

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032919\
 Data File : VN054761.D
 Acq On : 29 Mar 2019 10:53
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 30 00:07:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:26:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	456188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	753746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	627554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	267817	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	140353	22.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	45.64%	
35) Dibromofluoromethane	7.60	113	114397	22.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	45.52%	
50) Toluene-d8	10.09	98	412353	22.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.14%	
62) 4-Bromofluorobenzene	12.40	95	127493	20.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	90119	19.53	ug/l	100
3) Chloromethane	2.06	50	123180	19.31	ug/l	100
4) Vinyl Chloride	2.19	62	113014	19.72	ug/l	98
5) Bromomethane	2.58	94	65355	20.43	ug/l	98
6) Chloroethane	2.71	64	63144	19.74	ug/l	97
7) Trichlorofluoromethane	3.03	101	139374	19.79	ug/l	100
8) Diethyl Ether	3.41	74	45287	19.97	ug/l	67
9) 1,1,2-Trichlorotrifluoroet	3.76	101	74330	21.35	ug/l	91
10) Methyl Iodide	3.95	142	104322	20.55	ug/l #	90
11) Tert butyl alcohol	4.81	59	29568	91.37	ug/l	99
12) 1,1-Dichloroethene	3.73	96	72709	20.28	ug/l #	75
13) Acrolein	3.61	56	28169	98.34	ug/l	97
14) Allyl chloride	4.32	41	168866	19.30	ug/l #	93
15) Acrylonitrile	5.00	53	174168	97.80	ug/l	98
16) Acetone	3.82	43	154638	105.45	ug/l #	82
17) Carbon Disulfide	4.04	76	214853	18.47	ug/l	99
18) Methyl Acetate	4.34	43	74940	19.05	ug/l	92
19) Methyl tert-butyl Ether	5.05	73	246761	19.67	ug/l	94
20) Methylene Chloride	4.55	84	99433	19.22	ug/l #	82
21) trans-1,2-Dichloroethene	5.04	96	91950	19.52	ug/l	87
22) Diisopropyl ether	5.96	45	350736	20.08	ug/l #	93
23) Vinyl Acetate	5.90	43	1215785	102.42	ug/l #	93
24) 1,1-Dichloroethane	5.85	63	187153	20.08	ug/l	98
25) 2-Butanone	6.85	43	223028	102.89	ug/l #	89
26) 2,2-Dichloropropane	6.82	77	127420	19.51	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	105674	19.86	ug/l	88
28) Bromochloromethane	7.20	49	90388	19.40	ug/l #	69
29) Tetrahydrofuran	7.22	42	144012	95.52	ug/l #	83
30) Chloroform	7.37	83	179482	20.20	ug/l	98
31) Cyclohexane	7.65	56	180030	19.96	ug/l	87
32) 1,1,1-Trichloroethane	7.57	97	146304	19.87	ug/l	96
36) 1,1-Dichloropropene	7.79	75	136254	19.80	ug/l	95
37) Ethyl Acetate	6.94	43	101294	20.04	ug/l #	94
38) Carbon Tetrachloride	7.77	117	126206	18.50	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032919\
 Data File : VN054761.D
 Acq On : 29 Mar 2019 10:53
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 30 00:07:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:26:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	150936	19.55	ug/l	87
40) Benzene	8.04	78	391583	19.48	ug/l	99
41) Methacrylonitrile	7.18	41	53570	18.52	ug/l	89
42) 1,2-Dichloroethane	8.13	62	141583	19.73	ug/l	97
43) Isopropyl Acetate	8.17	43	167046	19.96	ug/l #	93
44) Trichloroethene	8.83	130	104985	20.12	ug/l	95
45) 1,2-Dichloropropane	9.12	63	112404	19.62	ug/l	96
46) Dibromomethane	9.21	93	62587	19.42	ug/l	89
47) Bromodichloromethane	9.40	83	133423	19.92	ug/l	98
48) Methyl methacrylate	9.20	41	83498	18.41	ug/l	87
49) 1,4-Dioxane	9.20	88	18455	410.00	ug/l #	87
51) 4-Methyl-2-Pentanone	9.99	43	457165	97.16	ug/l	92
52) Toluene	10.16	92	230595	19.28	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	119017	18.89	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	149978	19.92	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	88577	19.92	ug/l	97
56) Ethyl methacrylate	10.43	69	108202	18.55	ug/l #	83
57) 1,3-Dichloropropane	10.71	76	151562	19.83	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	210781	90.77	ug/l #	88
59) 2-Hexanone	10.75	43	286030	94.96	ug/l	92
60) Dibromochloromethane	10.90	129	88489	19.65	ug/l	99
61) 1,2-Dibromoethane	11.01	107	81987	19.29	ug/l	99
64) Tetrachloroethene	10.63	164	98861	20.53	ug/l	95
65) Chlorobenzene	11.43	112	246895	20.09	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	93235	20.27	ug/l	98
67) Ethyl Benzene	11.51	91	441975	19.93	ug/l	99
68) m/p-Xylenes	11.62	106	330187	40.24	ug/l	95
69) o-Xylene	11.95	106	161758	20.10	ug/l	96
70) Styrene	11.96	104	261344	20.31	ug/l	95
71) Bromoform	12.13	173	52533	19.50	ug/l #	99
73) Isopropylbenzene	12.25	105	424762	19.40	ug/l	98
74) N-amyl acetate	12.07	43	126734	18.58	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	102870	20.30	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	122992	30.74	ug/l #	100
77) Bromobenzene	12.53	156	102533	19.41	ug/l	84
78) n-propylbenzene	12.59	91	473804	19.69	ug/l	96
79) 2-Chlorotoluene	12.67	91	289364	19.44	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	348775	19.42	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	20767	17.36	ug/l #	78
82) 4-Chlorotoluene	12.77	91	281161	19.45	ug/l	96
83) tert-Butylbenzene	12.99	119	306362	20.79	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	346125	20.23	ug/l	98
85) sec-Butylbenzene	13.17	105	384865	19.72	ug/l	98
86) p-Isopropyltoluene	13.29	119	338929	19.69	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	171352	19.37	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	167339	19.29	ug/l	97
89) n-Butylbenzene	13.61	91	269749	19.21	ug/l	96
90) Hexachloroethane	13.87	117	53586	18.34	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	172197	19.29	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14484	19.35	ug/l	85

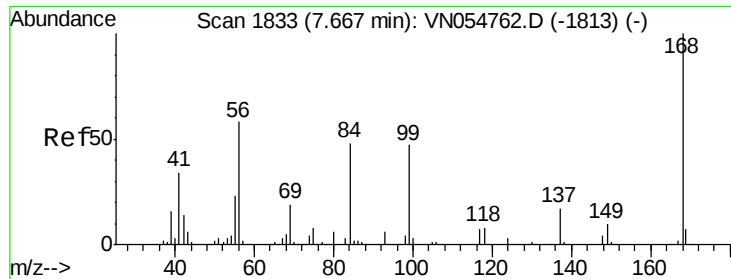
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032919\
Data File : VN054761.D
Acq On : 29 Mar 2019 10:53
Operator : JC/SP
Sample : VSTDICC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Mar 30 00:07:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 29 13:26:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	75953	17.65	ug/l	98
94) Hexachlorobutadiene	15.01	225	55133	20.39	ug/l	100
95) Naphthalene	15.13	128	167839	17.39	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	80386	18.49	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

Instrument :

MSVOA_N

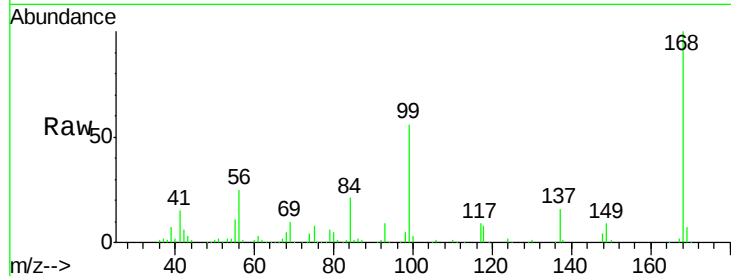
ClientSampled :

Tot Ion:168 Resp: 456188

Ion Ratio Lower Upper

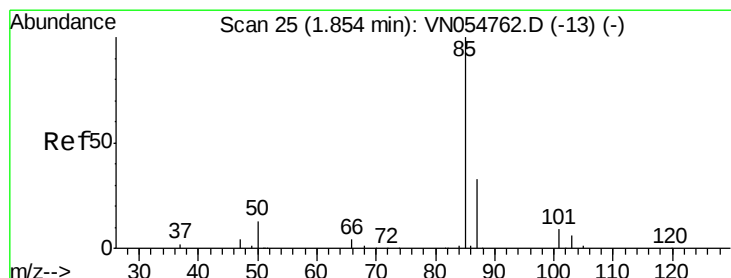
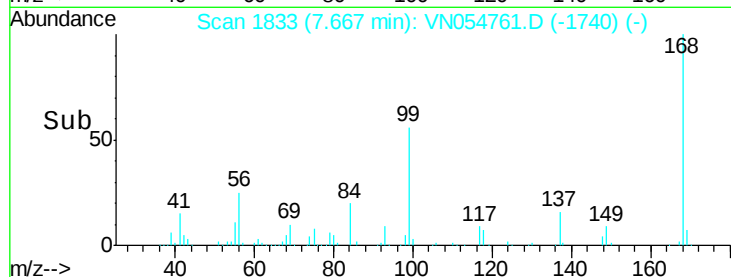
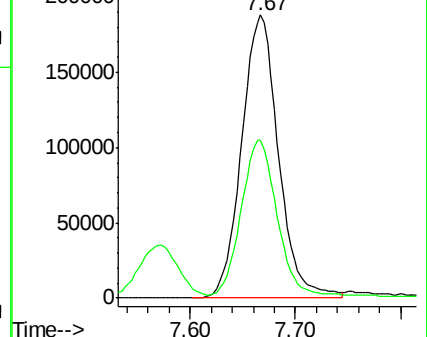
168 100

99 54.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 19.53 ug/l

RT: 1.85 min Scan# 25

Delta R.T. -0.00 min

Lab File: VN054761.D

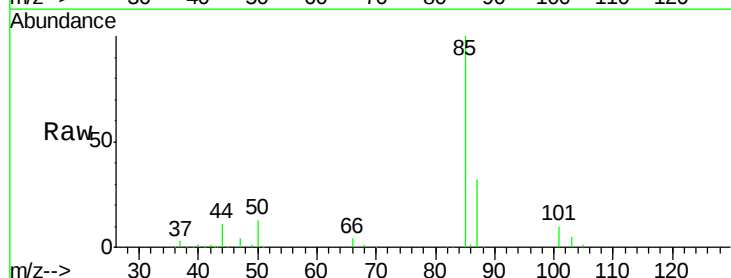
Acq: 29 Mar 2019 10:53

Tgt Ion: 85 Resp: 90119

Ion Ratio Lower Upper

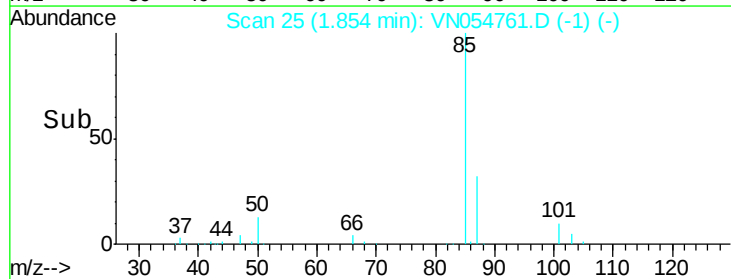
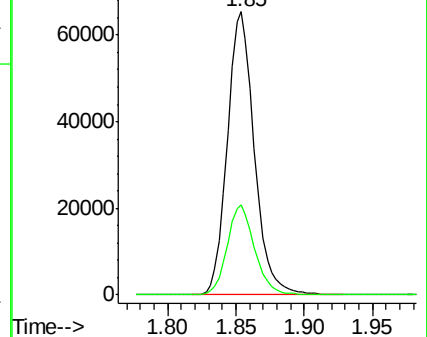
85 100

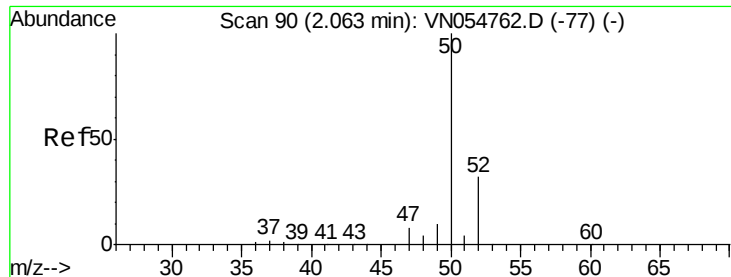
87 31.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 19.31 ug/l

RT: 2.06 min Scan# 90

Delta R.T. -0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

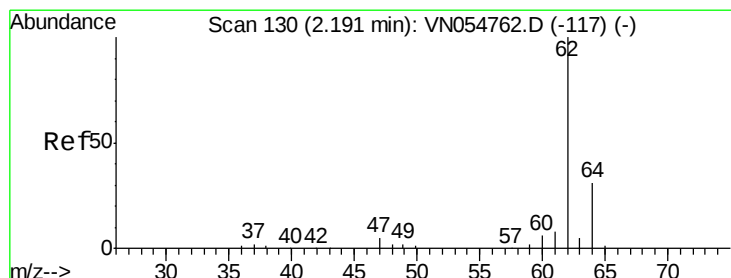
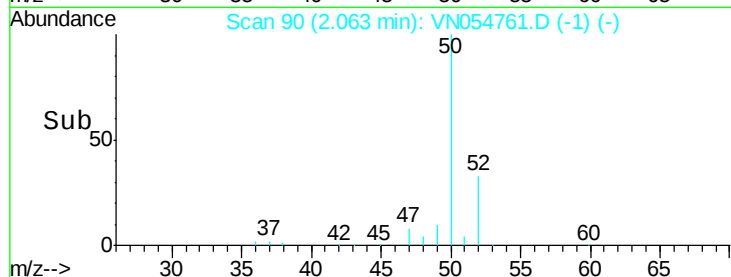
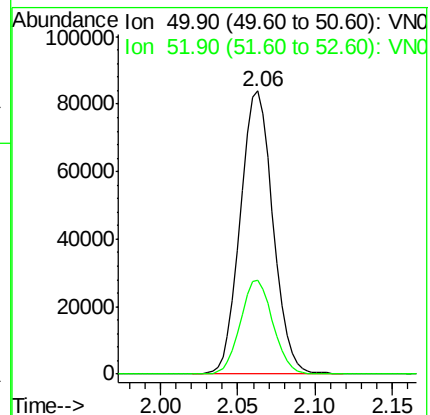
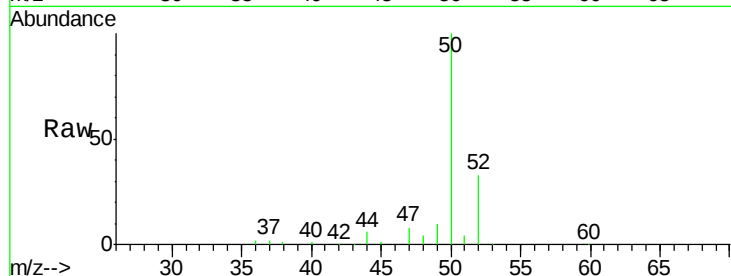
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 50 Resp: 123180

Ion Ratio Lower Upper

50 100

52 33.2 26.4 39.6



#4

Vinyl Chloride

Concen: 19.72 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN054761.D

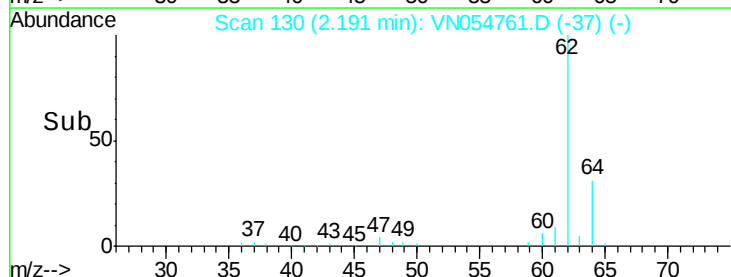
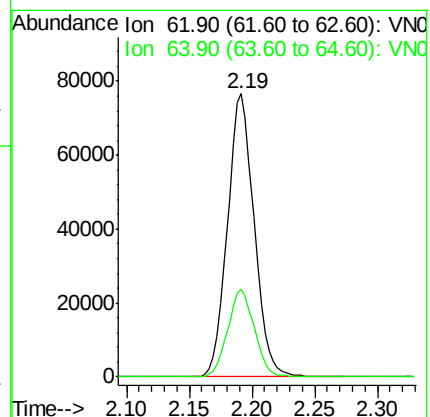
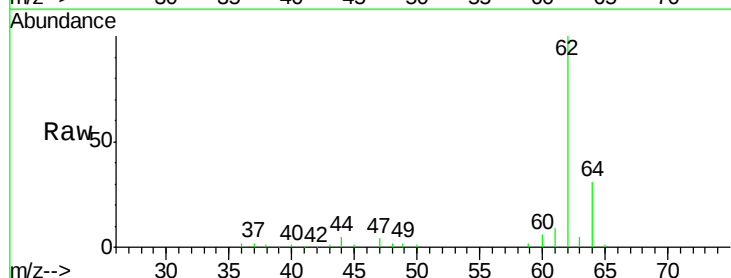
Acq: 29 Mar 2019 10:53

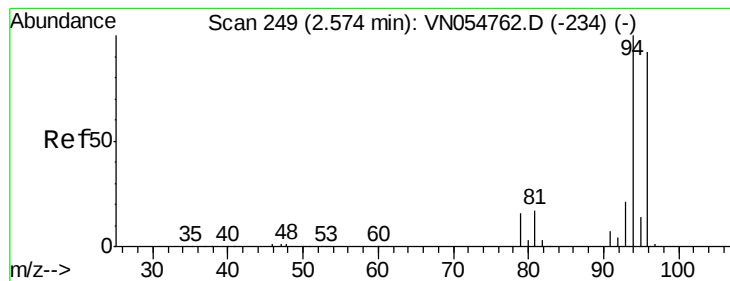
Tgt Ion: 62 Resp: 113014

Ion Ratio Lower Upper

62 100

64 31.0 25.5 38.3





#5

Bromomethane

Concen: 20.43 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

Instrument :

MSVOA_N

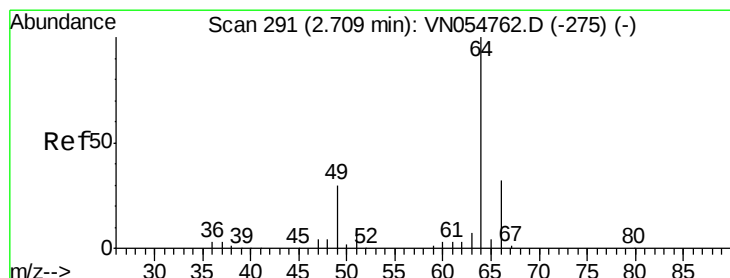
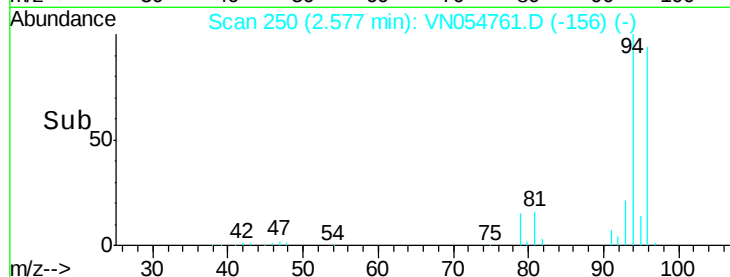
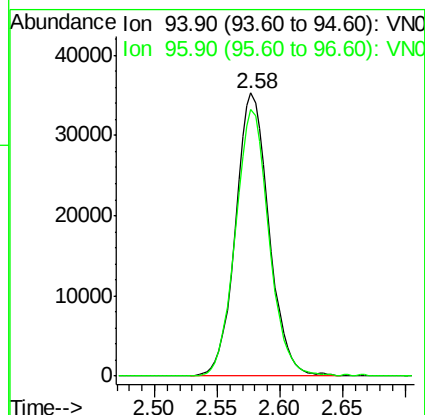
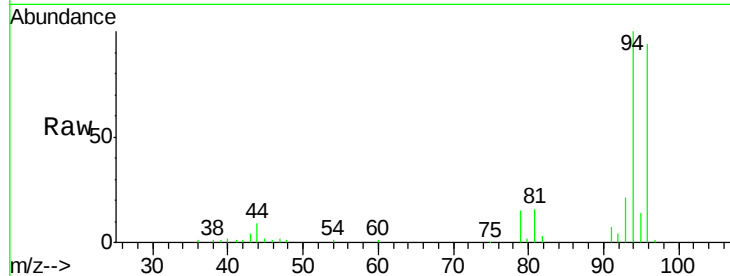
ClientSampleId :

Tot Ion: 94 Resp: 65355

Ion Ratio Lower Upper

94 100

96 94.0 77.0 115.4



#6

Chloroethane

Concen: 19.74 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN054761.D

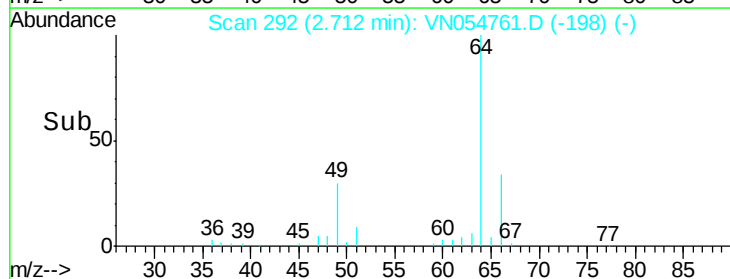
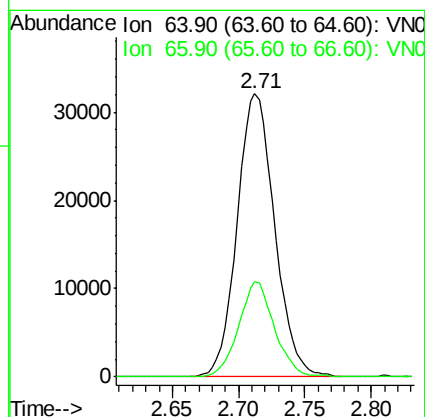
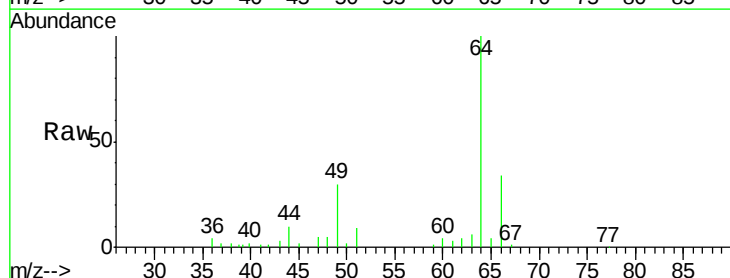
Acq: 29 Mar 2019 10:53

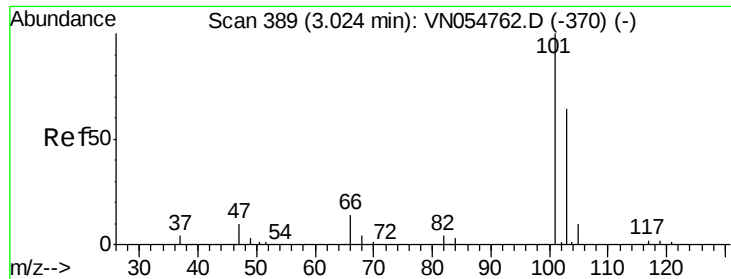
Tgt Ion: 64 Resp: 63144

Ion Ratio Lower Upper

64 100

66 33.8 25.7 38.5





#7

Trichlorofluoromethane

Concen: 19.79 ug/l

RT: 3.03 min Scan# 390

Delta R.T. 0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

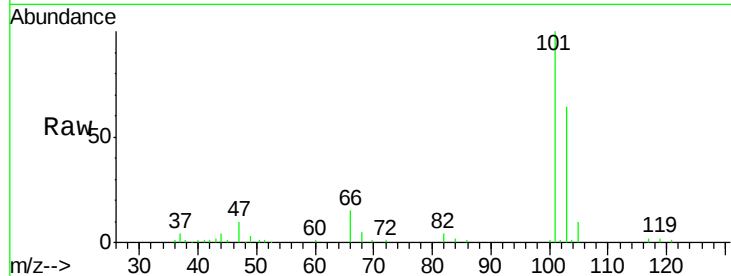
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:101 Resp: 139374

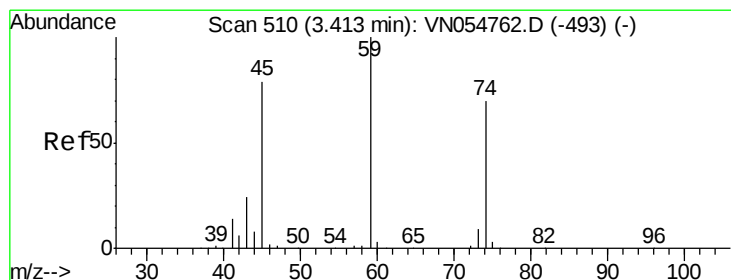
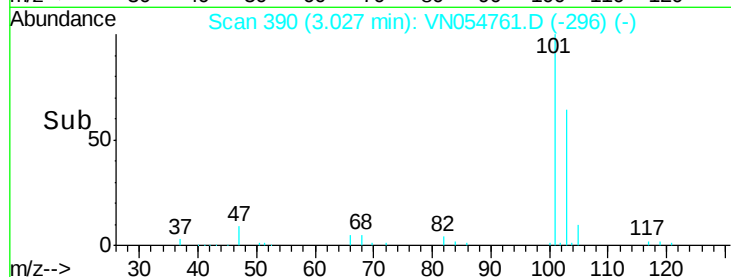
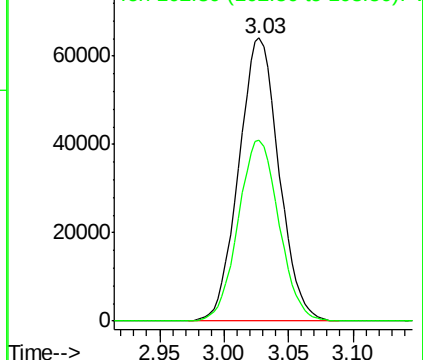
Ion Ratio Lower Upper

101 100

103 64.0 51.4 77.2



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.97 ug/l

RT: 3.41 min Scan# 510

Delta R.T. -0.00 min

Lab File: VN054761.D

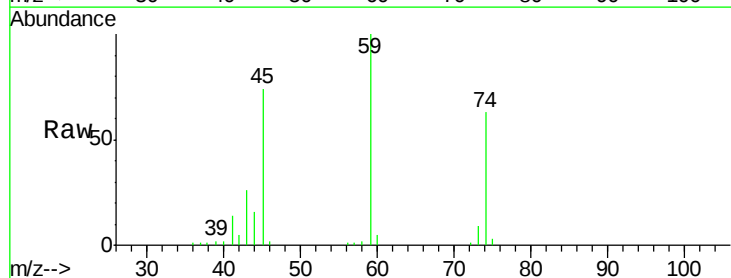
Acq: 29 Mar 2019 10:53

Tgt Ion: 74 Resp: 45287

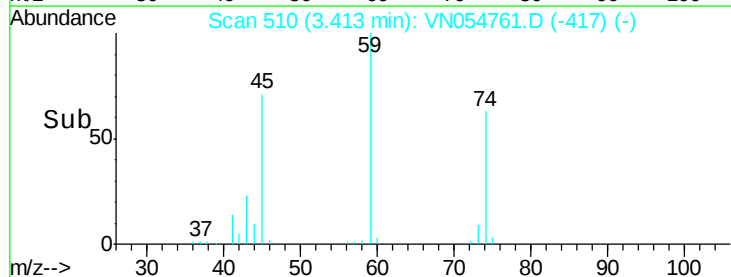
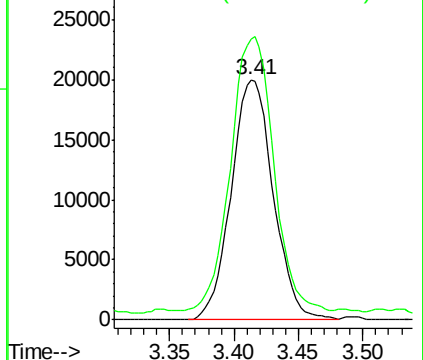
Ion Ratio Lower Upper

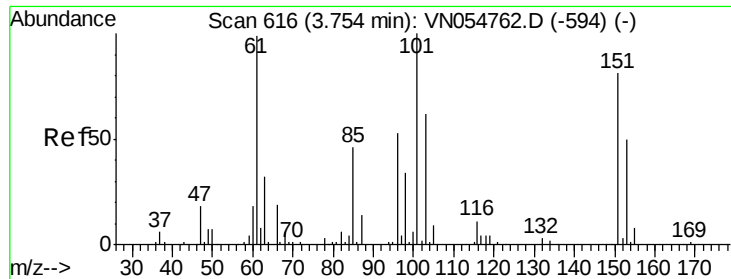
74 100

45 116.3 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.35 ug/l

RT: 3.76 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

Instrument :

MSVOA_N

ClientSampled :

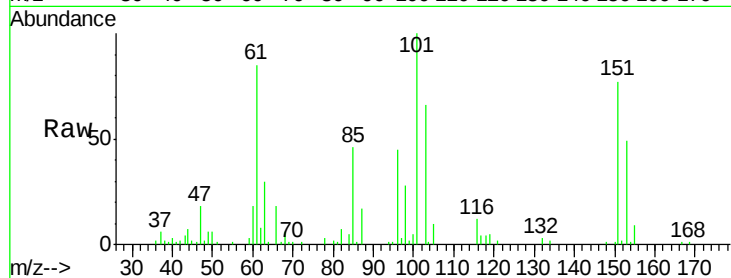
Tot Ion:101 Resp: 74330

Ion Ratio Lower Upper

101 100

85 45.5 32.4 48.6

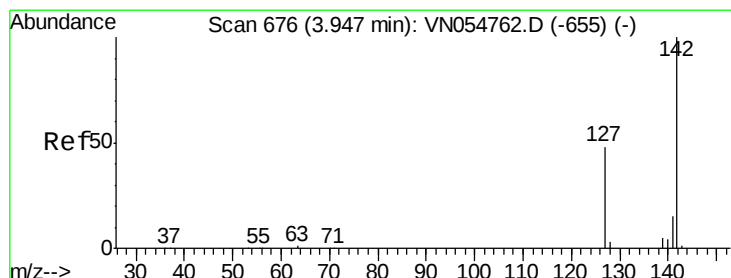
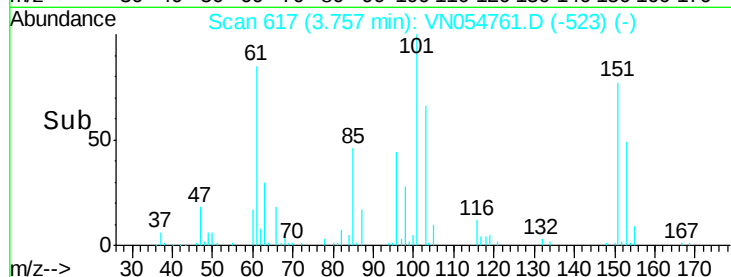
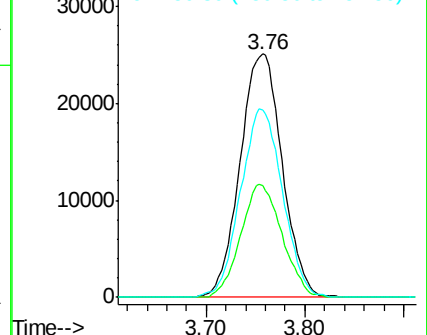
151 77.3 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.55 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

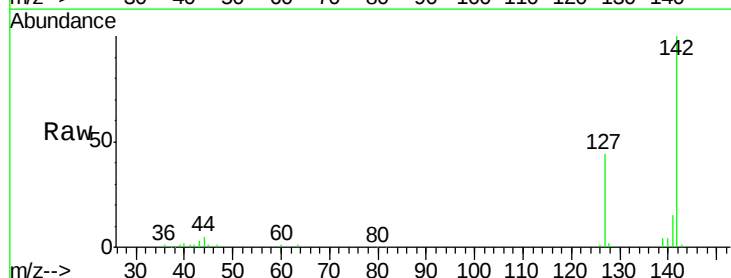
Tgt Ion:142 Resp: 104322

Ion Ratio Lower Upper

142 100

127 46.3 30.3 45.5#

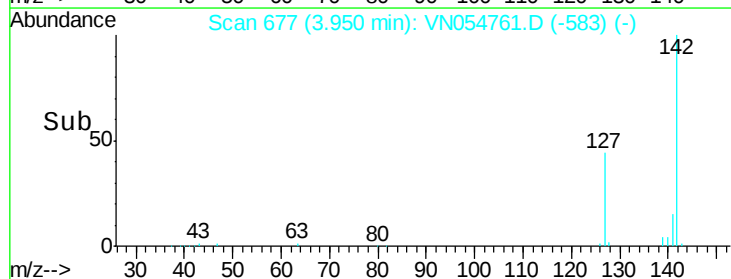
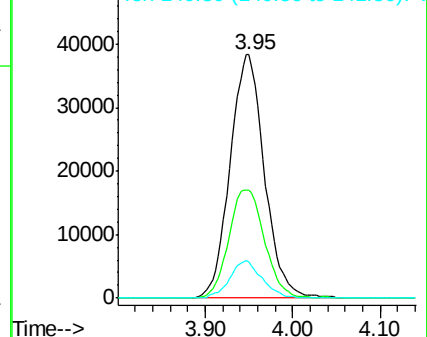
141 14.4 11.2 16.8

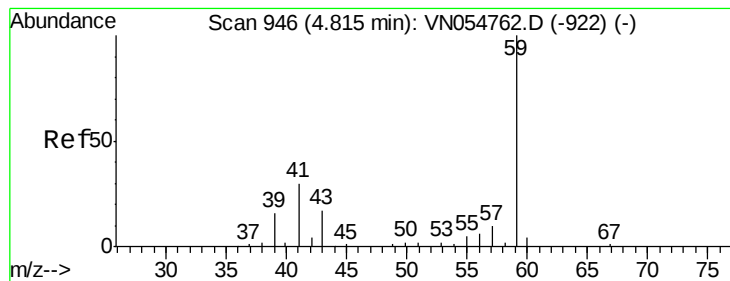


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 91.37 ug/l

RT: 4.81 min Scan# 944

Delta R.T. -0.01 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

Instrument :

MSVOA_N

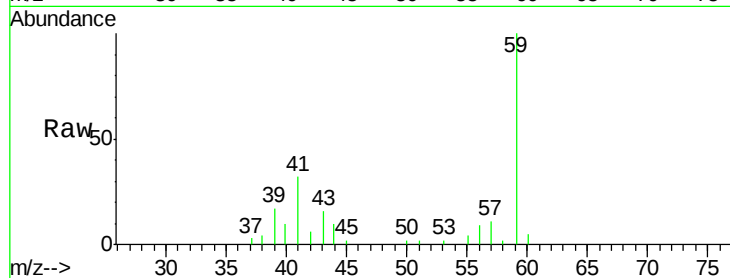
ClientSampleId :

Tot Ion: 59 Resp: 29568

Ion Ratio Lower Upper

59 100

57 11.7 9.0 13.6



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.81

8000

6000

4000

2000

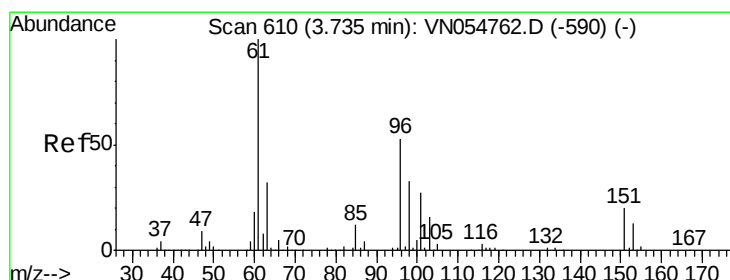
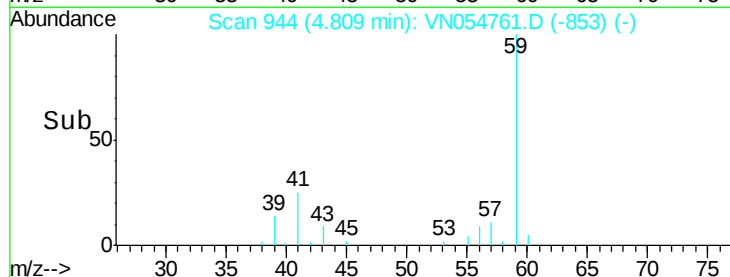
0

Time-->

4.70

4.80

4.90



#12

1,1-Dichloroethene

Concen: 20.28 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

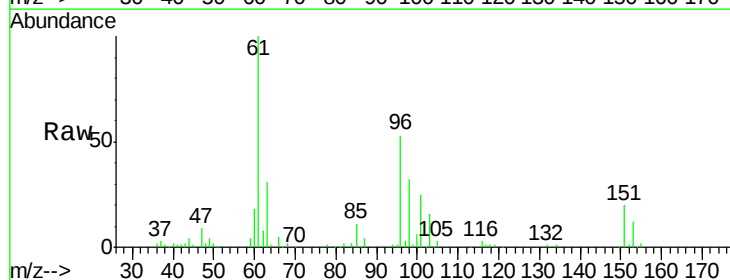
Tgt Ion: 96 Resp: 72709

Ion Ratio Lower Upper

96 100

61 187.3 116.5 174.7#

98 60.5 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

60000

40000

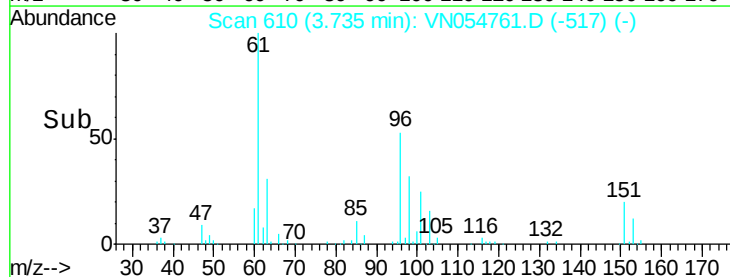
20000

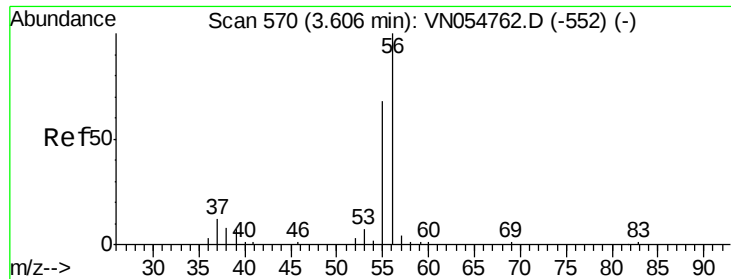
0

Time-->

3.70

3.80





#13

Acrolein

Concen: 98.34 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

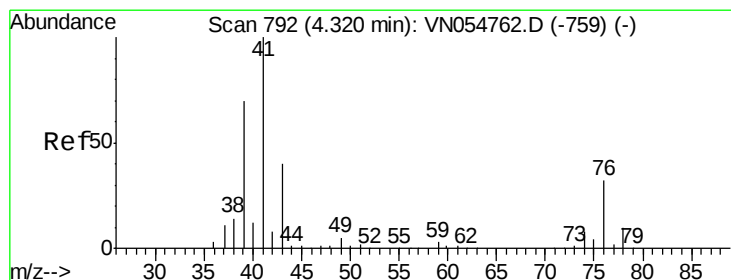
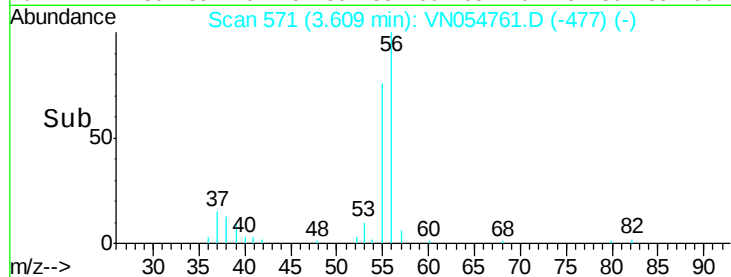
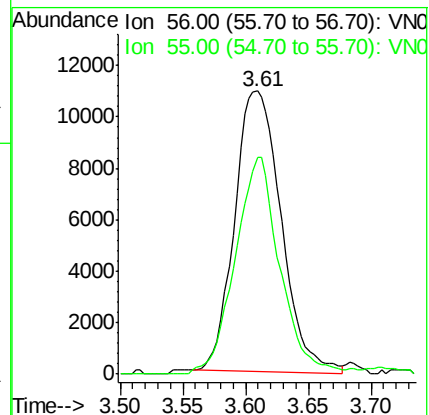
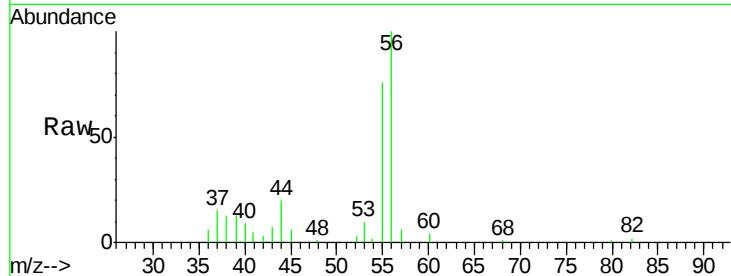
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 28169

Ion Ratio Lower Upper

56 100

55 73.8 56.7 85.1



#14

Allyl chloride

Concen: 19.30 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

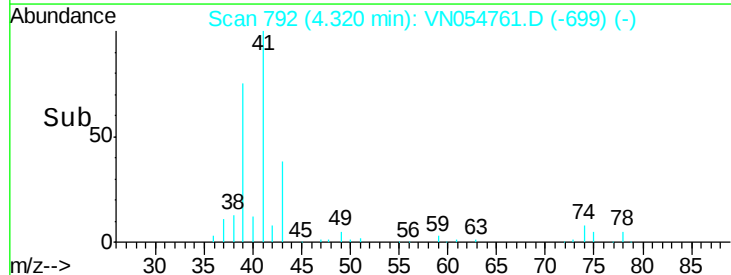
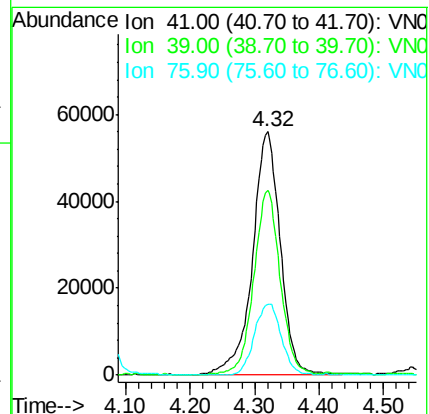
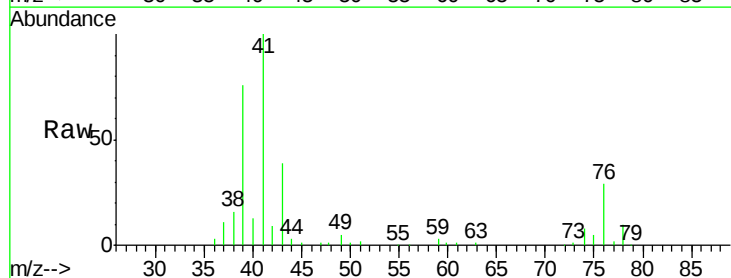
Tgt Ion: 41 Resp: 168866

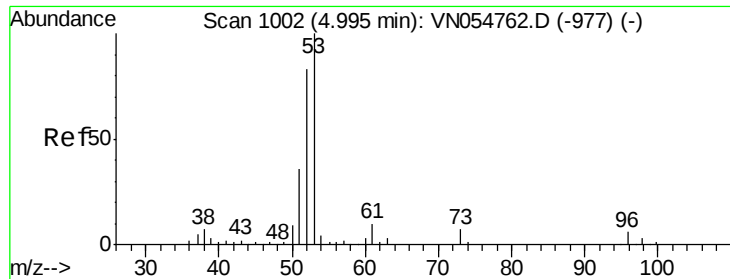
Ion Ratio Lower Upper

41 100

39 72.0 58.2 87.4

76 28.2 31.7 47.5#

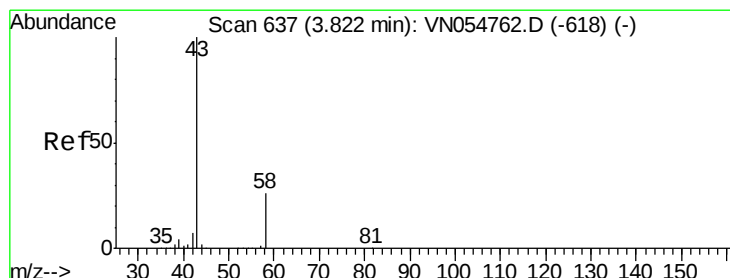
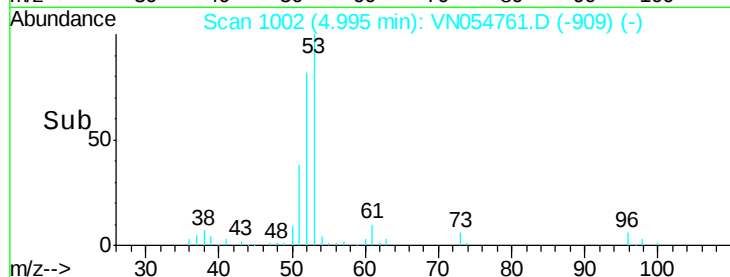
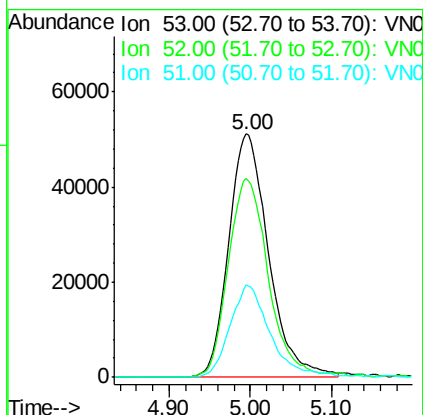
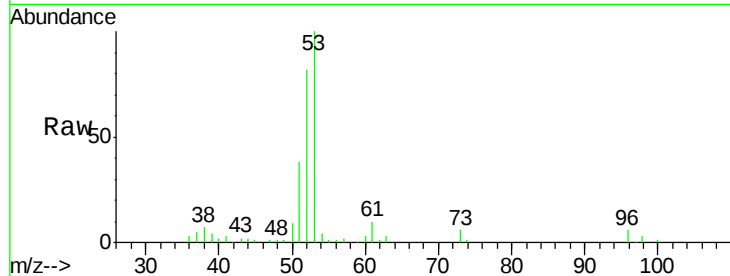




#15
 Acrylonitrile
 Concen: 97.80 ug/l
 RT: 5.00 min Scan# 1002
 Delta R.T. -0.00 min
 Lab File: VN054761.D
 Acq: 29 Mar 2019 10:53

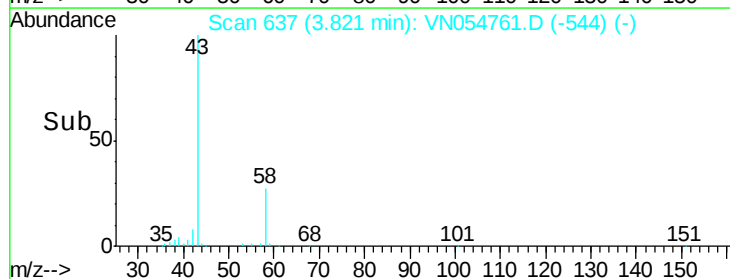
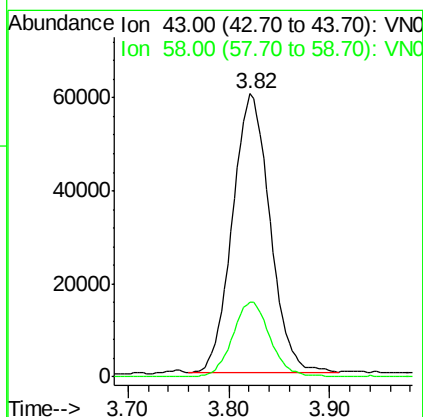
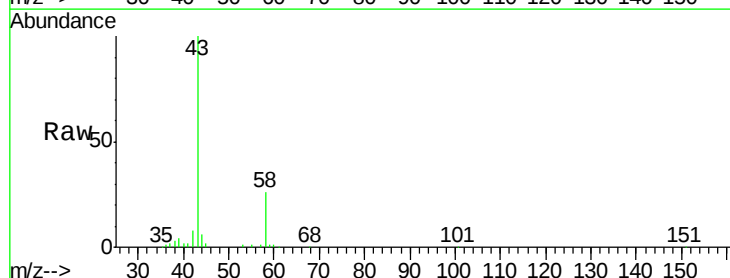
Instrument :
 MSVOA_N
 ClientSampleId :

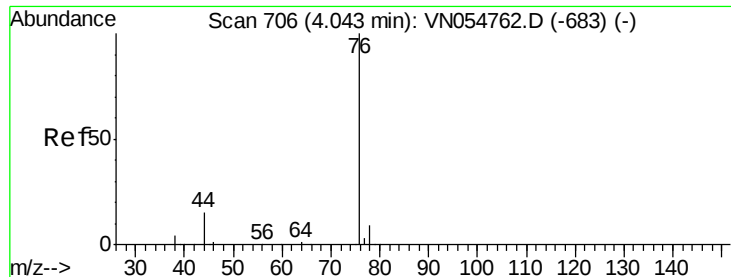
Tot Ion: 53 Resp: 174168
 Ion Ratio Lower Upper
 53 100
 52 81.6 66.4 99.6
 51 38.2 29.6 44.4



#16
 Acetone
 Concen: 105.45 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: VN054761.D
 Acq: 29 Mar 2019 10:53

Tgt Ion: 43 Resp: 154638
 Ion Ratio Lower Upper
 43 100
 58 26.9 29.9 44.9#

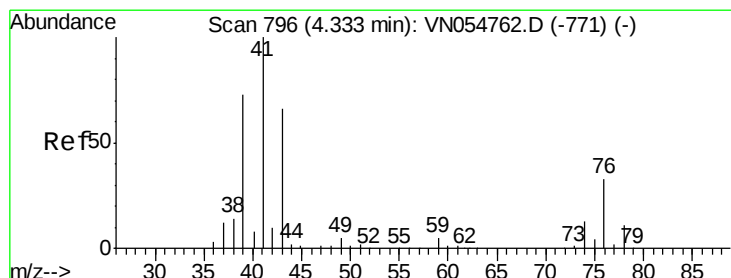
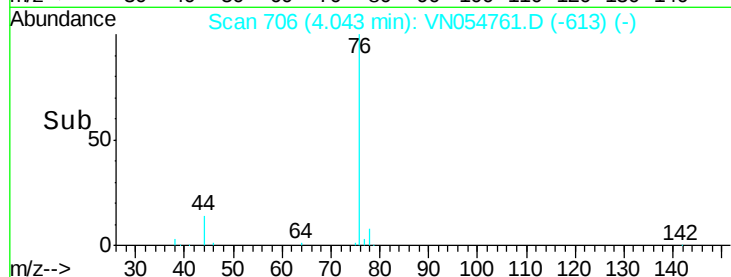
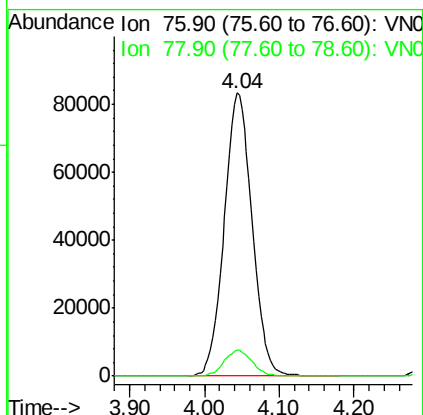
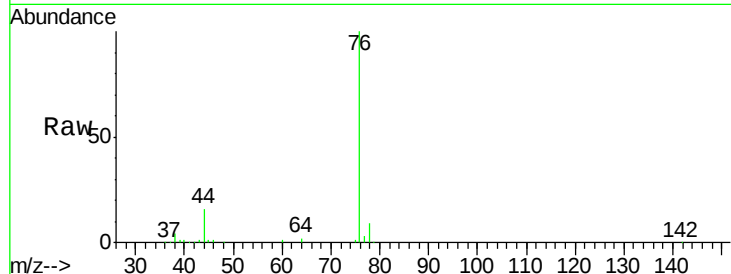




#17
Carbon Disulfide
Concen: 18.47 ug/l
RT: 4.04 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN054761.D
Acq: 29 Mar 2019 10:53

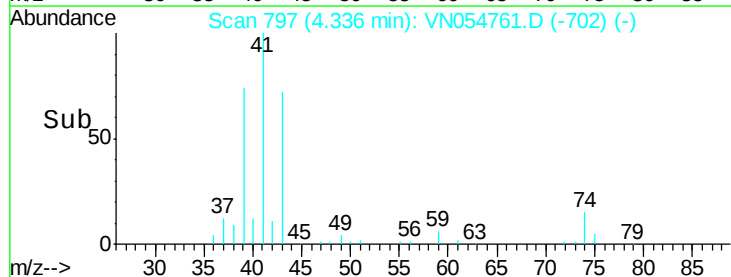
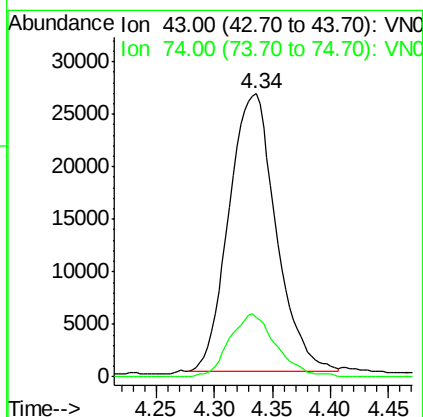
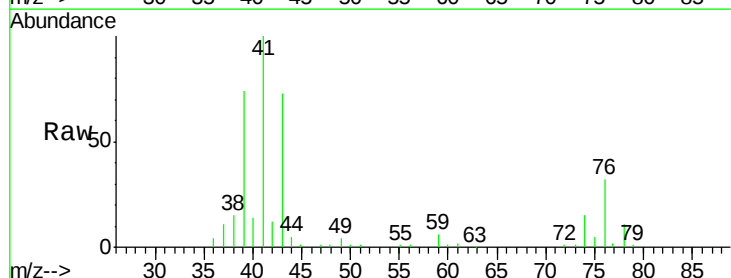
Instrument :
MSVOA_N
ClientSampleId :

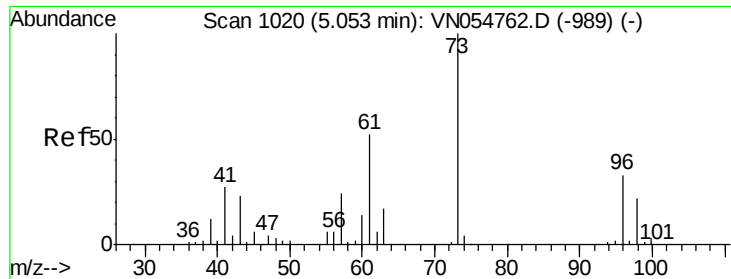
Tot Ion: 76 Resp: 214853
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 19.05 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.00 min
Lab File: VN054761.D
Acq: 29 Mar 2019 10:53

Tgt Ion: 43 Resp: 74940
Ion Ratio Lower Upper
43 100
74 22.1 20.8 31.2

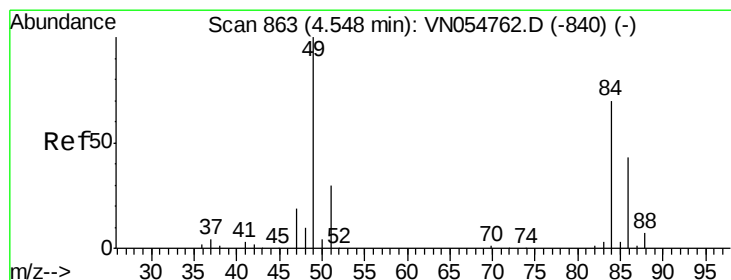
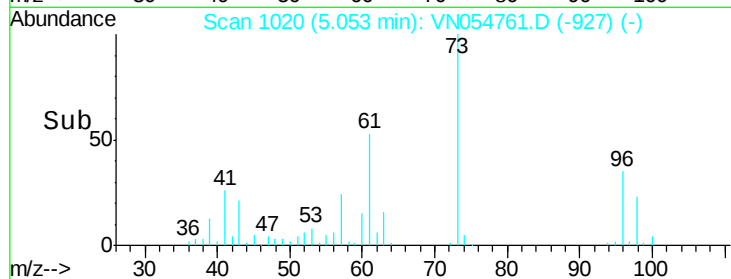
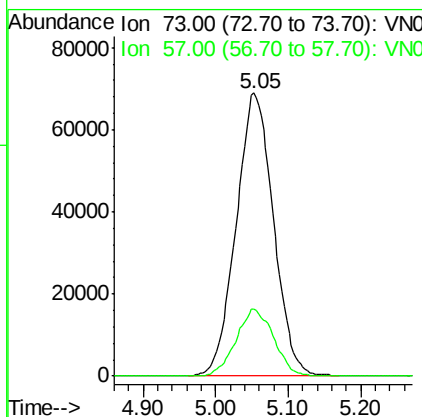
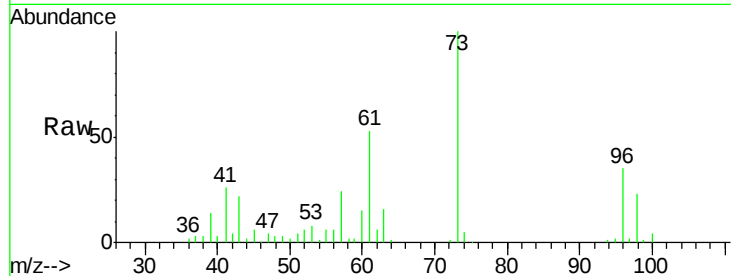




#19
Methvl tert-butvl Ether
Concen: 19.67 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VN054761.D
Acq: 29 Mar 2019 10:53

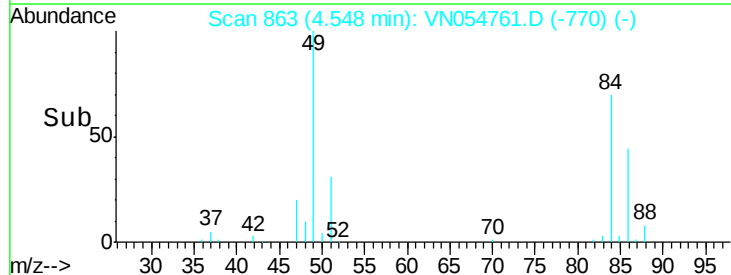
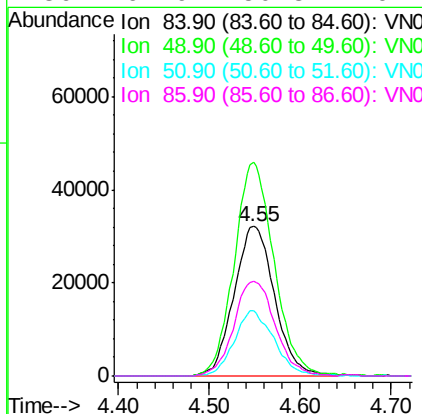
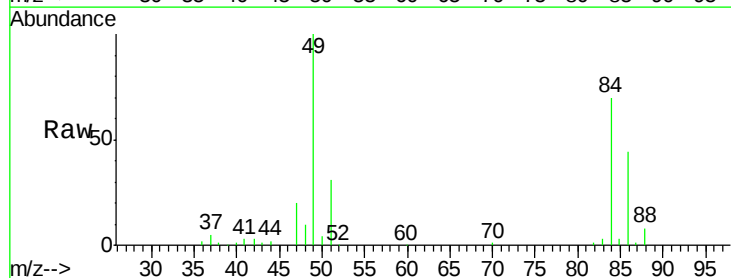
Instrument :
MSVOA_N
ClientSampled :

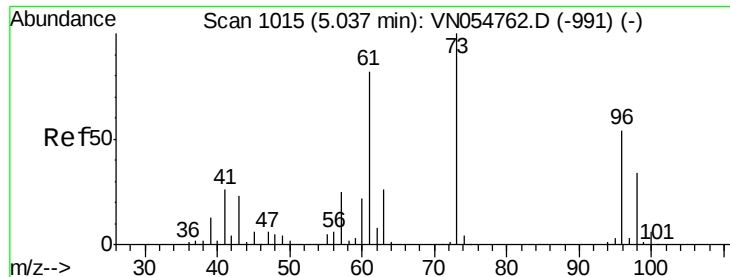
Tot Ion: 73 Resp: 246761
Ion Ratio Lower Upper
73 100
57 23.8 16.8 25.2



#20
Methylene Chloride
Concen: 19.22 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN054761.D
Acq: 29 Mar 2019 10:53

Tgt Ion: 84 Resp: 99433
Ion Ratio Lower Upper
84 100
49 142.8 89.7 134.5#
51 43.9 28.2 42.4#
86 62.9 50.8 76.2



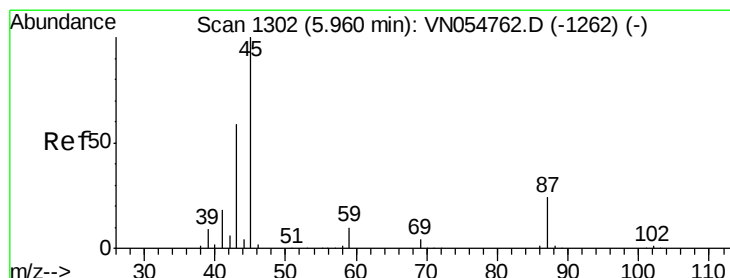
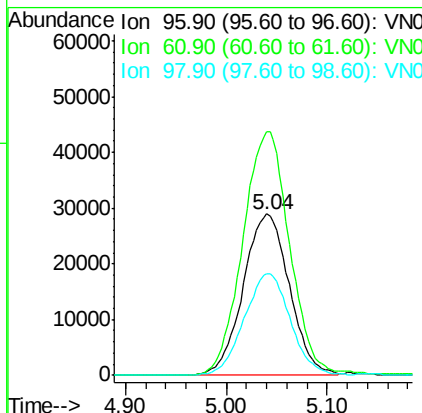
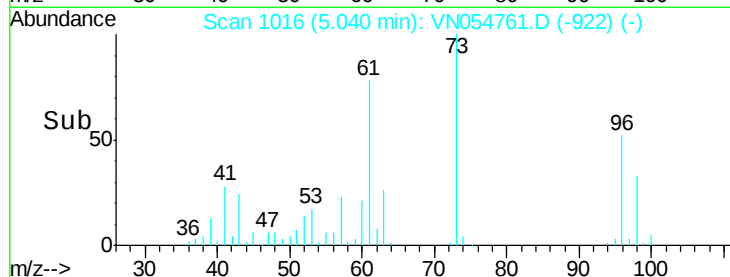
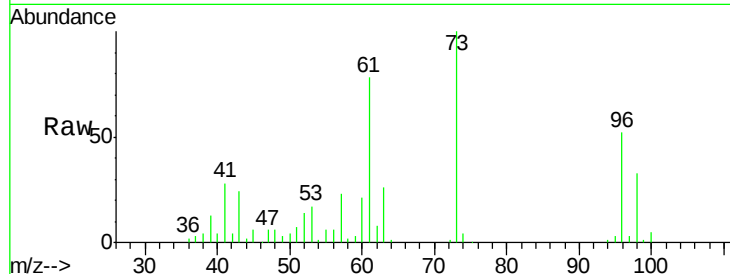


#21

trans-1,2-Dichloroethene
Concen: 19.52 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN054761.D
Acq: 29 Mar 2019 10:53

Instrument :
MSVOA_N
ClientSampled :

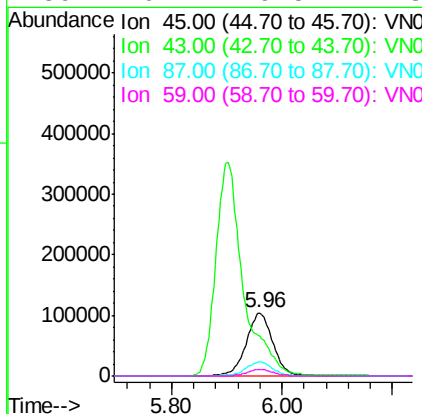
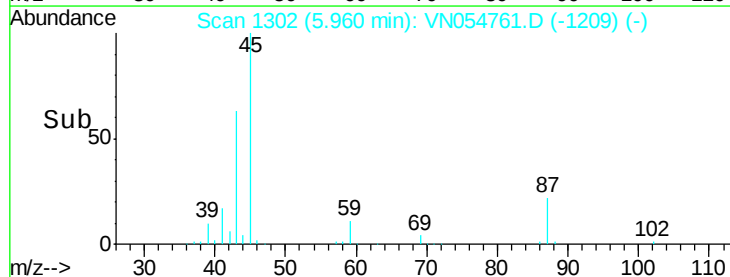
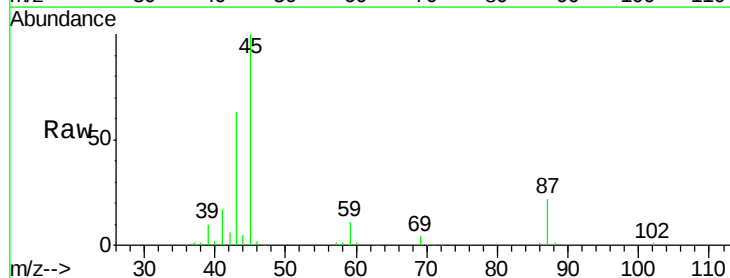
Tot Ion: 96 Resp: 91950
Ion Ratio Lower Upper
96 100
61 151.0 102.8 154.2
98 63.2 50.0 75.0

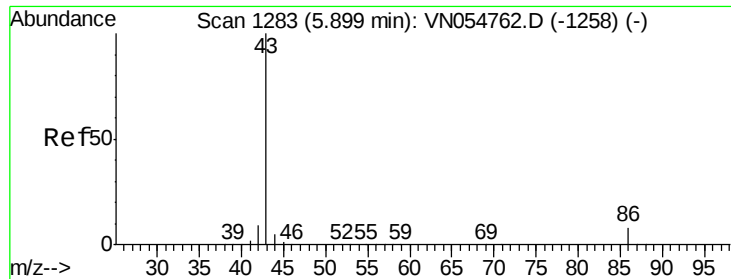


#22

Diisopropyl ether
Concen: 20.08 ug/l
RT: 5.96 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VN054761.D
Acq: 29 Mar 2019 10:53

Tgt Ion: 45 Resp: 350736
Ion Ratio Lower Upper
45 100
43 62.7 48.2 72.2
87 21.7 24.9 37.3#
59 10.7 9.5 14.3





#23

Vinyl Acetate

Concen: 102.42 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

Instrument :

MSVOA_N

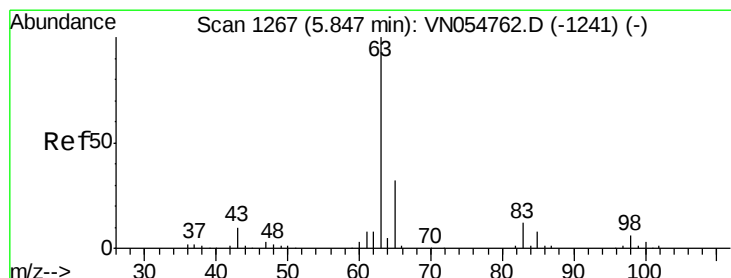
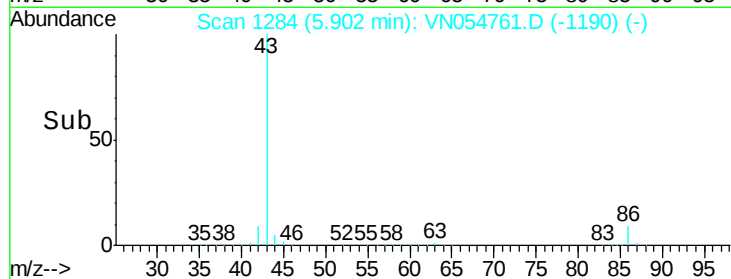
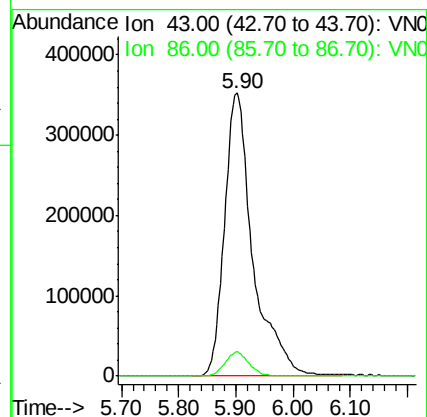
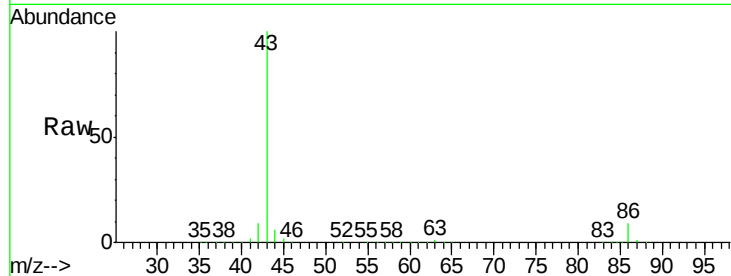
ClientSampled :

Tot Ion: 43 Resp: 1215785

Ion Ratio Lower Upper

43 100

86 8.6 9.1 13.7#



#24

1,1-Dichloroethane

Concen: 20.08 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

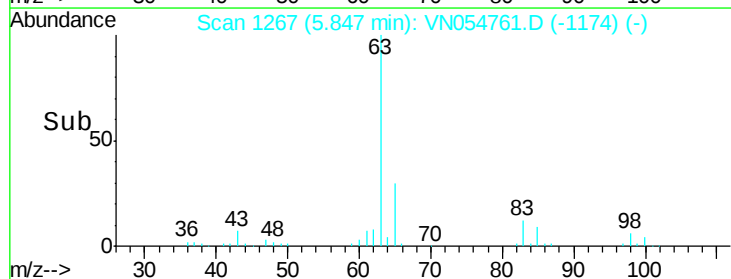
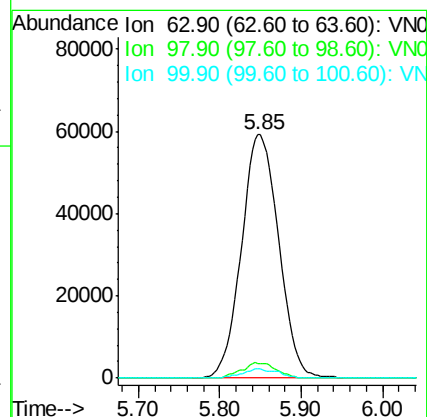
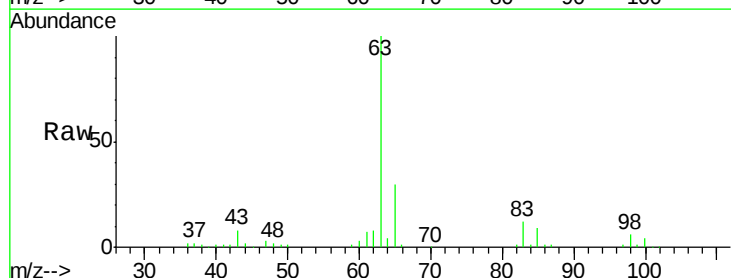
Tgt Ion: 63 Resp: 187153

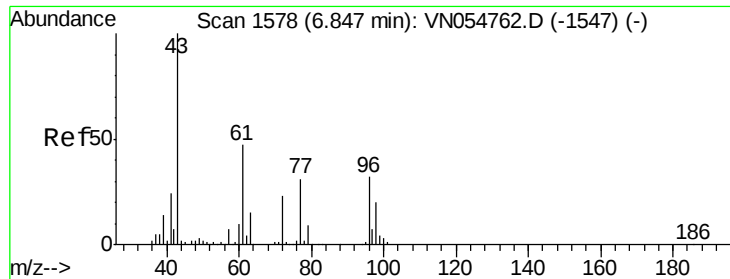
Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.5

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 102.89 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

Instrument :

MSVOA_N

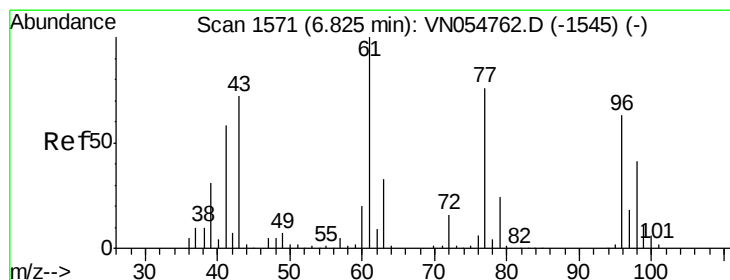
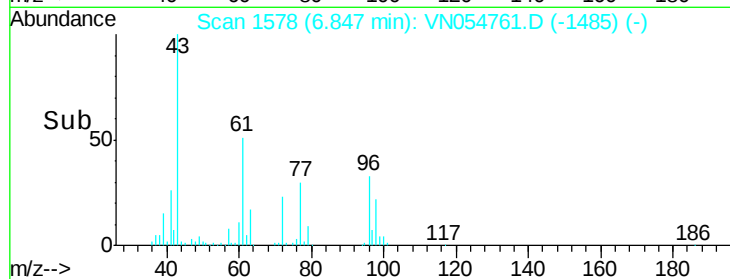
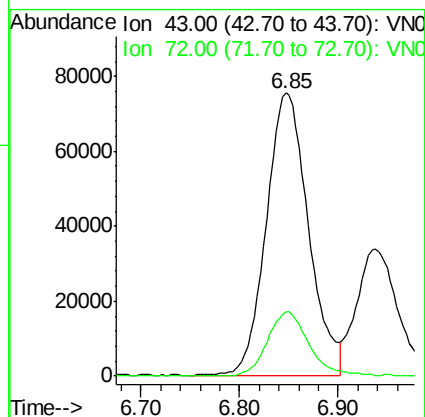
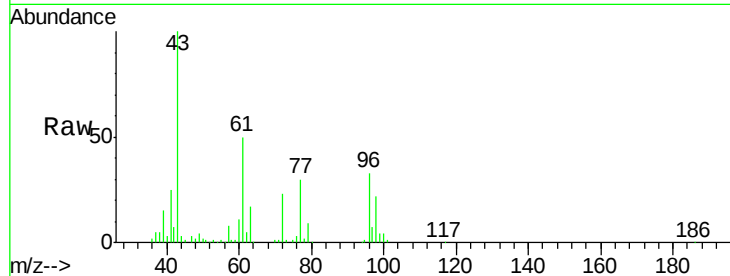
ClientSampleId :

Tot Ion: 43 Resp: 223028

Ion Ratio Lower Upper

43 100

72 22.9 23.0 34.6#



#26

2,2-Dichloropropane

Concen: 19.51 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN054761.D

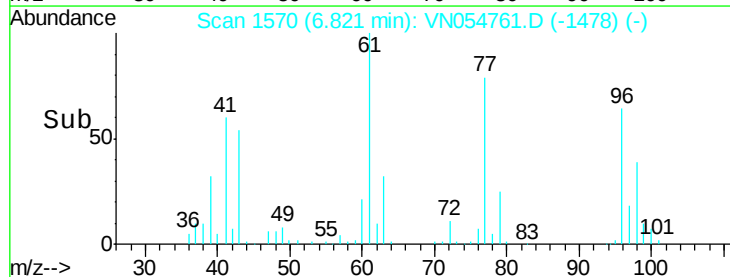
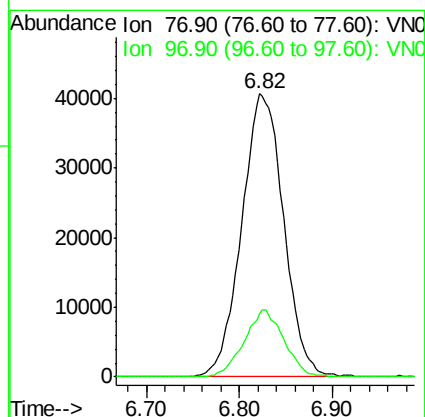
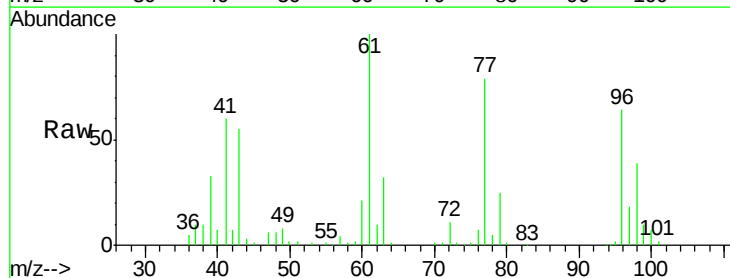
Acq: 29 Mar 2019 10:53

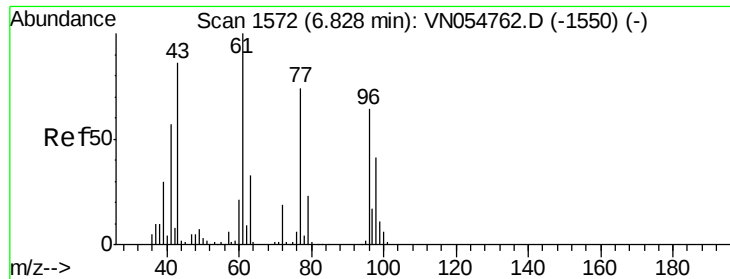
Tgt Ion: 77 Resp: 127420

Ion Ratio Lower Upper

77 100

97 22.5 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 19.86 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

Instrument :
MSVOA_N
ClientSampled :

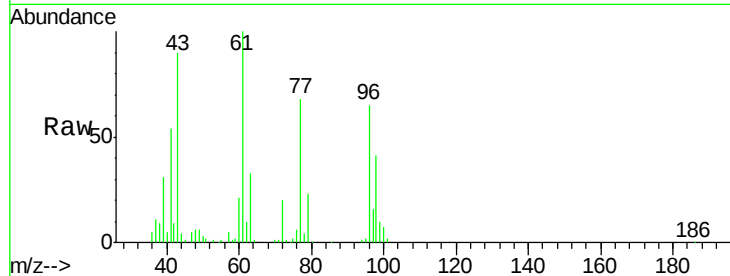
Tot Ion: 96 Resp: 105674

Ion Ratio Lower Upper

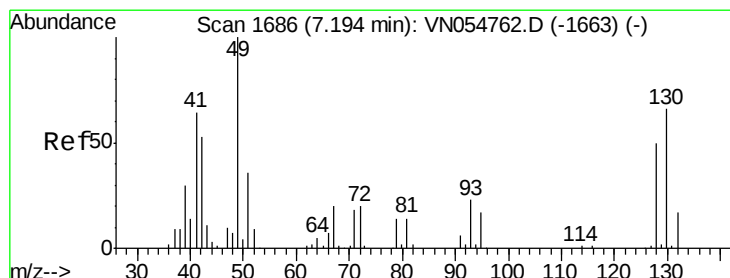
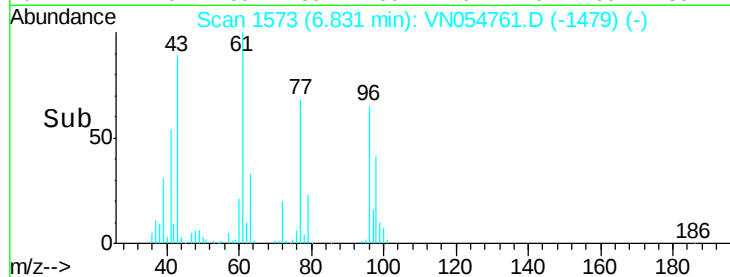
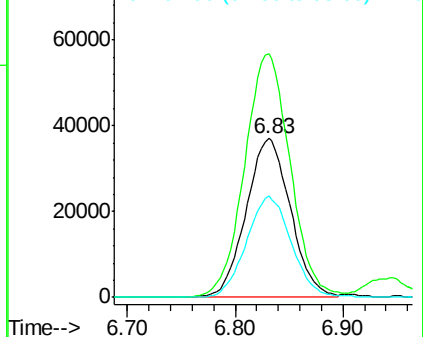
96 100

61 157.2 0.0 273.0

98 64.4 0.0 130.6



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



#28

Bromochloromethane

Concen: 19.40 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

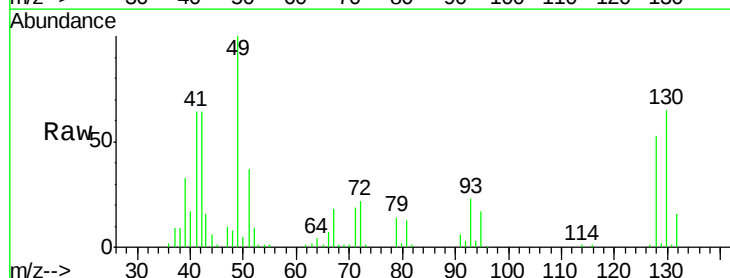
Tgt Ion: 49 Resp: 90388

Ion Ratio Lower Upper

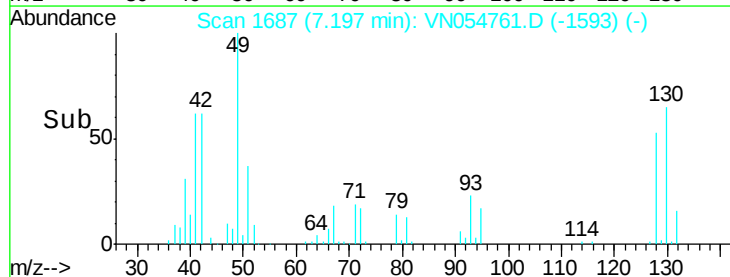
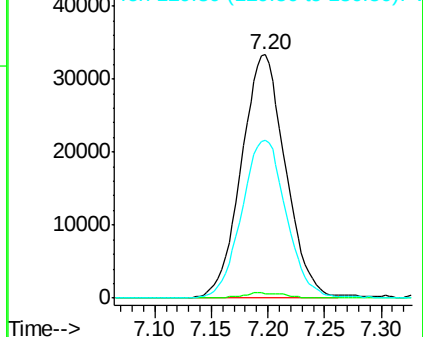
49 100

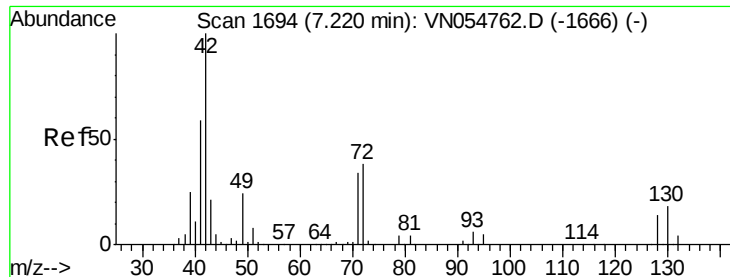
129 1.9 0.0 4.6

130 65.4 76.7 115.1#



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

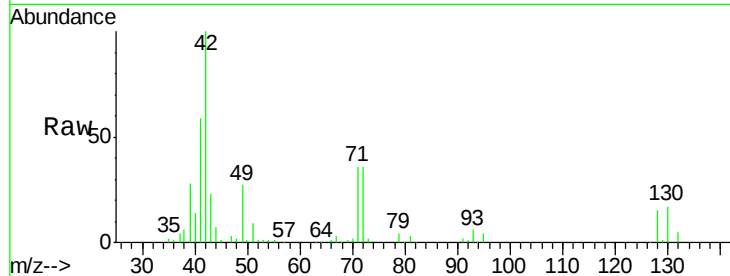




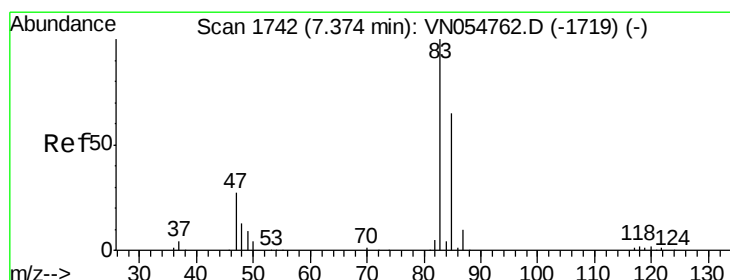
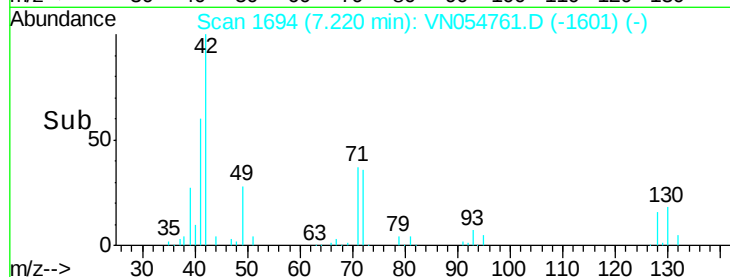
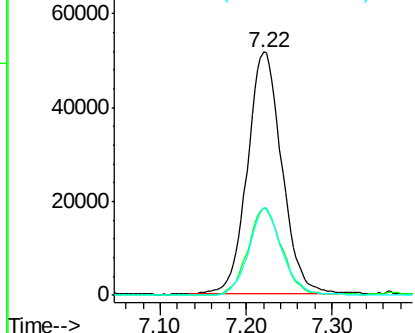
#29
Tetrahydrofuran
Concen: 95.52 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. -0.00 min
Lab File: VN054761.D
Acq: 29 Mar 2019 10:53

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 144012
Ion Ratio Lower Upper
42 100
72 35.8 37.8 56.6#
71 34.5 36.2 54.2#

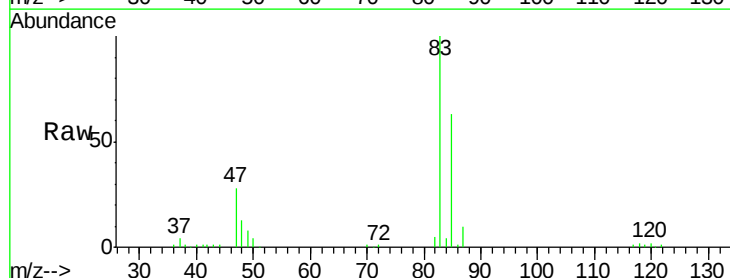


Abundance Ion 42.00 (41.70 to 42.70): VNC
Ion 72.00 (71.70 to 72.70): VNC
Ion 71.00 (70.70 to 71.70): VNC

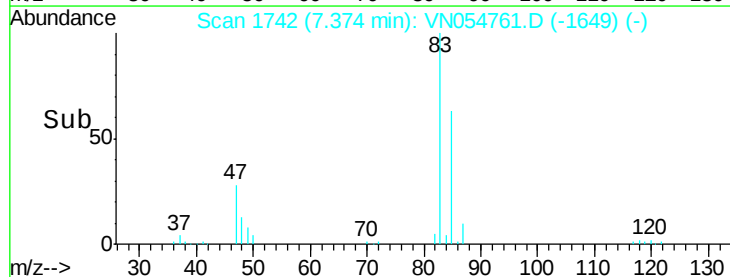
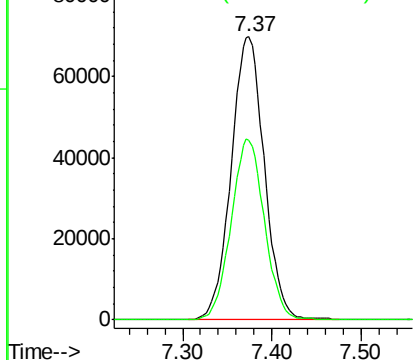


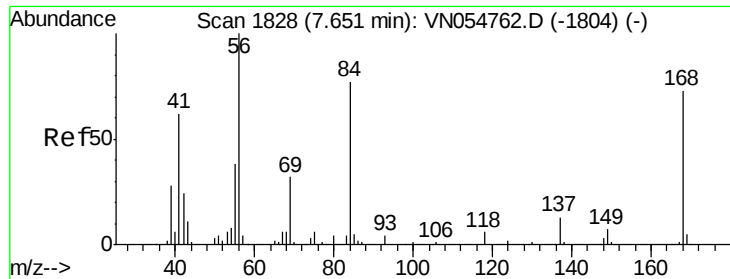
#30
Chloroform
Concen: 20.20 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN054761.D
Acq: 29 Mar 2019 10:53

Tgt Ion: 83 Resp: 179482
Ion Ratio Lower Upper
83 100
85 63.5 52.2 78.4



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

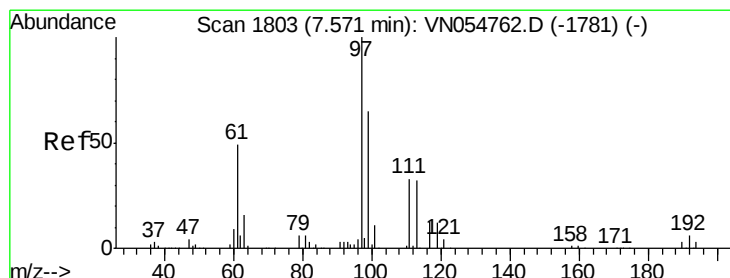
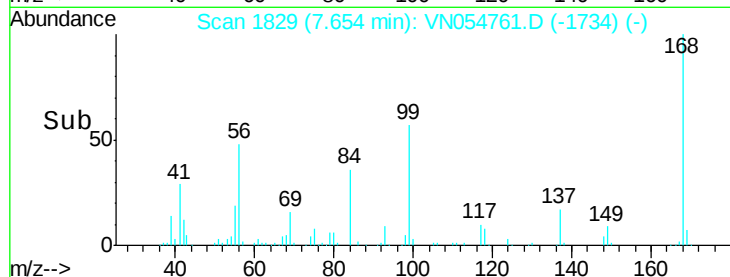
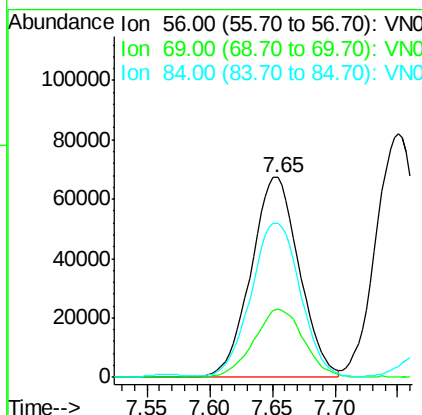
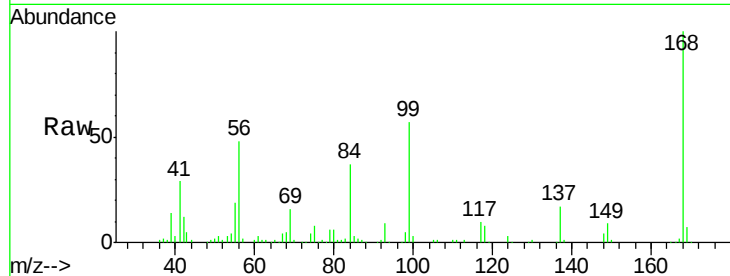




#31
Cyclohexane
Concen: 19.96 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN054761.D
Acq: 29 Mar 2019 10:53

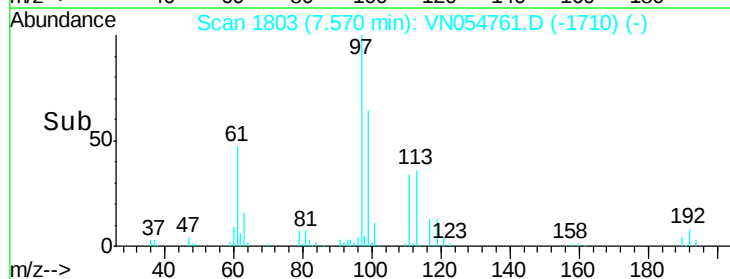
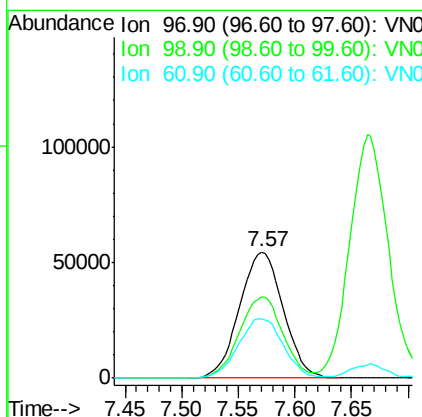
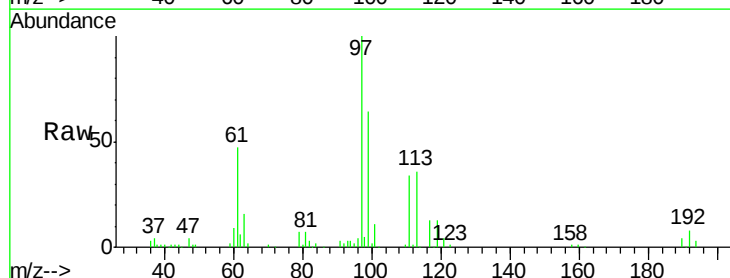
Instrument :
MSVOA_N
ClientSampled :

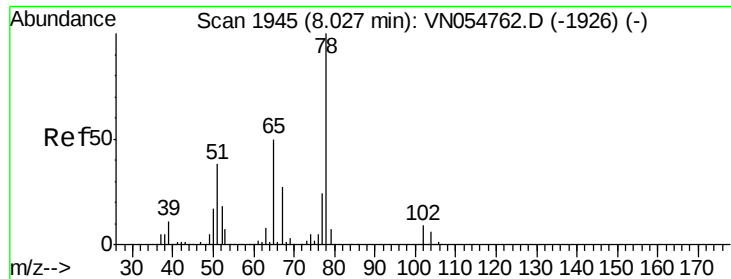
Tot Ion: 56 Resp: 180030
Ion Ratio Lower Upper
56 100
69 34.3 27.8 41.6
84 76.2 74.6 111.8



#32
1,1,1-Trichloroethane
Concen: 19.87 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN054761.D
Acq: 29 Mar 2019 10:53

Tgt Ion: 97 Resp: 146304
Ion Ratio Lower Upper
97 100
99 64.3 51.5 77.3
61 48.5 33.6 50.4

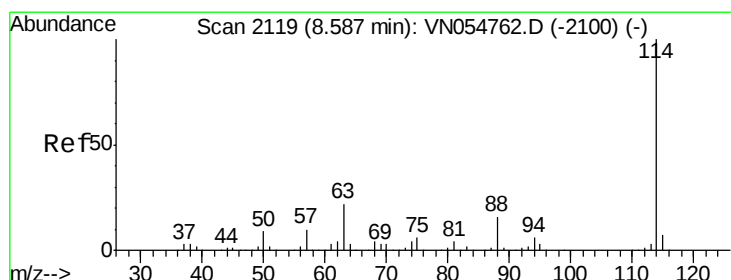
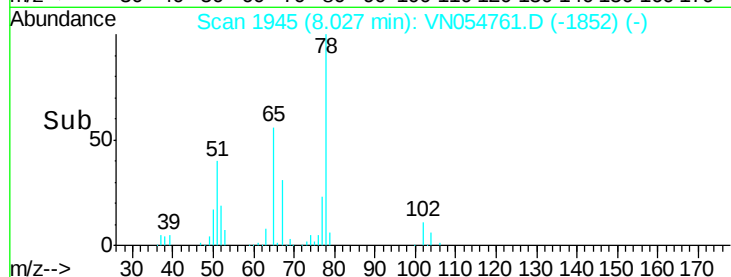
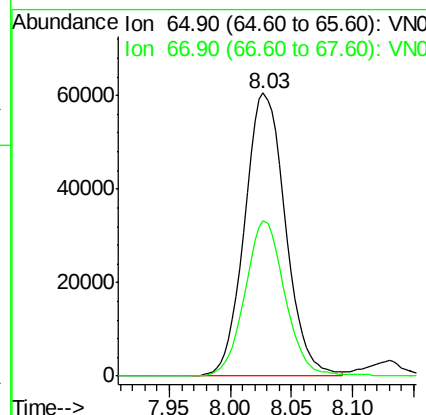
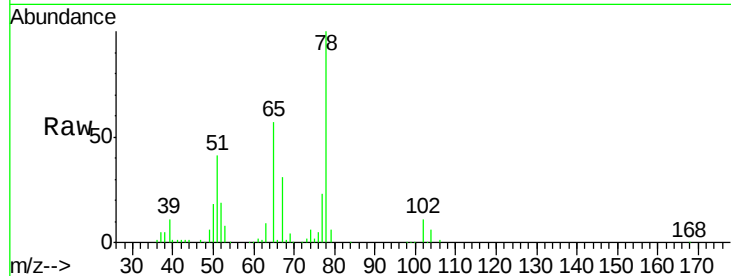




#33
 1,2-Dichloroethane-d4
 Concen: 22.82 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054761.D
 Acq: 29 Mar 2019 10:53

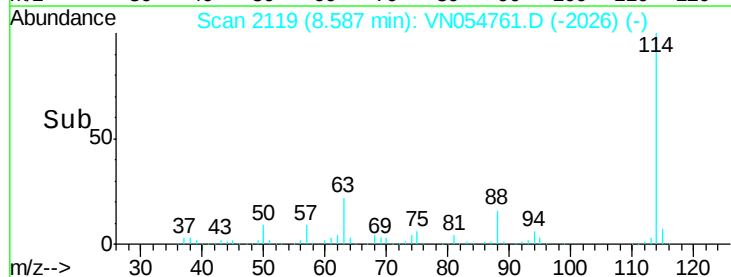
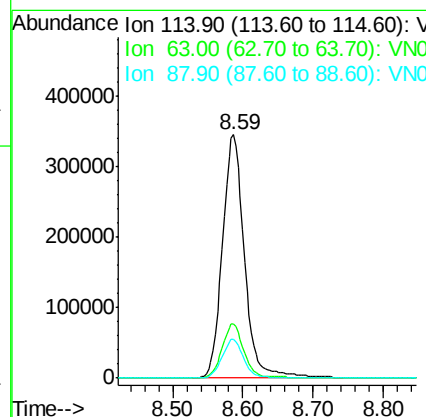
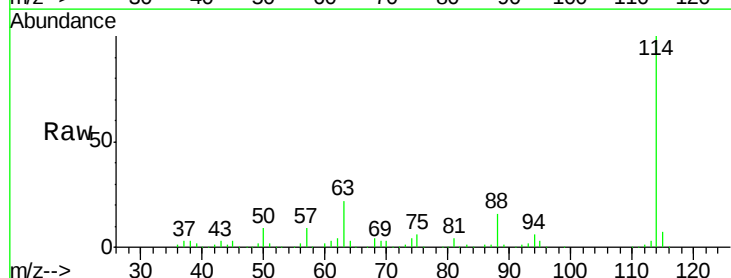
Instrument :
 MSVOA_N
 ClientSampleId :

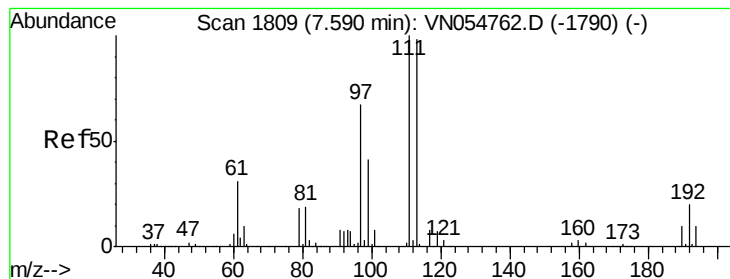
Tot Ion: 65 Resp: 140353
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054761.D
 Acq: 29 Mar 2019 10:53

Tgt Ion: 114 Resp: 753746
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 35.2
 88 15.8 0.0 30.2





#35

Dibromofluoromethane

Concen: 22.76 ug/l

RT: 7.60 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

Instrument :
MSVOA_N
ClientSampled :

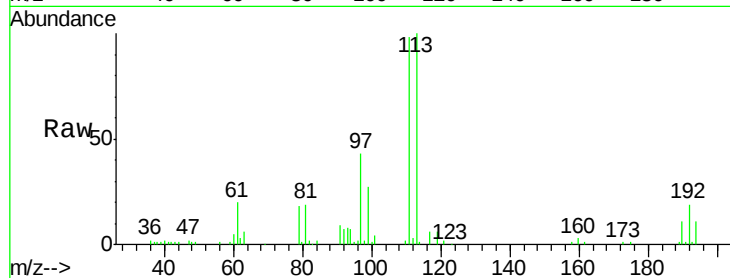
Tot Ion:113 Resp: 114397

Ion Ratio Lower Upper

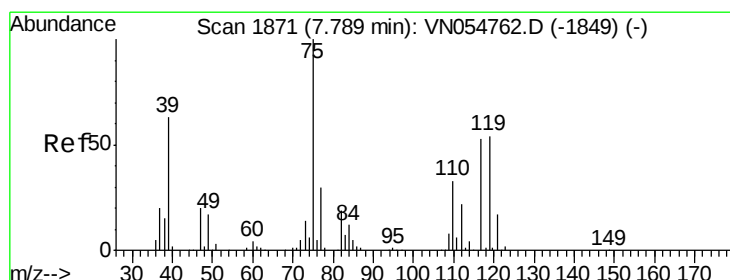
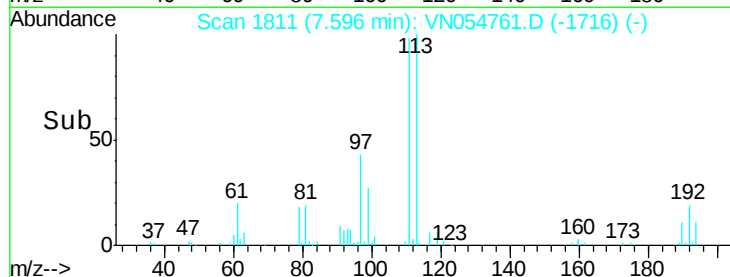
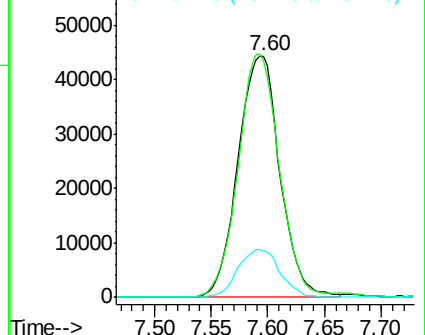
113 100

111 98.7 82.2 123.4

192 20.0 19.2 28.8



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



#36

1,1-Dichloropropene

Concen: 19.80 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

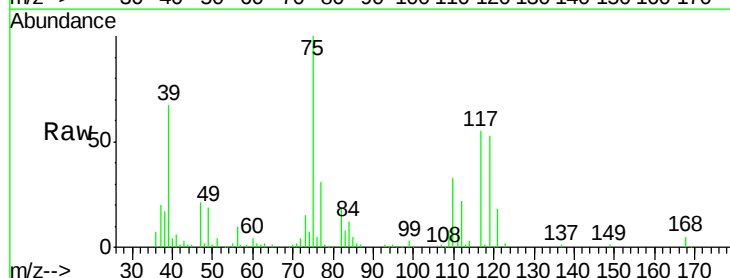
Tgt Ion: 75 Resp: 136254

Ion Ratio Lower Upper

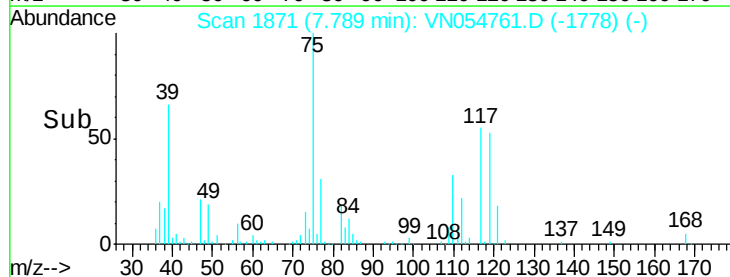
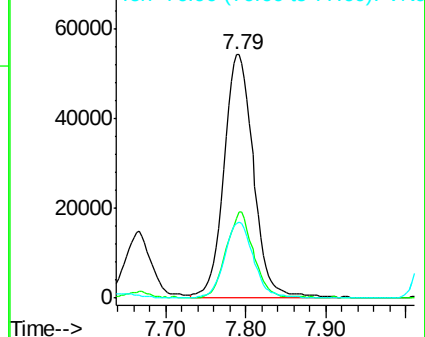
75 100

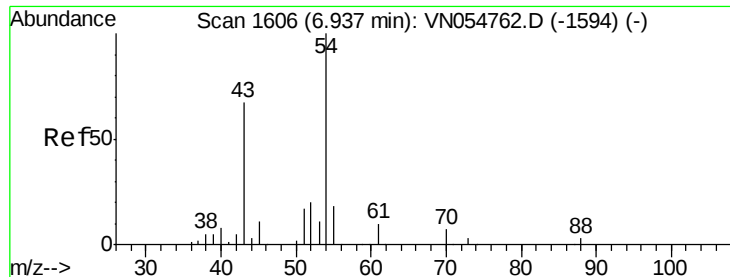
110 33.6 19.1 57.5

77 30.7 25.0 37.4



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

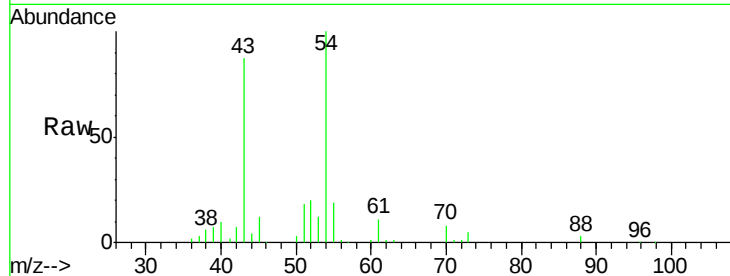




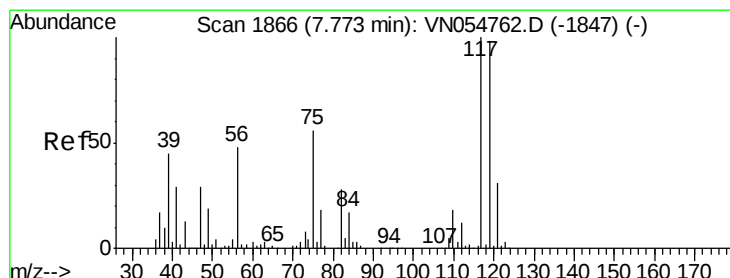
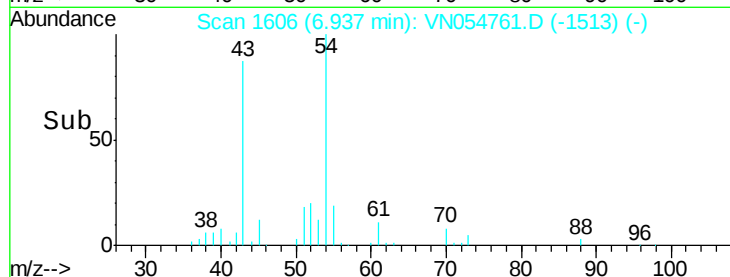
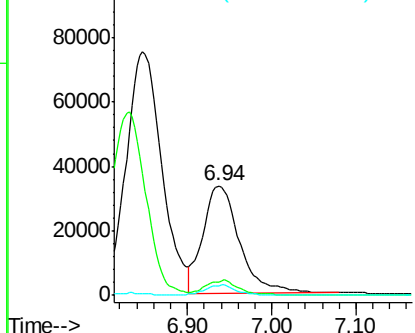
#37
Ethyl Acetate
Concen: 20.04 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VN054761.D
Acq: 29 Mar 2019 10:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 101294
Ion Ratio Lower Upper
43 100
61 12.3 11.8 17.6
70 8.3 8.4 12.6#

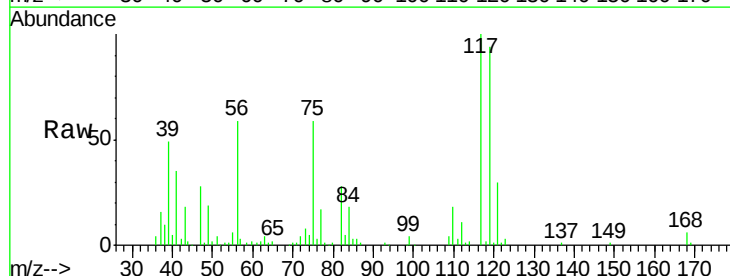


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

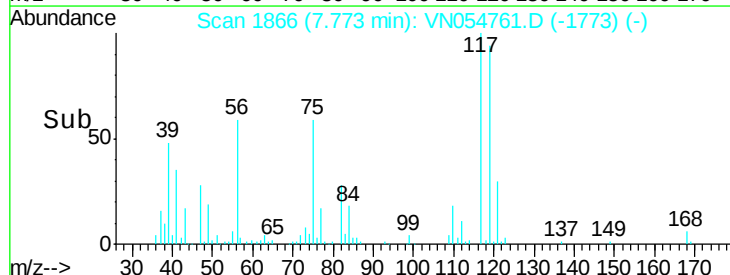
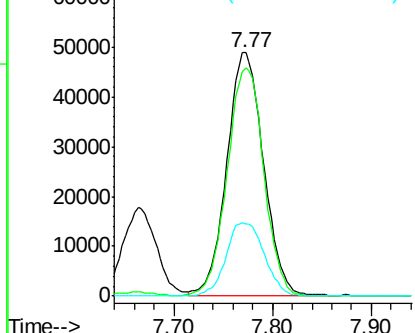


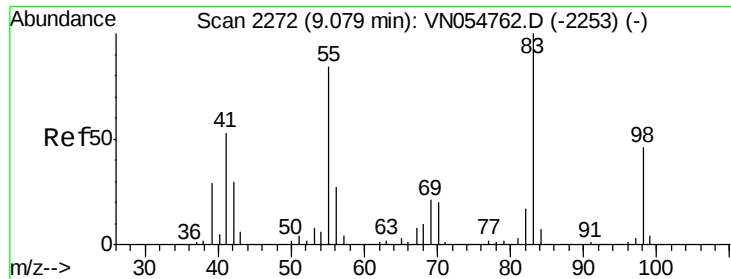
#38
Carbon Tetrachloride
Concen: 18.50 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN054761.D
Acq: 29 Mar 2019 10:53

Tgt Ion: 117 Resp: 126206
Ion Ratio Lower Upper
117 100
119 94.1 76.3 114.5
121 30.0 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

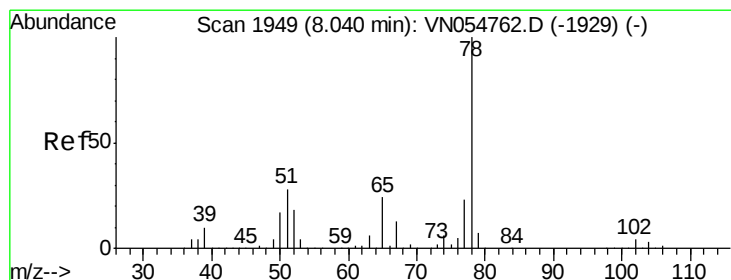
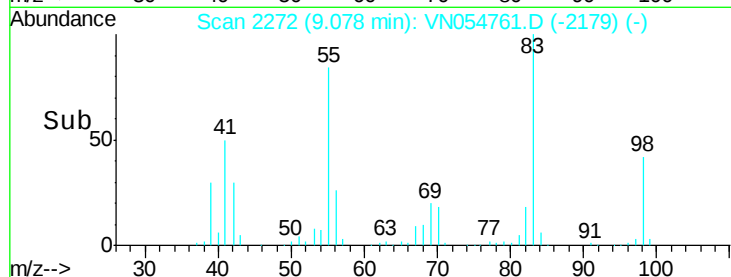
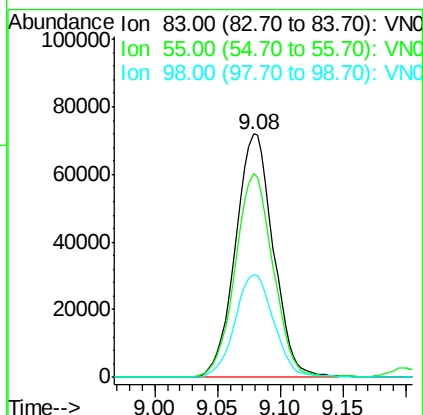
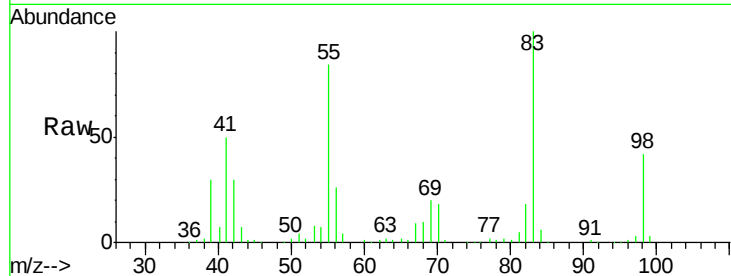




#39
Methvlcvclohexane
Concen: 19.55 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN054761.D
Acq: 29 Mar 2019 10:53

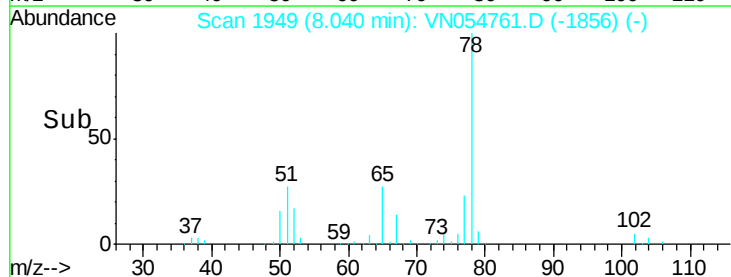
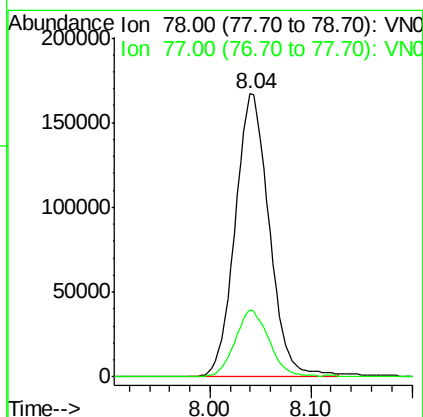
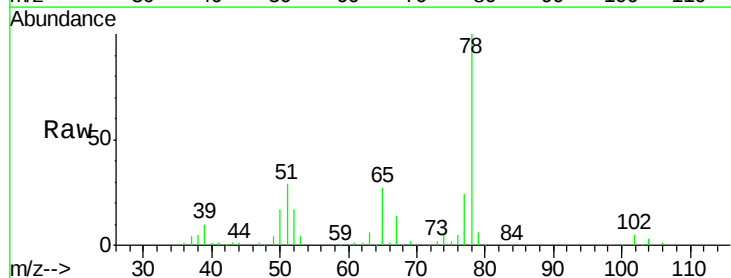
Instrument :
MSVOA_N
ClientSampleId :

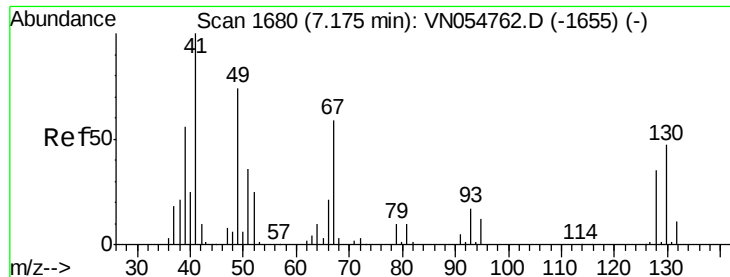
Tot Ion: 83 Resp: 150936
Ion Ratio Lower Upper
83 100
55 83.6 56.6 84.8
98 42.4 38.4 57.6



#40
Benzene
Concen: 19.48 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN054761.D
Acq: 29 Mar 2019 10:53

Tgt Ion: 78 Resp: 391583
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7





#41

Methacrylonitrile

Concen: 18.52 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 53570

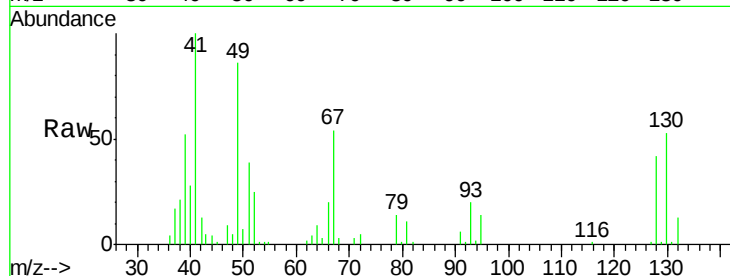
Ion Ratio Lower Upper

41 100

39 63.8 46.8 70.2

67 68.8 67.0 100.4

52 29.6 26.5 39.7

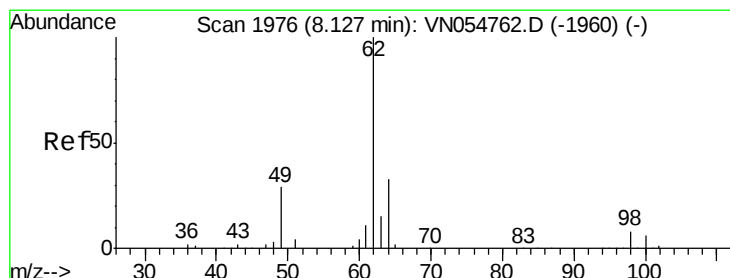
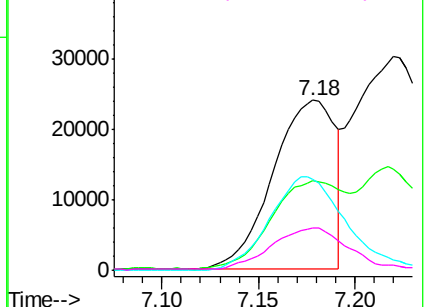
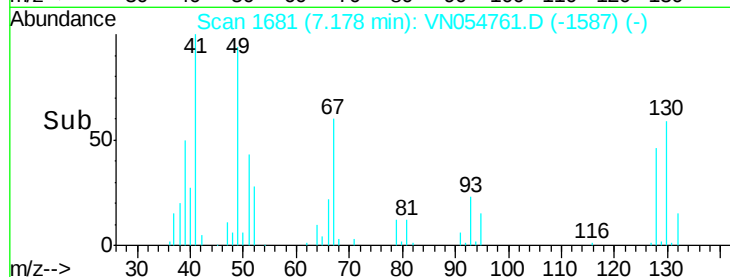


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42

1,2-Dichloroethane

Concen: 19.73 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN054761.D

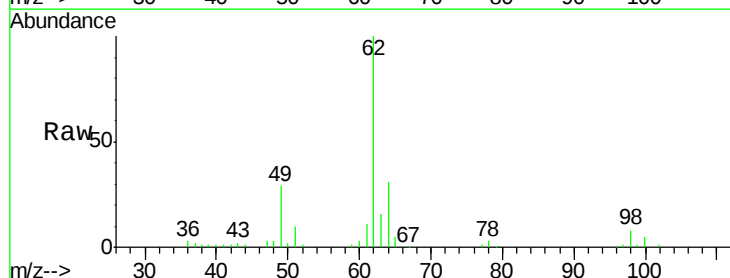
Acq: 29 Mar 2019 10:53

Tgt Ion: 62 Resp: 141583

Ion Ratio Lower Upper

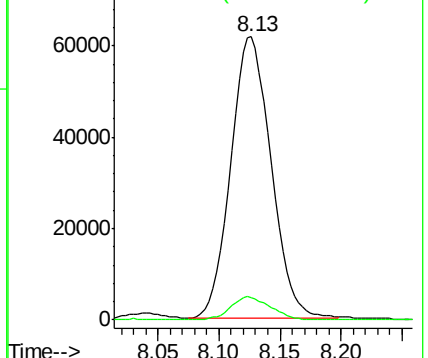
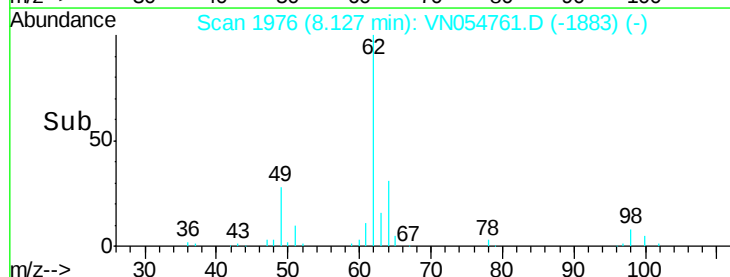
62 100

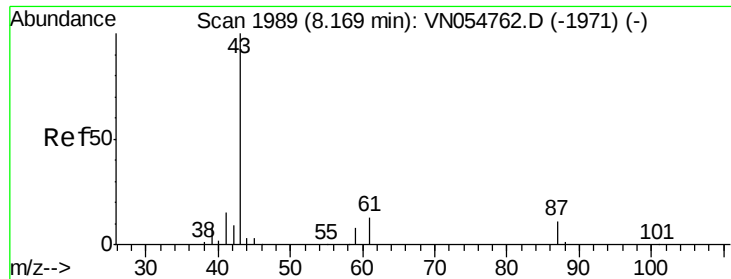
98 8.0 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 19.96 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

Instrument :

MSVOA_N

ClientSampleId :

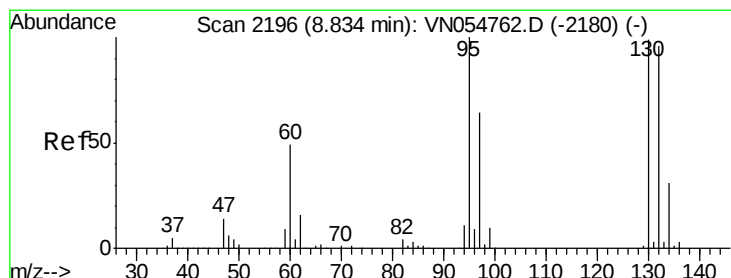
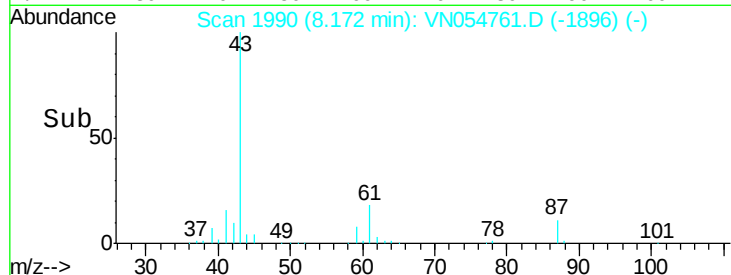
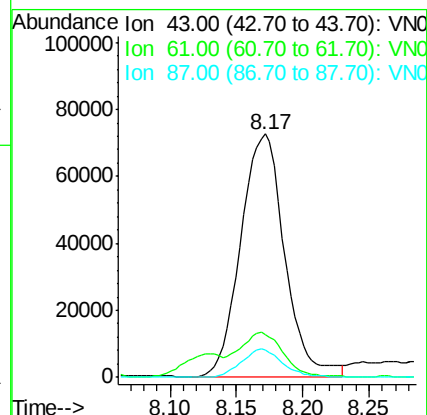
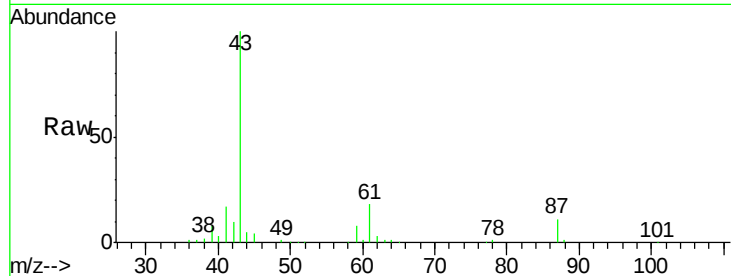
Tot Ion: 43 Resp: 167046

Ion Ratio Lower Upper

43 100

61 17.4 15.8 23.8

87 11.0 12.0 18.0#



#44

Trichloroethene

Concen: 20.12 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN054761.D

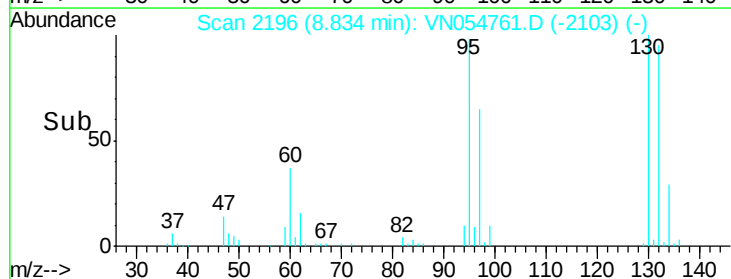
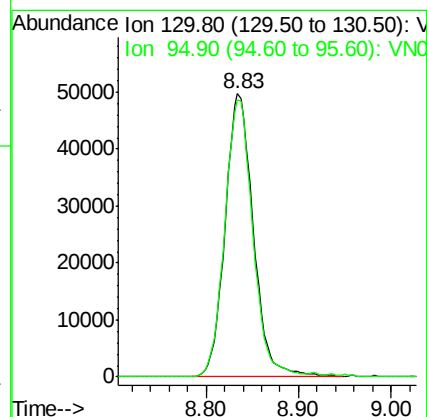
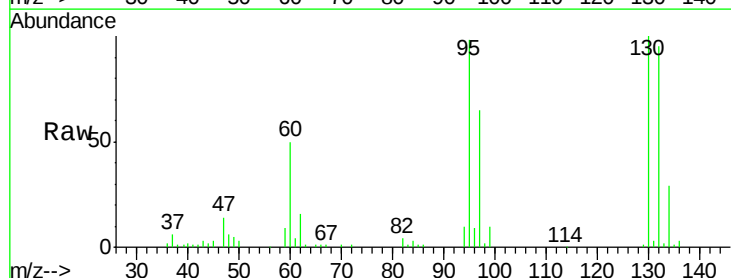
Acq: 29 Mar 2019 10:53

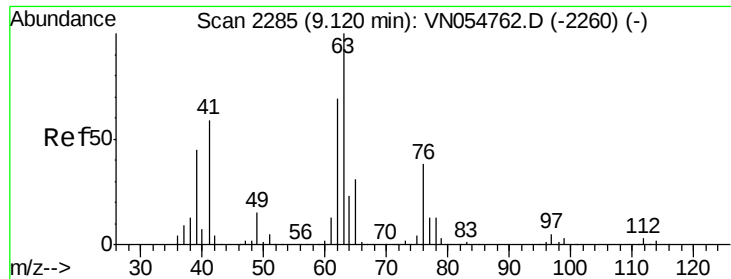
Tgt Ion:130 Resp: 104985

Ion Ratio Lower Upper

130 100

95 97.7 0.0 185.2

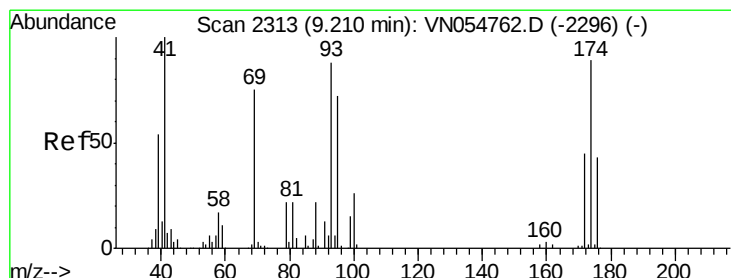
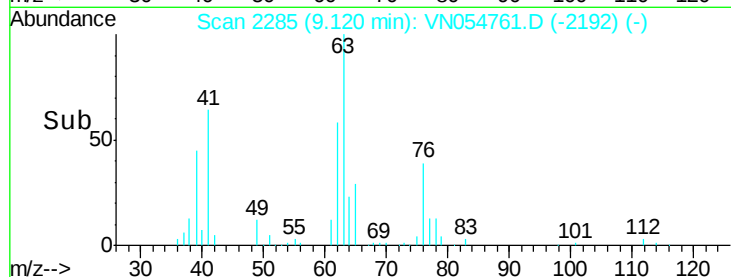
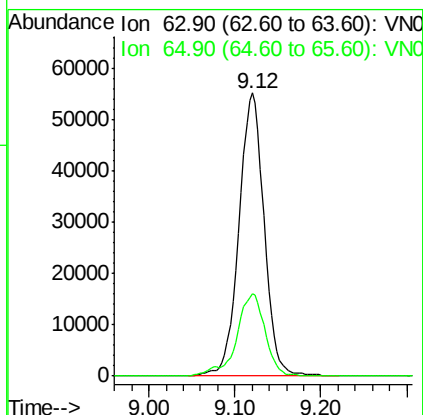
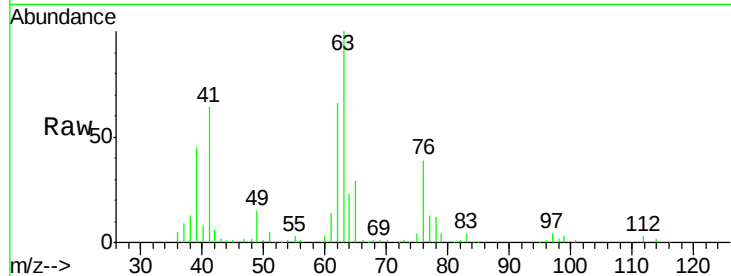




#45
 1,2-Dichloropropane
 Concen: 19.62 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN054761.D
 Acq: 29 Mar 2019 10:53

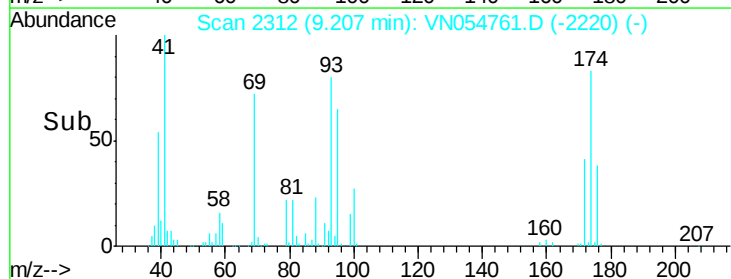
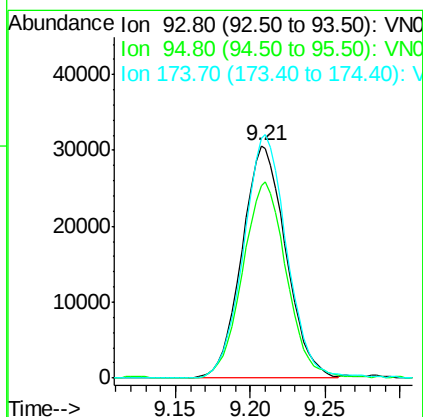
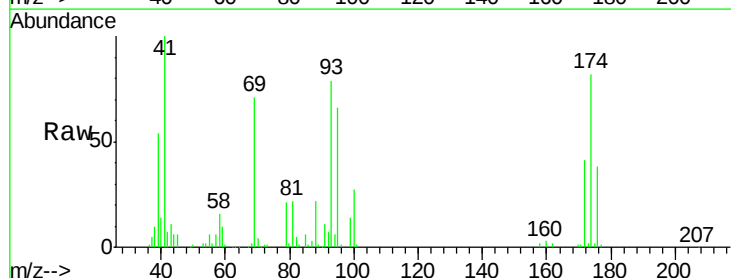
Instrument :
 MSVOA_N
 ClientSampled :

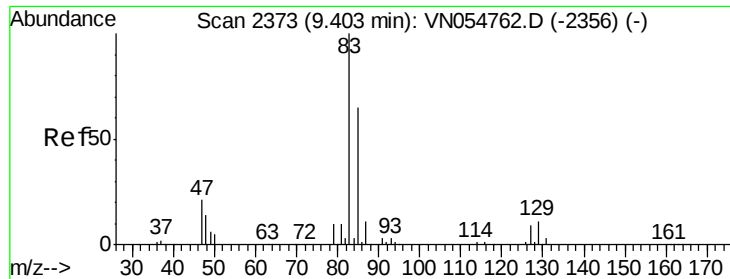
Tot Ion: 63 Resp: 112404
 Ion Ratio Lower Upper
 63 100
 65 29.1 25.0 37.6



#46
 Dibromomethane
 Concen: 19.42 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN054761.D
 Acq: 29 Mar 2019 10:53

Tgt Ion: 93 Resp: 62587
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.7 100.1
 174 103.1 98.5 147.7





#47

Bromodichloromethane

Concen: 19.92 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

Instrument :

MSVOA_N

ClientSampled :

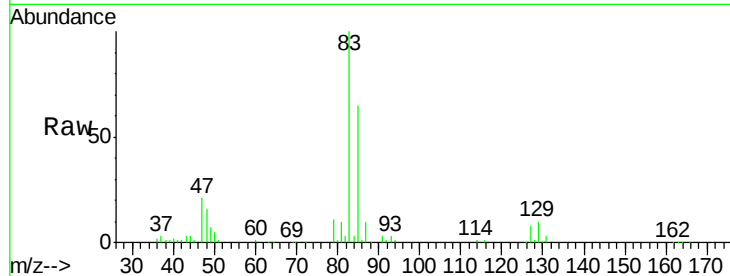
Tot Ion: 83 Resp: 133423

Ion Ratio Lower Upper

83 100

85 64.8 52.8 79.2

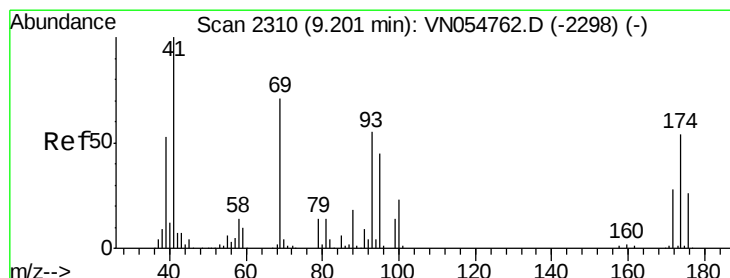
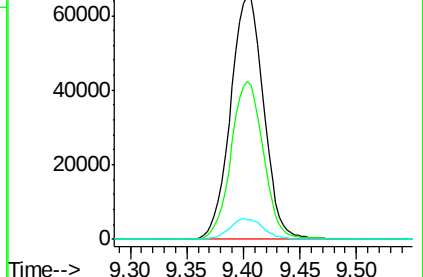
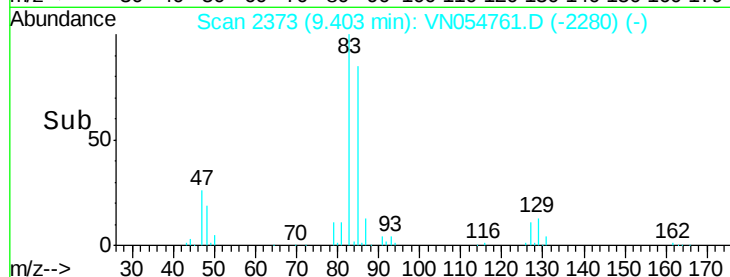
127 8.3 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VN054761.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN054761.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN054761.D (-2280) (-)



#48

Methyl methacrylate

Concen: 18.41 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

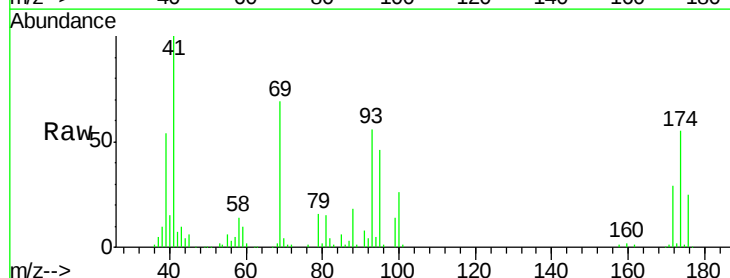
Tgt Ion: 41 Resp: 83498

Ion Ratio Lower Upper

41 100

69 72.8 72.6 108.8

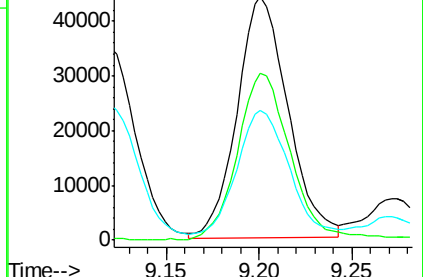
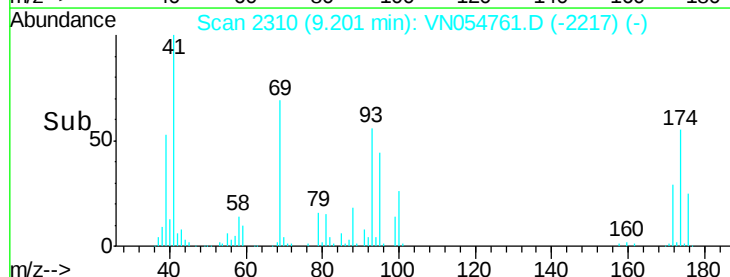
39 55.9 47.5 71.3

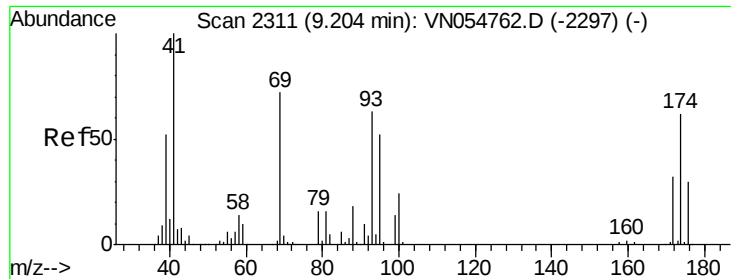


Abundance Ion 41.00 (40.70 to 41.70): VN054761.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN054761.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN054761.D (-2217) (-)





#49

1,4-Dioxane

Concen: 410.00 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

Instrument :

MSVOA_N

ClientSampleId :

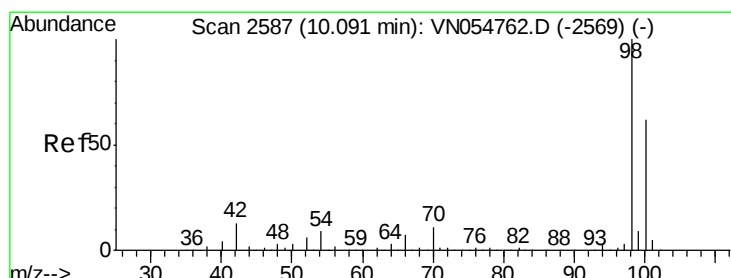
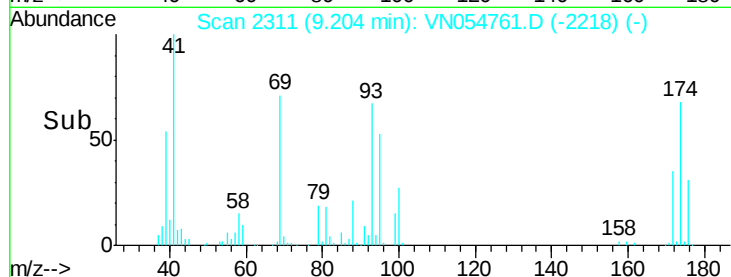
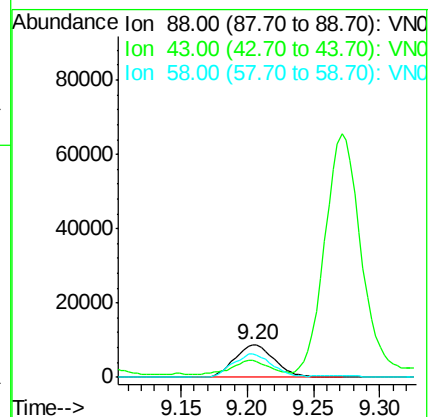
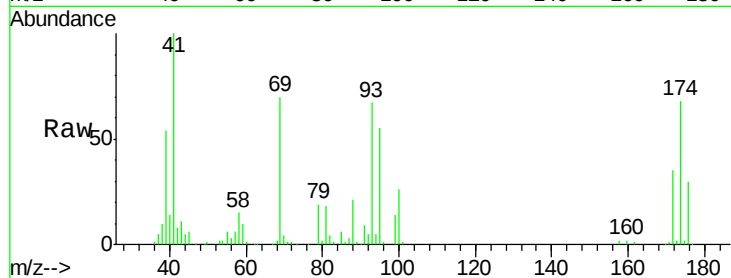
Tot Ion: 88 Resp: 18455

Ion Ratio Lower Upper

88 100

43 40.8 24.1 36.1#

58 70.9 50.8 76.2



#50

Toluene-d8

Concen: 22.07 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054761.D

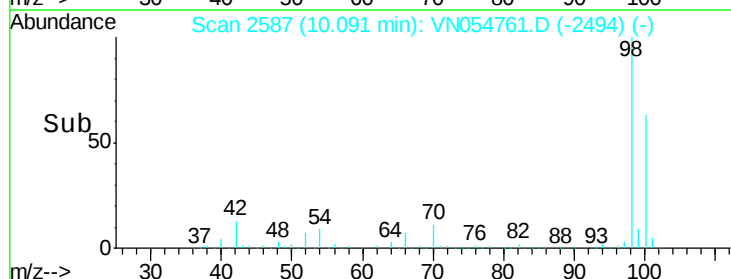
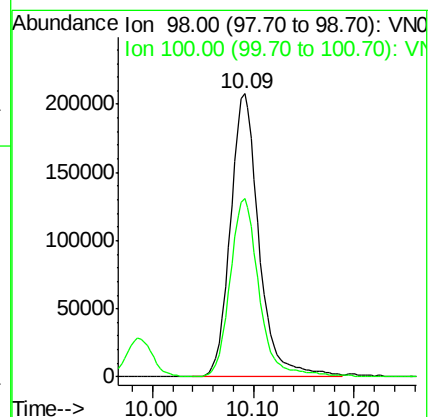
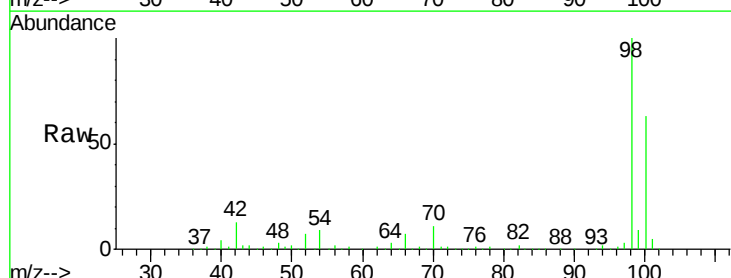
Acq: 29 Mar 2019 10:53

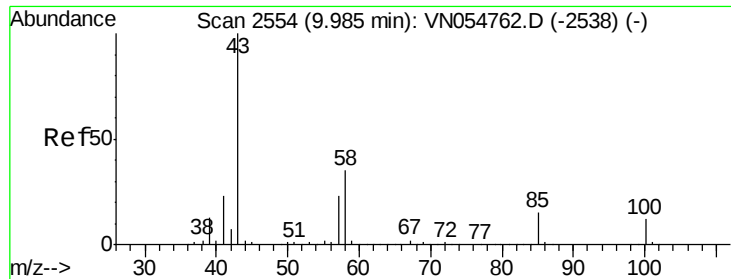
Tgt Ion: 98 Resp: 412353

Ion Ratio Lower Upper

98 100

100 63.3 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 97.16 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

Instrument :

MSVOA_N

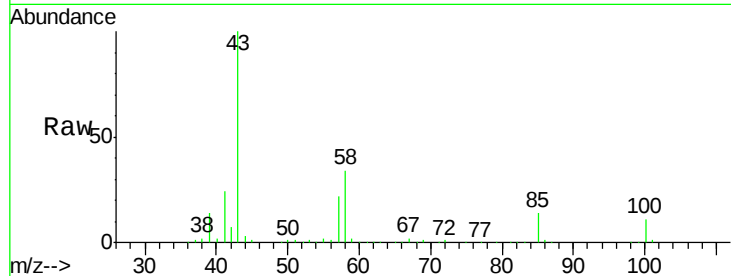
ClientSampled :

Tot Ion: 43 Resp: 457165

Ion Ratio Lower Upper

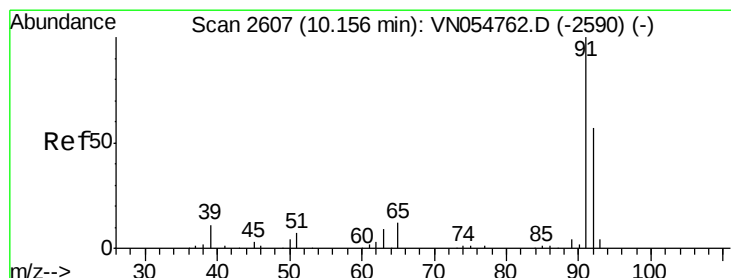
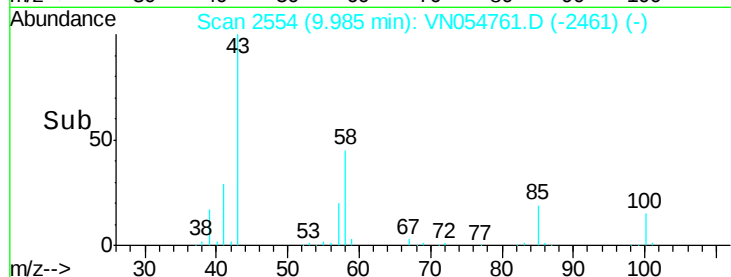
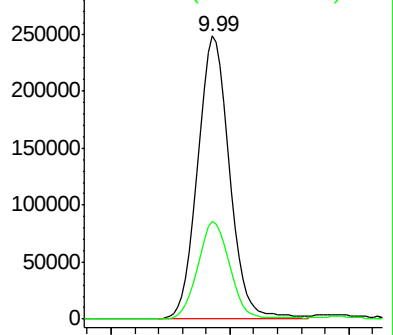
43 100

58 34.9 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.28 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054761.D

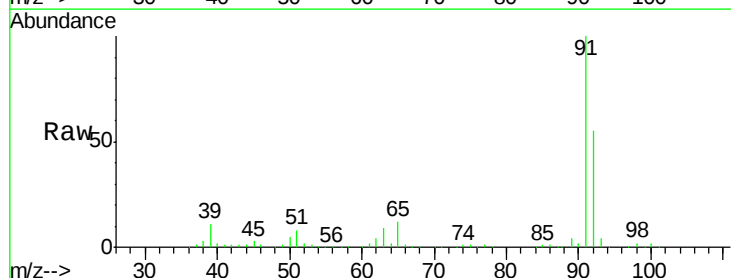
Acq: 29 Mar 2019 10:53

Tgt Ion: 92 Resp: 230595

Ion Ratio Lower Upper

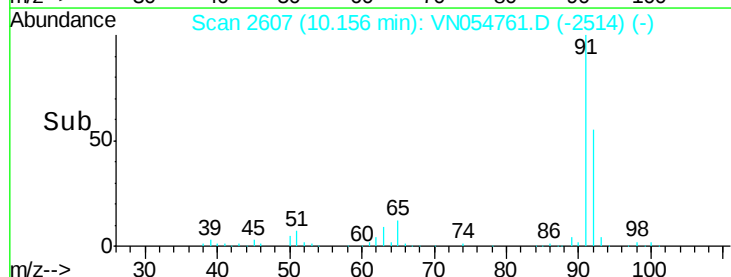
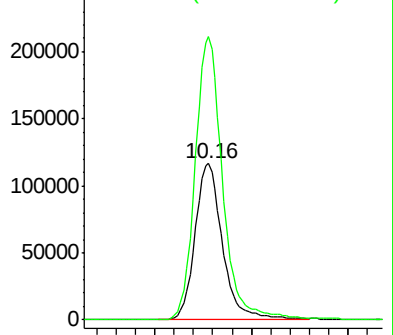
92 100

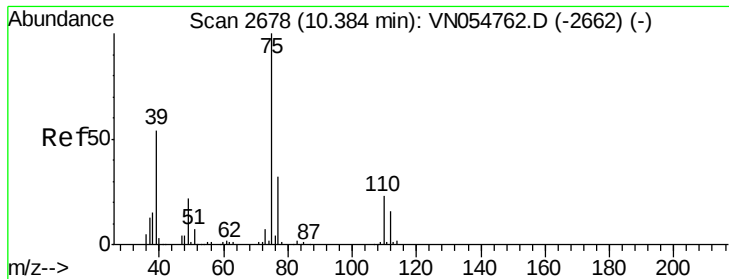
91 180.6 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 18.89 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

Instrument :

MSVOA_N

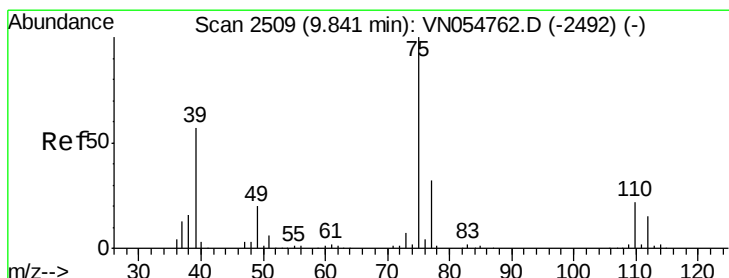
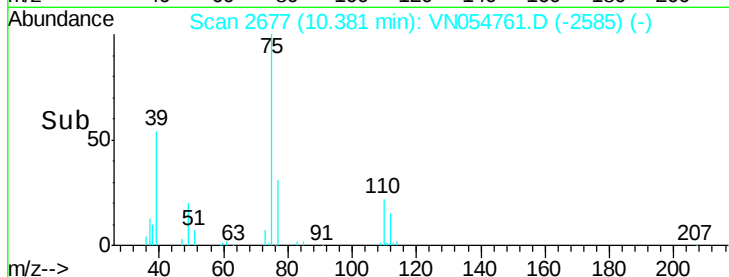
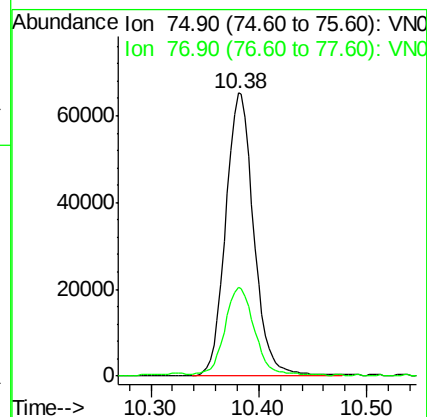
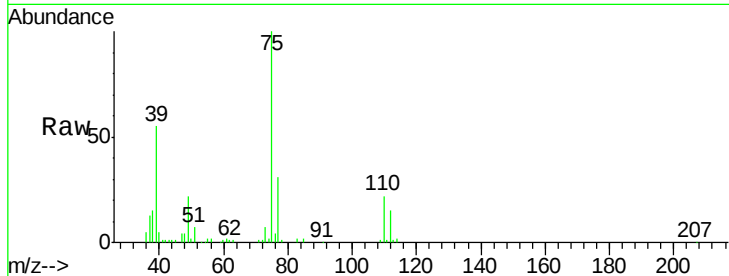
ClientSampleId :

Tot Ion: 75 Resp: 119017

Ion Ratio Lower Upper

75 100

77 30.8 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 19.92 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

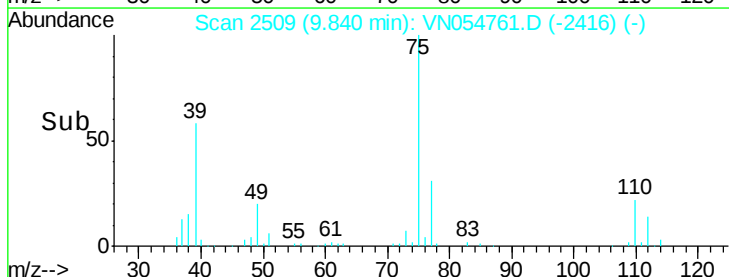
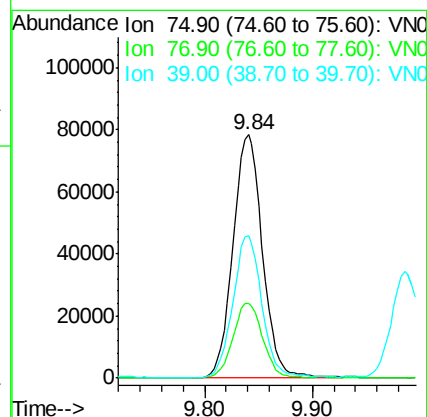
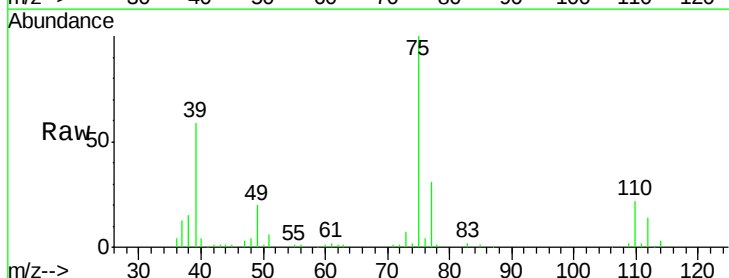
Tgt Ion: 75 Resp: 149978

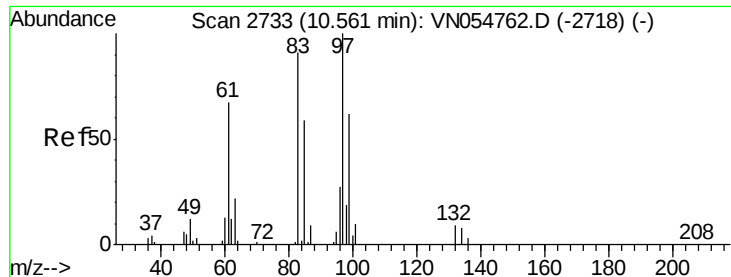
Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.0

39 58.4 37.2 55.8#

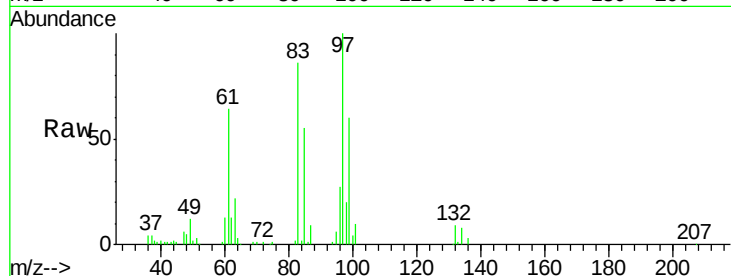




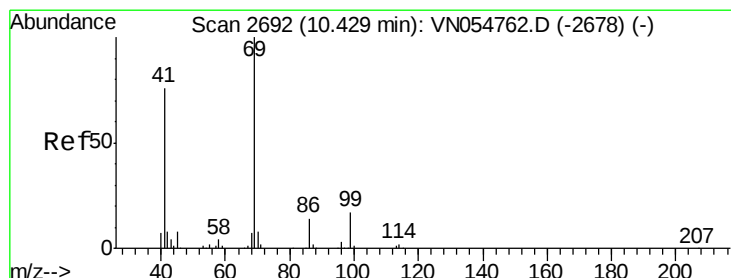
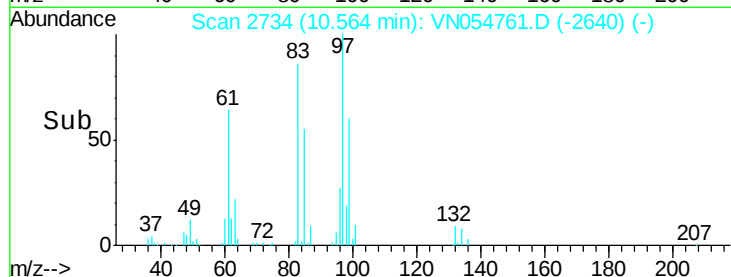
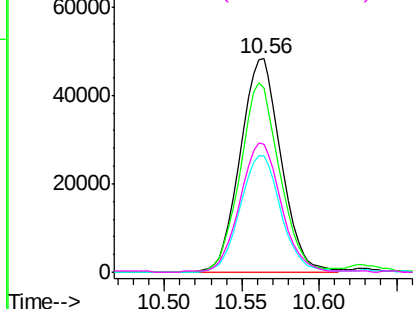
#55
 1,1,2-Trichloroethane
 Concen: 19.92 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN054761.D
 Acq: 29 Mar 2019 10:53

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	88577
Ion	Ratio	Lower	Upper
97	100		
83	86.0	66.6	100.0
85	54.5	44.4	66.6
99	59.6	50.8	76.2

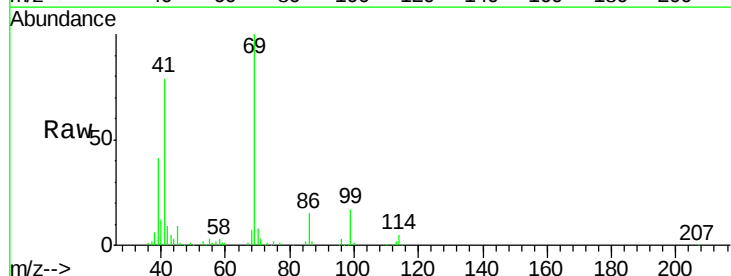


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

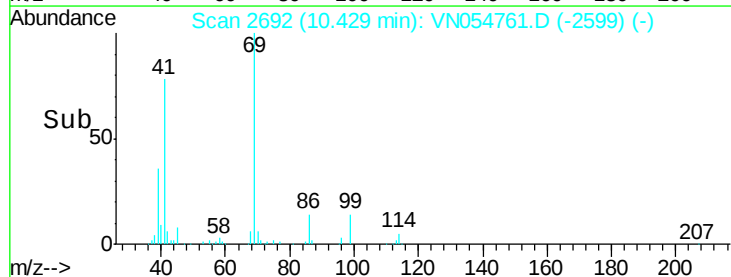
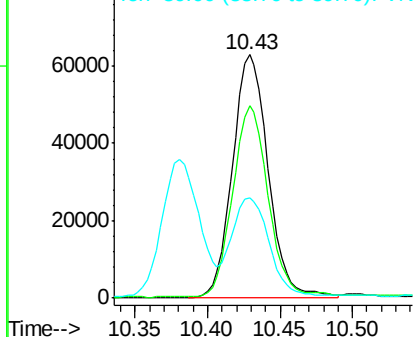


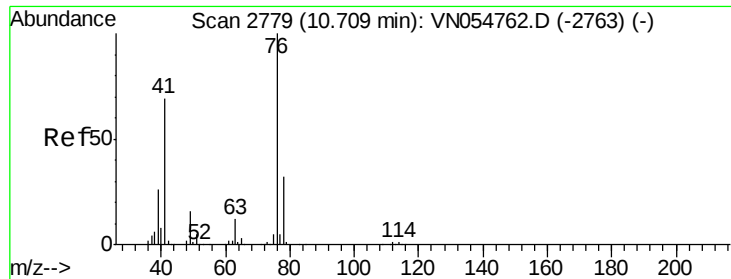
#56
 Ethyl methacrylate
 Concen: 18.55 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN054761.D
 Acq: 29 Mar 2019 10:53

Tgt Ion:	69	Resp:	108202
Ion	Ratio	Lower	Upper
69	100		
41	76.7	49.4	74.2#
39	42.1	28.3	42.5



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

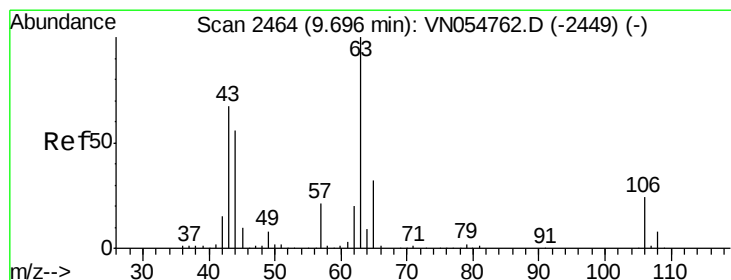
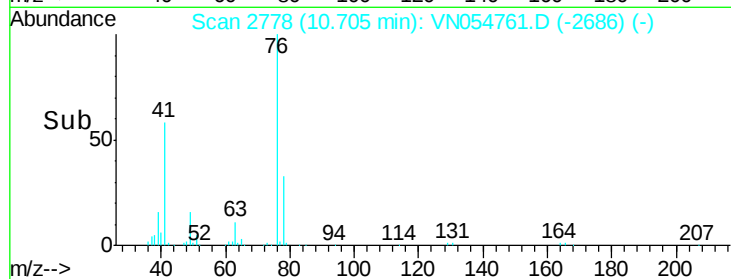
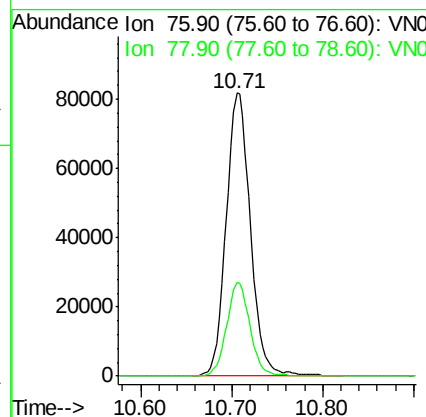
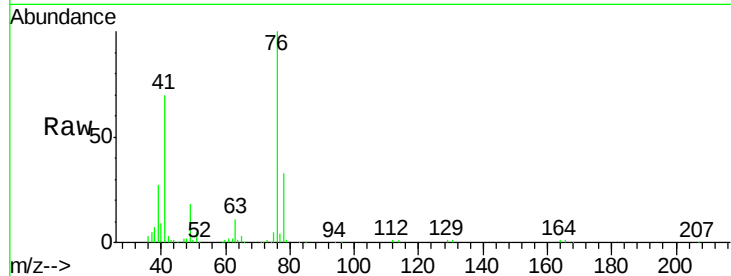




#57
 1,3-Dichloropropane
 Concen: 19.83 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN054761.D
 Acq: 29 Mar 2019 10:53

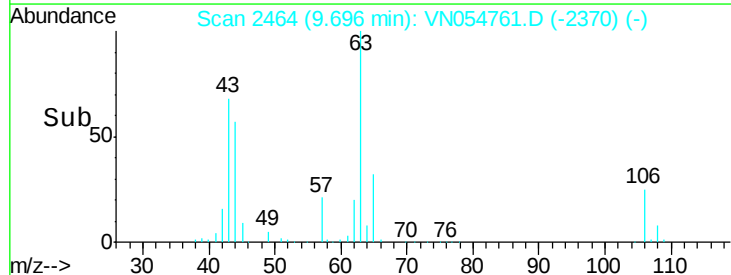
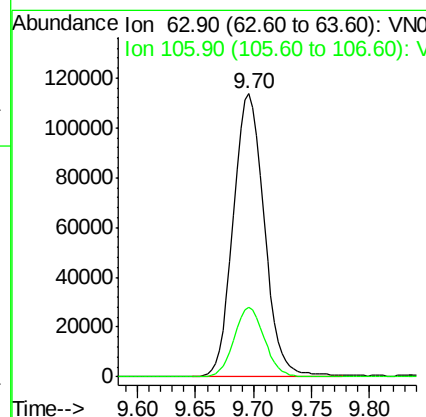
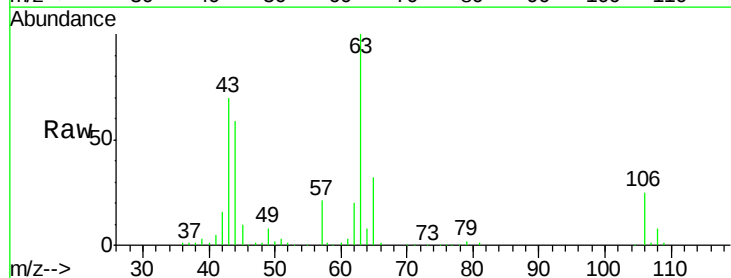
Instrument :
 MSVOA_N
 ClientSampleId :

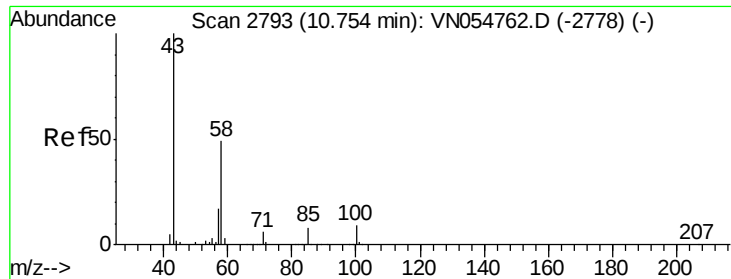
Tot Ion: 76 Resp: 151562
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.77 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN054761.D
 Acq: 29 Mar 2019 10:53

Tgt Ion: 63 Resp: 210781
 Ion Ratio Lower Upper
 63 100
 106 24.1 24.4 36.6#

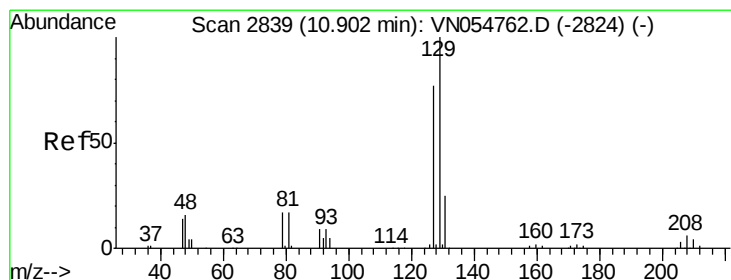
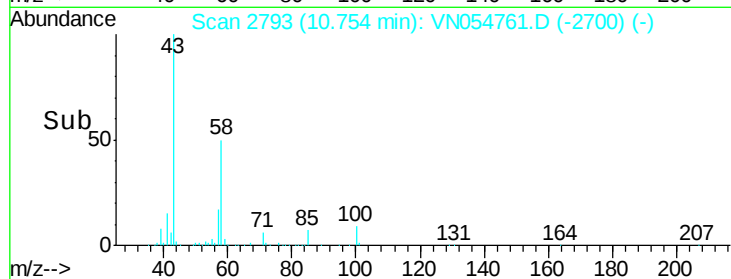
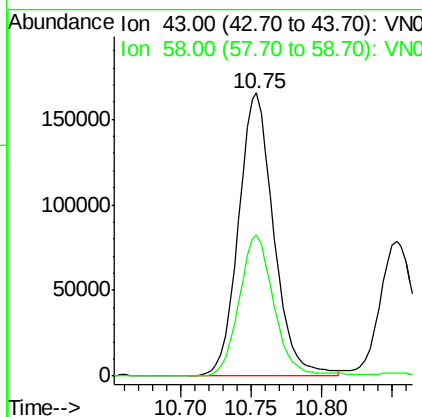
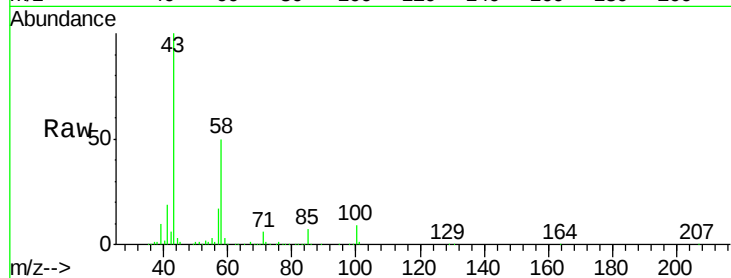




#59
2-Hexanone
Concen: 94.96 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN054761.D
Acq: 29 Mar 2019 10:53

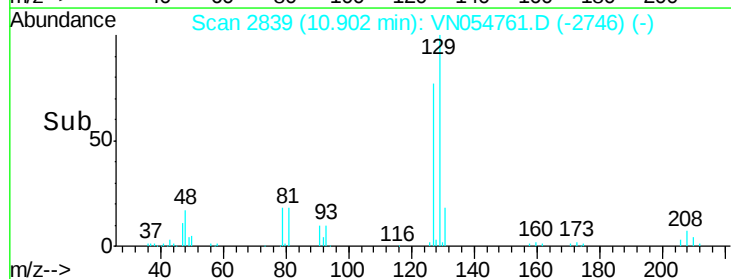
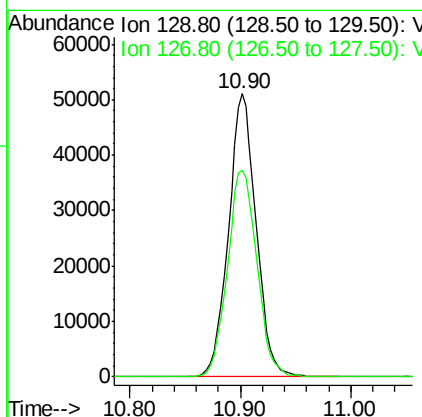
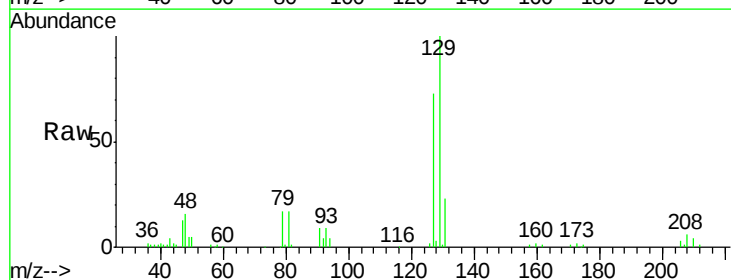
Instrument :
MSVOA_N
ClientSampled :

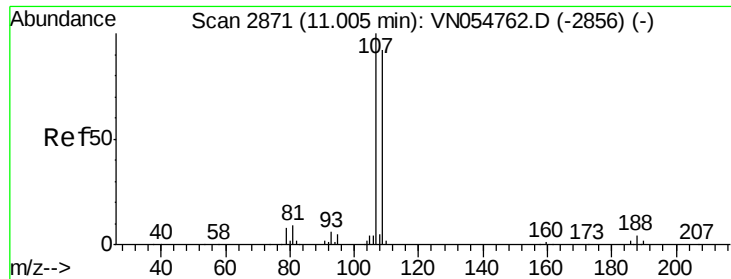
Tot Ion: 43 Resp: 286030
Ion Ratio Lower Upper
43 100
58 50.3 28.0 83.9



#60
Dibromochloromethane
Concen: 19.65 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN054761.D
Acq: 29 Mar 2019 10:53

Tgt Ion: 129 Resp: 88489
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8

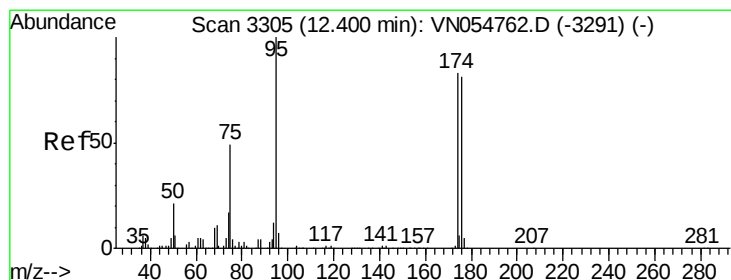
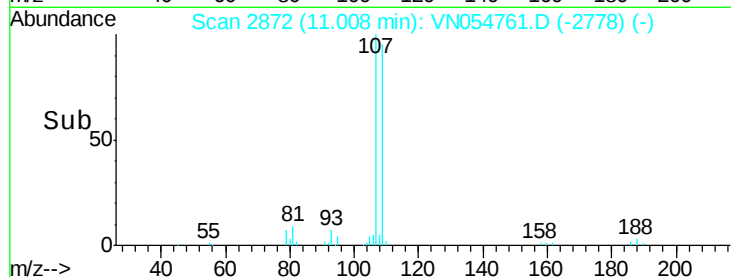
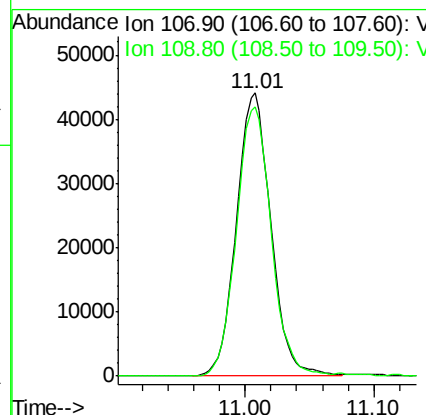
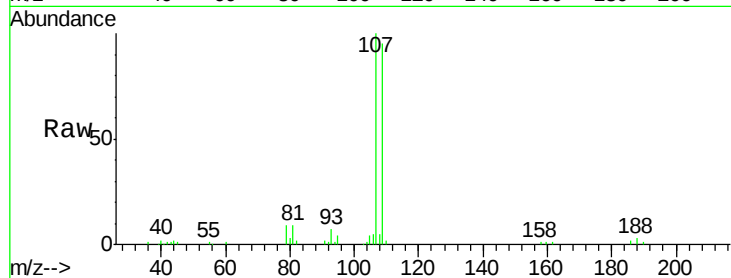




#61
 1,2-Dibromoethane
 Concen: 19.29 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN054761.D
 Acq: 29 Mar 2019 10:53

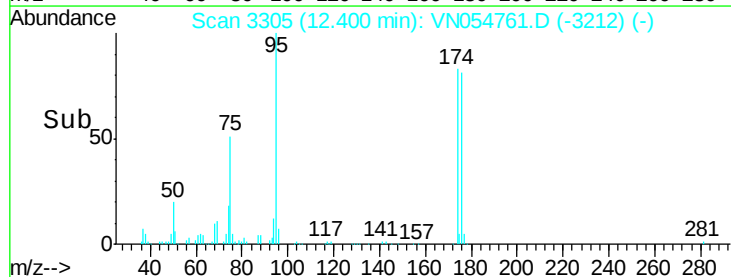
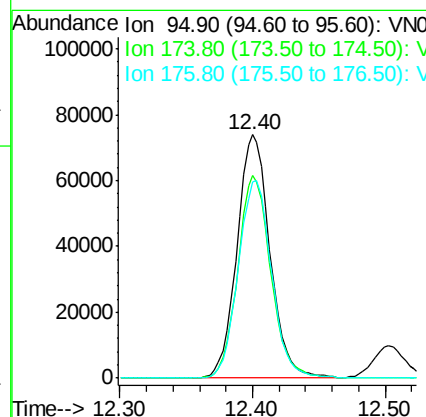
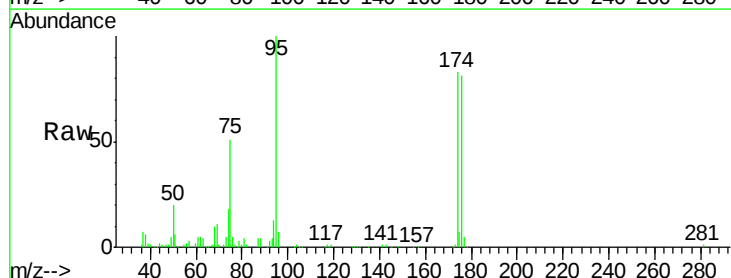
Instrument :
 MSVOA_N
 ClientSampled :

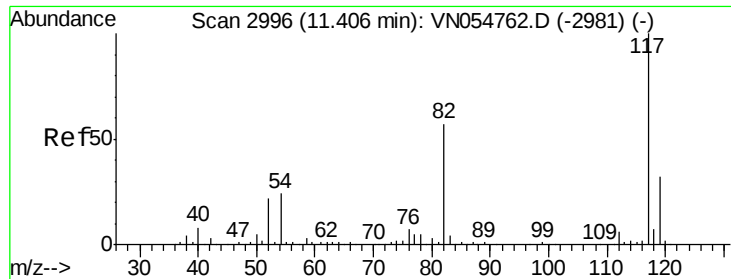
Tot Ion: 107 Resp: 81987
 Ion Ratio Lower Upper
 107 100
 109 95.8 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 20.52 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN054761.D
 Acq: 29 Mar 2019 10:53

Tgt Ion: 95 Resp: 127493
 Ion Ratio Lower Upper
 95 100
 174 83.5 0.0 191.0
 176 82.6 0.0 187.4

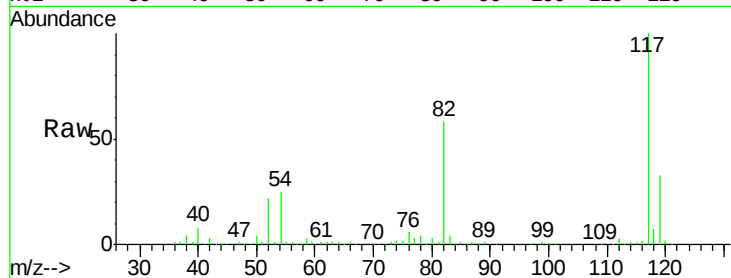




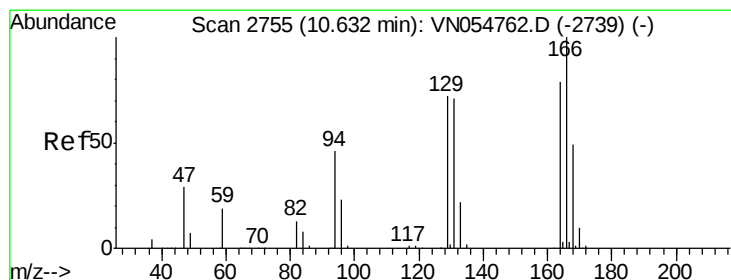
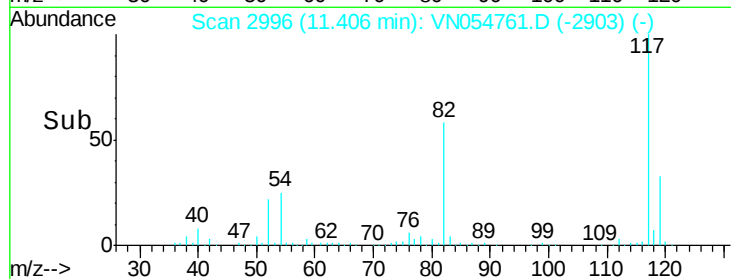
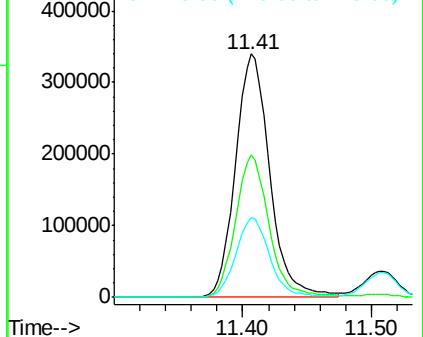
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054761.D
Acq: 29 Mar 2019 10:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 627554
Ion Ratio Lower Upper
117 100
82 58.5 40.0 60.0
119 32.5 25.8 38.6

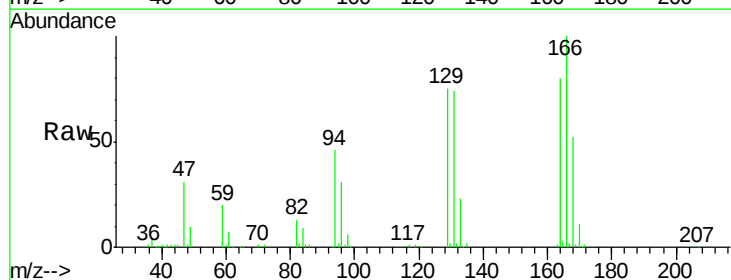


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

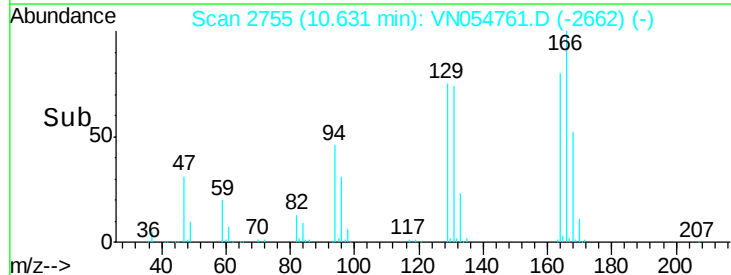
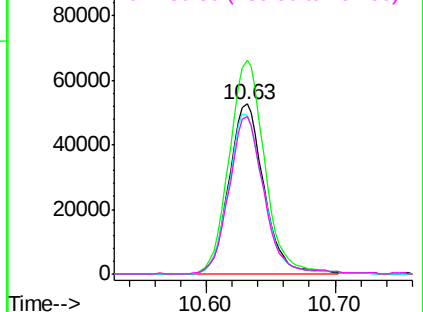


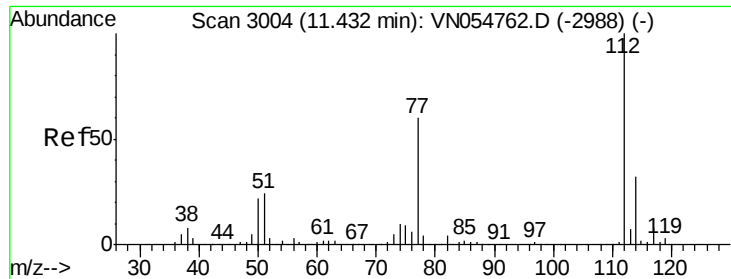
#64
Tetrachloroethene
Concen: 20.53 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN054761.D
Acq: 29 Mar 2019 10:53

Tgt Ion:164 Resp: 98861
Ion Ratio Lower Upper
164 100
166 125.5 103.9 155.9
129 93.6 71.1 106.7
131 92.9 68.2 102.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

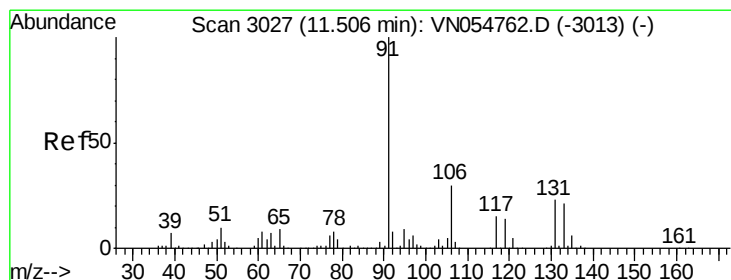
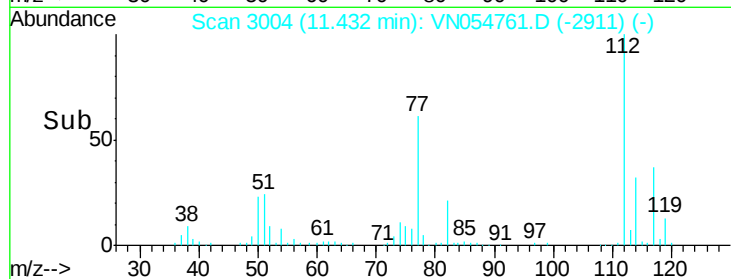
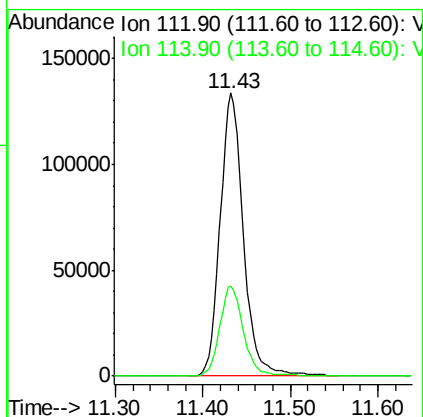
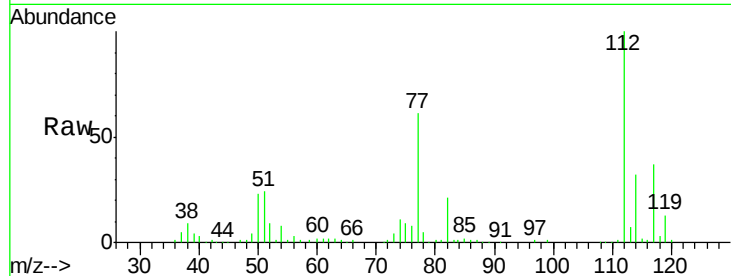




#65
Chlorobenzene
Concen: 20.09 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN054761.D
Acq: 29 Mar 2019 10:53

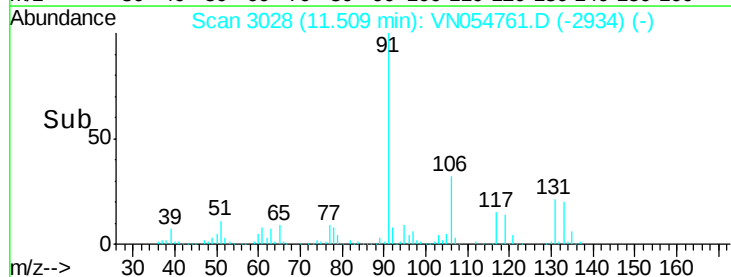
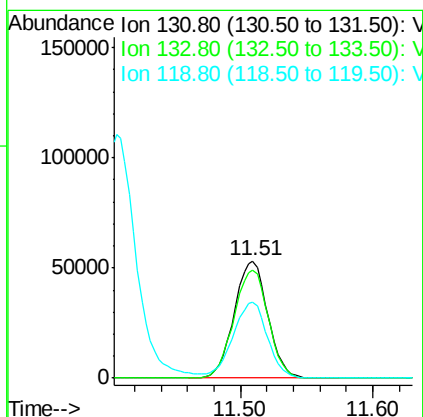
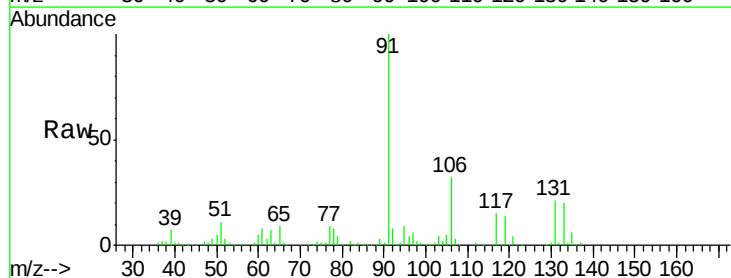
Instrument :
MSVOA_N
ClientSampled :

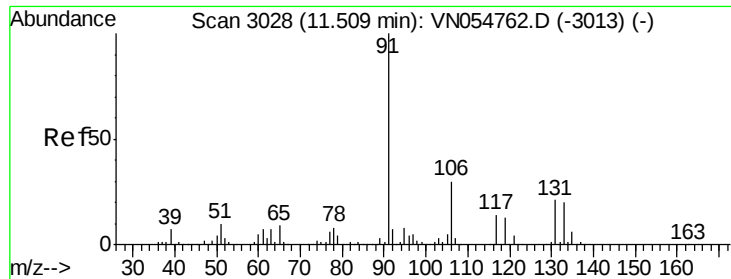
Tot Ion:112 Resp: 246895
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.27 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054761.D
Acq: 29 Mar 2019 10:53

Tgt Ion:131 Resp: 93235
Ion Ratio Lower Upper
131 100
133 94.4 47.6 142.9
119 66.9 32.4 97.0

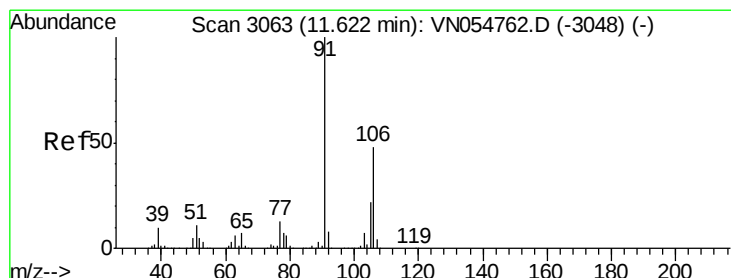
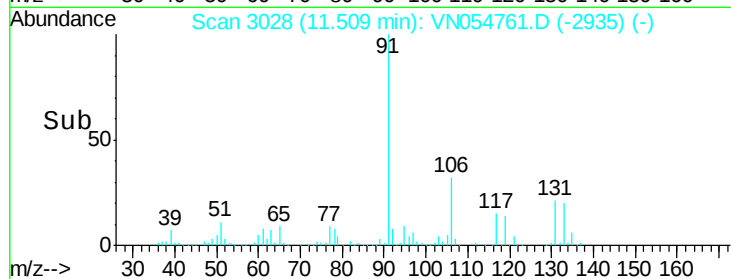
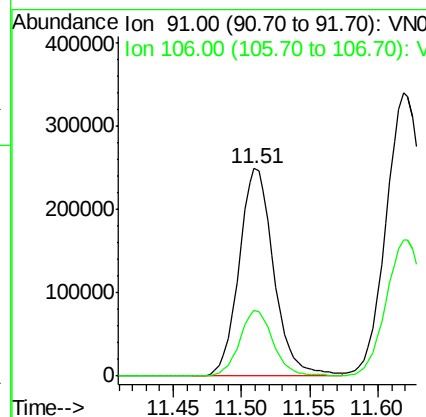
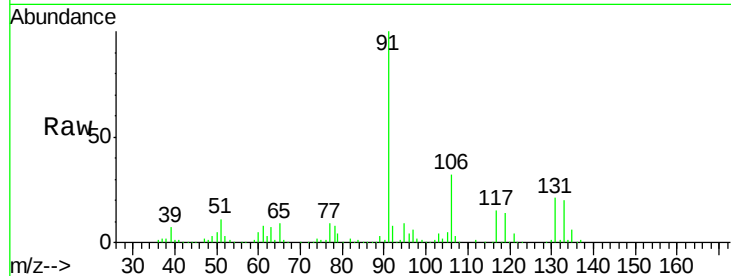




#67
Ethyl Benzene
Concen: 19.93 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054761.D
Acq: 29 Mar 2019 10:53

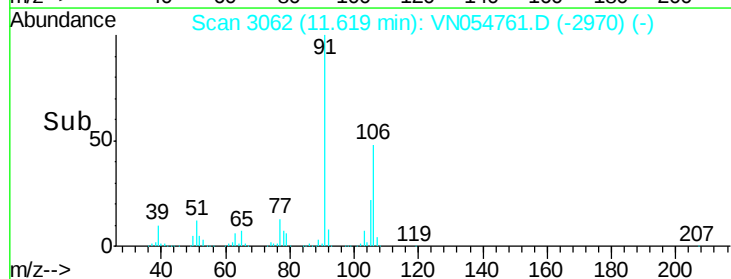
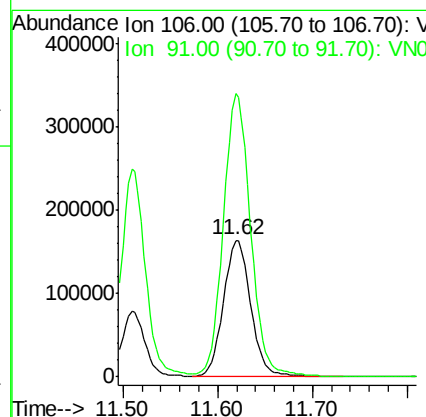
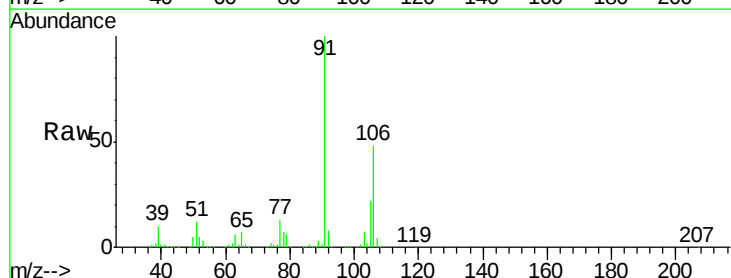
Instrument :
MSVOA_N
ClientSampled :

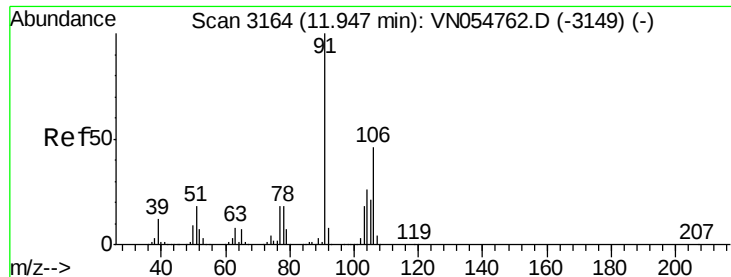
Tot Ion: 91 Resp: 441975
Ion Ratio Lower Upper
91 100
106 31.5 25.5 38.3



#68
m/p-Xylenes
Concen: 40.24 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054761.D
Acq: 29 Mar 2019 10:53

Tgt Ion: 106 Resp: 330187
Ion Ratio Lower Upper
106 100
91 207.0 159.4 239.2

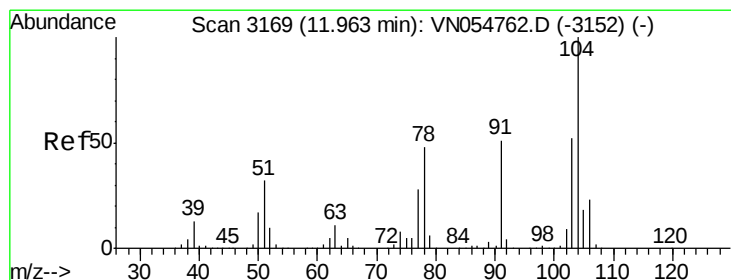
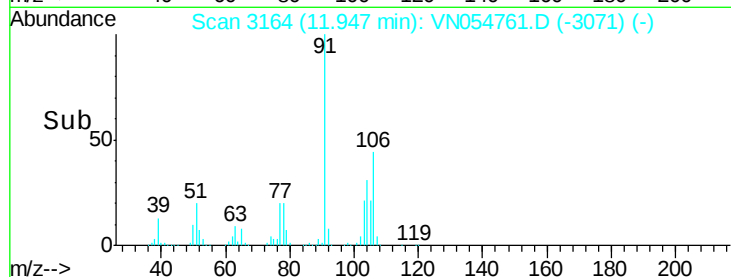
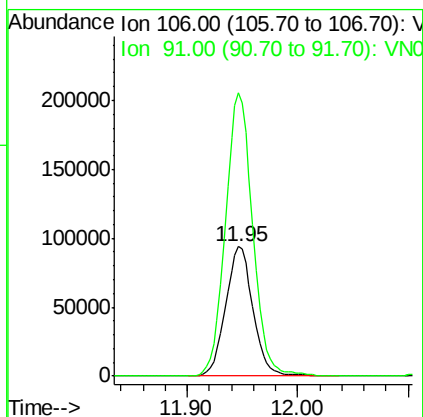
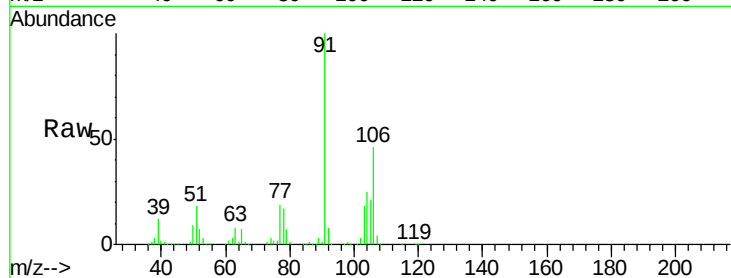




#69
o-Xylene
Concen: 20.10 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054761.D
Acq: 29 Mar 2019 10:53

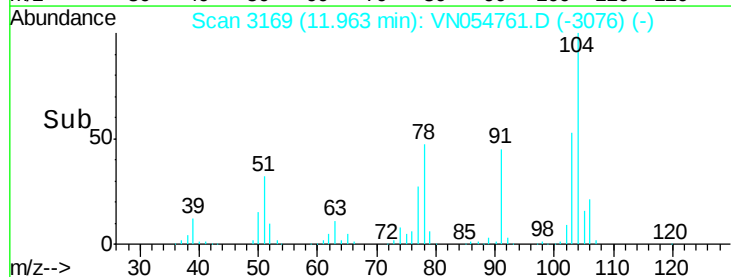
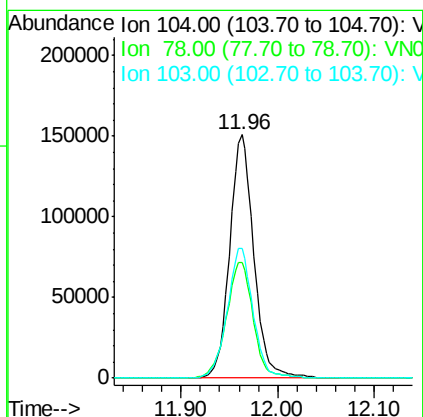
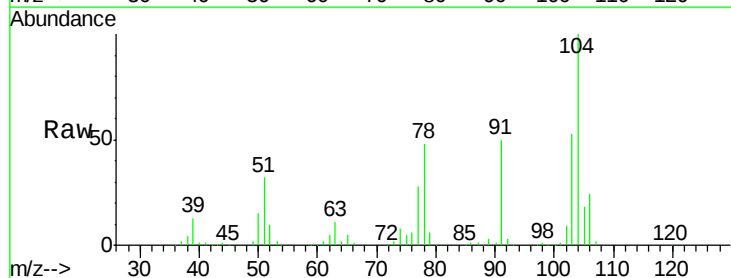
Instrument :
MSVOA_N
ClientSampled :

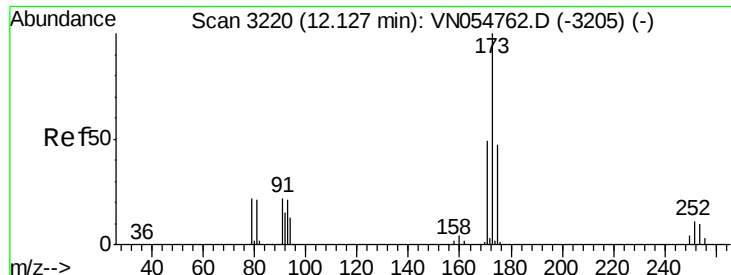
Tot Ion:106 Resp: 161758
Ion Ratio Lower Upper
106 100
91 217.3 105.7 317.1



#70
Styrene
Concen: 20.31 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN054761.D
Acq: 29 Mar 2019 10:53

Tgt Ion:104 Resp: 261344
Ion Ratio Lower Upper
104 100
78 52.8 38.2 57.2
103 57.1 44.4 66.6





#71

Bromoform

Concen: 19.50 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

Instrument :

MSVOA_N

ClientSampleId :

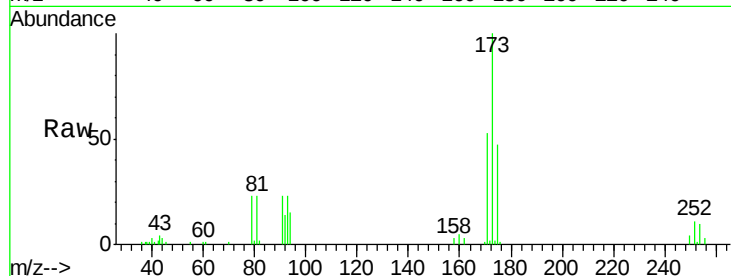
Tot Ion:173 Resp: 52533

Ion Ratio Lower Upper

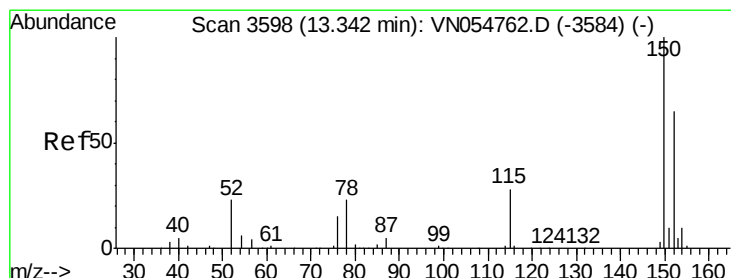
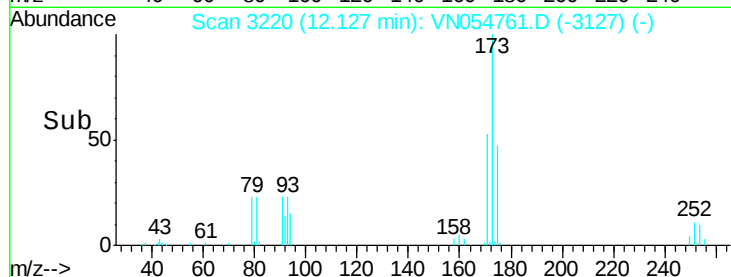
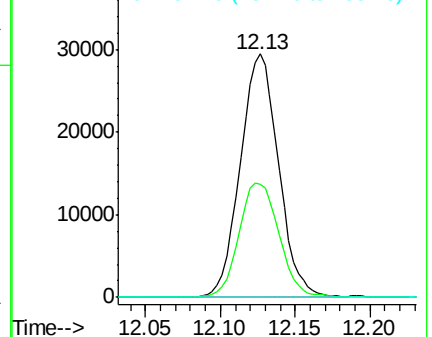
173 100

175 49.2 24.4 73.2

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

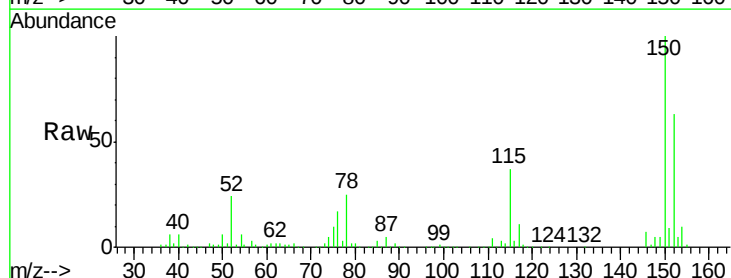
Tgt Ion:152 Resp: 267817

Ion Ratio Lower Upper

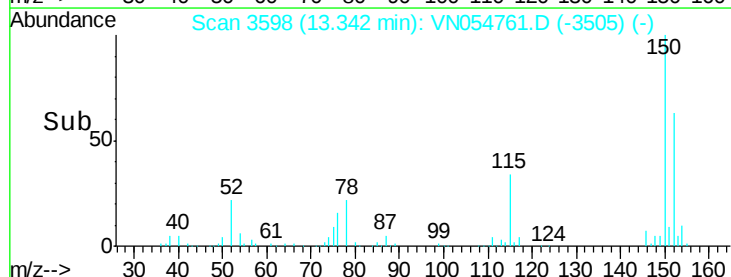
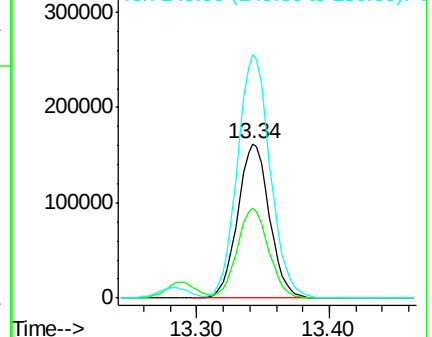
152 100

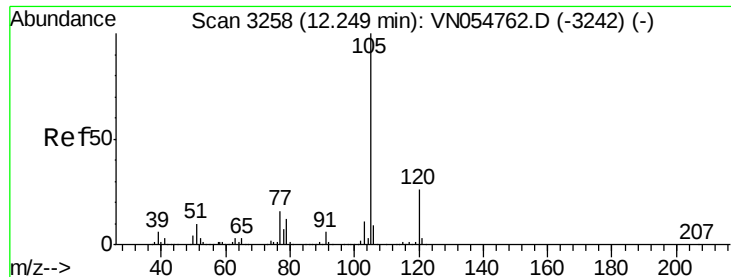
115 58.2 27.2 81.6

150 163.5 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.40 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

Instrument :

MSVOA_N

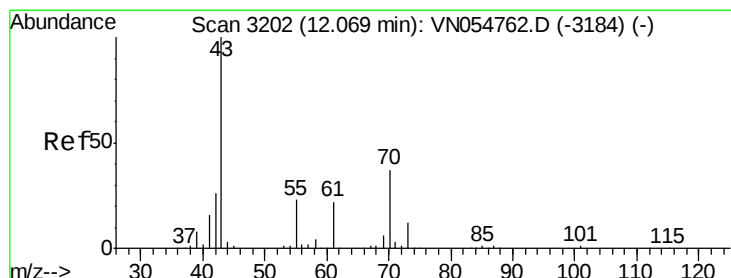
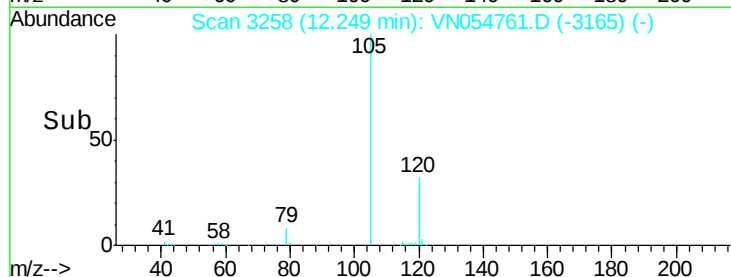
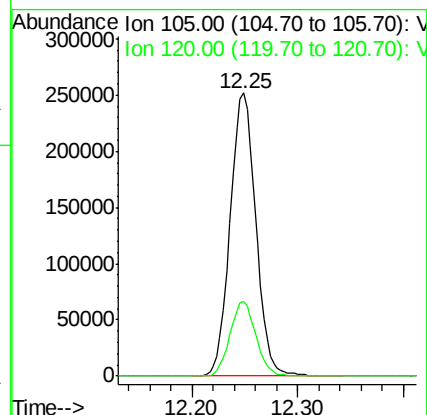
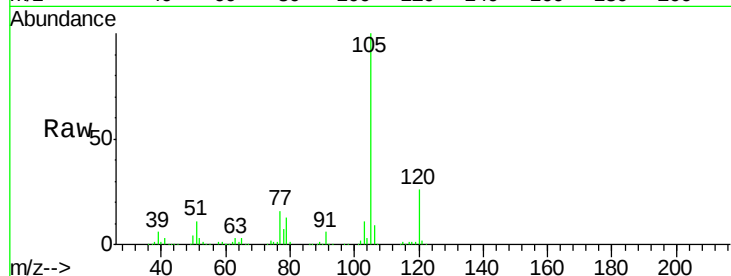
ClientSampled :

Tot Ion:105 Resp: 424762

Ion Ratio Lower Upper

105 100

120 26.6 13.8 41.3



#74

N-ethyl acetate

Concen: 18.58 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

Tgt Ion: 43 Resp: 126734

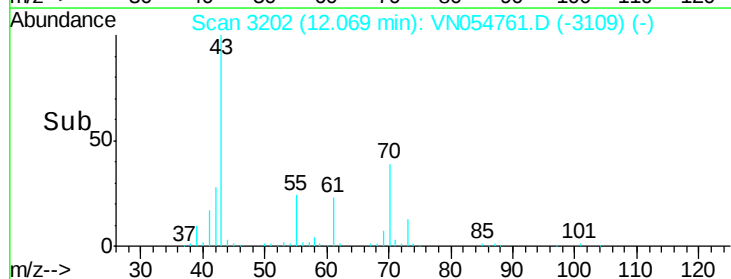
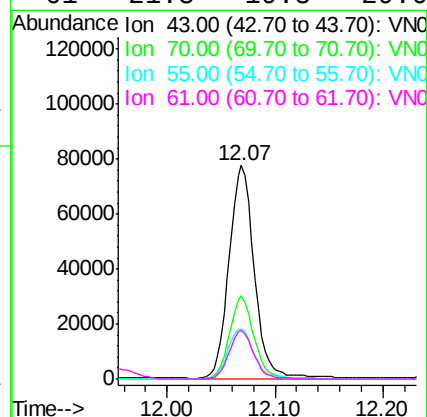
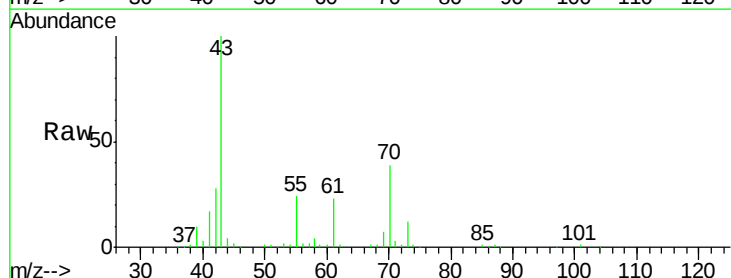
Ion Ratio Lower Upper

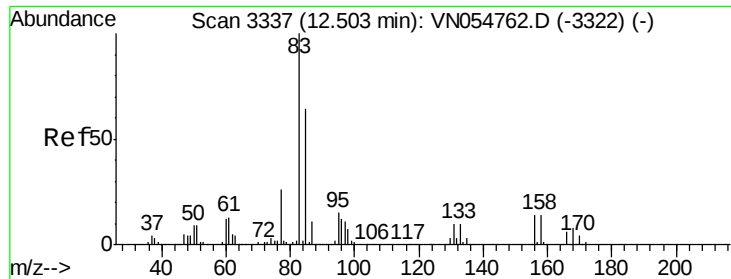
43 100

70 37.7 35.4 53.0

55 24.5 19.8 29.6

61 21.8 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.30 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

Instrument :

MSVOA_N

ClientSampleId :

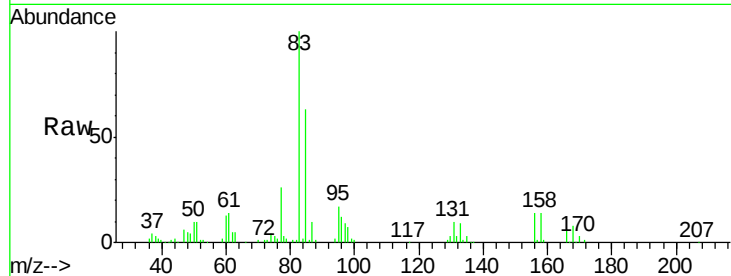
Tot Ion: 83 Resp: 102870

Ion Ratio Lower Upper

83 100

131 9.9 5.8 17.4

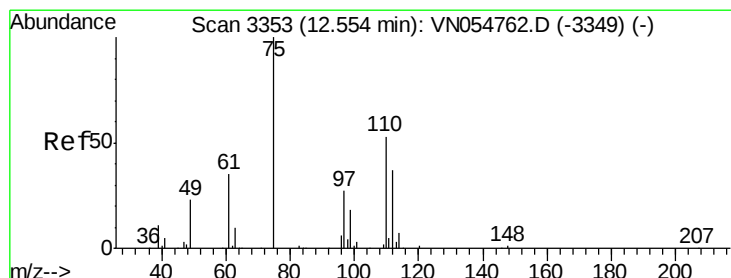
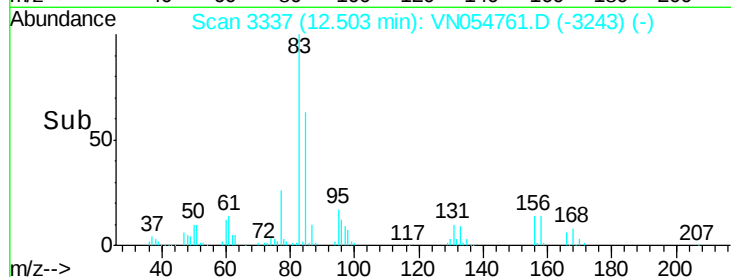
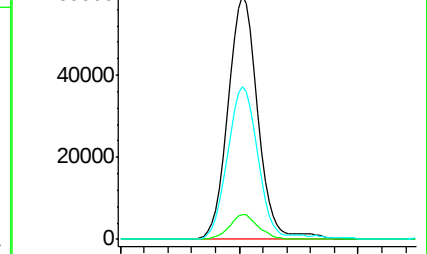
85 63.5 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN054761.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN054761.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN054761.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 30.74 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054761.D

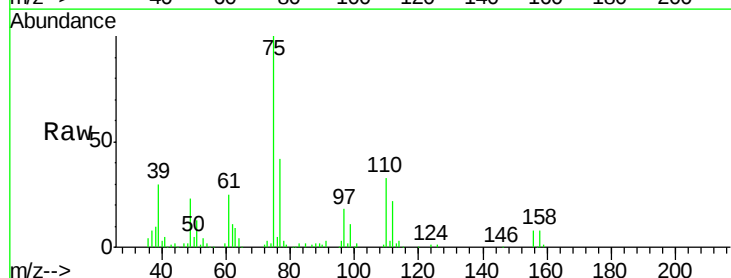
Acq: 29 Mar 2019 10:53

Tgt Ion: 75 Resp: 122992

Ion Ratio Lower Upper

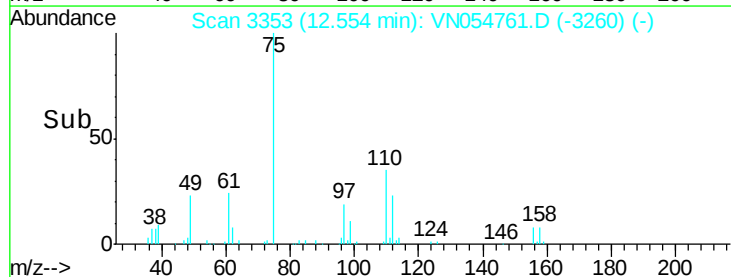
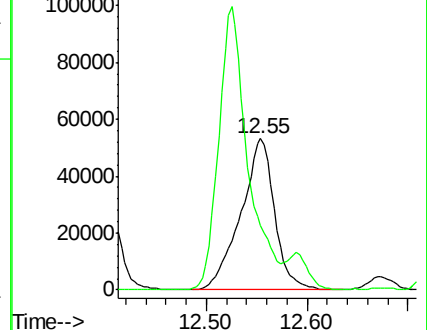
75 100

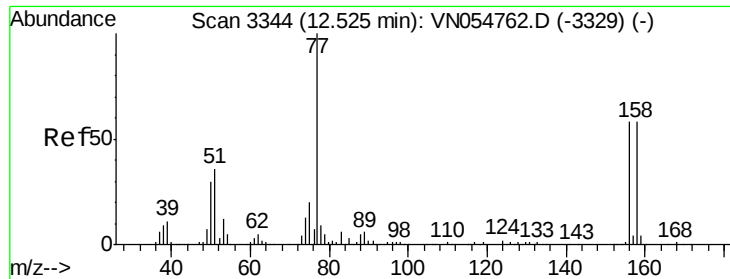
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN054761.D (-3353) (-)

Ion 77.00 (76.70 to 77.70): VN054761.D (-3353) (-)





#77

Bromobenzene

Concen: 19.41 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

Instrument :

MSVOA_N

ClientSampleId :

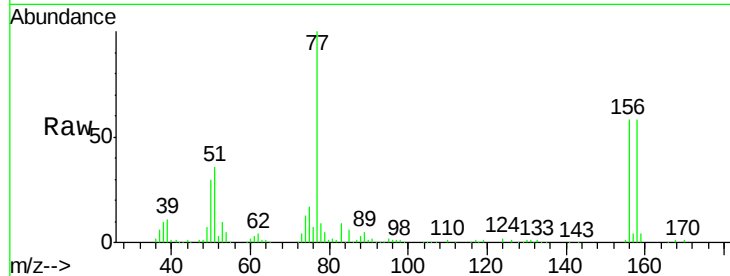
Tot Ion:156 Resp: 102533

Ion Ratio Lower Upper

156 100

77 195.1 81.5 244.4

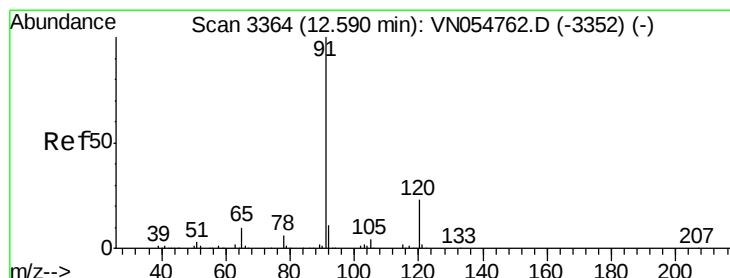
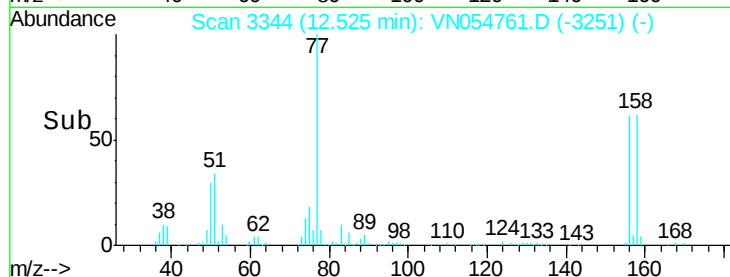
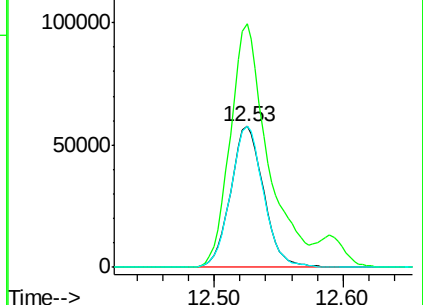
158 99.6 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.69 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054761.D

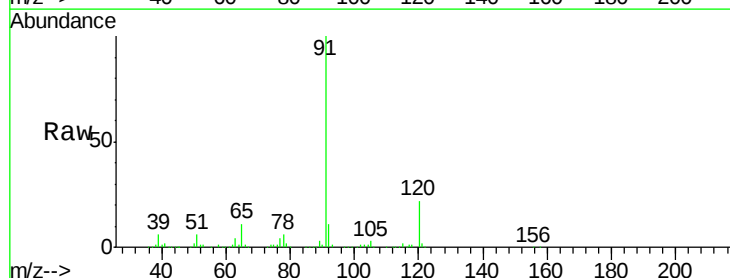
Acq: 29 Mar 2019 10:53

Tgt Ion: 91 Resp: 473804

Ion Ratio Lower Upper

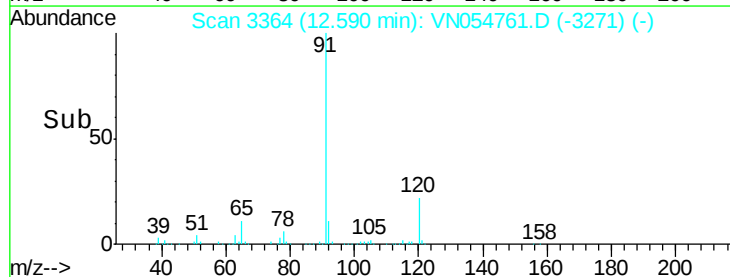
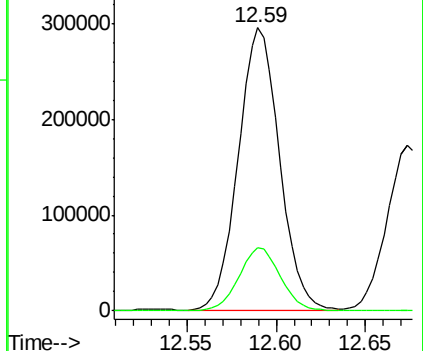
91 100

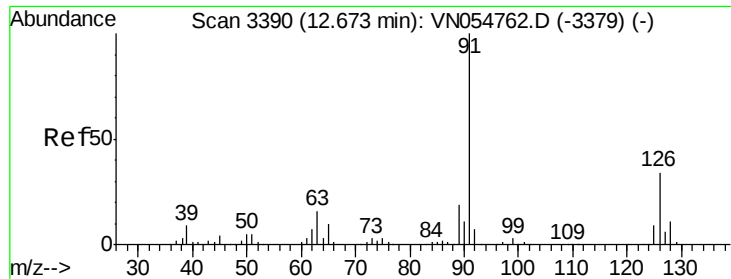
120 22.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.44 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

Instrument :

MSVOA_N

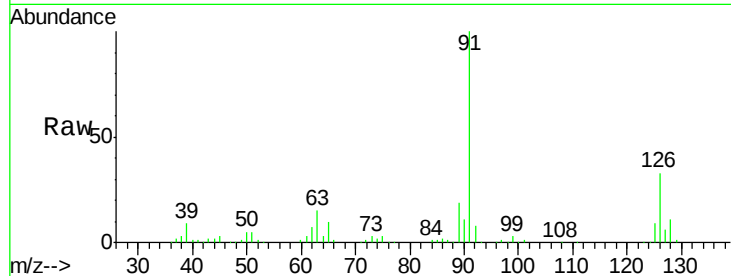
ClientSampled :

Tot Ion: 91 Resp: 289364

Ion Ratio Lower Upper

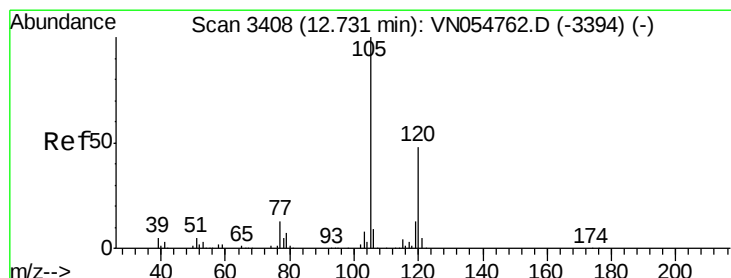
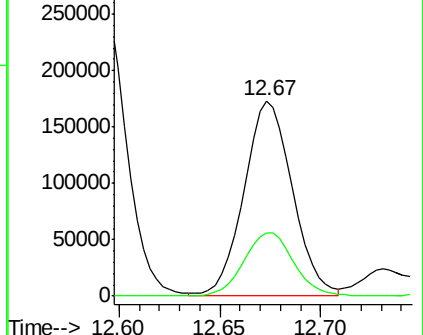
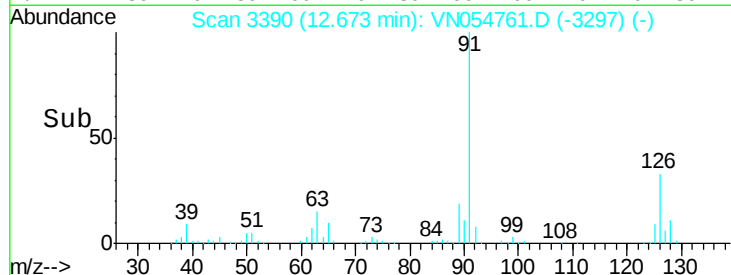
91 100

126 34.0 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VN054761.D (-3297) (-)

Ion 125.90 (125.60 to 126.60): VN054761.D (-3297) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.42 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054761.D

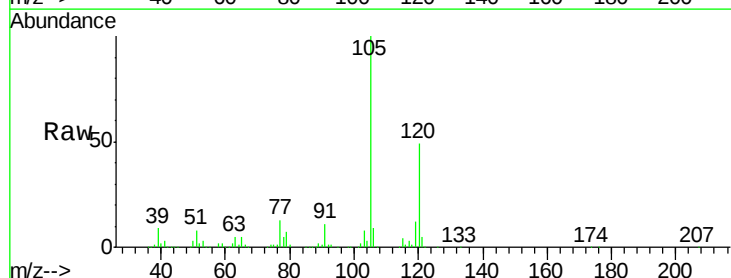
Acq: 29 Mar 2019 10:53

Tgt Ion:105 Resp: 348775

Ion Ratio Lower Upper

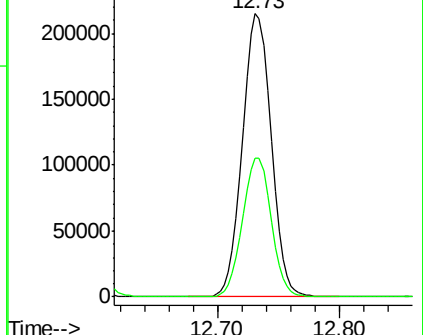
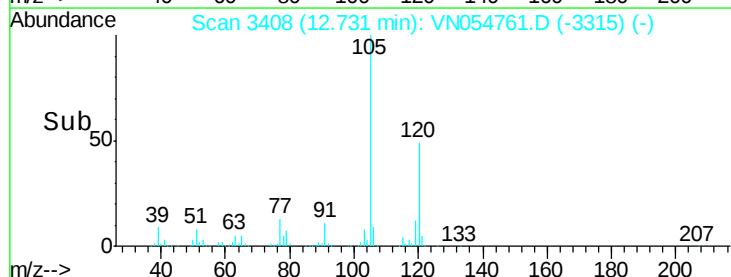
105 100

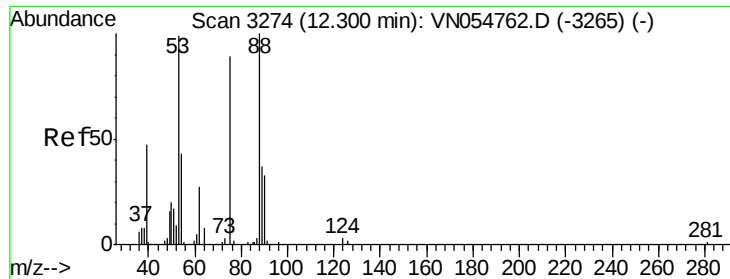
120 48.9 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054761.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN054761.D (-3315) (-)

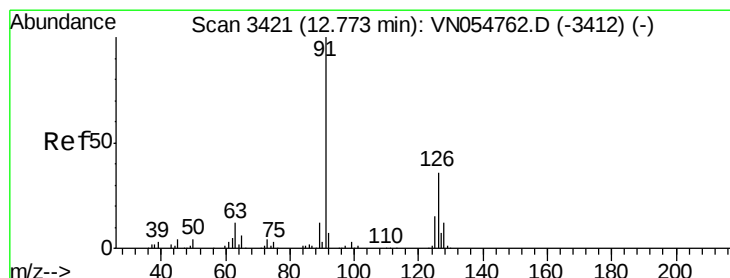
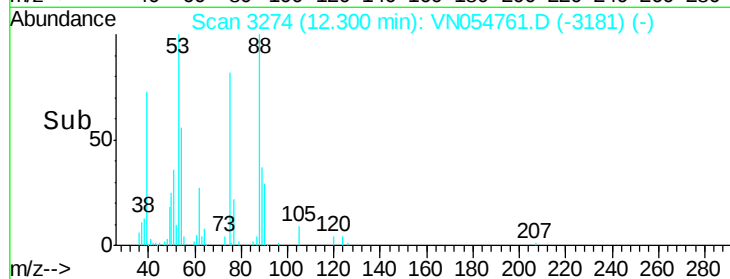
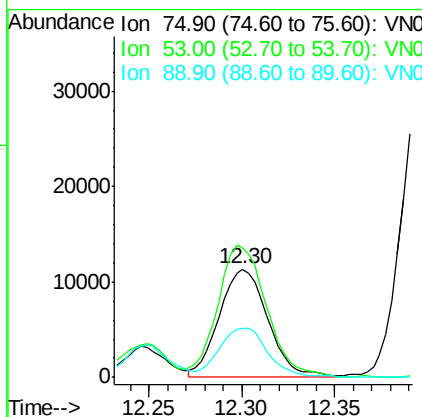
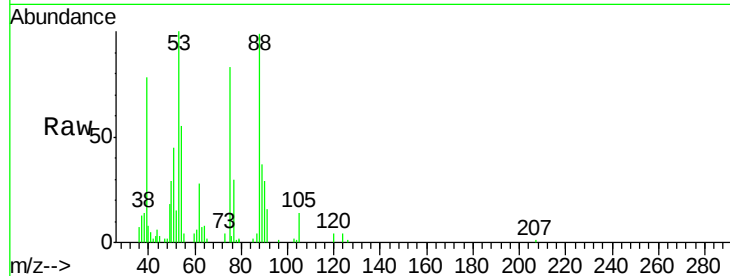




#81
trans-1,4-Dichloro-2-butene
Concen: 17.36 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN054761.D
Acq: 29 Mar 2019 10:53

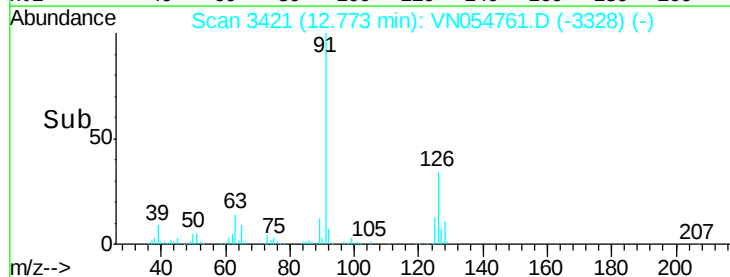
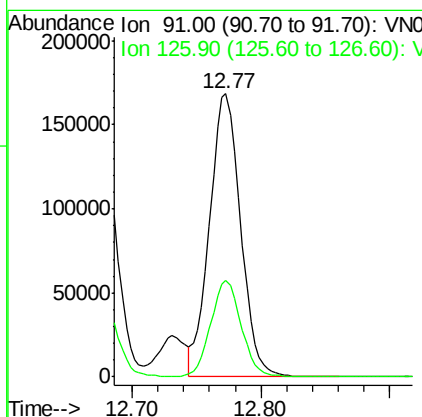
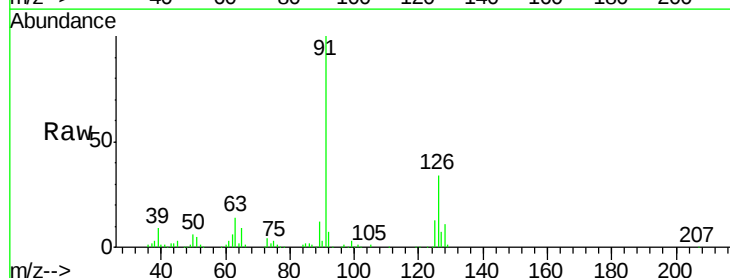
Instrument :
MSVOA_N
ClientSampled :

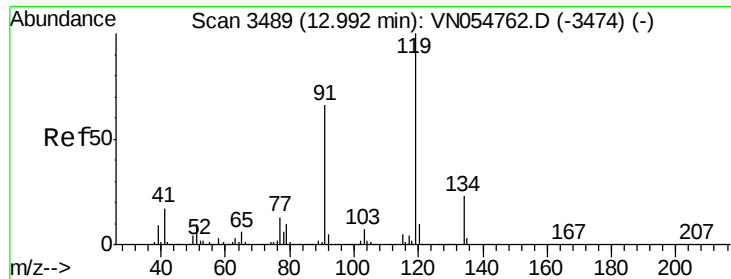
Tot Ion: 75 Resp: 20767
Ion Ratio Lower Upper
75 100
53 122.2 76.2 114.2#
89 42.2 39.2 58.8



#82
4-Chlorotoluene
Concen: 19.45 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN054761.D
Acq: 29 Mar 2019 10:53

Tgt Ion: 91 Resp: 281161
Ion Ratio Lower Upper
91 100
126 33.7 18.1 54.1

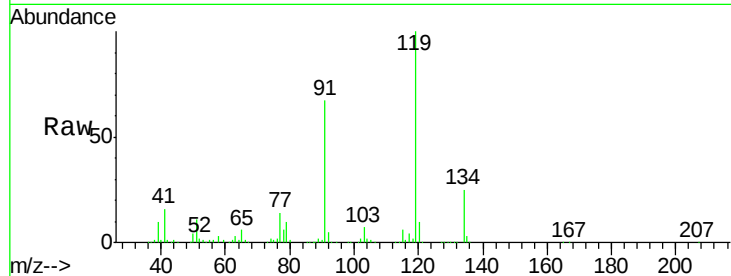




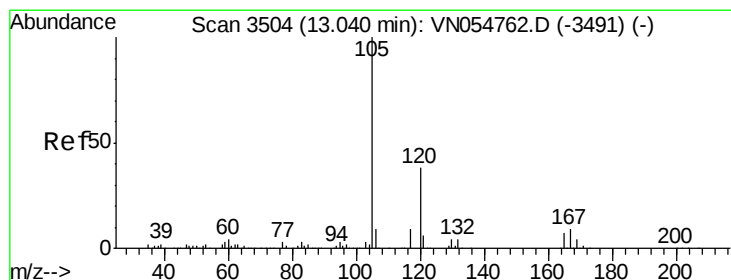
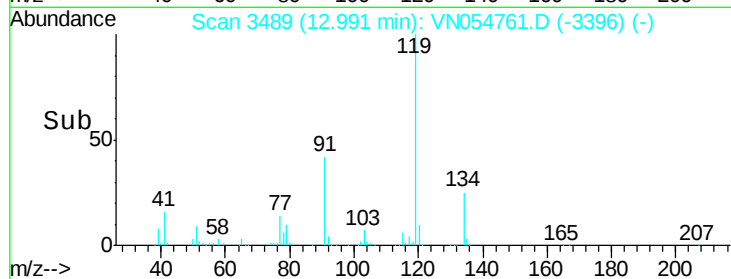
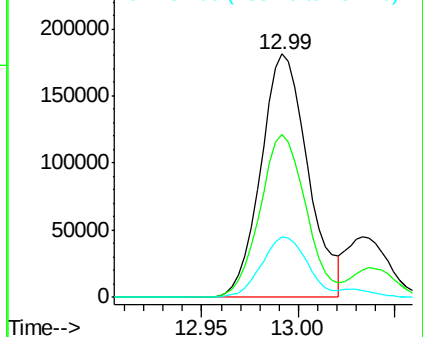
#83
 tert-Butylbenzene
 Concen: 20.79 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN054761.D
 Acq: 29 Mar 2019 10:53

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 306362
 Ion Ratio Lower Upper
 119 100
 91 65.3 30.9 92.8
 134 24.4 13.2 39.6

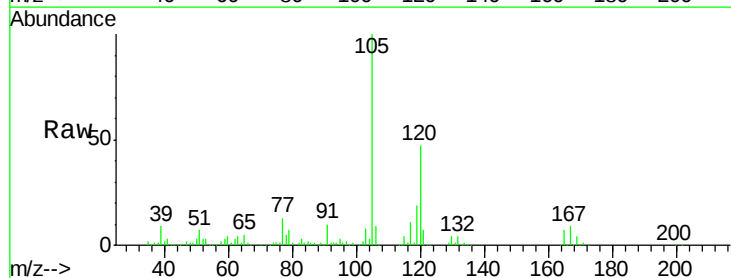


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

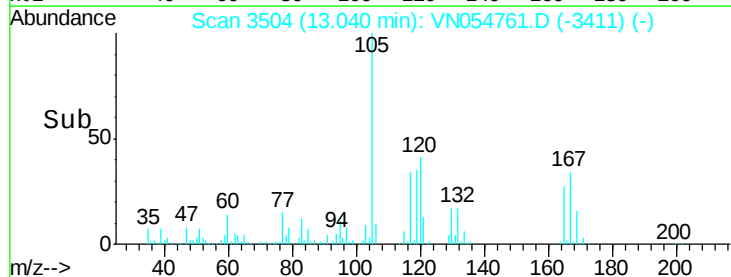
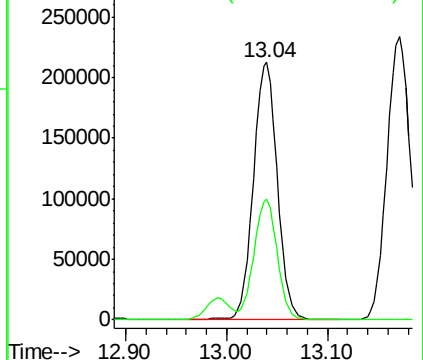


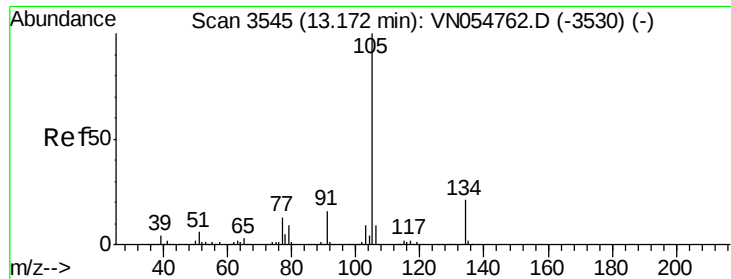
#84
 1,2,4-Trimethylbenzene
 Concen: 20.23 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN054761.D
 Acq: 29 Mar 2019 10:53

Tgt Ion:105 Resp: 346125
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.72 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

Instrument :

MSVOA_N

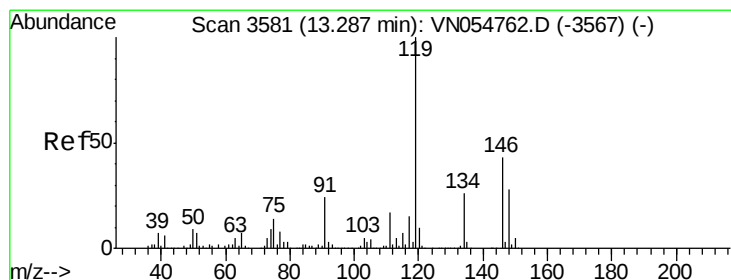
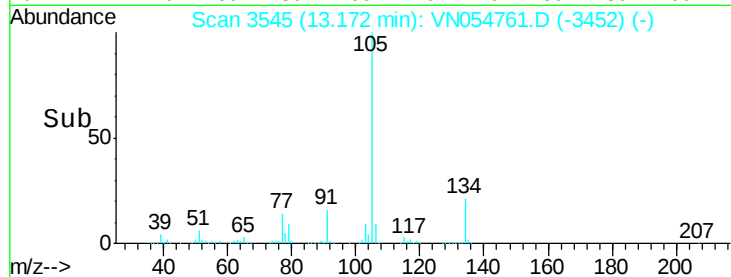
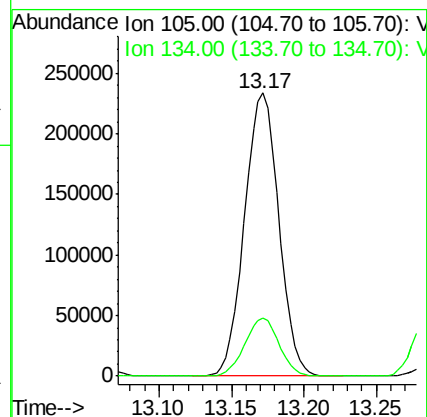
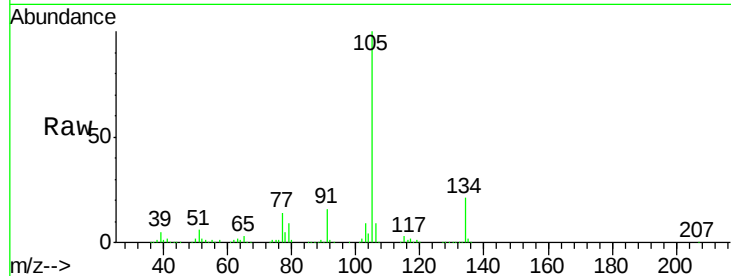
ClientSampleId :

Tot Ion:105 Resp: 384865

Ion Ratio Lower Upper

105 100

134 20.5 10.7 32.1



#86

p-Isopropyltoluene

Concen: 19.69 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

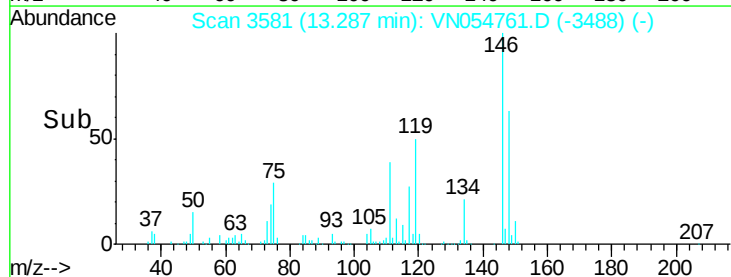
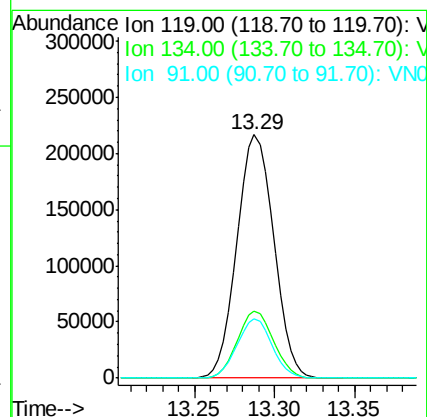
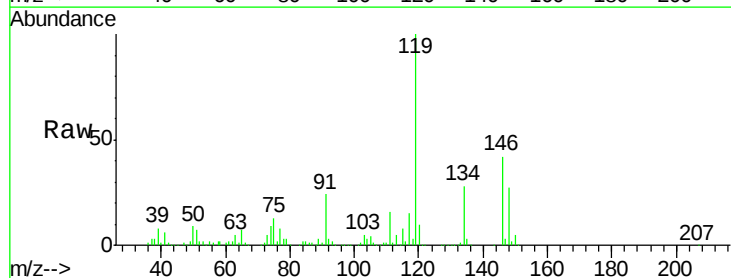
Tgt Ion:119 Resp: 338929

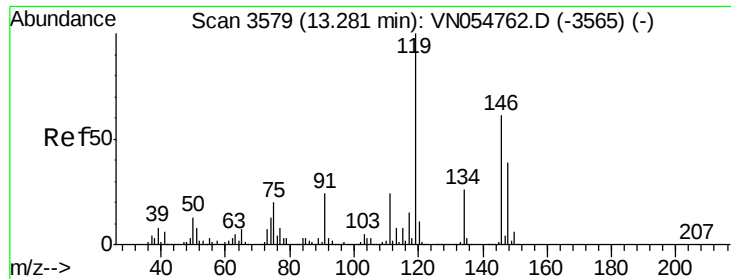
Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

91 23.3 11.1 33.3

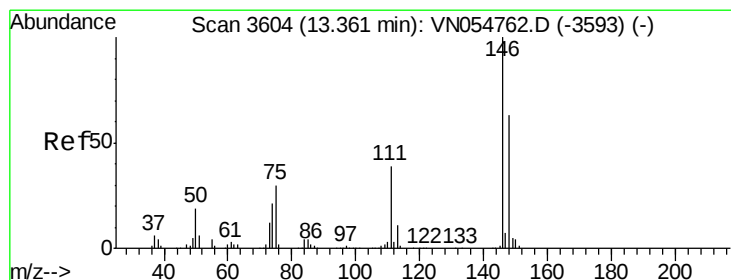
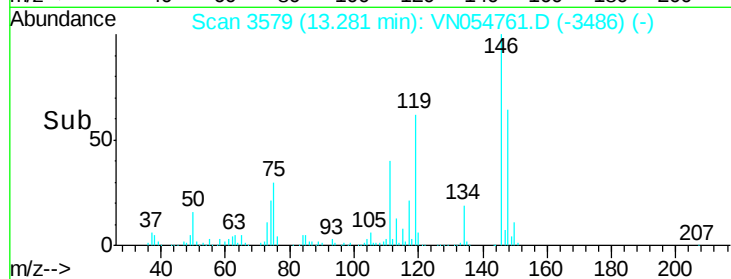
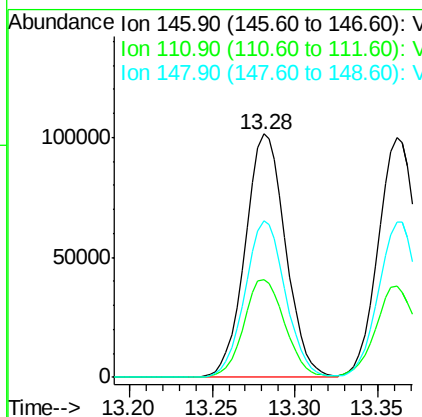
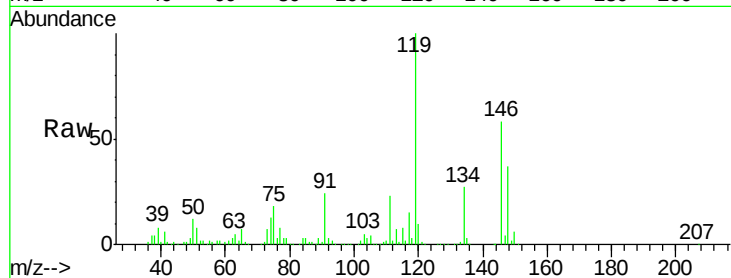




#87
 1,3-Dichlorobenzene
 Concen: 19.37 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN054761.D
 Acq: 29 Mar 2019 10:53

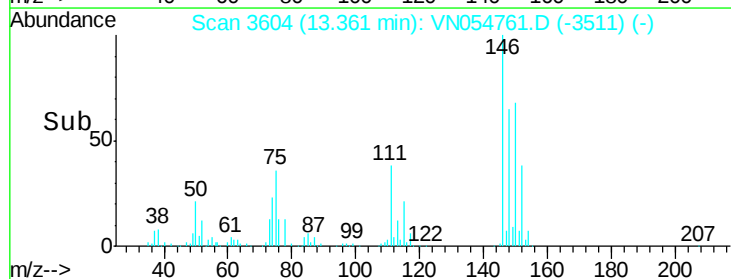
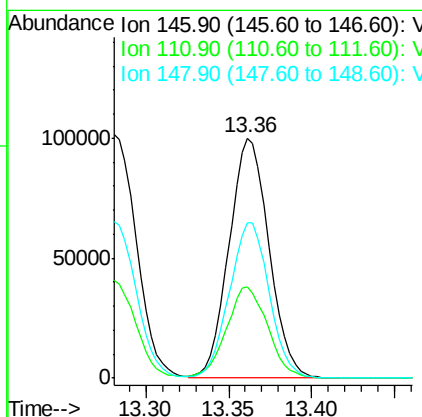
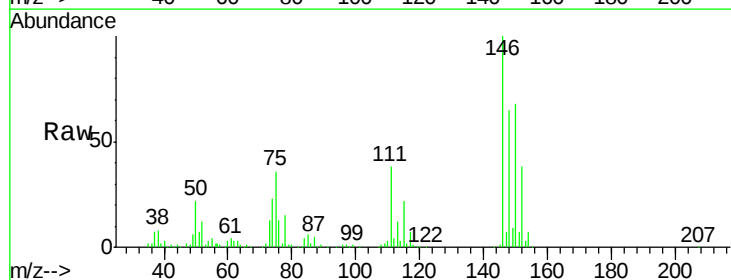
Instrument :
 MSVOA_N
 ClientSampleId :

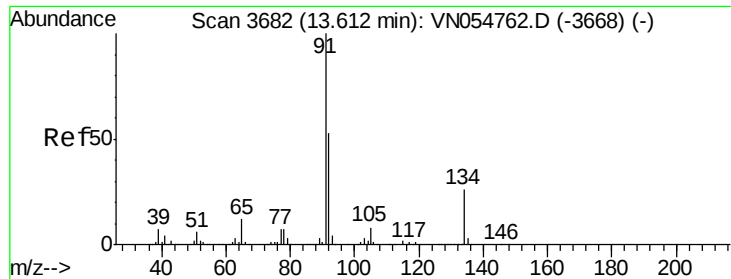
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	18.8	56.3
148	64.5	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.29 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN054761.D
 Acq: 29 Mar 2019 10:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	18.1	54.1
148	64.7	32.0	96.0

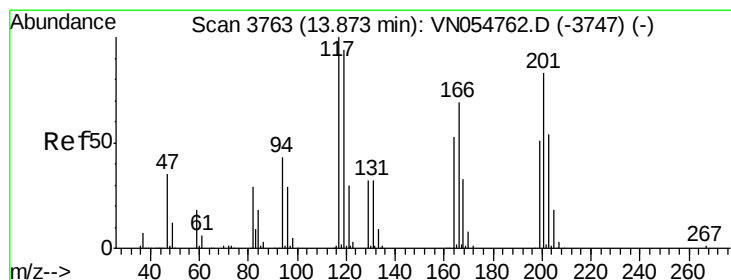
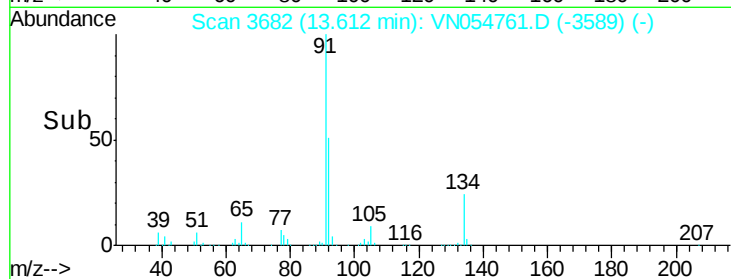
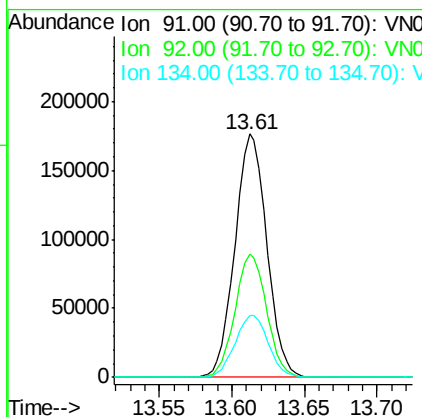
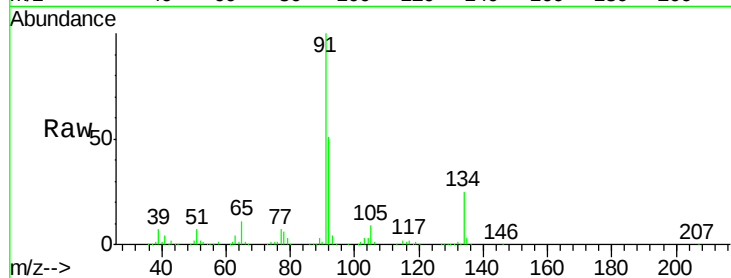




#89
n-Butylbenzene
Concen: 19.21 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN054761.D
Acq: 29 Mar 2019 10:53

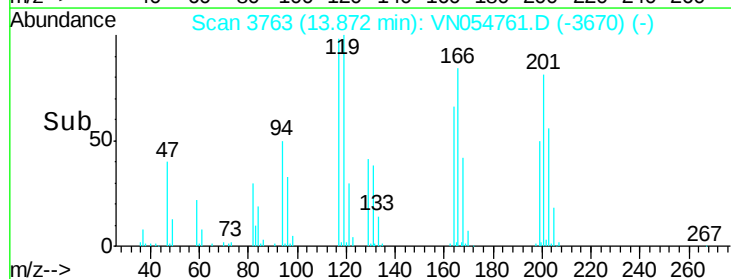
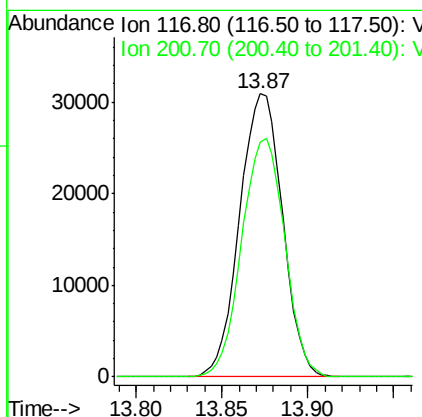
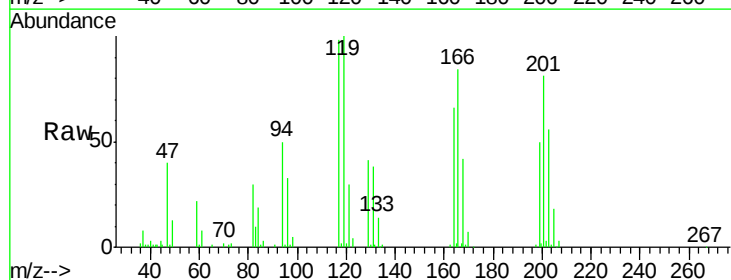
Instrument :
MSVOA_N
ClientSampleId :

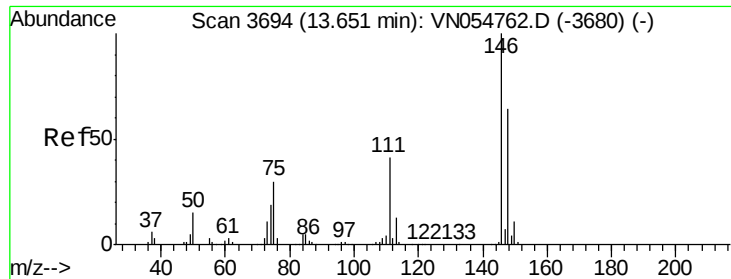
Tot Ion: 91 Resp: 269749
Ion Ratio Lower Upper
91 100
92 50.1 26.2 78.6
134 26.5 14.3 42.9



#90
Hexachloroethane
Concen: 18.34 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN054761.D
Acq: 29 Mar 2019 10:53

Tgt Ion: 117 Resp: 53586
Ion Ratio Lower Upper
117 100
201 84.3 48.1 144.4





#91

1,2-Dichlorobenzene

Concen: 19.29 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

Instrument :

MSVOA_N

ClientSampled :

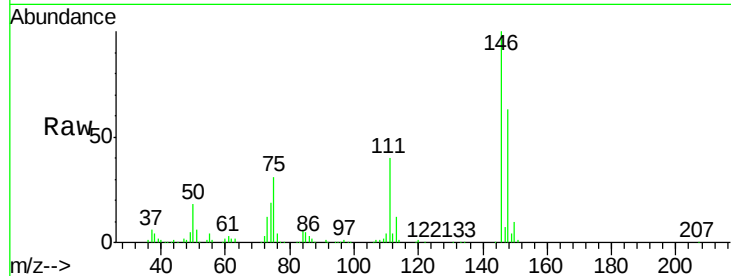
Tot Ion:146 Resp: 172197

Ion Ratio Lower Upper

146 100

111 40.6 19.1 57.3

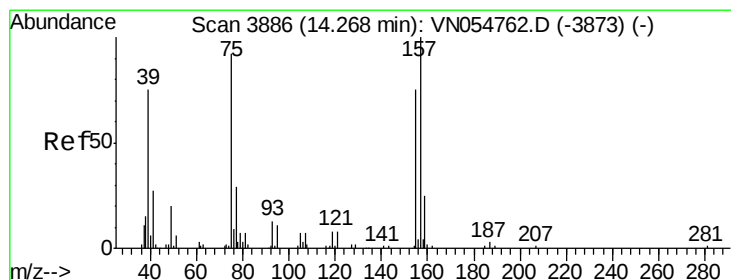
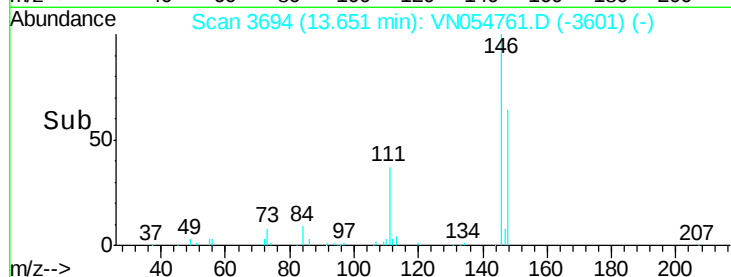
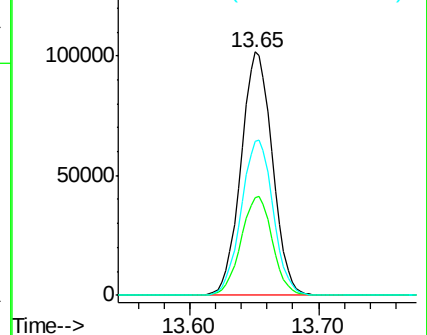
148 64.8 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.35 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

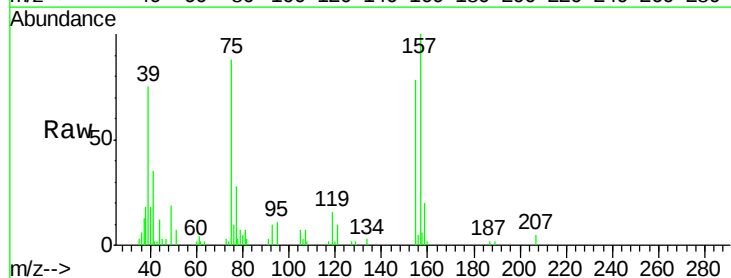
Tgt Ion: 75 Resp: 14484

Ion Ratio Lower Upper

75 100

155 85.3 50.1 150.3

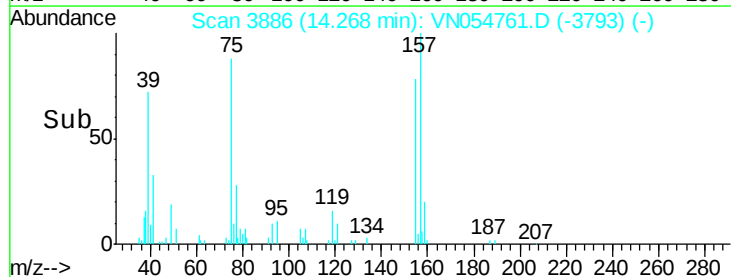
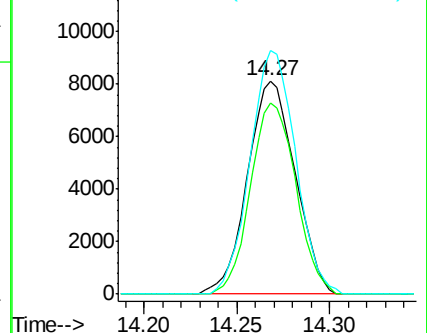
157 109.3 63.1 189.3

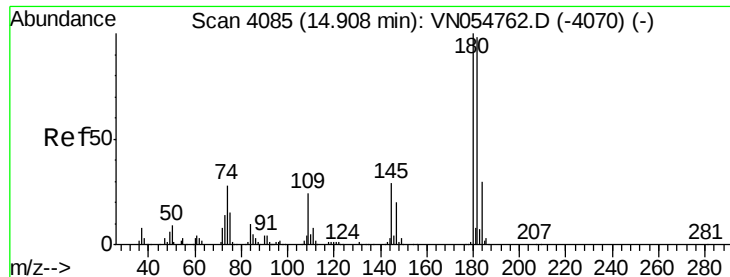


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

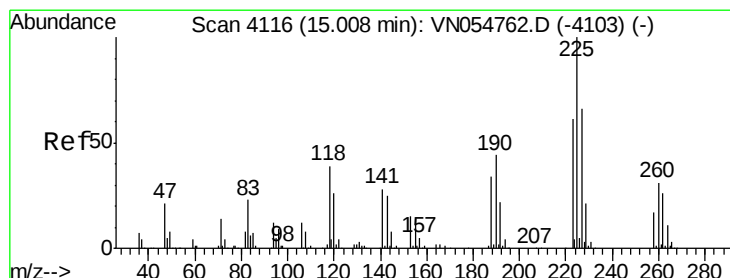
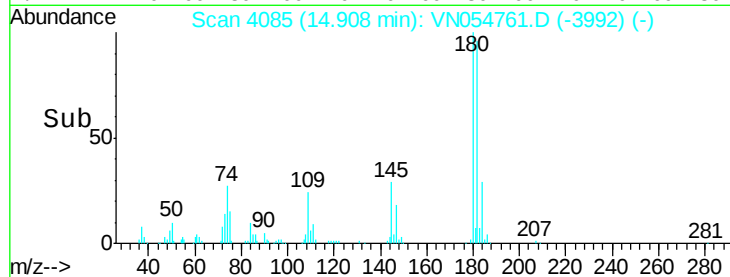
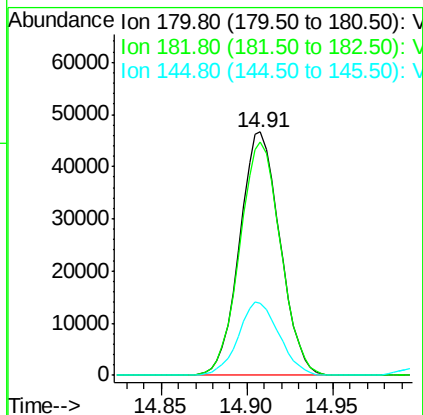
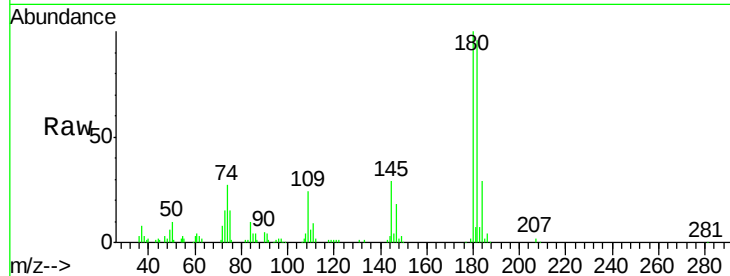




#93
 1,2,4-Trichlorobenzene
 Concen: 17.65 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN054761.D
 Acq: 29 Mar 2019 10:53

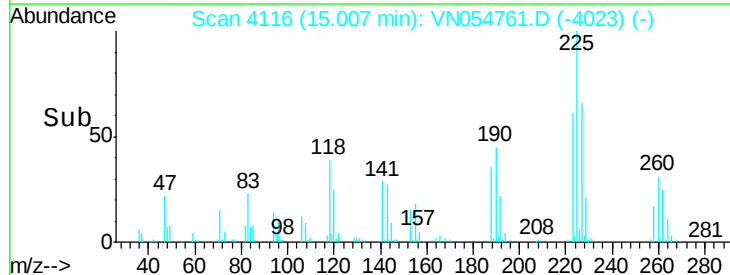
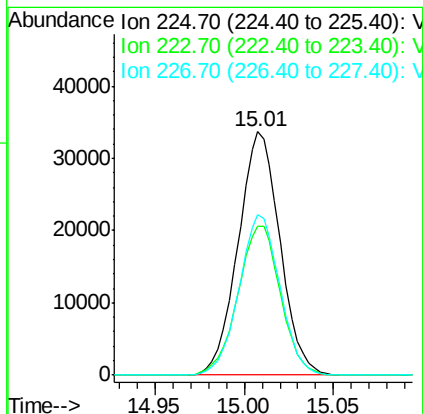
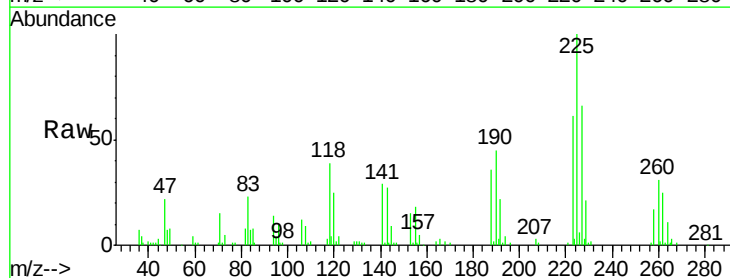
Instrument :
 MSVOA_N
 ClientSampleId :

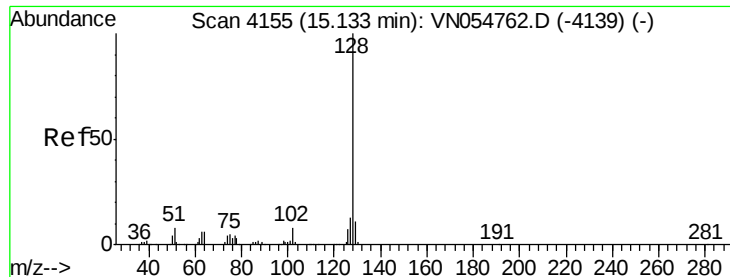
Tot Ion:180 Resp: 75953
 Ion Ratio Lower Upper
 180 100
 182 97.1 48.0 144.2
 145 30.5 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 20.39 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN054761.D
 Acq: 29 Mar 2019 10:53

Tgt Ion:225 Resp: 55133
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.1 93.5
 227 64.4 31.9 95.9





#95

Naphthalene

Concen: 17.39 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

Instrument :

MSVOA_N

ClientSampleId :

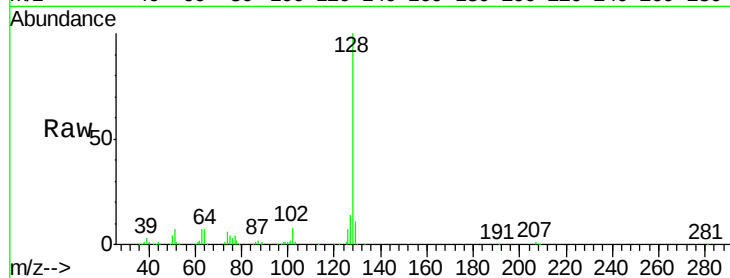
Tot Ion:128 Resp: 167839

Ion Ratio Lower Upper

128 100

127 13.4 10.1 15.1

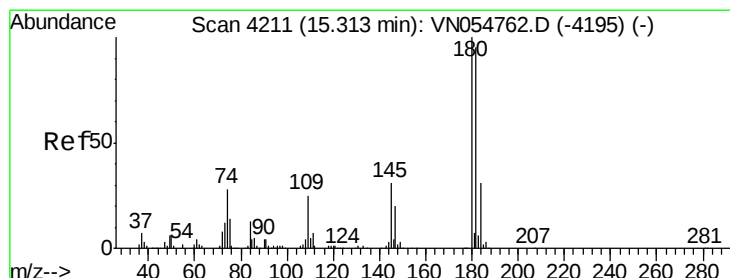
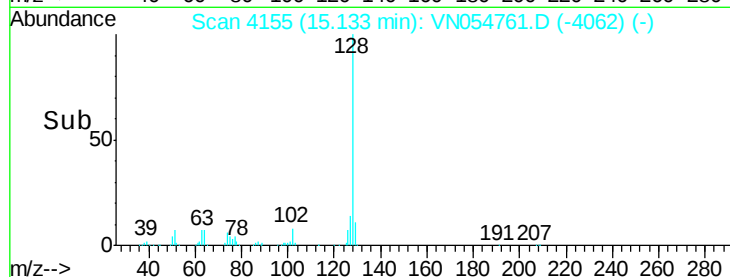
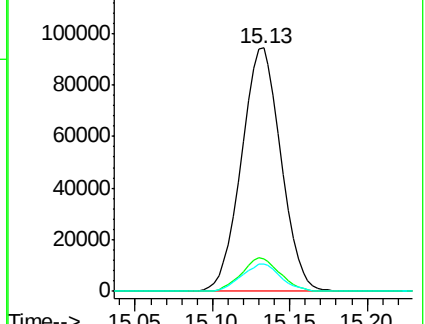
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.49 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN054761.D

Acq: 29 Mar 2019 10:53

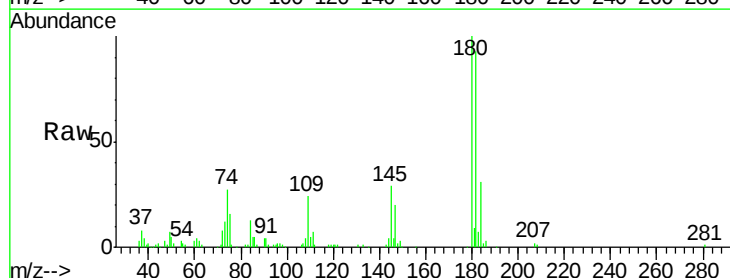
Tgt Ion:180 Resp: 80386

Ion Ratio Lower Upper

180 100

182 94.2 47.5 142.6

145 30.7 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

