

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071218\
 Data File : VN049774.D
 Acq On : 12 Jul 2018 15:06
 Operator : MD\SY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 13 02:32:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1462754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2125586	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1930169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1020963	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	782216	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
35) Dibromofluoromethane	7.59	113	757850	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	
50) Toluene-d8	10.09	98	2527651	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	
62) 4-Bromofluorobenzene	12.40	95	949791	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	600310	47.307	ug/l	95
3) Chloromethane	2.06	50	787758	46.881	ug/l	99
4) Vinyl Chloride	2.19	62	883234	47.568	ug/l	100
5) Bromomethane	2.56	94	579867	50.437	ug/l	98
6) Chloroethane	2.70	64	561789	43.178	ug/l	100
7) Trichlorofluoromethane	3.01	101	1225577	44.187	ug/l	99
8) Diethyl Ether	3.41	74	444754	44.749	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	781423	43.407	ug/l	99
10) Methyl Iodide	3.95	142	1045153	45.677	ug/l	100
11) Tert butyl alcohol	4.79	59	254035	223.062	ug/l	100
12) 1,1-Dichloroethene	3.73	96	705253	44.586	ug/l	99
13) Acrolein	3.61	56	224831	224.765	ug/l	99
14) Allyl chloride	4.32	41	1169020	45.287	ug/l	98
15) Acrylonitrile	4.99	53	1257947	220.562	ug/l	98
16) Acetone	3.82	43	942608	224.871	ug/l	100
17) Carbon Disulfide	4.05	76	1920017	47.362	ug/l	100
18) Methyl Acetate	4.33	43	641549	45.069	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	2043777	46.579	ug/l	97
20) Methylene Chloride	4.55	84	821679	47.015	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	770881	44.586	ug/l	97
22) Diisopropyl ether	5.95	45	2518785	47.501	ug/l	97
23) Vinyl Acetate	5.90	43	8430570	237.247	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1473126	44.221	ug/l	99
25) 2-Butanone	6.84	43	1444771	217.882	ug/l	100
26) 2,2-Dichloropropane	6.82	77	1264104	45.721	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	902751	45.655	ug/l	98
28) Bromochloromethane	7.19	49	694634	45.846	ug/l	99
29) Tetrahydrofuran	7.21	42	929388	223.200	ug/l	100
30) Chloroform	7.37	83	1511772	44.044	ug/l	98
31) Cyclohexane	7.65	56	1245560	46.963	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1306467	44.817	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1131875	46.209	ug/l	100
37) Ethyl Acetate	6.93	43	649301	44.783	ug/l	99
38) Carbon Tetrachloride	7.77	117	1147749	44.823	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1227637	47.548	ug/l	98
40) Benzene	8.04	78	3360949	45.867	ug/l	100
41) Methacrylonitrile	7.17	41	335948	40.962	ug/l	92
42) 1,2-Dichloroethane	8.12	62	1062139	44.314	ug/l	100
43) Isopropyl Acetate	8.17	43	1208465	46.371	ug/l	97
44) Trichloroethene	8.83	130	899137	45.571	ug/l	99
45) 1,2-Dichloropropane	9.12	63	890609	45.226	ug/l	99
46) Dibromomethane	9.21	93	517010	44.205	ug/l	99
47) Bromodichloromethane	9.40	83	1164745	45.224	ug/l	99
48) Methyl methacrylate	9.20	41	613847	47.111	ug/l	97
49) 1,4-Dioxane	9.20	88	154319	903.880	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	3244379	229.288	ug/l	99
52) Toluene	10.16	92	2101405	47.918	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	1187826	47.948	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1373204	48.666	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	766408	46.138	ug/l	99
56) Ethyl methacrylate	10.43	69	965104	48.754	ug/l	98
57) 1,3-Dichloropropane	10.71	76	1271384	45.506	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	2428182	255.767	ug/l	100
59) 2-Hexanone	10.75	43	2202054	234.095	ug/l	100
60) Dibromochloromethane	10.90	129	877346	45.668	ug/l	98
61) 1,2-Dibromoethane	11.01	107	739143	46.314	ug/l	100
64) Tetrachloroethene	10.63	164	796594	45.454	ug/l	98
65) Chlorobenzene	11.43	112	2325960	46.257	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	871756	46.080	ug/l	99
67) Ethyl Benzene	11.51	91	4037286	49.031	ug/l	100
68) m/p-Xylenes	11.62	106	3086588	99.872	ug/l	99
69) o-Xylene	11.95	106	1480480	49.587	ug/l	98
70) Styrene	11.96	104	2480506	52.304	ug/l	99
71) Bromoform	12.13	173	596676	46.679	ug/l #	100
73) Isopropylbenzene	12.25	105	4034126	47.545	ug/l	100
74) N-amyl acetate	12.07	43	1060915	48.064	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	922287	47.053	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	1142792	63.008	ug/l #	100
77) Bromobenzene	12.53	156	1018072	45.229	ug/l	100
78) n-propylbenzene	12.59	91	4650525	48.613	ug/l	99
79) 2-Chlorotoluene	12.68	91	2720672	46.470	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	3260754	48.358	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	266152	47.389	ug/l	98
82) 4-Chlorotoluene	12.77	91	2801210	48.240	ug/l	100
83) tert-Butylbenzene	12.99	119	2888625	47.880	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	3354892	49.612	ug/l	99
85) sec-Butylbenzene	13.17	105	3906323	49.405	ug/l	100
86) p-Isopropyltoluene	13.29	119	3382921	50.561	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1827462	46.826	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1792749	47.252	ug/l	100
89) n-Butylbenzene	13.62	91	2869644	51.954	ug/l	99
90) Hexachloroethane	13.88	117	630926	48.710	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1738821	45.652	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	132257	44.044	ug/l	97

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QLast Update : Thu Jul 12 15:51:38 2018
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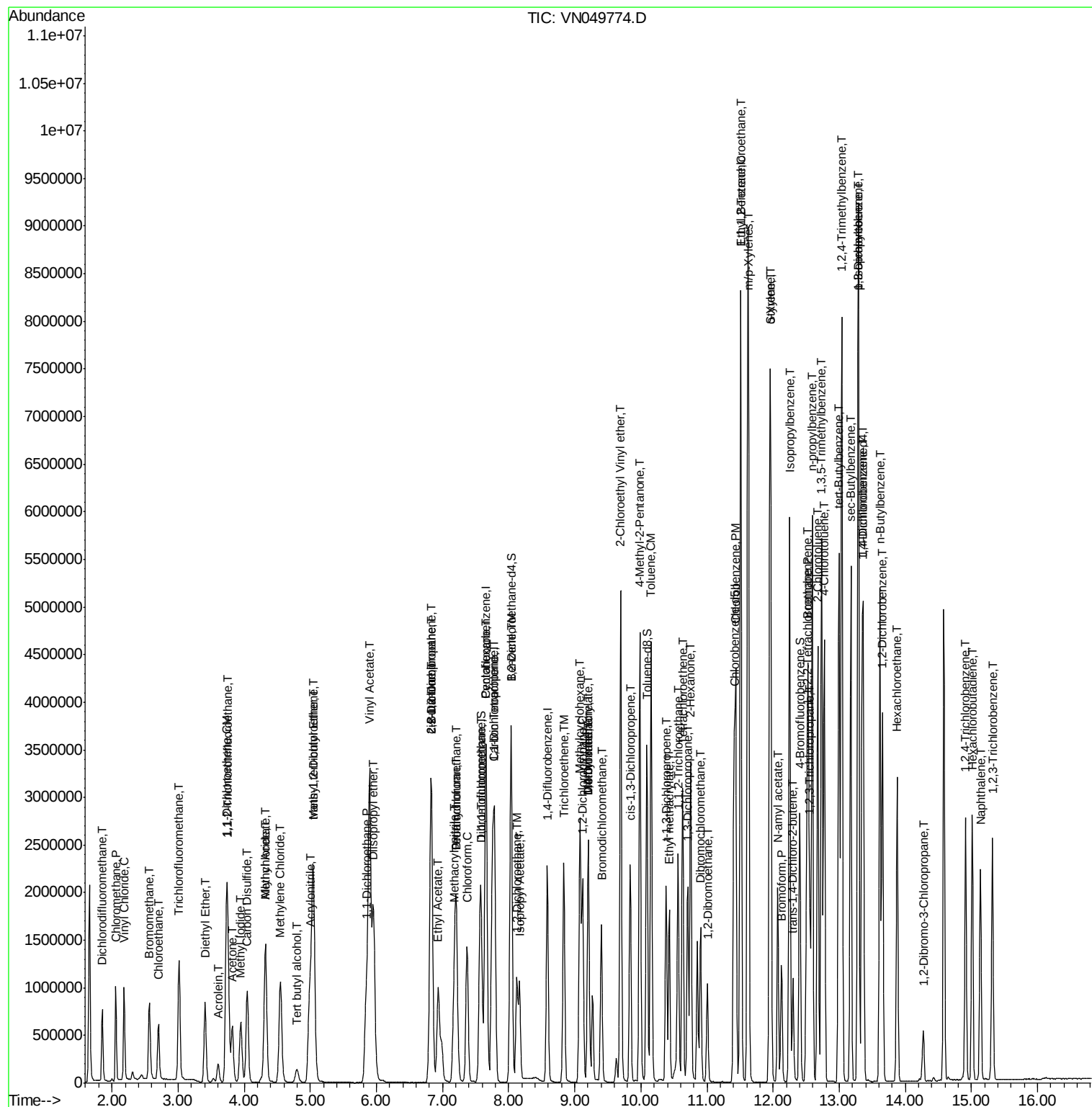
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	956300	45.951	ug/l	99
94) Hexachlorobutadiene	15.01	225	595302	51.093	ug/l	99
95) Naphthalene	15.14	128	1973441	44.219	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	934880	50.613	ug/l	99

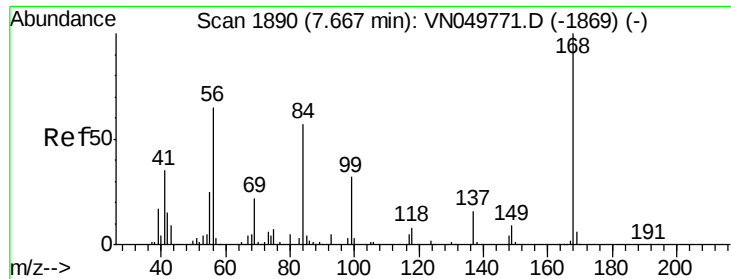
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

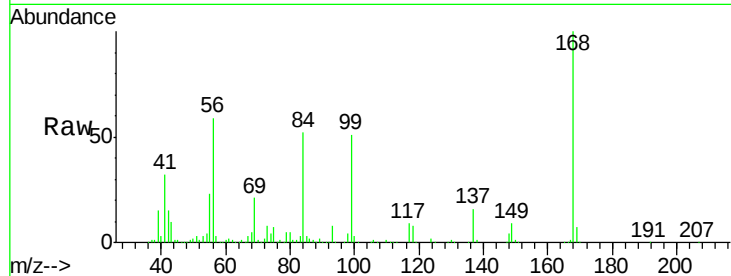
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 1462754

Ion Ratio Lower Upper

168 100

99 50.4 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

600000

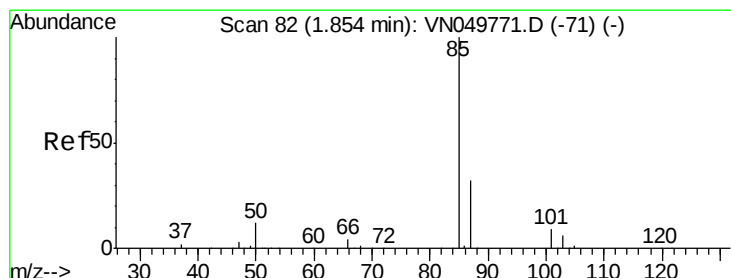
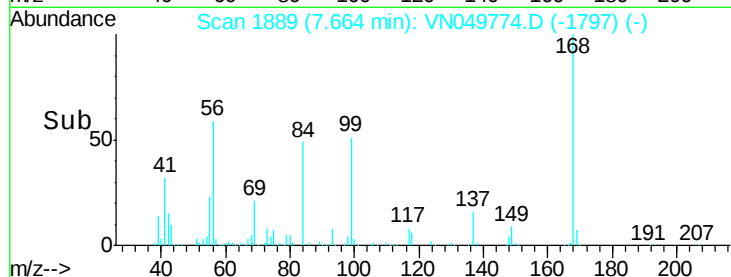
400000

200000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.307 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN049774.D

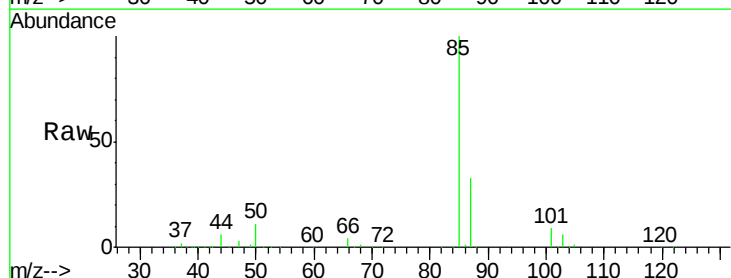
Acq: 12 Jul 2018 15:06

Tgt Ion: 85 Resp: 600310

Ion Ratio Lower Upper

85 100

87 33.2 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

500000

400000

300000

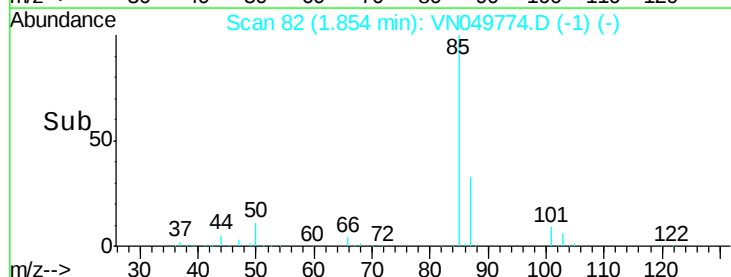
200000

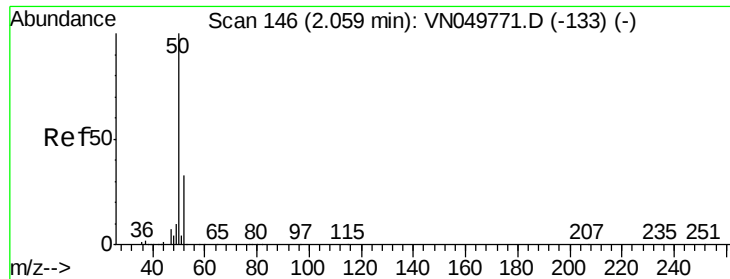
100000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 46.881 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

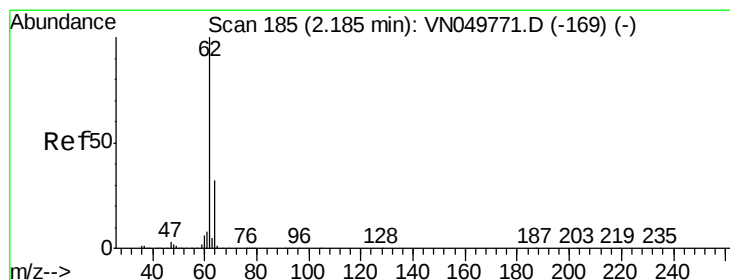
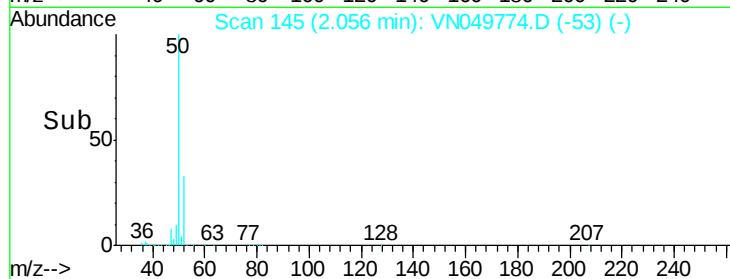
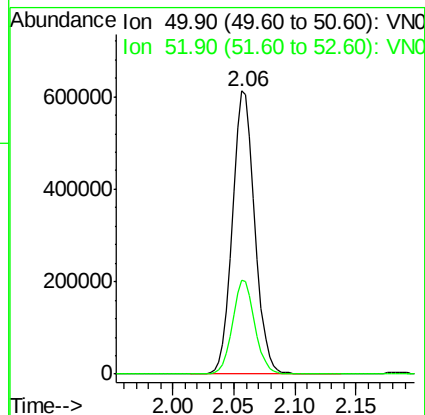
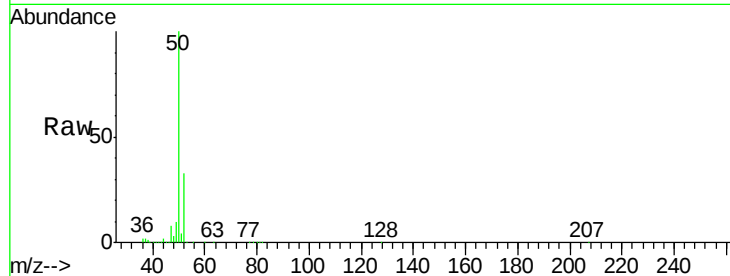
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 50 Resp: 787758

Ion Ratio Lower Upper

50 100

52 33.0 26.1 39.1



#4

Vinyl Chloride

Concen: 47.568 ug/l

RT: 2.19 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049774.D

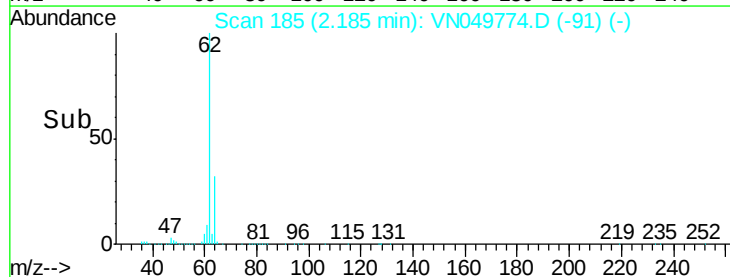
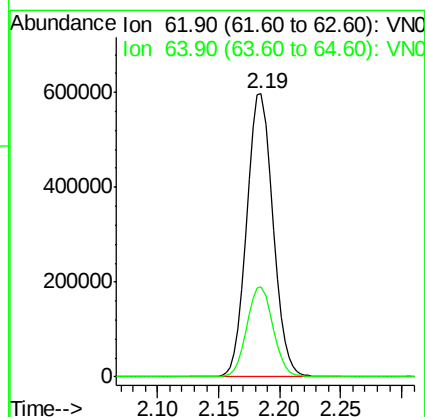
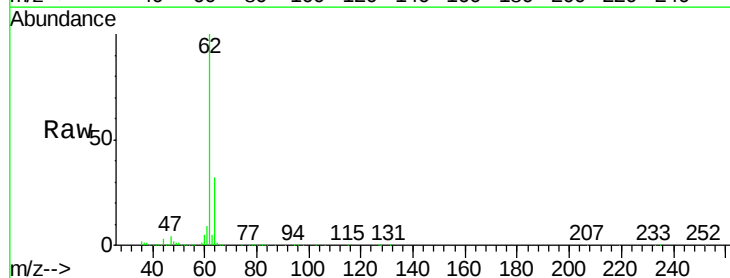
Acq: 12 Jul 2018 15:06

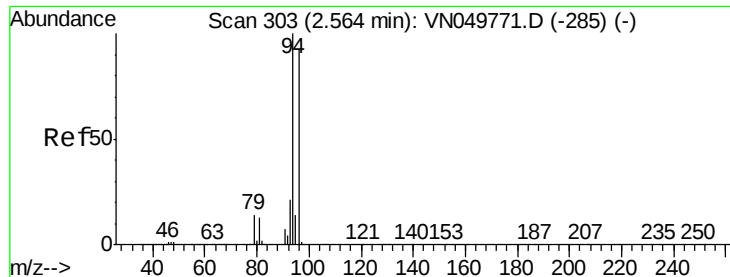
Tgt Ion: 62 Resp: 883234

Ion Ratio Lower Upper

62 100

64 31.6 25.4 38.0





#5

Bromomethane

Concen: 50.437 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

Instrument :

MSVOA_N

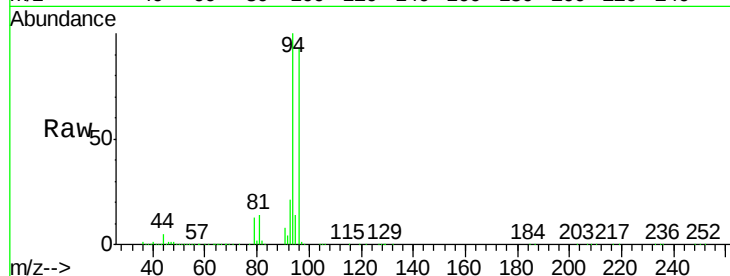
ClientSampleId :

Tot Ion: 94 Resp: 579867

Ion Ratio Lower Upper

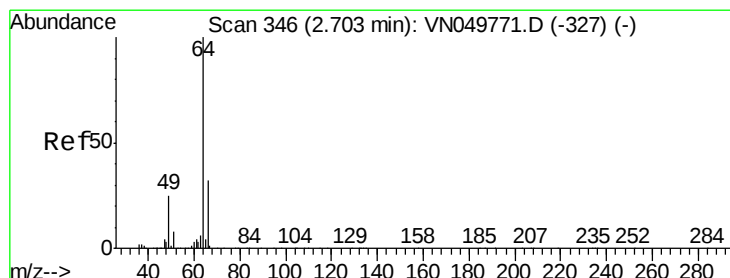
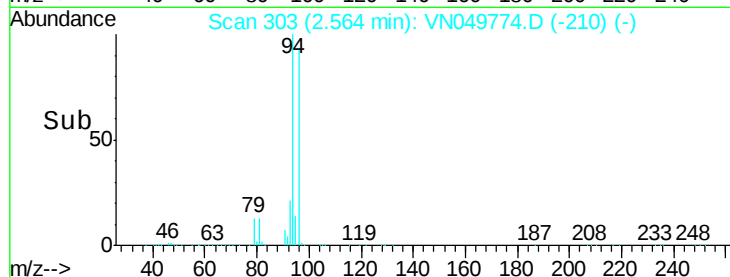
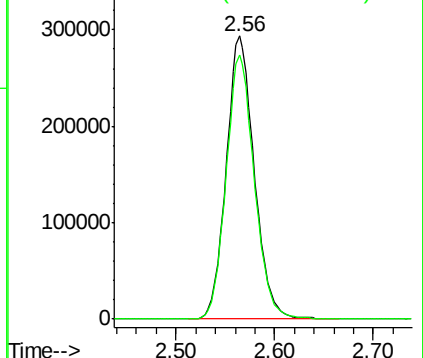
94 100

96 93.1 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 43.178 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049774.D

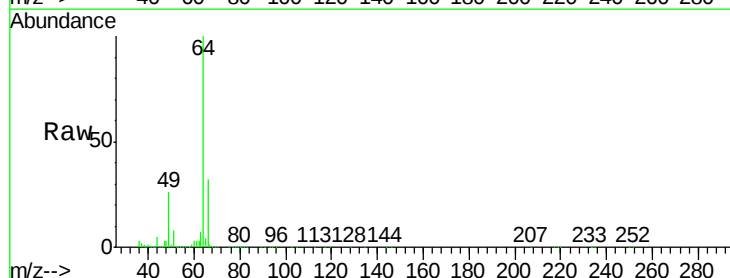
Acq: 12 Jul 2018 15:06

Tgt Ion: 64 Resp: 561789

Ion Ratio Lower Upper

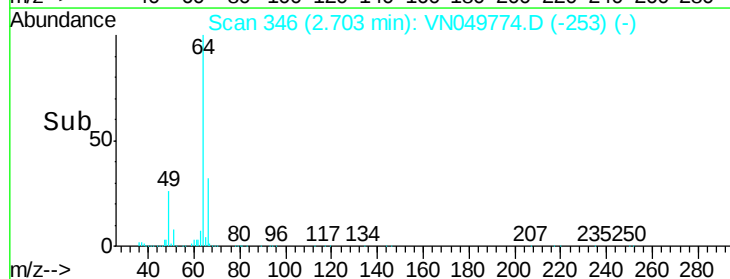
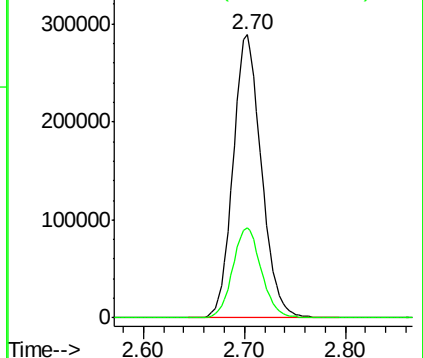
64 100

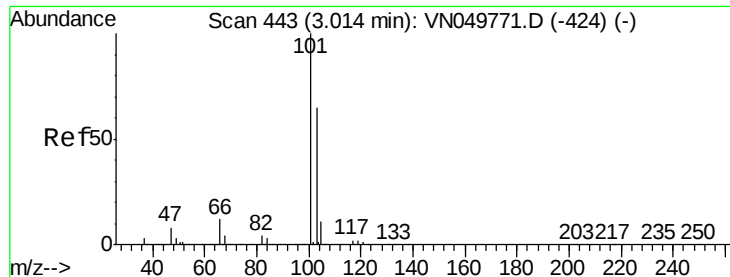
66 31.9 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



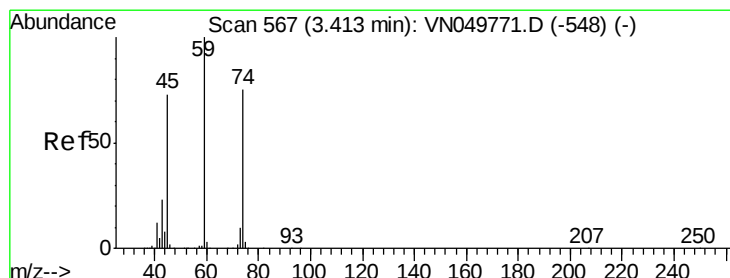
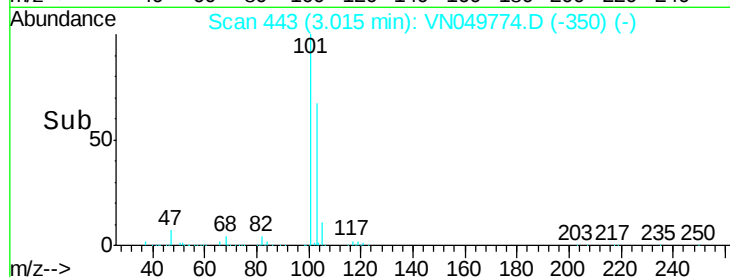
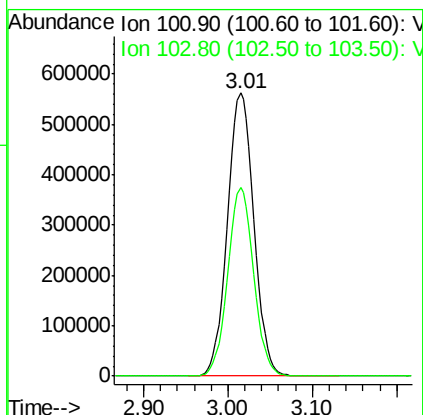
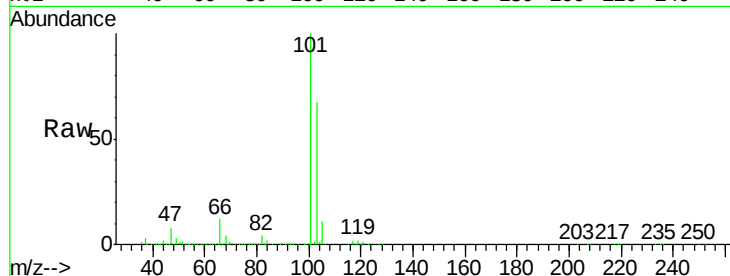


#7

Trichlorofluoromethane
Concen: 44.187 ug/l
RT: 3.01 min Scan# 443
Delta R.T. 0.00 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

Instrument :
MSVOA_N
ClientSampled :

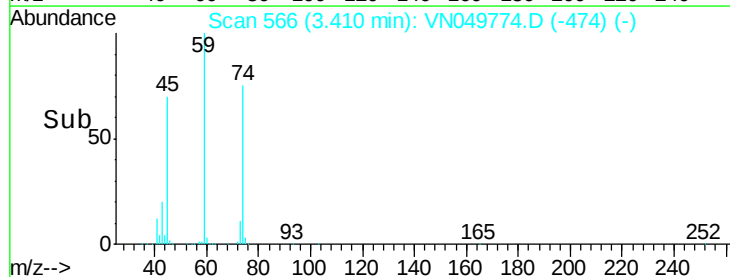
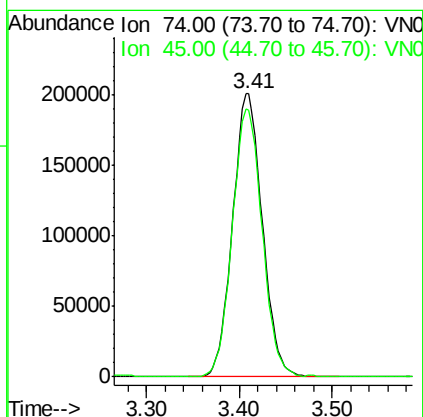
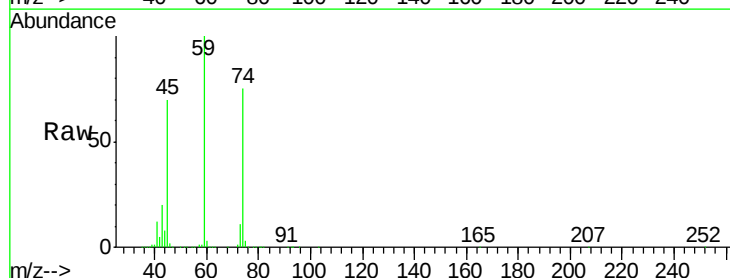
Tot Ion:101 Resp: 1225577
Ion Ratio Lower Upper
101 100
103 66.7 52.8 79.2

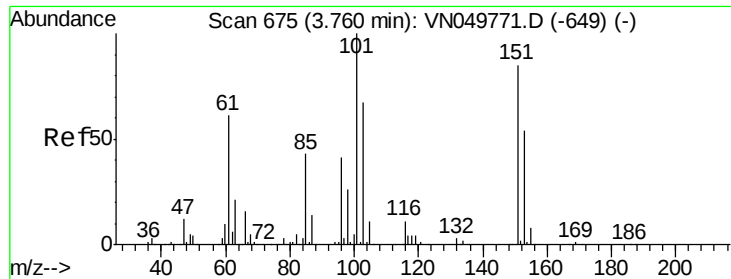


#8

Diethyl Ether
Concen: 44.749 ug/l
RT: 3.41 min Scan# 566
Delta R.T. -0.00 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

Tgt Ion: 74 Resp: 444754
Ion Ratio Lower Upper
74 100
45 94.8 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.407 ug/l

RT: 3.75 min Scan# 672

Delta R.T. -0.01 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

Instrument :

MSVOA_N

ClientSampleId :

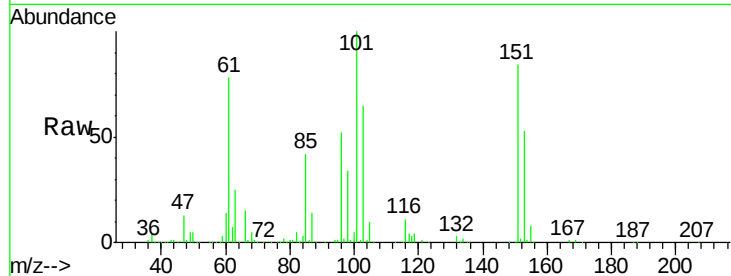
Tot Ion:101 Resp: 781423

Ion Ratio Lower Upper

101 100

85 42.4 34.4 51.6

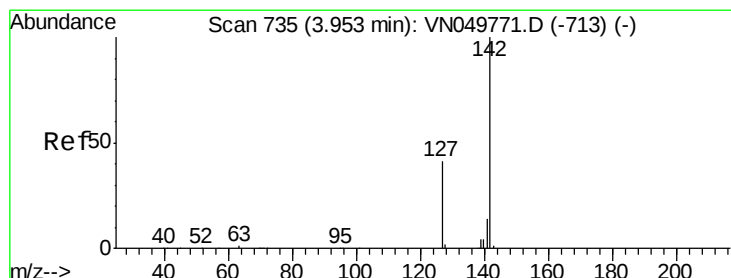
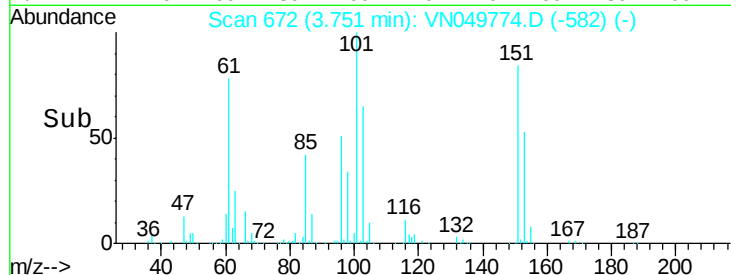
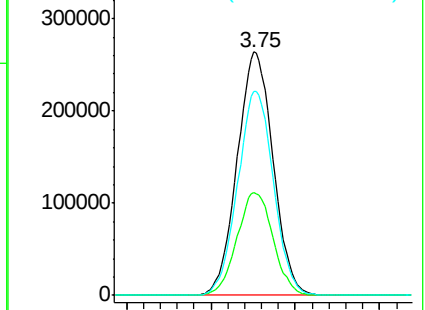
151 83.7 66.2 99.4



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: 45.677 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.01 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

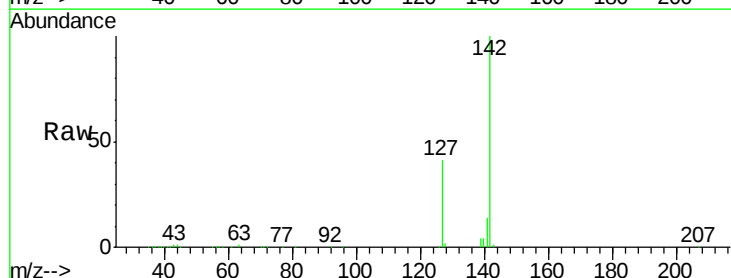
Tgt Ion:142 Resp: 1045153

Ion Ratio Lower Upper

142 100

127 40.4 32.5 48.7

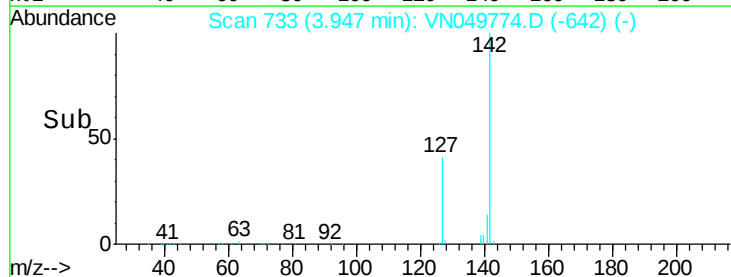
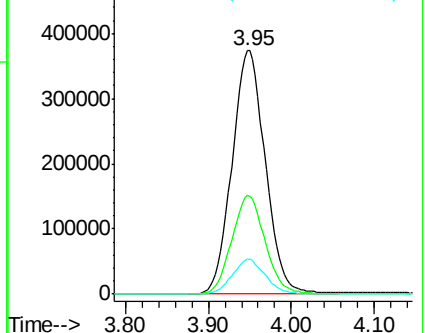
141 14.2 11.1 16.7

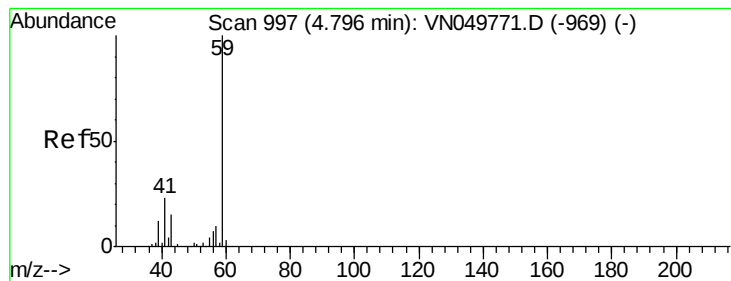


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



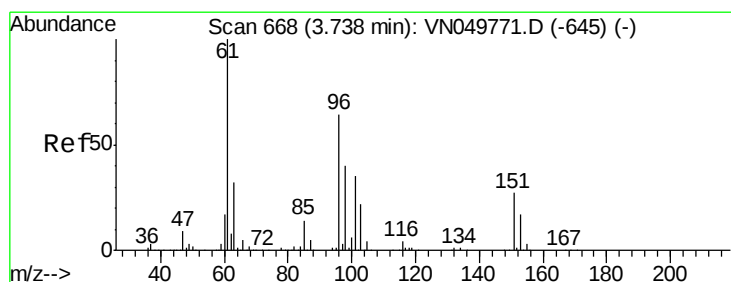
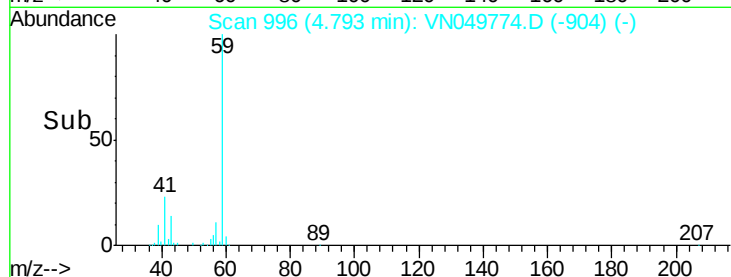
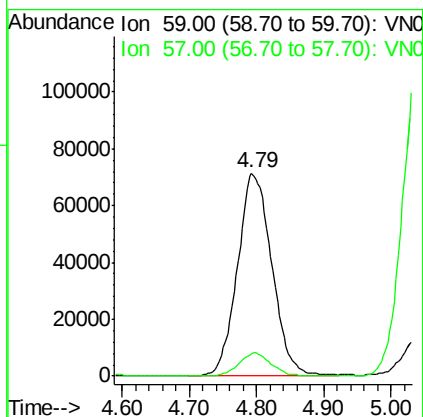
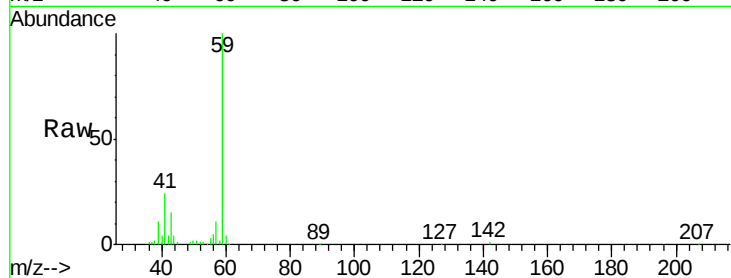


#11

Tert butyl alcohol
Concen: 223.062 ug/l
RT: 4.79 min Scan# 996
Delta R.T. -0.00 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

Instrument :
MSVOA_N
ClientSampled :

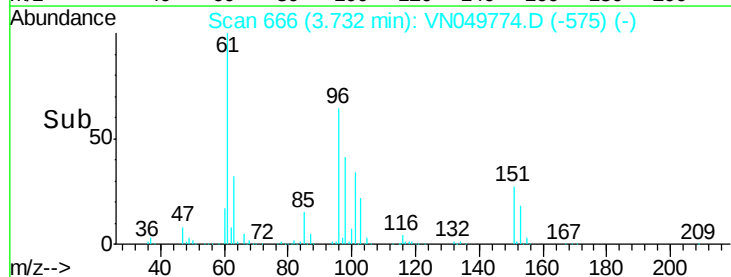
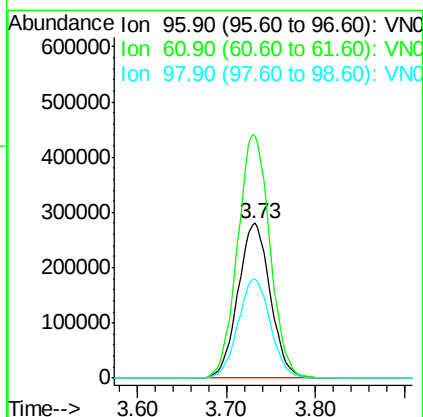
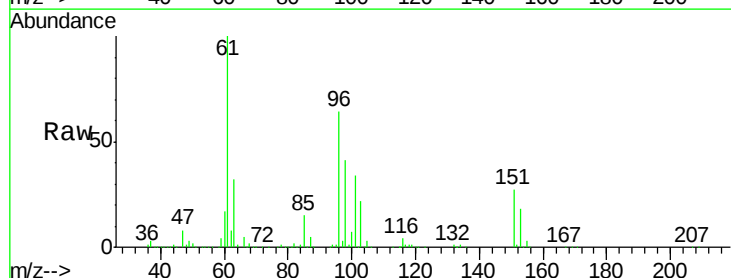
Tot Ion: 59 Resp: 254035
Ion Ratio Lower Upper
59 100
57 10.8 8.5 12.7

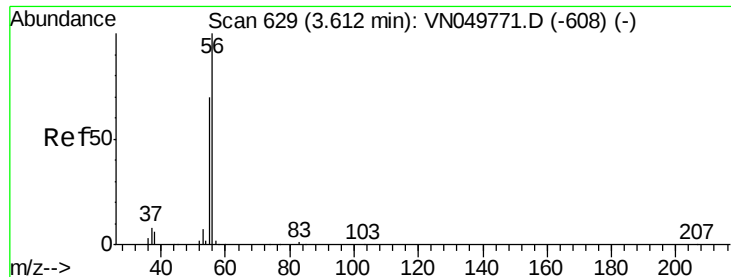


#12

1,1-Dichloroethene
Concen: 44.586 ug/l
RT: 3.73 min Scan# 666
Delta R.T. -0.01 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

Tgt Ion: 96 Resp: 705253
Ion Ratio Lower Upper
96 100
61 156.8 126.5 189.7
98 64.2 51.0 76.6





#13

Acrolein

Concen: 224.765 ug/l

RT: 3.61 min Scan# 627

Delta R.T. -0.01 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

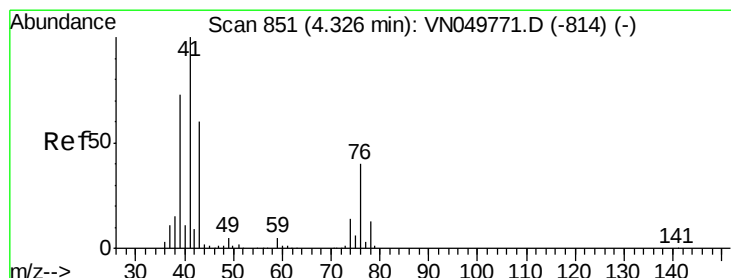
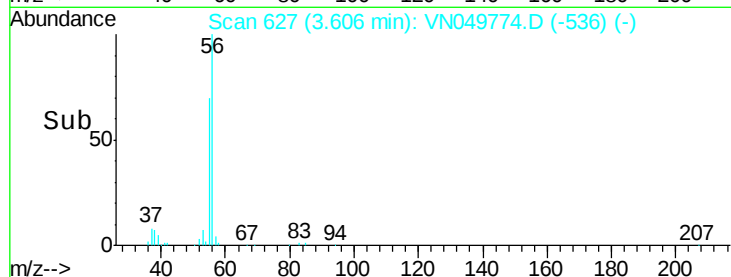
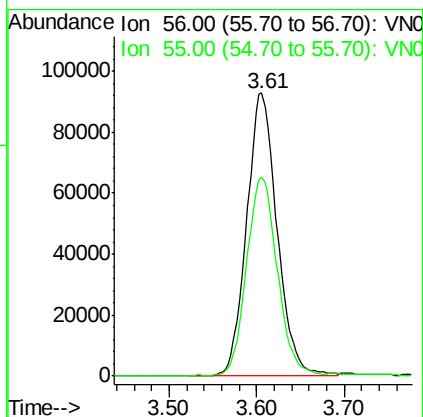
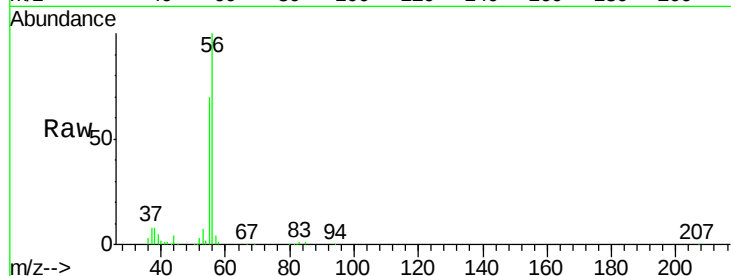
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 224831

Ion Ratio Lower Upper

56 100

55 70.3 55.8 83.8



#14

Allyl chloride

Concen: 45.287 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.01 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

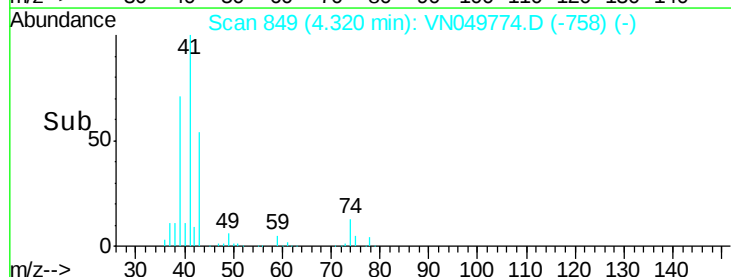
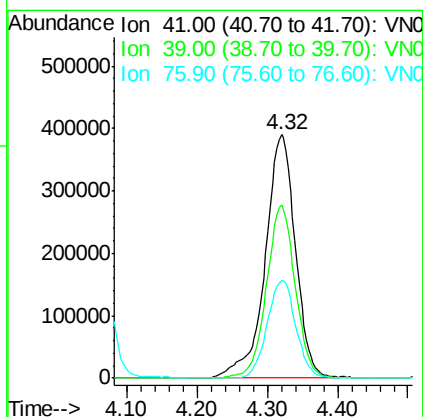
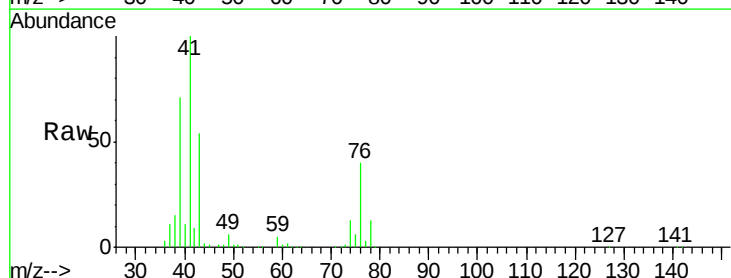
Tgt Ion: 41 Resp: 1169020

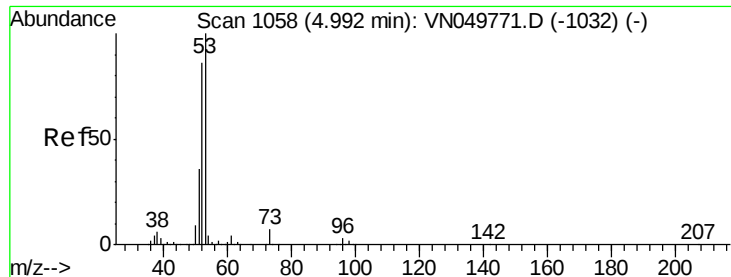
Ion Ratio Lower Upper

41 100

39 67.4 53.2 79.8

76 37.7 29.0 43.6





#15

Acrylonitrile

Concen: 220.562 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. -0.00 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

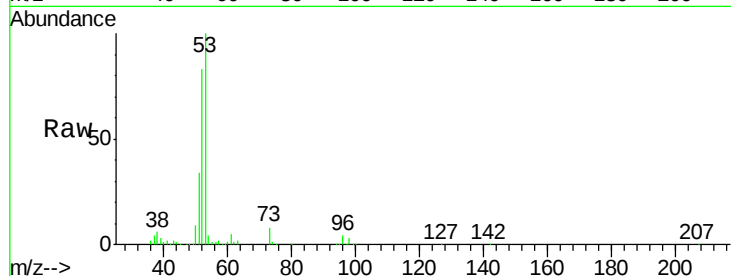
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 53 Resp: 1257947

Ion	Ratio	Lower	Upper
53	100		
52	83.1	64.8	97.2
51	36.4	28.9	43.3

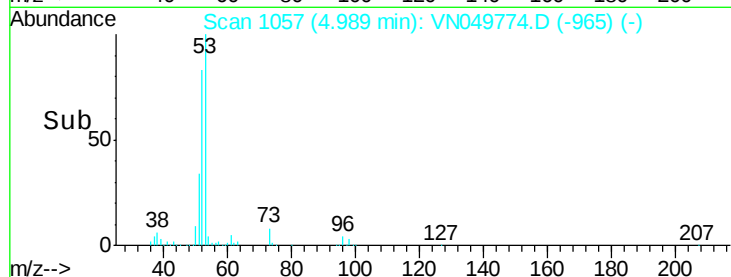


Abundance

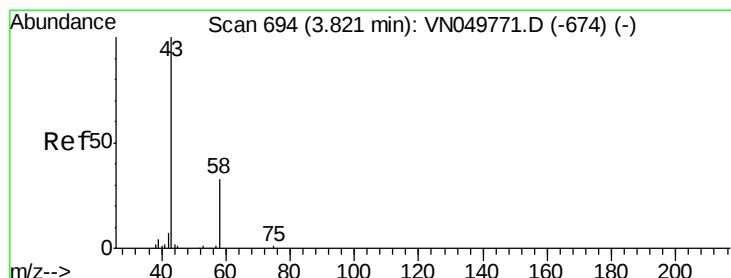
Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



Time-->



#16

Acetone

Concen: 224.871 ug/l

RT: 3.82 min Scan# 693

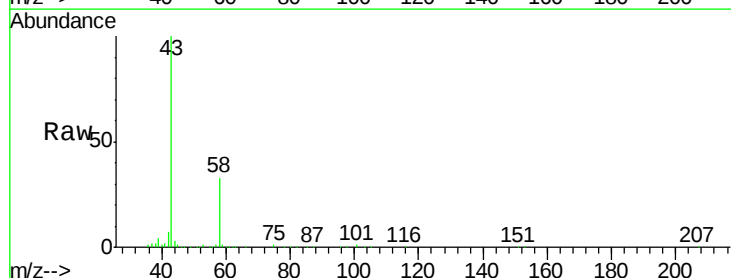
Delta R.T. -0.00 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

Tgt Ion: 43 Resp: 942608

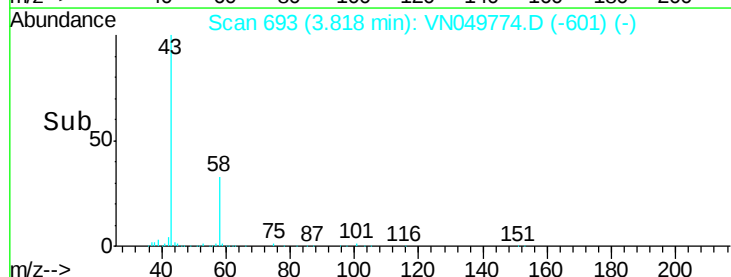
Ion	Ratio	Lower	Upper
43	100		
58	32.6	25.9	38.9



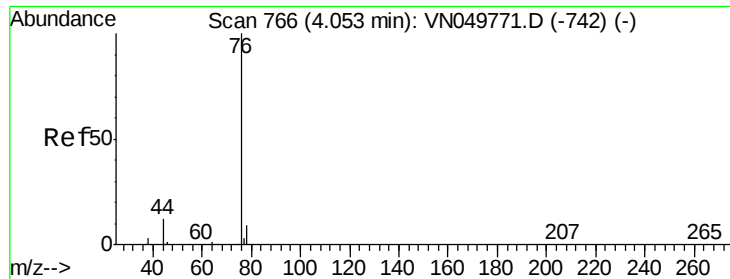
Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



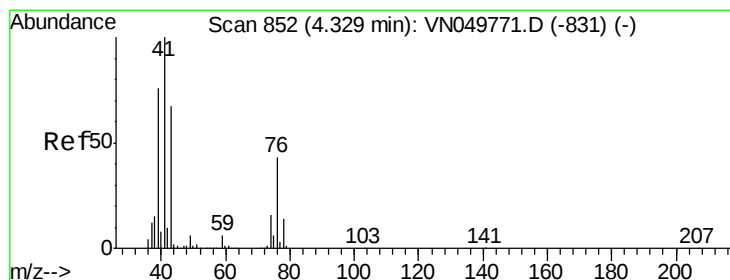
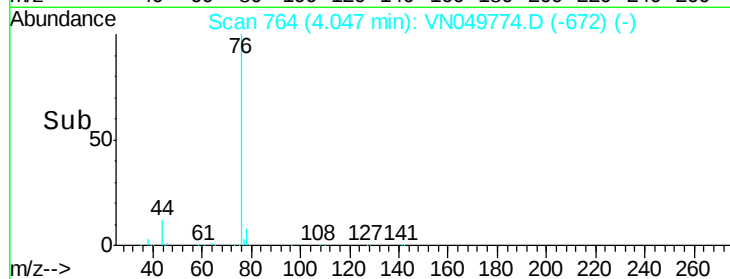
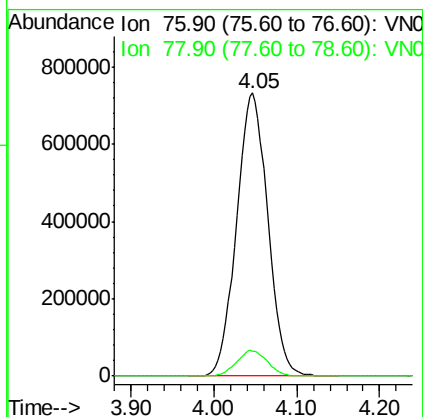
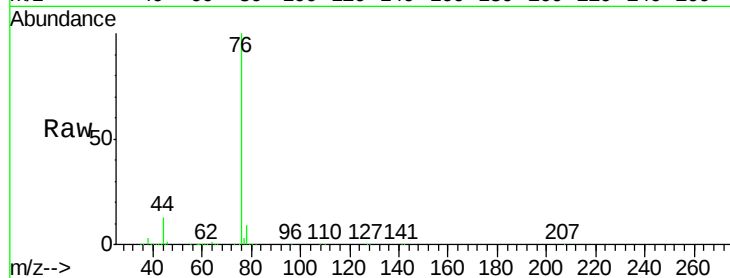
Time-->



#17
Carbon Disulfide
Concen: 47.362 ug/l
RT: 4.05 min Scan# 764
Delta R.T. -0.01 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

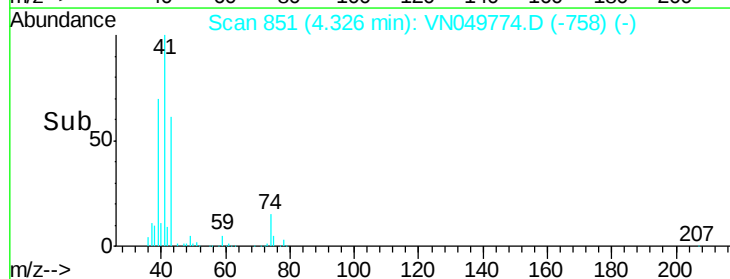
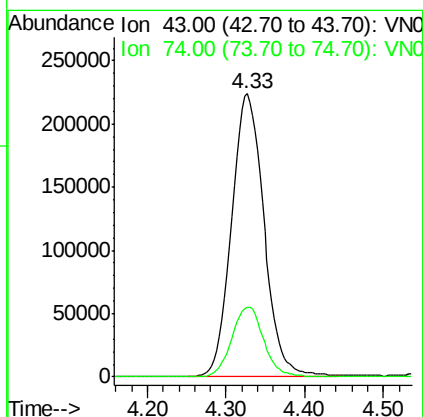
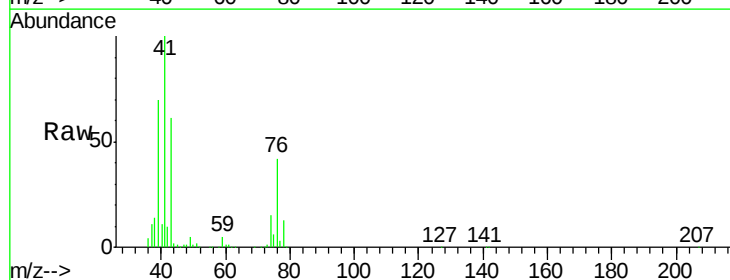
Instrument :
MSVOA_N
ClientSampled :

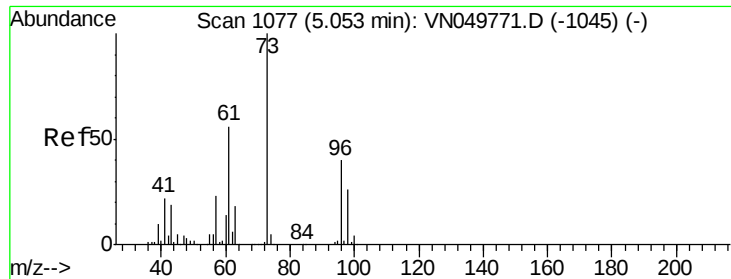
Tot Ion: 76 Resp: 1920017
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 45.069 ug/l
RT: 4.33 min Scan# 851
Delta R.T. -0.00 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

Tgt Ion: 43 Resp: 641549
Ion Ratio Lower Upper
43 100
74 24.4 19.8 29.8

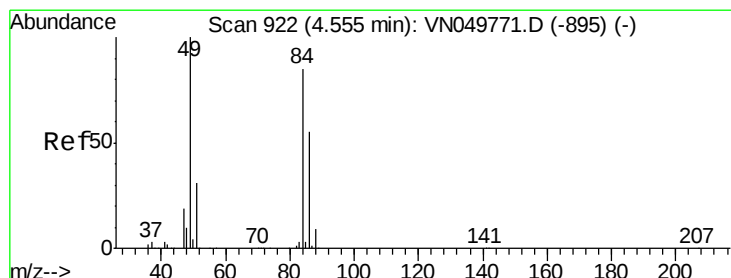
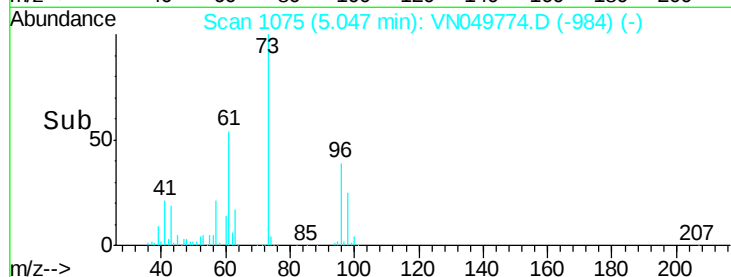
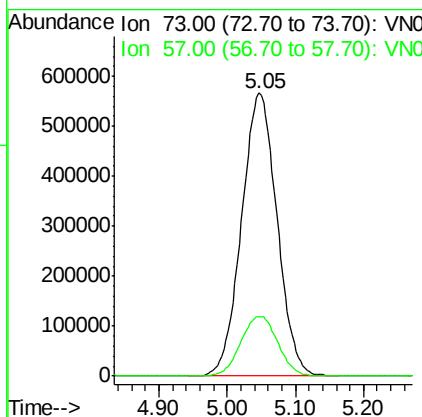
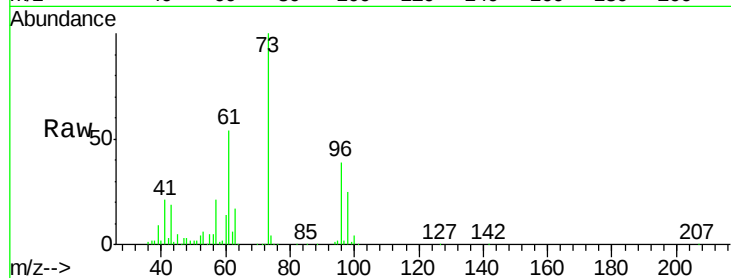




#19
Methyl tert-butyl Ether
Concen: 46.579 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

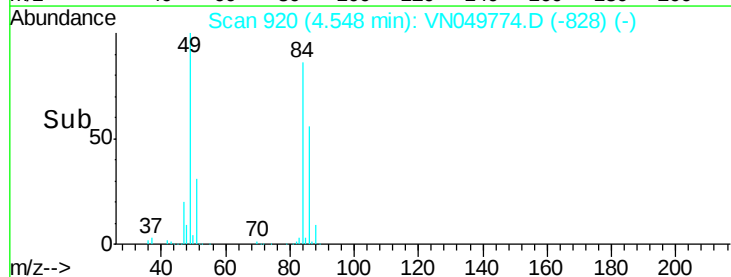
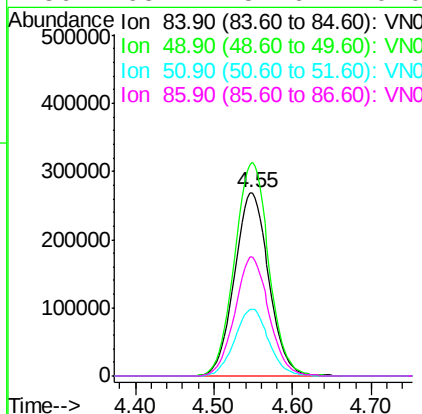
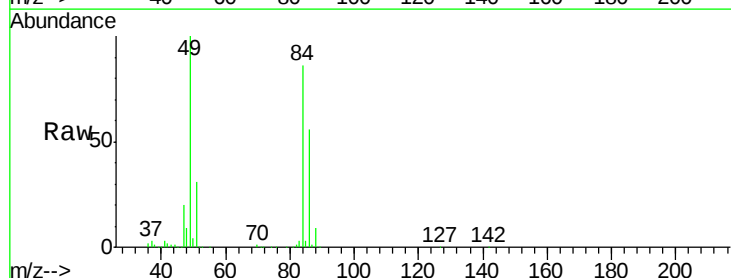
Instrument :
MSVOA_N
ClientSampled :

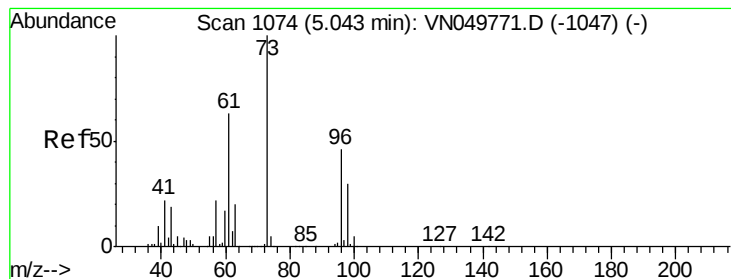
Tot Ion: 73 Resp: 2043777
Ion Ratio Lower Upper
73 100
57 21.1 18.1 27.1



#20
Methylene Chloride
Concen: 47.015 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.01 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

Tgt Ion: 84 Resp: 821679
Ion Ratio Lower Upper
84 100
49 116.7 95.4 143.2
51 36.5 28.4 42.6
86 65.1 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 44.586 ug/l

RT: 5.04 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

Instrument :
MSVOA_N
ClientSampled :

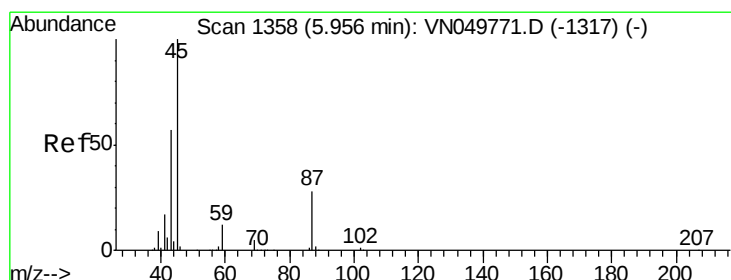
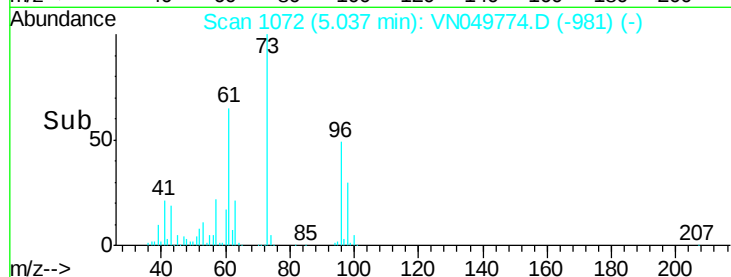
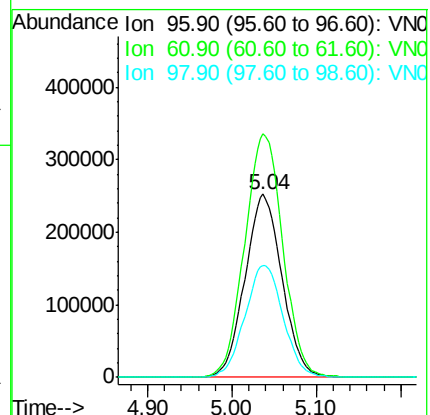
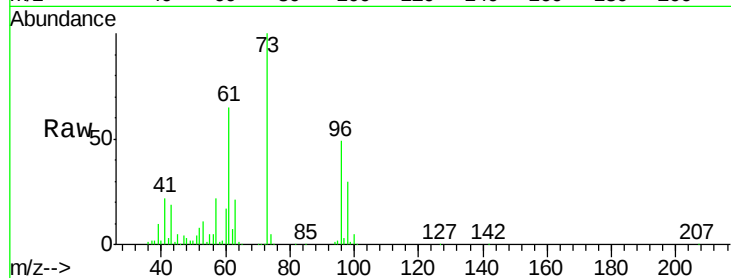
Tot Ion: 96 Resp: 770881

Ion Ratio Lower Upper

96 100

61 132.9 109.0 163.6

98 61.2 51.1 76.7



#22

Diisopropyl ether

Concen: 47.501 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

Tgt Ion: 45 Resp: 2518785

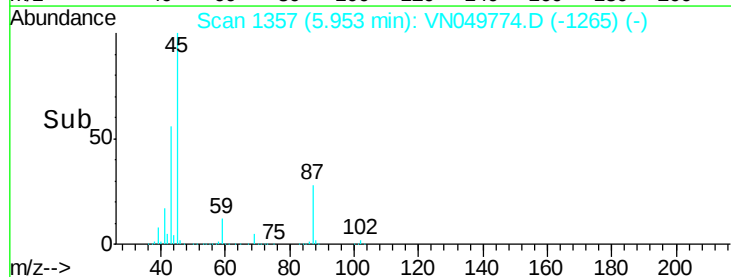
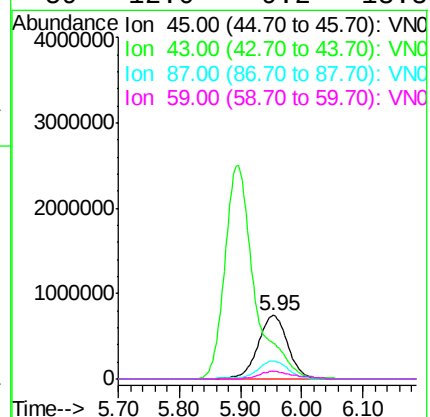
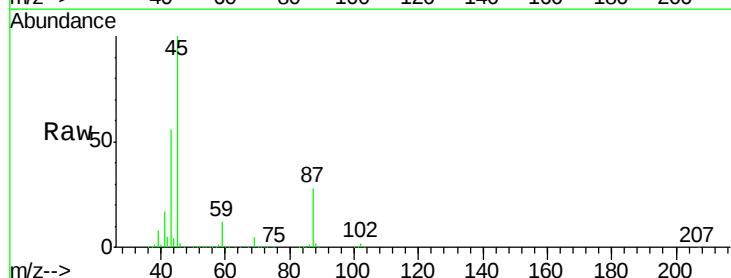
Ion Ratio Lower Upper

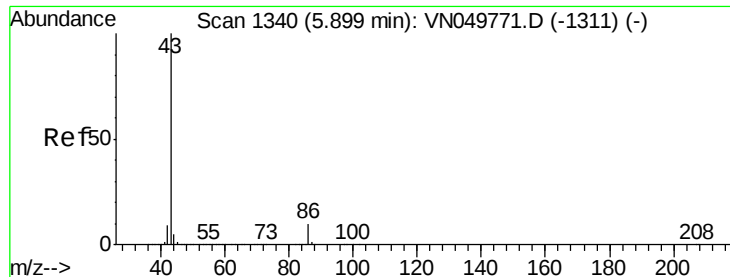
45 100

43 56.3 48.1 72.1

87 28.3 22.6 34.0

59 12.0 9.2 13.8

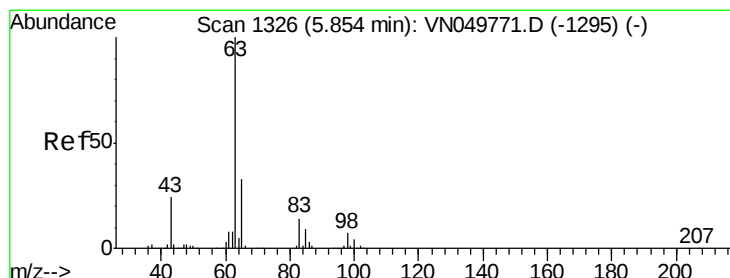
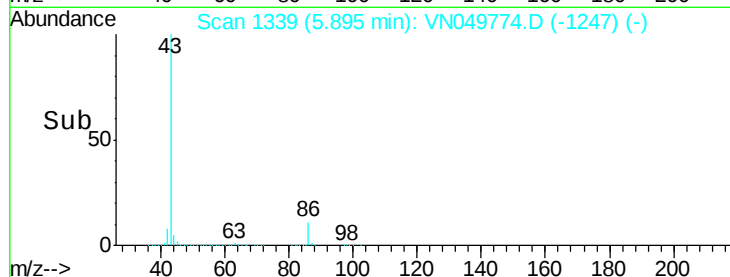
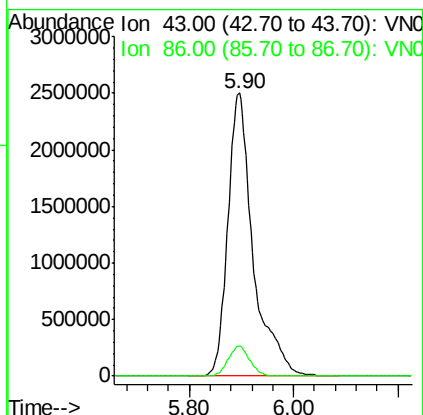
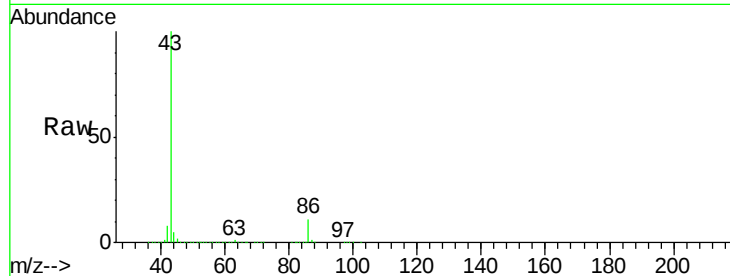




#23
 Vinyl Acetate
 Concen: 237.247 ug/l
 RT: 5.90 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: VN049774.D
 Acq: 12 Jul 2018 15:06

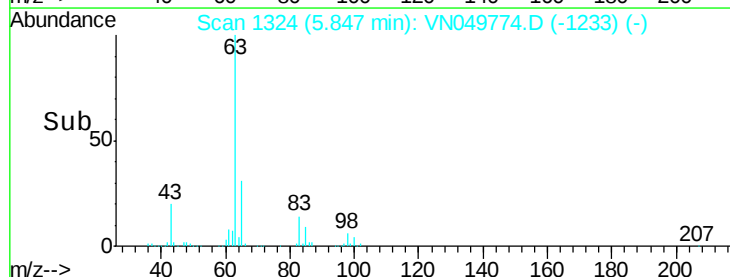
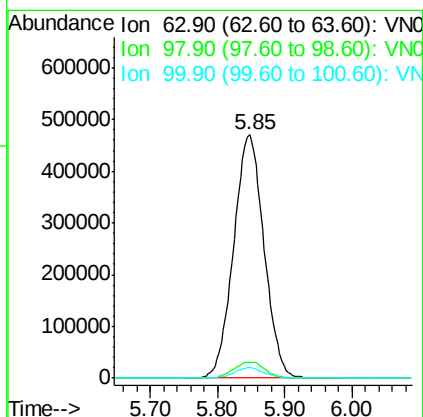
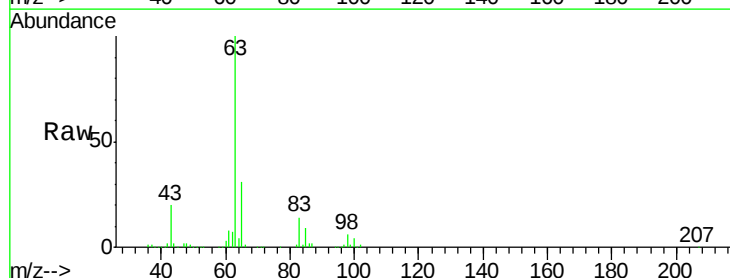
Instrument :
 MSVOA_N
 ClientSampled :

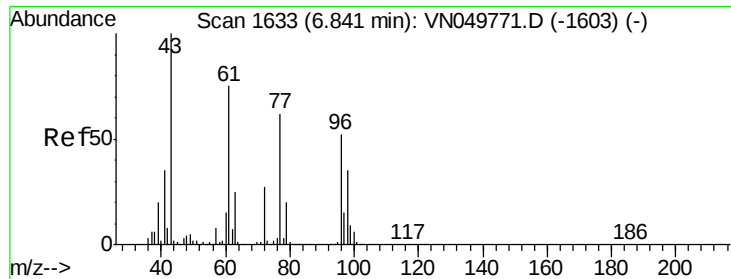
Tot Ion: 43 Resp: 8430570
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 44.221 ug/l
 RT: 5.85 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: VN049774.D
 Acq: 12 Jul 2018 15:06

Tgt Ion: 63 Resp: 1473126
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.2
 100 4.5 2.2 6.6





#25

2-Butanone

Concen: 217.882 ug/l

RT: 6.84 min Scan# 1632

Delta R.T. -0.00 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

Instrument :

MSVOA_N

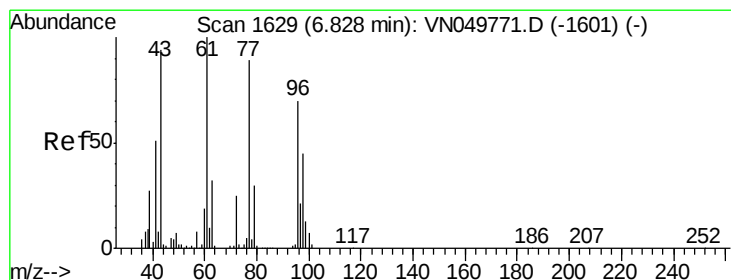
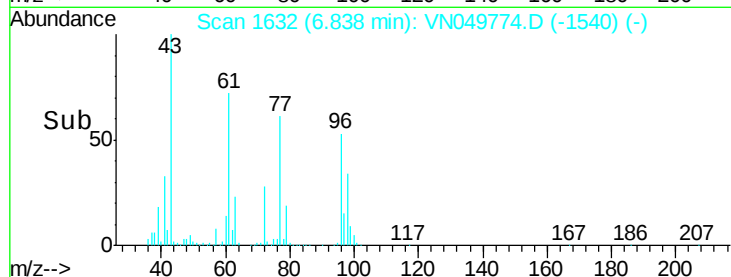
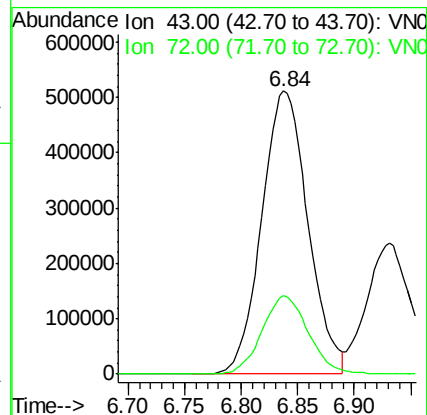
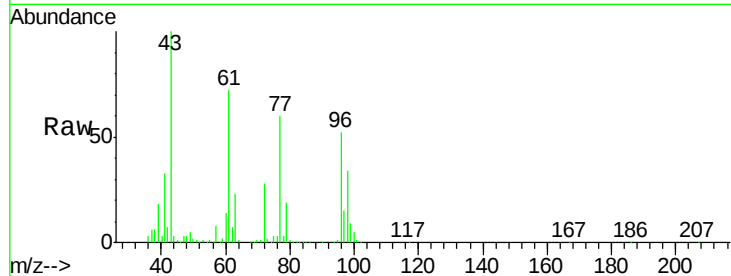
ClientSampled :

Tot Ion: 43 Resp: 1444771

Ion Ratio Lower Upper

43 100

72 27.7 22.1 33.1



#26

2,2-Dichloropropane

Concen: 45.721 ug/l

RT: 6.82 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VN049774.D

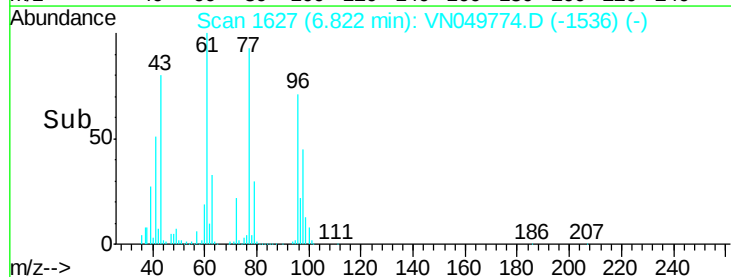
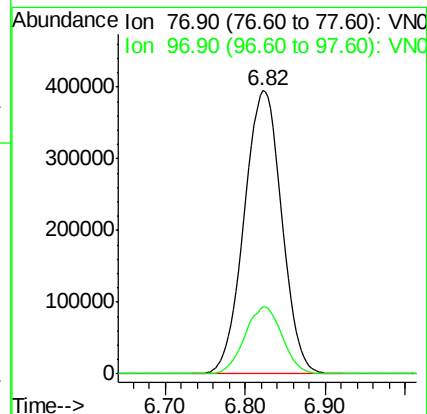
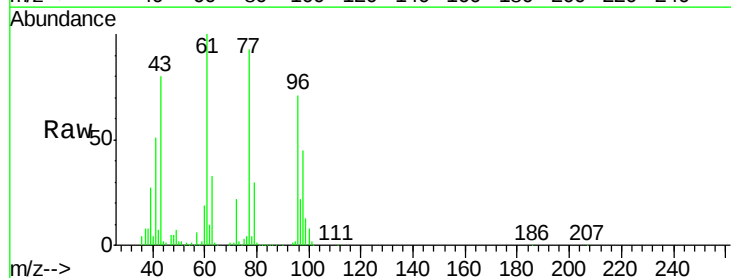
Acq: 12 Jul 2018 15:06

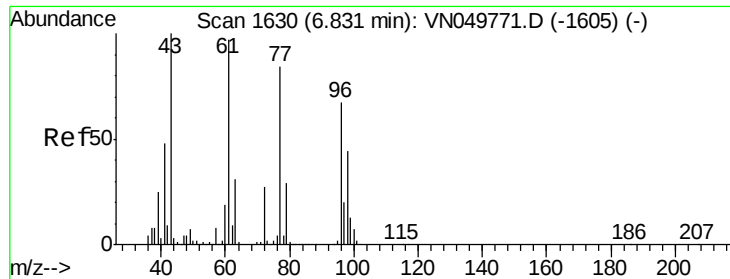
Tgt Ion: 77 Resp: 1264104

Ion Ratio Lower Upper

77 100

97 23.6 11.9 35.5

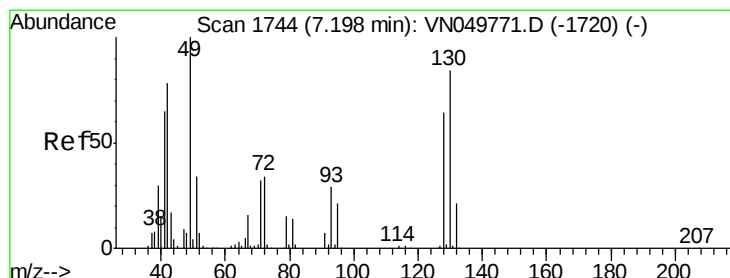
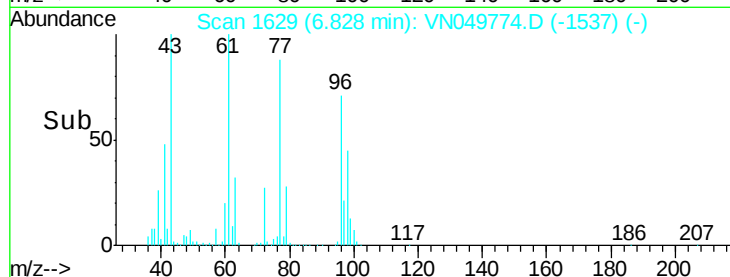
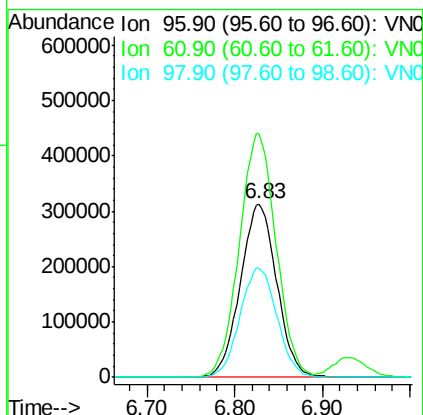
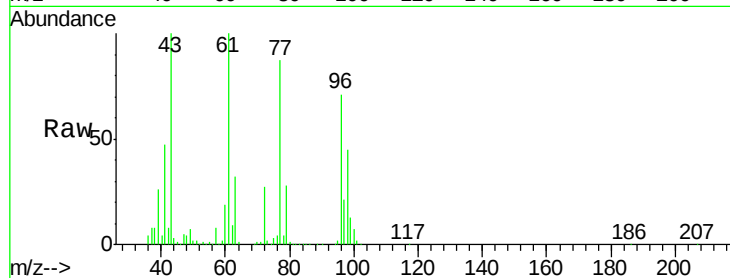




#27
 cis-1,2-Dichloroethene
 Concen: 45.655 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN049774.D
 Acq: 12 Jul 2018 15:06

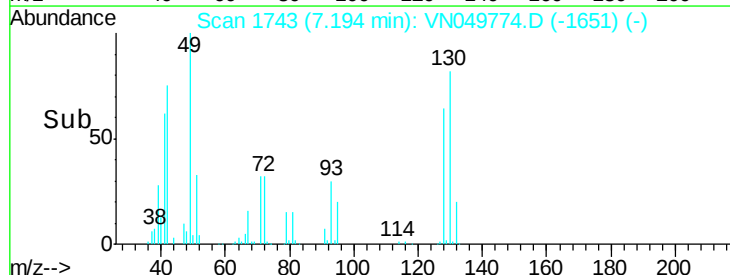
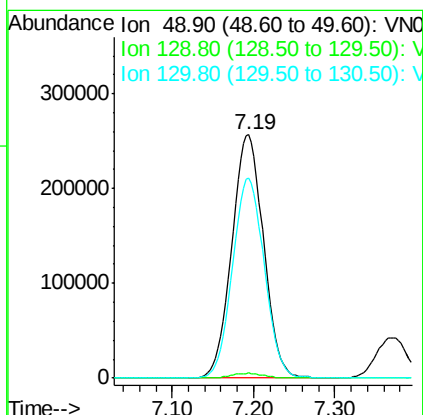
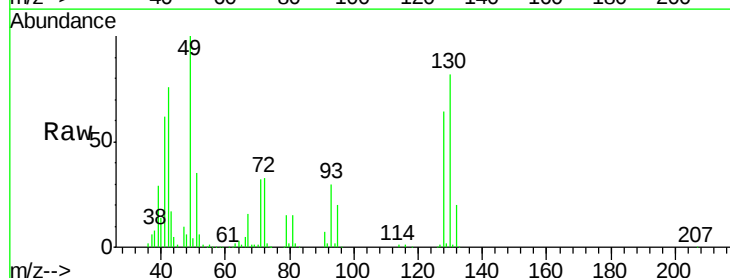
Instrument :
 MSVOA_N
 ClientSampleId :

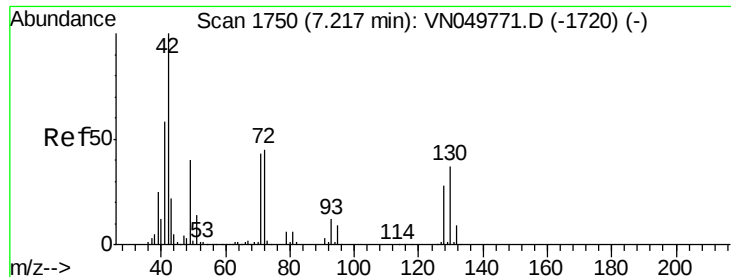
Tot Ion: 96 Resp: 902751
 Ion Ratio Lower Upper
 96 100
 61 142.3 0.0 289.0
 98 64.4 0.0 130.2



#28
 Bromochloromethane
 Concen: 45.846 ug/l
 RT: 7.19 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: VN049774.D
 Acq: 12 Jul 2018 15:06

Tgt Ion: 49 Resp: 694634
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 82.6 65.5 98.3

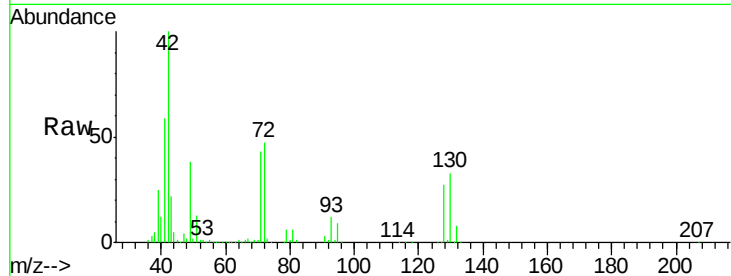




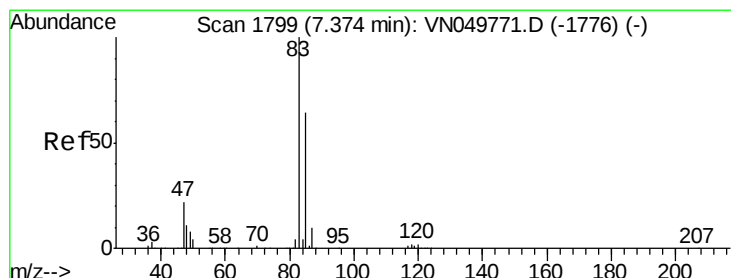
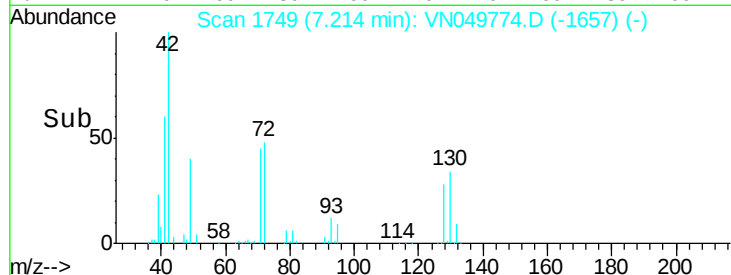
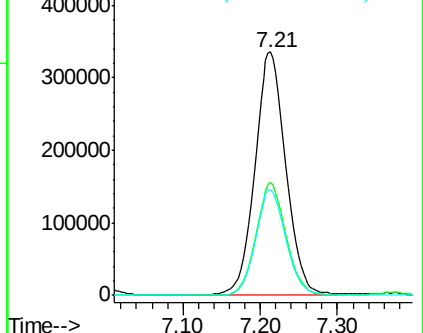
#29
Tetrahydrofuran
Concen: 223.200 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. -0.00 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 929388
Ion Ratio Lower Upper
42 100
72 44.9 35.6 53.4
71 42.5 34.0 51.0

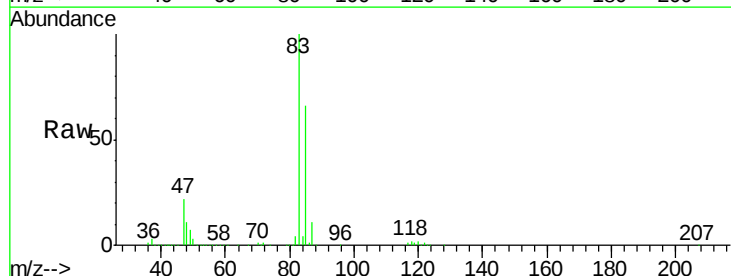


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

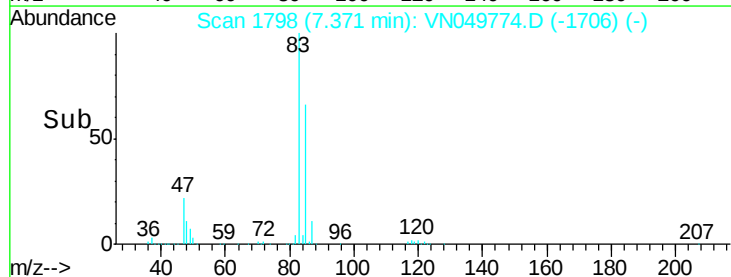
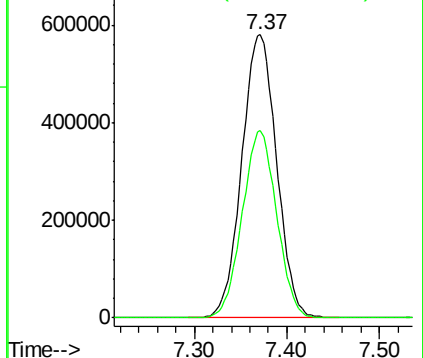


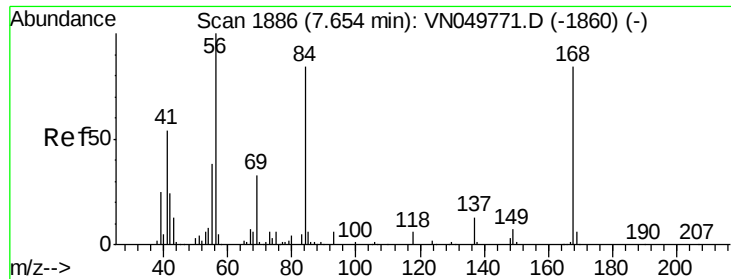
#30
Chloroform
Concen: 44.044 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

Tgt Ion: 83 Resp: 1511772
Ion Ratio Lower Upper
83 100
85 66.2 51.4 77.2



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

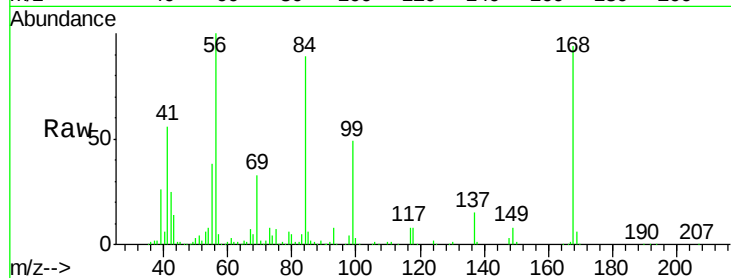




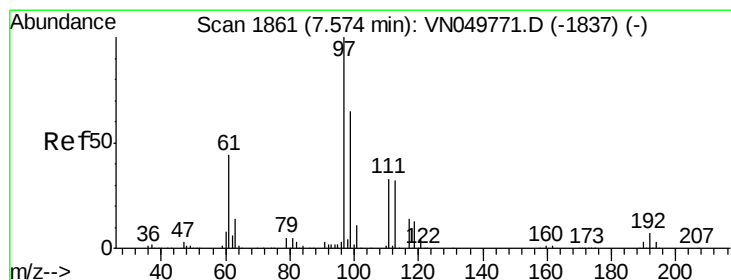
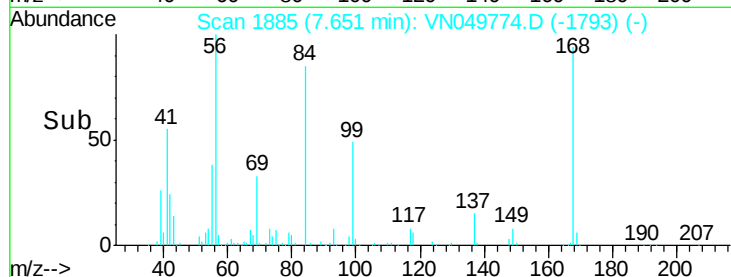
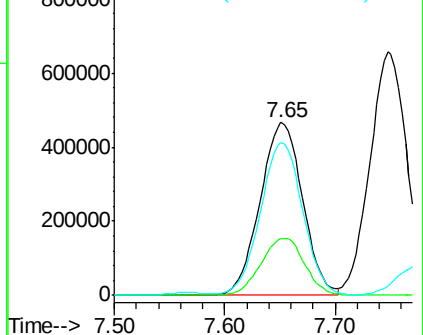
#31
Cyclohexane
Concen: 46.963 ug/l
RT: 7.65 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 1245560
Ion Ratio Lower Upper
56 100
69 32.8 26.6 40.0
84 87.1 69.0 103.6

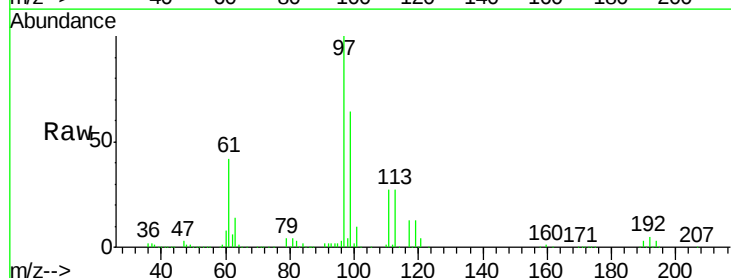


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

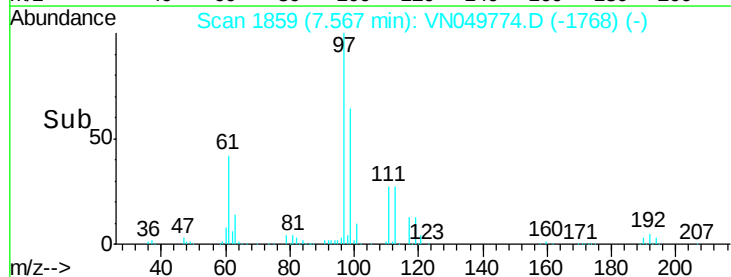
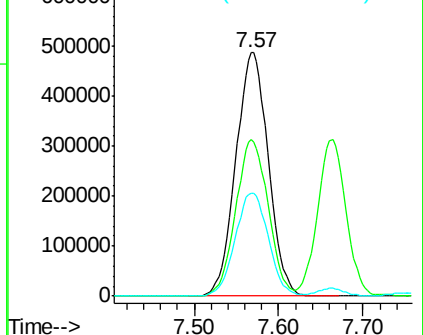


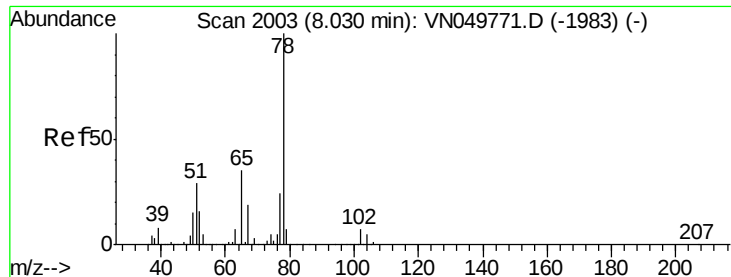
#32
1,1,1-Trichloroethane
Concen: 44.817 ug/l
RT: 7.57 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

Tgt Ion: 97 Resp: 1306467
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.4
61 43.1 35.5 53.3



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

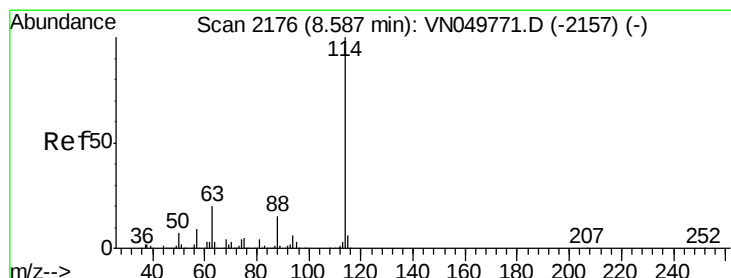
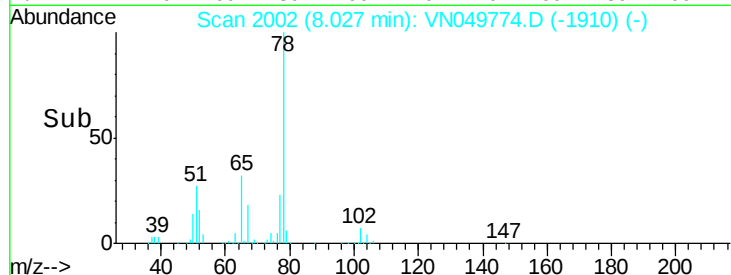
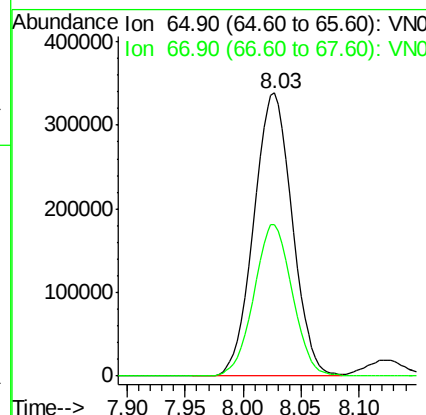
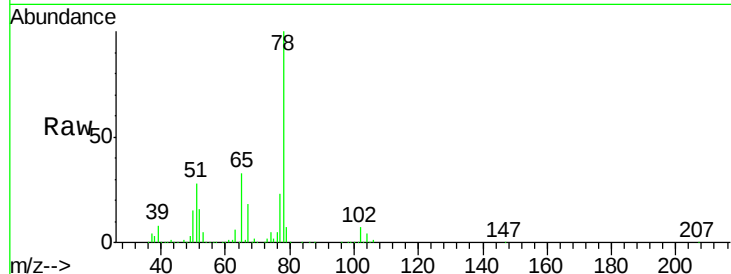




#33
 1,2-Dichloroethane-d4
 Concen: 45.970 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN049774.D
 Acq: 12 Jul 2018 15:06

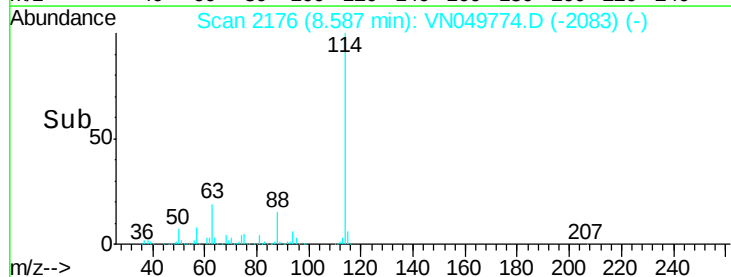
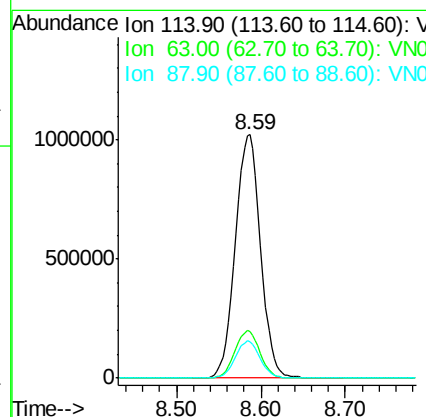
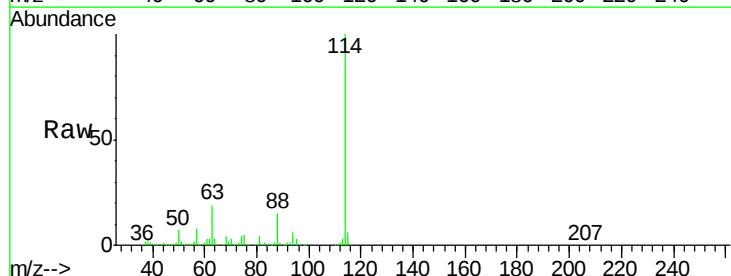
Instrument :
 MSVOA_N
 ClientSampleId :

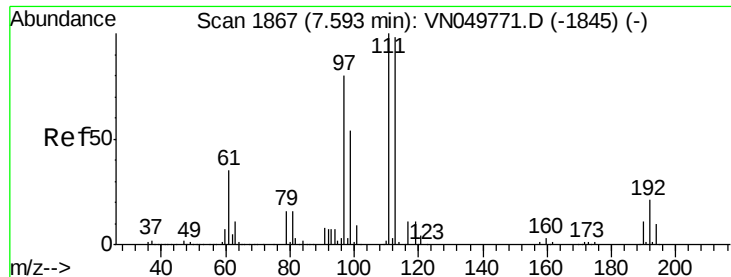
Tot Ion: 65 Resp: 782216
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049774.D
 Acq: 12 Jul 2018 15:06

Tgt Ion: 114 Resp: 2125586
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.8
 88 15.1 0.0 30.6

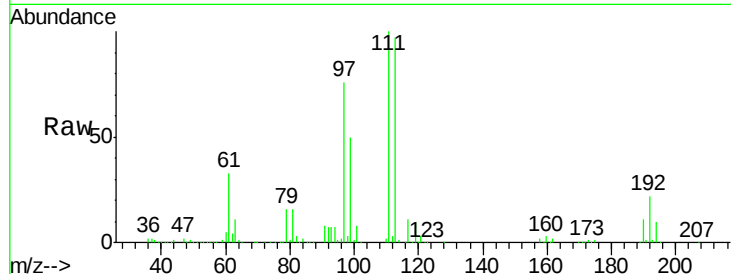




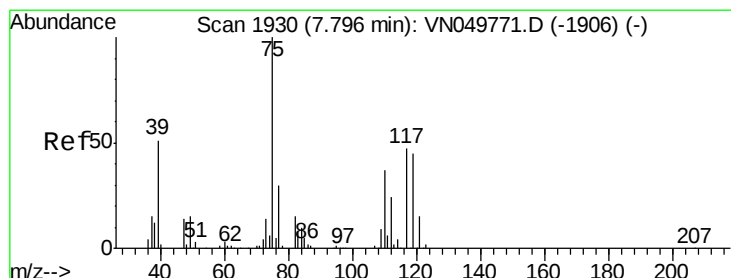
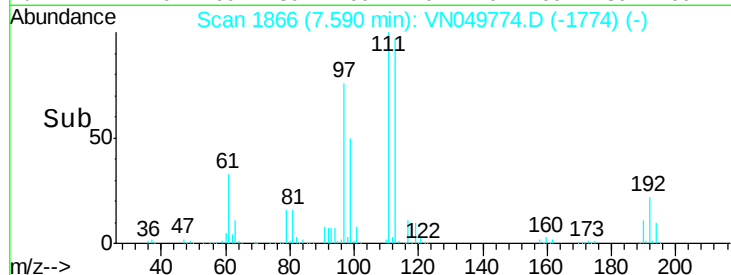
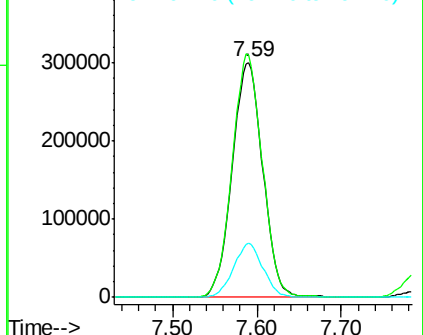
#35
Dibromofluoromethane
Concen: 47.300 ug/l
RT: 7.59 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:113 Resp: 757850
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.8
192 22.1 17.8 26.6

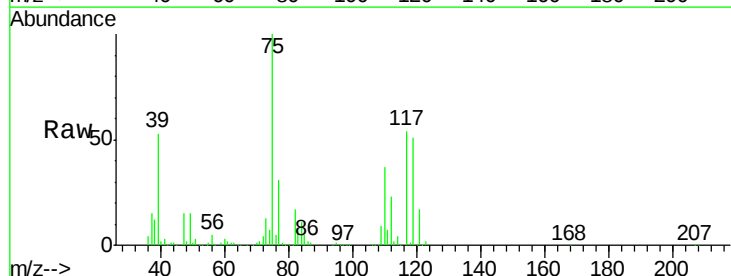


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

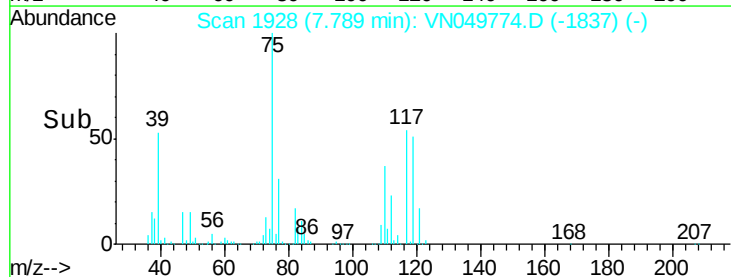
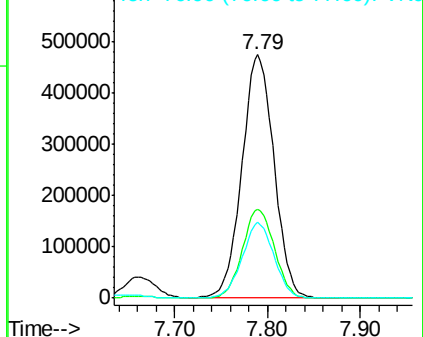


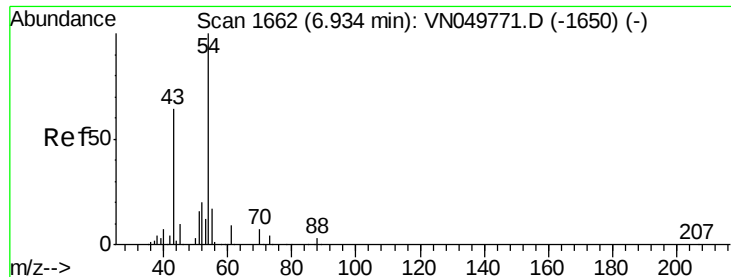
#36
1,1-Dichloropropene
Concen: 46.209 ug/l
RT: 7.79 min Scan# 1928
Delta R.T. -0.01 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

Tgt Ion: 75 Resp: 1131875
Ion Ratio Lower Upper
75 100
110 36.5 18.1 54.4
77 31.0 24.9 37.3



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

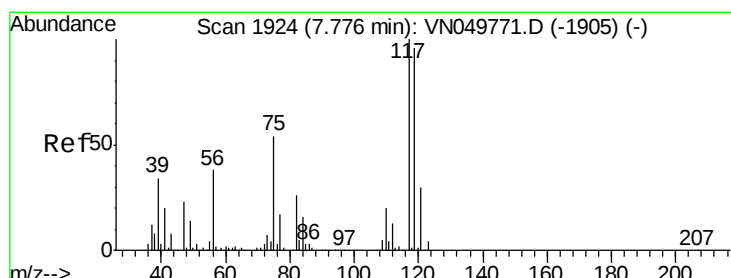
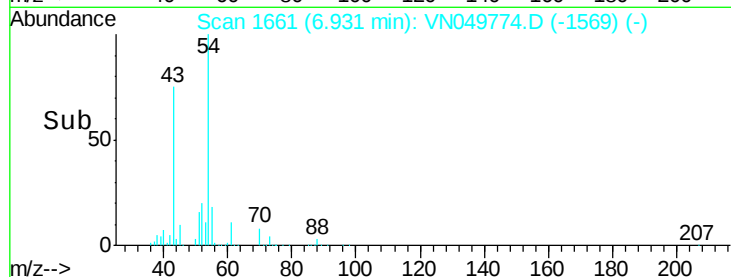
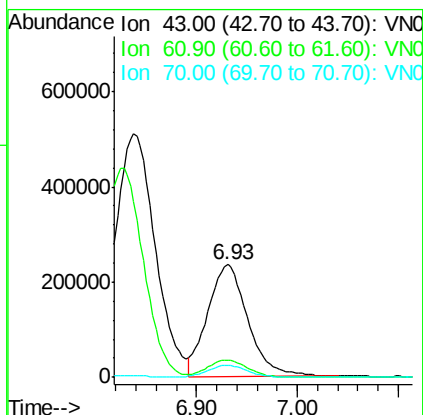
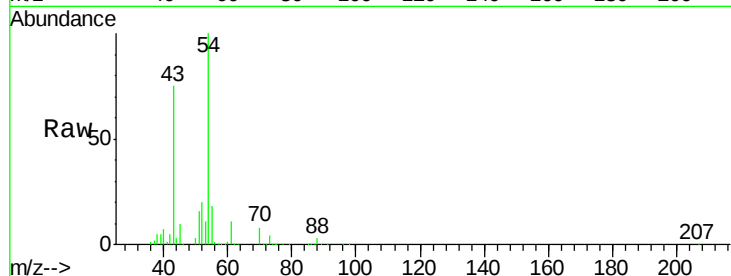




#37
Ethyl Acetate
Concen: 44.783 ug/l
RT: 6.93 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

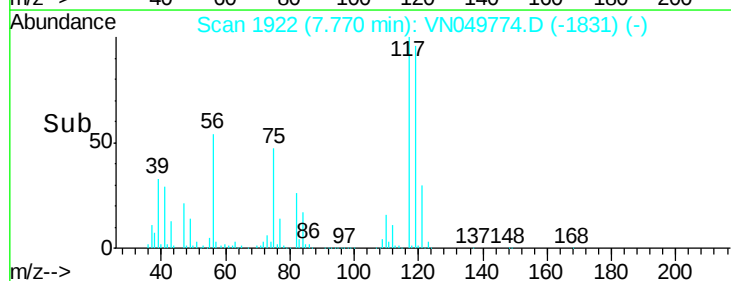
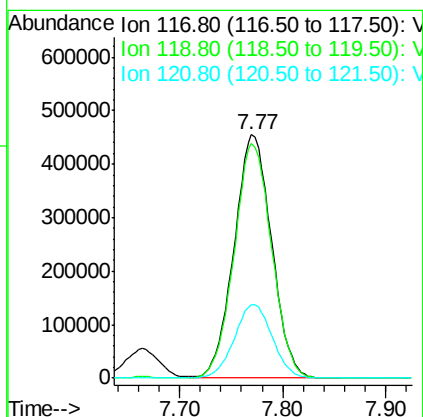
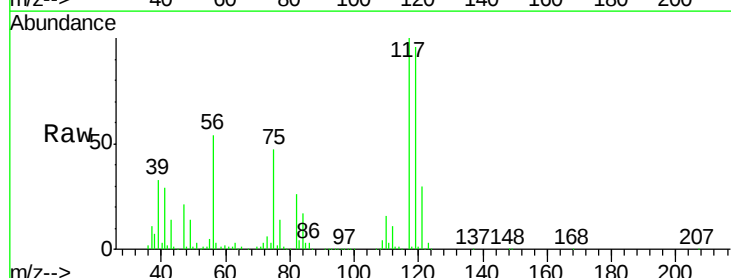
Instrument :
MSVOA_N
ClientSampleId :

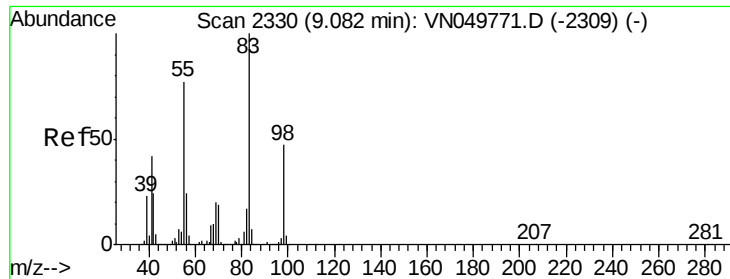
Tot Ion: 43 Resp: 649301
Ion Ratio Lower Upper
43 100
61 15.0 11.7 17.5
70 10.3 8.4 12.6



#38
Carbon Tetrachloride
Concen: 44.823 ug/l
RT: 7.77 min Scan# 1922
Delta R.T. -0.01 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

Tgt Ion: 117 Resp: 1147749
Ion Ratio Lower Upper
117 100
119 96.4 77.2 115.8
121 30.1 25.0 37.6

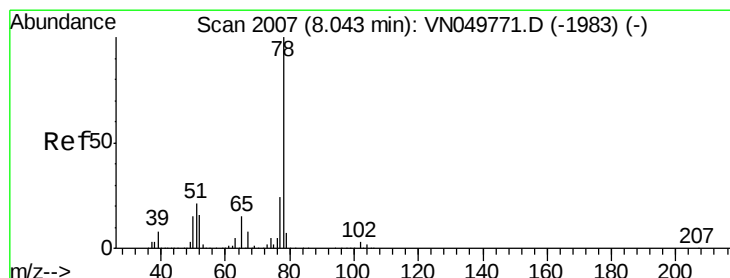
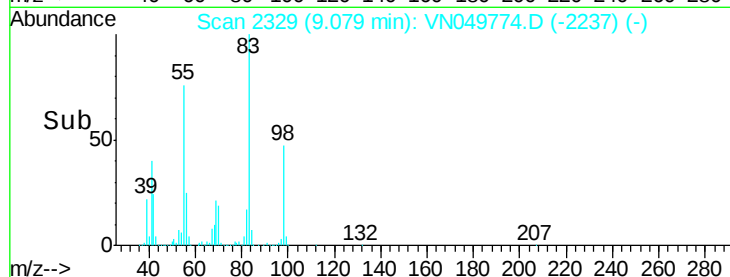
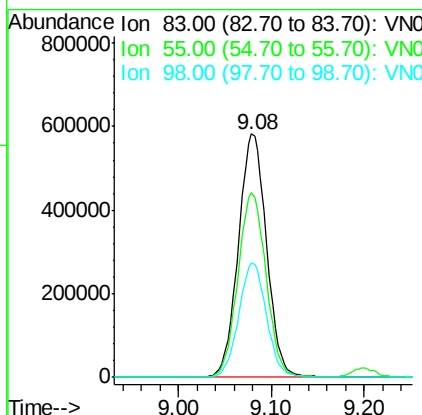
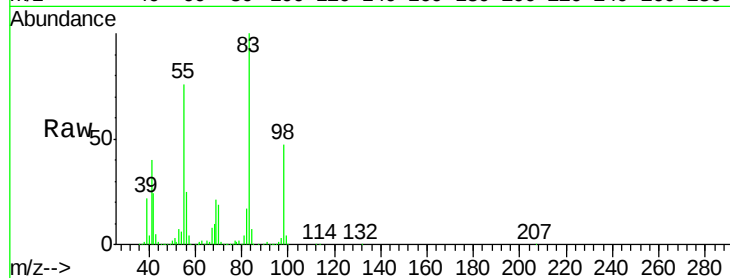




#39
Methvlcvclohexane
Concen: 47.548 ug/l
RT: 9.08 min Scan# 2329
Delta R.T. -0.00 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

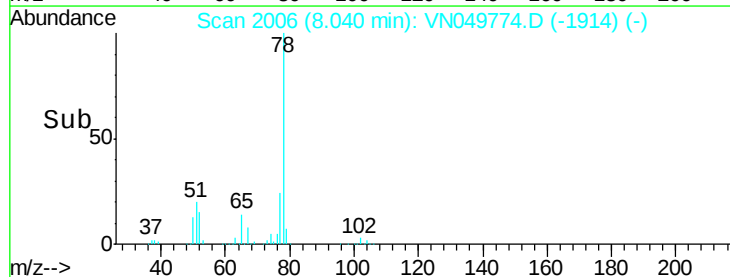
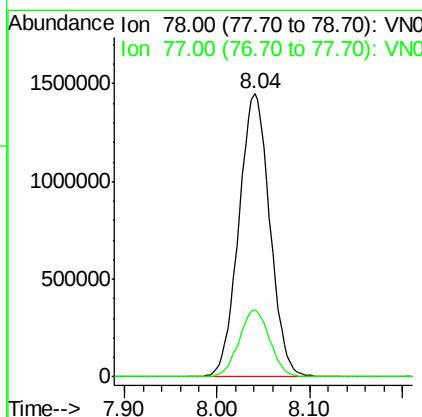
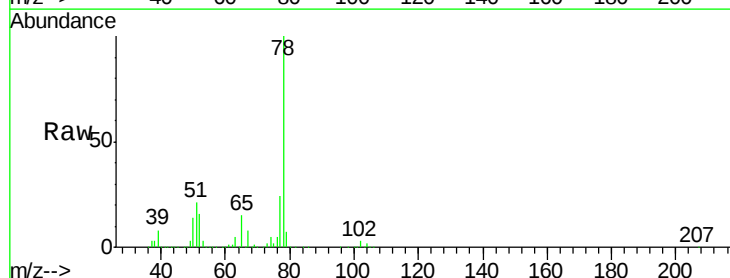
Instrument :
MSVOA_N
ClientSampleId :

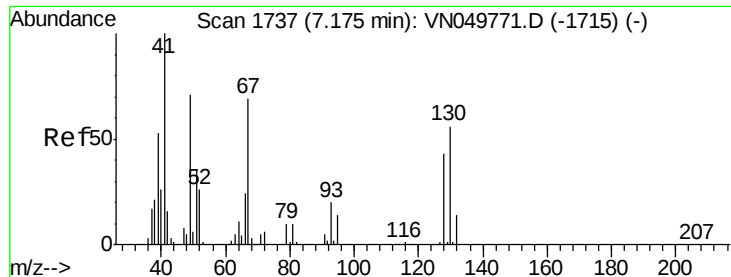
Tot Ion: 83 Resp: 1227637
Ion Ratio Lower Upper
83 100
55 75.9 59.7 89.5
98 46.9 36.5 54.7



#40
Benzene
Concen: 45.867 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

Tgt Ion: 78 Resp: 3360949
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4

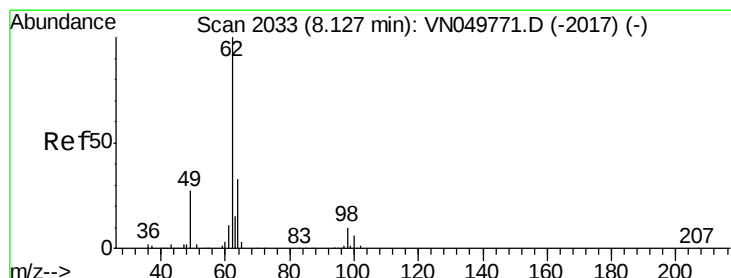
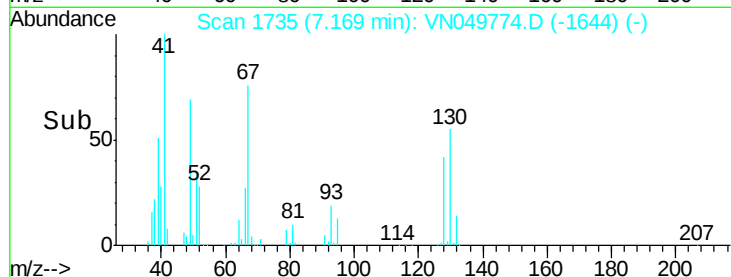
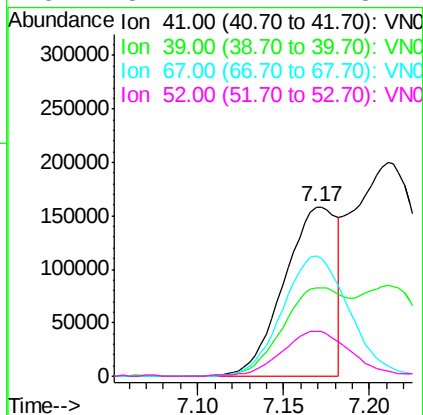
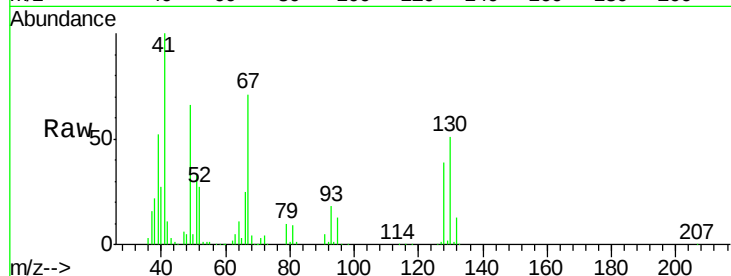




#41
Methacrylonitrile
Concen: 40.962 ug/l
RT: 7.17 min Scan# 1735
Delta R.T. -0.01 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

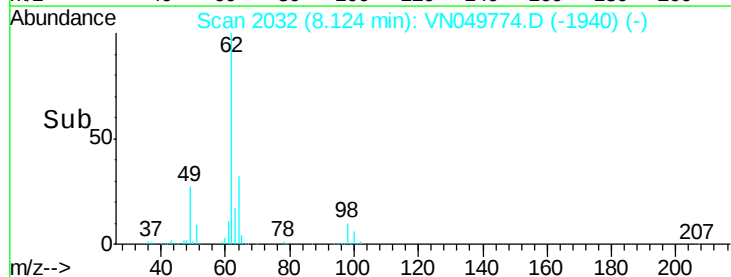
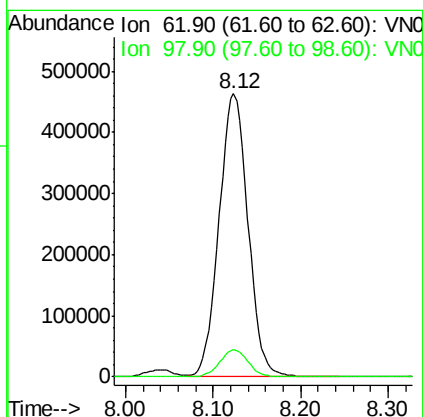
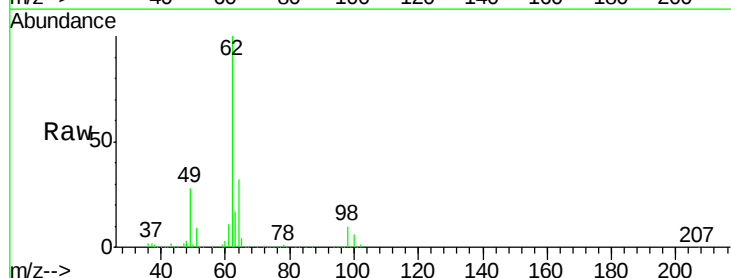
Instrument :
MSVOA_N
ClientSampled :

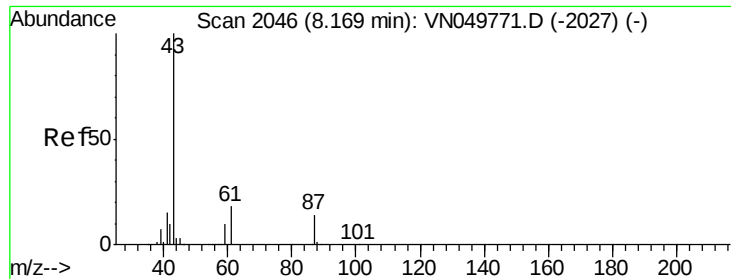
Tot Ion:	41	Resp:	335948
Ion	Ratio	Lower	Upper
41	100		
39	62.3	45.4	68.2
67	90.7	65.4	98.0
52	34.2	24.7	37.1



#42
1,2-Dichloroethane
Concen: 44.314 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

Tgt Ion:	62	Resp:	1062139
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0

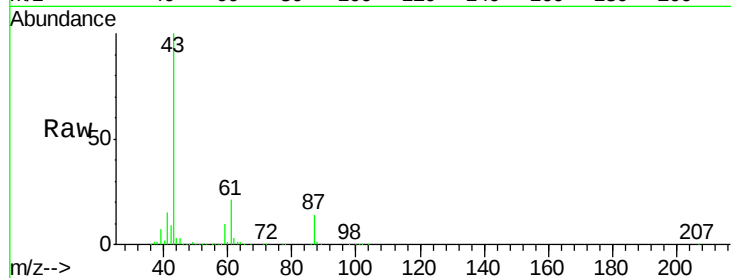




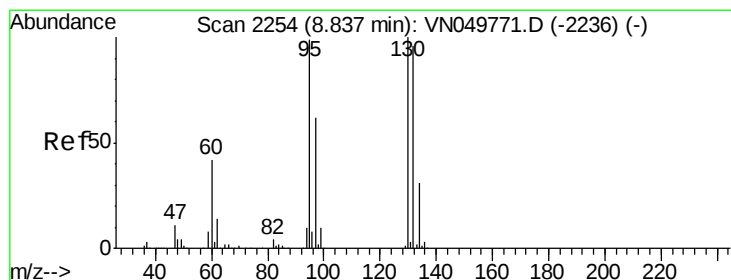
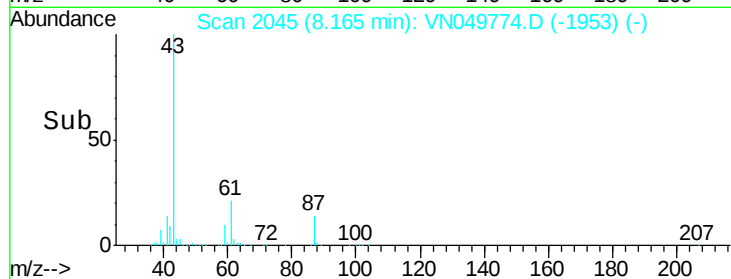
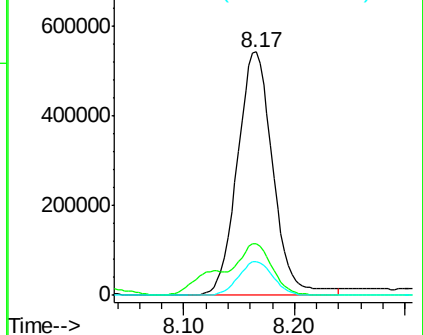
#43
Isopropyl Acetate
Concen: 46.371 ug/l
RT: 8.17 min Scan# 2045
Delta R.T. -0.00 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 1208465
Ion Ratio Lower Upper
43 100
61 19.9 14.9 22.3
87 13.6 10.0 15.0

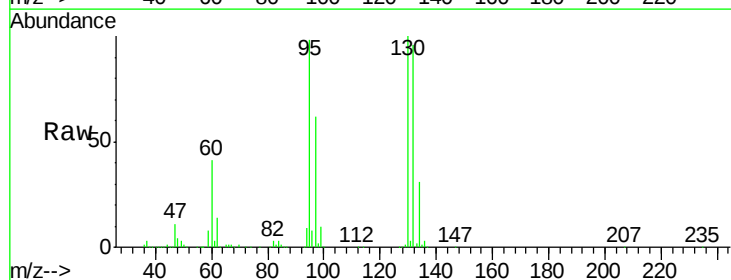


Abundance Ion 43.00 (42.70 to 43.70): VN049774.D (-1953) (-)
Ion 61.00 (60.70 to 61.70): VN049774.D (-1953) (-)
Ion 87.00 (86.70 to 87.70): VN049774.D (-1953) (-)

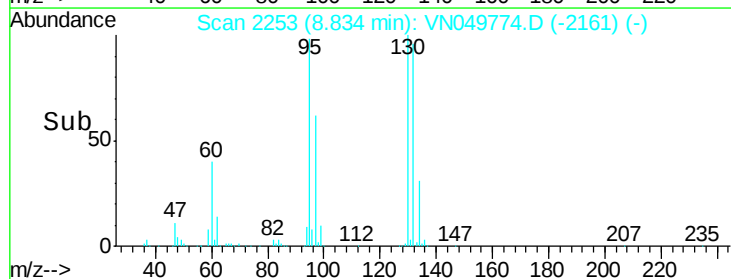
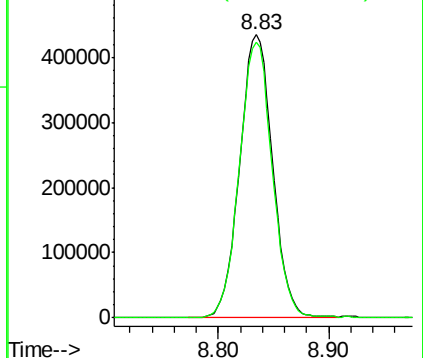


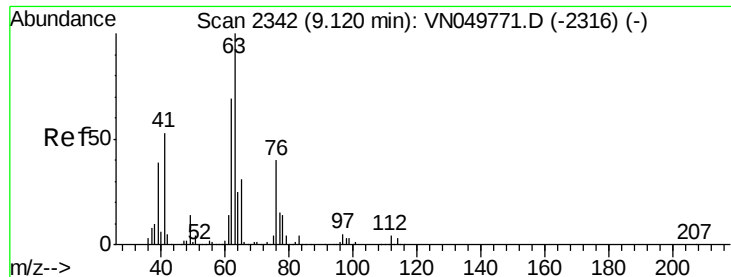
#44
Trichloroethene
Concen: 45.571 ug/l
RT: 8.83 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

Tgt Ion:130 Resp: 899137
Ion Ratio Lower Upper
130 100
95 97.6 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VN049774.D (-2161) (-)
Ion 94.90 (94.60 to 95.60): VN049774.D (-2161) (-)

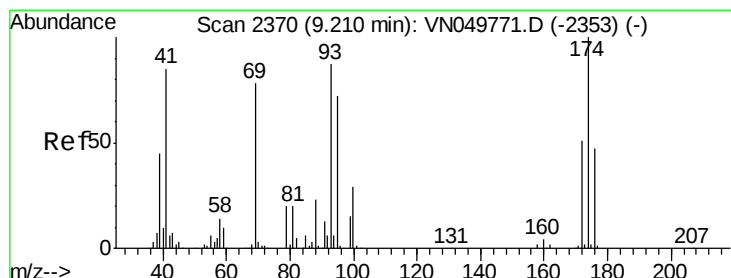
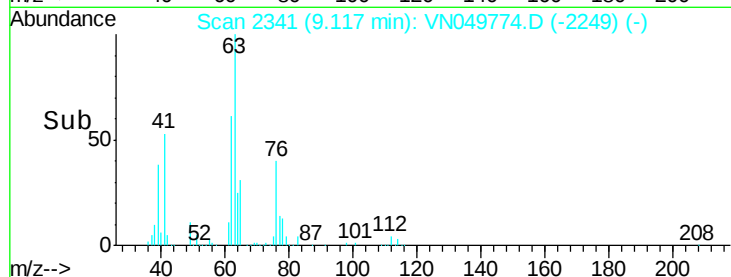
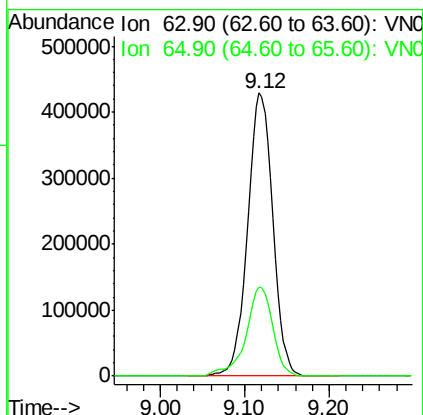
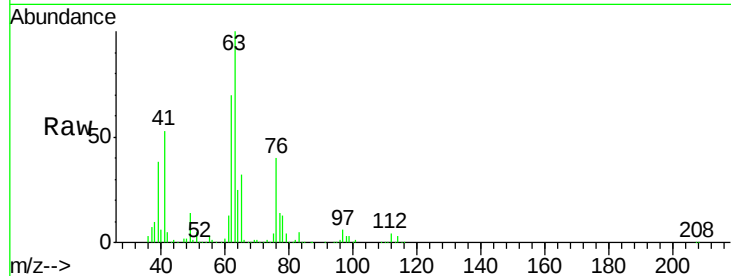




#45
 1,2-Dichloropropane
 Concen: 45.226 ug/l
 RT: 9.12 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: VN049774.D
 Acq: 12 Jul 2018 15:06

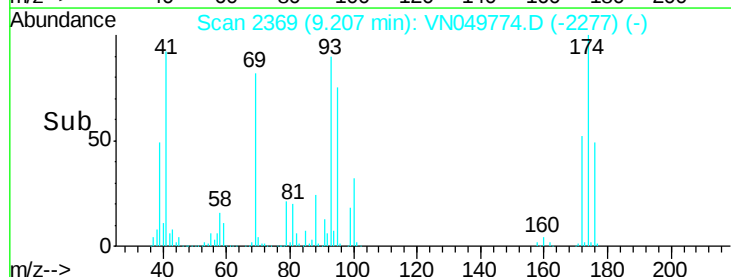
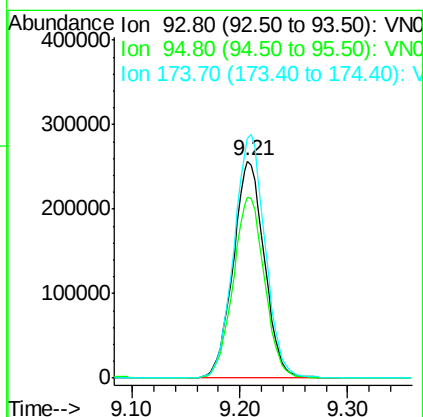
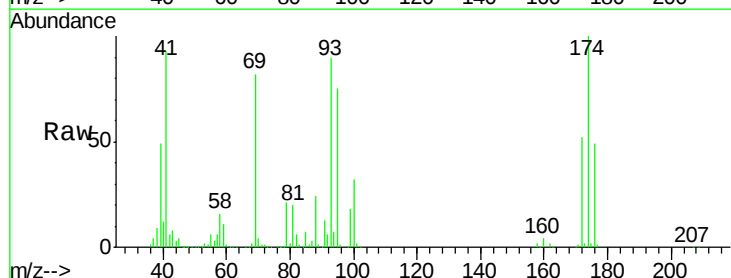
Instrument :
 MSVOA_N
 ClientSampleId :

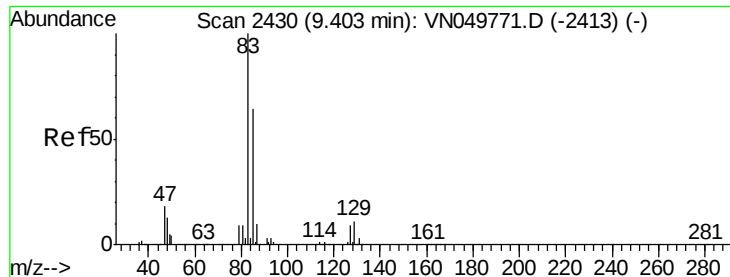
Tot Ion: 63 Resp: 890609
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.7 37.1



#46
 Dibromomethane
 Concen: 44.205 ug/l
 RT: 9.21 min Scan# 2369
 Delta R.T. -0.00 min
 Lab File: VN049774.D
 Acq: 12 Jul 2018 15:06

Tgt Ion: 93 Resp: 517010
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.9 101.9
 174 112.1 89.4 134.0





#47

Bromodichloromethane

Concen: 45.224 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

Instrument :
MSVOA_N
ClientSampleId :

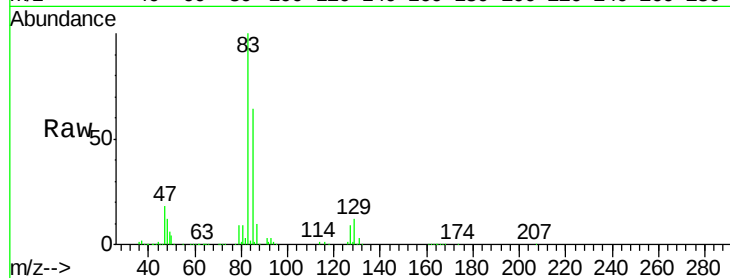
Tot Ion: 83 Resp: 1164745

Ion Ratio Lower Upper

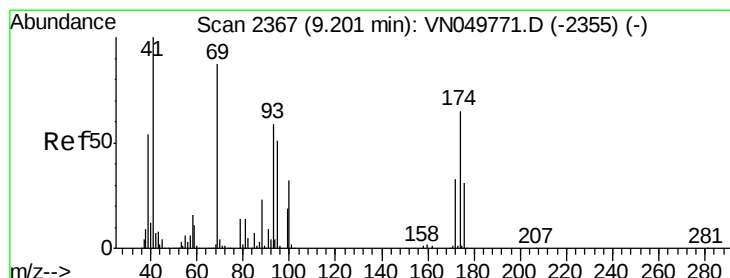
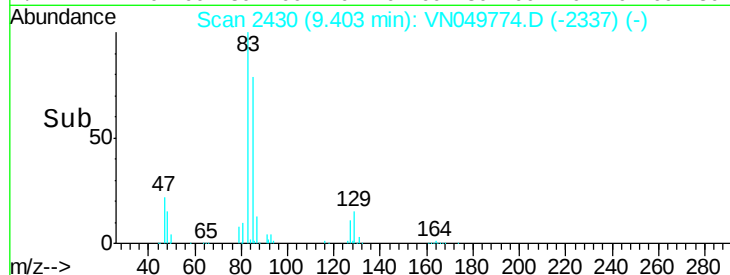
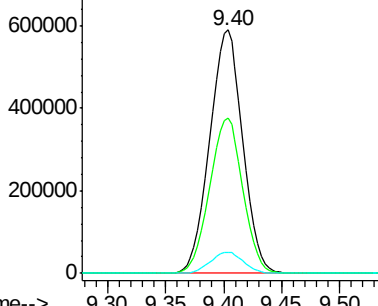
83 100

85 63.9 50.5 75.7

127 8.7 6.8 10.2



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): V



#48

Methyl methacrylate

Concen: 47.111 ug/l

RT: 9.20 min Scan# 2366

Delta R.T. -0.00 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

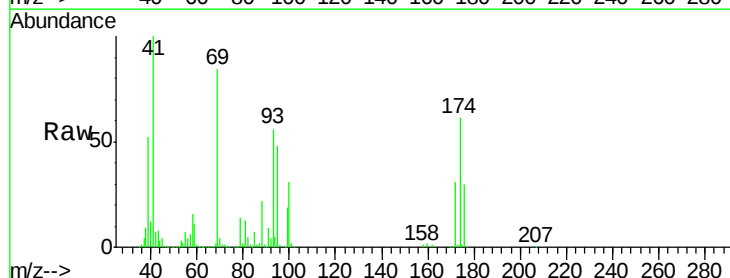
Tgt Ion: 41 Resp: 613847

Ion Ratio Lower Upper

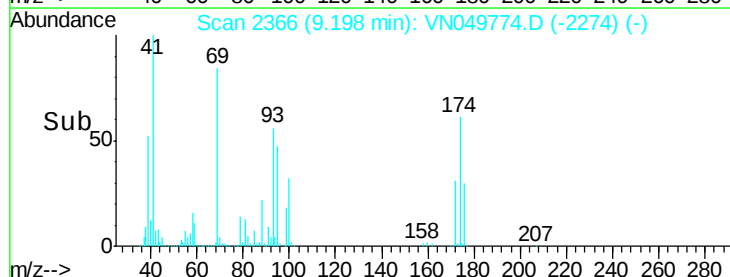
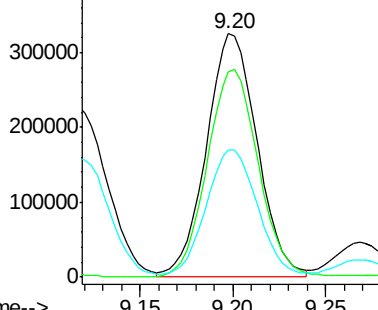
41 100

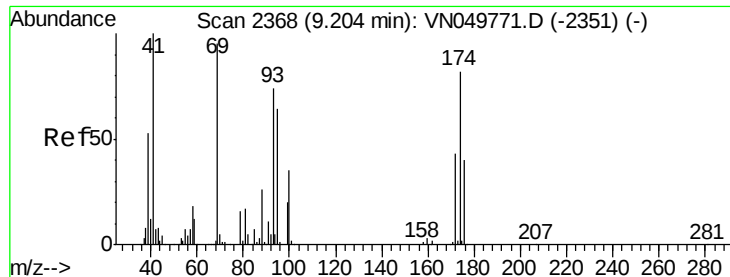
69 86.5 71.5 107.3

39 53.4 44.7 67.1



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

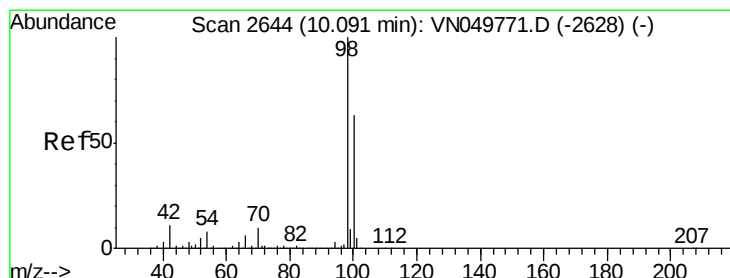
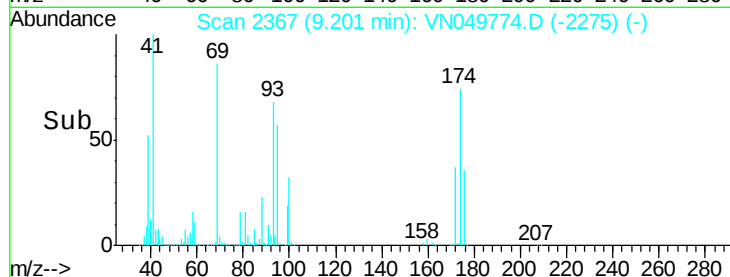
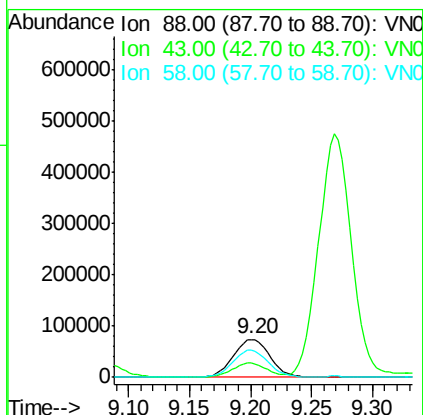
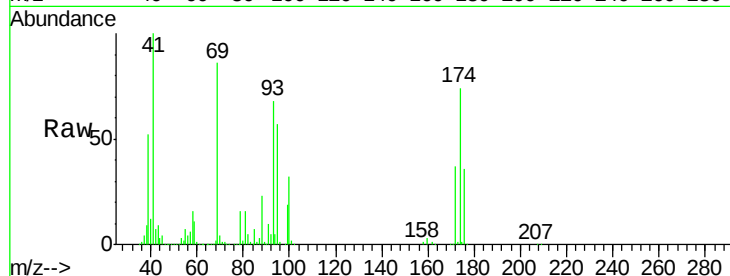




#49
1,4-Dioxane
Concen: 903.880 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

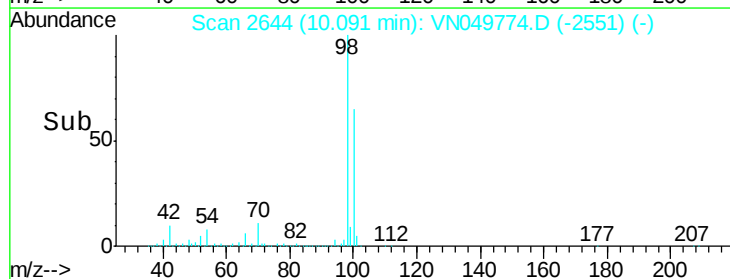
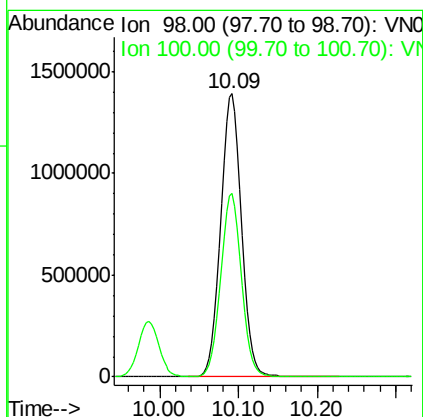
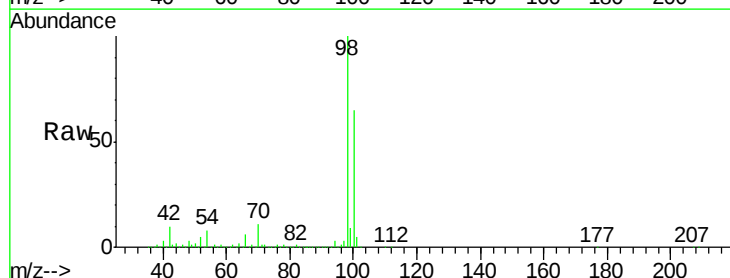
Instrument :
MSVOA_N
ClientSampleId :

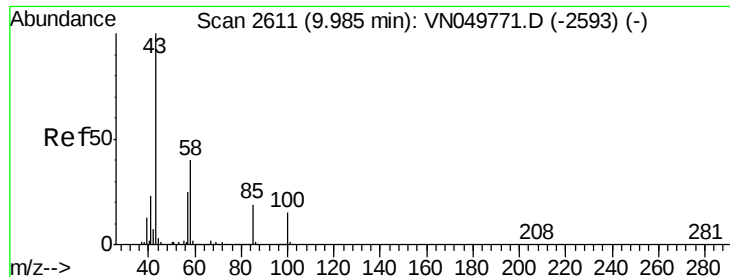
Tot Ion: 88 Resp: 154319
Ion Ratio Lower Upper
88 100
43 35.0 25.1 37.7
58 70.1 52.5 78.7



#50
Toluene-d8
Concen: 46.088 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

Tgt Ion: 98 Resp: 2527651
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5

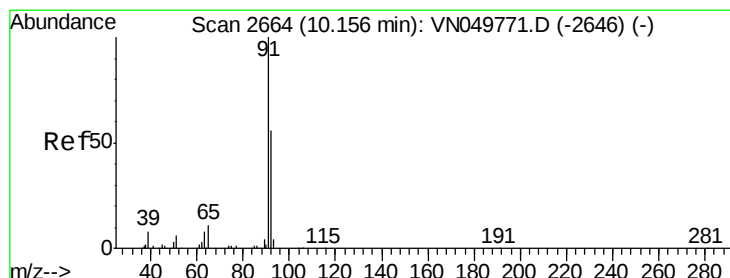
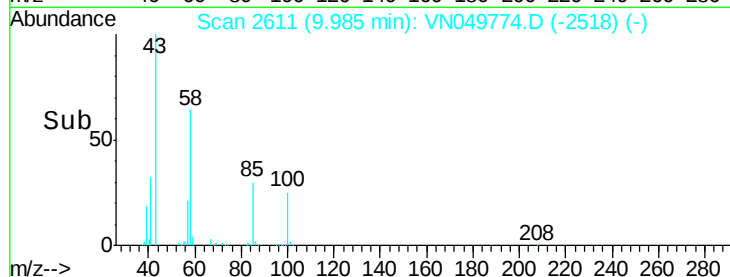
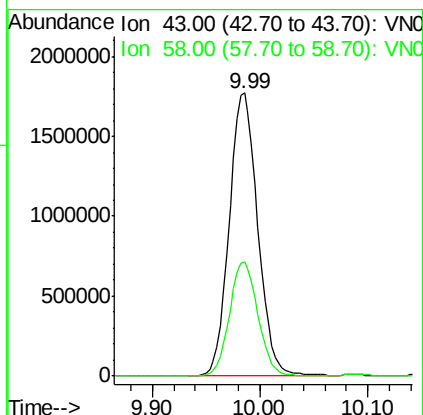
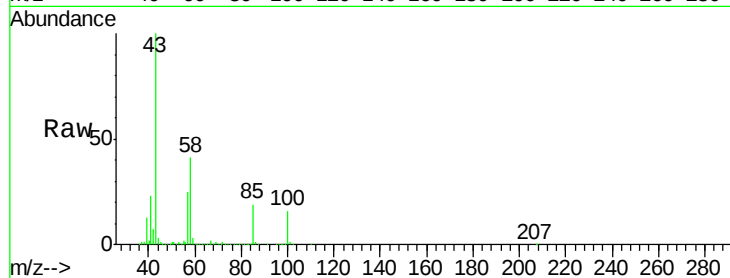




#51
 4-Methyl-2-Pentanone
 Concen: 229.288 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. 0.00 min
 Lab File: VN049774.D
 Acq: 12 Jul 2018 15:06

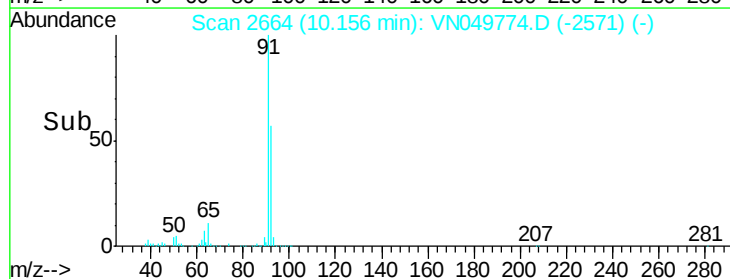
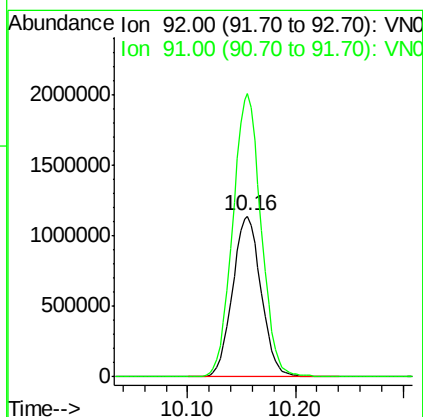
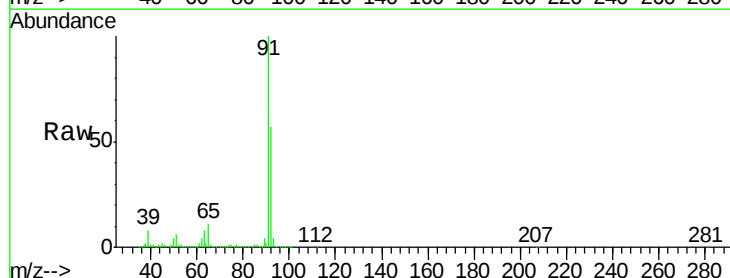
Instrument :
 MSVOA_N
 ClientSampled :

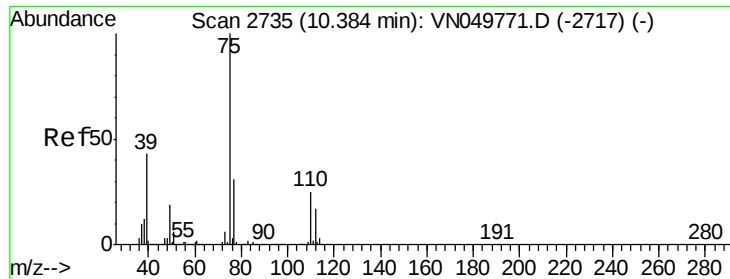
Tot Ion: 43 Resp: 3244379
 Ion Ratio Lower Upper
 43 100
 58 40.4 31.8 47.8



#52
 Toluene
 Concen: 47.918 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. 0.00 min
 Lab File: VN049774.D
 Acq: 12 Jul 2018 15:06

Tgt Ion: 92 Resp: 2101405
 Ion Ratio Lower Upper
 92 100
 91 175.2 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 47.948 ug/l

RT: 10.38 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

Instrument :

MSVOA_N

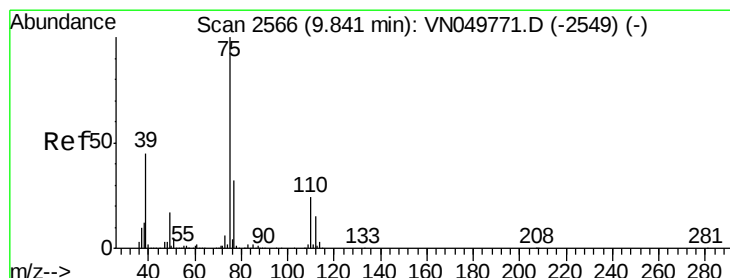
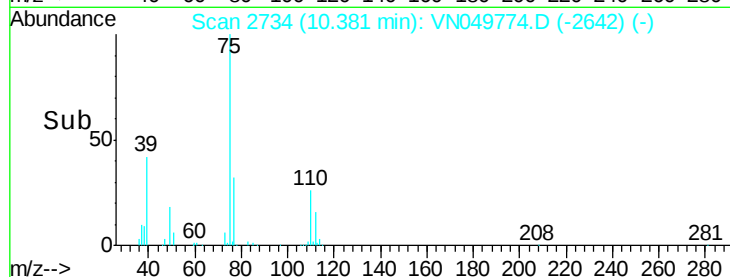
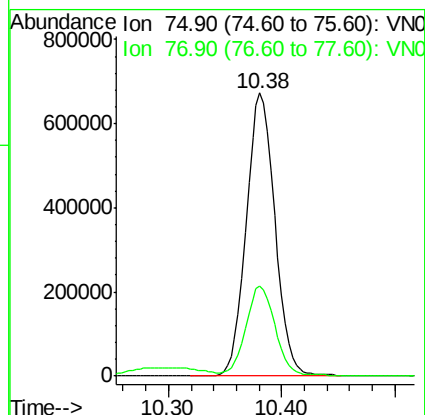
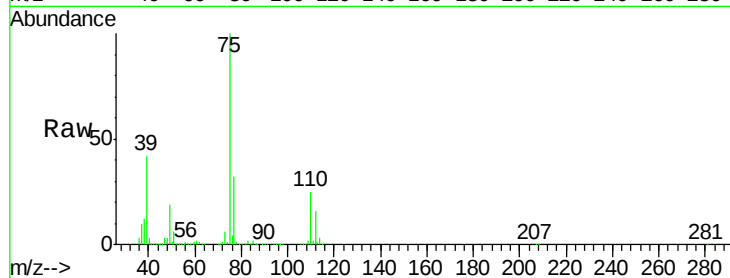
ClientSampled :

Tot Ion: 75 Resp: 1187826

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 48.666 ug/l

RT: 9.84 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

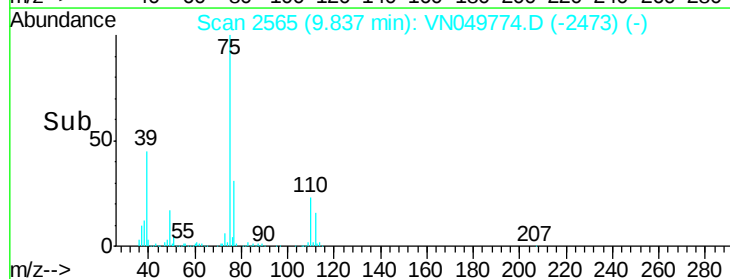
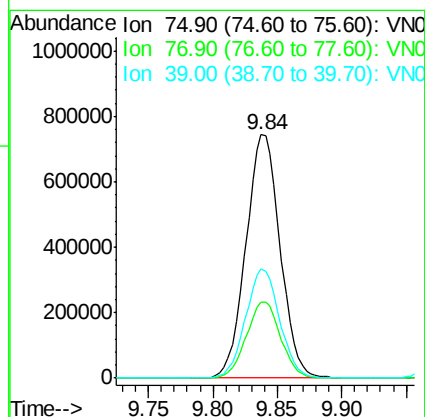
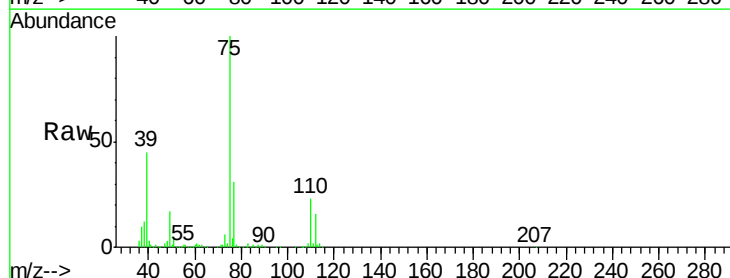
Tgt Ion: 75 Resp: 1373204

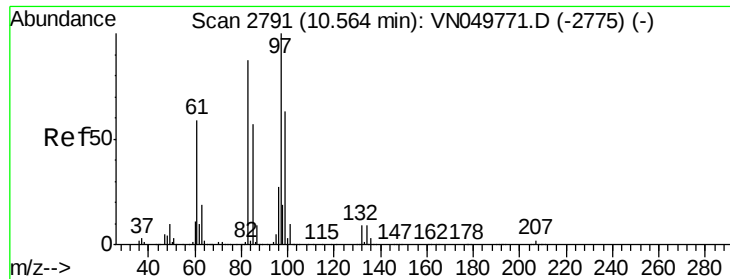
Ion Ratio Lower Upper

75 100

77 31.2 25.3 37.9

39 44.6 35.5 53.3

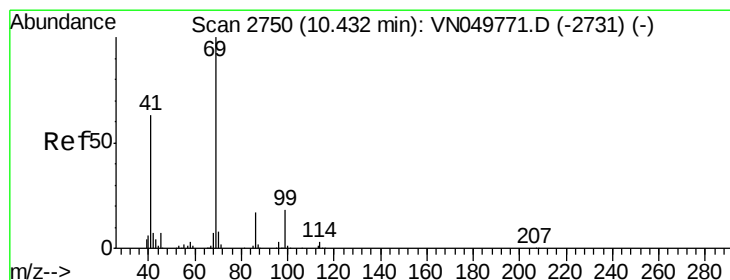
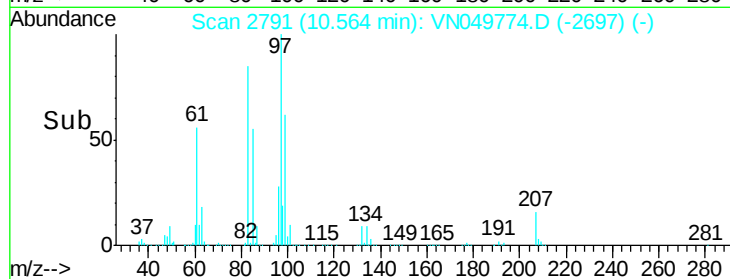
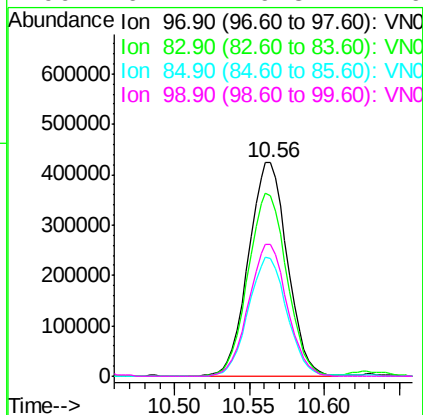
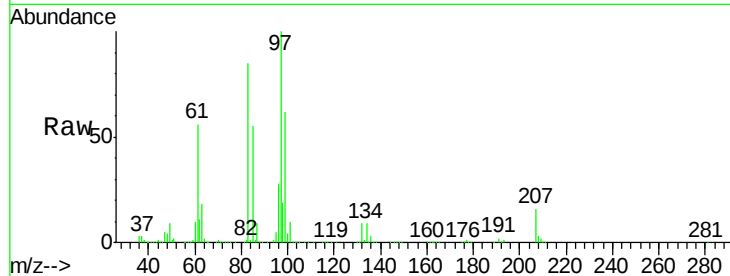




#55
 1,1,2-Trichloroethane
 Concen: 46.138 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049774.D
 Acq: 12 Jul 2018 15:06

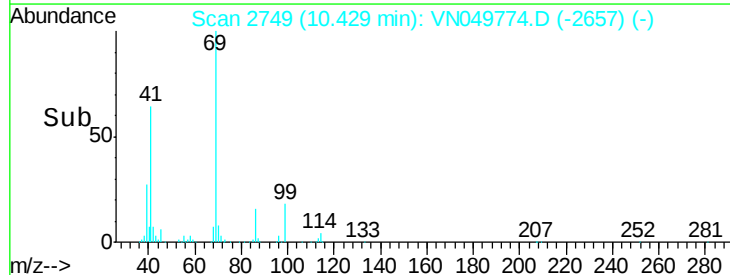
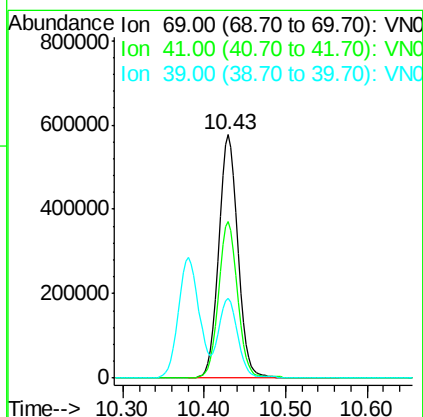
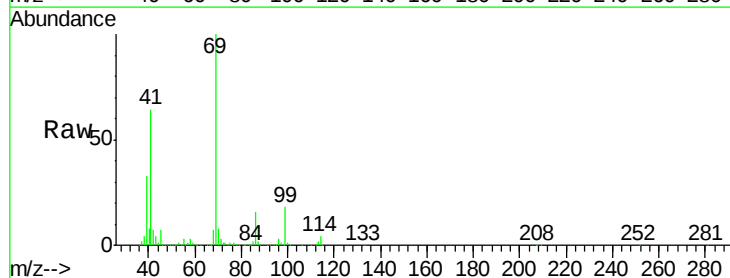
Instrument :
 MSVOA_N
 ClientSampleId :

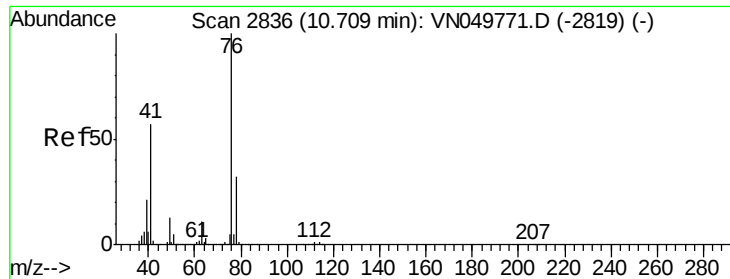
Tot Ion:	97	Resp:	766408
Ion	Ratio	Lower	Upper
97	100		
83	84.6	69.0	103.6
85	55.1	44.9	67.3
99	61.7	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 48.754 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VN049774.D
 Acq: 12 Jul 2018 15:06

Tgt Ion:	69	Resp:	965104
Ion	Ratio	Lower	Upper
69	100		
41	63.1	51.6	77.4
39	33.0	25.8	38.8





#57

1,3-Dichloropropane

Concen: 45.506 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

Instrument :

MSVOA_N

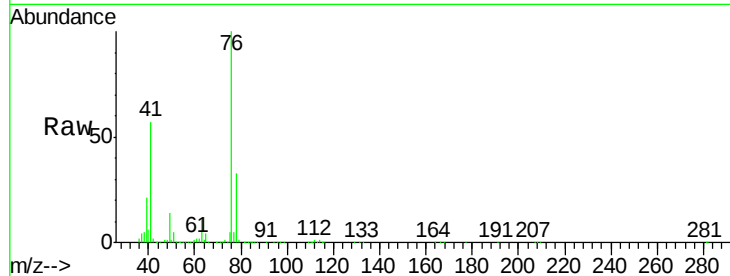
ClientSampleId :

Tot Ion: 76 Resp: 1271384

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN049771.D (-2819) (-)

Ion 77.90 (77.60 to 78.60): VN049771.D (-2819) (-)

10.71

800000

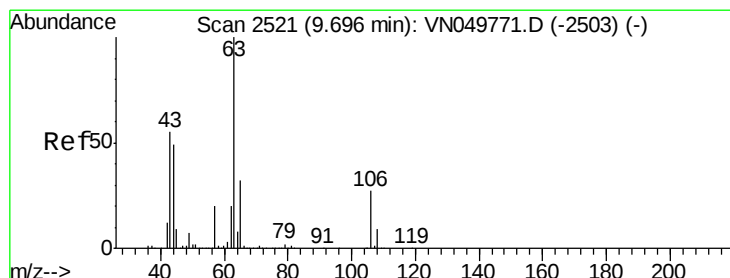
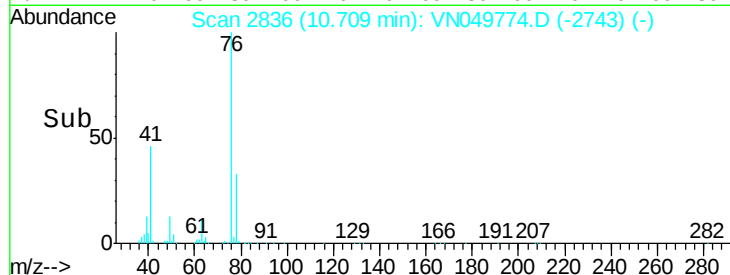
600000

400000

200000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 255.767 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049774.D

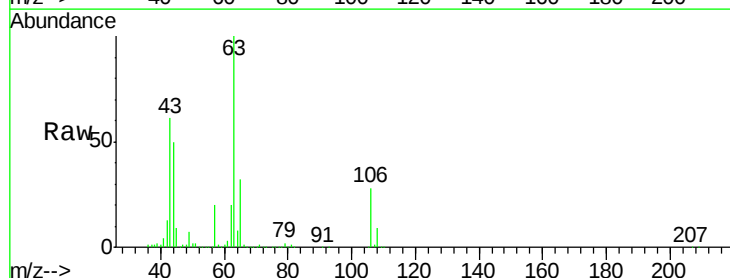
Acq: 12 Jul 2018 15:06

Tgt Ion: 63 Resp: 2428182

Ion Ratio Lower Upper

63 100

106 27.5 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VN049771.D (-2503) (-)

Ion 105.90 (105.60 to 106.60): VN049771.D (-2503) (-)

9.70

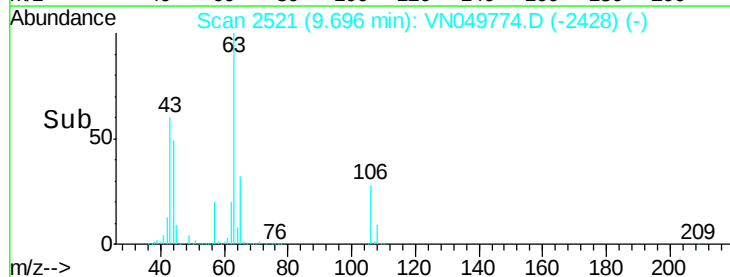
1500000

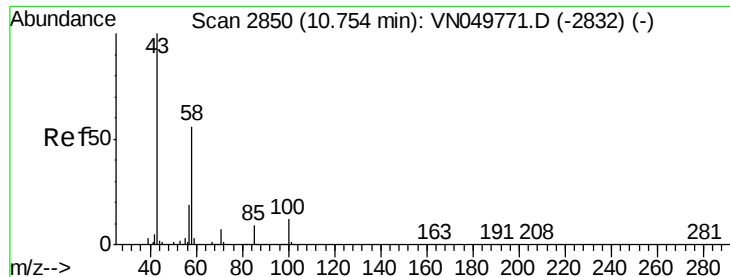
1000000

500000

0

Time-->

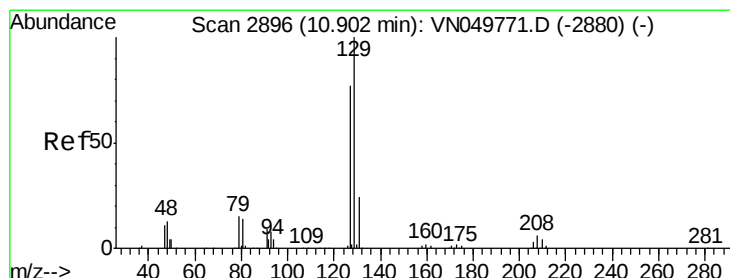
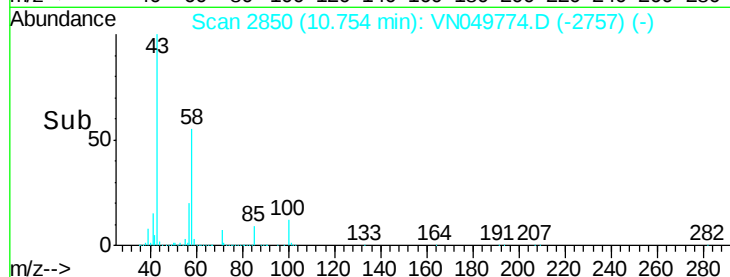
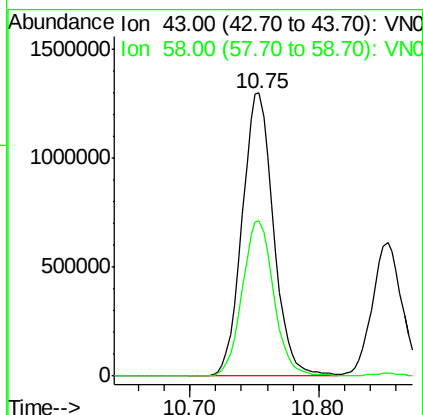
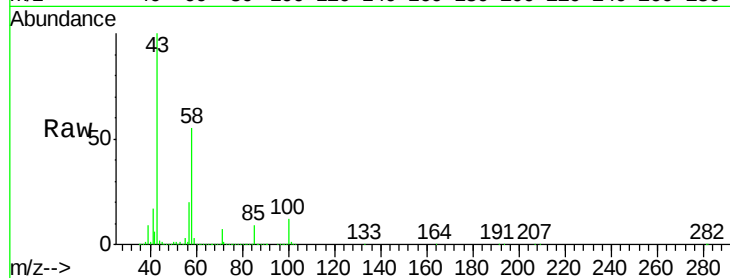




#59
2-Hexanone
Concen: 234.095 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

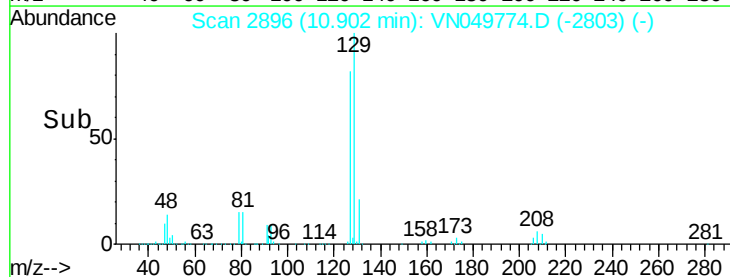
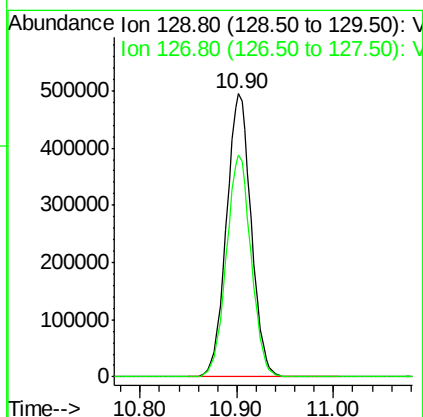
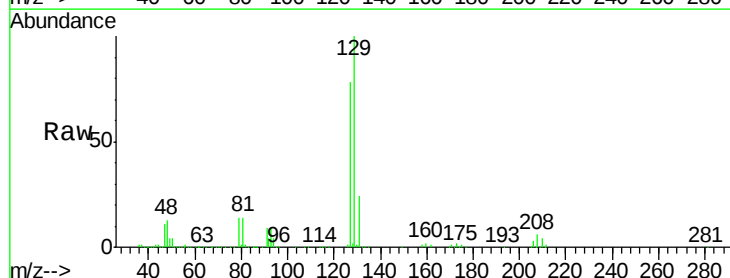
Instrument :
MSVOA_N
ClientSampled :

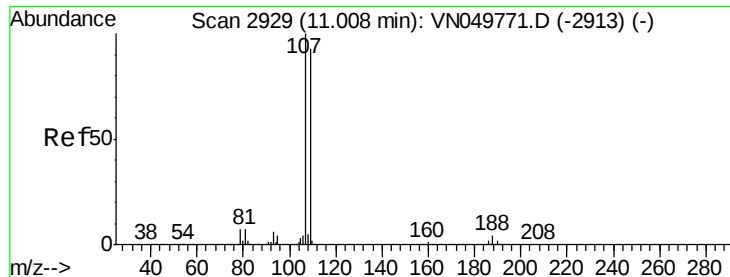
Tot Ion: 43 Resp: 2202054
Ion Ratio Lower Upper
43 100
58 55.4 27.8 83.4



#60
Dibromochloromethane
Concen: 45.668 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

Tgt Ion: 129 Resp: 877346
Ion Ratio Lower Upper
129 100
127 78.2 38.3 114.9

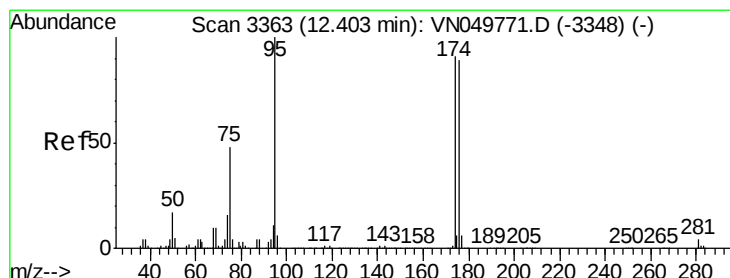
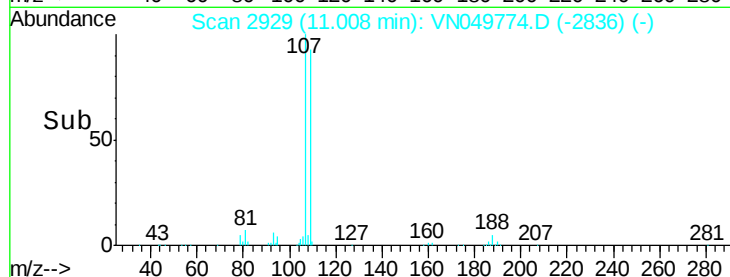
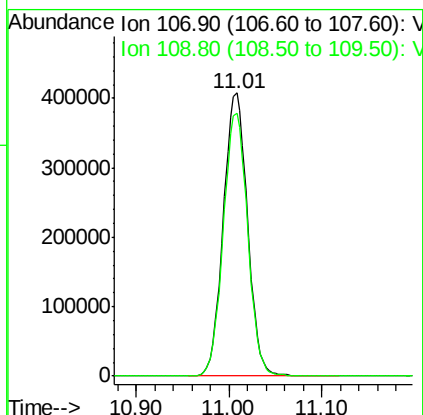
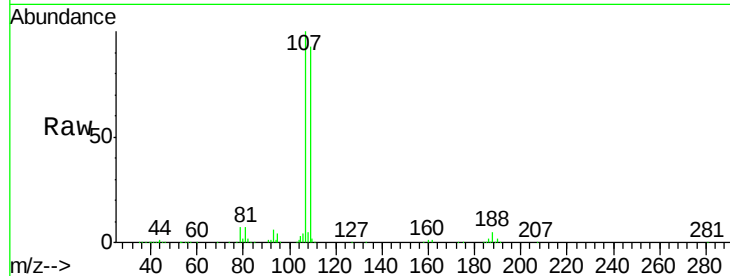




#61
 1,2-Dibromoethane
 Concen: 46.314 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049774.D
 Acq: 12 Jul 2018 15:06

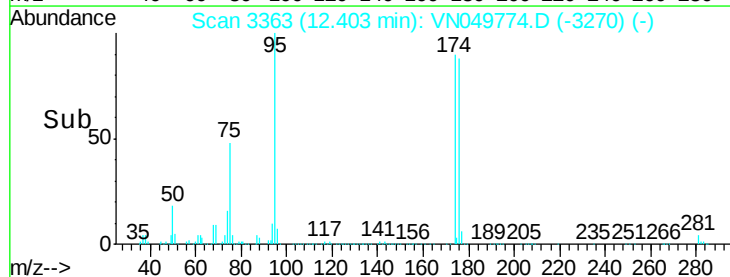
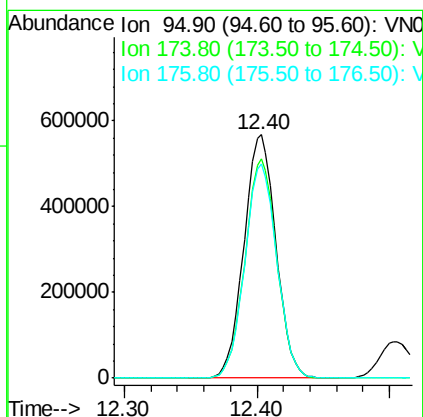
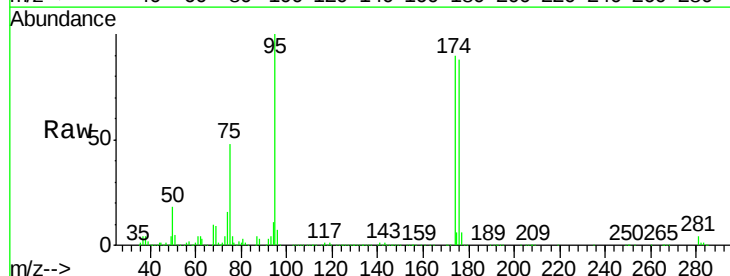
Instrument :
 MSVOA_N
 ClientSampleId :

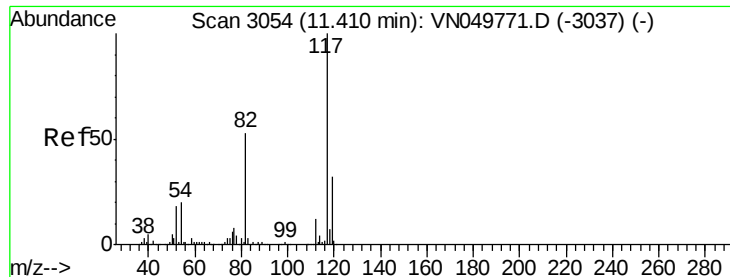
Tot Ion: 107 Resp: 739143
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 48.488 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049774.D
 Acq: 12 Jul 2018 15:06

Tgt Ion: 95 Resp: 949791
 Ion Ratio Lower Upper
 95 100
 174 89.4 0.0 179.6
 176 88.1 0.0 174.0

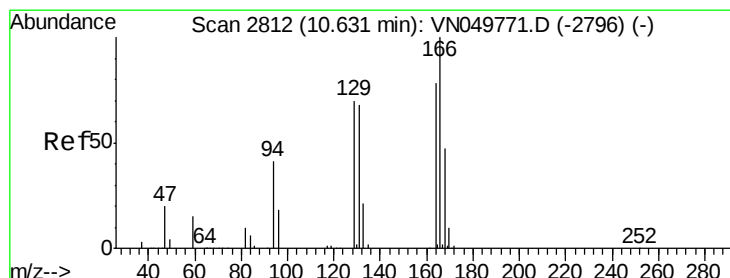
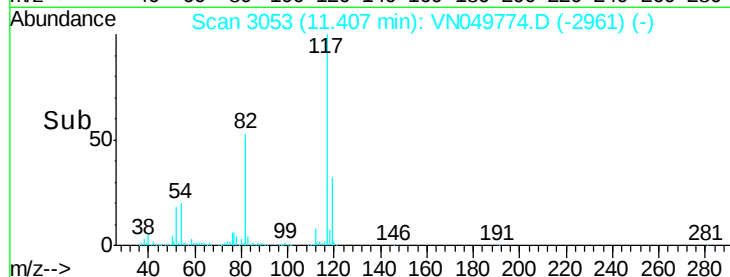
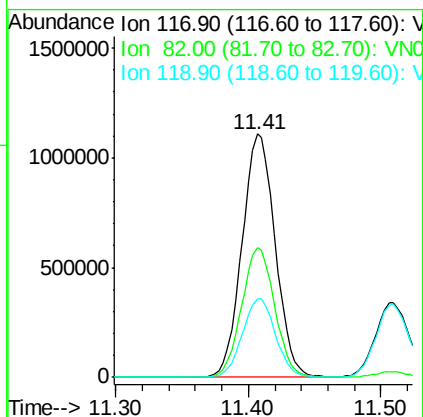
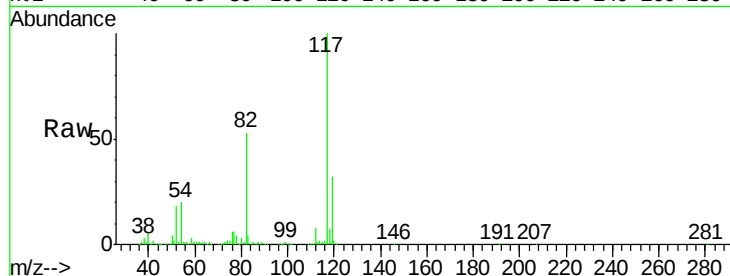




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

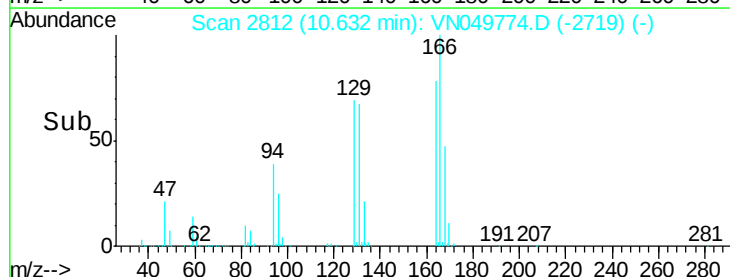
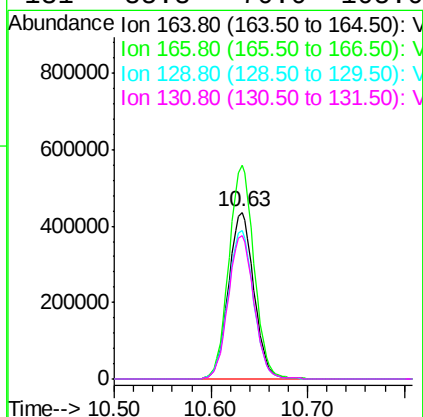
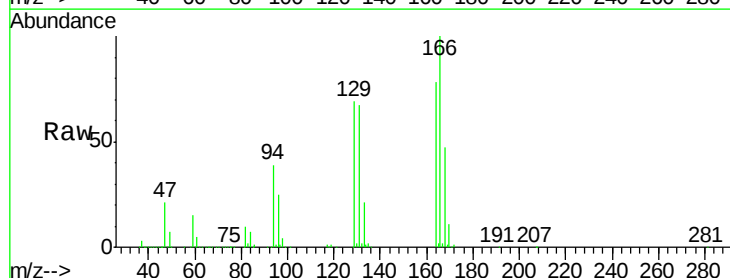
Instrument :
MSVOA_N
ClientSampled :

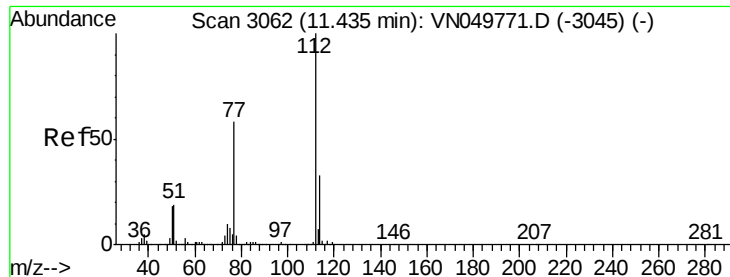
Tot Ion:117 Resp: 1930169
Ion Ratio Lower Upper
117 100
82 53.3 41.9 62.9
119 32.0 25.4 38.2



#64
Tetrachloroethene
Concen: 45.454 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

Tgt Ion:164 Resp: 796594
Ion Ratio Lower Upper
164 100
166 128.2 101.8 152.6
129 88.9 72.8 109.2
131 85.8 70.0 105.0

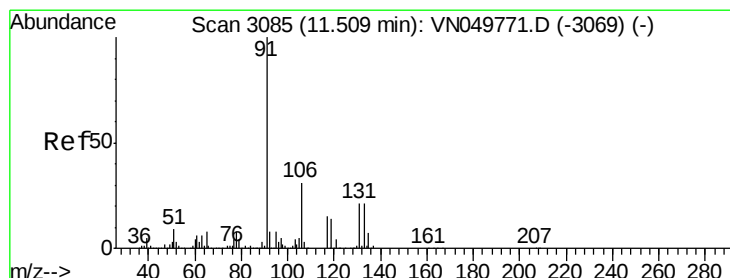
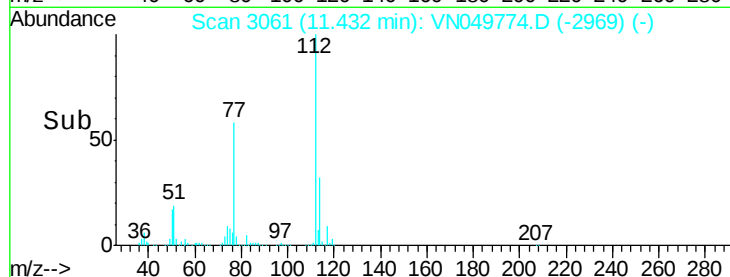
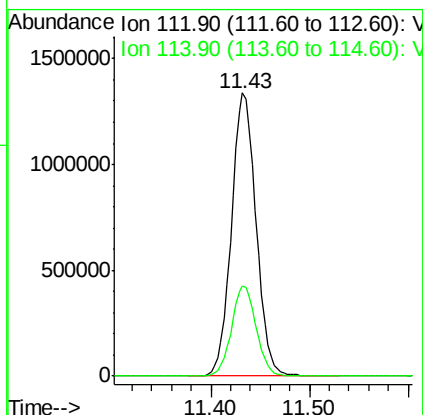
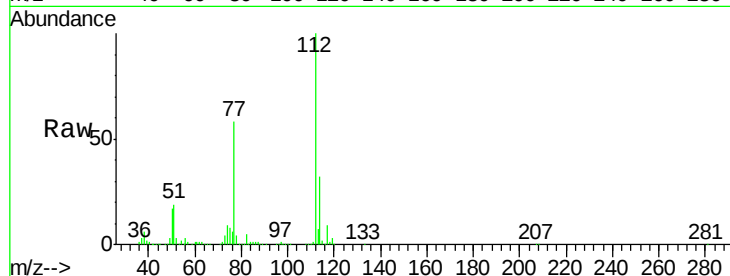




#65
Chlorobenzene
Concen: 46.257 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

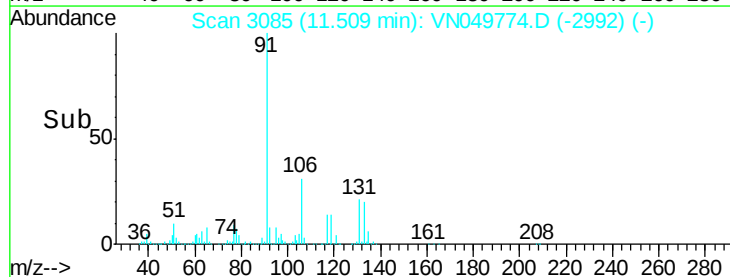
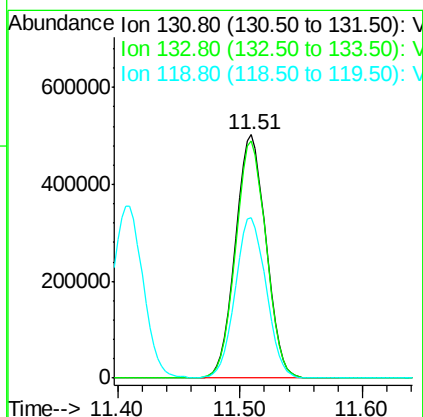
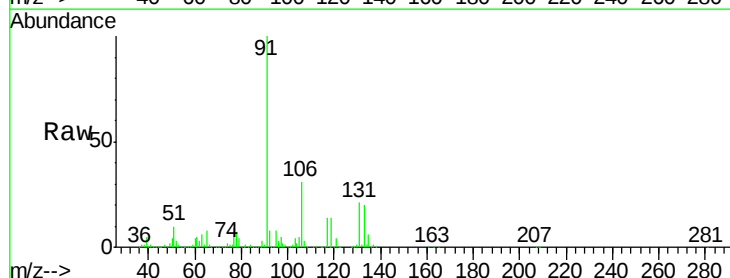
Instrument :
MSVOA_N
ClientSampled :

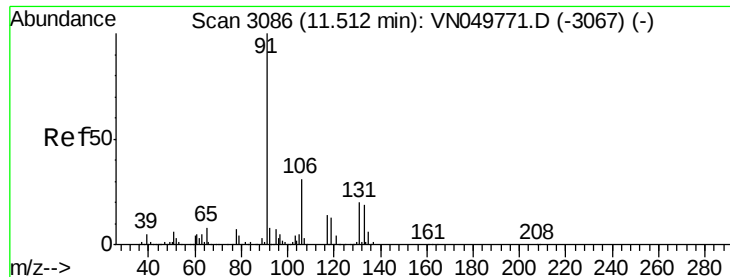
Tot Ion:112 Resp: 2325960
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 46.080 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

Tgt Ion:131 Resp: 871756
Ion Ratio Lower Upper
131 100
133 97.0 47.5 142.6
119 66.7 33.1 99.3

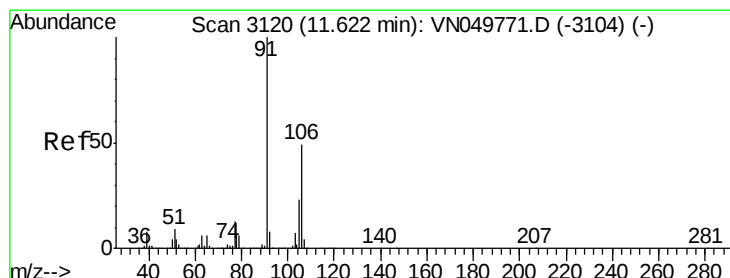
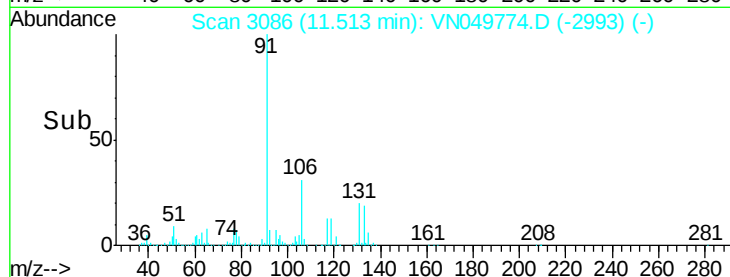
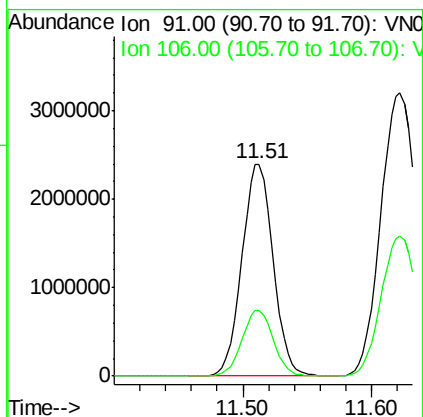
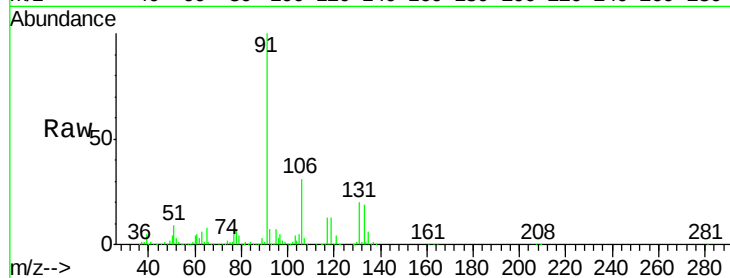




#67
Ethyl Benzene
Concen: 49.031 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

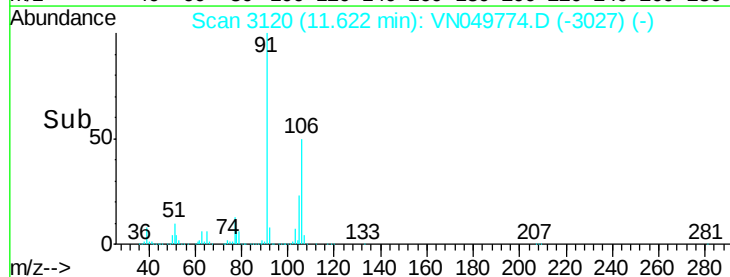
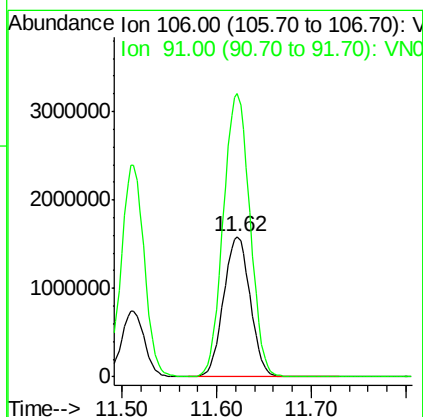
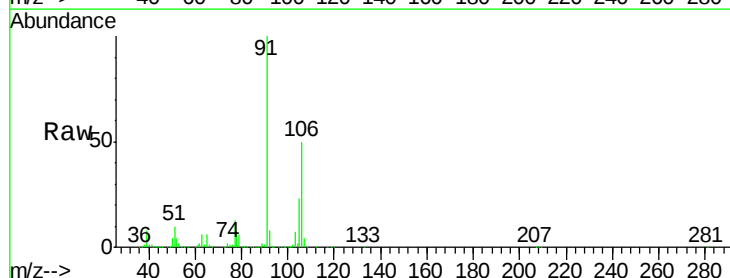
Instrument :
MSVOA_N
ClientSampled :

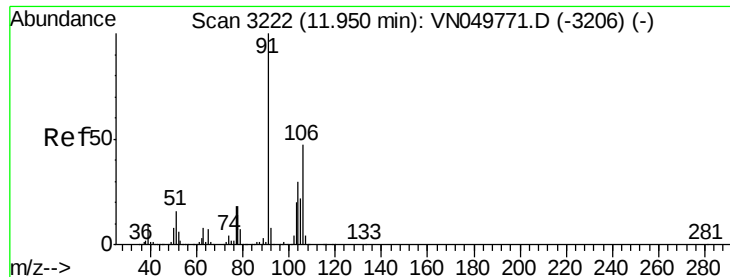
Tot Ion: 91 Resp: 4037286
Ion Ratio Lower Upper
91 100
106 31.1 24.8 37.2



#68
m/p-Xylenes
Concen: 99.872 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

Tgt Ion: 106 Resp: 3086588
Ion Ratio Lower Upper
106 100
91 202.7 163.4 245.2

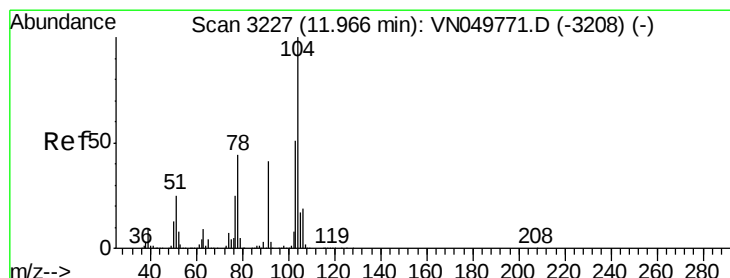
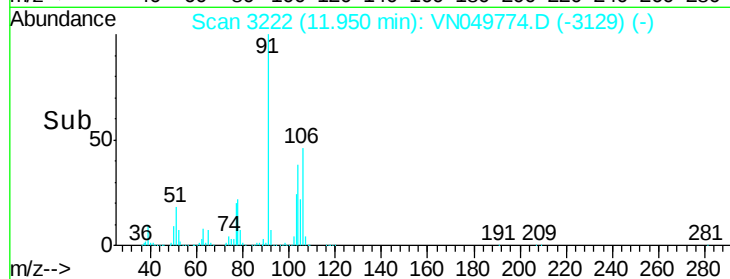
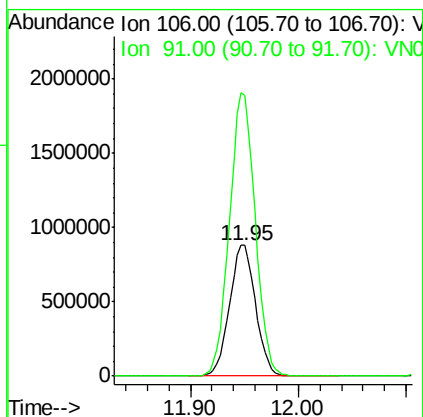
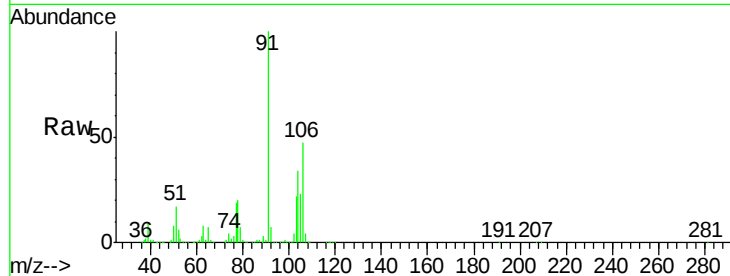




#69
o-Xylene
Concen: 49.587 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

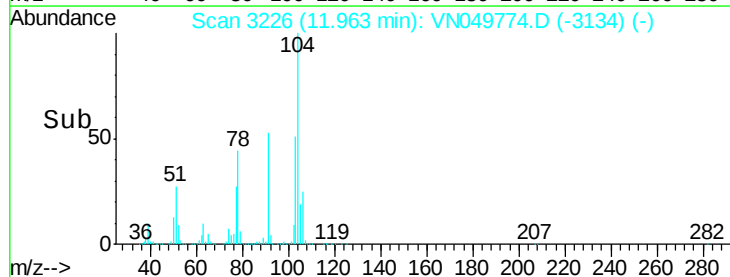
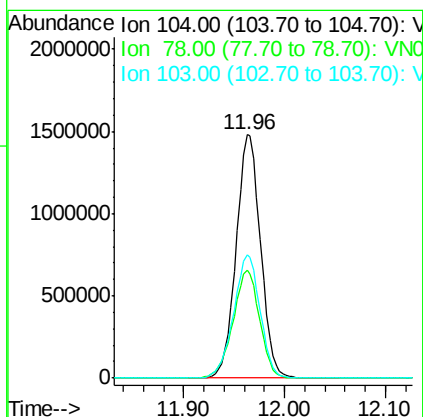
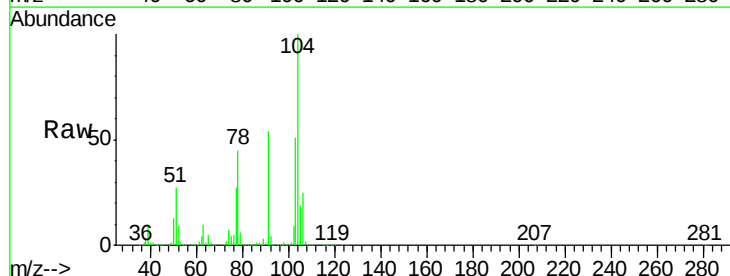
Instrument :
MSVOA_N
ClientSampled :

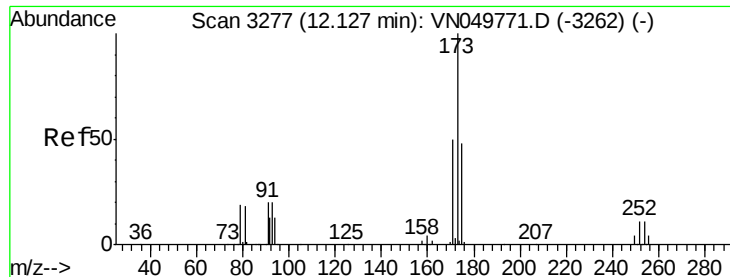
Tot Ion:106 Resp: 1480480
Ion Ratio Lower Upper
106 100
91 214.8 108.7 326.1



#70
Styrene
Concen: 52.304 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

Tgt Ion:104 Resp: 2480506
Ion Ratio Lower Upper
104 100
78 48.5 39.2 58.8
103 54.9 44.6 67.0





#71

Bromoform

Concen: 46.679 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

Instrument :

MSVOA_N

ClientSampleId :

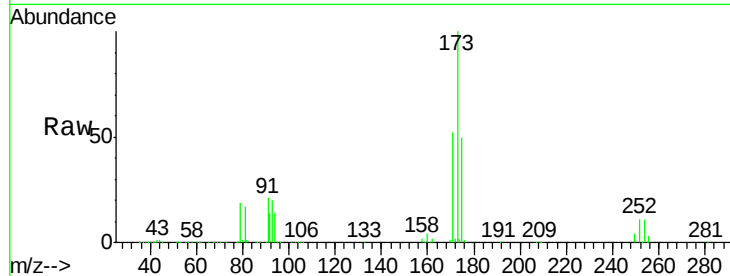
Tot Ion:173 Resp: 596676

Ion Ratio Lower Upper

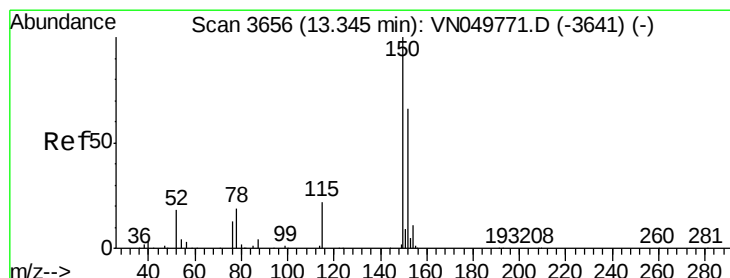
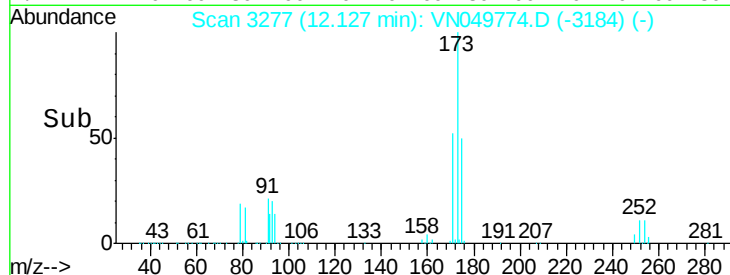
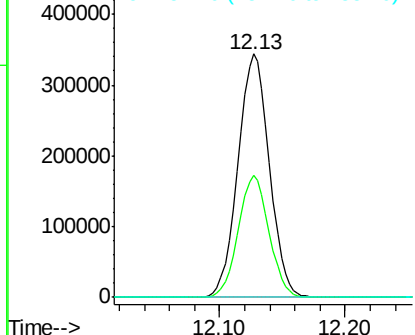
173 100

175 49.1 24.6 73.8

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

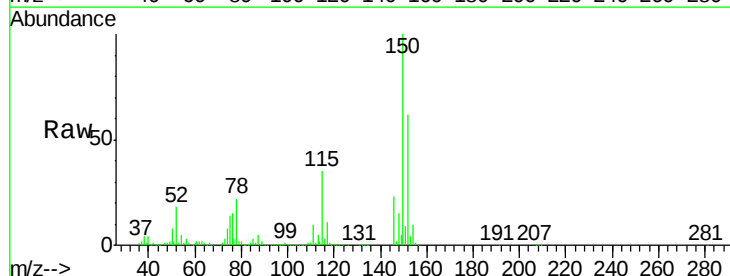
Tgt Ion:152 Resp: 1020963

Ion Ratio Lower Upper

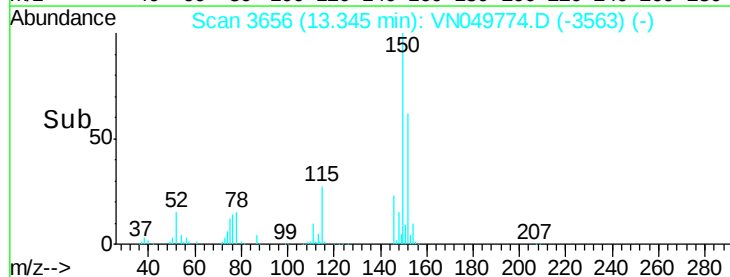
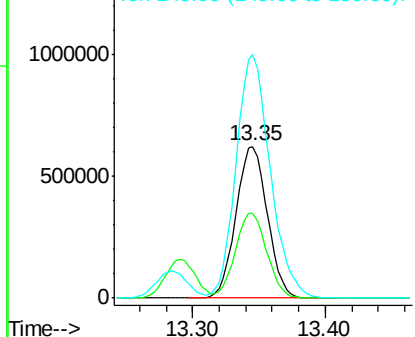
152 100

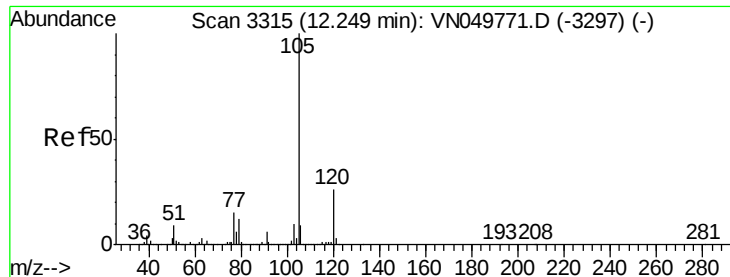
115 55.9 28.1 84.2

150 175.2 0.0 347.6



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: 47.545 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

Instrument :

MSVOA_N

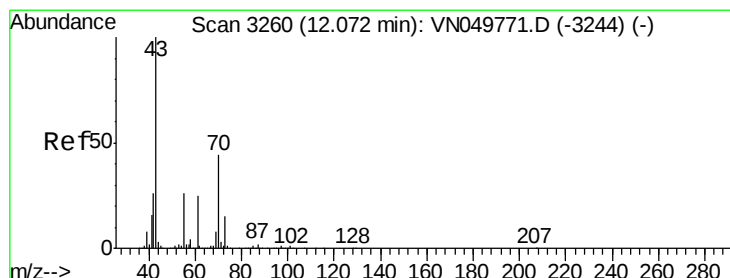
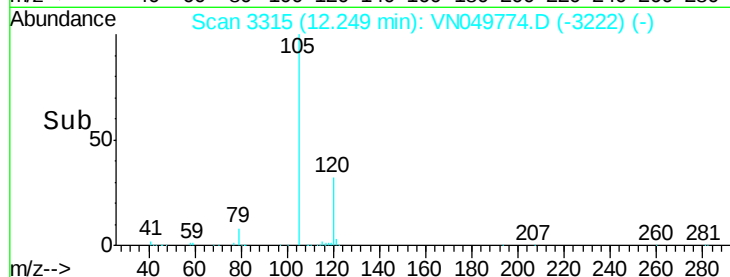
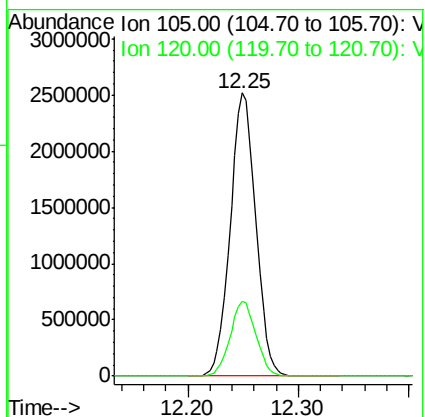
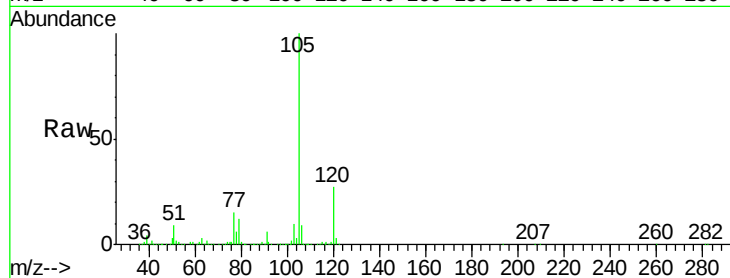
ClientSampled :

Tot Ion:105 Resp: 4034126

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.8



#74

N-ethyl acetate

Concen: 48.064 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

Tgt Ion: 43 Resp: 1060915

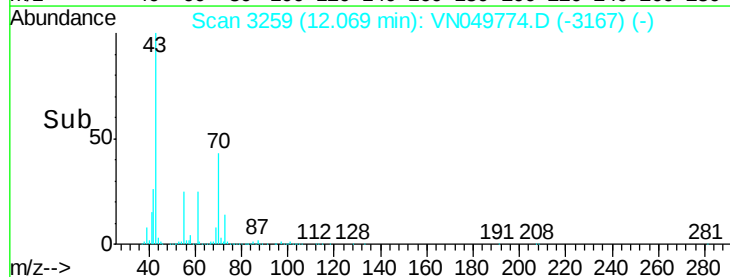
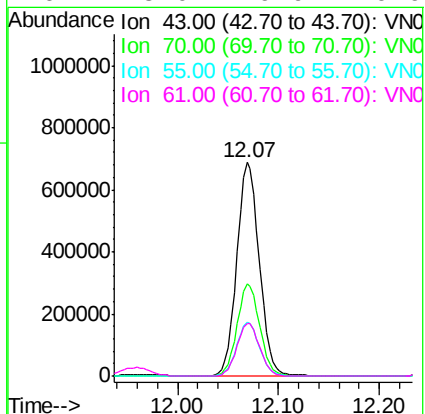
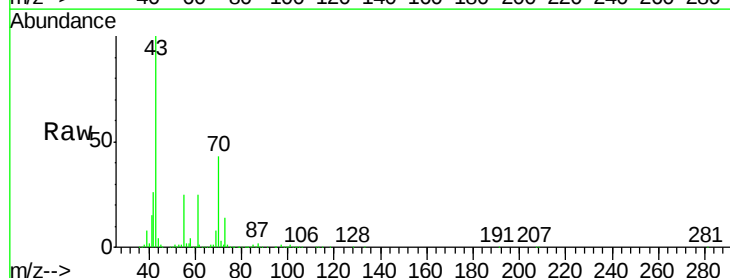
Ion Ratio Lower Upper

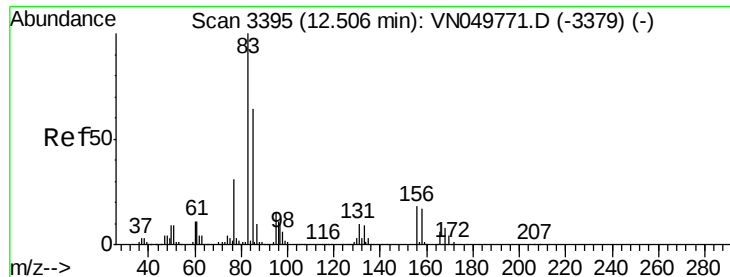
43 100

70 43.4 34.8 52.2

55 25.5 20.9 31.3

61 25.0 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 47.053 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

Instrument :

MSVOA_N

ClientSampleId :

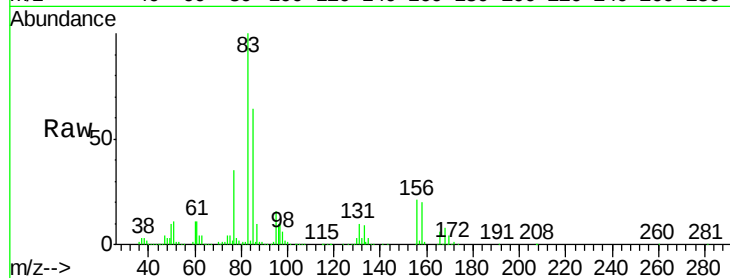
Tot Ion: 83 Resp: 922287

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

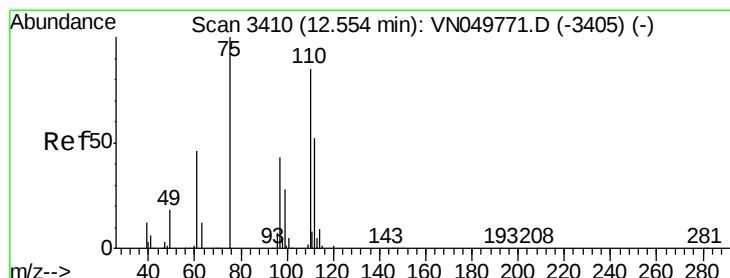
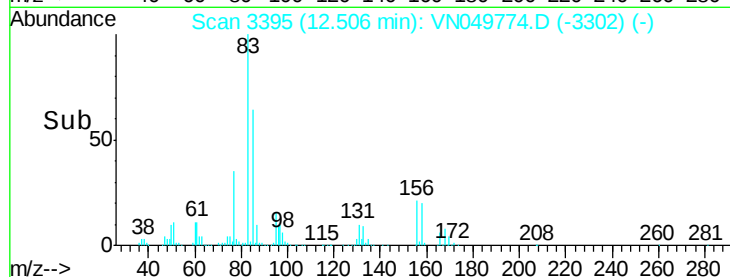
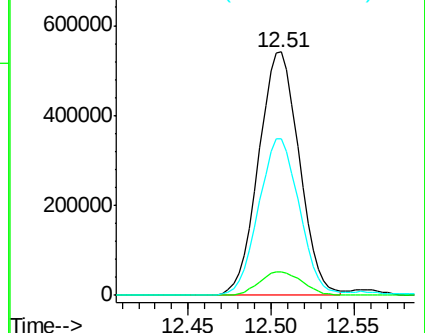
85 64.7 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 63.008 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN049774.D

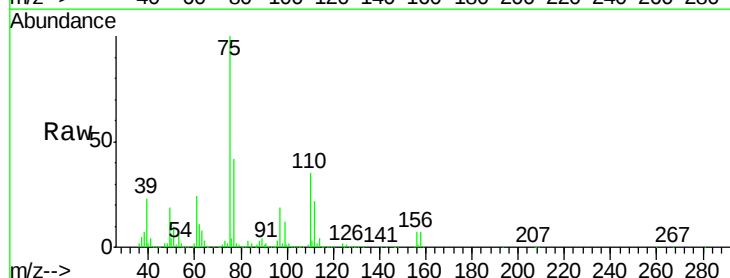
Acq: 12 Jul 2018 15:06

Tgt Ion: 75 Resp: 1142792

Ion Ratio Lower Upper

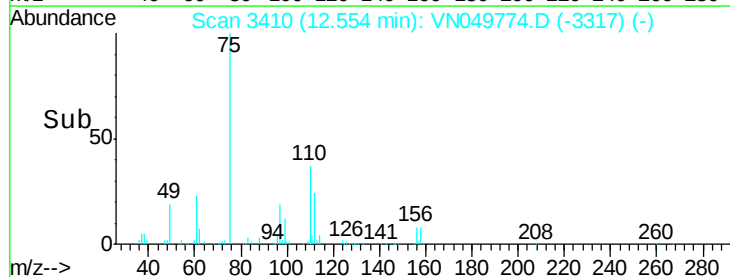
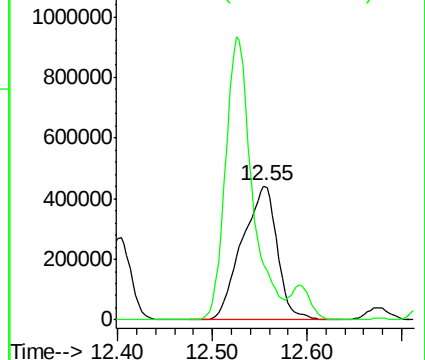
75 100

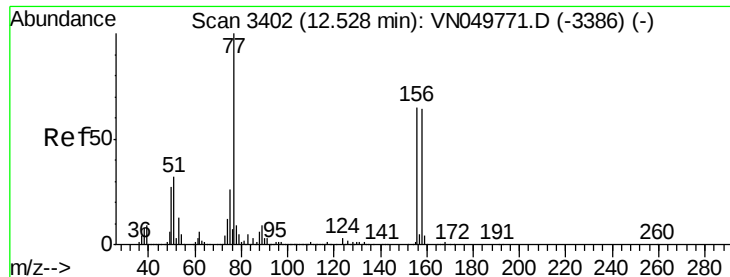
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 45.229 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

Instrument :

MSVOA_N

ClientSampleId :

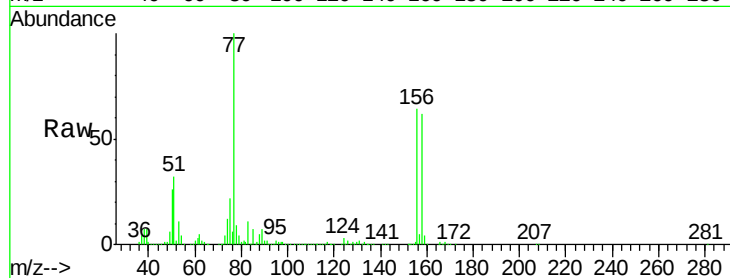
Tot Ion:156 Resp: 1018072

Ion Ratio Lower Upper

156 100

77 180.4 90.2 270.6

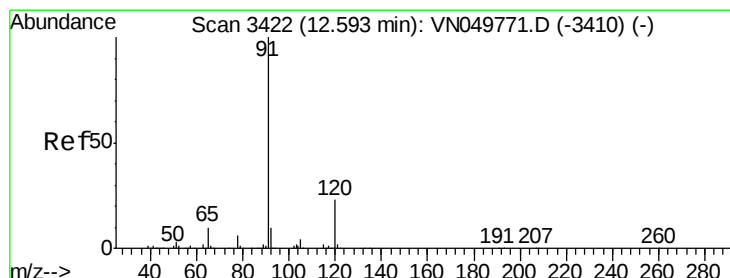
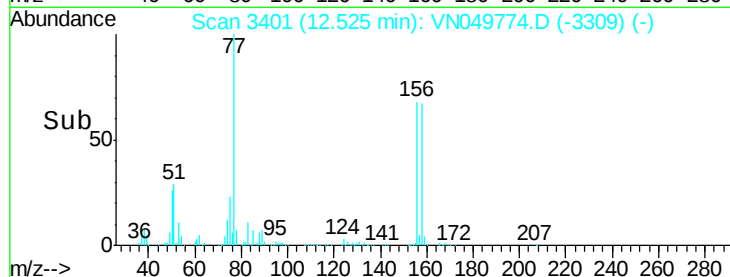
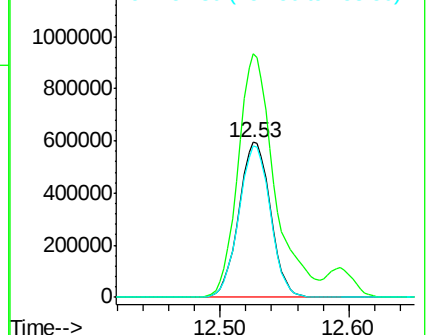
158 97.2 49.1 147.3



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: 48.613 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049774.D

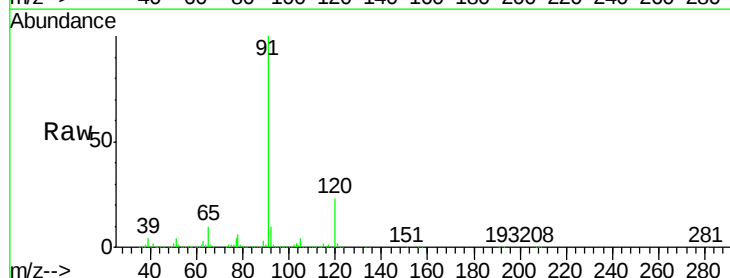
Acq: 12 Jul 2018 15:06

Tgt Ion: 91 Resp: 4650525

Ion Ratio Lower Upper

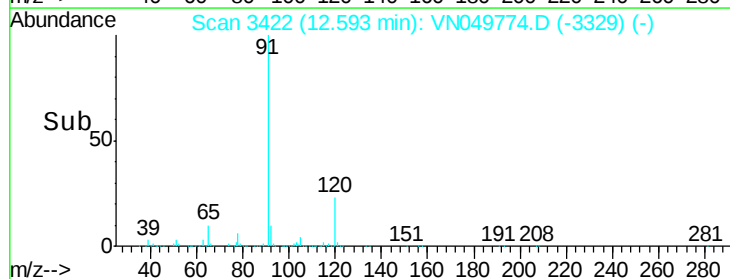
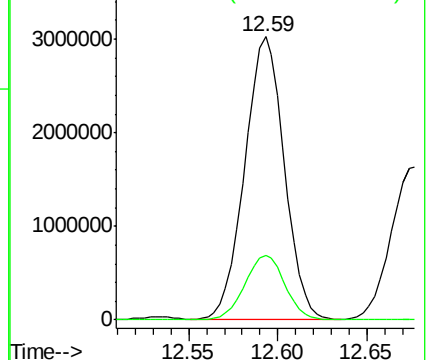
91 100

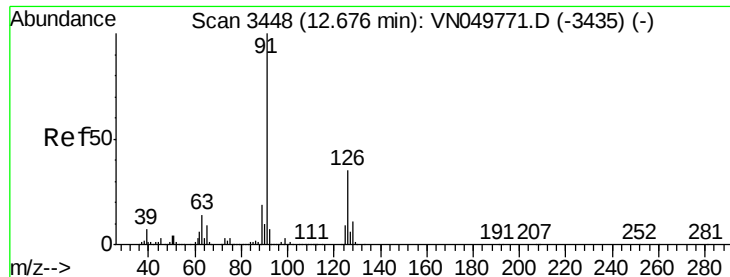
120 23.2 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.470 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

Instrument :

MSVOA_N

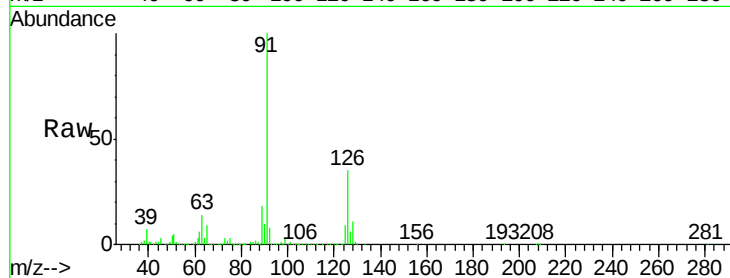
ClientSampleId :

Tot Ion: 91 Resp: 2720672

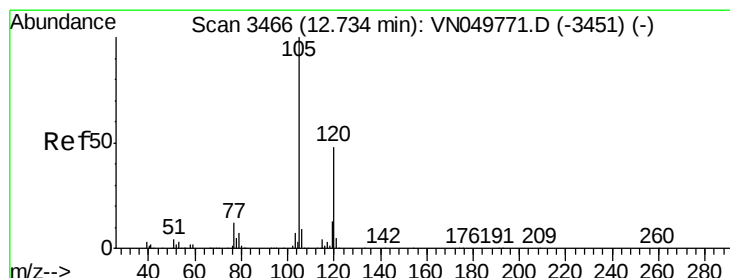
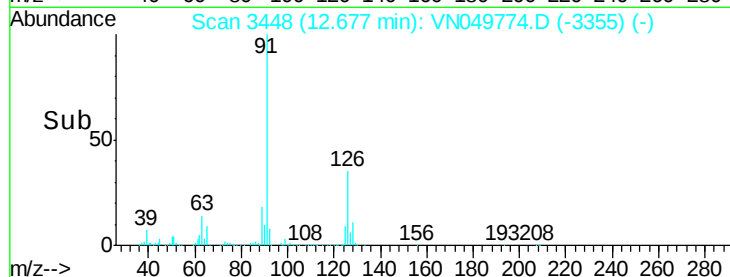
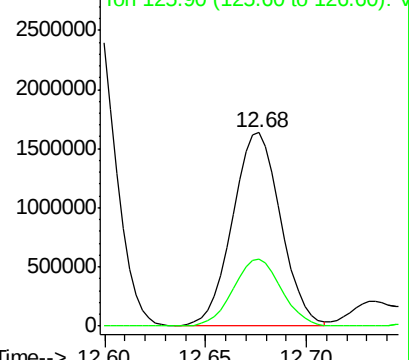
Ion Ratio Lower Upper

91 100

126 35.0 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN049771.D (-3435) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.358 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049774.D

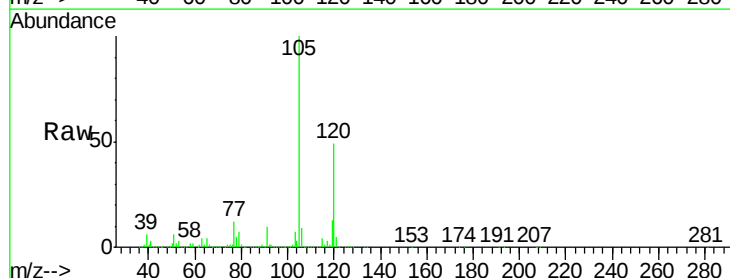
Acq: 12 Jul 2018 15:06

Tgt Ion:105 Resp: 3260754

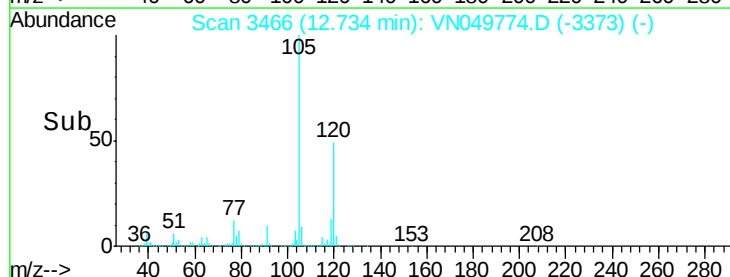
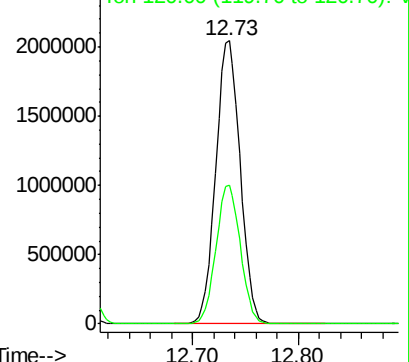
Ion Ratio Lower Upper

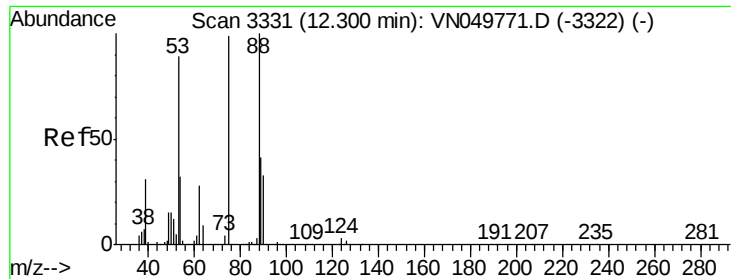
105 100

120 48.8 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN049771.D (-3451) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 47.389 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. 0.00 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

Instrument :

MSVOA_N

ClientSampleId :

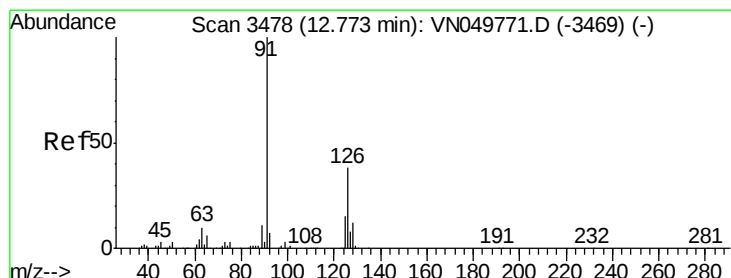
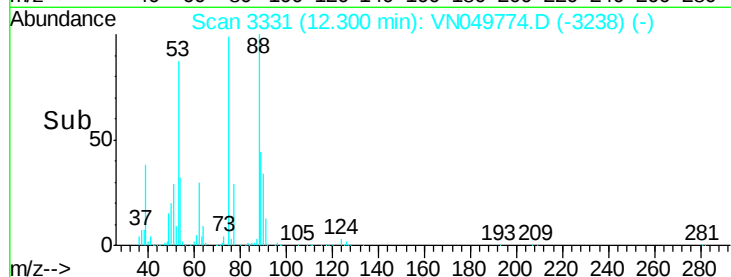
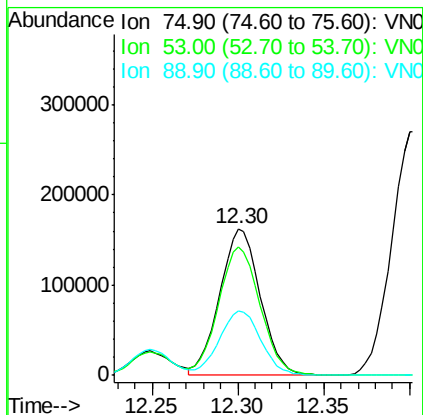
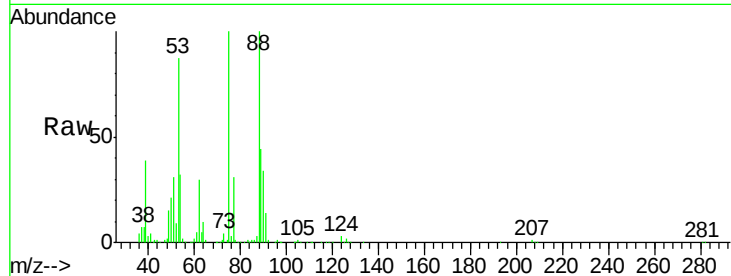
Tot Ion: 75 Resp: 266152

Ion Ratio Lower Upper

75 100

53 90.2 73.9 110.9

89 45.6 35.9 53.9



#82

4-Chlorotoluene

Concen: 48.240 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. 0.00 min

Lab File: VN049774.D

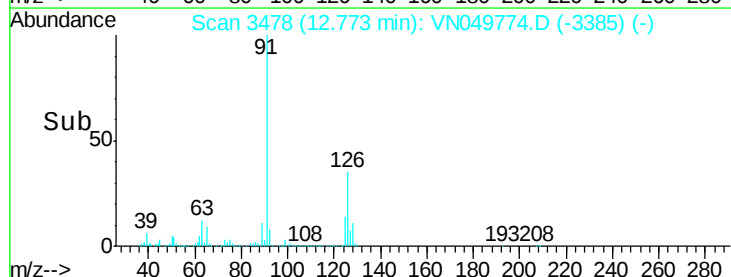
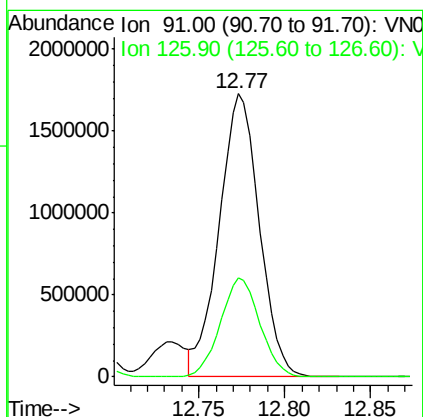
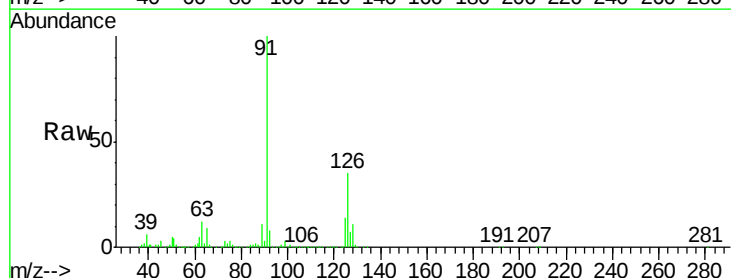
Acq: 12 Jul 2018 15:06

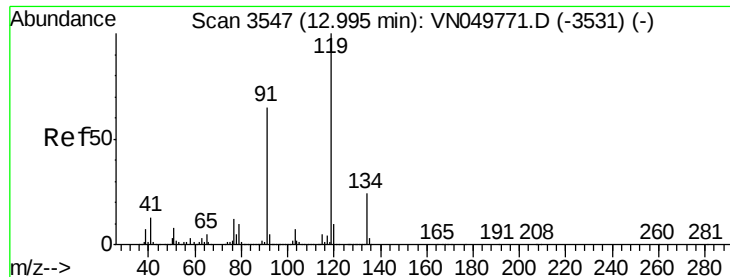
Tgt Ion: 91 Resp: 2801210

Ion Ratio Lower Upper

91 100

126 34.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 47.880 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

Instrument :

MSVOA_N

ClientSampled :

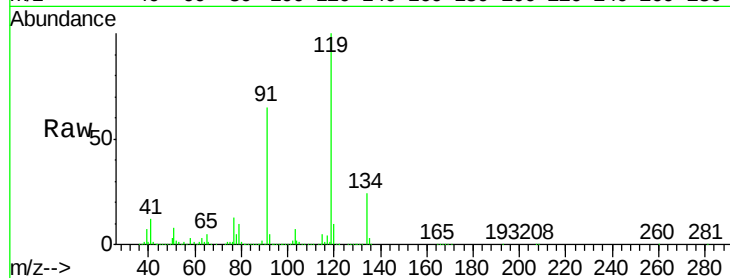
Tot Ion:119 Resp: 2888625

Ion Ratio Lower Upper

119 100

91 63.4 32.0 96.2

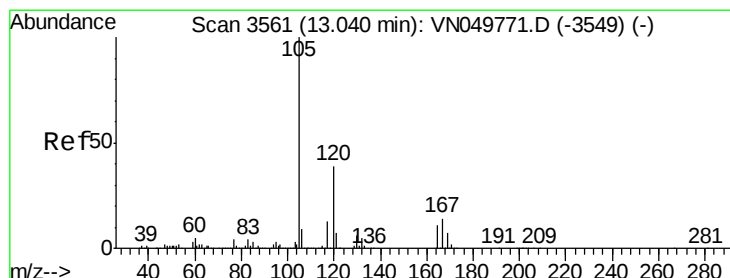
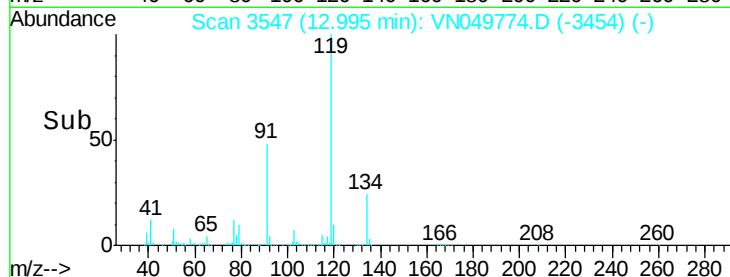
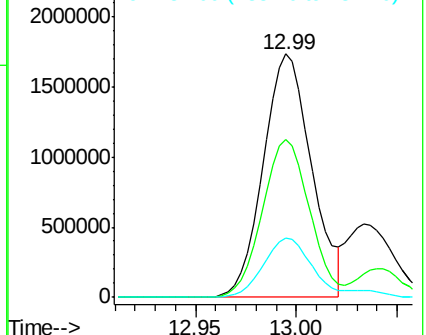
134 26.1 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.612 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.00 min

Lab File: VN049774.D

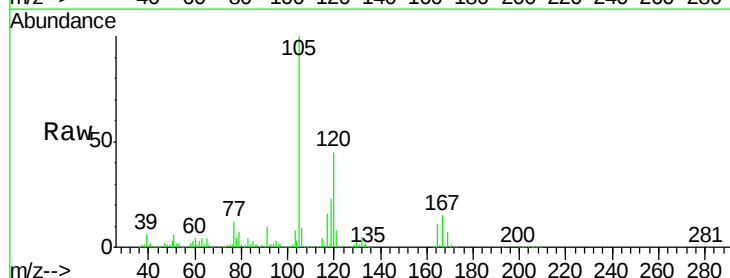
Acq: 12 Jul 2018 15:06

Tgt Ion:105 Resp: 3354892

Ion Ratio Lower Upper

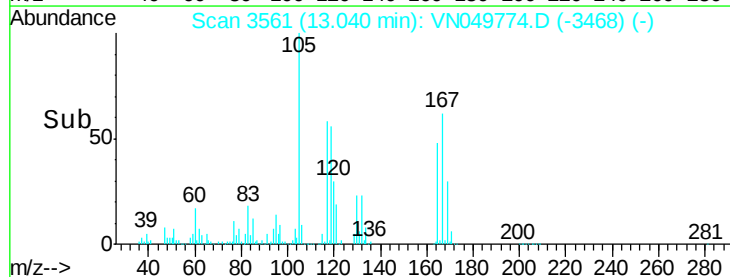
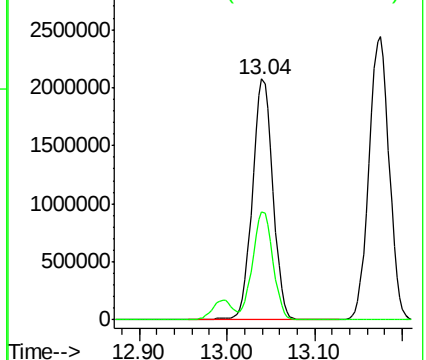
105 100

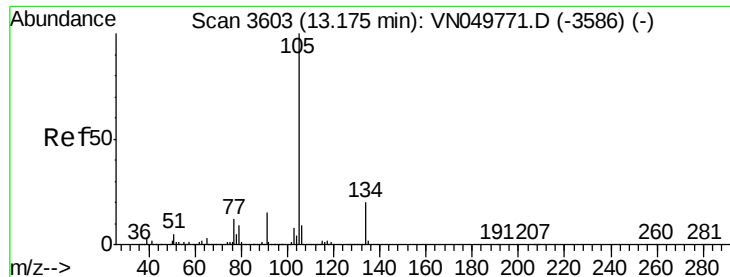
120 45.0 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.405 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

Instrument :

MSVOA_N

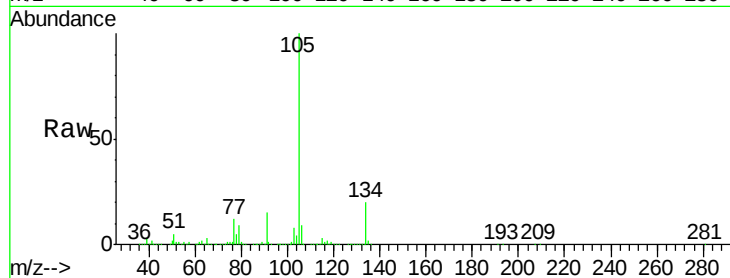
ClientSampled :

Tot Ion:105 Resp: 3906323

Ion Ratio Lower Upper

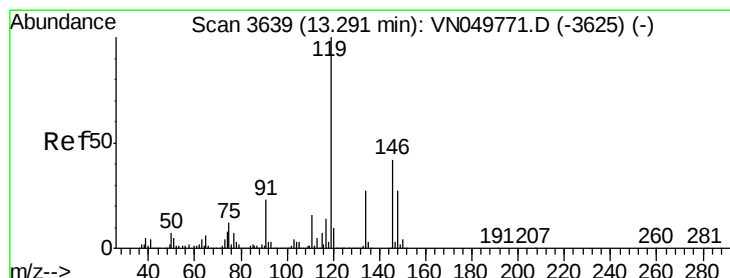
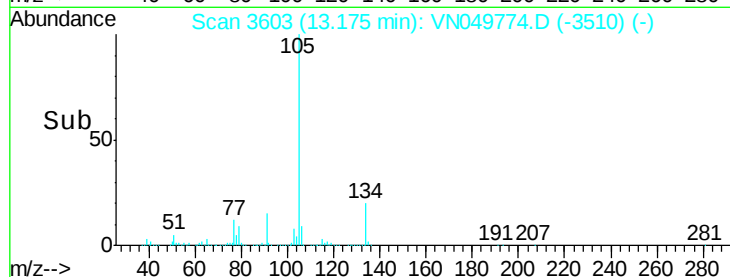
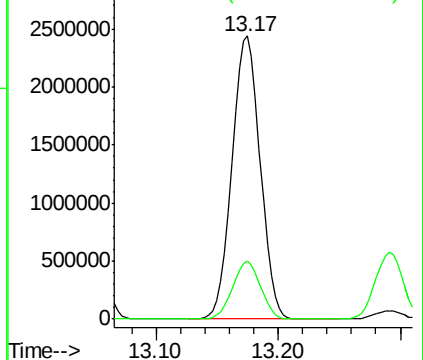
105 100

134 20.3 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.561 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

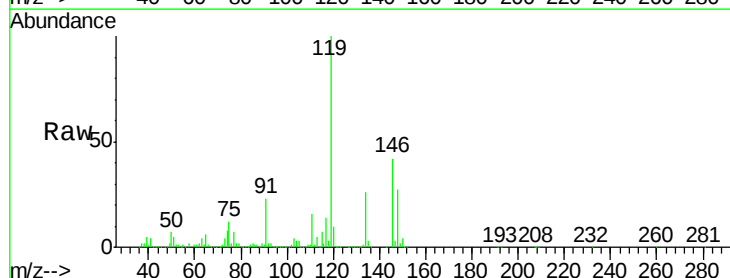
Tgt Ion:119 Resp: 3382921

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

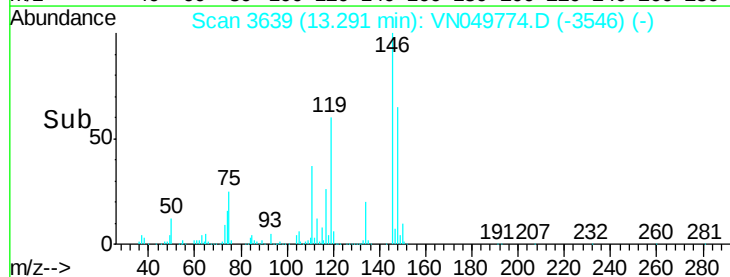
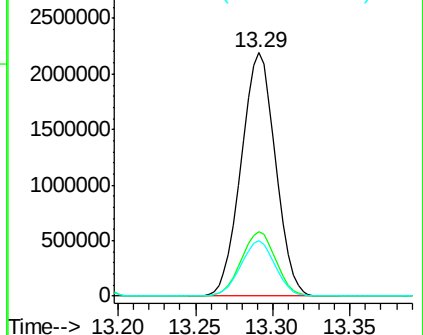
91 22.7 11.4 34.1

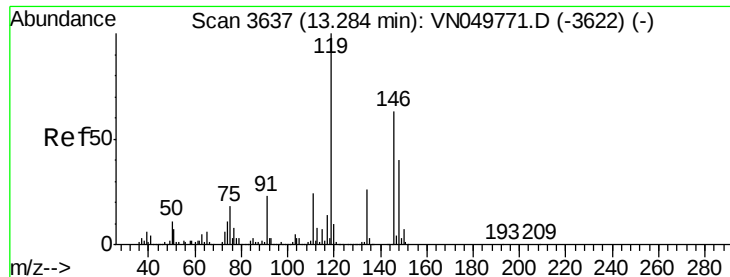


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 46.826 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

Instrument :

MSVOA_N

ClientSampled :

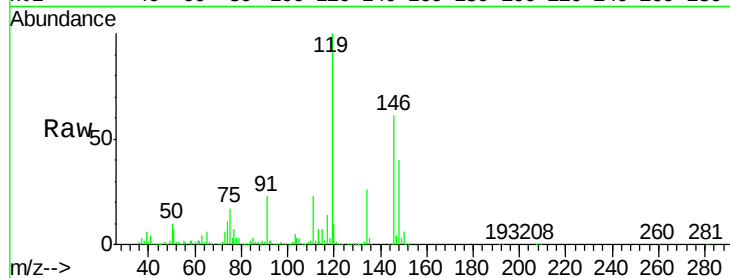
Tot Ion:146 Resp: 1827462

Ion Ratio Lower Upper

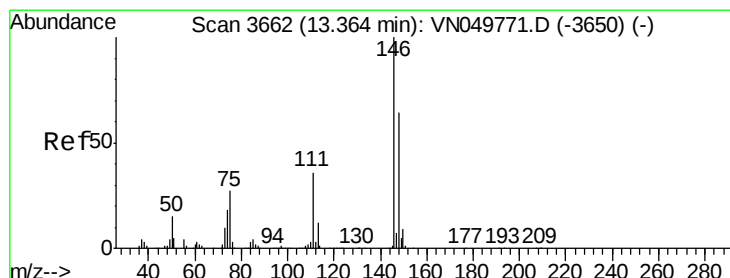
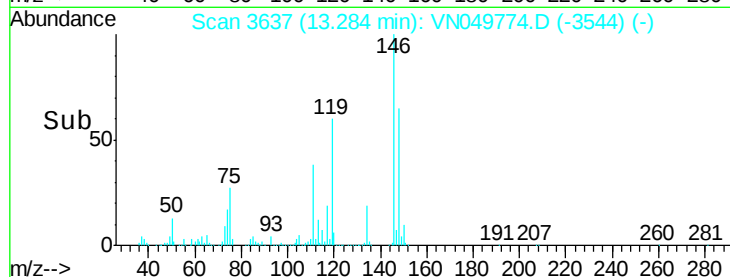
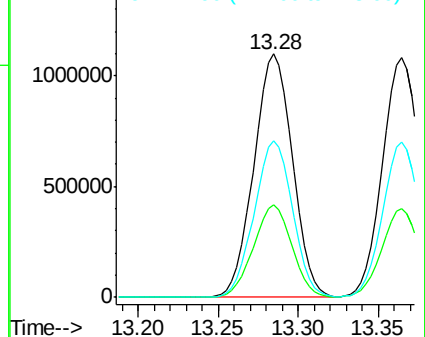
146 100

111 37.7 19.0 57.0

148 64.0 32.5 97.5



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



#88

1,4-Dichlorobenzene

Concen: 47.252 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. 0.00 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

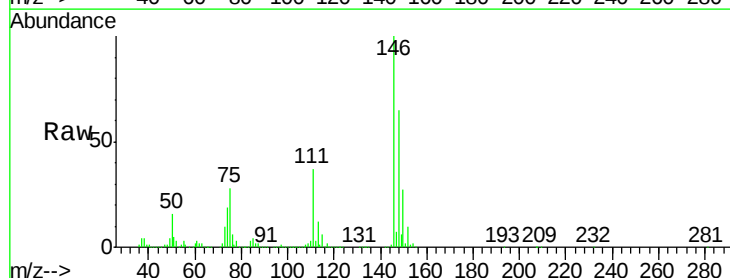
Tgt Ion:146 Resp: 1792749

Ion Ratio Lower Upper

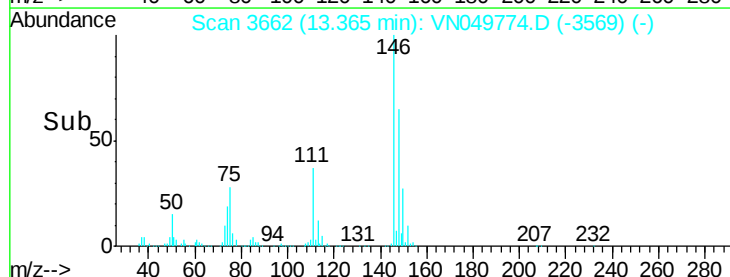
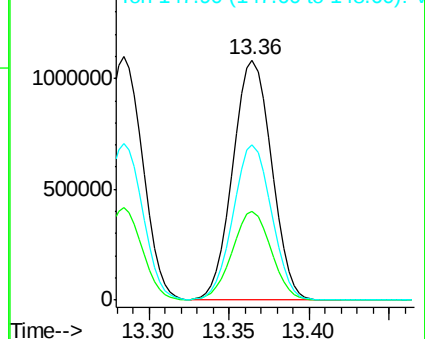
146 100

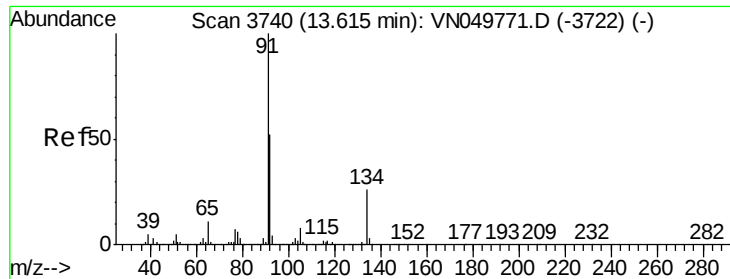
111 37.0 18.9 56.5

148 64.2 32.1 96.3



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

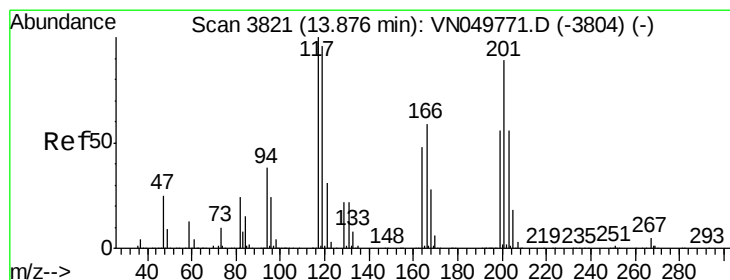
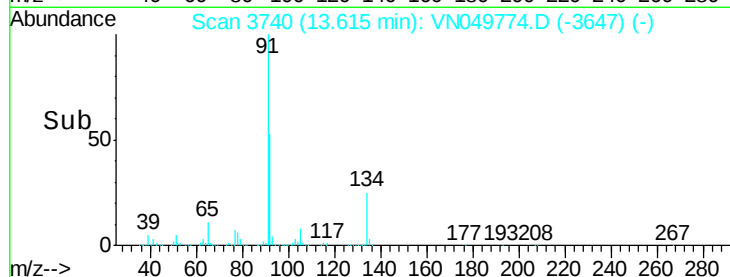
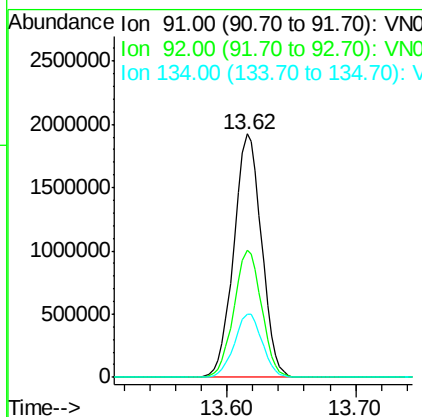
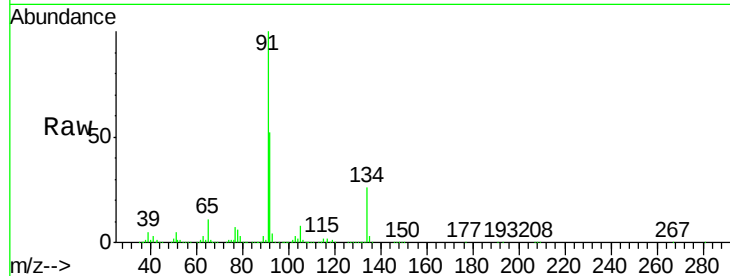




#89
n-Butylbenzene
Concen: 51.954 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

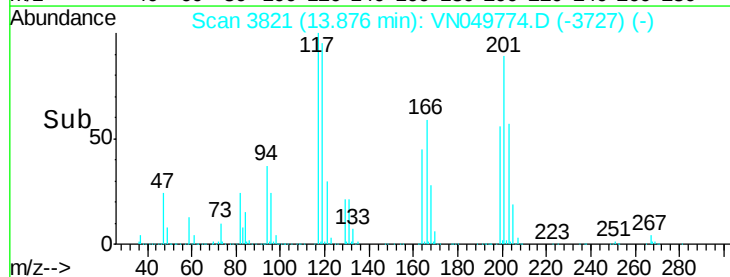
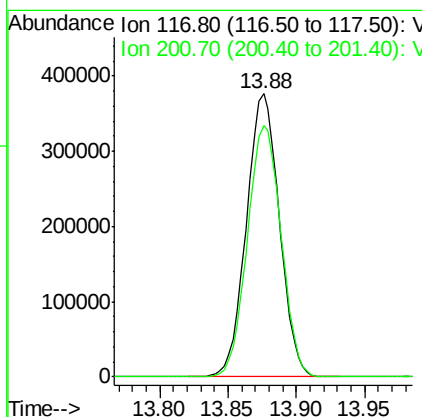
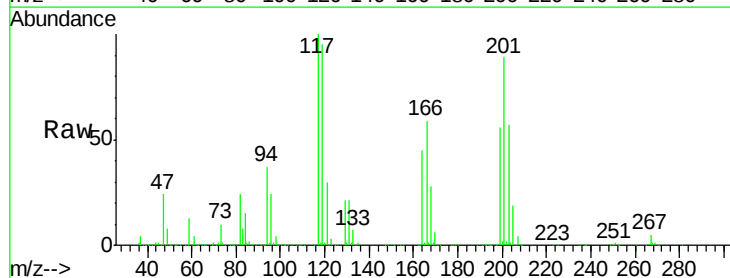
Instrument :
MSVOA_N
ClientSampled :

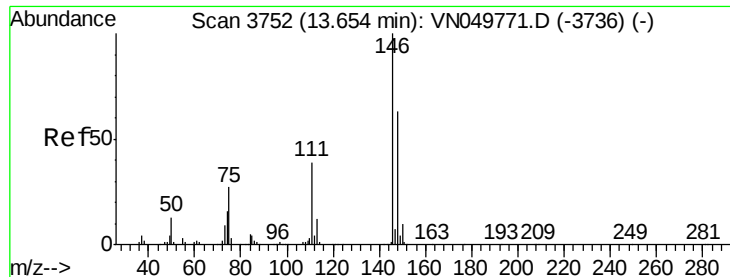
Tot Ion: 91 Resp: 2869644
Ion Ratio Lower Upper
91 100
92 52.2 25.8 77.3
134 26.2 13.0 38.9



#90
Hexachloroethane
Concen: 48.710 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049774.D
Acq: 12 Jul 2018 15:06

Tgt Ion: 117 Resp: 630926
Ion Ratio Lower Upper
117 100
201 91.0 45.3 135.8





#91

1,2-Dichlorobenzene

Concen: 45.652 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. 0.00 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

Instrument :

MSVOA_N

ClientSampled :

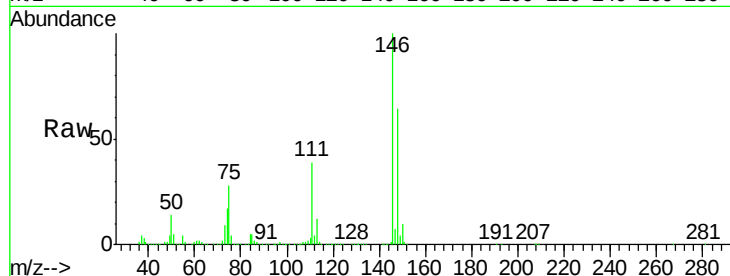
Tot Ion:146 Resp: 1738821

Ion Ratio Lower Upper

146 100

111 39.0 19.7 59.1

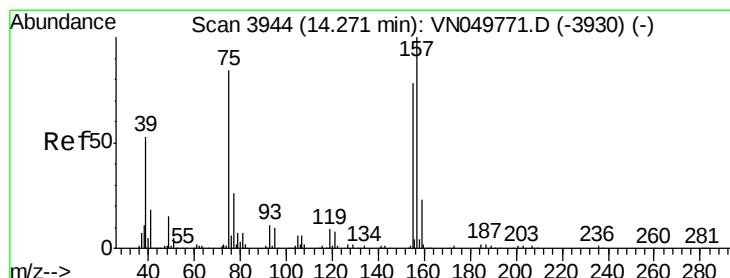
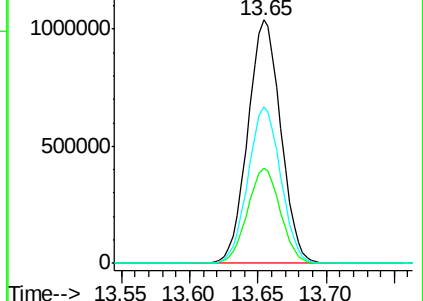
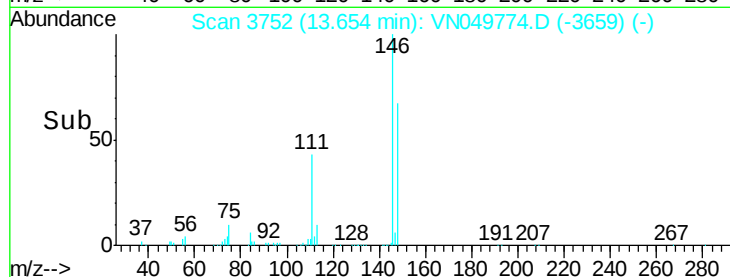
148 64.2 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.044 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

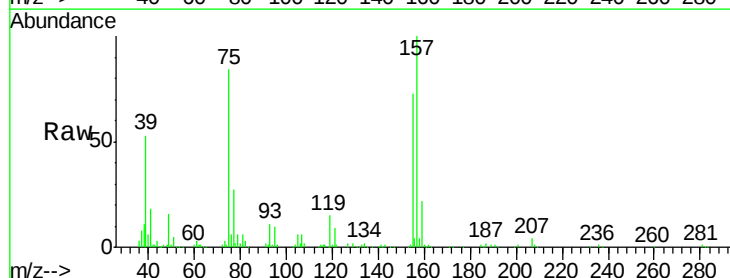
Tgt Ion: 75 Resp: 132257

Ion Ratio Lower Upper

75 100

155 91.3 45.7 137.1

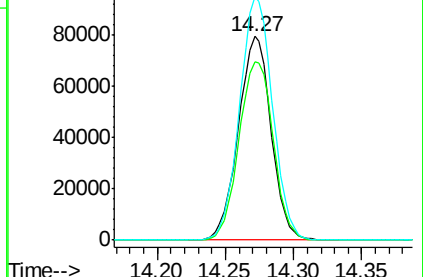
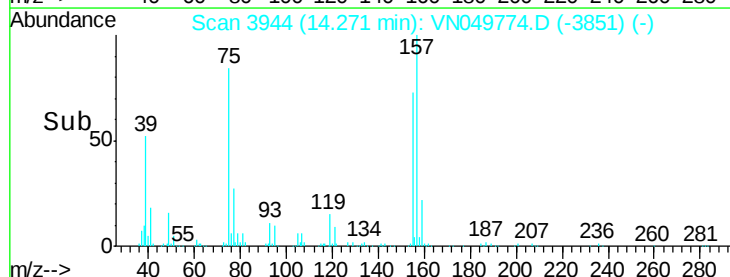
157 119.9 56.9 170.7

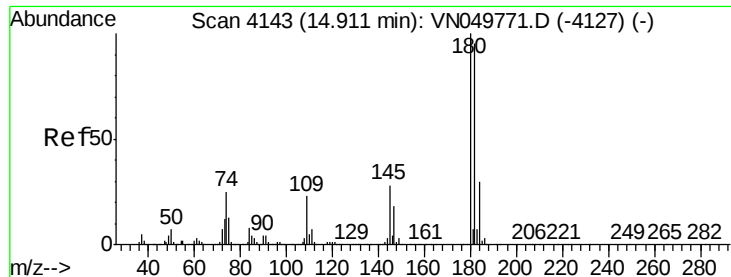


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

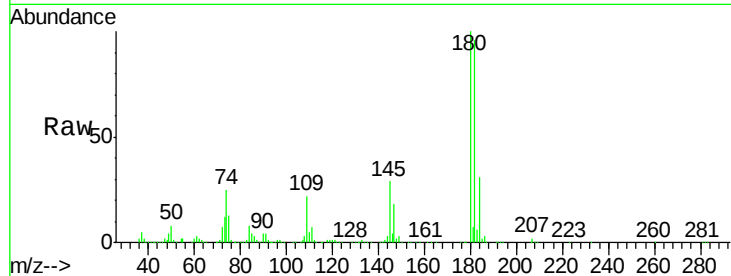




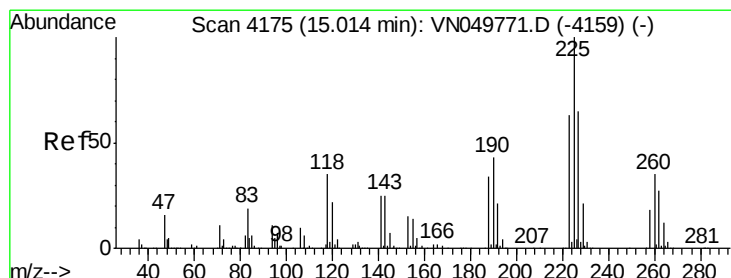
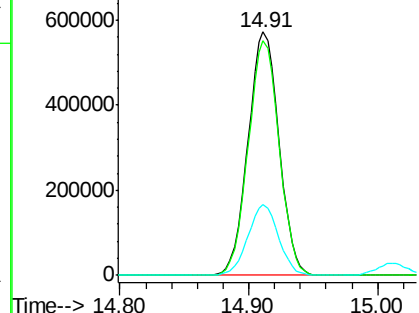
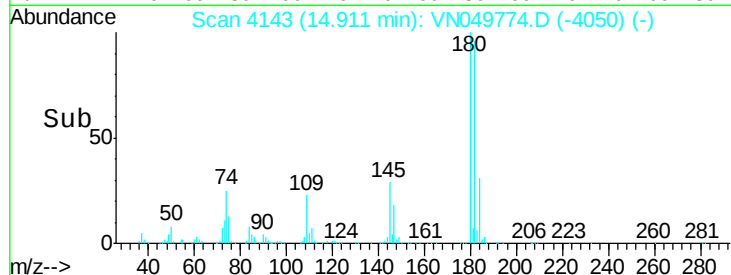
#93
 1,2,4-Trichlorobenzene
 Concen: 45.951 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN049774.D
 Acq: 12 Jul 2018 15:06

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.3	141.9
145	28.7	14.4	43.0

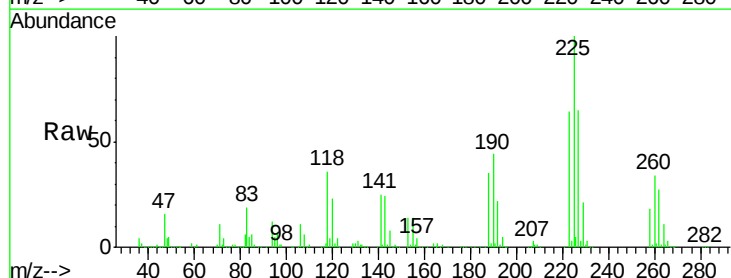


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

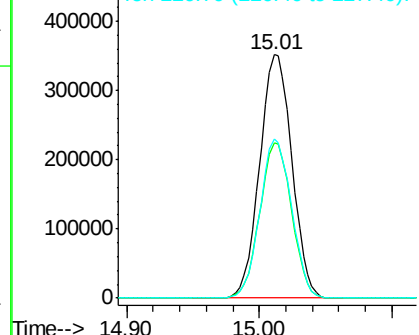
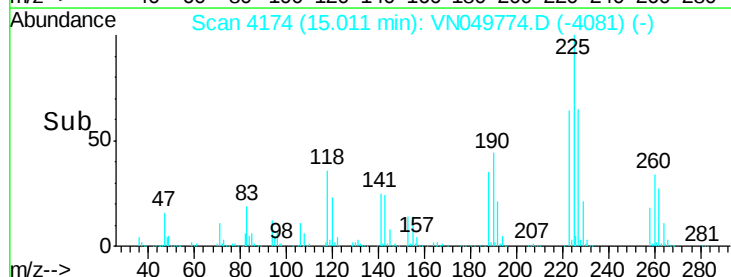


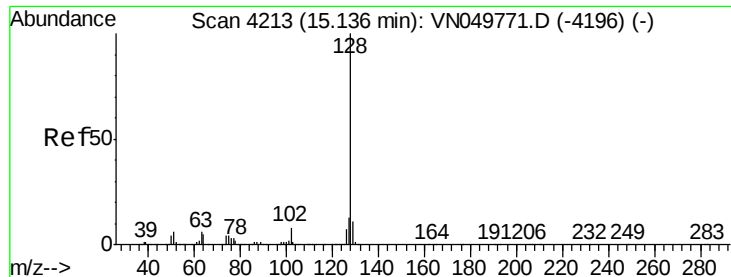
#94
 Hexachlorobutadiene
 Concen: 51.093 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN049774.D
 Acq: 12 Jul 2018 15:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	30.9	92.7
227	64.1	31.8	95.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 44.219 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

Instrument :

MSVOA_N

ClientSampleId :

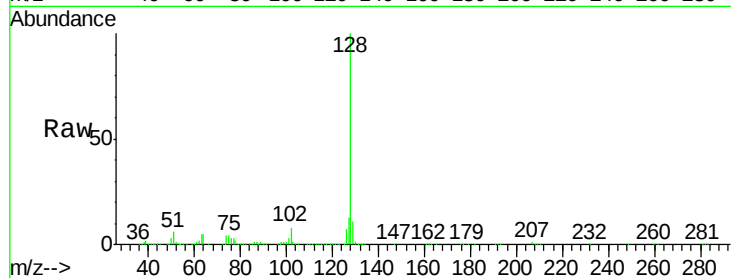
Tot Ion:128 Resp: 1973441

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

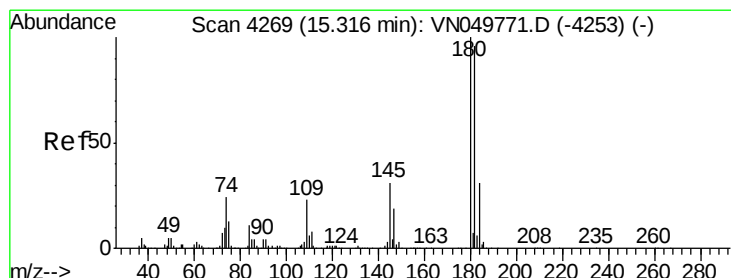
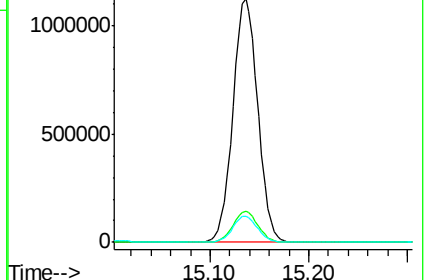
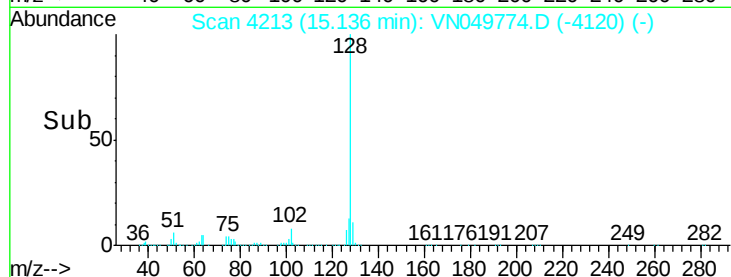
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.613 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN049774.D

Acq: 12 Jul 2018 15:06

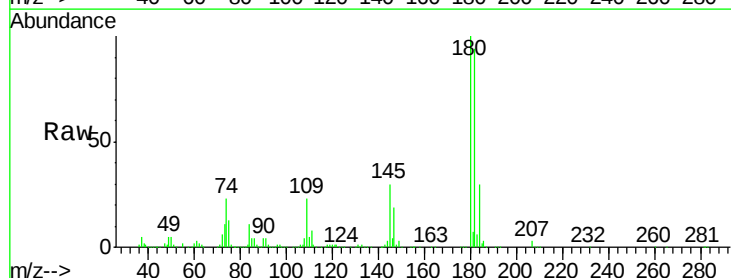
Tgt Ion:180 Resp: 934880

Ion Ratio Lower Upper

180 100

182 95.6 47.4 142.2

145 30.5 15.2 45.6



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

