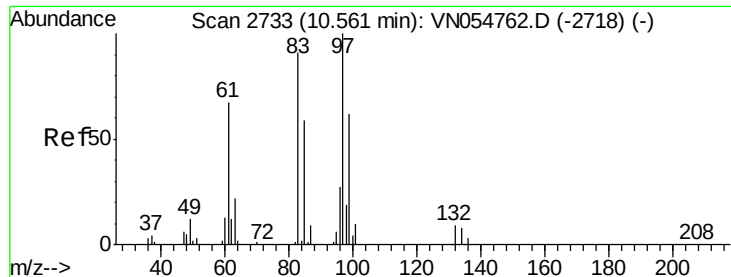
Ion Ratio Lower Upper

75 100

77 27.7 25.4 38.0

39 62.0 37.2 55.8#

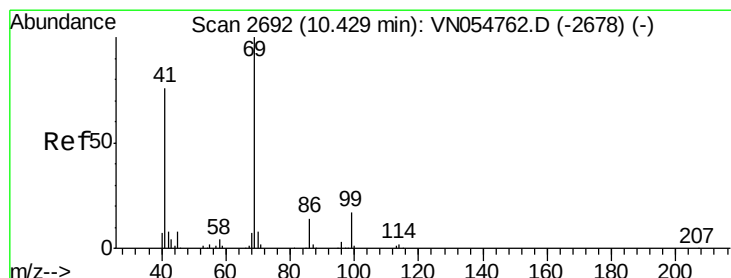
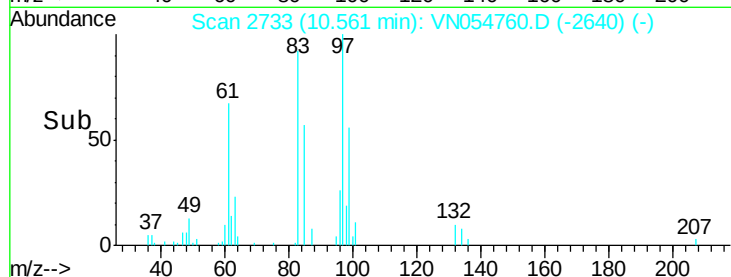
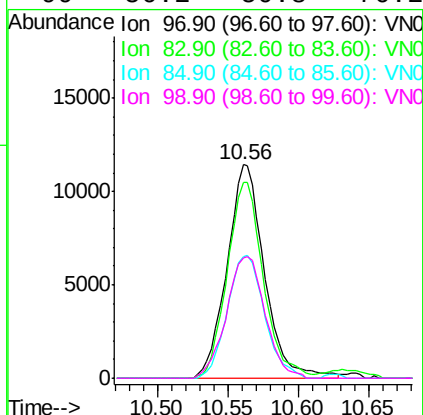
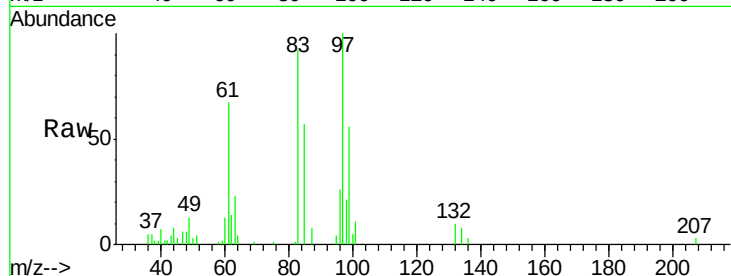




#55
 1,1,2-Trichloroethane
 Concen: 4.83 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN054760.D
 Acq: 29 Mar 2019 10:27

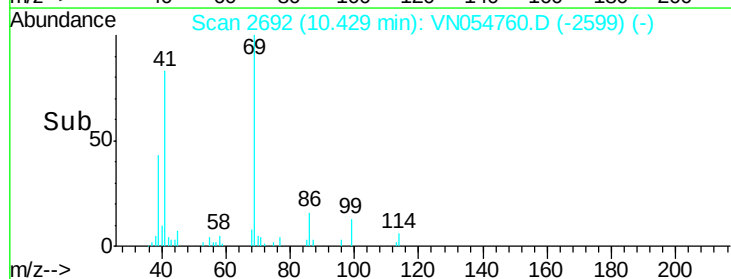
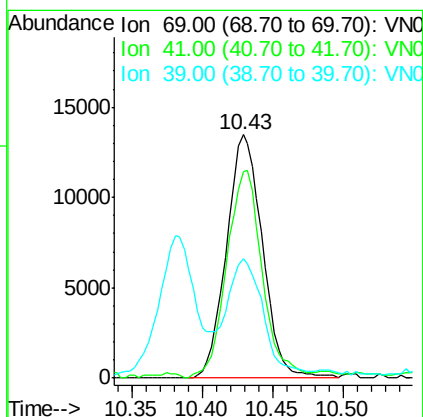
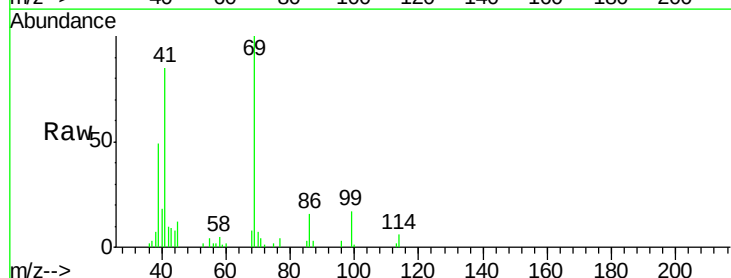
Instrument :
 MSVOA_N
 ClientSampled :

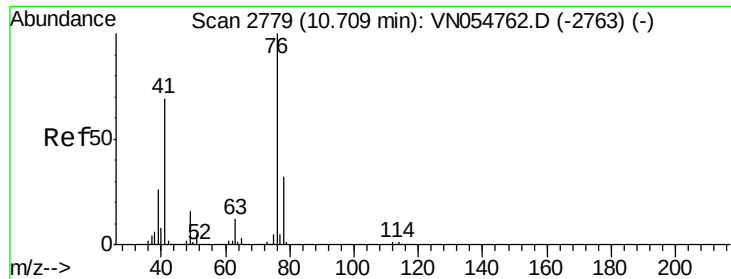
Tot Ion:	97	Resp:	21234
Ion	Ratio	Lower	Upper
97	100		
83	91.6	66.6	100.0
85	57.1	44.4	66.6
99	56.2	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 4.17 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN054760.D
 Acq: 29 Mar 2019 10:27

Tgt Ion:	69	Resp:	24054
Ion	Ratio	Lower	Upper
69	100		
41	84.5	49.4	74.2#
39	44.6	28.3	42.5#

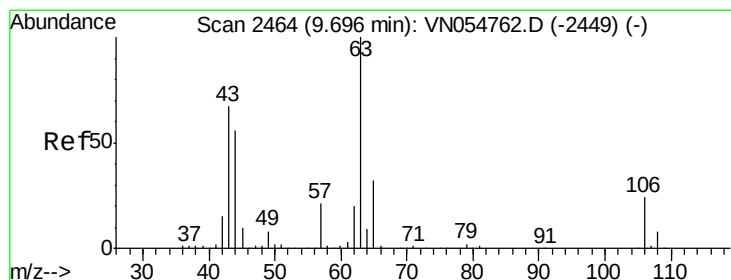
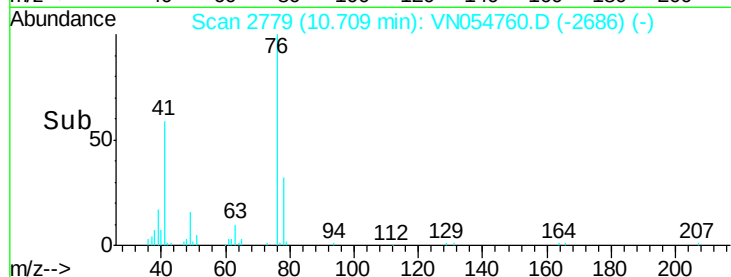
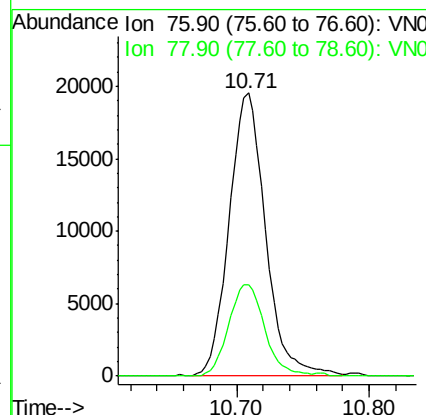
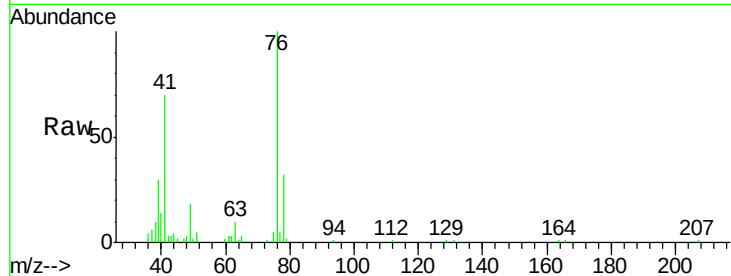




#57
 1,3-Dichloropropane
 Concen: 4.94 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN054760.D
 Acq: 29 Mar 2019 10:27

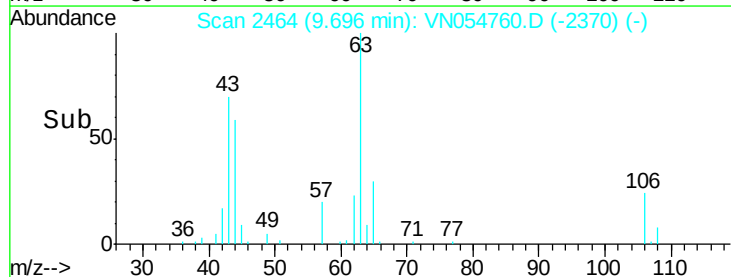
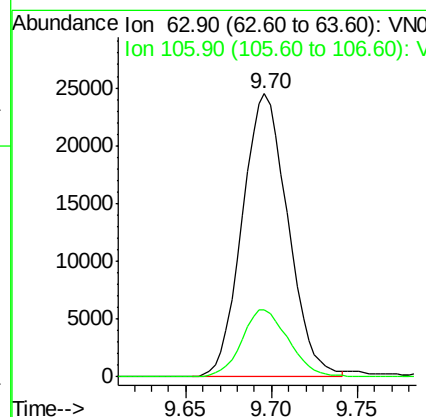
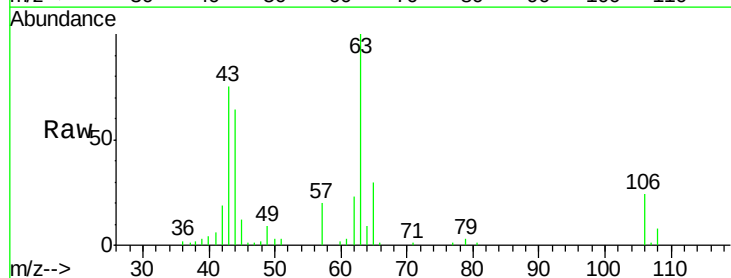
Instrument :
 MSVOA_N
 ClientSampled :

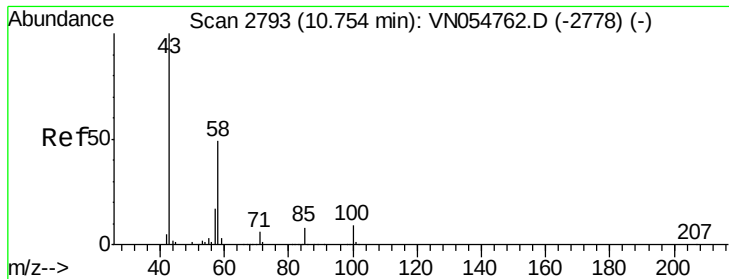
Tot Ion: 76 Resp: 37323
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 27.83 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN054760.D
 Acq: 29 Mar 2019 10:27

Tgt Ion: 63 Resp: 45286
 Ion Ratio Lower Upper
 63 100
 106 24.4 24.4 36.6#

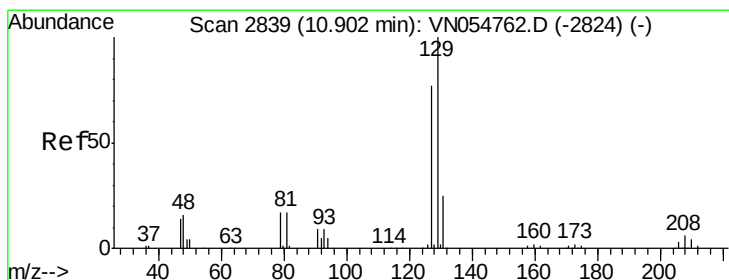
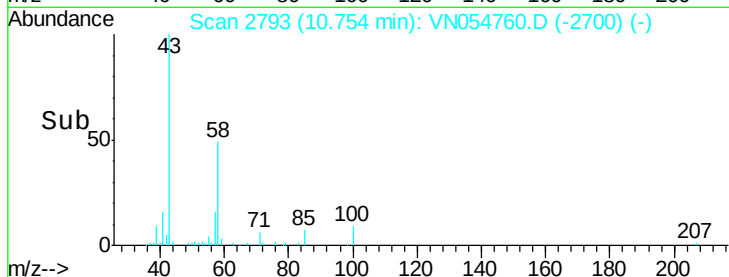
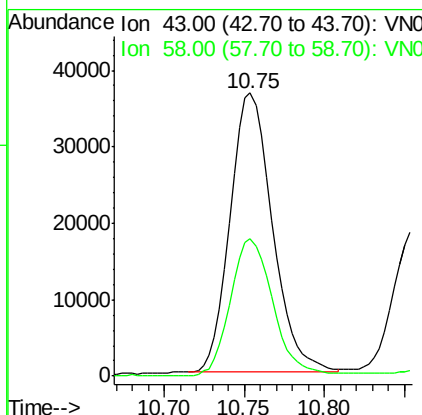
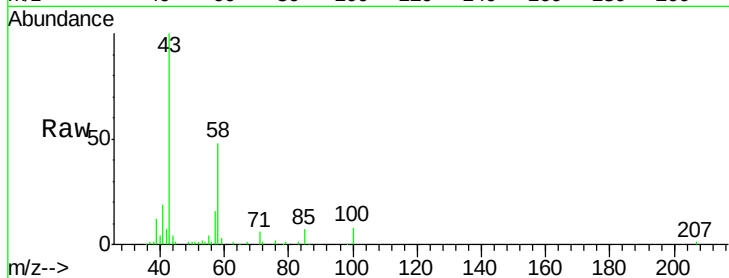




#59
2-Hexanone
Concen: 22.17 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN054760.D
Acq: 29 Mar 2019 10:27

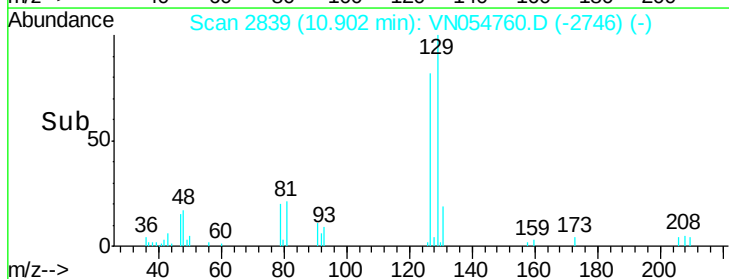
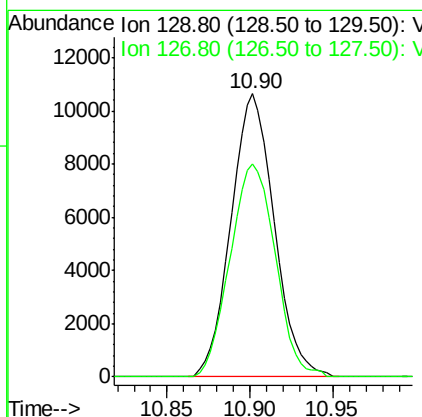
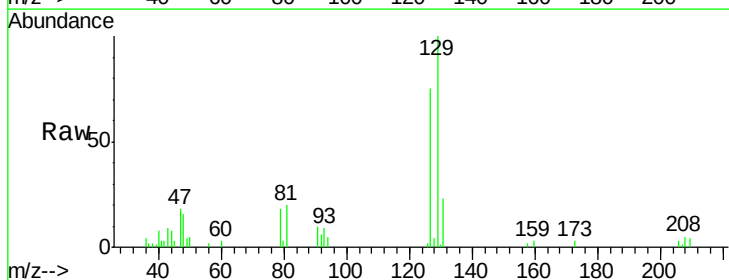
Instrument :
MSVOA_N
ClientSampled :

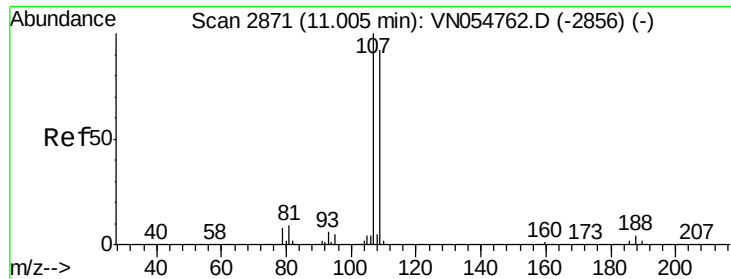
Tot Ion: 43 Resp: 66005
Ion Ratio Lower Upper
43 100
58 49.9 28.0 83.9



#60
Dibromochloromethane
Concen: 4.33 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN054760.D
Acq: 29 Mar 2019 10:27

Tgt Ion: 129 Resp: 19279
Ion Ratio Lower Upper
129 100
127 78.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 4.55 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

Instrument :

MSVOA_N

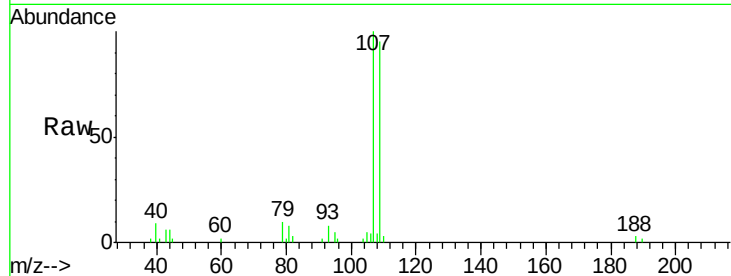
ClientSampled :

Tot Ion:107 Resp: 19106

Ion Ratio Lower Upper

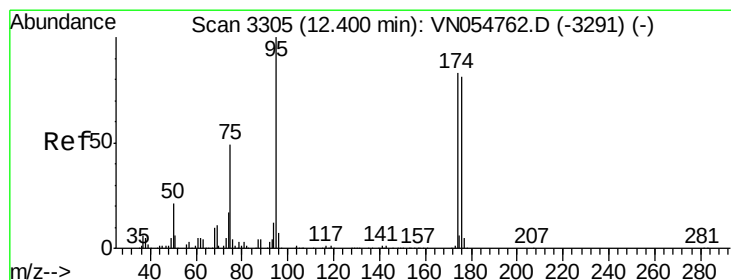
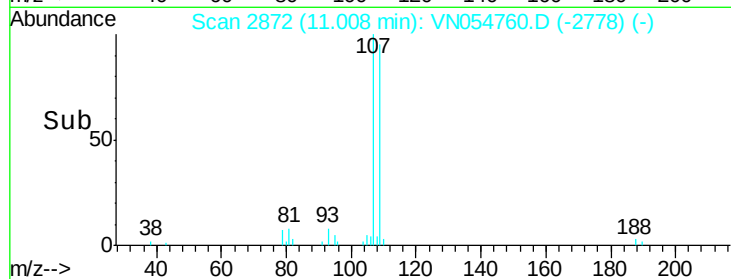
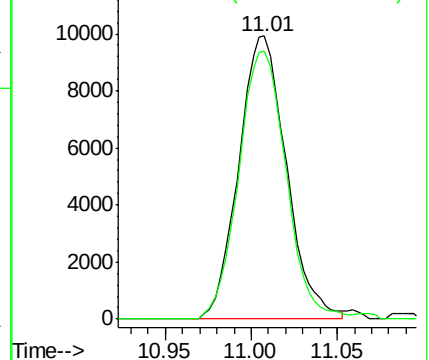
107 100

109 94.0 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 6.07 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

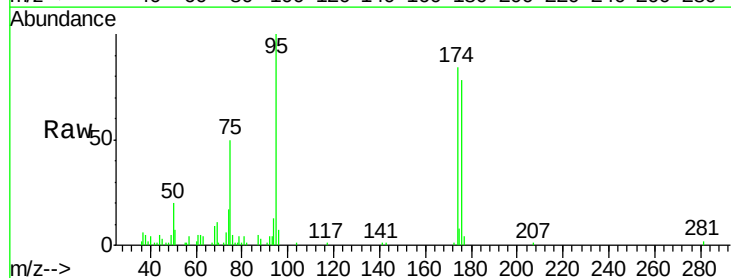
Tgt Ion: 95 Resp: 37300

Ion Ratio Lower Upper

95 100

174 83.0 0.0 191.0

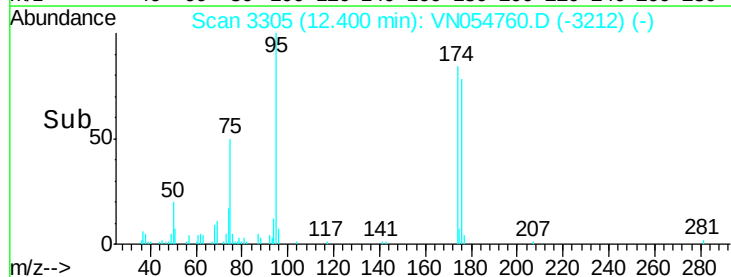
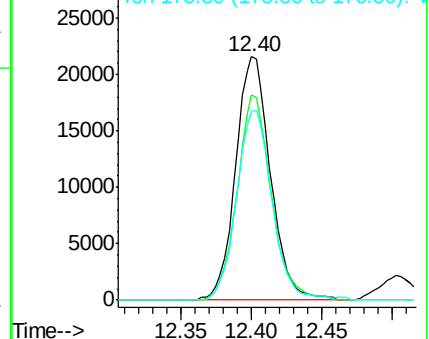
176 79.6 0.0 187.4

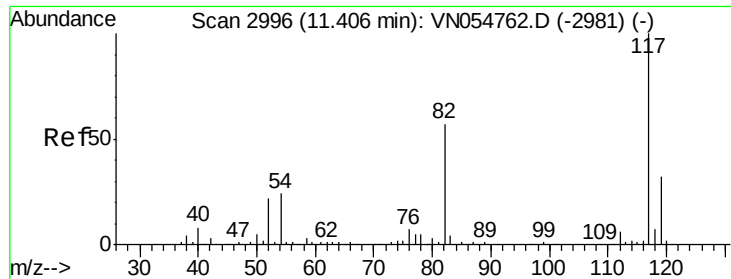


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

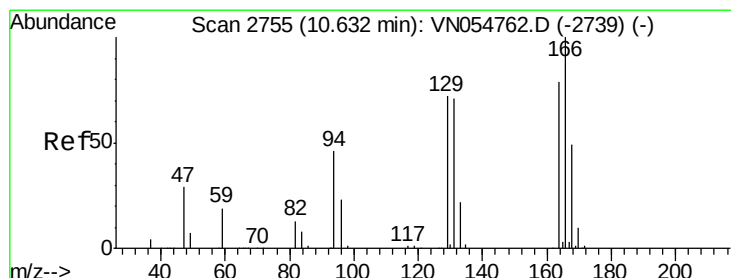
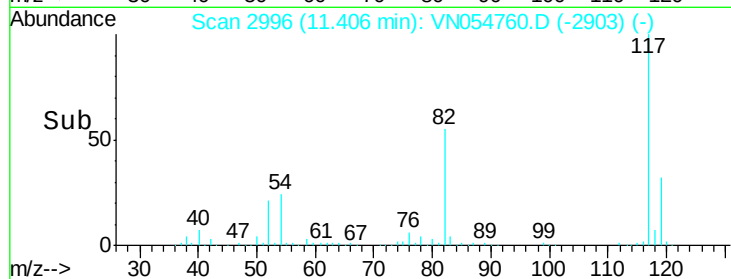
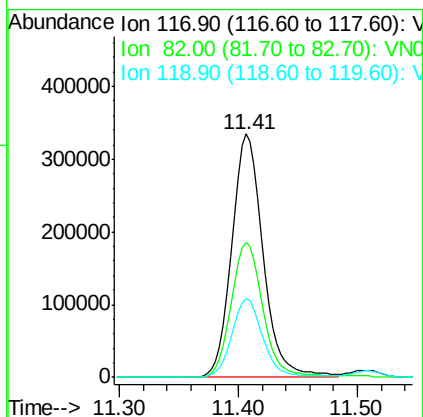
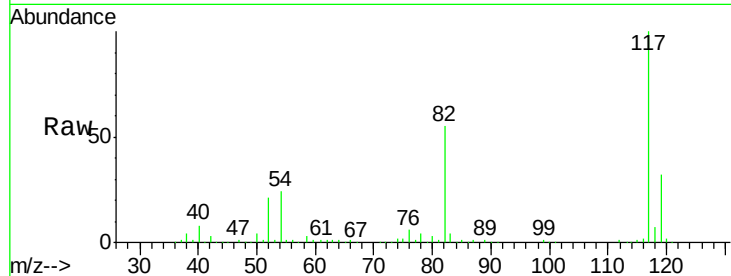




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054760.D
Acq: 29 Mar 2019 10:27

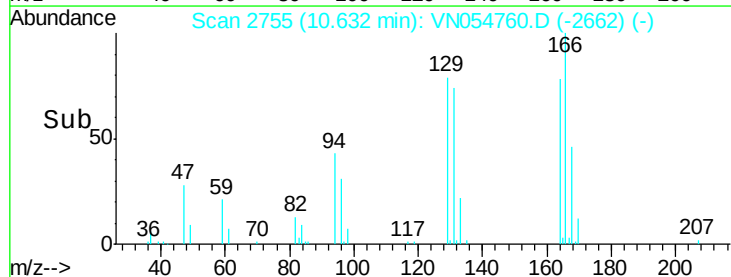
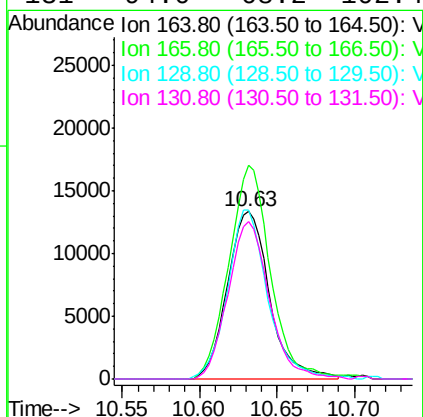
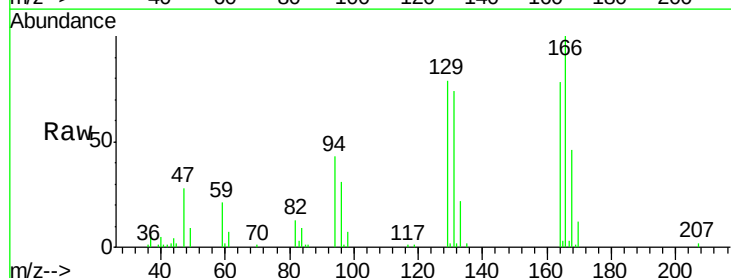
Instrument :
MSVOA_N
ClientSampled :

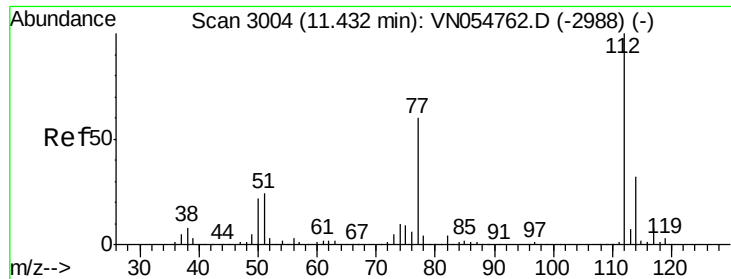
Tot Ion:117 Resp: 609805
Ion Ratio Lower Upper
117 100
82 55.4 40.0 60.0
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 5.40 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN054760.D
Acq: 29 Mar 2019 10:27

Tgt Ion:164 Resp: 25249
Ion Ratio Lower Upper
164 100
166 127.4 103.9 155.9
129 100.5 71.1 106.7
131 94.0 68.2 102.4





#65

Chlorobenzene

Concen: 5.05 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

Instrument :

MSVOA_N

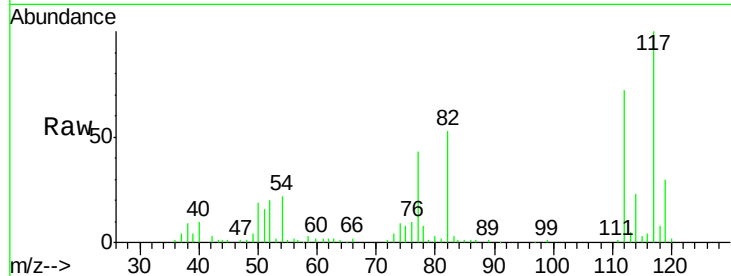
ClientSampled :

Tot Ion:112 Resp: 60338

Ion Ratio Lower Upper

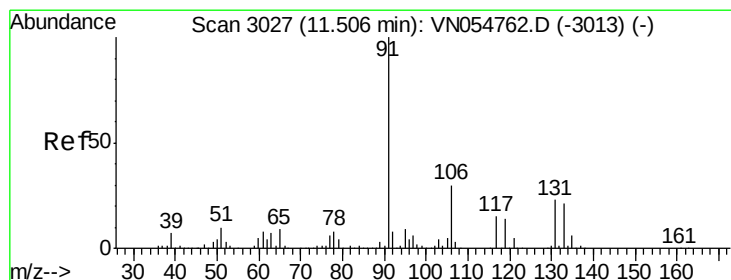
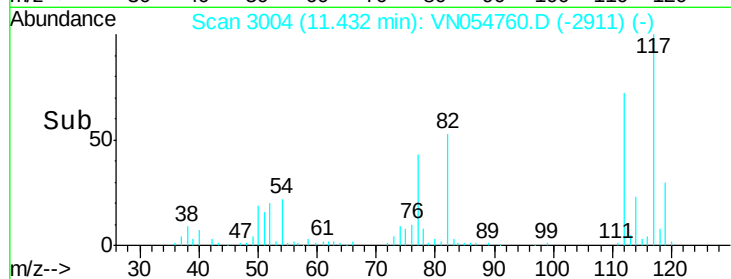
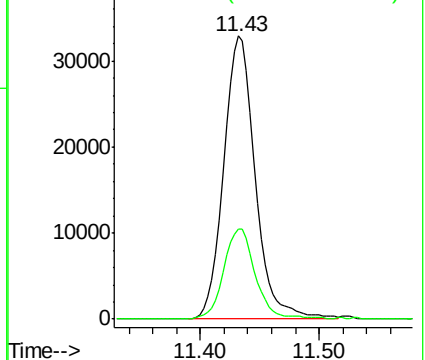
112 100

114 31.9 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 4.94 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

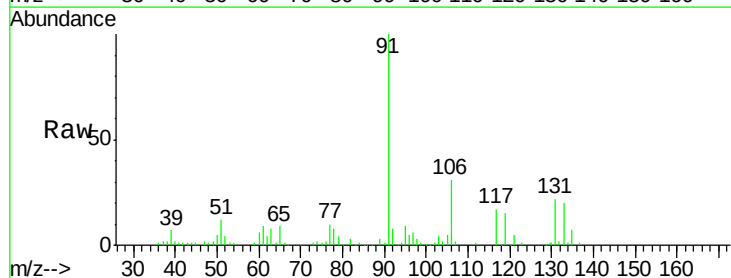
Tgt Ion:131 Resp: 22095

Ion Ratio Lower Upper

131 100

133 92.5 47.6 142.9

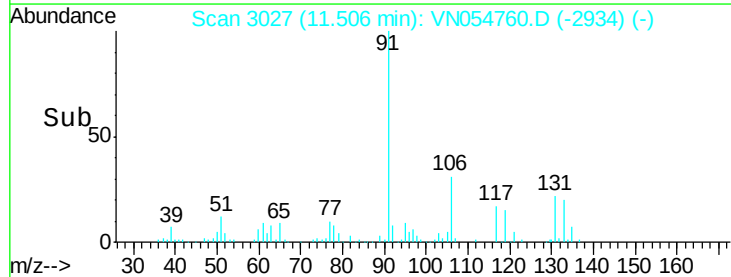
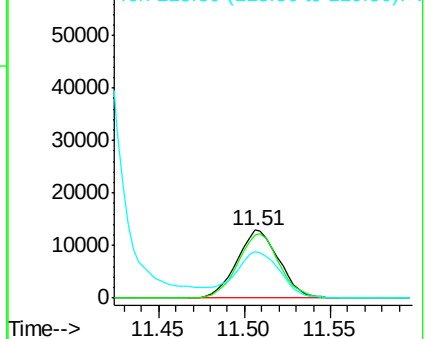
119 74.8 32.4 97.0

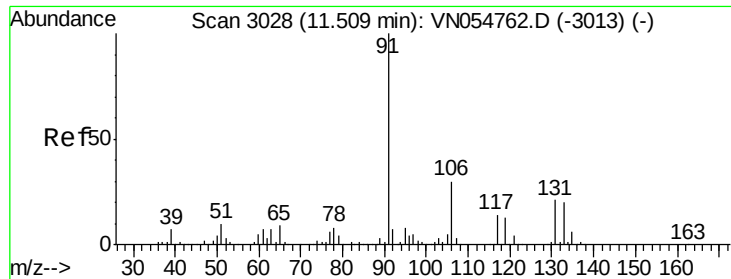


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

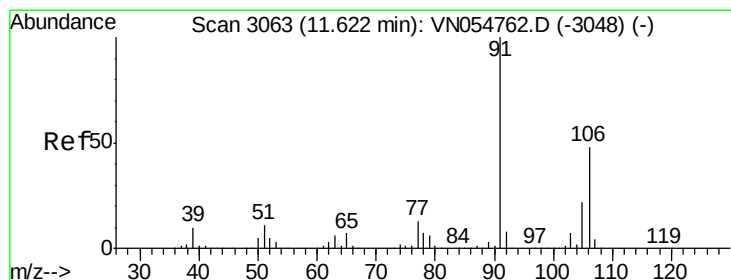
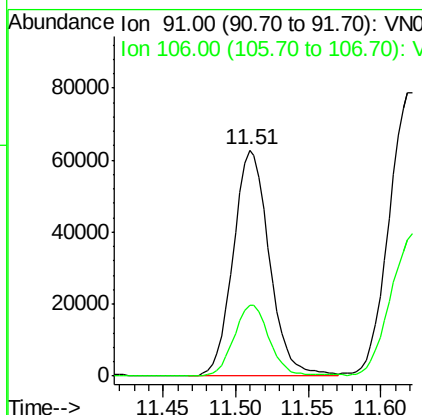
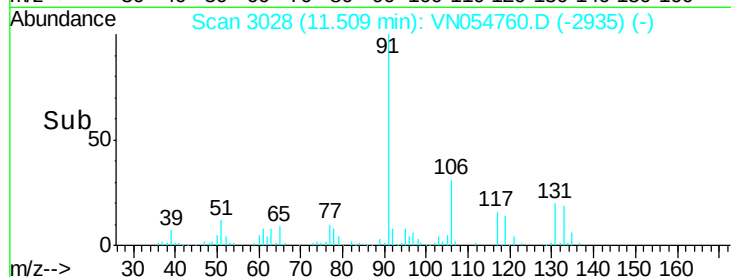
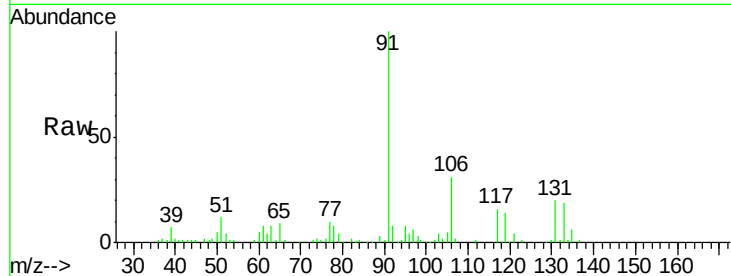




#67
Ethyl Benzene
Concen: 5.06 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054760.D
Acq: 29 Mar 2019 10:27

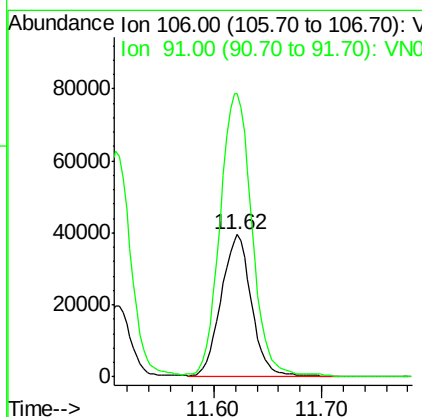
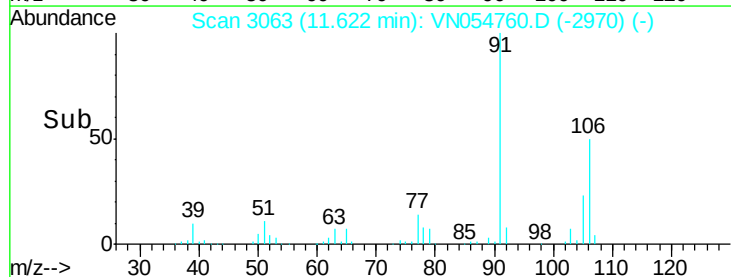
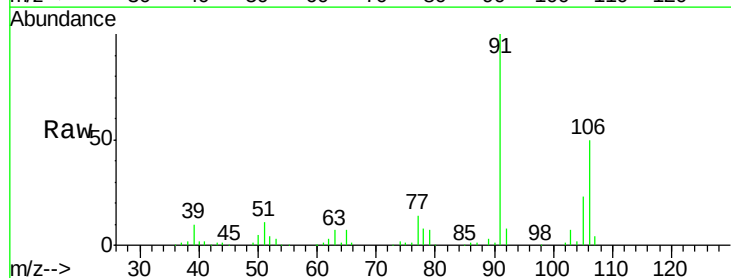
Instrument :
MSVOA_N
ClientSampled :

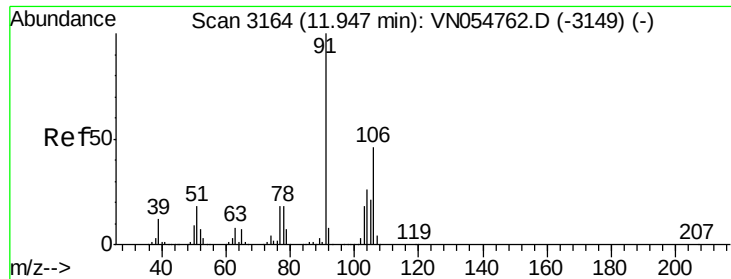
Tot Ion: 91 Resp: 109125
Ion Ratio Lower Upper
91 100
106 31.5 25.5 38.3



#68
m/p-Xylenes
Concen: 9.81 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN054760.D
Acq: 29 Mar 2019 10:27

Tgt Ion: 106 Resp: 78187
Ion Ratio Lower Upper
106 100
91 202.4 159.4 239.2

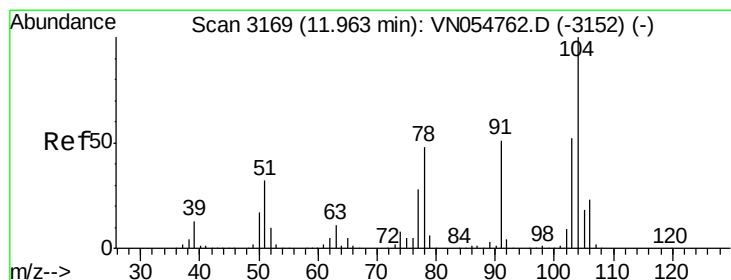
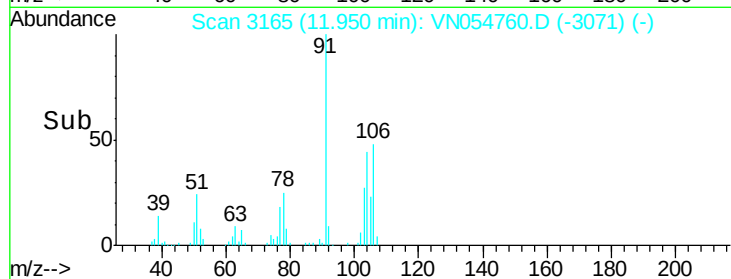
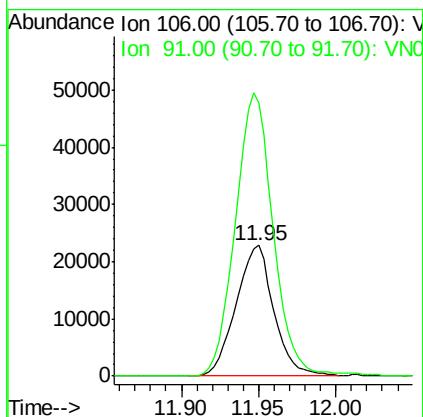
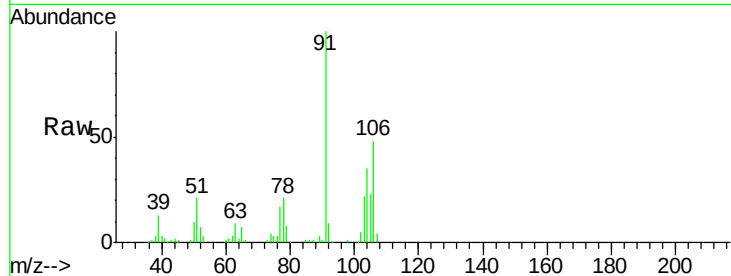




#69
o-Xylene
Concen: 4.96 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054760.D
Acq: 29 Mar 2019 10:27

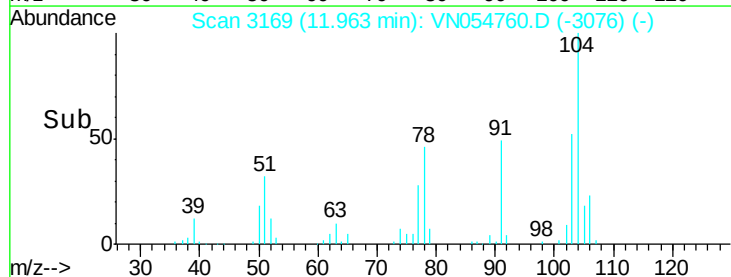
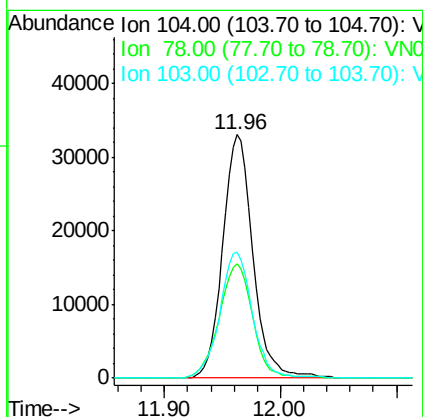
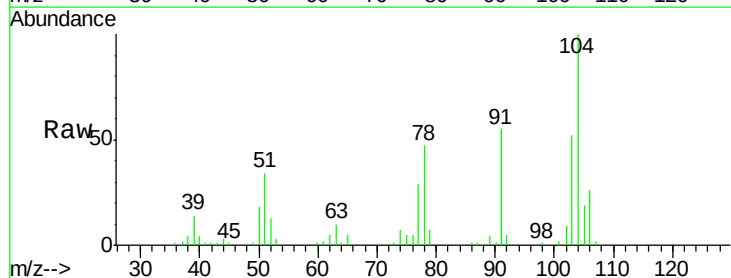
Instrument :
MSVOA_N
ClientSampled :

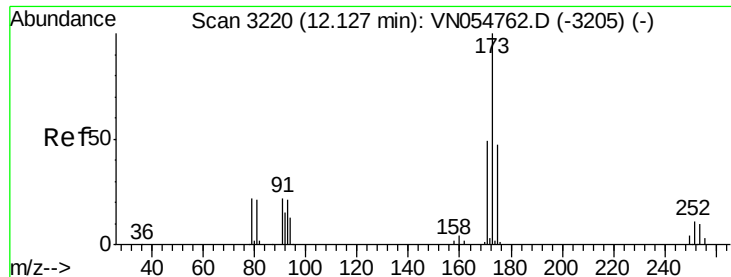
Tot Ion:106 Resp: 38807
Ion Ratio Lower Upper
106 100
91 217.7 105.7 317.1



#70
Styrene
Concen: 4.75 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN054760.D
Acq: 29 Mar 2019 10:27

Tgt Ion:104 Resp: 59359
Ion Ratio Lower Upper
104 100
78 51.8 38.2 57.2
103 55.4 44.4 66.6





#71

Bromoform

Concen: 4.07 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

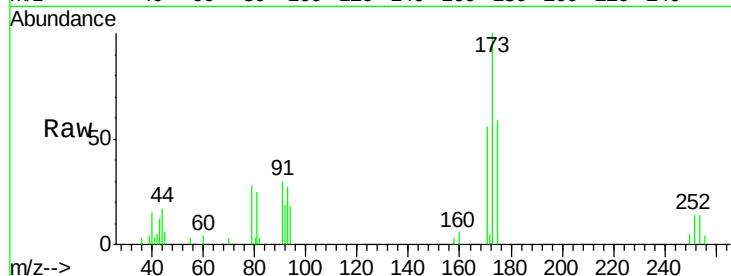
Tot Ion:173 Resp: 10668

Ion Ratio Lower Upper

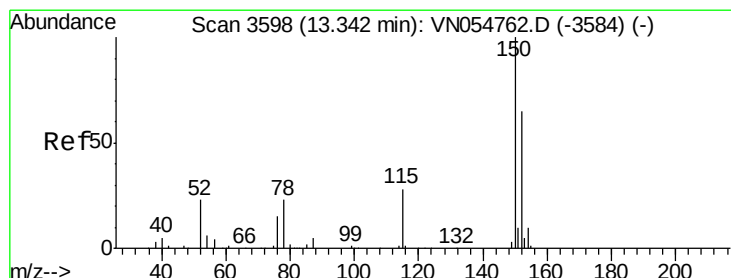
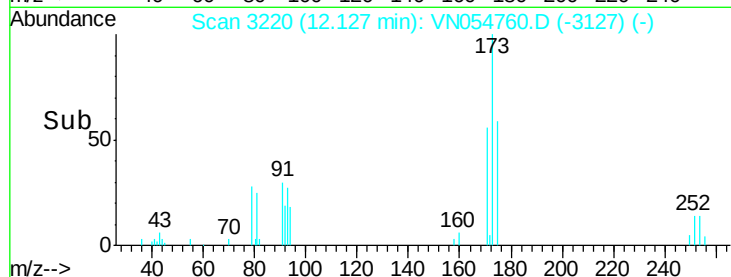
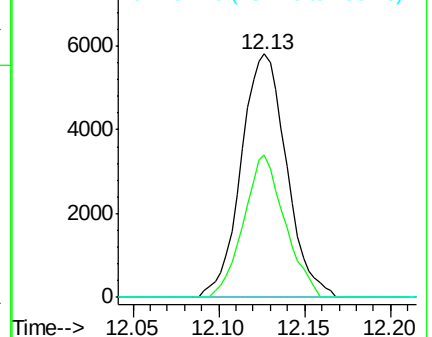
173 100

175 52.9 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: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

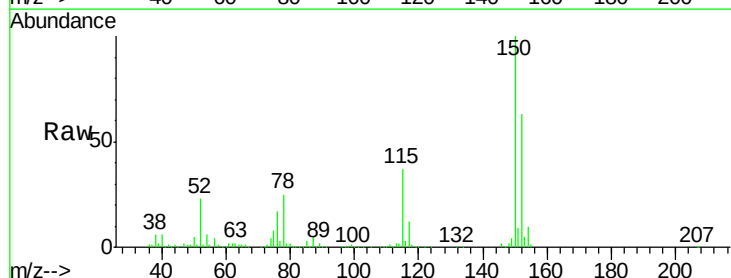
Tgt Ion:152 Resp: 222213

Ion Ratio Lower Upper

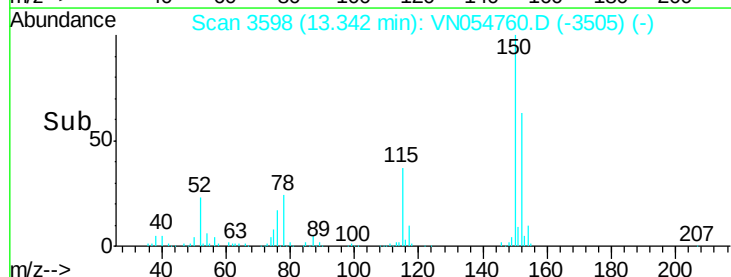
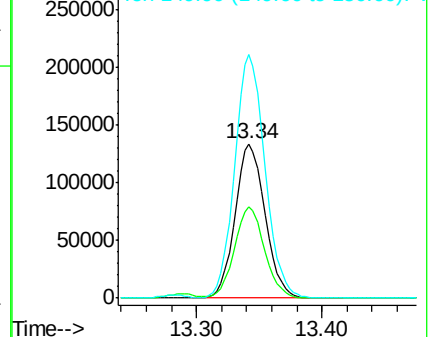
152 100

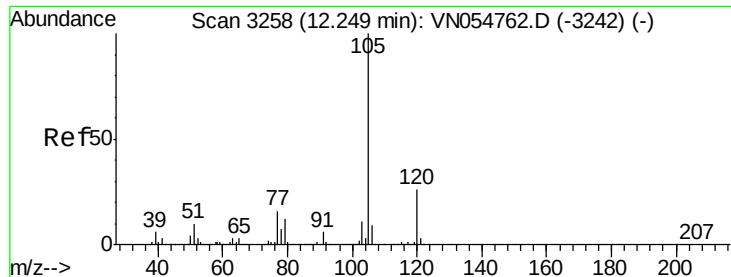
115 59.2 27.2 81.6

150 159.2 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





#73

Isopropylbenzene

Concen: 5.63 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

Instrument :

MSVOA_N

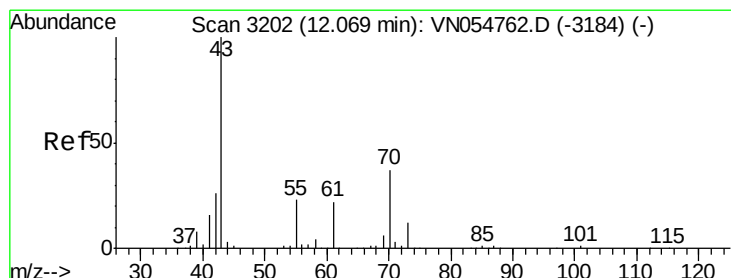
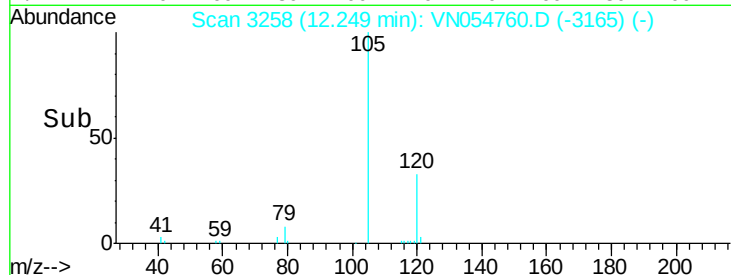
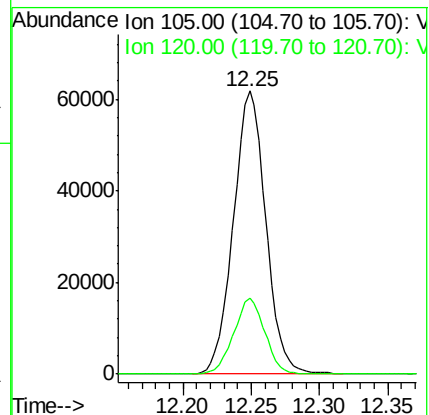
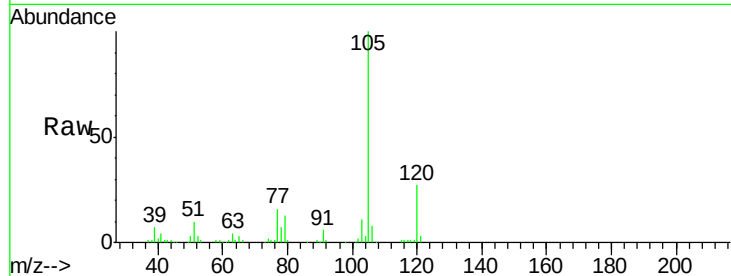
ClientSampleId :

Tot Ion:105 Resp: 102225

Ion Ratio Lower Upper

105 100

120 25.6 13.8 41.3



#74

N-ethyl acetate

Concen: 4.72 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

Tgt Ion: 43 Resp: 26713

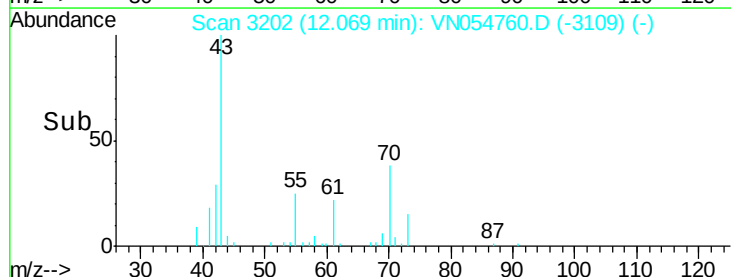
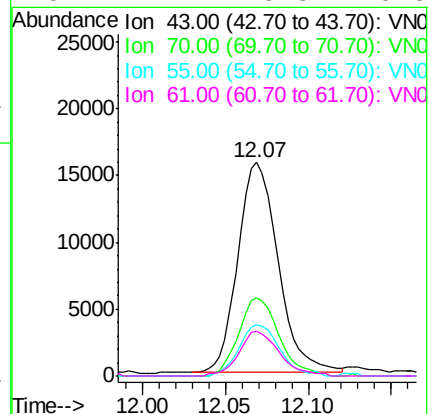
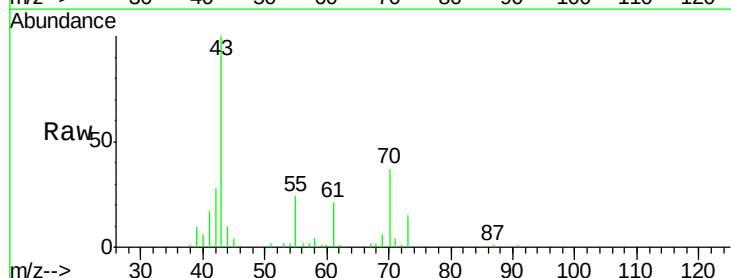
Ion Ratio Lower Upper

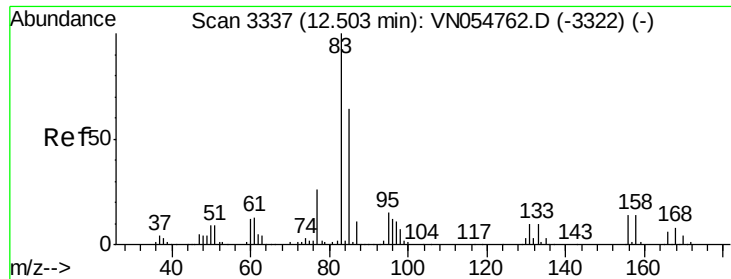
43 100

70 37.2 35.4 53.0

55 24.6 19.8 29.6

61 21.4 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 4.61 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

Instrument :

MSVOA_N

ClientSampled :

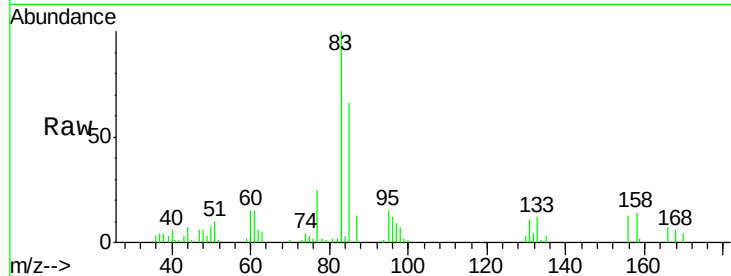
Tot Ion: 83 Resp: 24670

Ion Ratio Lower Upper

83 100

131 11.2 5.8 17.4

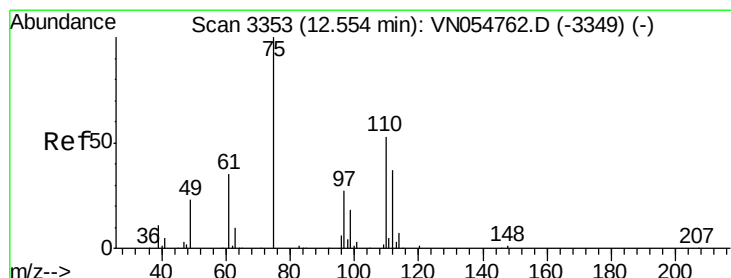
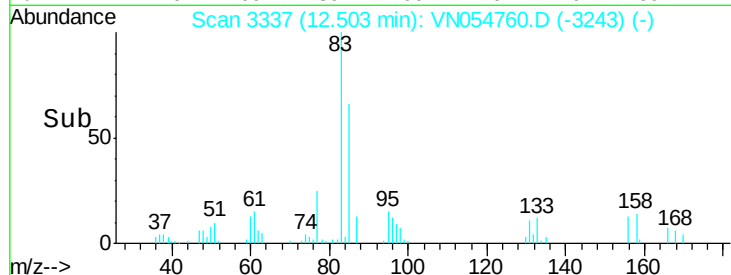
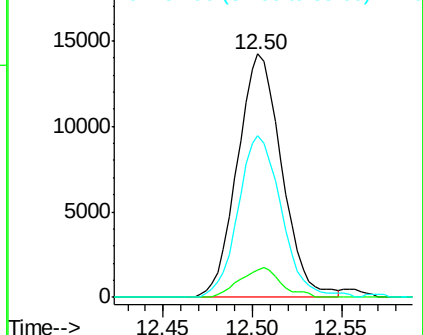
85 64.9 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 6.91 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN054760.D

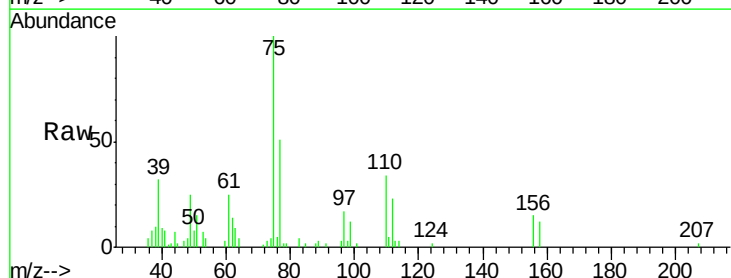
Acq: 29 Mar 2019 10:27

Tgt Ion: 75 Resp: 27996

Ion Ratio Lower Upper

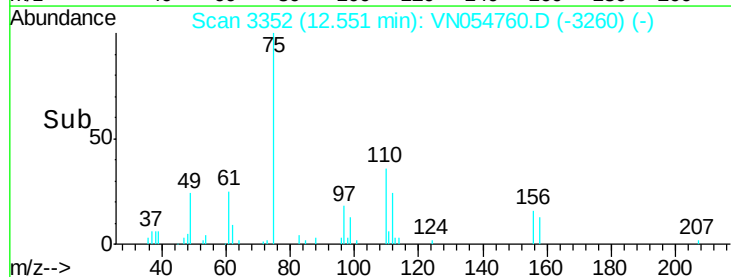
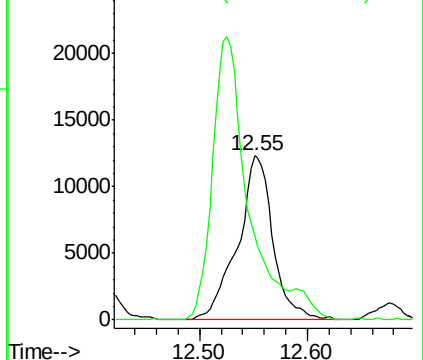
75 100

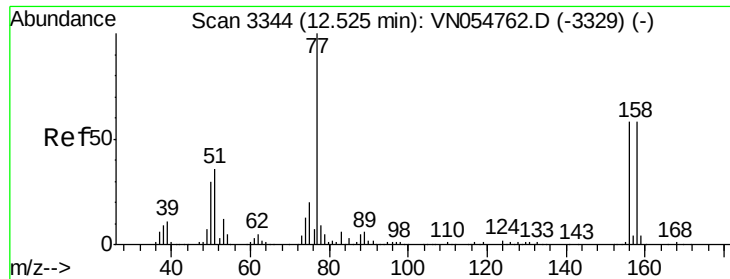
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 5.64 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

Instrument :

MSVOA_N

ClientSampled :

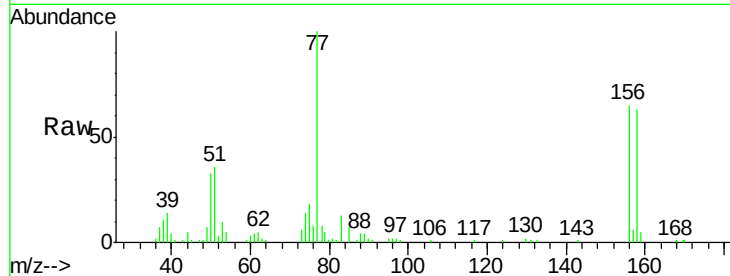
Tot Ion:156 Resp: 24738

Ion Ratio Lower Upper

156 100

77 190.0 81.5 244.4

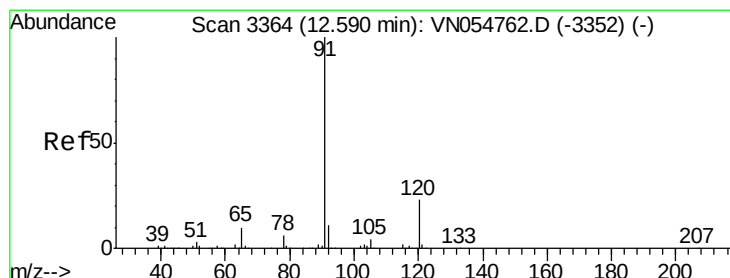
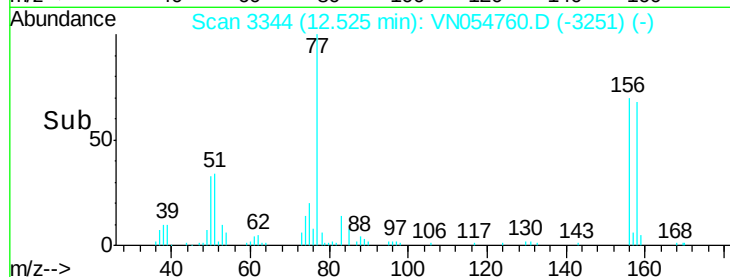
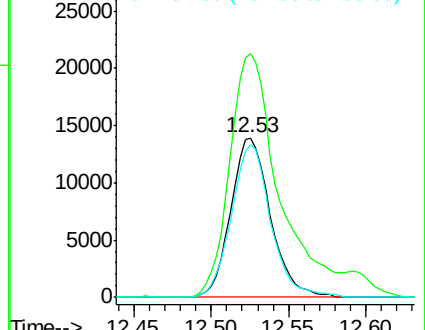
158 95.0 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.25 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054760.D

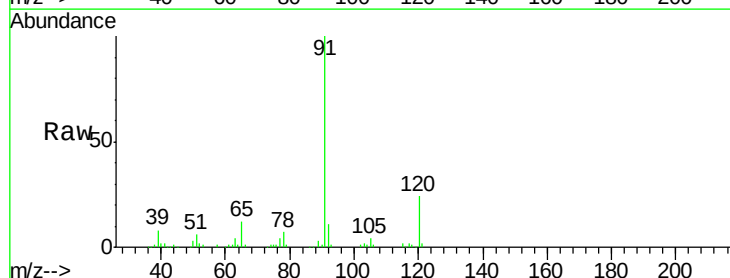
Acq: 29 Mar 2019 10:27

Tgt Ion: 91 Resp: 104852

Ion Ratio Lower Upper

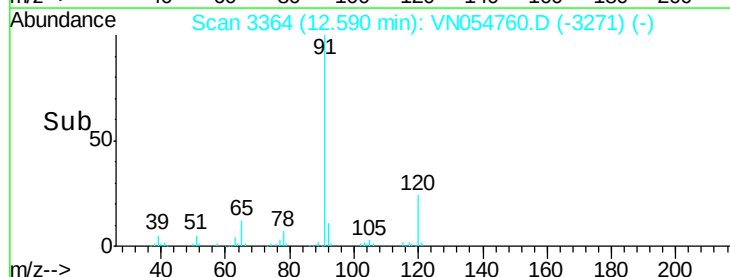
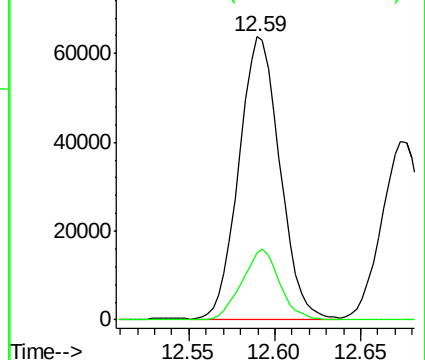
91 100

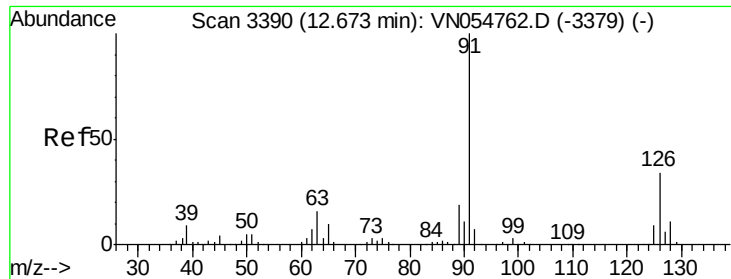
120 23.1 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.51 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

Instrument :

MSVOA_N

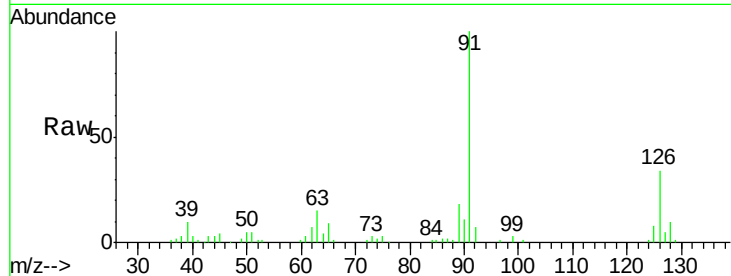
ClientSampleId :

Tot Ion: 91 Resp: 68085

Ion Ratio Lower Upper

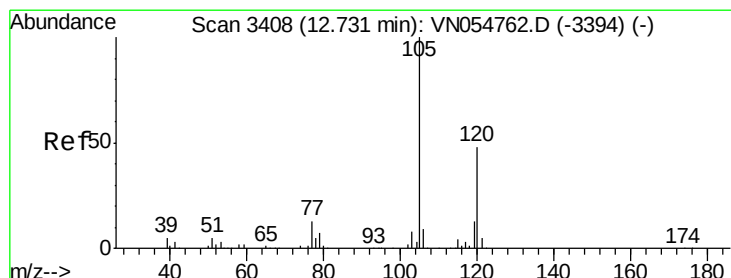
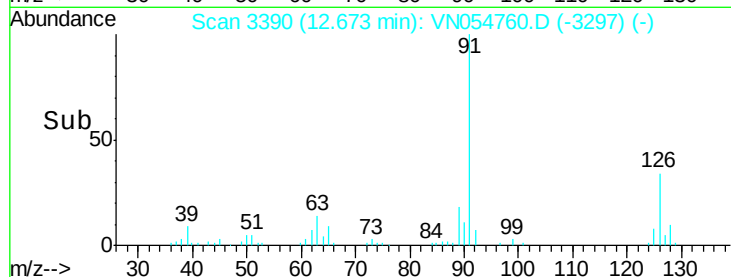
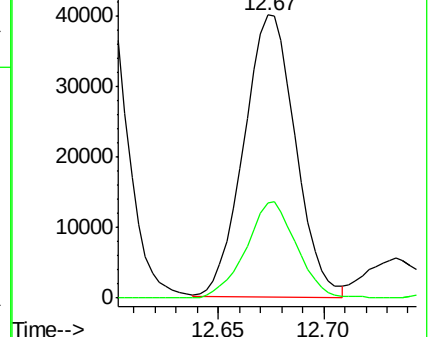
91 100

126 33.4 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VN054760.D (-3379) (-)

Ion 125.90 (125.60 to 126.60): VN054760.D (-3379) (-)



#80

1,3,5-Trimethylbenzene

Concen: 5.56 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054760.D

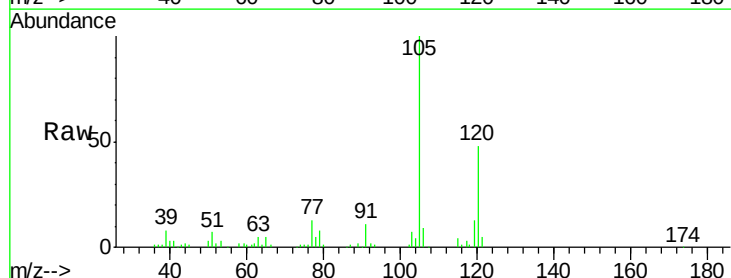
Acq: 29 Mar 2019 10:27

Tgt Ion: 105 Resp: 82851

Ion Ratio Lower Upper

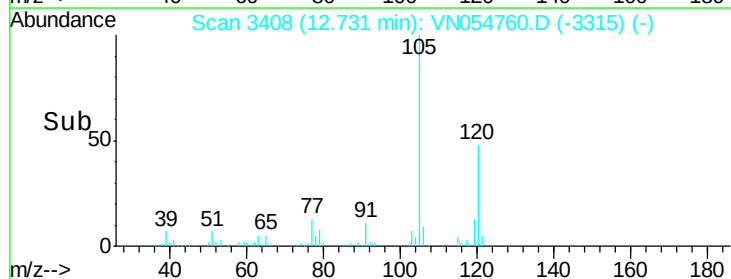
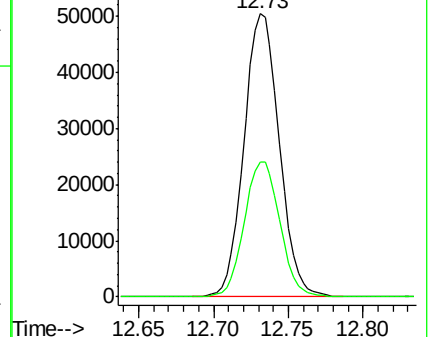
105 100

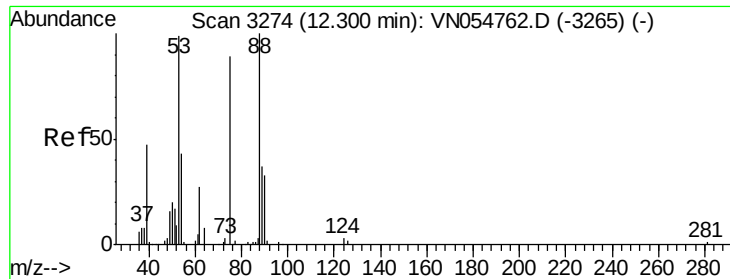
120 48.0 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054760.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN054760.D (-3394) (-)

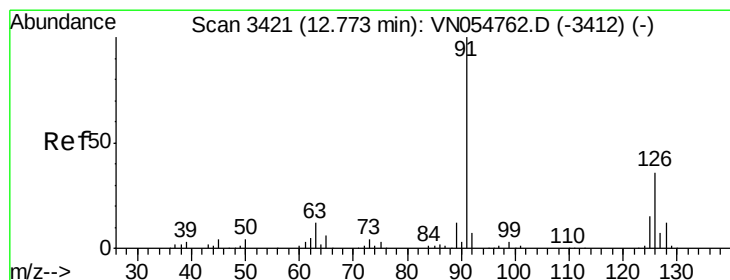
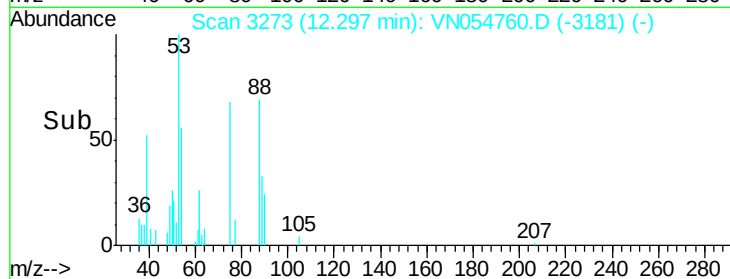
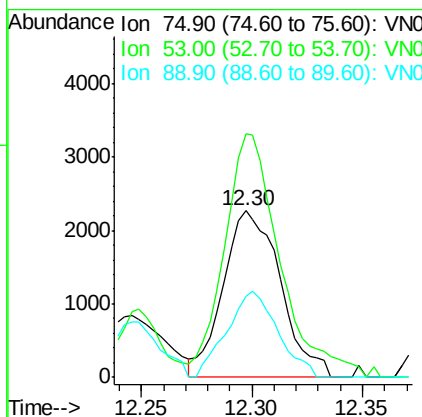
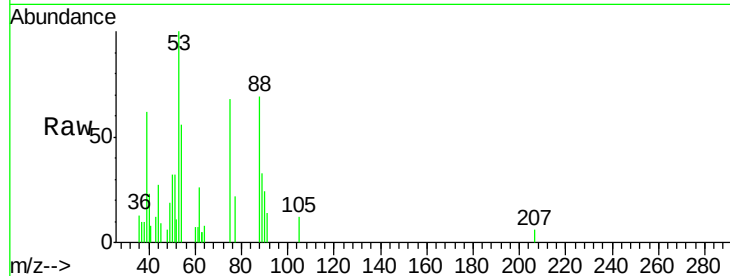




#81
trans-1,4-Dichloro-2-butene
Concen: 4.12 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. -0.00 min
Lab File: VN054760.D
Acq: 29 Mar 2019 10:27

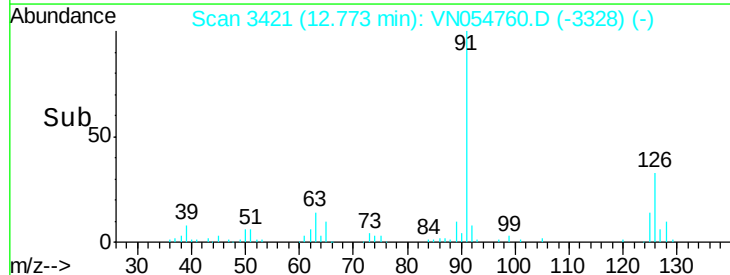
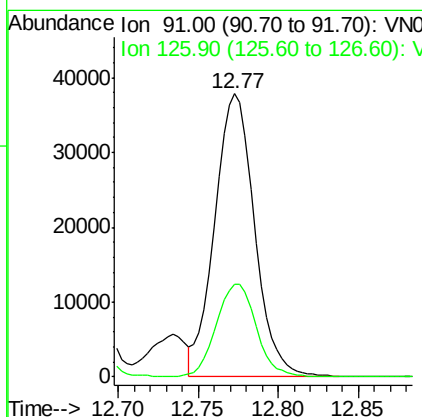
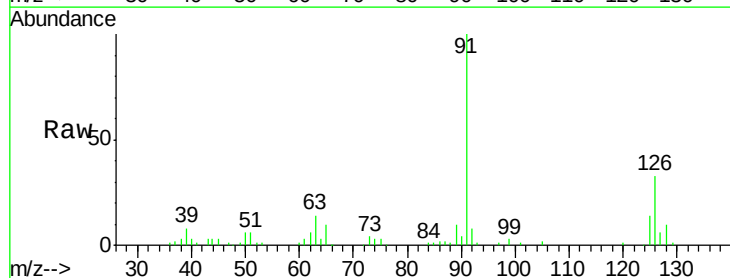
Instrument :
MSVOA_N
ClientSampleId :

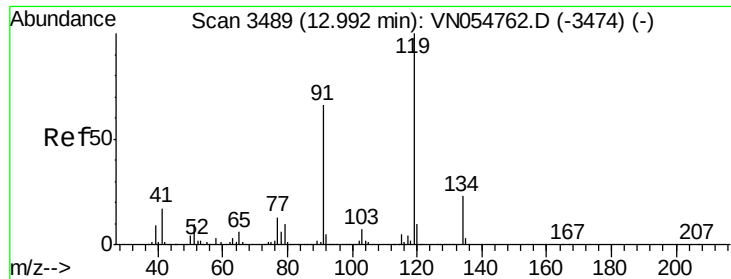
Tot Ion: 75 Resp: 4093
Ion Ratio Lower Upper
75 100
53 142.2 76.2 114.2#
89 45.8 39.2 58.8



#82
4-Chlorotoluene
Concen: 5.39 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN054760.D
Acq: 29 Mar 2019 10:27

Tgt Ion: 91 Resp: 64645
Ion Ratio Lower Upper
91 100
126 32.6 18.1 54.1

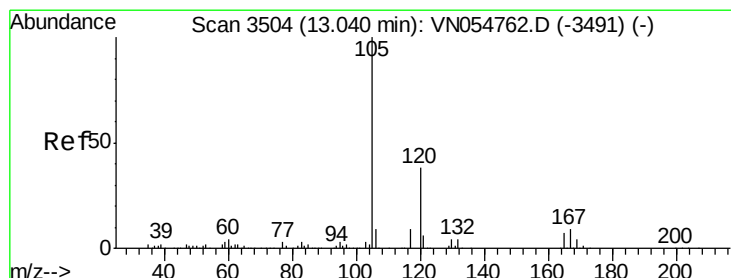
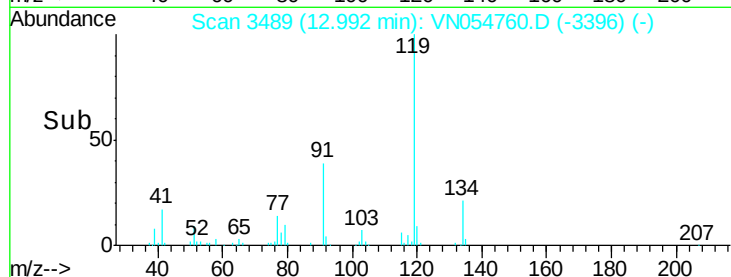
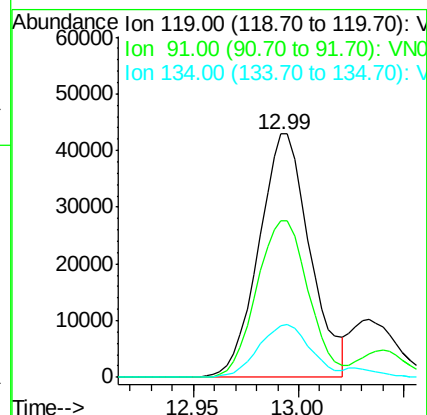
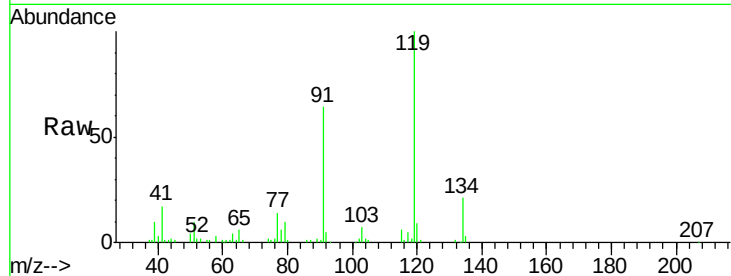




#83
 tert-Butylbenzene
 Concen: 4.35 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN054760.D
 Acq: 29 Mar 2019 10:27

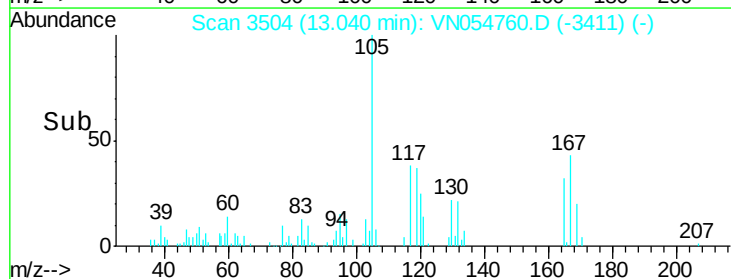
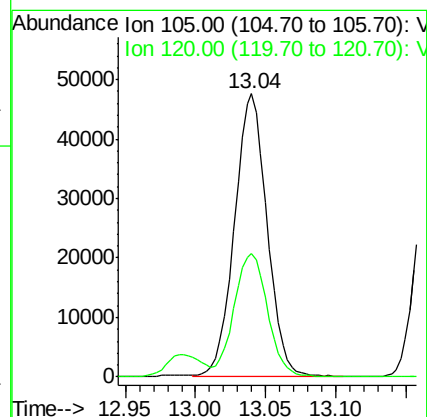
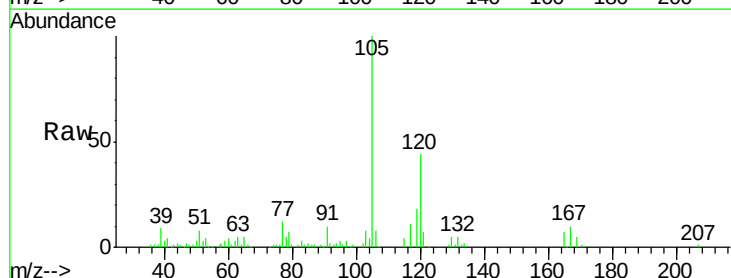
Instrument :
 MSVOA_N
 ClientSampleId :

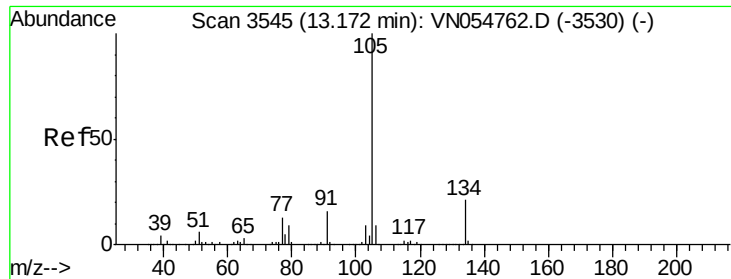
Tot Ion:119 Resp: 72277
 Ion Ratio Lower Upper
 119 100
 91 65.1 30.9 92.8
 134 22.1 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 5.43 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN054760.D
 Acq: 29 Mar 2019 10:27

Tgt Ion:105 Resp: 77158
 Ion Ratio Lower Upper
 105 100
 120 44.8 23.4 70.3





#85

sec-Butylbenzene

Concen: 5.36 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

Instrument :

MSVOA_N

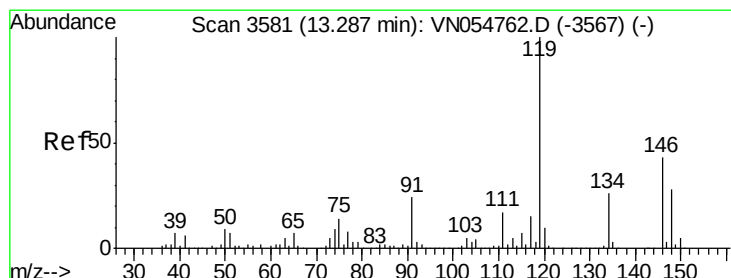
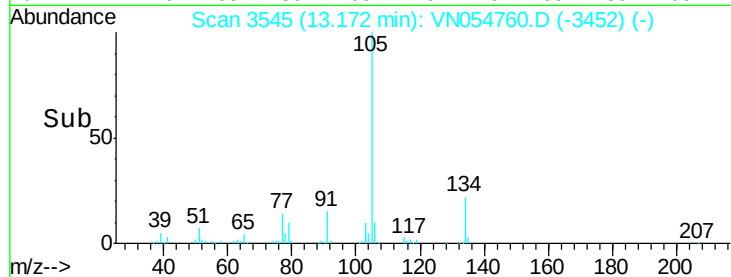
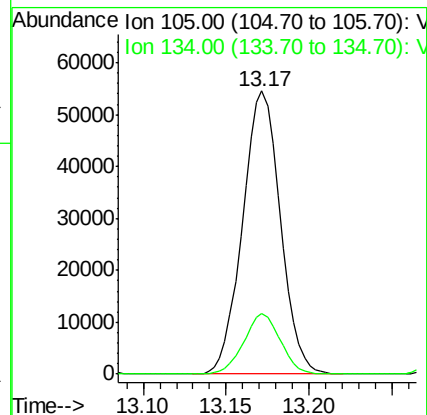
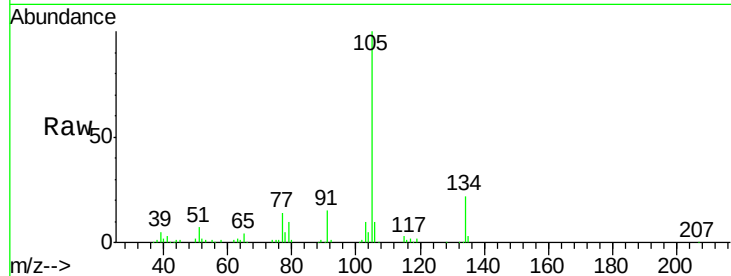
ClientSampleId :

Tot Ion:105 Resp: 86713

Ion Ratio Lower Upper

105 100

134 20.7 10.7 32.1



#86

p-Isopropyltoluene

Concen: 5.28 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

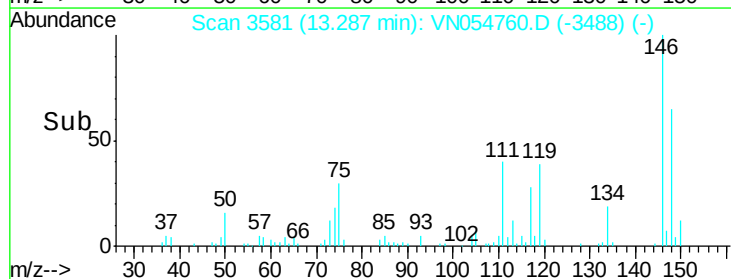
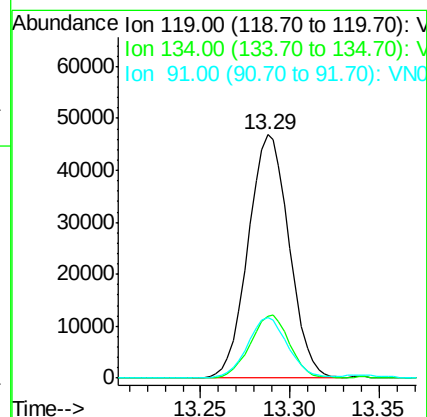
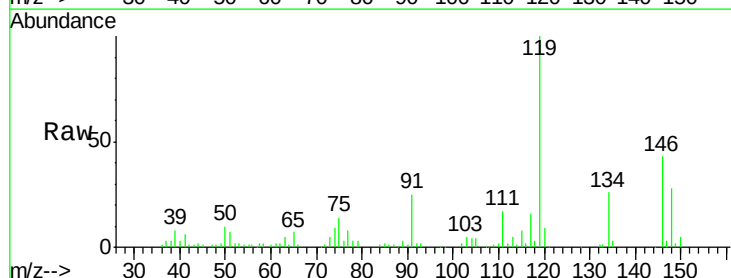
Tgt Ion:119 Resp: 75409

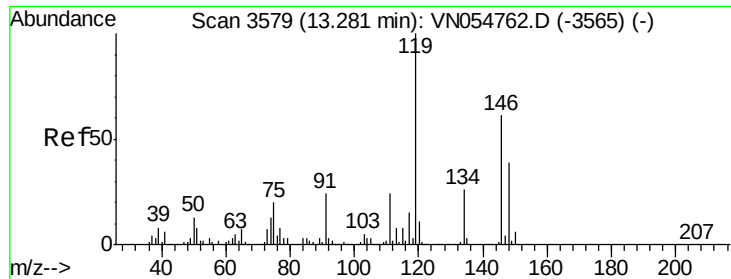
Ion Ratio Lower Upper

119 100

134 24.9 13.6 40.8

91 24.5 11.1 33.3

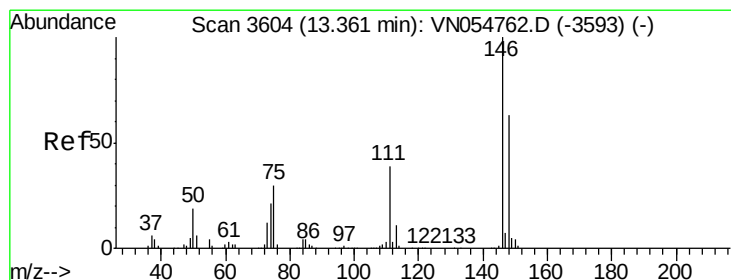
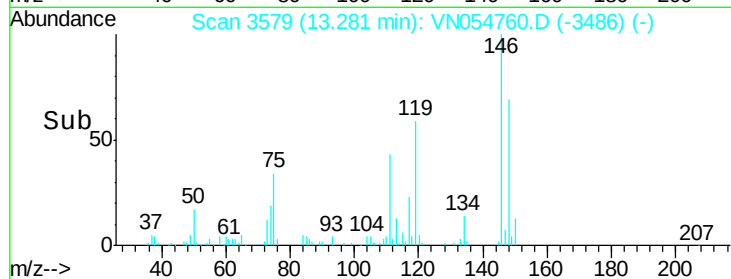
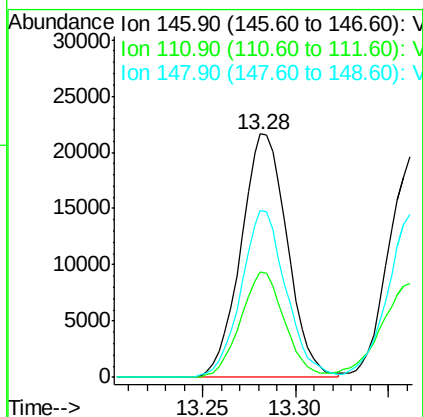
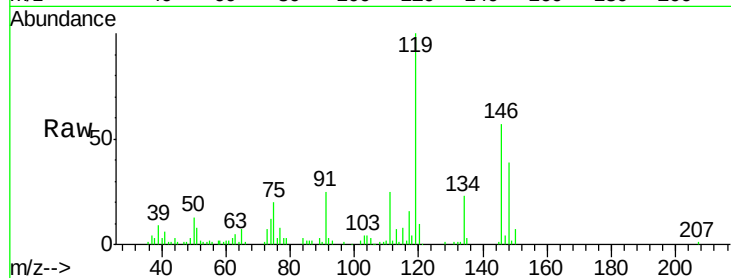




#87
 1,3-Dichlorobenzene
 Concen: 5.11 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN054760.D
 Acq: 29 Mar 2019 10:27

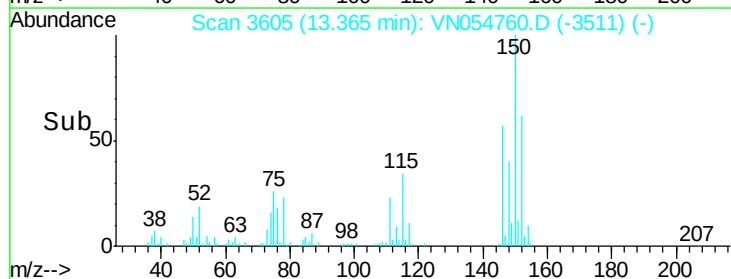
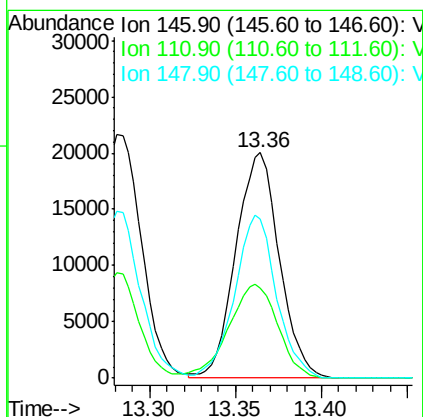
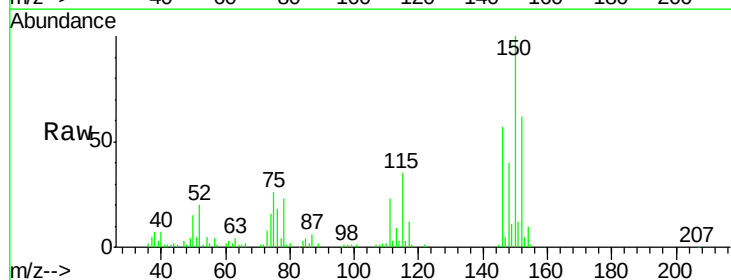
Instrument :
 MSVOA_N
 ClientSampled :

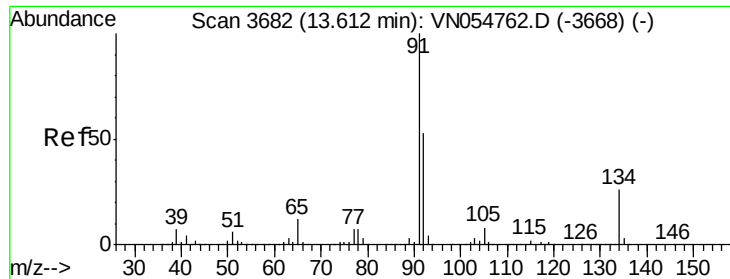
Tot Ion:146 Resp: 37493
 Ion Ratio Lower Upper
 146 100
 111 41.0 18.8 56.3
 148 66.5 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 4.89 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN054760.D
 Acq: 29 Mar 2019 10:27

Tgt Ion:146 Resp: 35174
 Ion Ratio Lower Upper
 146 100
 111 47.1 18.1 54.1
 148 69.6 32.0 96.0





#89

n-Butylbenzene

Concen: 4.69 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

Instrument :

MSVOA_N

ClientSampled :

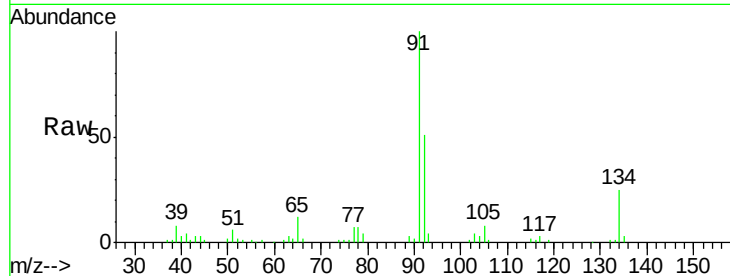
Tot Ion: 91 Resp: 54630

Ion Ratio Lower Upper

91 100

92 52.0 26.2 78.6

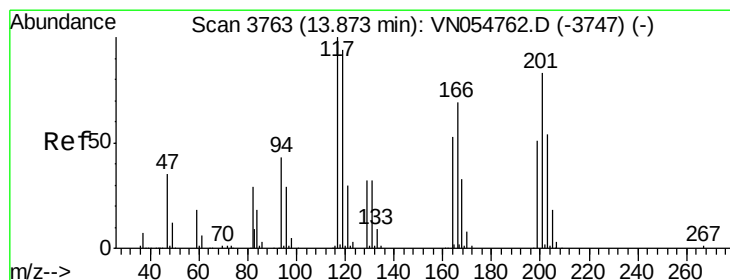
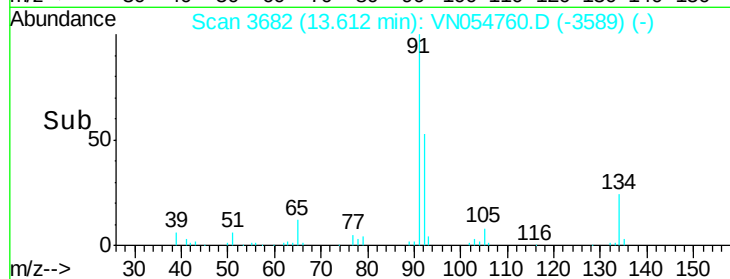
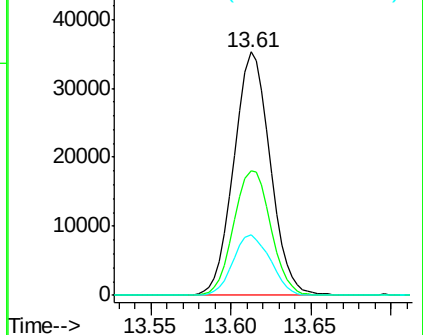
134 25.3 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VN054760.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN054760.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN054760.D (-3668) (-)



#90

Hexachloroethane

Concen: 4.84 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. -0.00 min

Lab File: VN054760.D

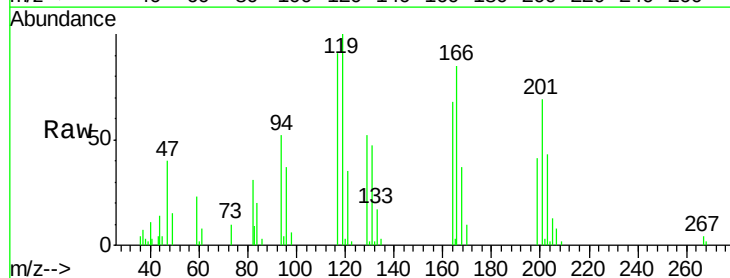
Acq: 29 Mar 2019 10:27

Tgt Ion: 117 Resp: 11739

Ion Ratio Lower Upper

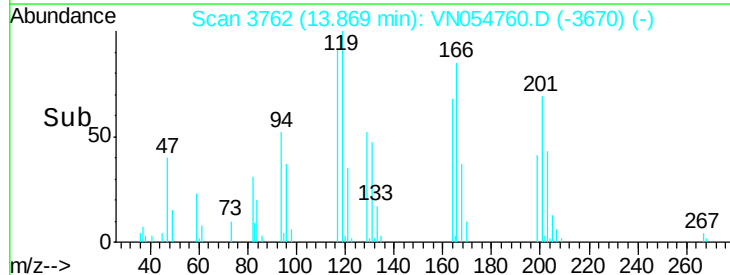
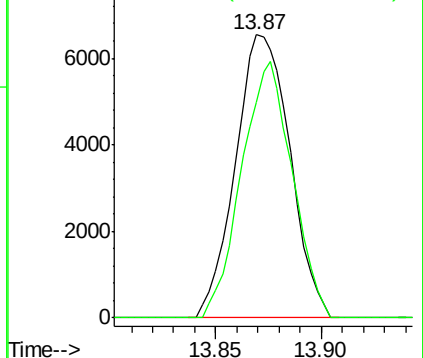
117 100

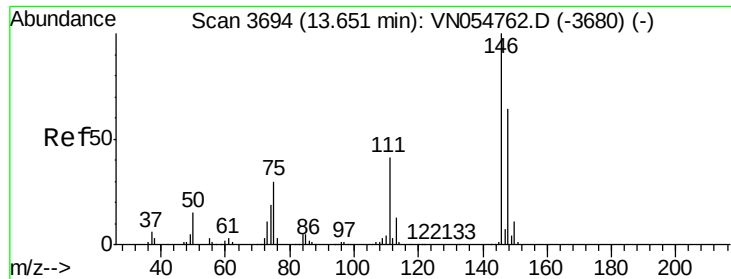
201 84.1 48.1 144.4



Abundance Ion 116.80 (116.50 to 117.50): VN054760.D (-3747) (-)

Ion 200.70 (200.40 to 201.40): VN054760.D (-3747) (-)

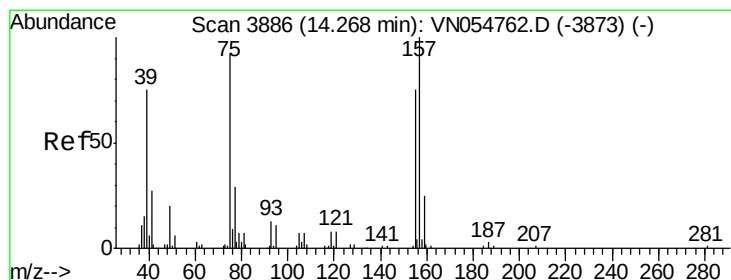
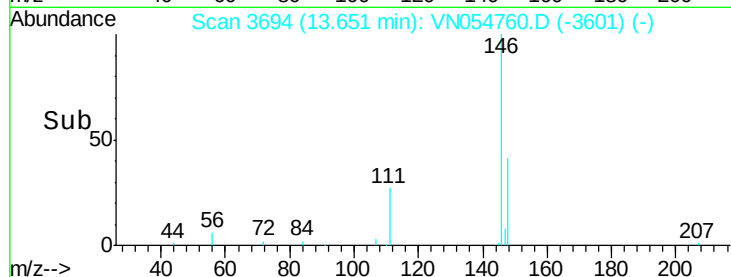
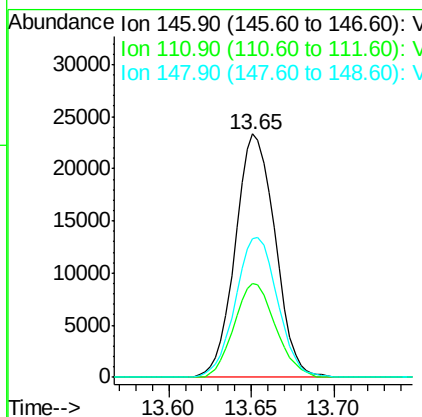
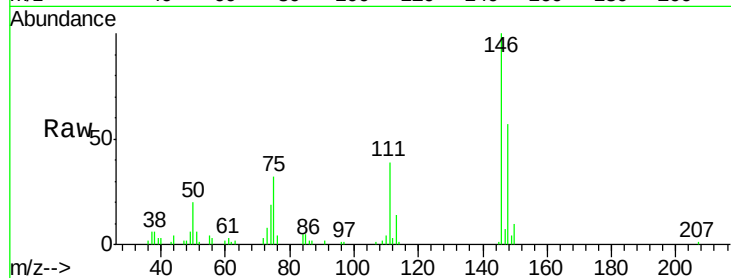




#91
 1,2-Dichlorobenzene
 Concen: 5.28 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN054760.D
 Acq: 29 Mar 2019 10:27

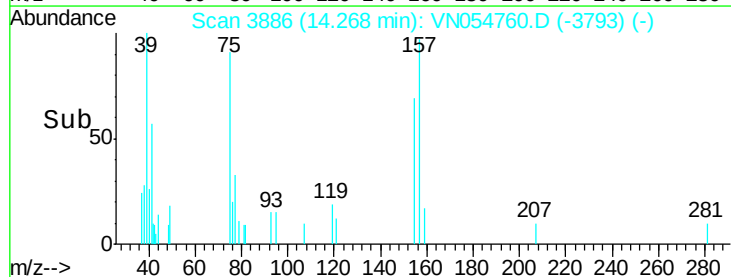
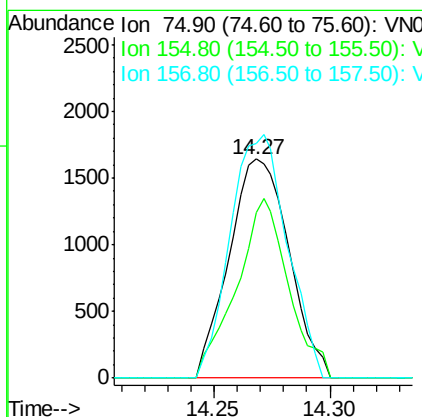
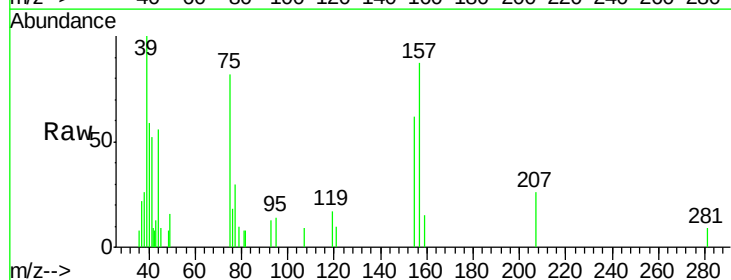
Instrument :
 MSVOA_N
 ClientSampleId :

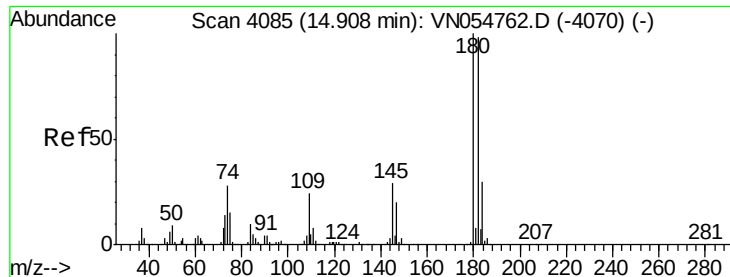
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.1	57.3
148	60.8	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.76 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN054760.D
 Acq: 29 Mar 2019 10:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.8	50.1	150.3
157	105.8	63.1	189.3

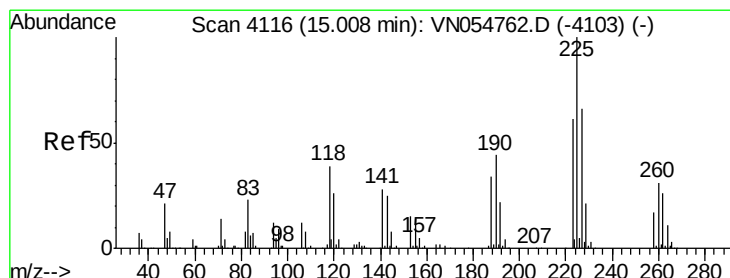
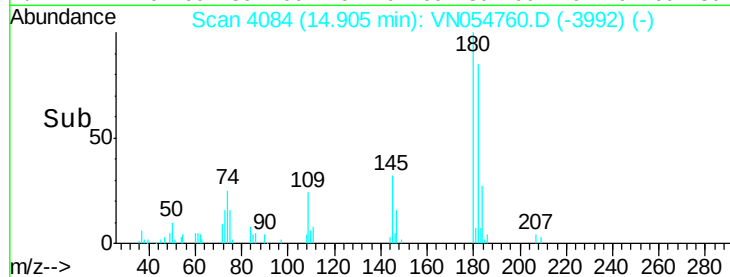
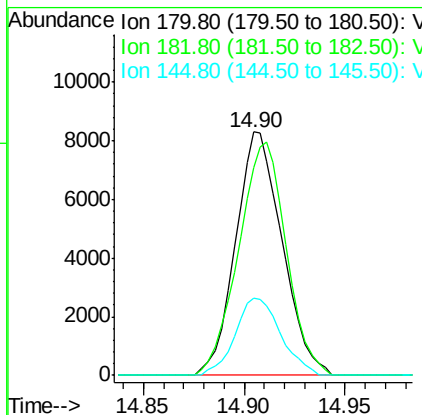
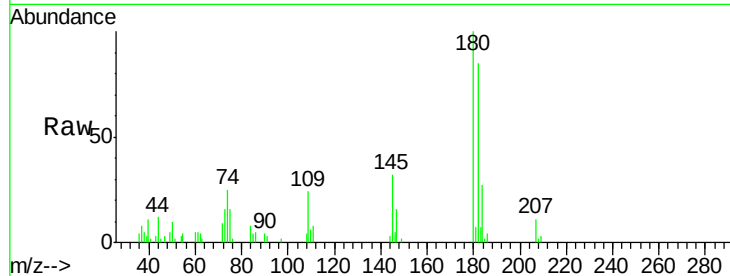




#93
 1,2,4-Trichlorobenzene
 Concen: 3.76 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN054760.D
 Acq: 29 Mar 2019 10:27

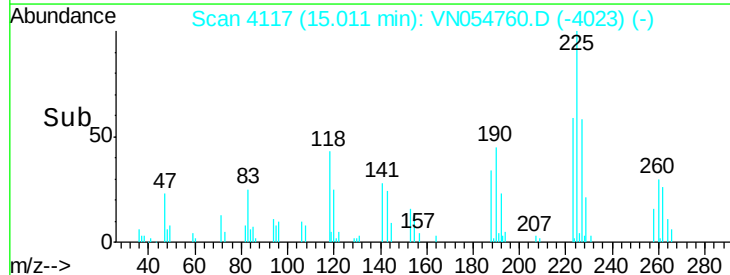
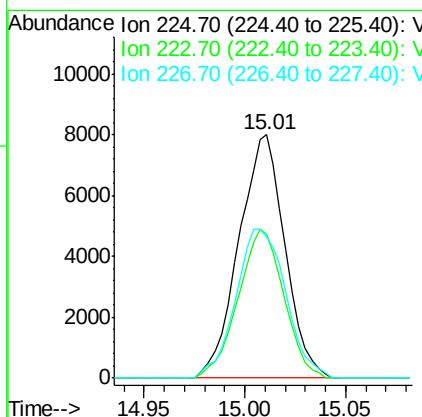
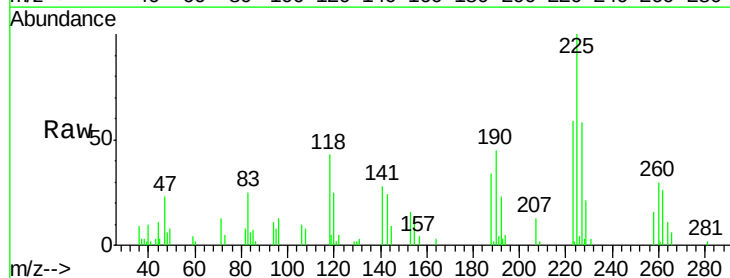
Instrument :
 MSVOA_N
 ClientSampled :

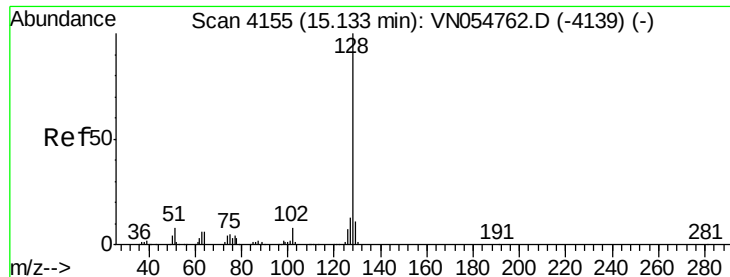
Tot Ion:180 Resp: 13414
 Ion Ratio Lower Upper
 180 100
 182 97.9 48.0 144.2
 145 31.0 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 4.11 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN054760.D
 Acq: 29 Mar 2019 10:27

Tgt Ion:225 Resp: 12773
 Ion Ratio Lower Upper
 225 100
 223 60.6 31.1 93.5
 227 66.8 31.9 95.9





#95

Naphthalene

Concen: 3.63 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

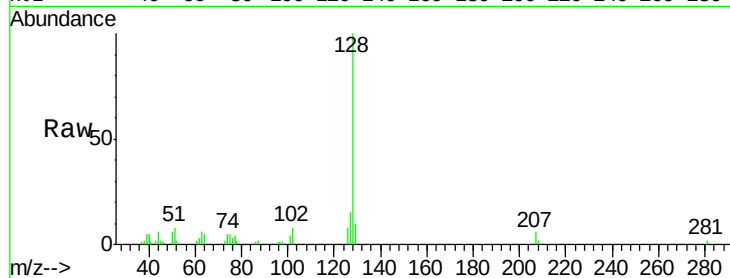
Tot Ion:128 Resp: 29045

Ion Ratio Lower Upper

128 100

127 13.7 10.1 15.1

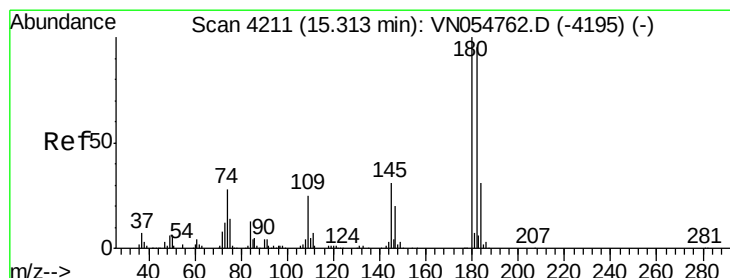
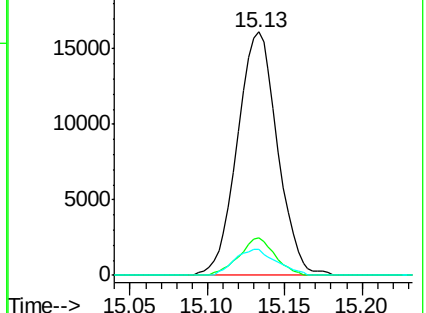
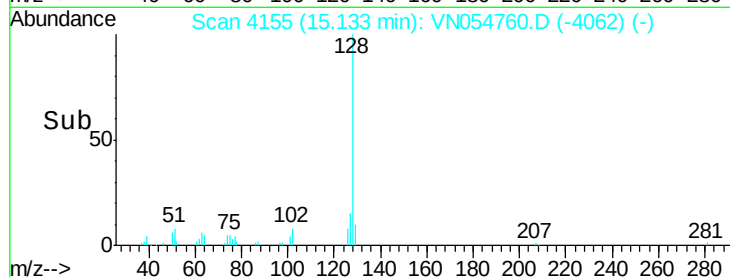
129 11.0 8.7 13.1



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: 4.12 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN054760.D

Acq: 29 Mar 2019 10:27

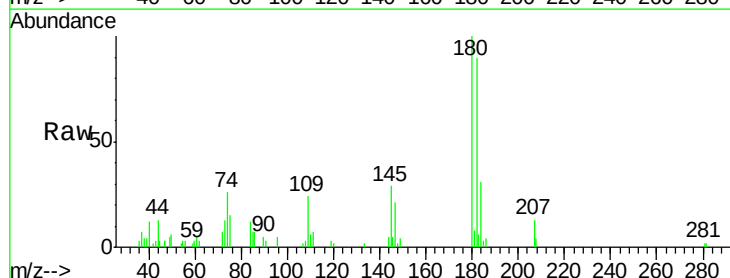
Tgt Ion:180 Resp: 14860

Ion Ratio Lower Upper

180 100

182 91.5 47.5 142.6

145 30.7 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

