

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032919\
 Data File : VN054769.D
 Acq On : 29 Mar 2019 14:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 30 03:07:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	455677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	719364	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	638679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	291933	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	296401	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	7.59	113	237766	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
50) Toluene-d8	10.09	98	888254	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
62) 4-Bromofluorobenzene	12.40	95	311039	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	222059	48.178	ug/l	100
3) Chloromethane	2.06	50	301136	47.251	ug/l	98
4) Vinyl Chloride	2.19	62	271716	47.477	ug/l	99
5) Bromomethane	2.57	94	156522	52.266	ug/l	95
6) Chloroethane	2.71	64	152907	47.847	ug/l	98
7) Trichlorofluoromethane	3.02	101	345159	49.055	ug/l	99
8) Diethyl Ether	3.41	74	112016	49.441	ug/l	69
9) 1,1,2-Trichlorotrifluoroet	3.75	101	184097	49.702	ug/l	93
10) Methyl Iodide	3.94	142	252607	49.817	ug/l #	87
11) Tert butyl alcohol	4.82	59	86581	270.529	ug/l	99
12) 1,1-Dichloroethene	3.73	96	174637	48.755	ug/l #	72
13) Acrolein	3.61	56	78712	275.108	ug/l	97
14) Allyl chloride	4.32	41	440860	49.969	ug/l #	90
15) Acrylonitrile	4.99	53	461547	259.456	ug/l	100
16) Acetone	3.82	43	412535	281.631	ug/l #	83
17) Carbon Disulfide	4.04	76	573741	49.386	ug/l	99
18) Methyl Acetate	4.33	43	204254	53.601	ug/l #	88
19) Methyl tert-butyl Ether	5.05	73	638337	50.947	ug/l	96
20) Methylene Chloride	4.55	84	245573	47.528	ug/l #	81
21) trans-1,2-Dichloroethene	5.04	96	231561	49.218	ug/l	85
22) Diisopropyl ether	5.96	45	878294	50.333	ug/l #	94
23) Vinyl Acetate	5.90	43	3260616	268.510	ug/l #	92
24) 1,1-Dichloroethane	5.85	63	460084	49.427	ug/l	97
25) 2-Butanone	6.85	43	621385	286.979	ug/l #	87
26) 2,2-Dichloropropane	6.82	77	342917	52.561	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	262647	49.418	ug/l	86
28) Bromochloromethane	7.19	49	242495	52.099	ug/l #	70
29) Tetrahydrofuran	7.22	42	391859	260.565	ug/l #	84
30) Chloroform	7.37	83	441285	49.717	ug/l	100
31) Cyclohexane	7.65	56	449939	53.180	ug/l	85
32) 1,1,1-Trichloroethane	7.57	97	372116	50.589	ug/l	95
36) 1,1-Dichloropropene	7.79	75	341586	50.960	ug/l	96
37) Ethyl Acetate	6.94	43	258965	52.683	ug/l	95
38) Carbon Tetrachloride	7.77	117	325800	50.042	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	393211	53.358	ug/l	88
40) Benzene	8.04	78	995925	51.925	ug/l	99
41) Methacrylonitrile	7.17	41	148191	53.667	ug/l	90
42) 1,2-Dichloroethane	8.13	62	352633	51.491	ug/l	97
43) Isopropyl Acetate	8.17	43	447179	55.988	ug/l #	94
44) Trichloroethene	8.83	130	261641	52.550	ug/l	91
45) 1,2-Dichloropropane	9.12	63	280453	51.280	ug/l	97
46) Dibromomethane	9.21	93	157712	51.263	ug/l	89
47) Bromodichloromethane	9.40	83	338641	52.963	ug/l	98
48) Methyl methacrylate	9.20	41	232280	53.649	ug/l	87
49) 1,4-Dioxane	9.20	88	51865	1207.310	ug/l #	86
51) 4-Methyl-2-Pentanone	9.99	43	1255439	279.575	ug/l	93
52) Toluene	10.16	92	594708	52.108	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	333587	55.463	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	397724	55.357	ug/l #	90
55) 1,1,2-Trichloroethane	10.56	97	220787	52.026	ug/l	96
56) Ethyl methacrylate	10.43	69	308607	55.436	ug/l #	84
57) 1,3-Dichloropropane	10.71	76	390387	53.508	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	619250	257.895	ug/l	89
59) 2-Hexanone	10.75	43	828123	288.077	ug/l	91
60) Dibromochloromethane	10.90	129	238243	55.421	ug/l	100
61) 1,2-Dibromoethane	11.00	107	216492	53.382	ug/l	99
64) Tetrachloroethene	10.63	164	250394	51.090	ug/l	97
65) Chlorobenzene	11.43	112	630126	50.391	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	237004	50.637	ug/l	99
67) Ethyl Benzene	11.51	91	1159640	51.391	ug/l	98
68) m/p-Xylenes	11.62	106	868457	104.000	ug/l	94
69) o-Xylene	11.95	106	417990	51.046	ug/l	95
70) Styrene	11.96	104	703614	53.741	ug/l	97
71) Bromoform	12.13	173	150729	54.971	ug/l #	99
73) Isopropylbenzene	12.25	105	1112974	46.643	ug/l	98
74) N-amyl acetate	12.07	43	371648	49.994	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.50	83	274293	52.222	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	338631	66.771	ug/l #	100
77) Bromobenzene	12.53	156	273555	47.502	ug/l	85
78) n-propylbenzene	12.59	91	1282356	48.896	ug/l	96
79) 2-Chlorotoluene	12.67	91	771676	47.560	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	936823	47.848	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	66875	51.291	ug/l	84
82) 4-Chlorotoluene	12.77	91	771622	48.962	ug/l	96
83) tert-Butylbenzene	12.99	119	791108	52.242	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	927773	49.739	ug/l	97
85) sec-Butylbenzene	13.17	105	1037062	48.759	ug/l	98
86) p-Isopropyltoluene	13.29	119	931504	49.656	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	479710	49.753	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	463422	49.005	ug/l	98
89) n-Butylbenzene	13.61	91	802962	52.463	ug/l	98
90) Hexachloroethane	13.87	117	152645	47.926	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	468455	48.142	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	42837	52.514	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	246203	52.482	ug/l	99
94) Hexachlorobutadiene	15.01	225	154681	55.924	ug/l	99
95) Naphthalene	15.13	128	534666	50.816	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	241905	51.059	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

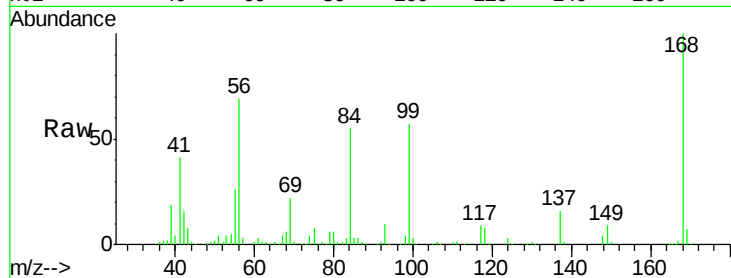
VSTDCCC050

Tgt Ion:168 Resp: 455677

Ion Ratio Lower Upper

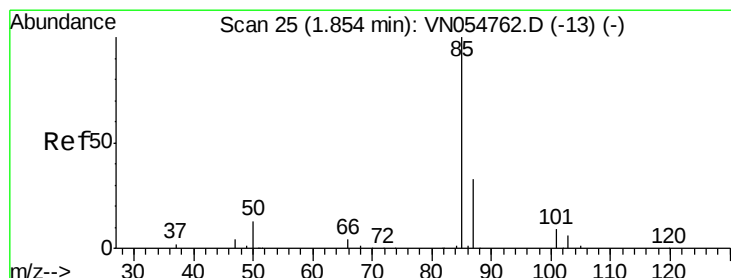
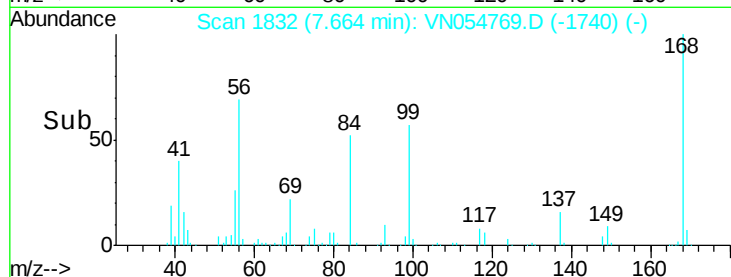
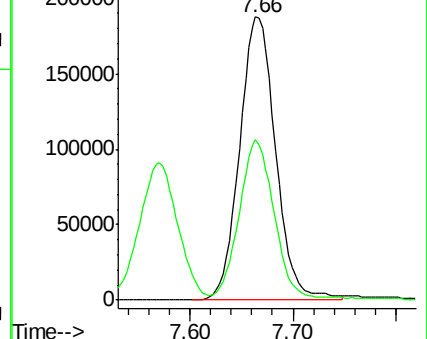
168 100

99 55.9 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: 48.178 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN054769.D

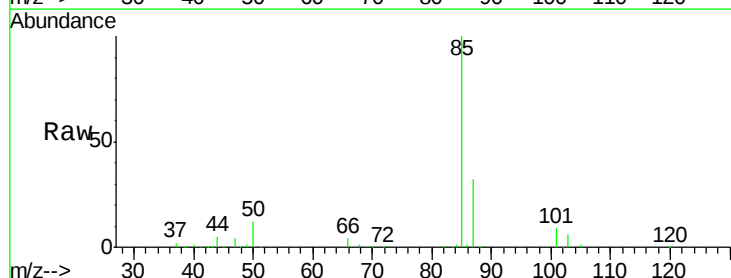
Acq: 29 Mar 2019 14:44

Tgt Ion: 85 Resp: 222059

Ion Ratio Lower Upper

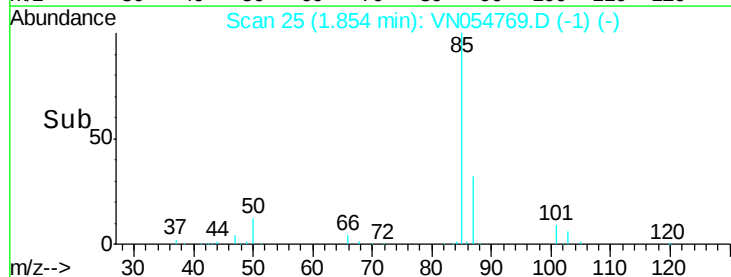
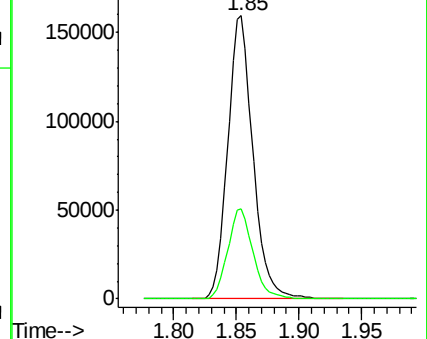
85 100

87 31.8 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: 47.251 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

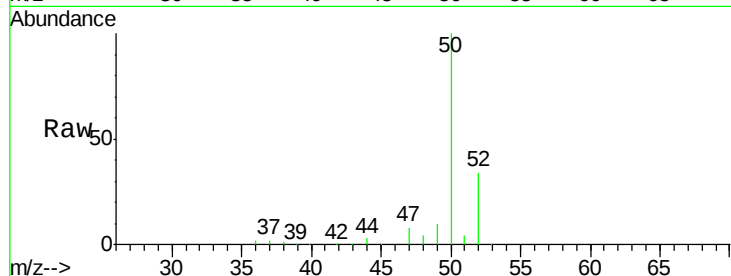
VSTDCCC050

Tgt Ion: 50 Resp: 301136

Ion Ratio Lower Upper

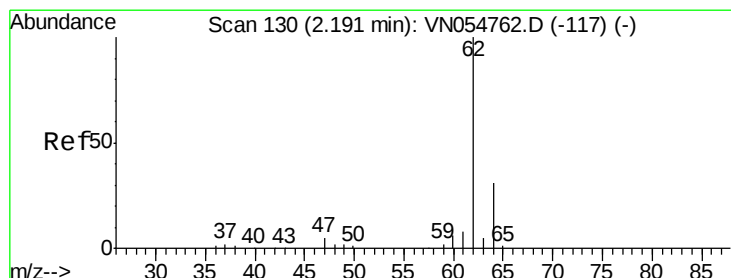
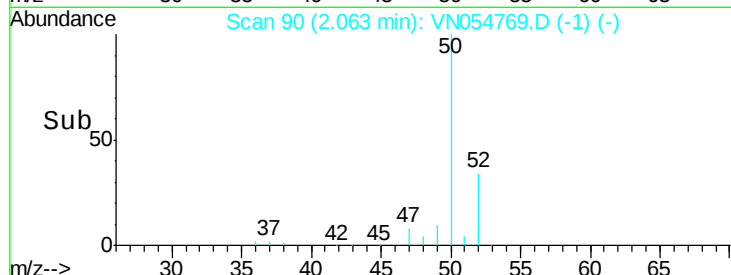
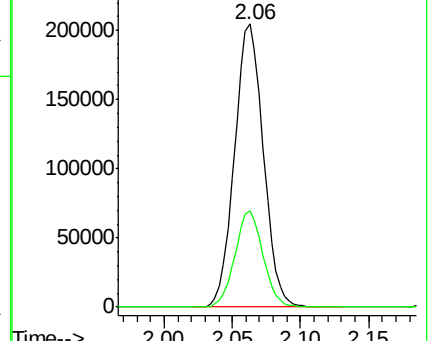
50 100

52 34.0 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 47.477 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN054769.D

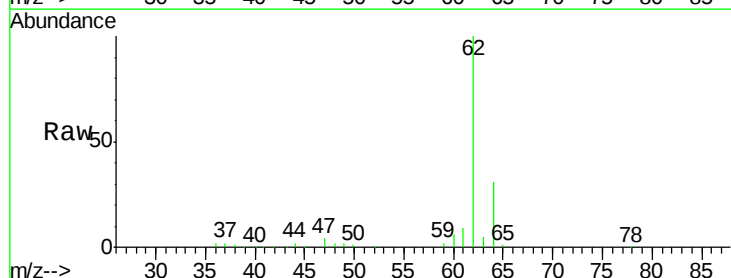
Acq: 29 Mar 2019 14:44

Tgt Ion: 62 Resp: 271716

Ion Ratio Lower Upper

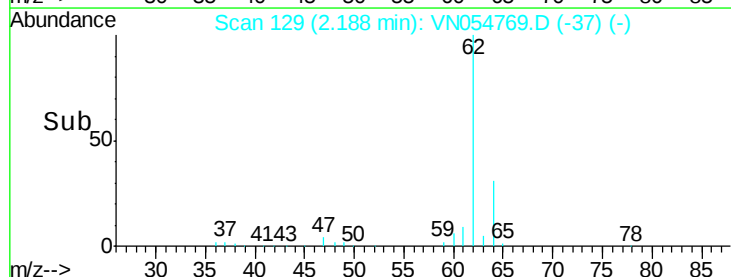
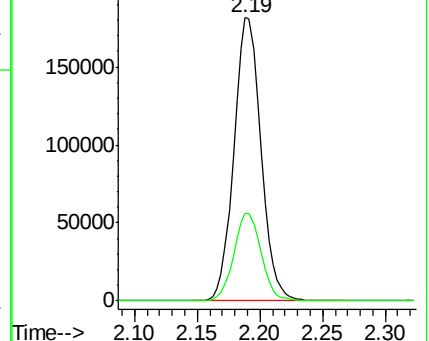
62 100

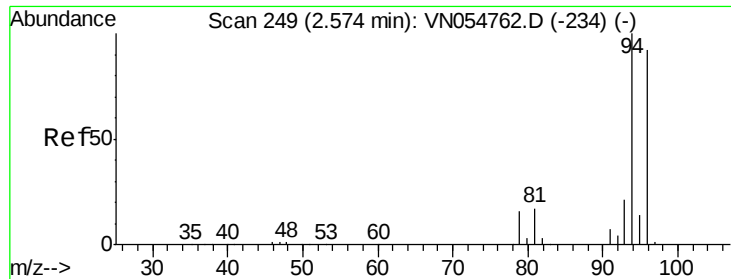
64 31.1 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 52.266 ug/l

RT: 2.57 min Scan# 248

Delta R.T. -0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

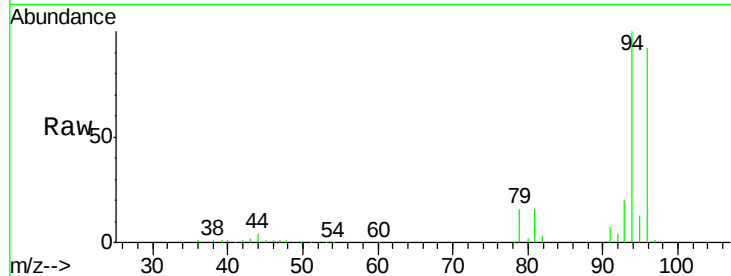
VSTDCCC050

Tgt Ion: 94 Resp: 156522

Ion Ratio Lower Upper

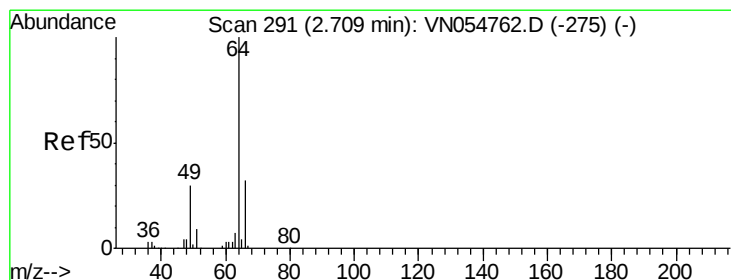
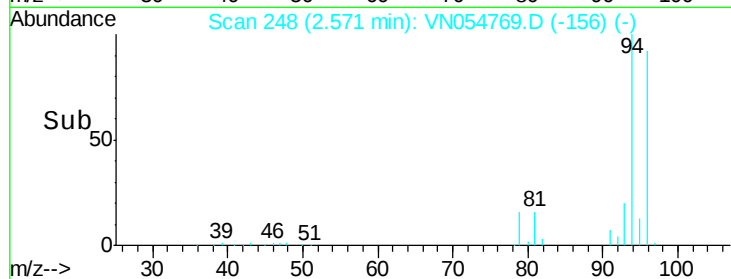
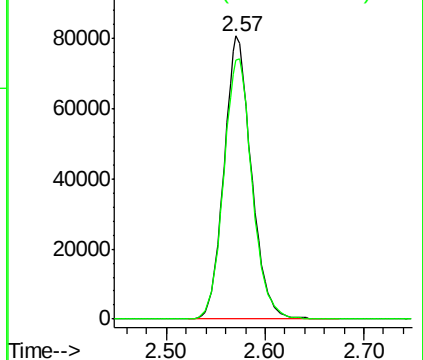
94 100

96 91.5 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 47.847 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN054769.D

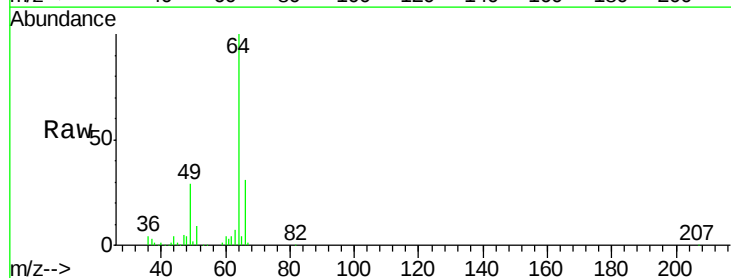
Acq: 29 Mar 2019 14:44

Tgt Ion: 64 Resp: 152907

Ion Ratio Lower Upper

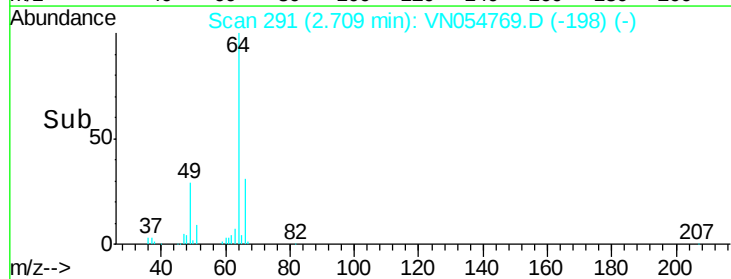
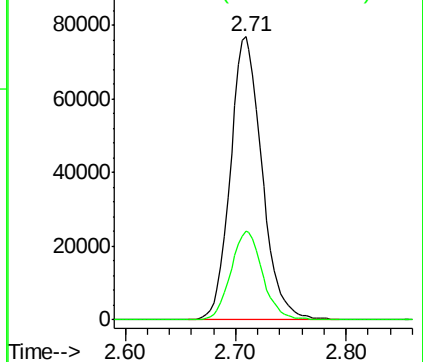
64 100

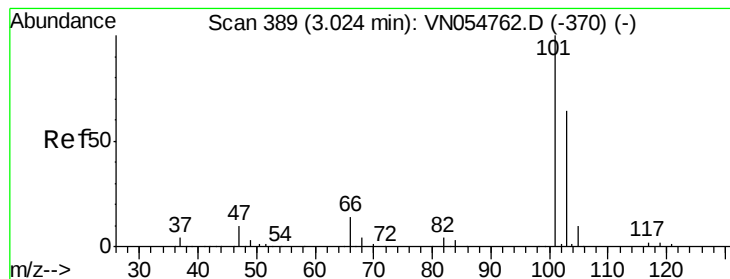
66 31.2 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



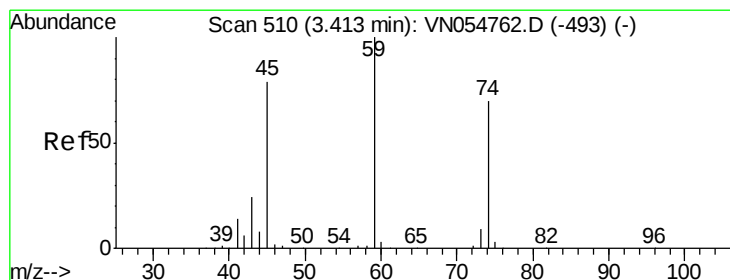
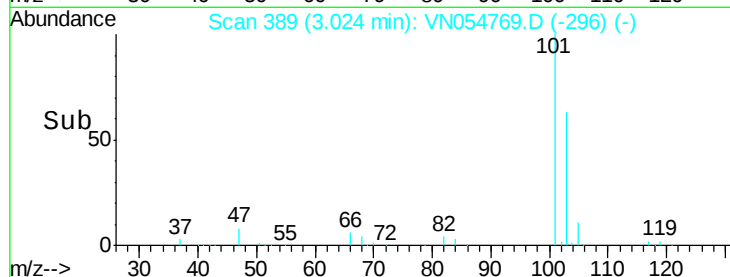
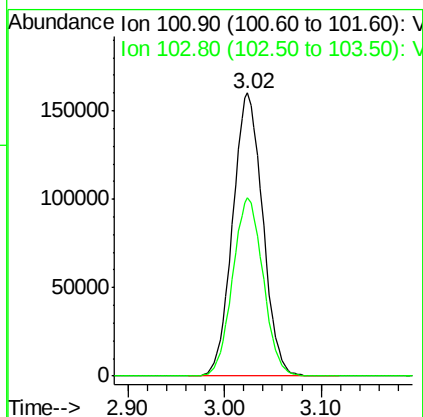
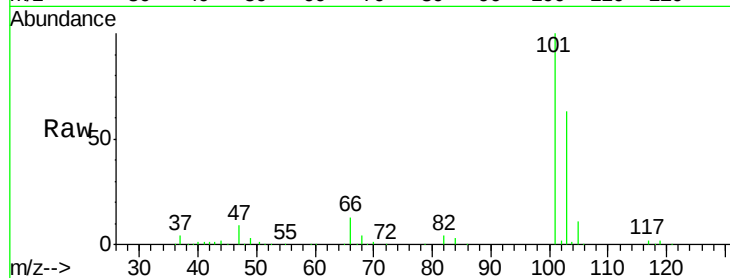


#7

Trichlorofluoromethane
 Concen: 49.055 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN054769.D
 Acq: 29 Mar 2019 14:44

Instrument :
 MSVOA_N
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 VSTDCCC050

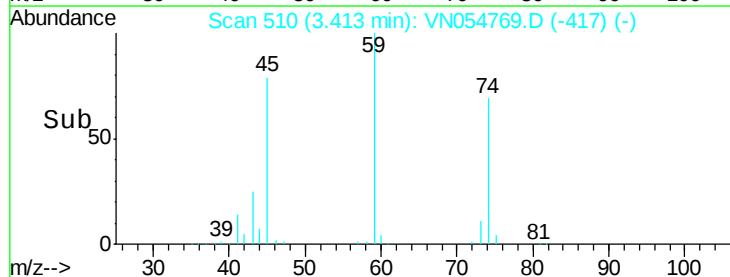
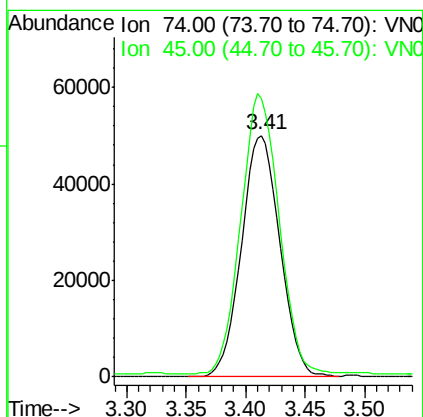
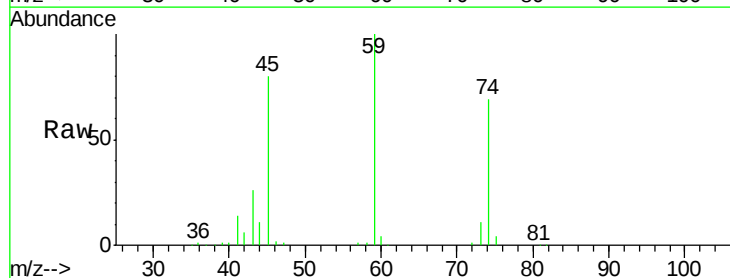
Tgt Ion:101 Resp: 345159
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.4 77.2

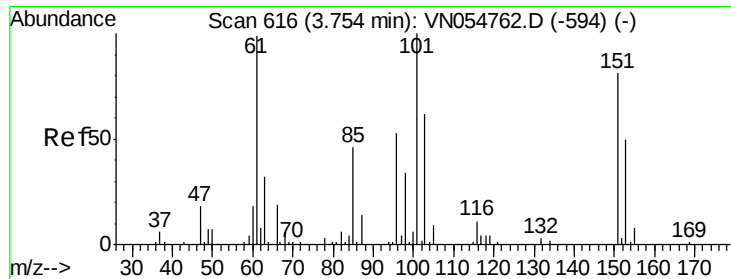


#8

Diethyl Ether
 Concen: 49.441 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN054769.D
 Acq: 29 Mar 2019 14:44

Tgt Ion: 74 Resp: 112016
 Ion Ratio Lower Upper
 74 100
 45 115.0 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.702 ug/l

RT: 3.75 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

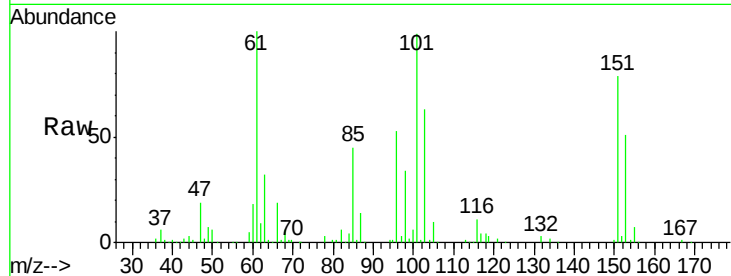
Tgt Ion:101 Resp: 184097

Ion Ratio Lower Upper

101 100

85 46.1 32.4 48.6

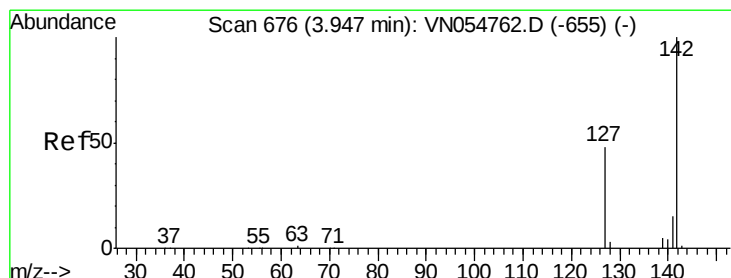
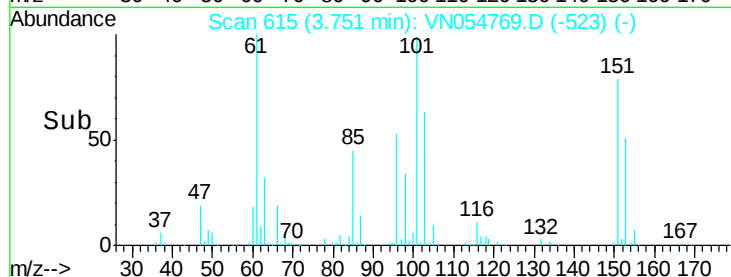
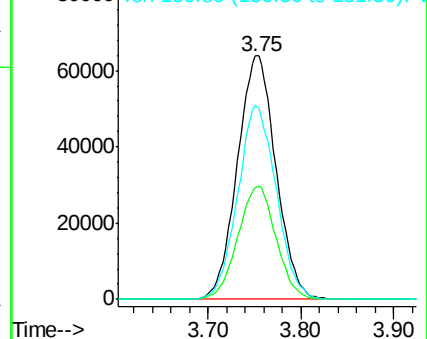
151 79.6 68.2 102.2



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: 49.817 ug/l

RT: 3.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

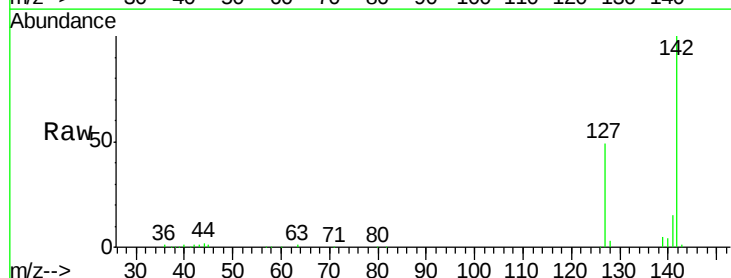
Tgt Ion:142 Resp: 252607

Ion Ratio Lower Upper

142 100

127 48.2 30.3 45.5#

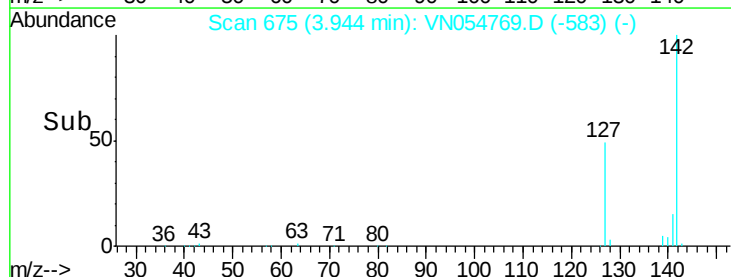
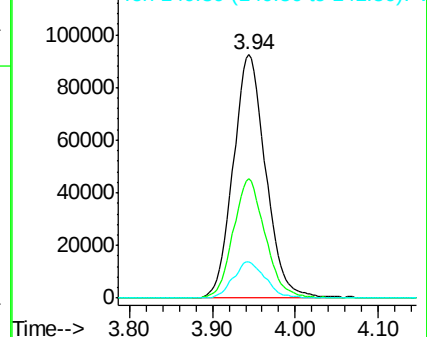
141 14.8 11.2 16.8

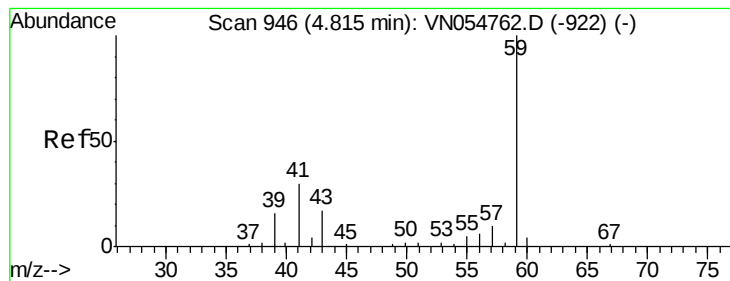


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



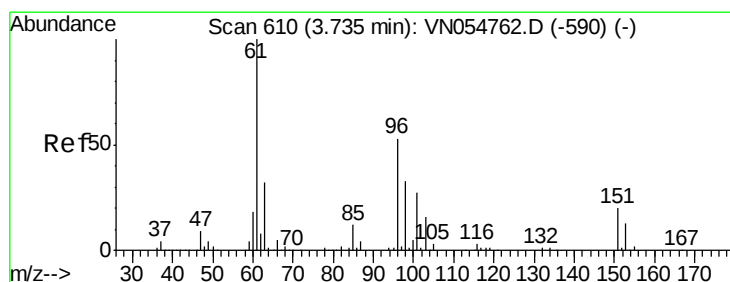
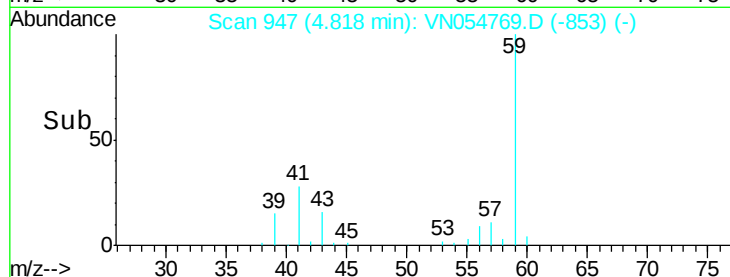
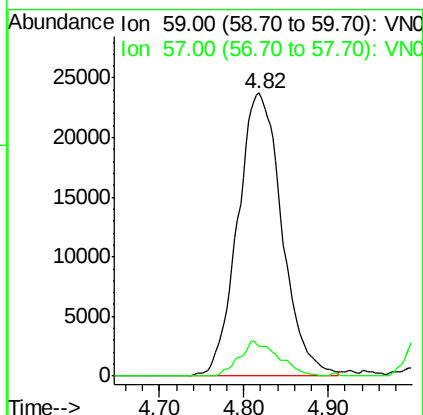
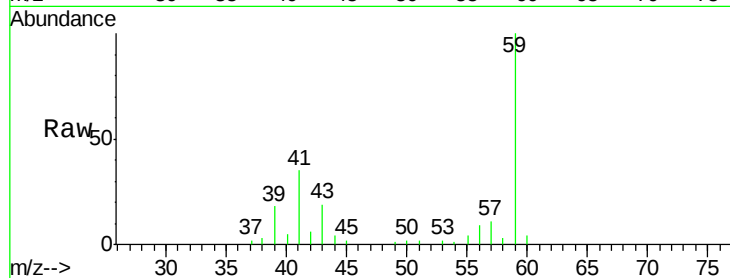


#11

Tert butyl alcohol
Concen: 270.529 ug/l
RT: 4.82 min Scan# 947
Delta R.T. 0.00 min
Lab File: VN054769.D
Acq: 29 Mar 2019 14:44

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

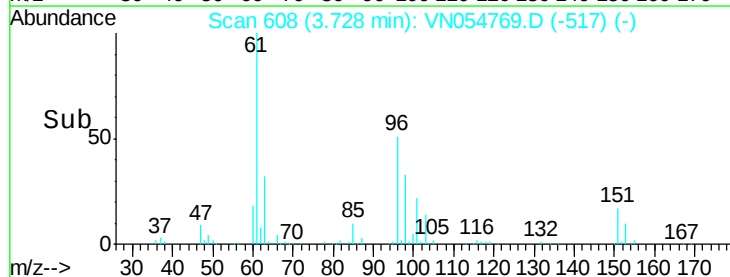
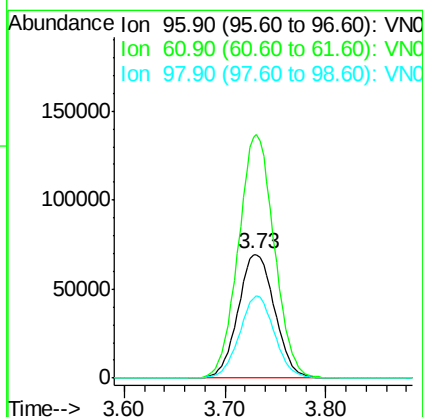
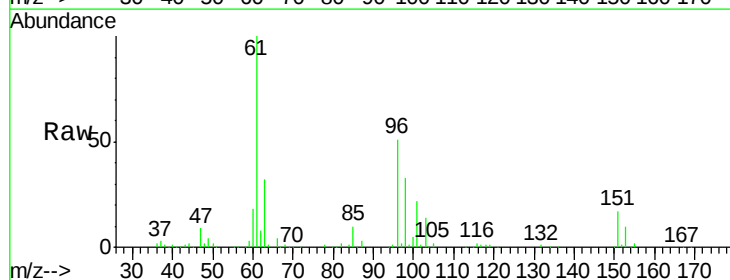
Tgt Ion: 59 Resp: 86581
Ion Ratio Lower Upper
59 100
57 11.0 9.0 13.6

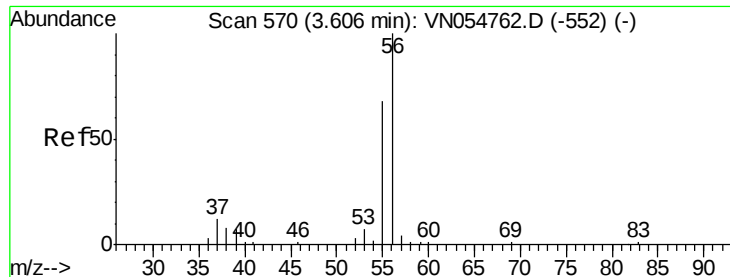


#12

1,1-Dichloroethene
Concen: 48.755 ug/l
RT: 3.73 min Scan# 608
Delta R.T. -0.01 min
Lab File: VN054769.D
Acq: 29 Mar 2019 14:44

Tgt Ion: 96 Resp: 174637
Ion Ratio Lower Upper
96 100
61 195.0 116.5 174.7#
98 64.7 51.0 76.4





#13

Acrolein

Concen: 275.108 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

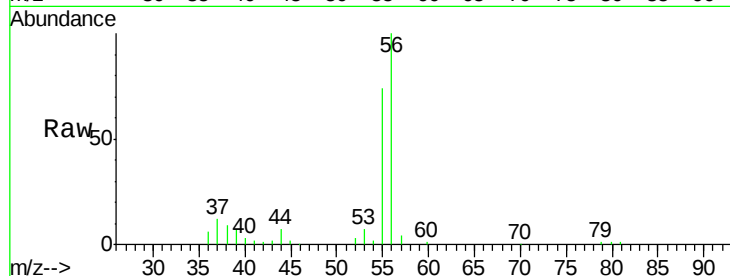
VSTDCCC050

Tgt Ion: 56 Resp: 78712

Ion Ratio Lower Upper

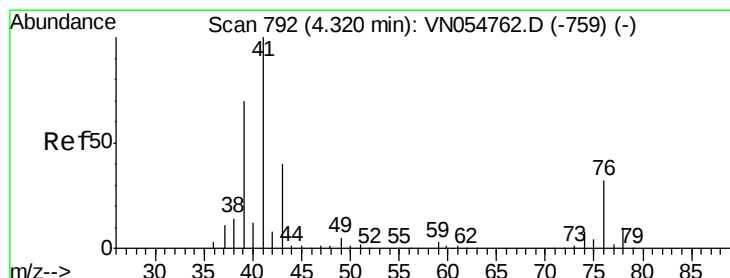
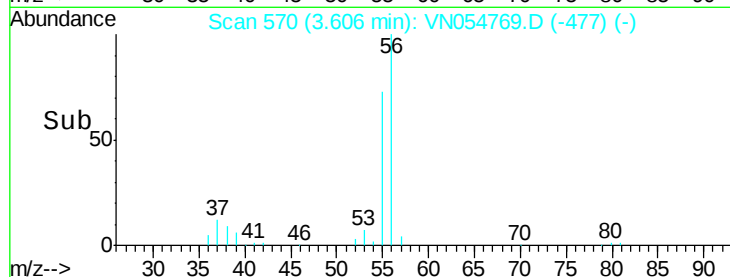
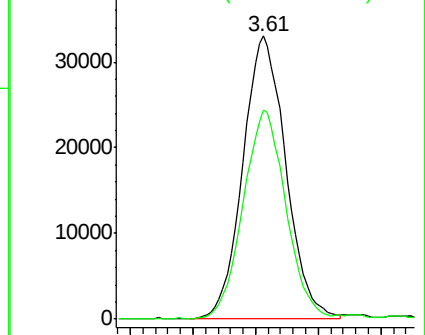
56 100

55 73.5 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 49.969 ug/l

RT: 4.32 min Scan# 791

Delta R.T. -0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

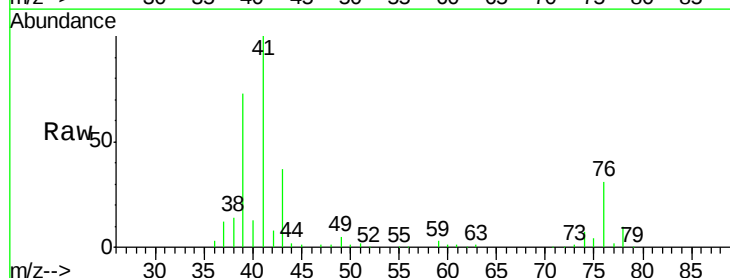
Tgt Ion: 41 Resp: 440860

Ion Ratio Lower Upper

41 100

39 68.2 58.2 87.4

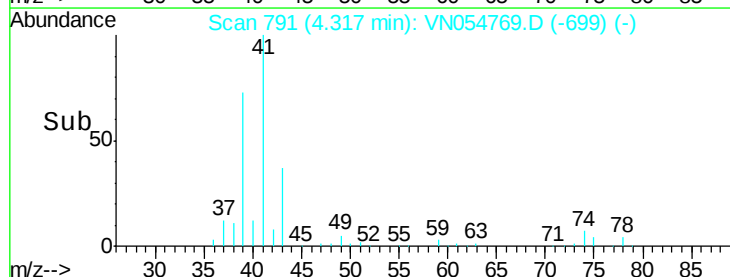
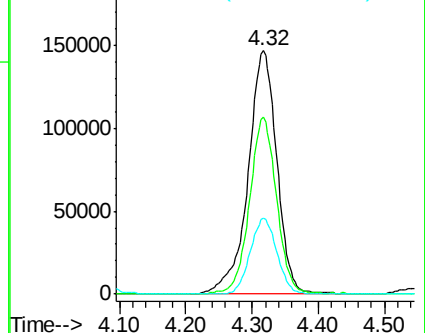
76 28.9 31.7 47.5#

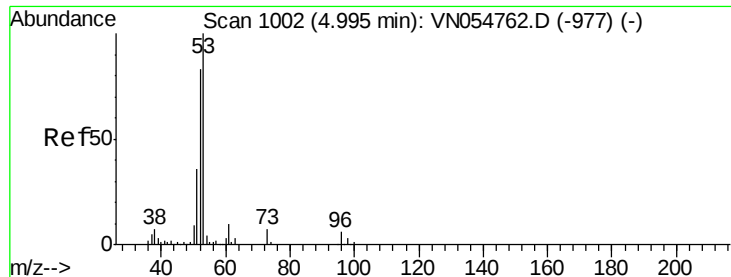


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

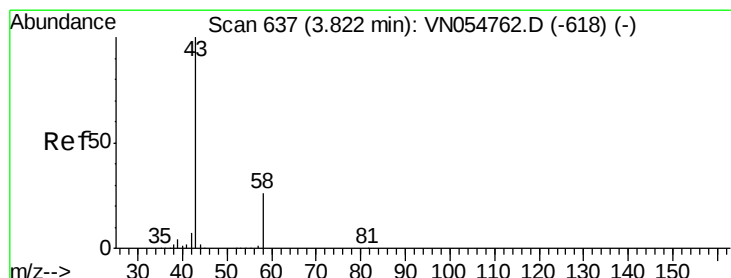
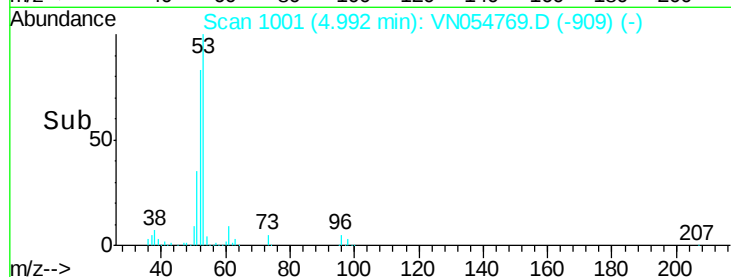
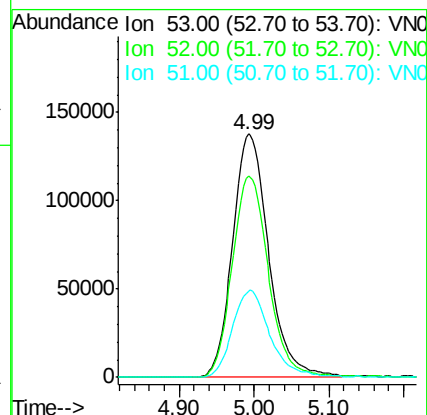
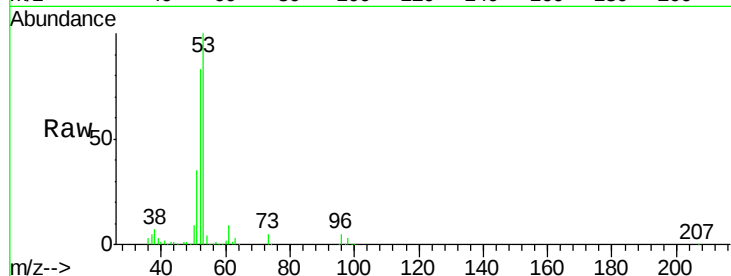




#15
 Acrylonitrile
 Concen: 259.456 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VN054769.D
 Acq: 29 Mar 2019 14:44

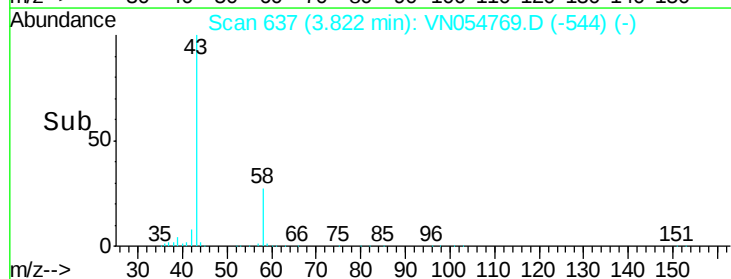
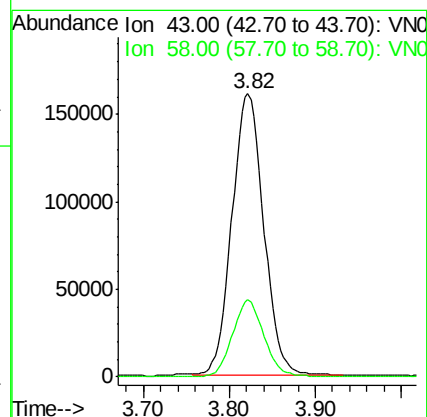
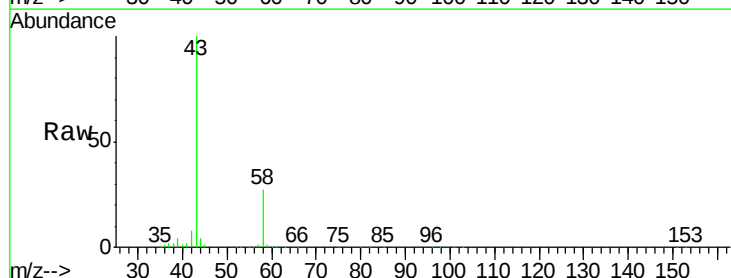
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

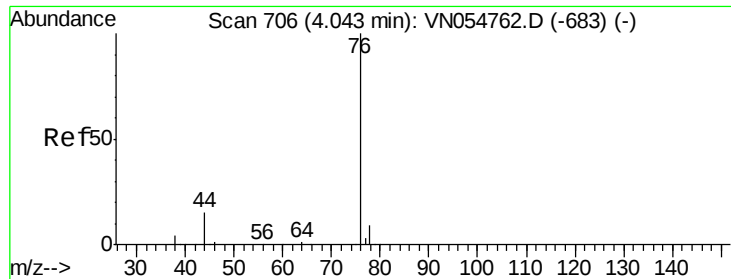
Tgt Ion: 53 Resp: 461547
 Ion Ratio Lower Upper
 53 100
 52 83.0 66.4 99.6
 51 37.3 29.6 44.4



#16
 Acetone
 Concen: 281.631 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN054769.D
 Acq: 29 Mar 2019 14:44

Tgt Ion: 43 Resp: 412535
 Ion Ratio Lower Upper
 43 100
 58 27.4 29.9 44.9#

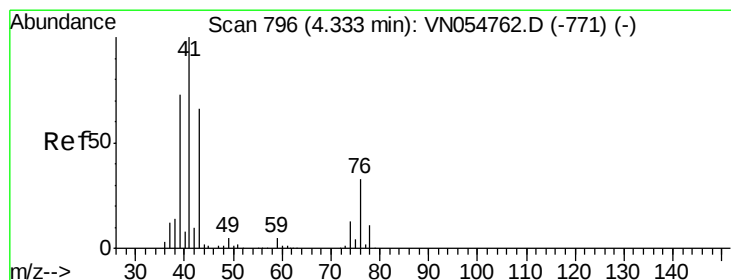
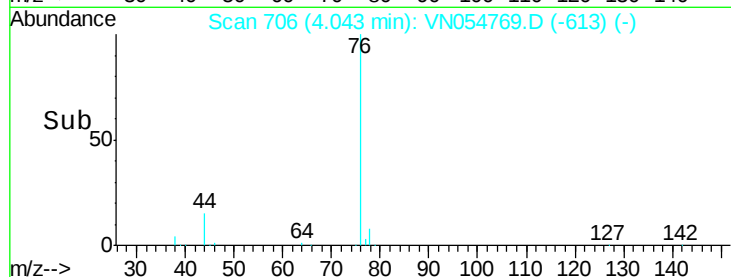
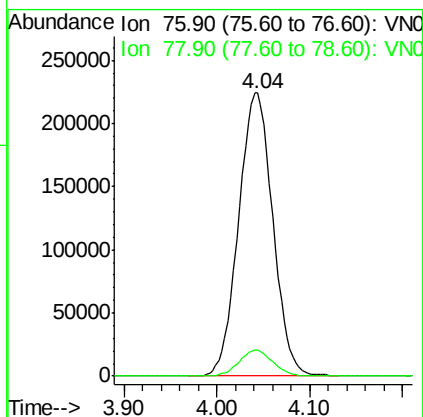
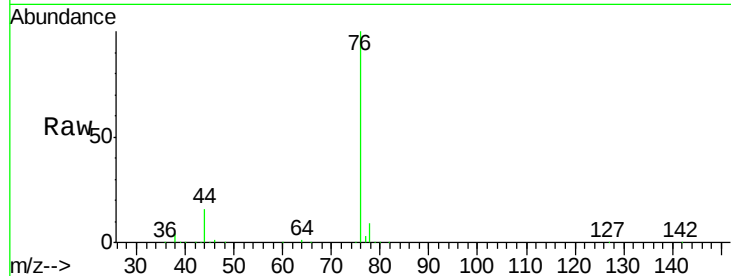




#17
Carbon Disulfide
Concen: 49.386 ug/l
RT: 4.04 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN054769.D
Acq: 29 Mar 2019 14:44

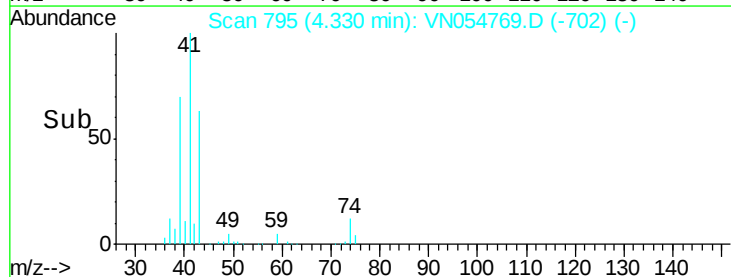
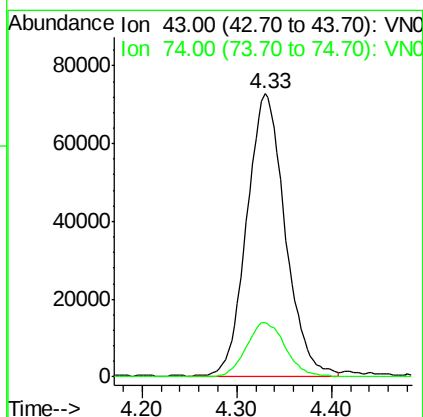
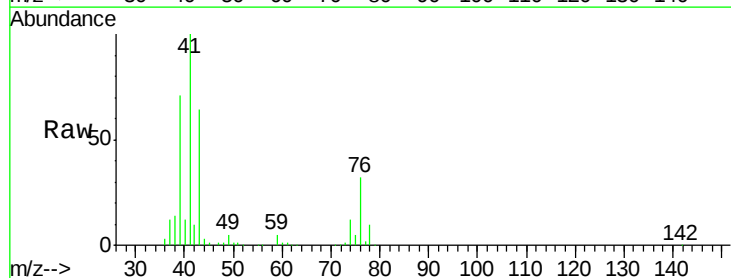
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

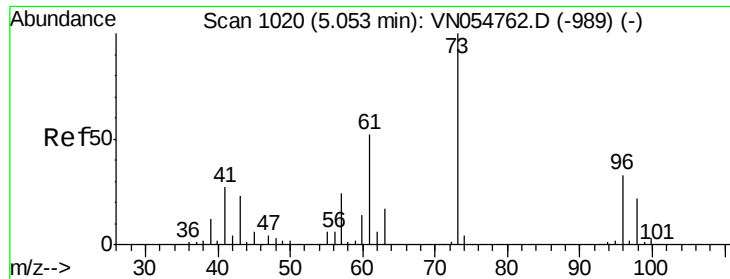
Tgt Ion: 76 Resp: 573741
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 53.601 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN054769.D
Acq: 29 Mar 2019 14:44

Tgt Ion: 43 Resp: 204254
Ion Ratio Lower Upper
43 100
74 19.8 20.8 31.2#





#19

Methyl tert-butyl Ether

Concen: 50.947 ug/l

RT: 5.05 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

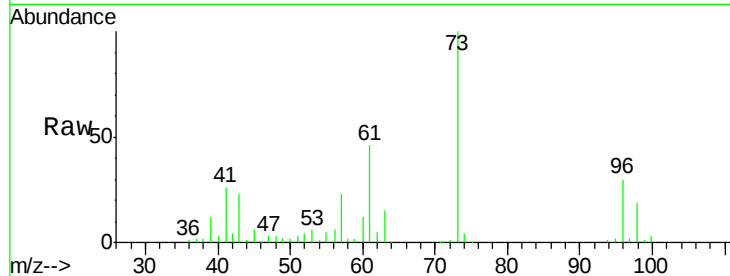
VSTDCCC050

Tgt Ion: 73 Resp: 638337

Ion Ratio Lower Upper

73 100

57 23.0 16.8 25.2



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

5.05

200000

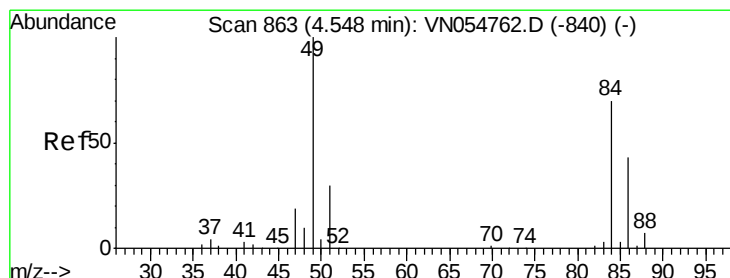
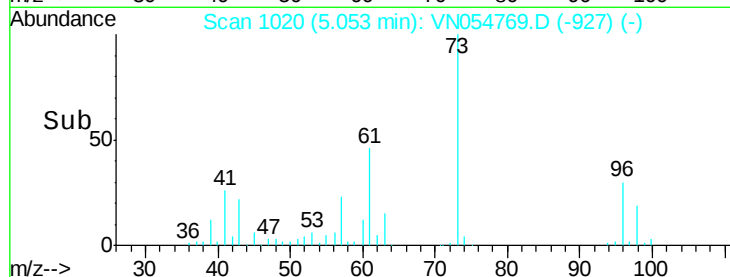
150000

100000

50000

0

Time--> 4.90 5.00 5.10 5.20



#20

Methylene Chloride

Concen: 47.528 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

Tgt Ion: 84 Resp: 245573

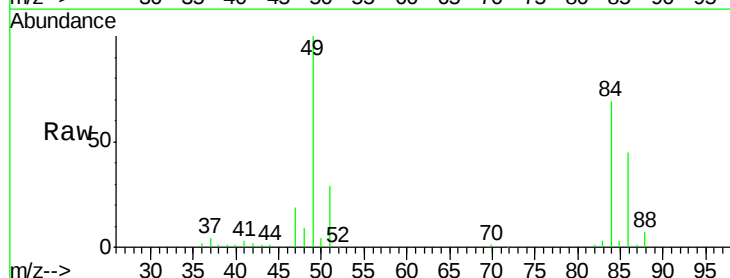
Ion Ratio Lower Upper

84 100

49 144.8 89.7 134.5#

51 42.2 28.2 42.4

86 64.6 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

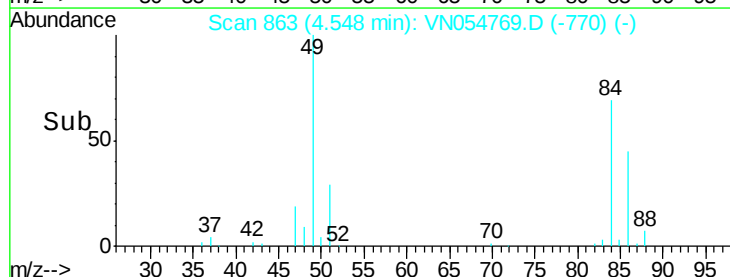
150000

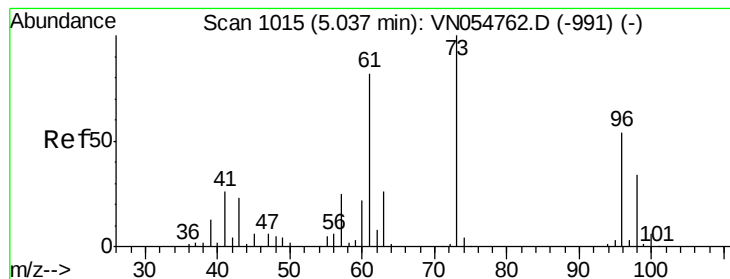
100000

50000

0

Time--> 4.40 4.50 4.60 4.70





#21

trans-1,2-Dichloroethene

Concen: 49.218 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

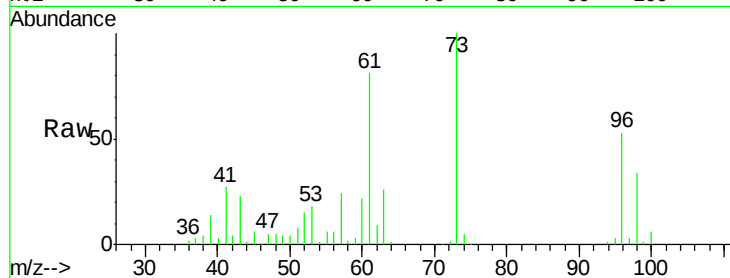
Tgt Ion: 96 Resp: 231561

Ion Ratio Lower Upper

96 100

61 152.9 102.8 154.2

98 64.3 50.0 75.0

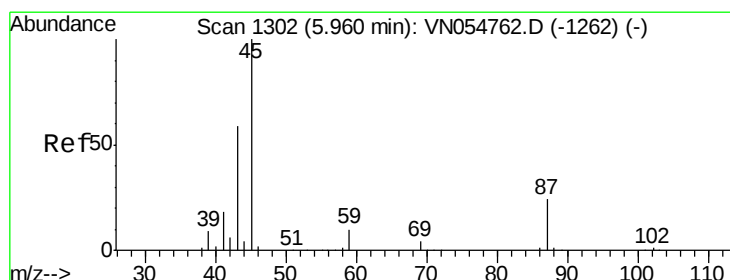
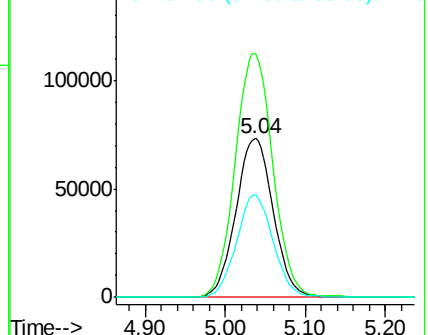
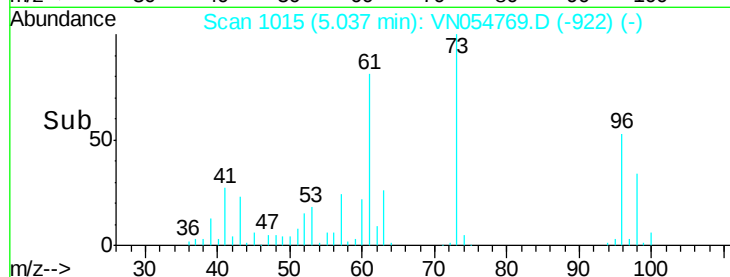


Abundance

Ion 95.90 (95.60 to 96.60): VNC

Ion 60.90 (60.60 to 61.60): VNC

Ion 97.90 (97.60 to 98.60): VNC



#22

Diisopropyl ether

Concen: 50.333 ug/l

RT: 5.96 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

Tgt Ion: 45 Resp: 878294

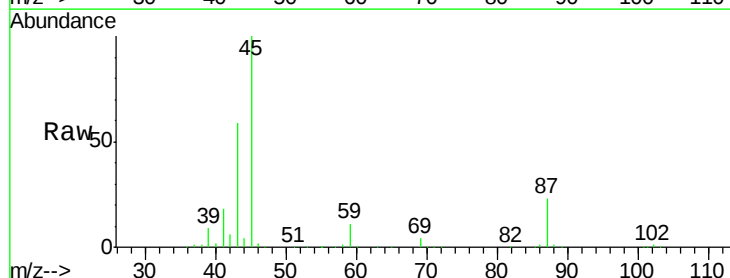
Ion Ratio Lower Upper

45 100

43 58.9 48.2 72.2

87 22.8 24.9 37.3#

59 10.5 9.5 14.3



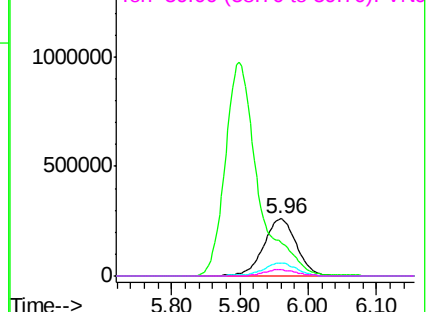
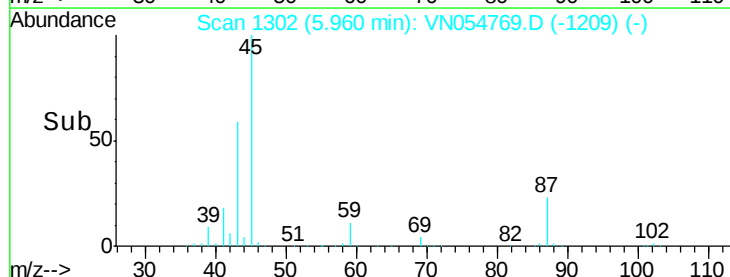
Abundance

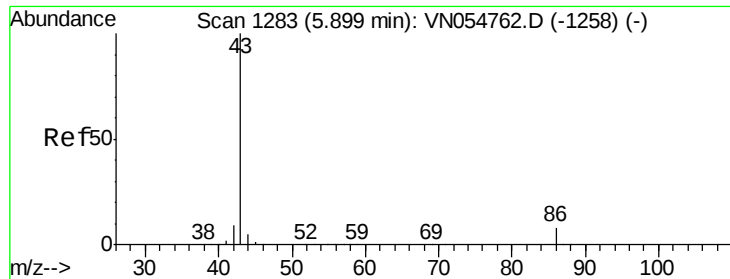
Ion 45.00 (44.70 to 45.70): VNC

Ion 43.00 (42.70 to 43.70): VNC

Ion 87.00 (86.70 to 87.70): VNC

Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 268.510 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

Instrument :

MSVOA_N

ClientSampled :

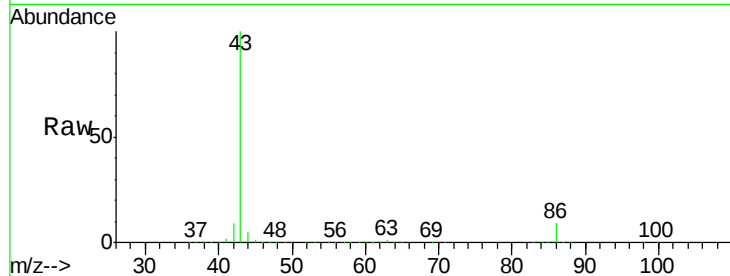
VSTDCCC050

Tgt Ion: 43 Resp: 3260616

Ion Ratio Lower Upper

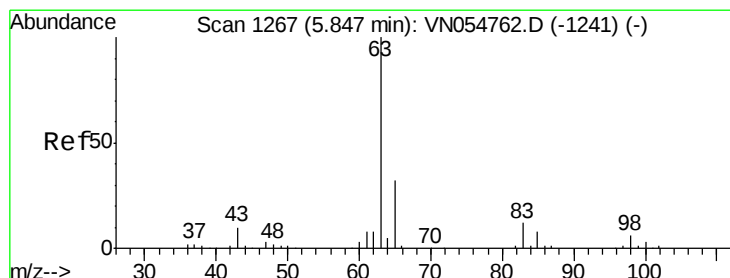
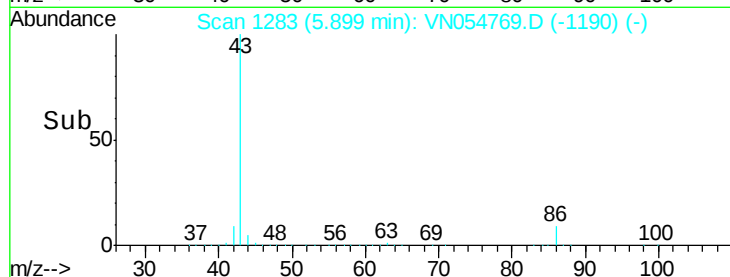
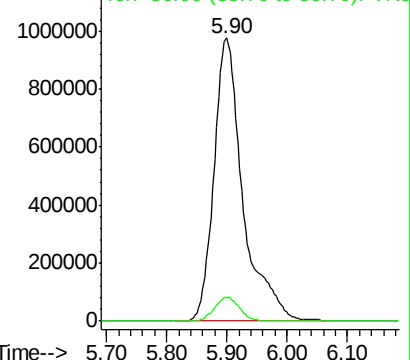
43 100

86 8.5 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 49.427 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

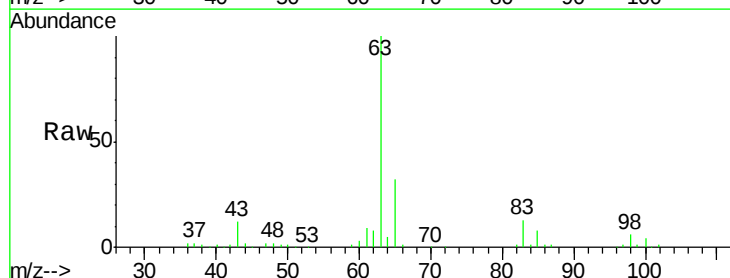
Tgt Ion: 63 Resp: 460084

Ion Ratio Lower Upper

63 100

98 5.8 3.5 10.5

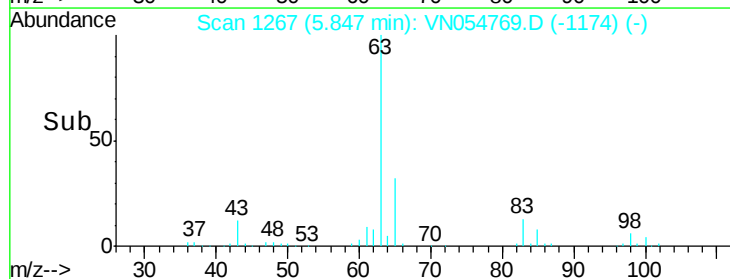
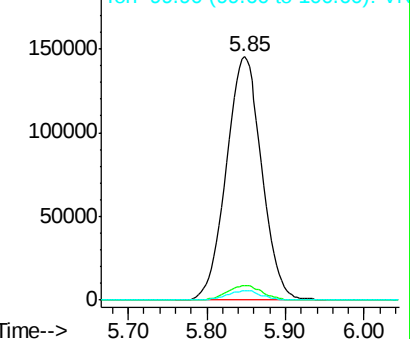
100 3.7 2.0 6.0

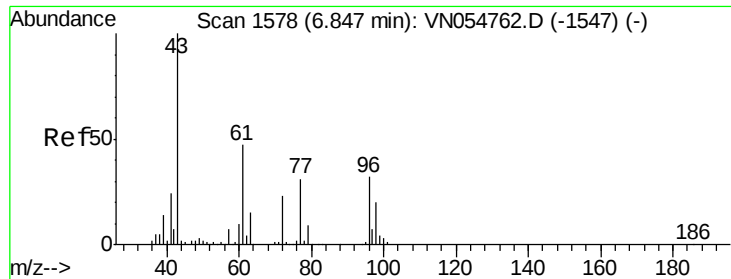


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

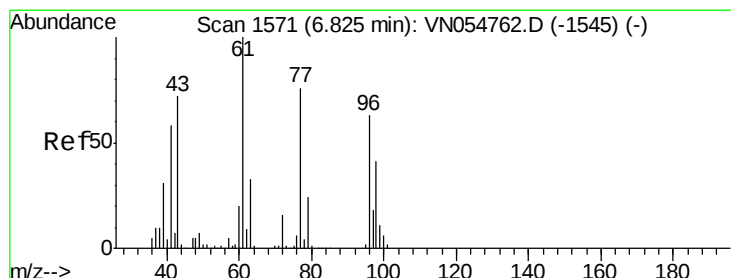
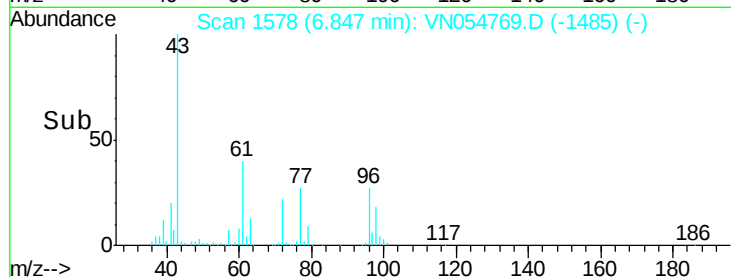
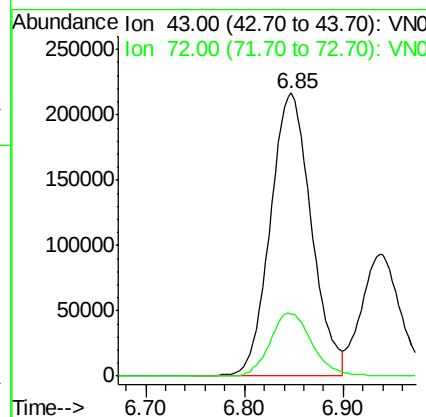
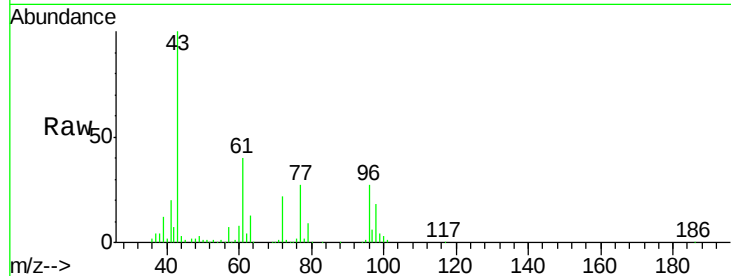




#25
2-Butanone
Concen: 286.979 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VN054769.D
Acq: 29 Mar 2019 14:44

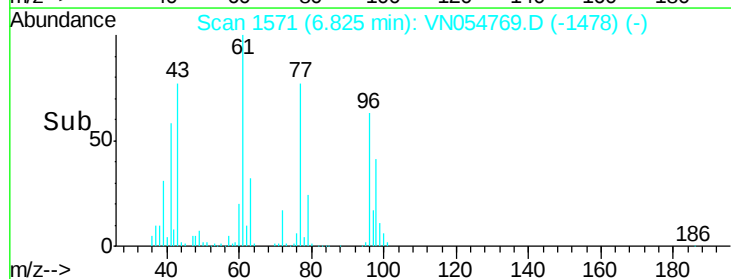
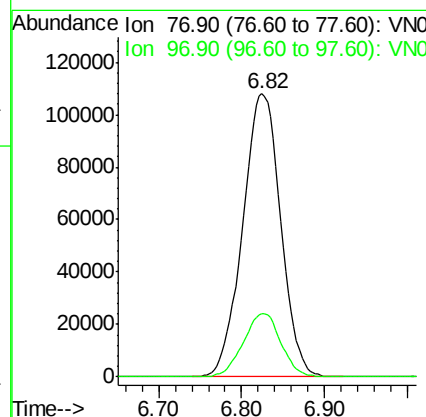
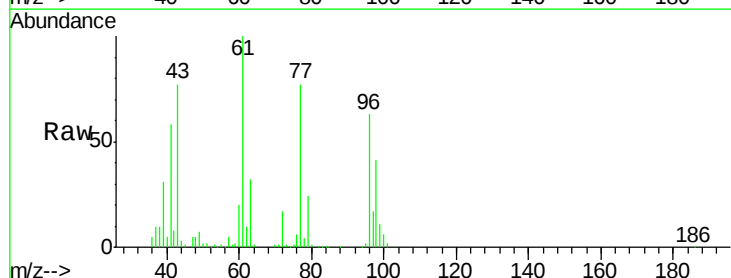
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

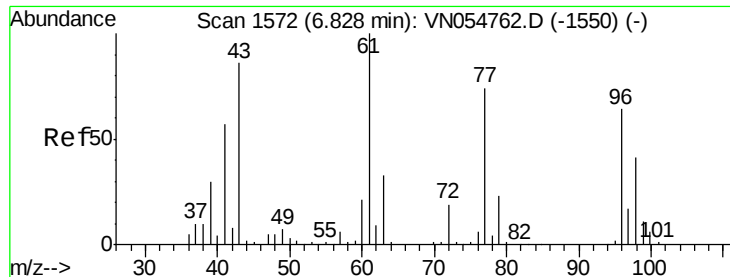
Tgt Ion: 43 Resp: 621385
Ion Ratio Lower Upper
43 100
72 22.1 23.0 34.6#



#26
2,2-Dichloropropane
Concen: 52.561 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN054769.D
Acq: 29 Mar 2019 14:44

Tgt Ion: 77 Resp: 342917
Ion Ratio Lower Upper
77 100
97 22.2 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 49.418 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

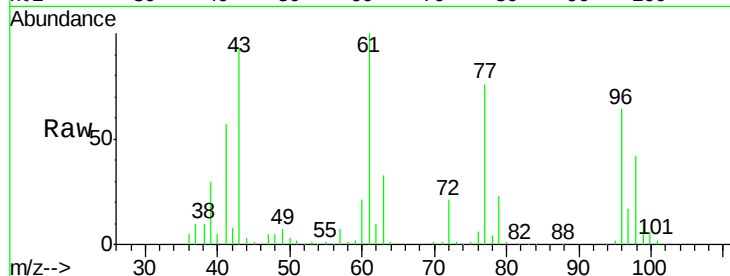
Tgt Ion: 96 Resp: 262647

Ion Ratio Lower Upper

96 100

61 160.5 0.0 273.0

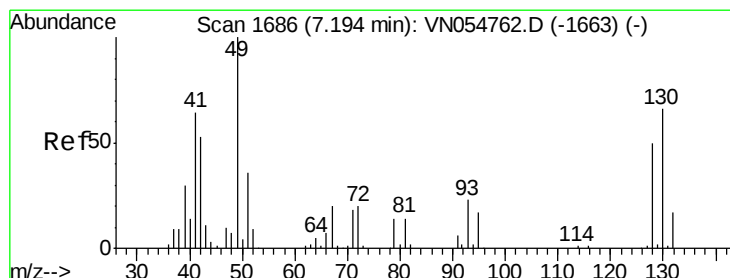
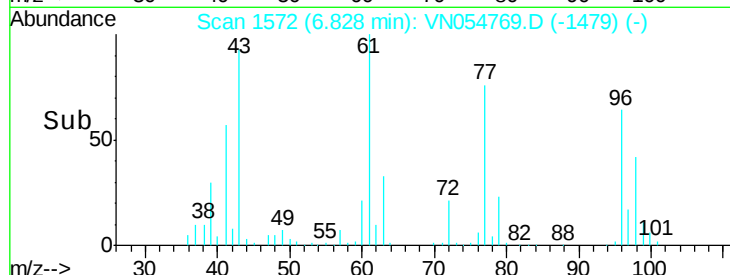
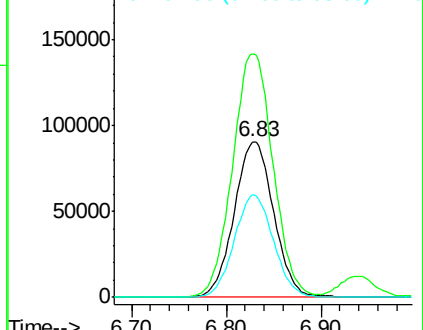
98 65.6 0.0 130.6



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: 52.099 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

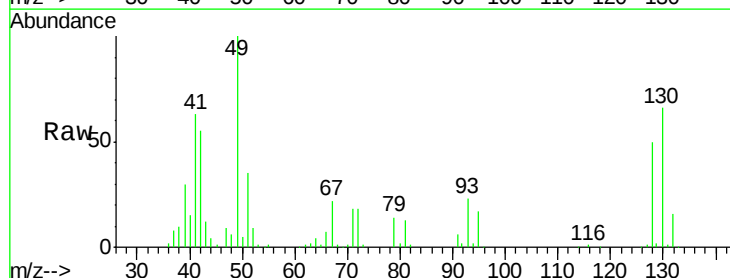
Tgt Ion: 49 Resp: 242495

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

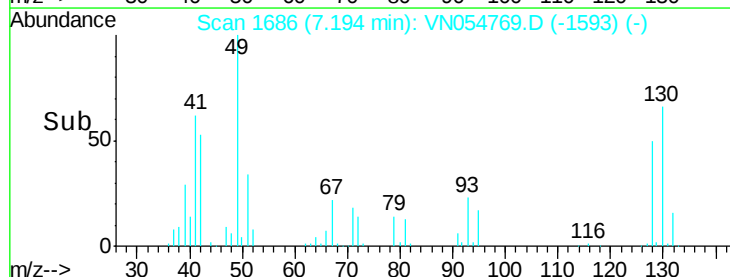
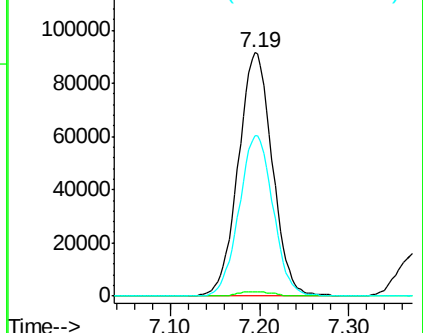
130 65.8 76.7 115.1#

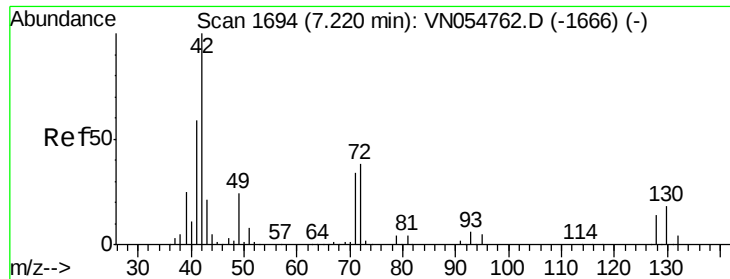


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

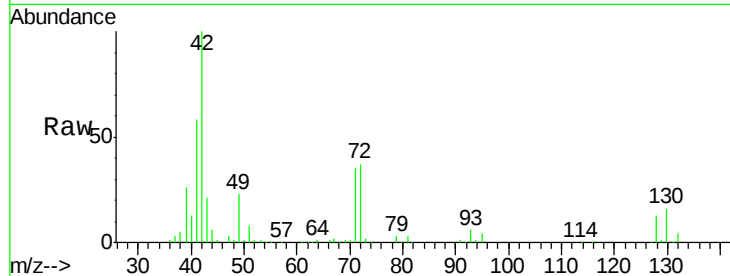




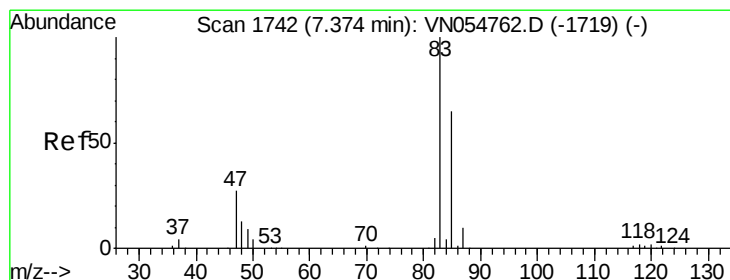
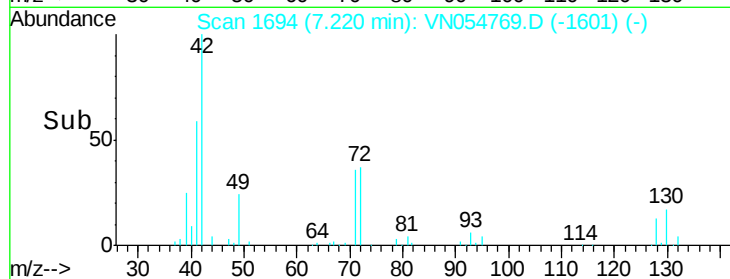
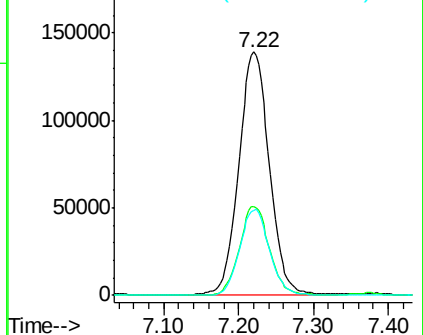
#29
Tetrahydrofuran
Concen: 260.565 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VN054769.D
Acq: 29 Mar 2019 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 391859
Ion Ratio Lower Upper
42 100
72 36.1 37.8 56.6#
71 34.8 36.2 54.2#

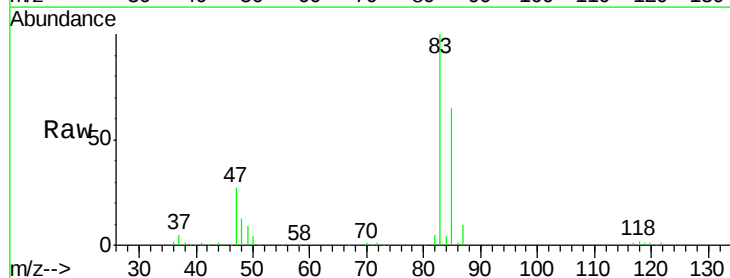


Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO

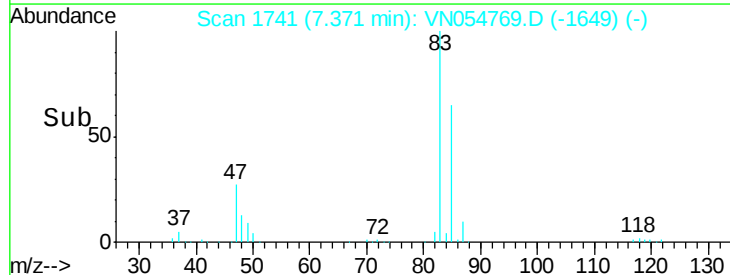
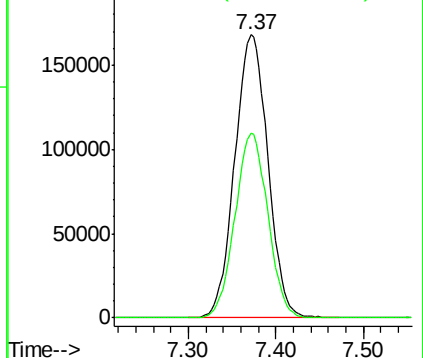


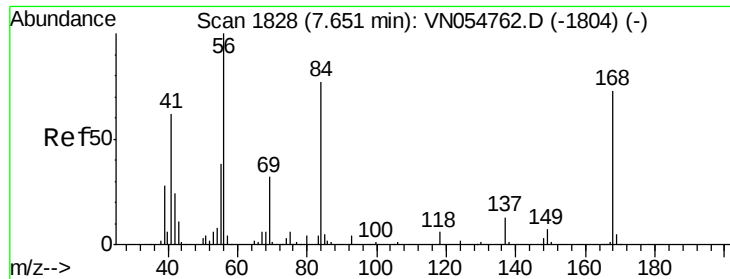
#30
Chloroform
Concen: 49.717 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN054769.D
Acq: 29 Mar 2019 14:44

Tgt Ion: 83 Resp: 441285
Ion Ratio Lower Upper
83 100
85 65.2 52.2 78.4



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

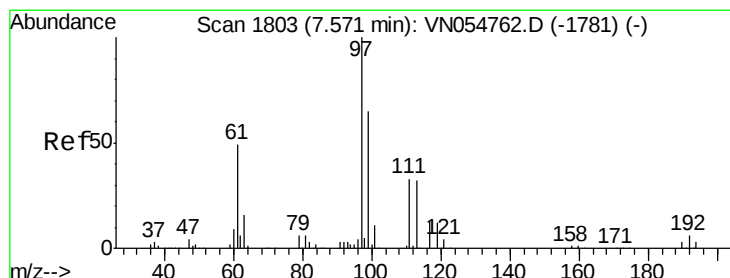
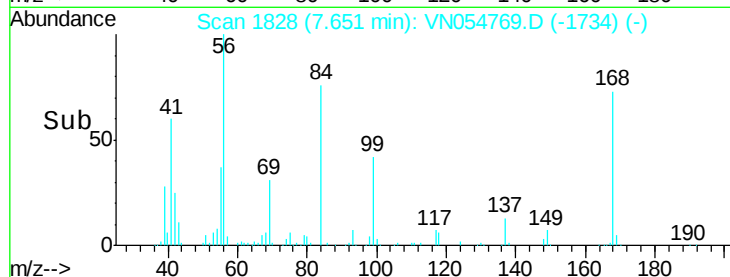
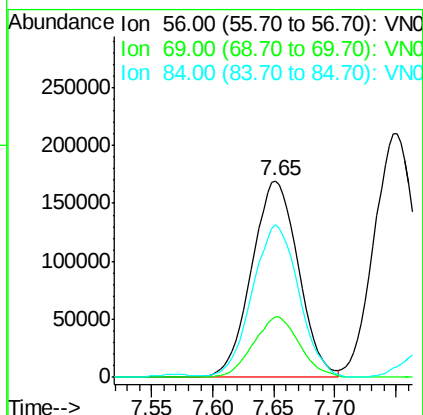
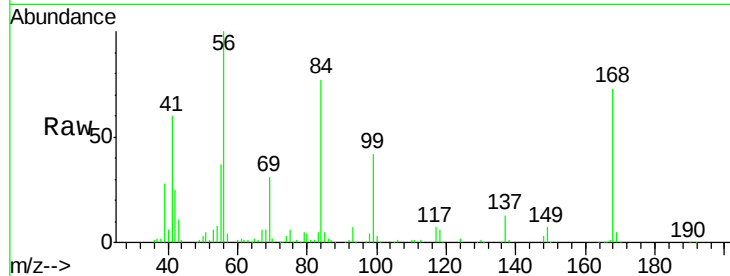




#31
Cyclohexane
Concen: 53.180 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN054769.D
Acq: 29 Mar 2019 14:44

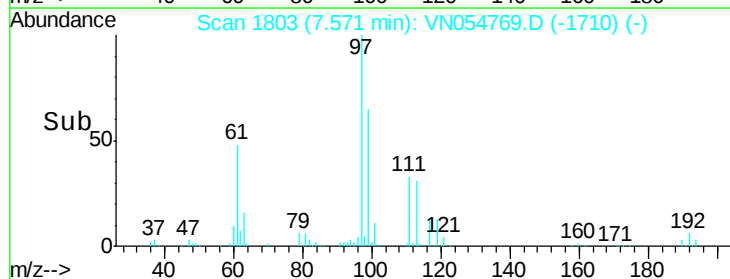
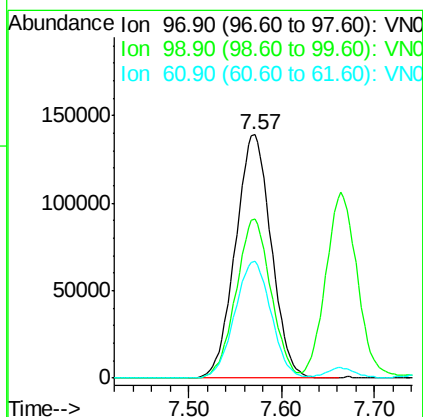
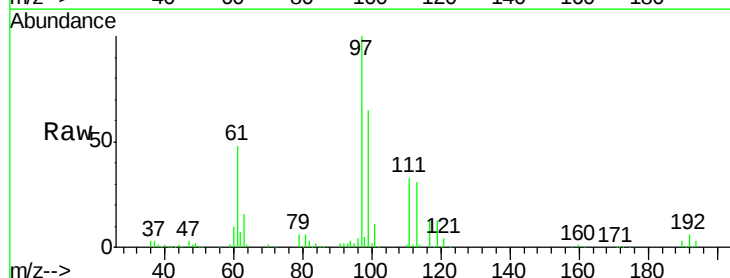
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

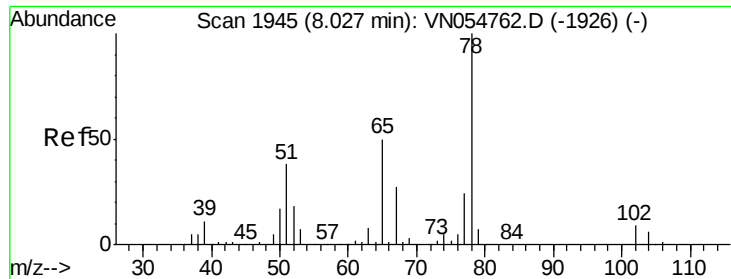
Tgt Ion: 56 Resp: 449939
Ion Ratio Lower Upper
56 100
69 30.9 27.8 41.6
84 76.3 74.6 111.8



#32
1,1,1-Trichloroethane
Concen: 50.589 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN054769.D
Acq: 29 Mar 2019 14:44

Tgt Ion: 97 Resp: 372116
Ion Ratio Lower Upper
97 100
99 63.8 51.5 77.3
61 48.7 33.6 50.4

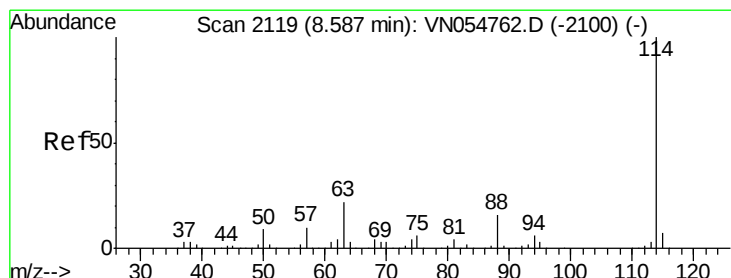
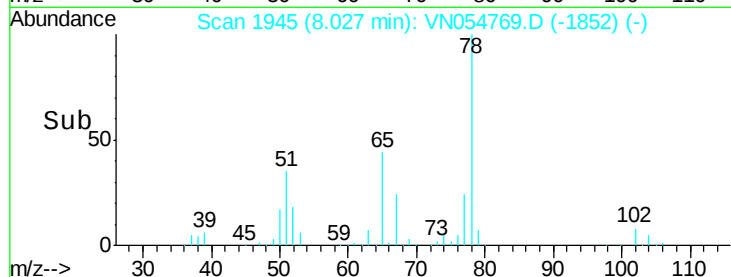
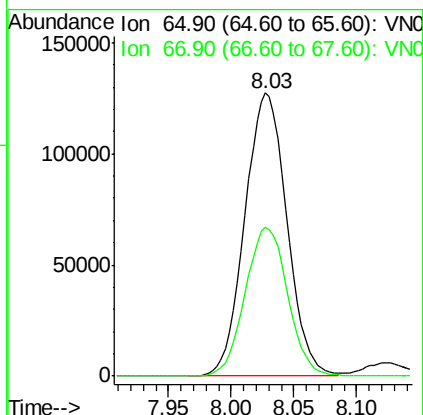
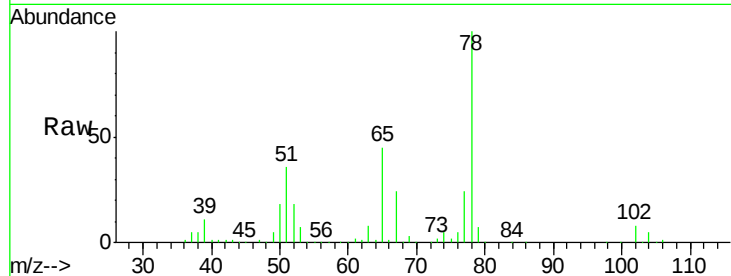




#33
 1,2-Dichloroethane-d4
 Concen: 48.253 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054769.D
 Acq: 29 Mar 2019 14:44

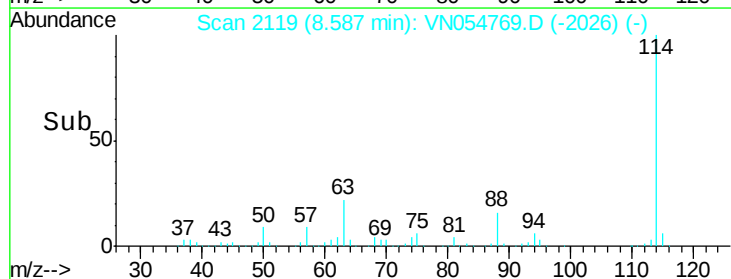
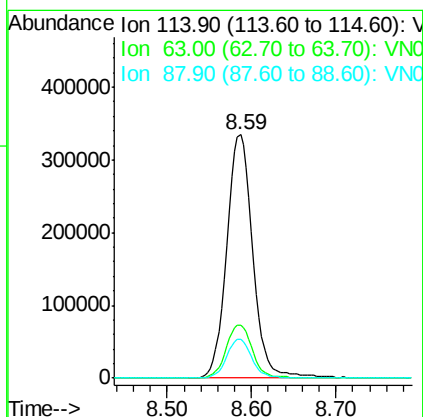
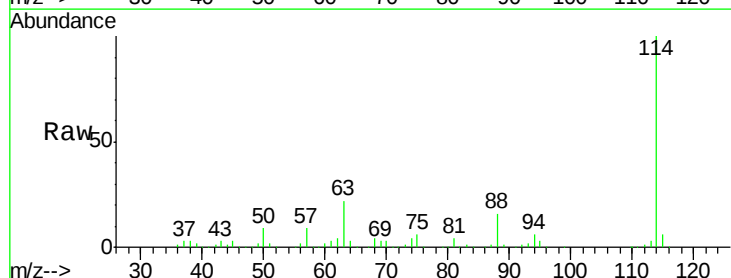
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

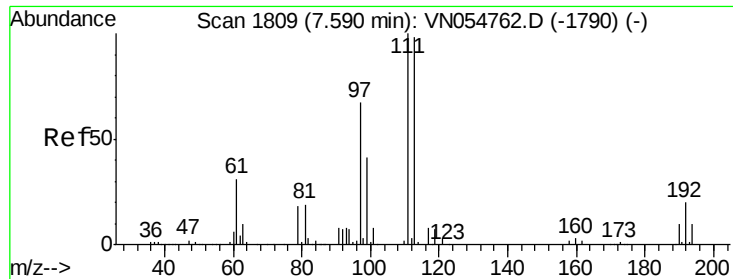
Tgt Ion: 65 Resp: 296401
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054769.D
 Acq: 29 Mar 2019 14:44

Tgt Ion: 114 Resp: 719364
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 35.2
 88 15.8 0.0 30.2

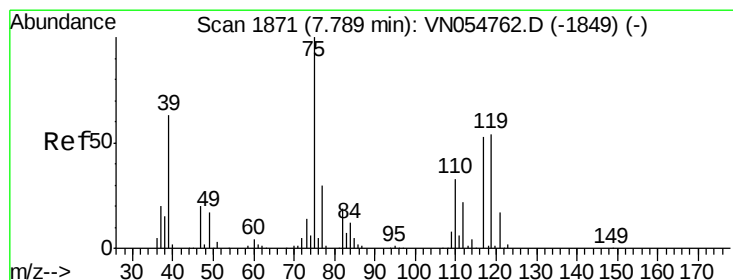
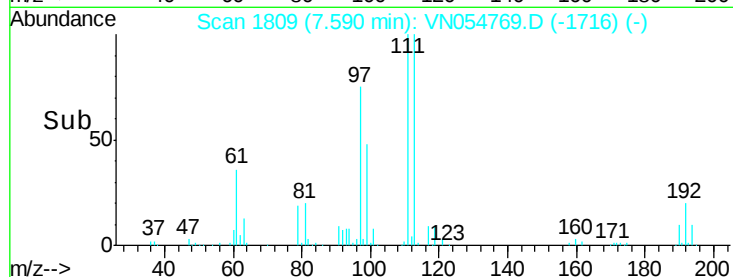
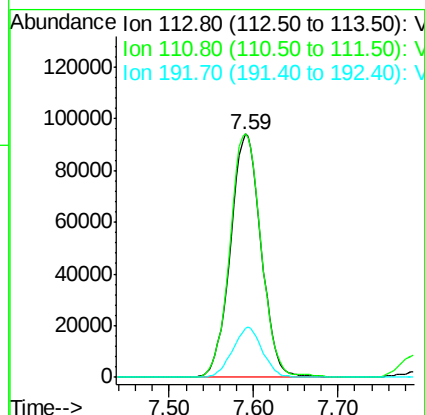
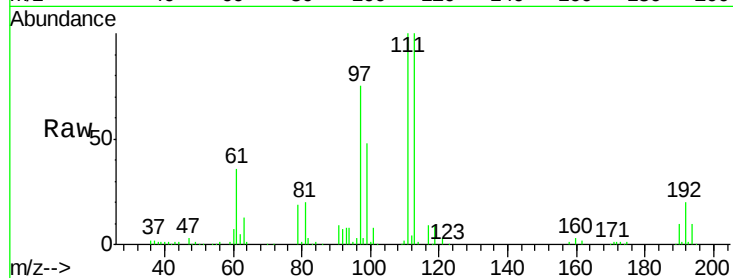




#35
 Dibromofluoromethane
 Concen: 49.577 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054769.D
 Acq: 29 Mar 2019 14:44

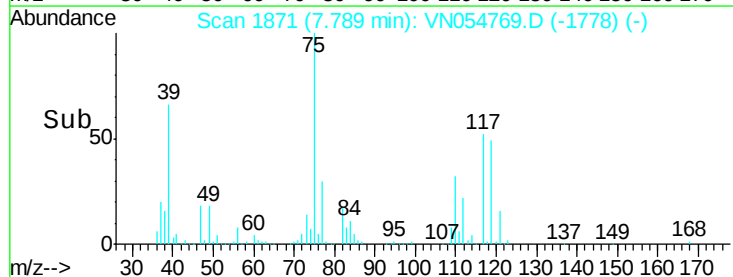
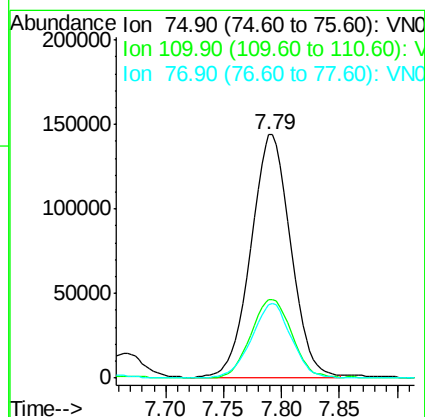
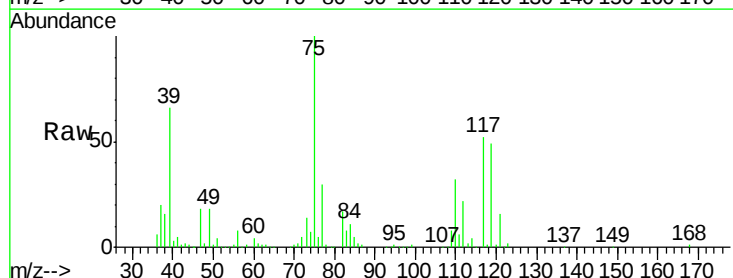
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

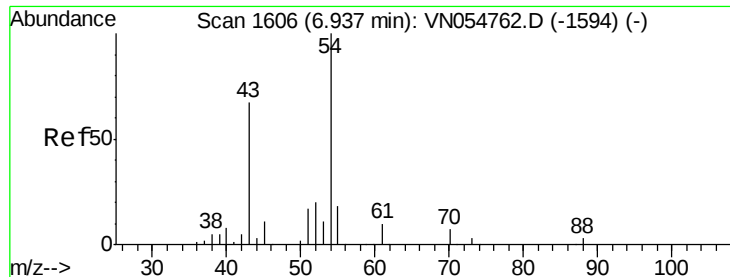
Tgt Ion: 113 Resp: 237766
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.2 123.4
 192 20.0 19.2 28.8



#36
 1,1-Dichloropropene
 Concen: 50.960 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN054769.D
 Acq: 29 Mar 2019 14:44

Tgt Ion: 75 Resp: 341586
 Ion Ratio Lower Upper
 75 100
 110 33.8 19.1 57.5
 77 30.9 25.0 37.4

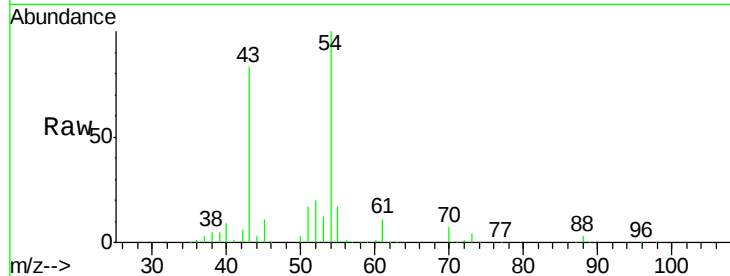




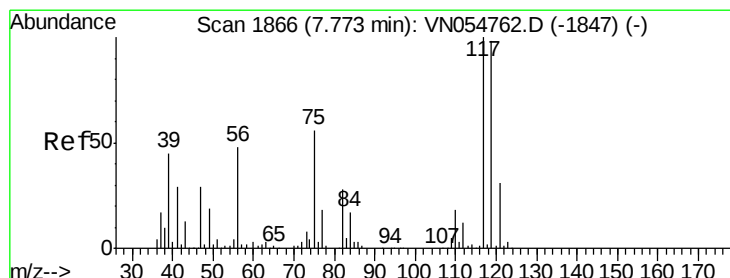
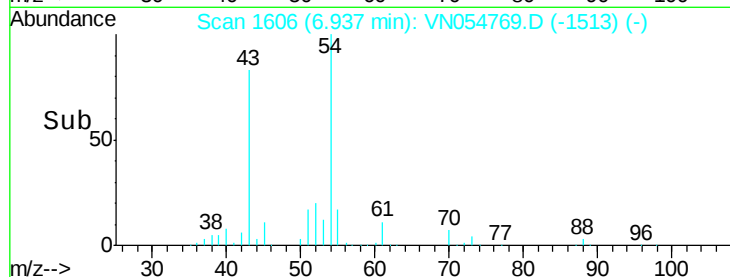
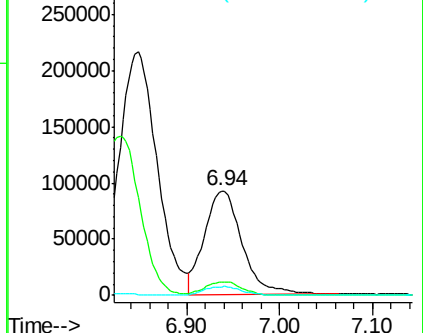
#37
Ethyl Acetate
Concen: 52.683 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VN054769.D
Acq: 29 Mar 2019 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 258965
Ion Ratio Lower Upper
43 100
61 12.8 11.8 17.6
70 8.7 8.4 12.6

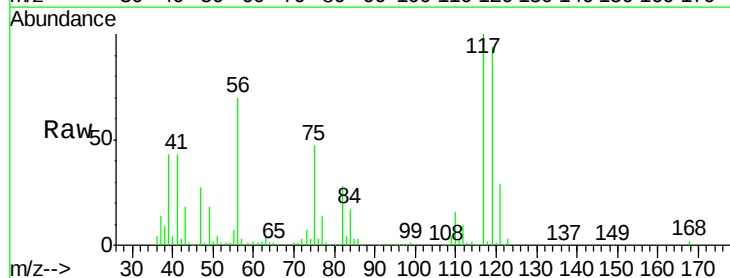


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

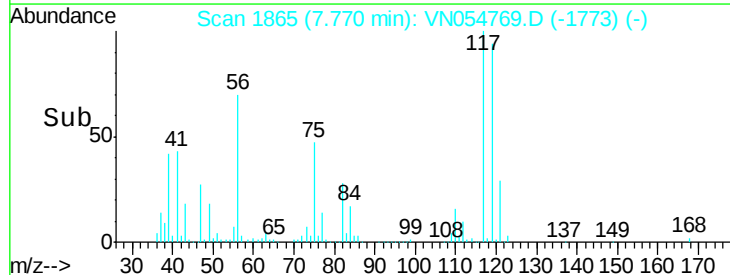
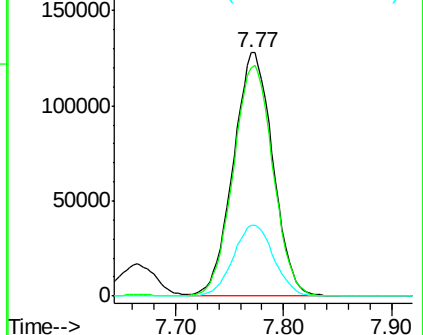


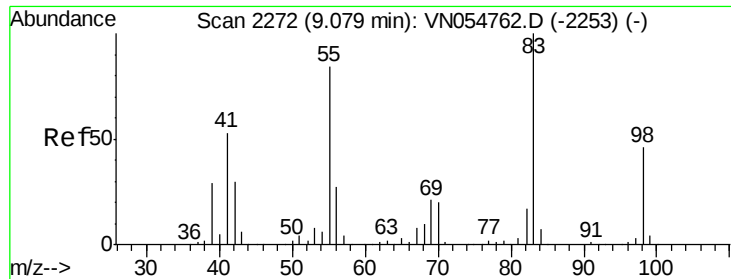
#38
Carbon Tetrachloride
Concen: 50.042 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN054769.D
Acq: 29 Mar 2019 14:44

Tgt Ion: 117 Resp: 325800
Ion Ratio Lower Upper
117 100
119 93.9 76.3 114.5
121 29.1 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

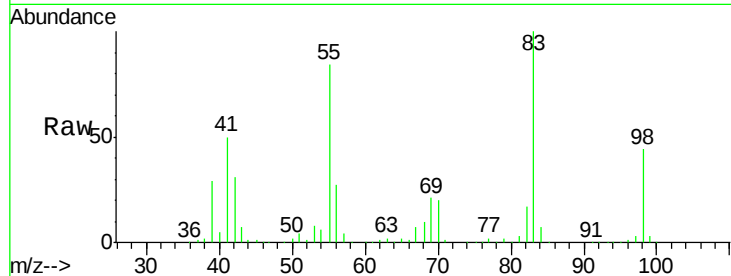




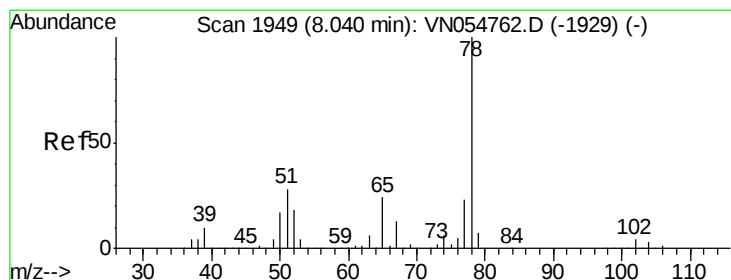
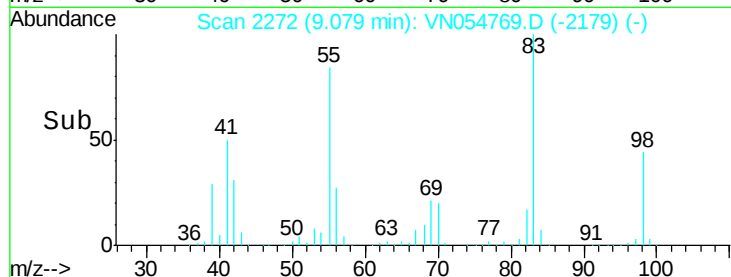
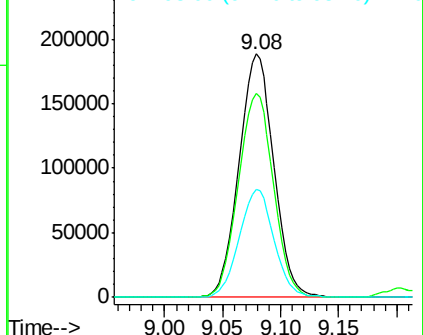
#39
Methylcyclohexane
Concen: 53.358 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN054769.D
Acq: 29 Mar 2019 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 393211
Ion Ratio Lower Upper
83 100
55 83.8 56.6 84.8
98 44.2 38.4 57.6

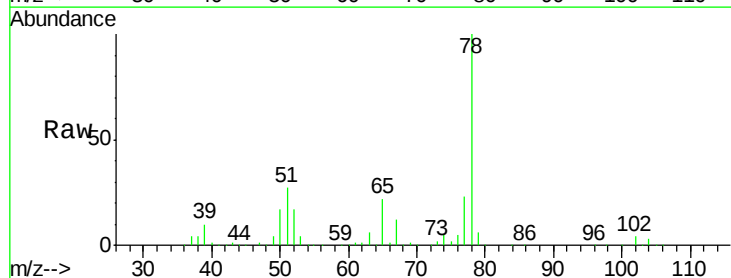


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

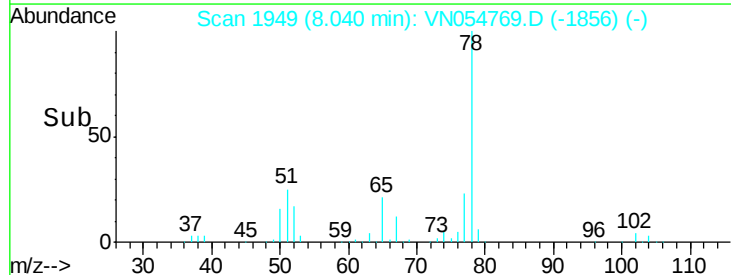
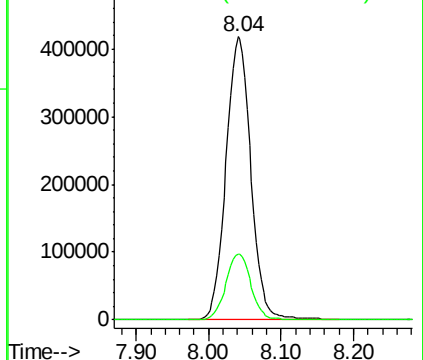


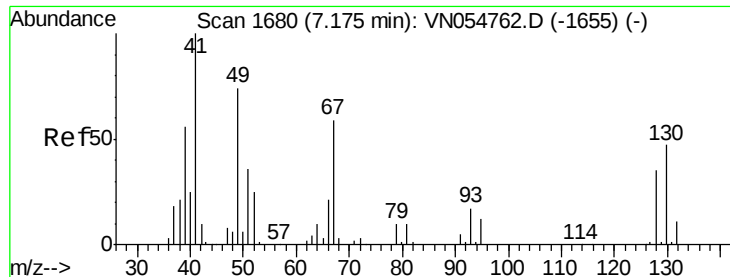
#40
Benzene
Concen: 51.925 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN054769.D
Acq: 29 Mar 2019 14:44

Tgt Ion: 78 Resp: 995925
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 53.667 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 148191

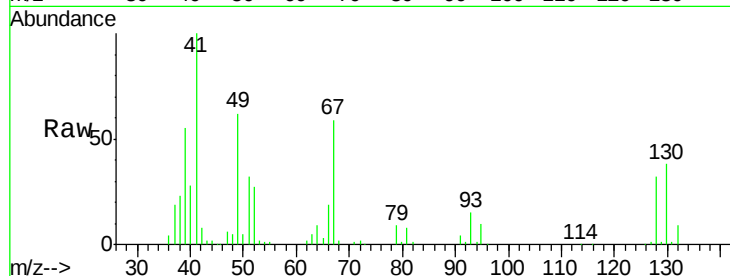
Ion Ratio Lower Upper

41 100

39 57.8 46.8 70.2

67 67.9 67.0 100.4

52 29.4 26.5 39.7

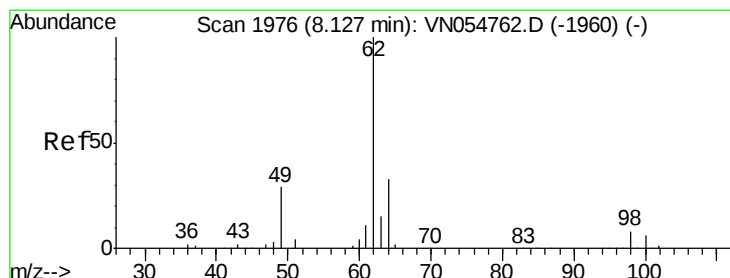
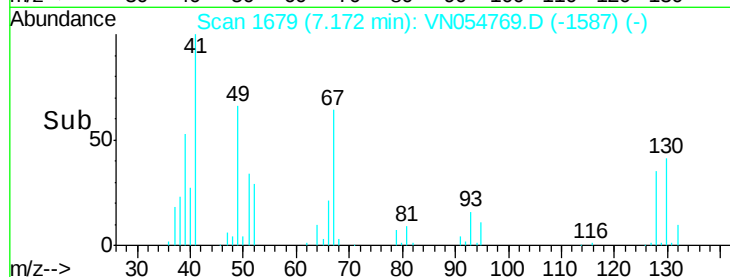
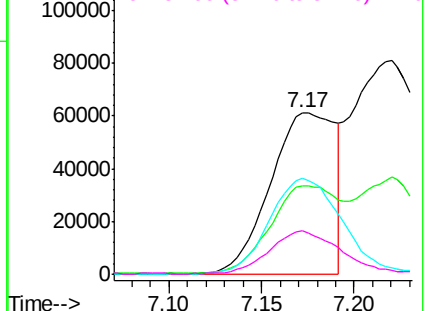


Abundance Ion 41.00 (40.70 to 41.70): VN054769.D (-1587) (-)

Ion 39.00 (38.70 to 39.70): VN054769.D (-1587) (-)

Ion 67.00 (66.70 to 67.70): VN054769.D (-1587) (-)

Ion 52.00 (51.70 to 52.70): VN054769.D (-1587) (-)



#42

1,2-Dichloroethane

Concen: 51.491 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN054769.D

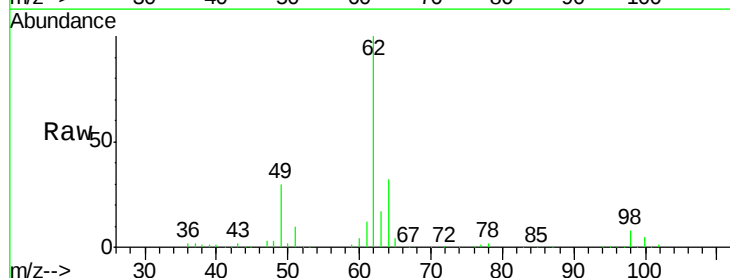
Acq: 29 Mar 2019 14:44

Tgt Ion: 62 Resp: 352633

Ion Ratio Lower Upper

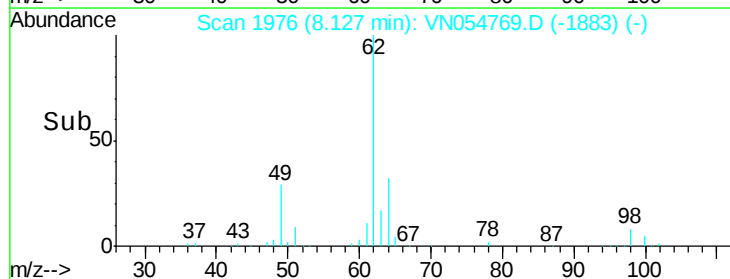
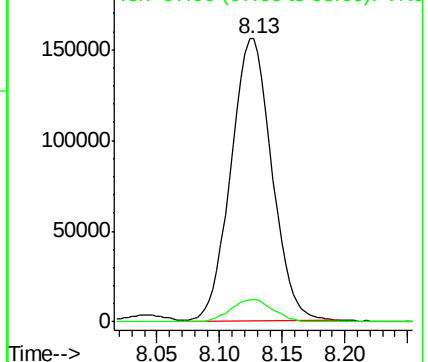
62 100

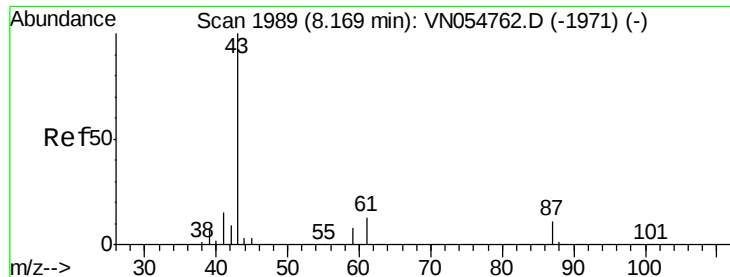
98 8.3 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VN054769.D (-1883) (-)

Ion 97.90 (97.60 to 98.60): VN054769.D (-1883) (-)





#43

Isopropyl Acetate

Concen: 55.988 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

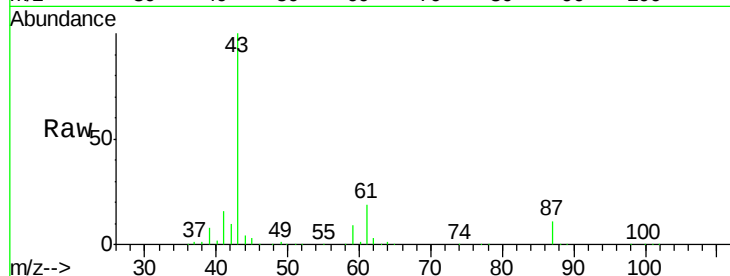
Tgt Ion: 43 Resp: 447179

Ion Ratio Lower Upper

43 100

61 18.2 15.8 23.8

87 11.4 12.0 18.0#

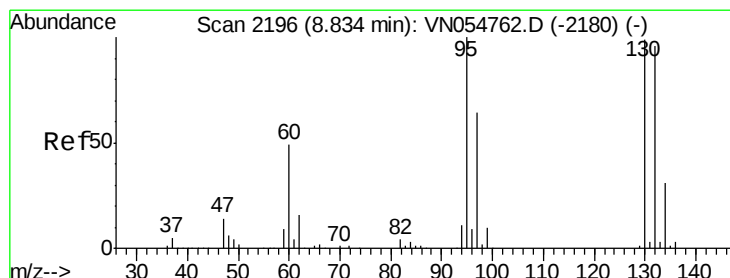
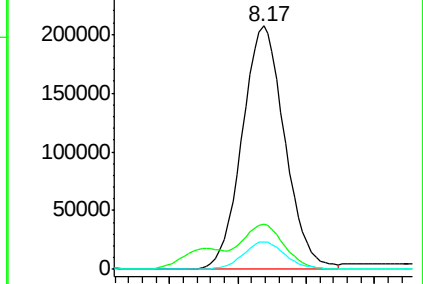
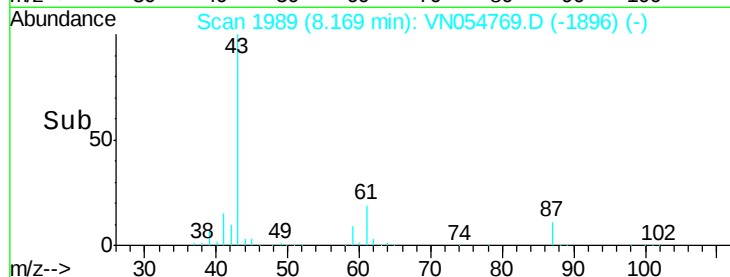


Abundance Ion 43.00 (42.70 to 43.70): VN054769.D (-1896) (-)

Ion 61.00 (60.70 to 61.70): VN054769.D (-1896) (-)

Ion 87.00 (86.70 to 87.70): VN054769.D (-1896) (-)

Time-->



#44

Trichloroethene

Concen: 52.550 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN054769.D

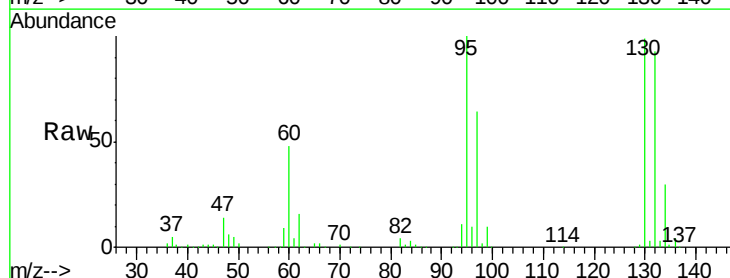
Acq: 29 Mar 2019 14:44

Tgt Ion: 130 Resp: 261641

Ion Ratio Lower Upper

130 100

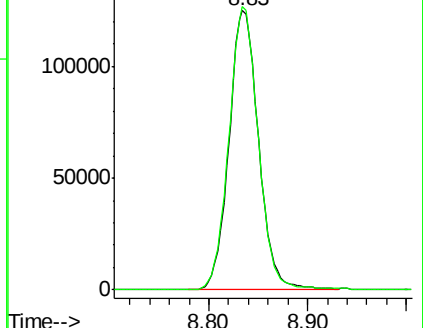
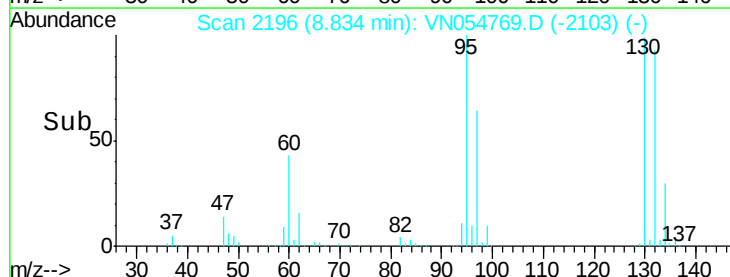
95 101.3 0.0 185.2

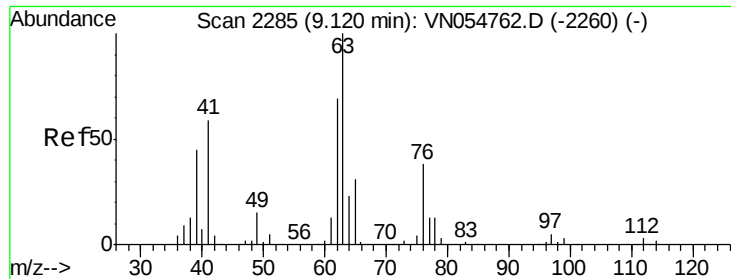


Abundance Ion 129.80 (129.50 to 130.50): VN054769.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN054769.D (-2103) (-)

Time-->

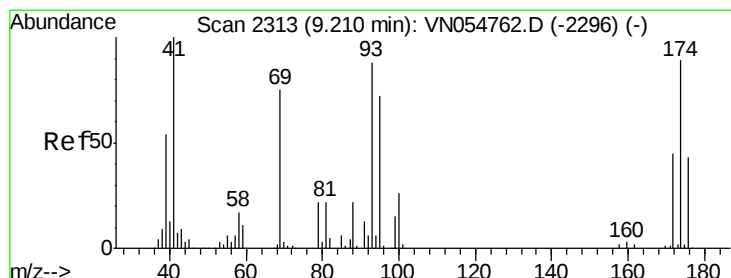
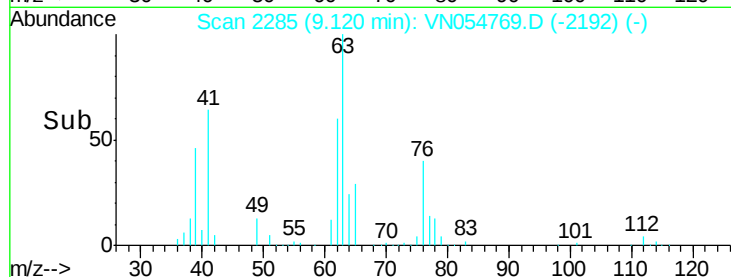
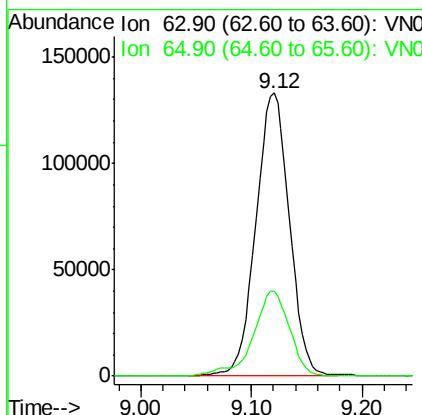
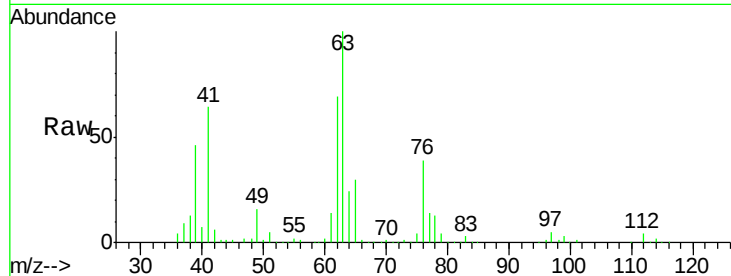




#45
 1,2-Dichloropropane
 Concen: 51.280 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN054769.D
 Acq: 29 Mar 2019 14:44

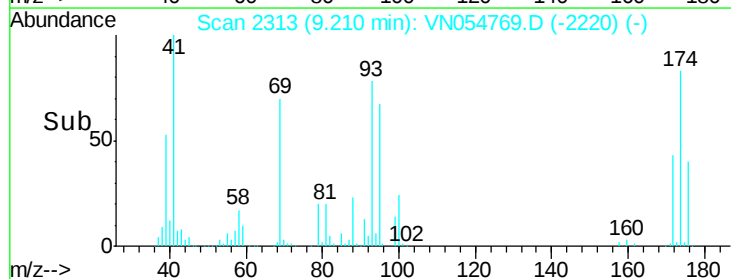
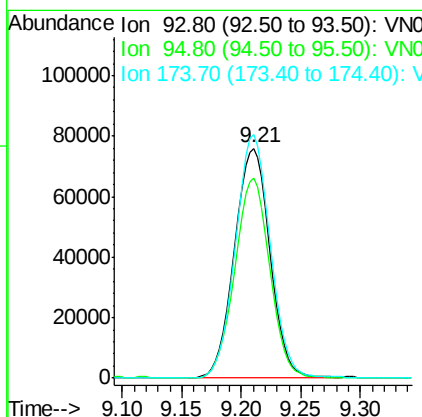
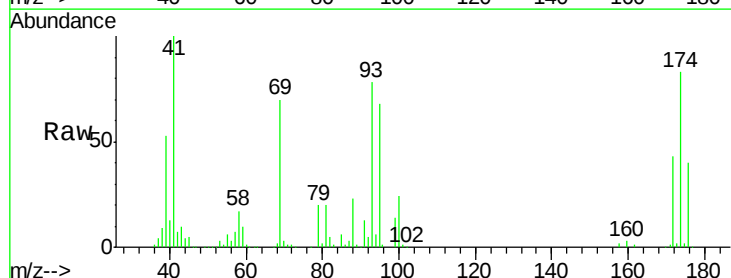
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

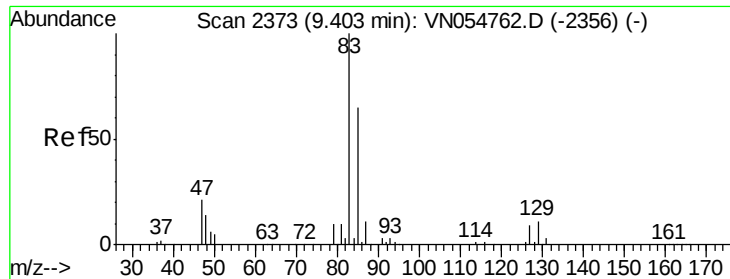
Tgt Ion: 63 Resp: 280453
 Ion Ratio Lower Upper
 63 100
 65 29.7 25.0 37.6



#46
 Dibromomethane
 Concen: 51.263 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN054769.D
 Acq: 29 Mar 2019 14:44

Tgt Ion: 93 Resp: 157712
 Ion Ratio Lower Upper
 93 100
 95 85.7 66.7 100.1
 174 103.6 98.5 147.7





#47

Bromodichloromethane

Concen: 52.963 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

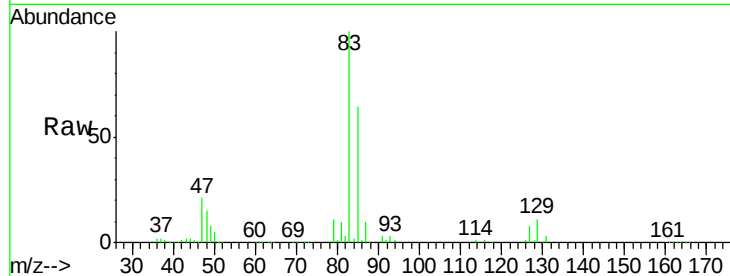
Tgt Ion: 83 Resp: 338641

Ion Ratio Lower Upper

83 100

85 64.3 52.8 79.2

127 8.3 7.4 11.2

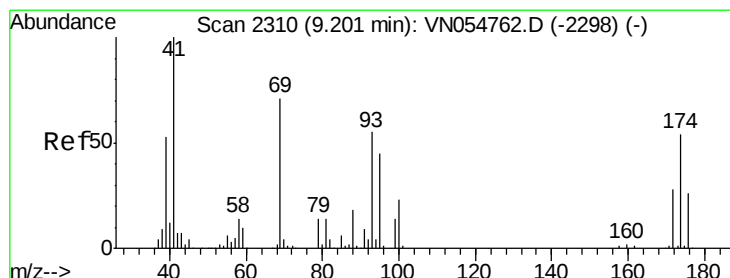
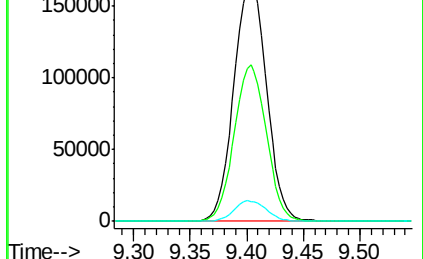
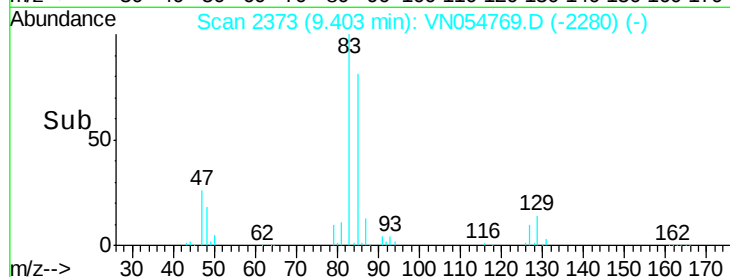


Abundance Ion 82.90 (82.60 to 83.60): VN054769.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN054769.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN054769.D (-2280) (-)

Time-->



#48

Methyl methacrylate

Concen: 53.649 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

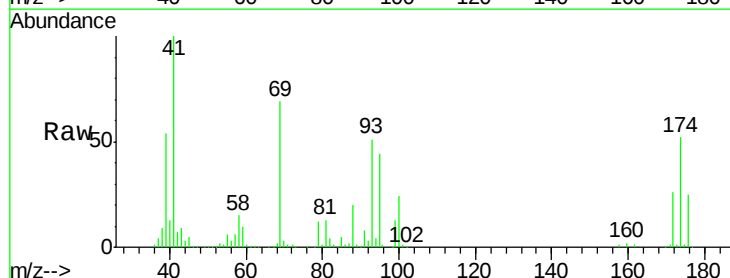
Tgt Ion: 41 Resp: 232280

Ion Ratio Lower Upper

41 100

69 73.7 72.6 108.8

39 55.2 47.5 71.3

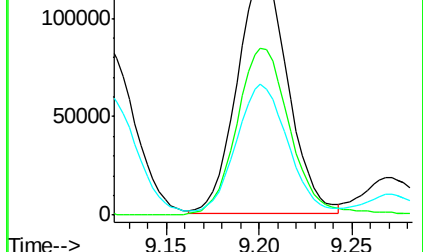
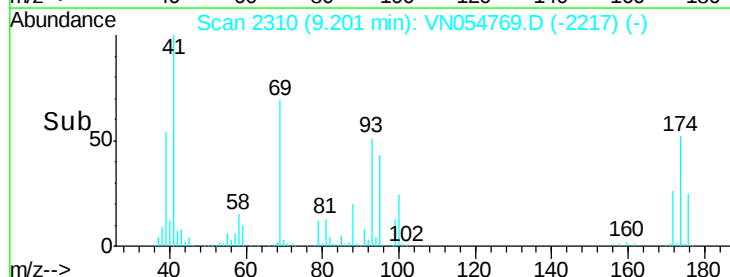


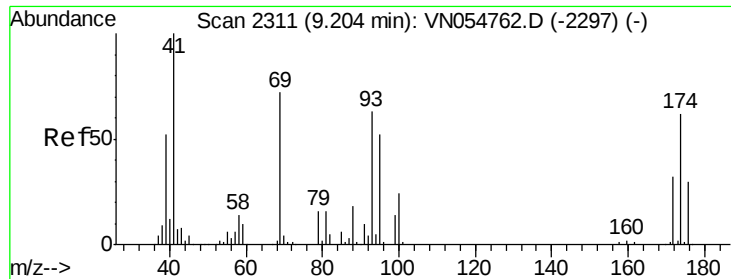
Abundance Ion 41.00 (40.70 to 41.70): VN054769.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN054769.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN054769.D (-2217) (-)

Time-->

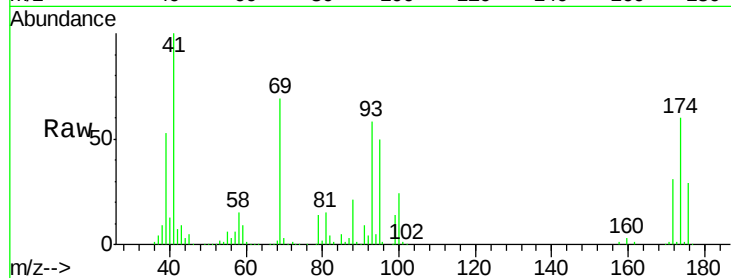




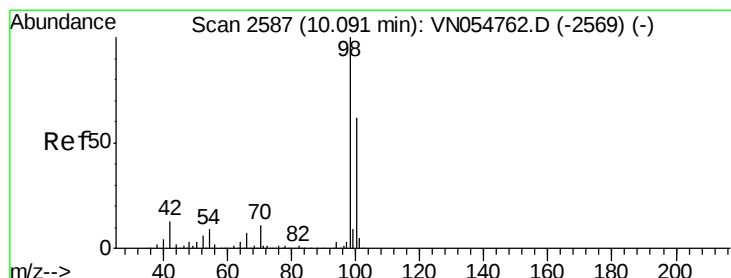
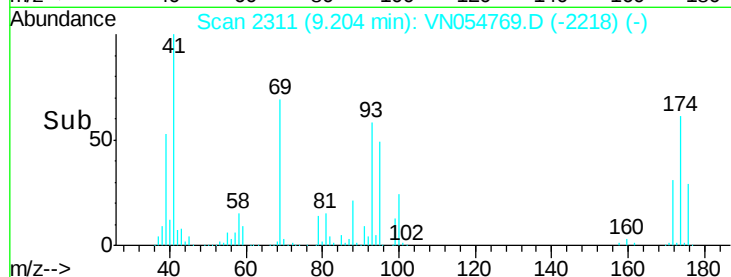
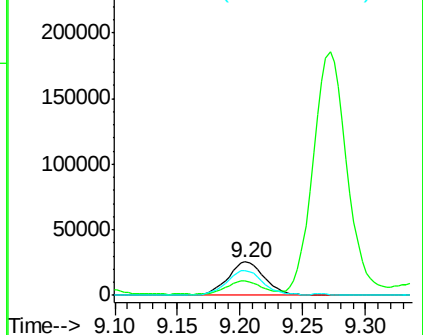
#49
 1,4-Dioxane
 Concen: 1207.310 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN054769.D
 Acq: 29 Mar 2019 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 88 Resp: 51865
 Ion Ratio Lower Upper
 88 100
 43 39.2 24.1 36.1#
 58 73.4 50.8 76.2

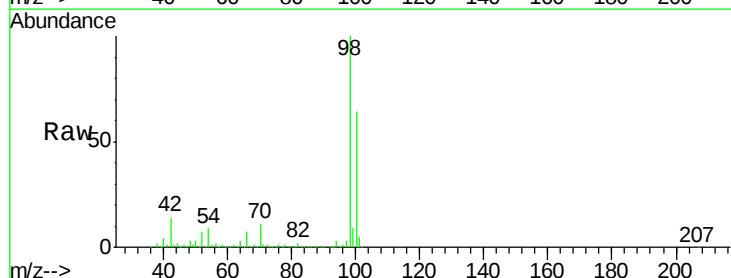


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

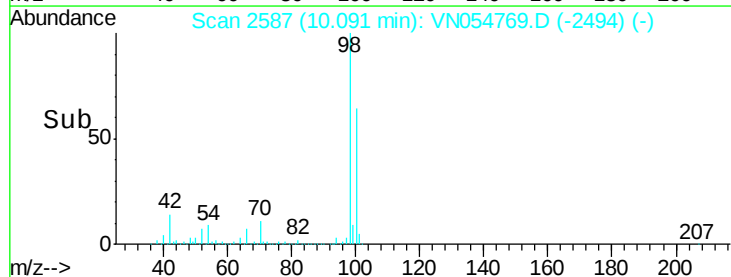
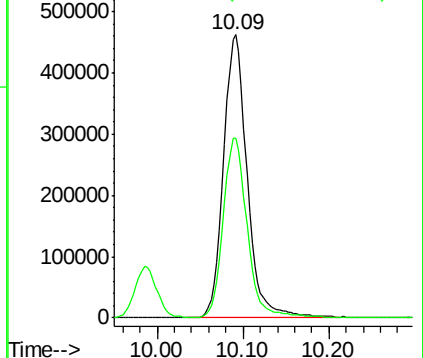


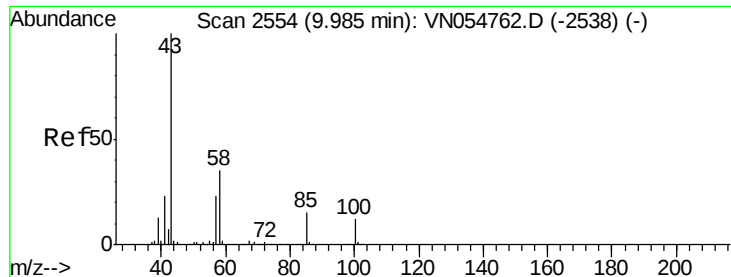
#50
 Toluene-d8
 Concen: 49.817 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN054769.D
 Acq: 29 Mar 2019 14:44

Tgt Ion: 98 Resp: 888254
 Ion Ratio Lower Upper
 98 100
 100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 279.575 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

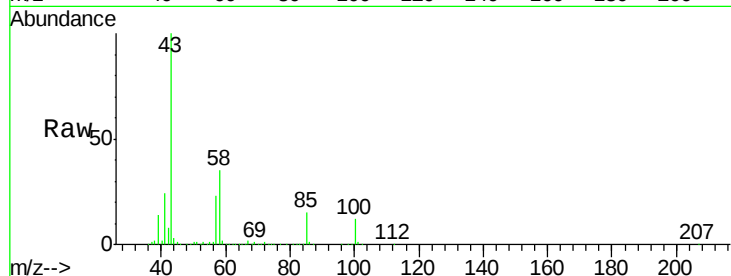
VSTDCCC050

Tgt Ion: 43 Resp: 1255439

Ion Ratio Lower Upper

43 100

58 35.2 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN054762.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN054762.D (-2538) (-)

9.99

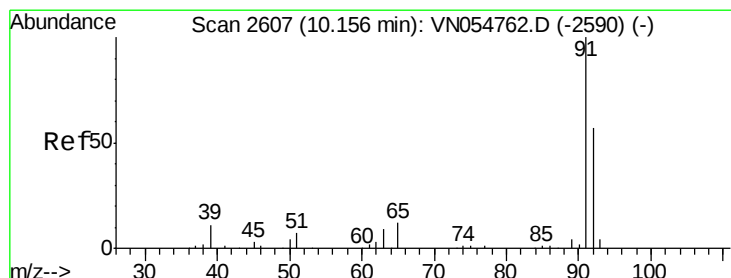
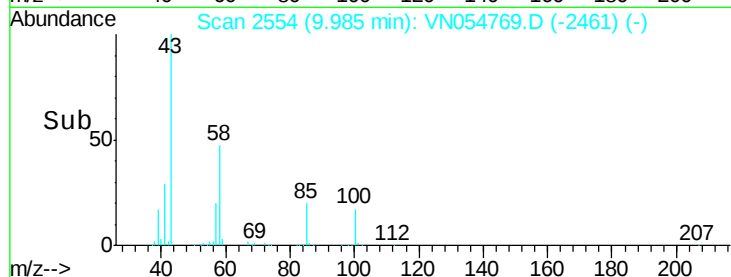
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 52.108 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054769.D

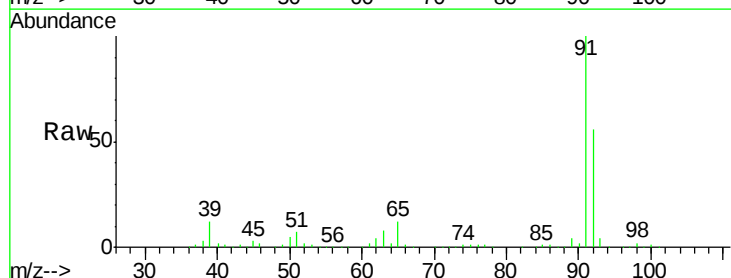
Acq: 29 Mar 2019 14:44

Tgt Ion: 92 Resp: 594708

Ion Ratio Lower Upper

92 100

91 178.0 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN054762.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN054762.D (-2590) (-)

10.16

600000

500000

400000

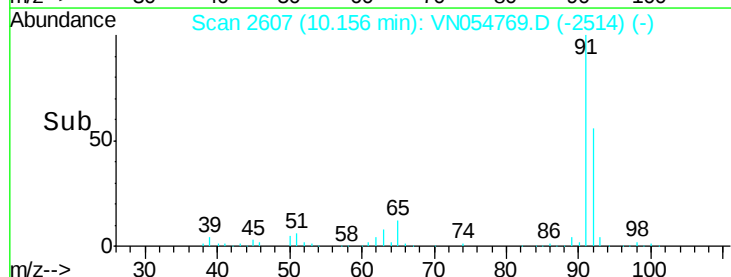
300000

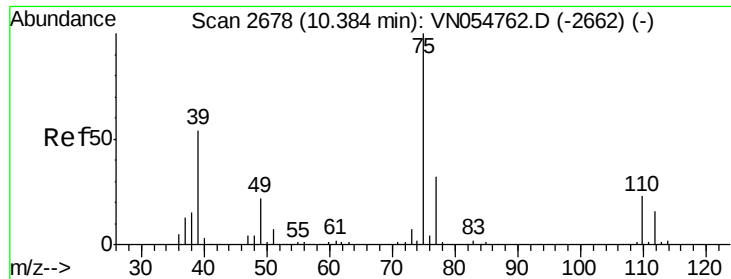
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 55.463 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

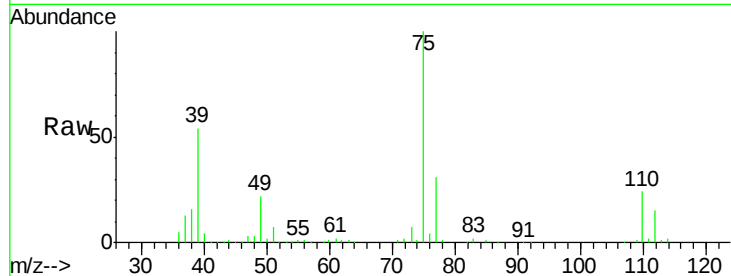
VSTDCCC050

Tgt Ion: 75 Resp: 333587

Ion Ratio Lower Upper

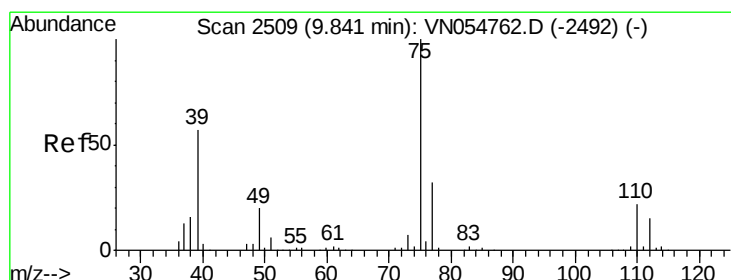
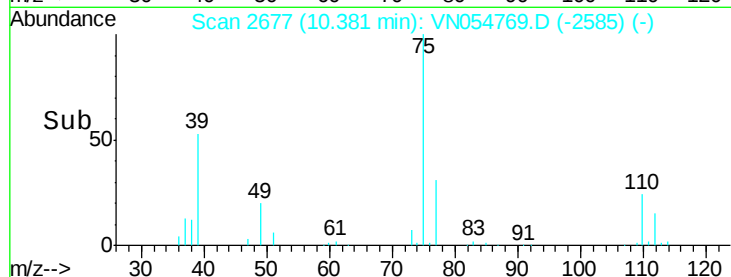
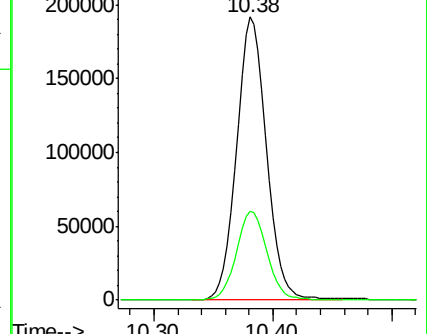
75 100

77 31.0 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 55.357 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

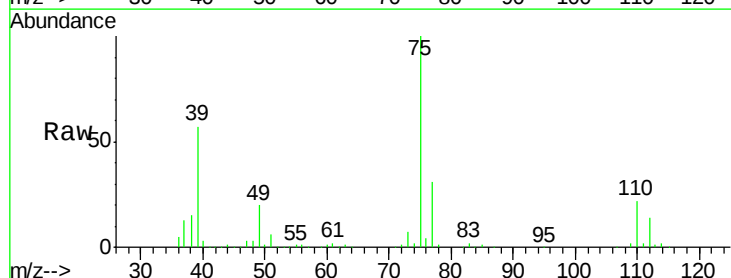
Tgt Ion: 75 Resp: 397724

Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.0

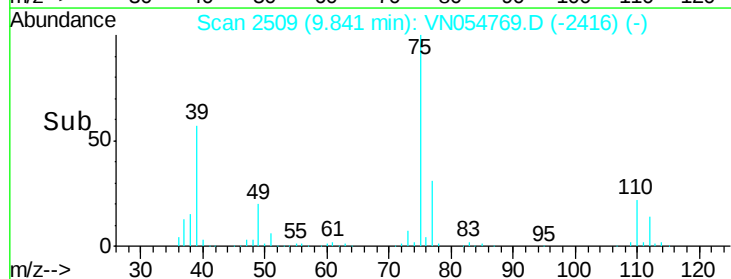
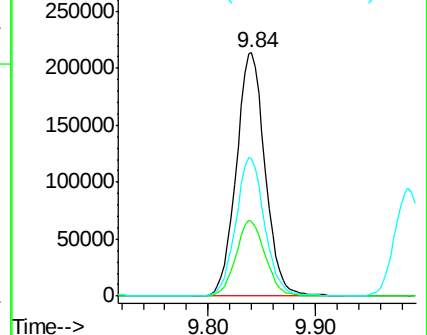
39 56.5 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

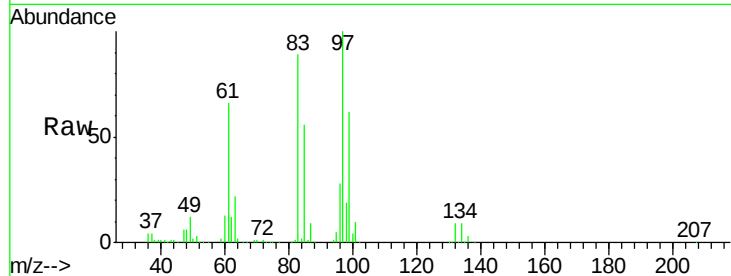




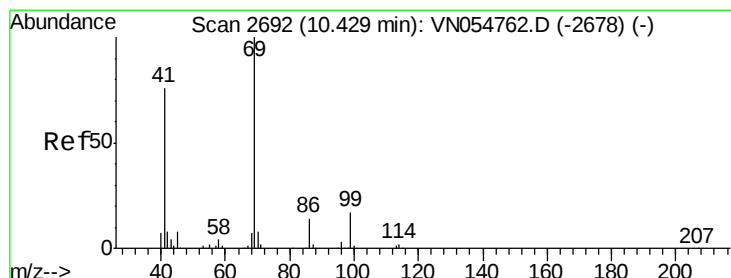
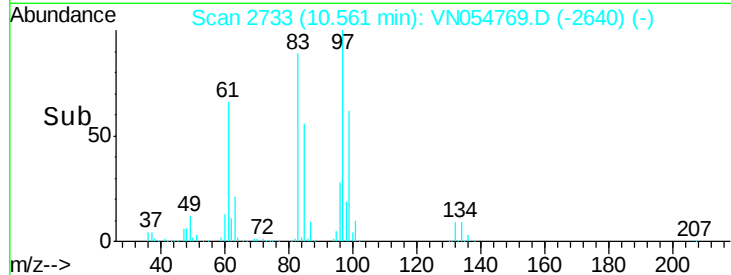
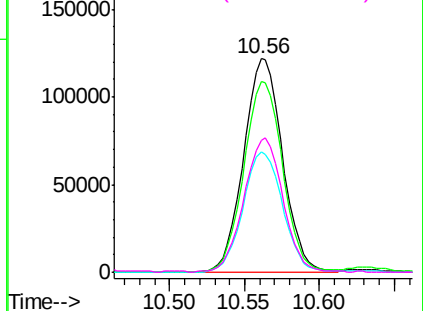
#55
 1,1,2-Trichloroethane
 Concen: 52.026 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN054769.D
 Acq: 29 Mar 2019 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 220787
 Ion Ratio Lower Upper
 97 100
 83 89.4 66.6 100.0
 85 56.2 44.4 66.6
 99 61.6 50.8 76.2

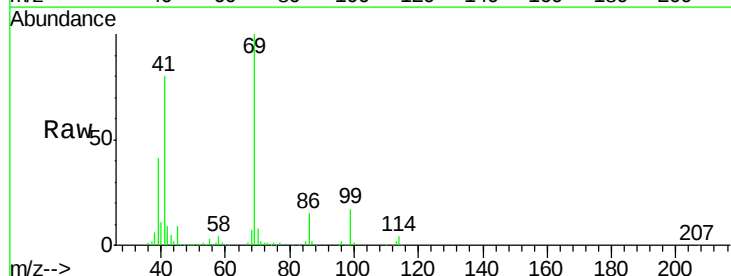


Abundance Ion 96.90 (96.60 to 97.60): VNC
 Ion 82.90 (82.60 to 83.60): VNC
 Ion 84.90 (84.60 to 85.60): VNC
 Ion 98.90 (98.60 to 99.60): VNC

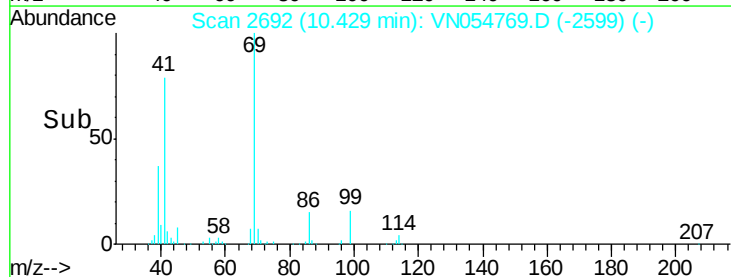
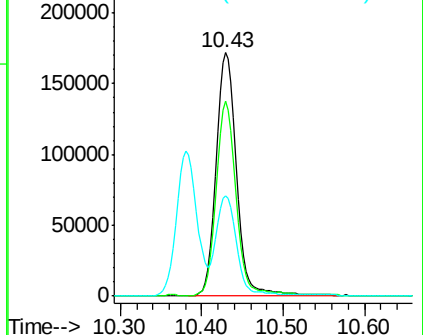


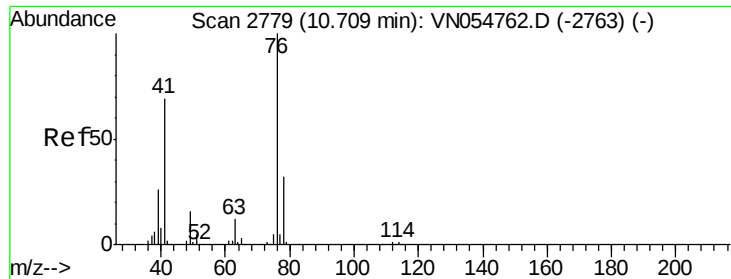
#56
 Ethyl methacrylate
 Concen: 55.436 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN054769.D
 Acq: 29 Mar 2019 14:44

Tgt Ion: 69 Resp: 308607
 Ion Ratio Lower Upper
 69 100
 41 77.4 49.4 74.2#
 39 40.4 28.3 42.5



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





#57

1,3-Dichloropropane

Concen: 53.508 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

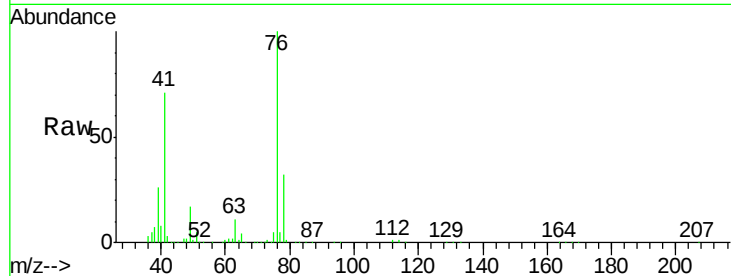
VSTDCCC050

Tgt Ion: 76 Resp: 390387

Ion Ratio Lower Upper

76 100

78 31.9 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN054769.D (-2686) (-)

Ion 77.90 (77.60 to 78.60): VN054769.D (-2686) (-)

10.71

250000

200000

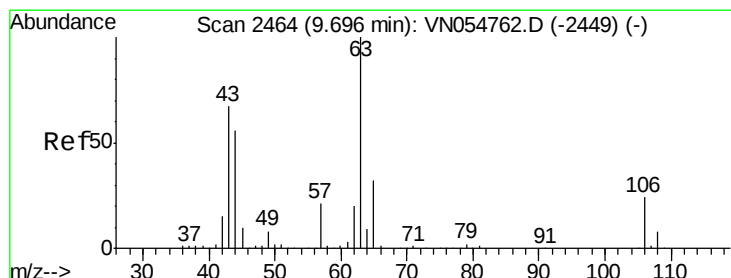
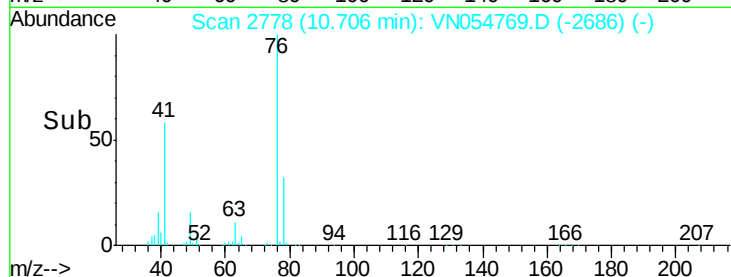
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 257.895 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN054769.D

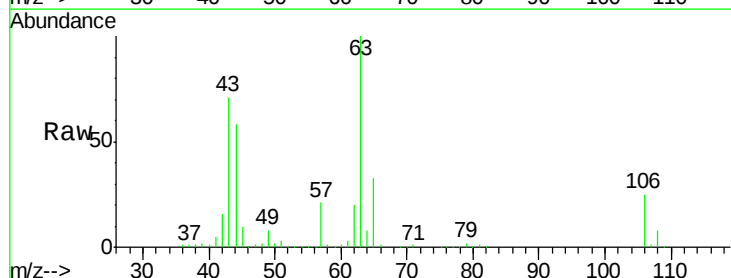
Acq: 29 Mar 2019 14:44

Tgt Ion: 63 Resp: 619250

Ion Ratio Lower Upper

63 100

106 24.5 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN054769.D (-2370) (-)

Ion 105.90 (105.60 to 106.60): VN054769.D (-2370) (-)

9.70

400000

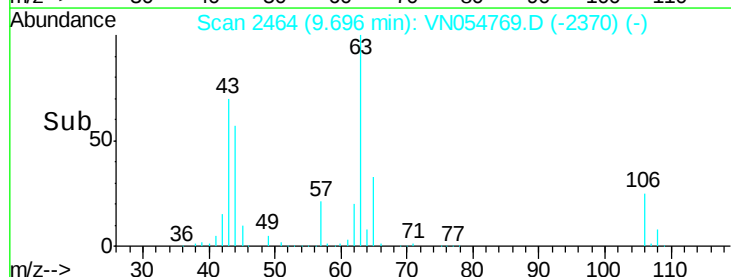
300000

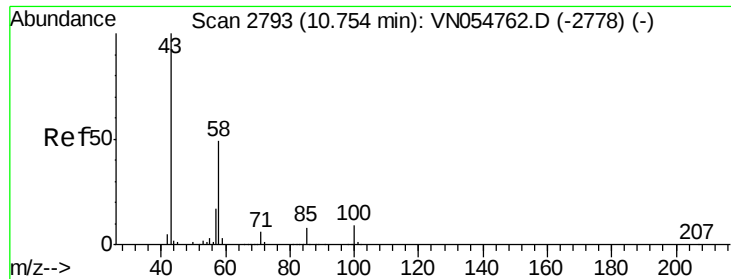
200000

100000

0

Time-->

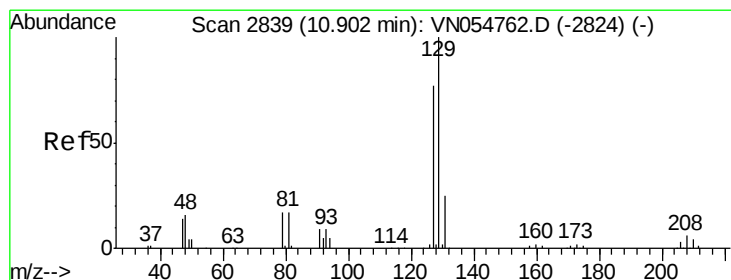
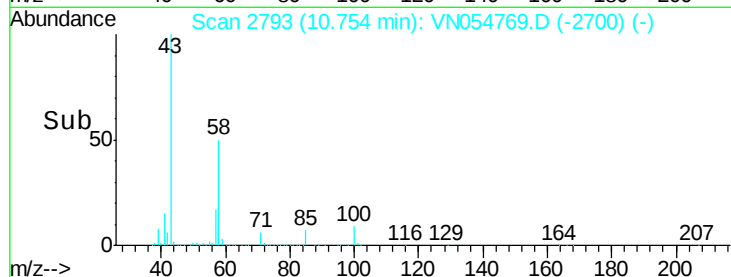
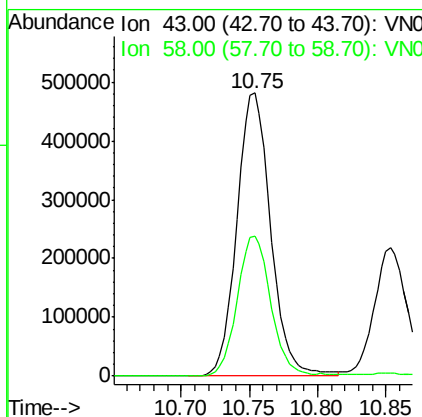
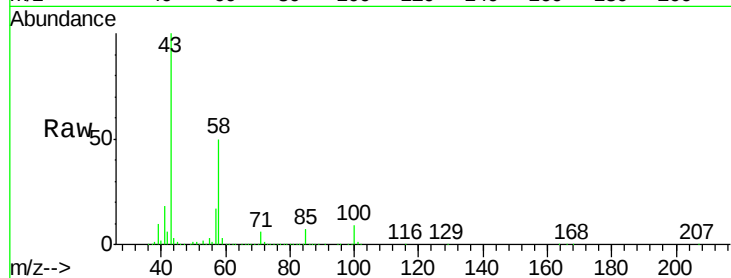




#59
2-Hexanone
Concen: 288.077 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN054769.D
Acq: 29 Mar 2019 14:44

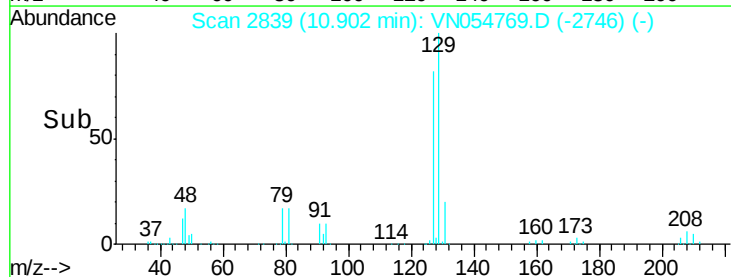
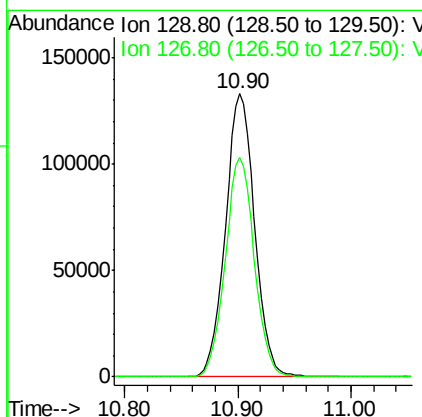
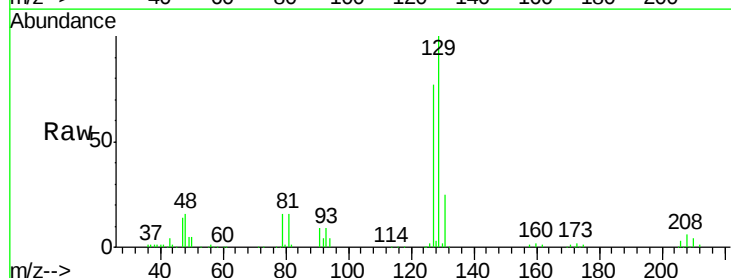
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

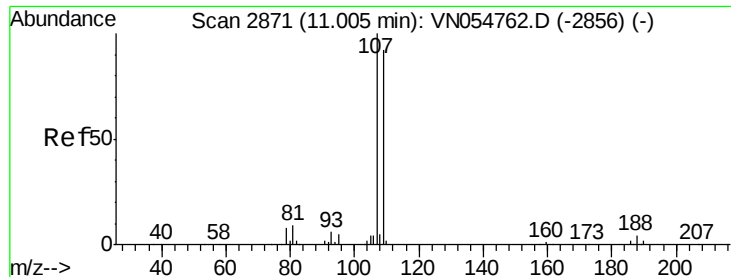
Tgt Ion: 43 Resp: 828123
Ion Ratio Lower Upper
43 100
58 49.6 28.0 83.9



#60
Dibromochloromethane
Concen: 55.421 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN054769.D
Acq: 29 Mar 2019 14:44

Tgt Ion: 129 Resp: 238243
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8

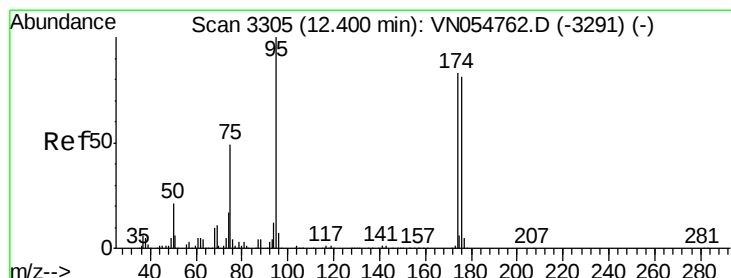
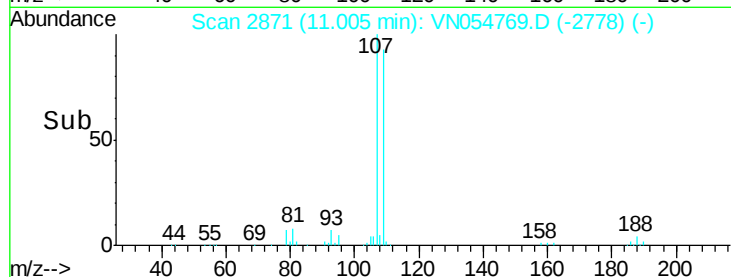
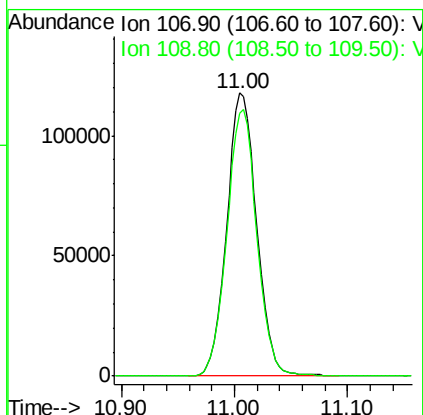
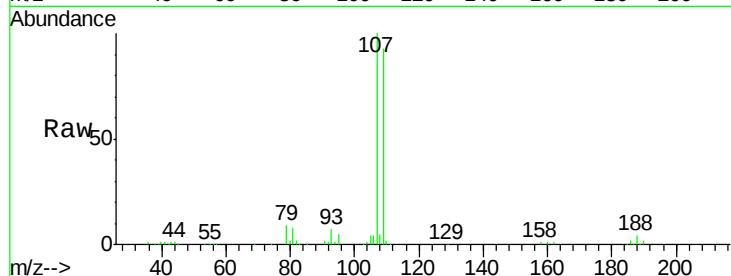




#61
 1,2-Dibromoethane
 Concen: 53.382 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN054769.D
 Acq: 29 Mar 2019 14:44

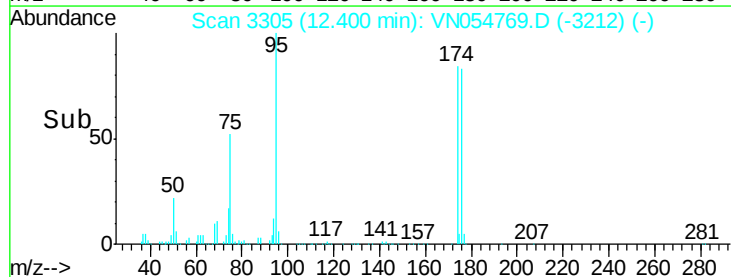
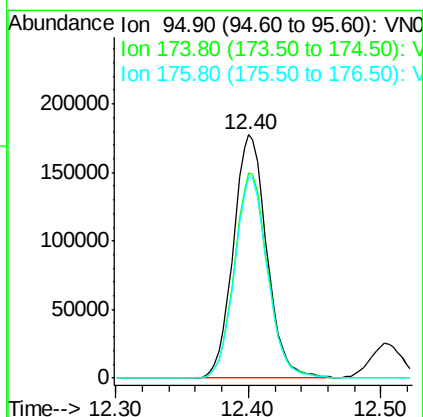
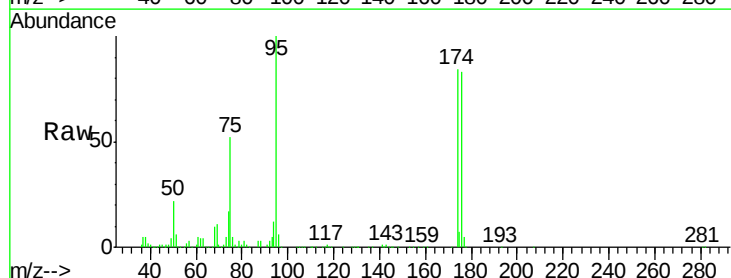
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

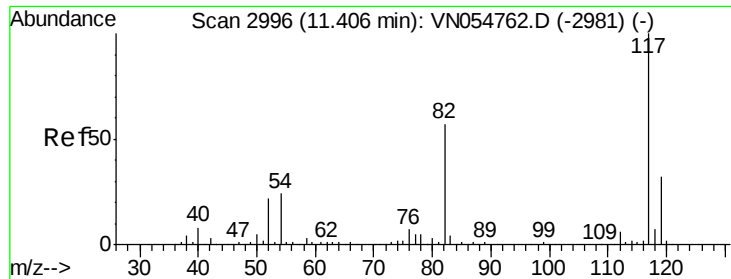
Tgt Ion: 107 Resp: 216492
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 52.453 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN054769.D
 Acq: 29 Mar 2019 14:44

Tgt Ion: 95 Resp: 311039
 Ion Ratio Lower Upper
 95 100
 174 83.9 0.0 191.0
 176 81.7 0.0 187.4

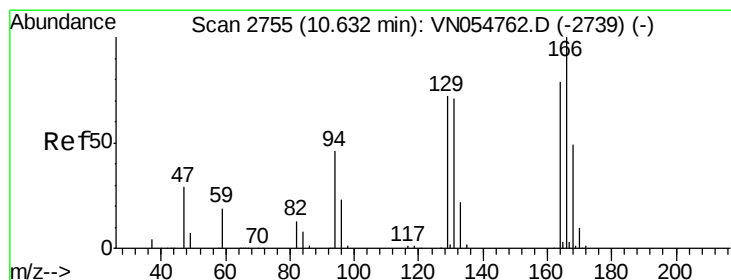
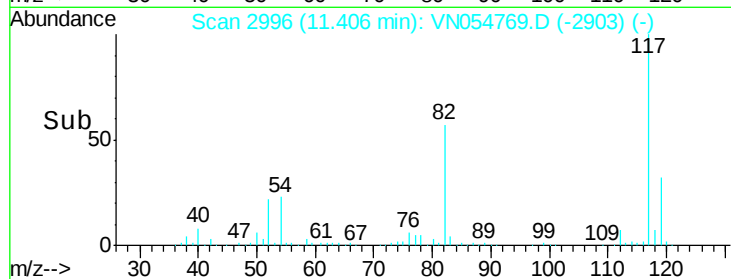
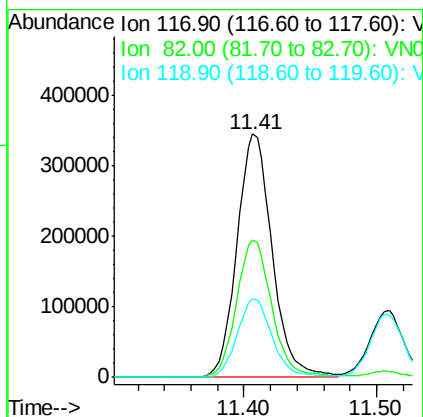
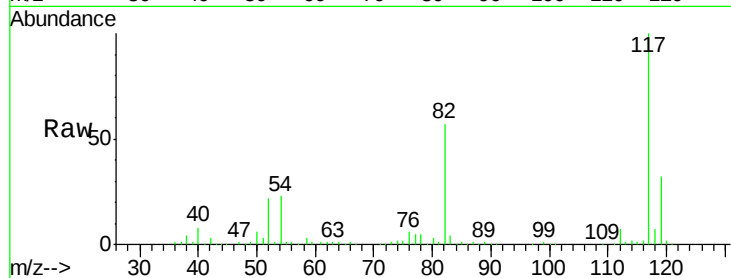




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054769.D
Acq: 29 Mar 2019 14:44

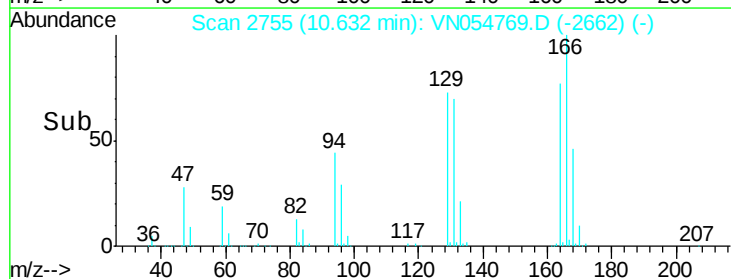
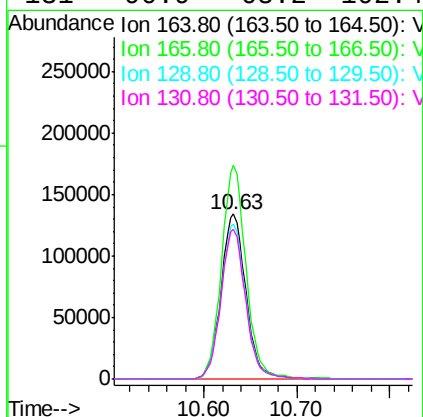
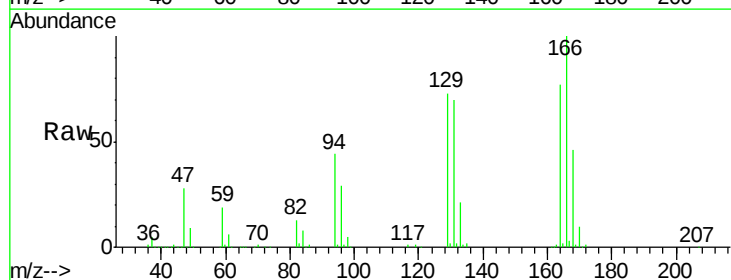
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 638679
Ion Ratio Lower Upper
117 100
82 56.6 40.0 60.0
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 51.090 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN054769.D
Acq: 29 Mar 2019 14:44

Tgt Ion:164 Resp: 250394
Ion Ratio Lower Upper
164 100
166 129.6 103.9 155.9
129 94.0 71.1 106.7
131 90.9 68.2 102.4

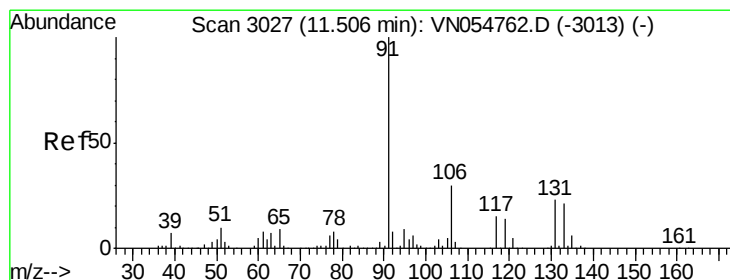
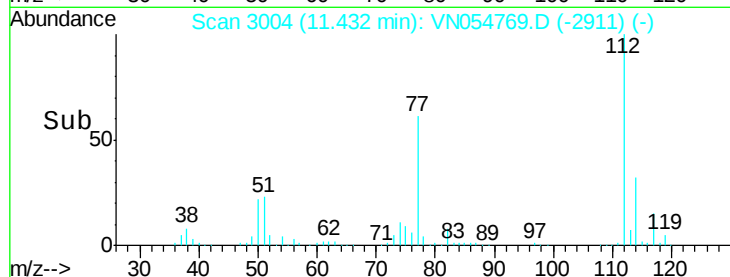
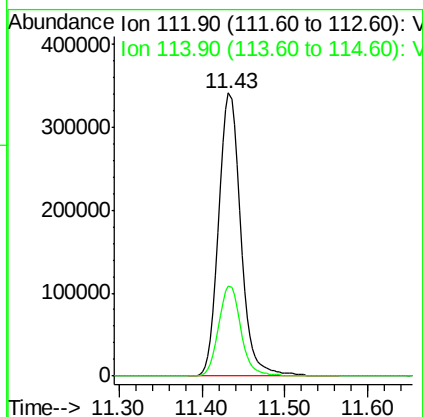
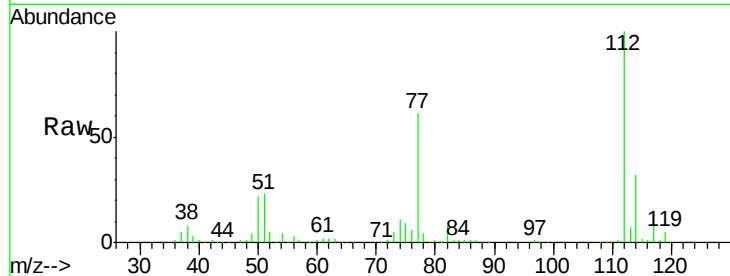




#65
Chlorobenzene
Concen: 50.391 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN054769.D
Acq: 29 Mar 2019 14:44

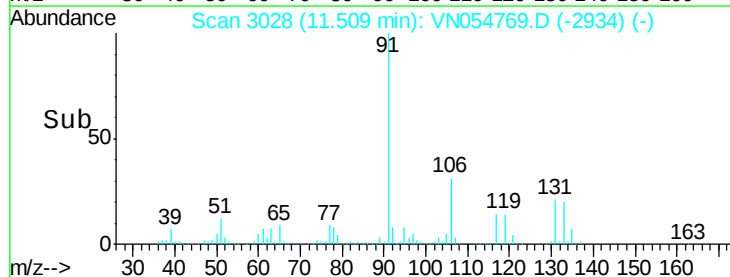
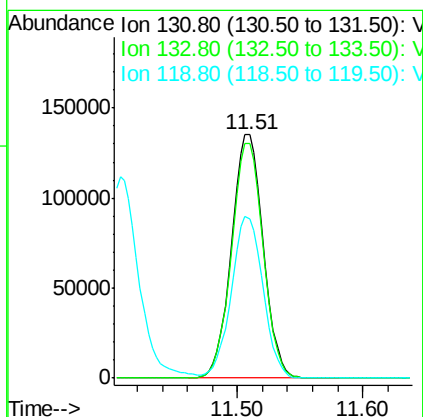
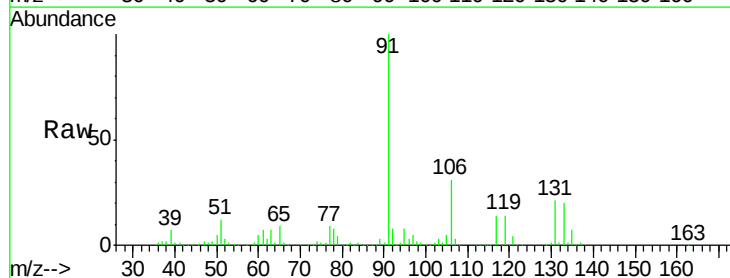
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

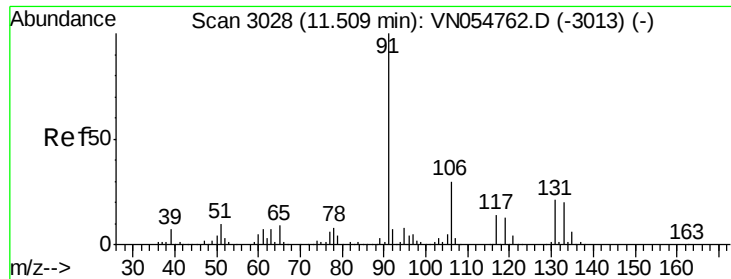
Tgt Ion:112 Resp: 630126
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.637 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054769.D
Acq: 29 Mar 2019 14:44

Tgt Ion:131 Resp: 237004
Ion Ratio Lower Upper
131 100
133 96.1 47.6 142.9
119 66.6 32.4 97.0

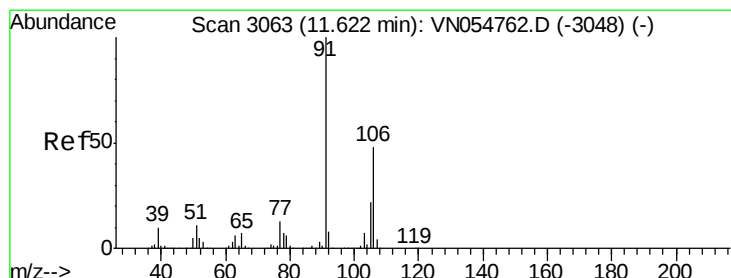
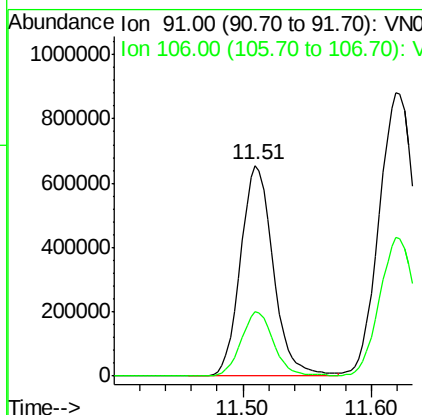
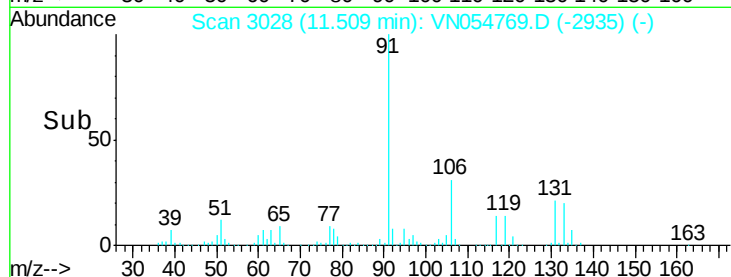
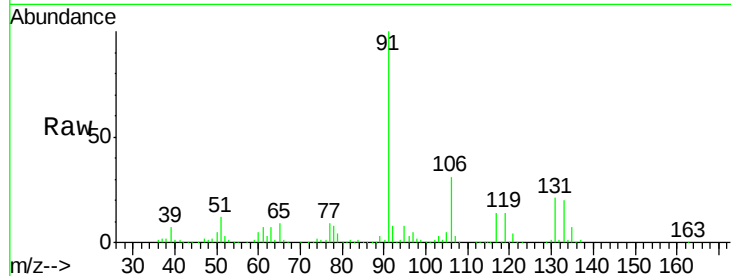




#67
Ethyl Benzene
Concen: 51.391 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054769.D
Acq: 29 Mar 2019 14:44

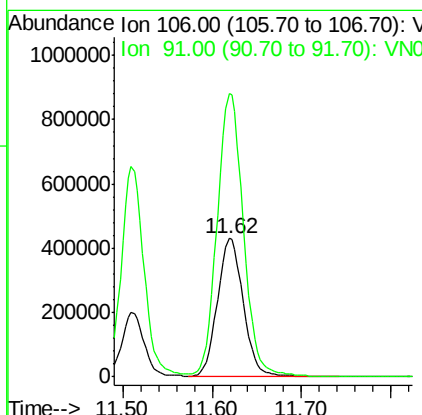
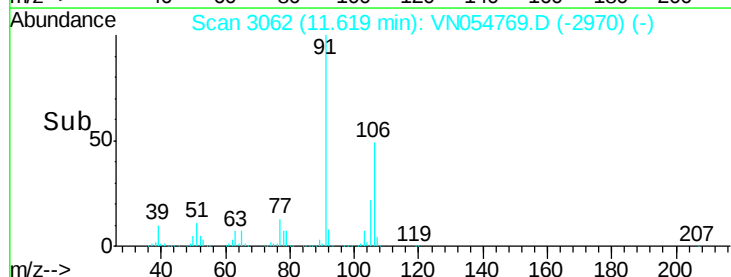
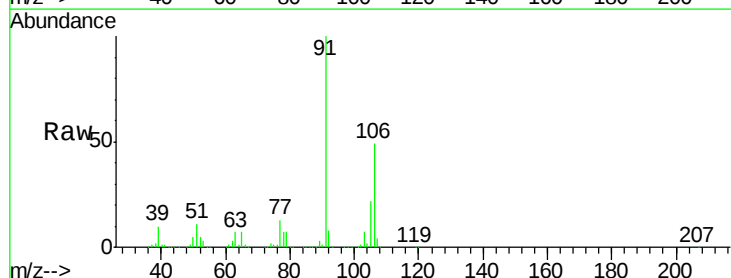
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

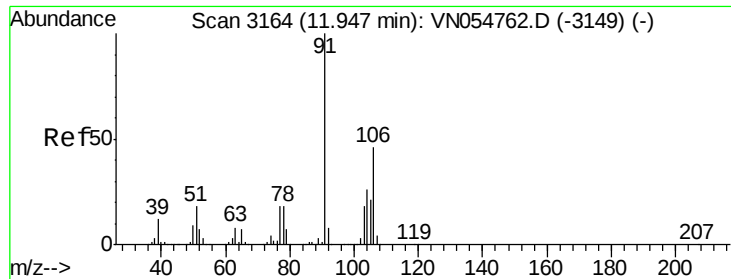
Tgt Ion: 91 Resp: 1159640
Ion Ratio Lower Upper
91 100
106 30.6 25.5 38.3



#68
m/p-Xylenes
Concen: 104.000 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054769.D
Acq: 29 Mar 2019 14:44

Tgt Ion: 106 Resp: 868457
Ion Ratio Lower Upper
106 100
91 207.7 159.4 239.2

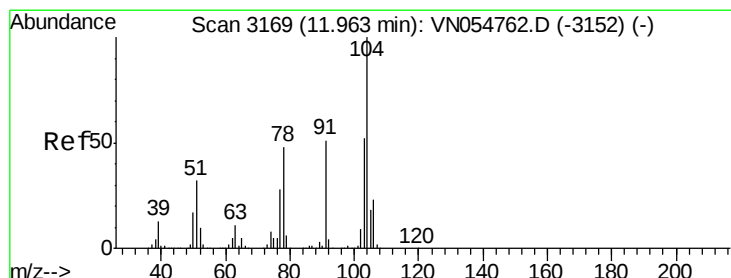
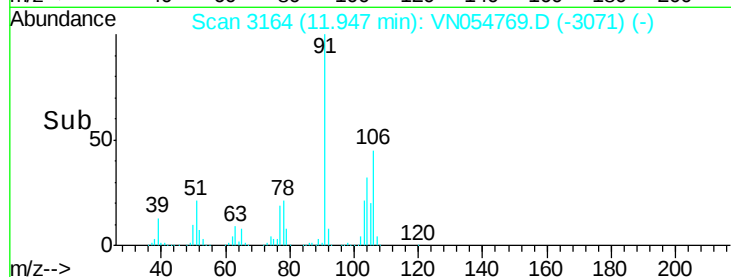
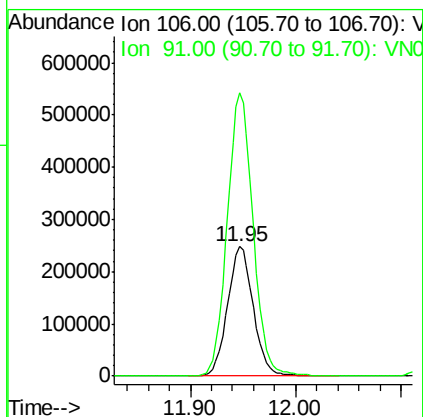
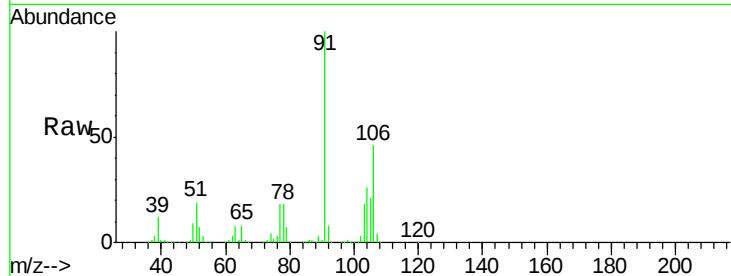




#69
o-Xylene
Concen: 51.046 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054769.D
Acq: 29 Mar 2019 14:44

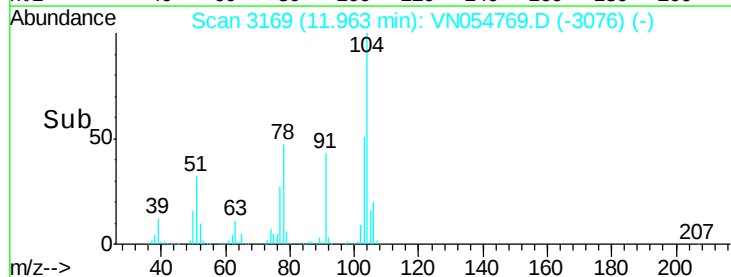
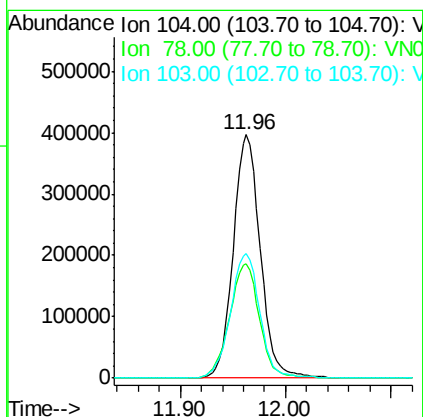
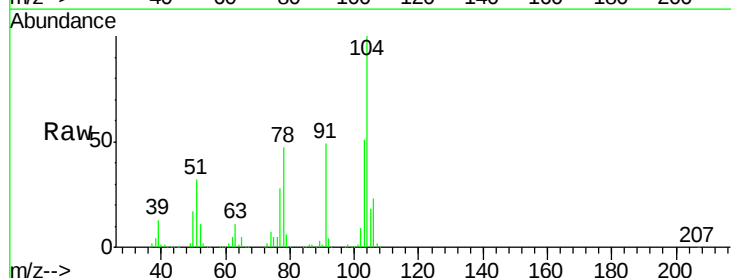
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 417990
Ion Ratio Lower Upper
106 100
91 218.9 105.7 317.1



#70
Styrene
Concen: 53.741 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054769.D
Acq: 29 Mar 2019 14:44

Tgt Ion:104 Resp: 703614
Ion Ratio Lower Upper
104 100
78 51.9 38.2 57.2
103 55.7 44.4 66.6





#71

Bromoform

Concen: 54.971 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

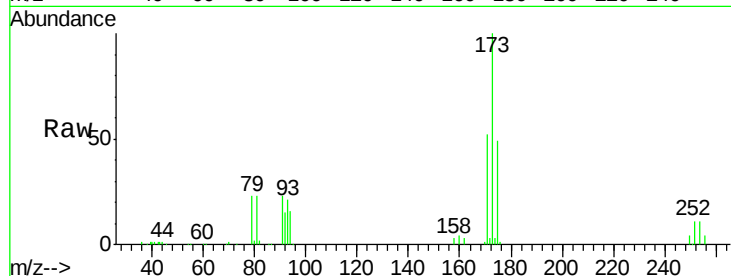
Tgt Ion:173 Resp: 150729

Ion Ratio Lower Upper

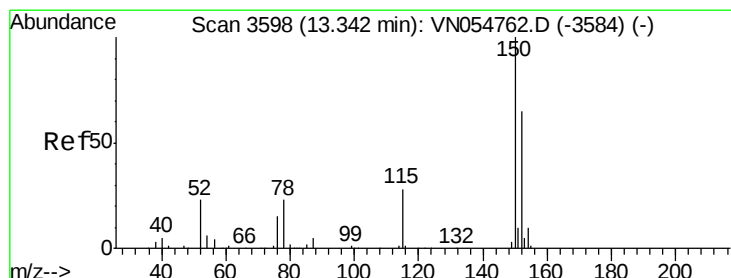
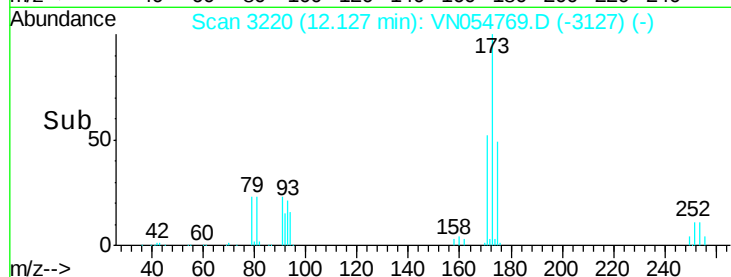
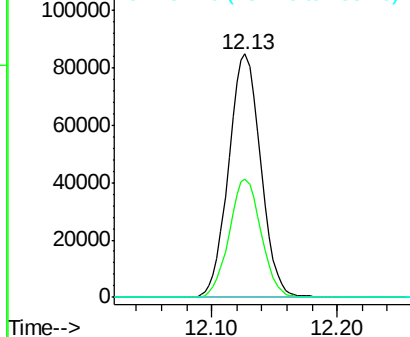
173 100

175 48.2 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: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

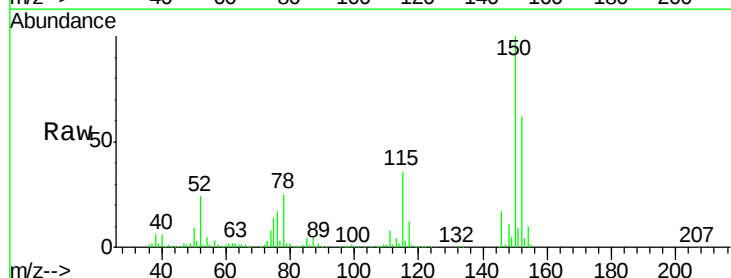
Tgt Ion:152 Resp: 291933

Ion Ratio Lower Upper

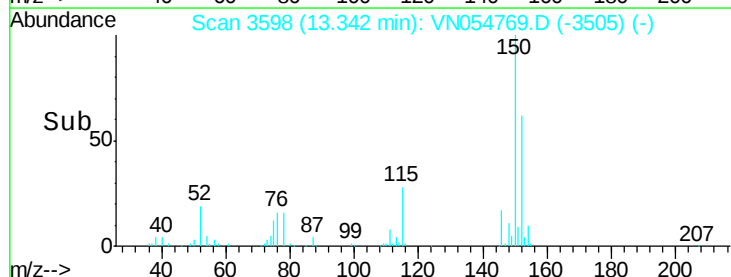
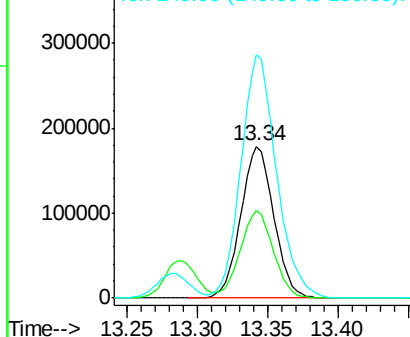
152 100

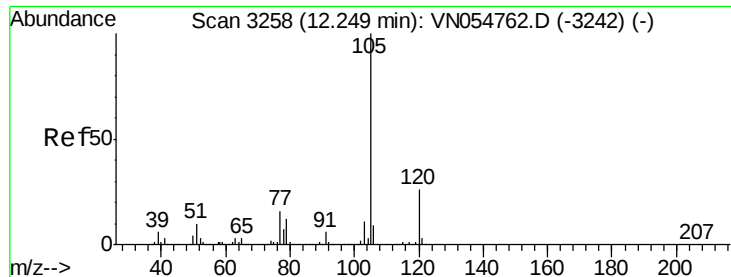
115 57.8 27.2 81.6

150 173.3 0.0 349.2



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





#73

Isopropylbenzene

Concen: 46.643 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

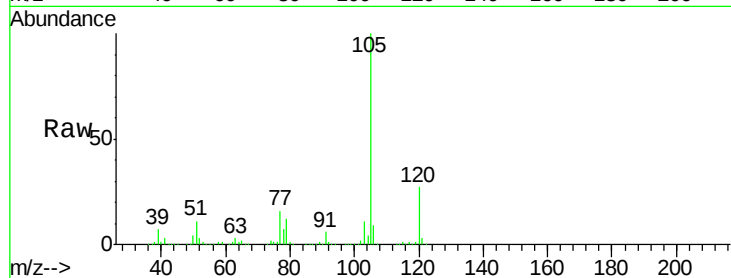
VSTDCCC050

Tgt Ion:105 Resp: 1112974

Ion Ratio Lower Upper

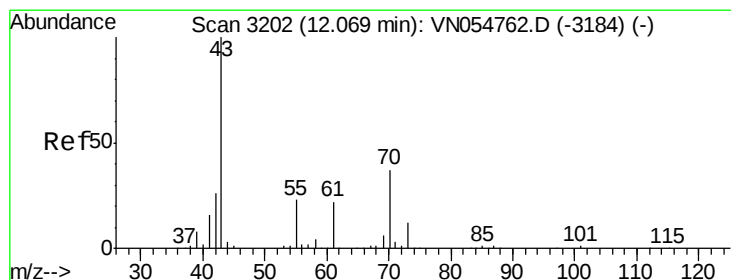
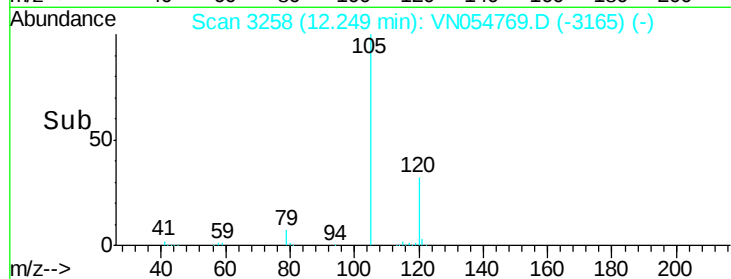
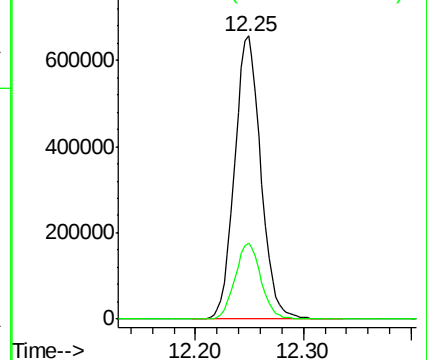
105 100

120 26.6 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.994 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

Tgt Ion: 43 Resp: 371648

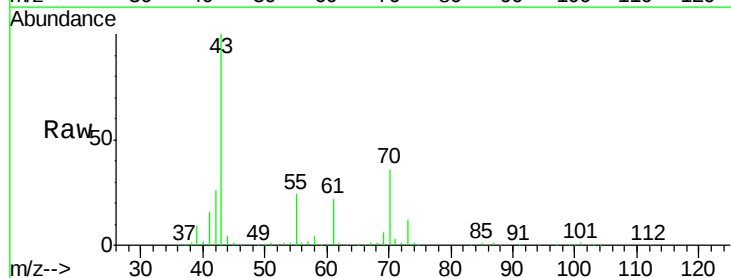
Ion Ratio Lower Upper

43 100

70 36.5 35.4 53.0

55 23.7 19.8 29.6

61 22.2 19.8 29.6

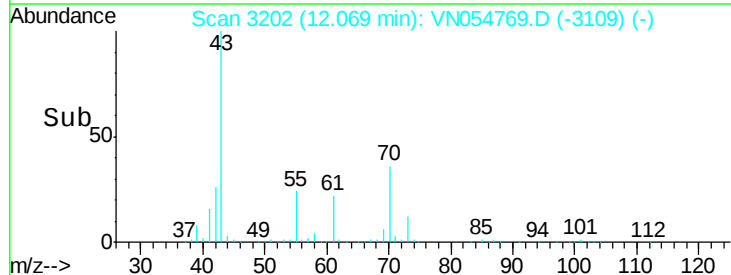
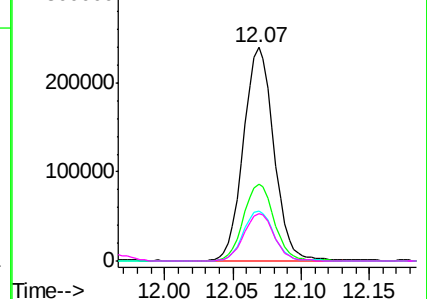


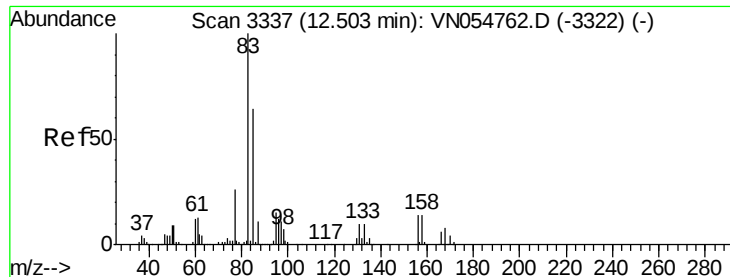
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 52.222 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

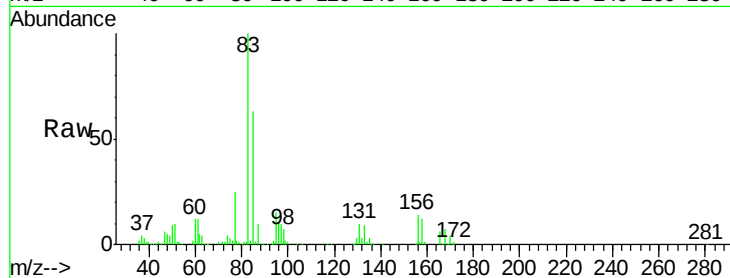
Tgt Ion: 83 Resp: 274293

Ion Ratio Lower Upper

83 100

131 10.4 5.8 17.4

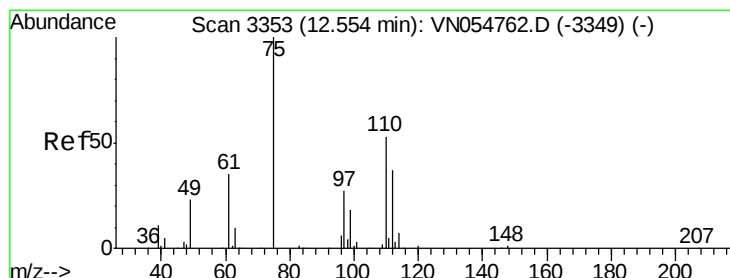
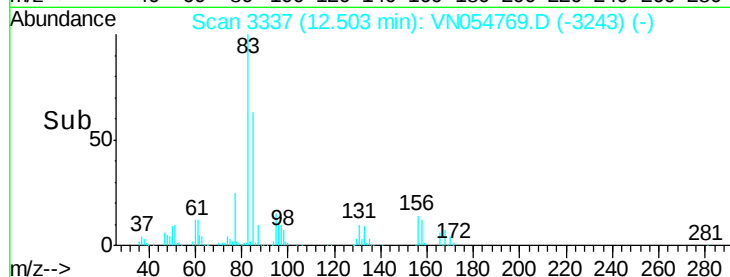
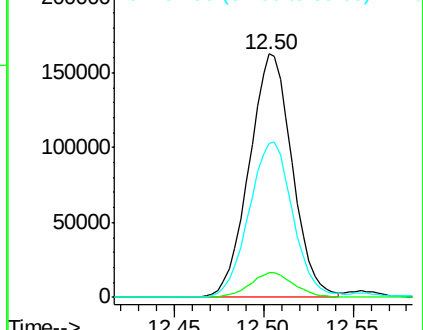
85 64.9 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 66.771 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054769.D

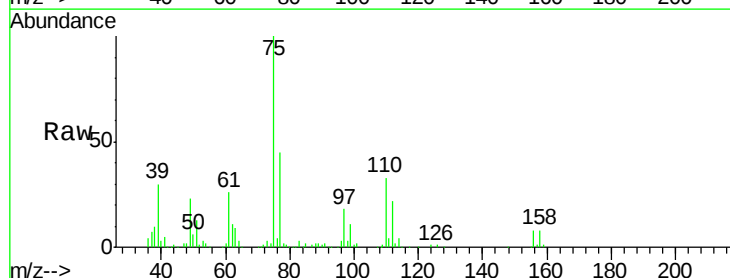
Acq: 29 Mar 2019 14:44

Tgt Ion: 75 Resp: 338631

Ion Ratio Lower Upper

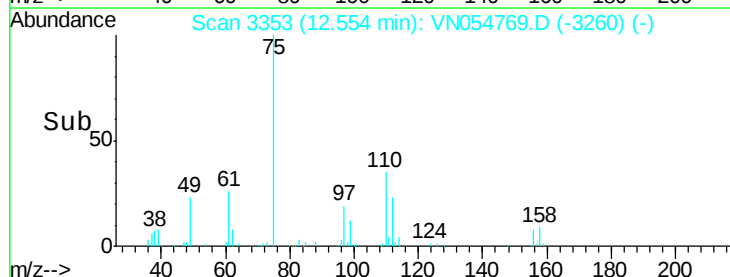
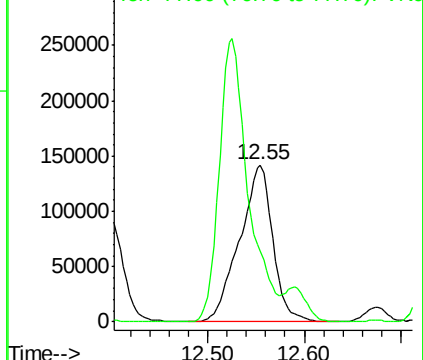
75 100

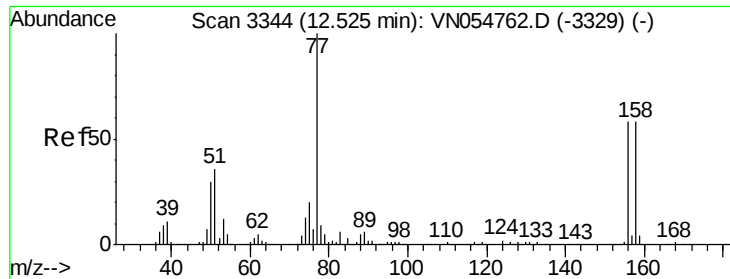
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 47.502 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

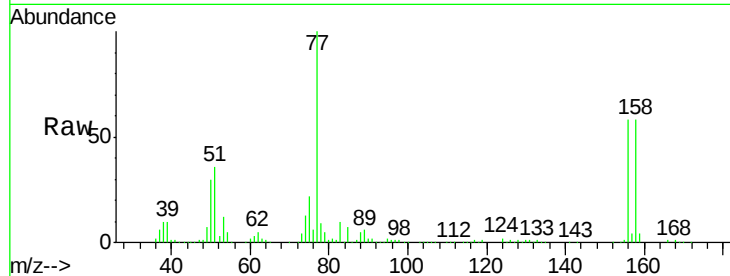
Tgt Ion:156 Resp: 273555

Ion Ratio Lower Upper

156 100

77 195.3 81.5 244.4

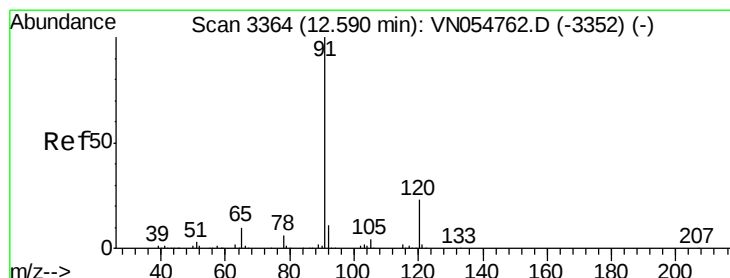
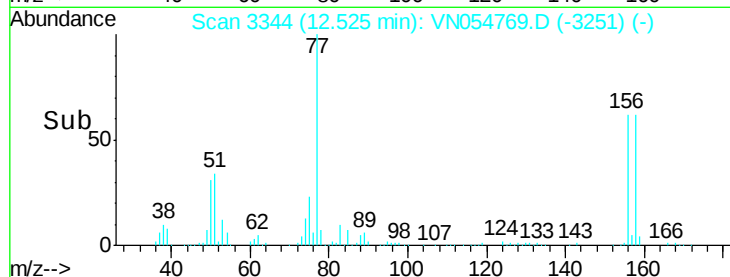
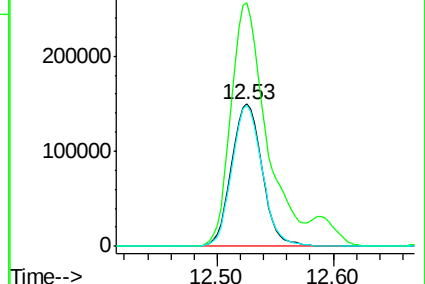
158 97.7 49.0 147.2



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: 48.896 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054769.D

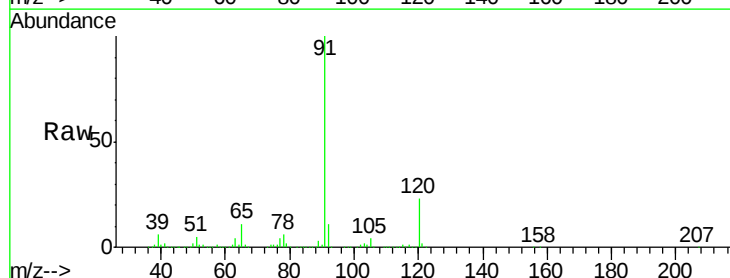
Acq: 29 Mar 2019 14:44

Tgt Ion: 91 Resp: 1282356

Ion Ratio Lower Upper

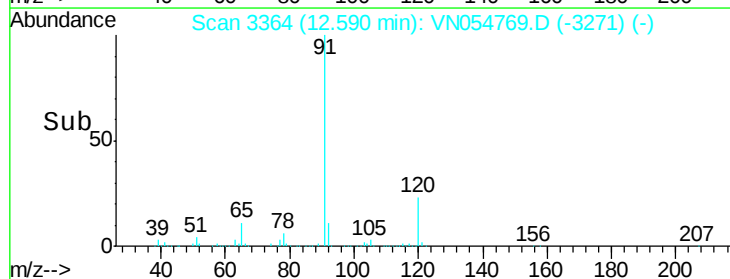
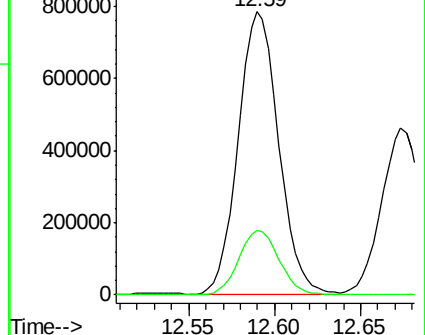
91 100

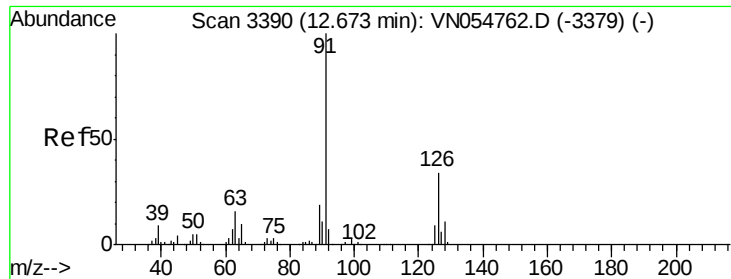
120 22.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.560 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

Instrument :

MSVOA_N

ClientSampled :

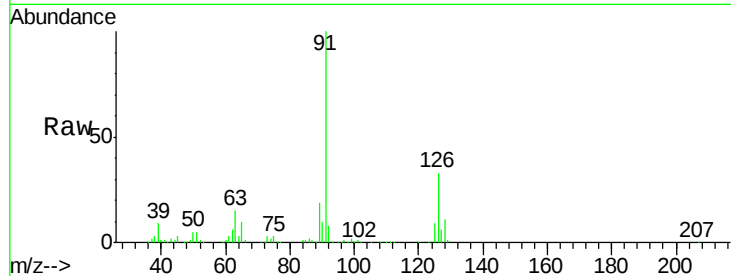
VSTDCCC050

Tgt Ion: 91 Resp: 771676

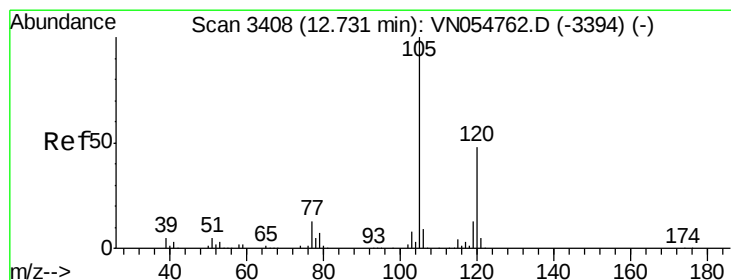
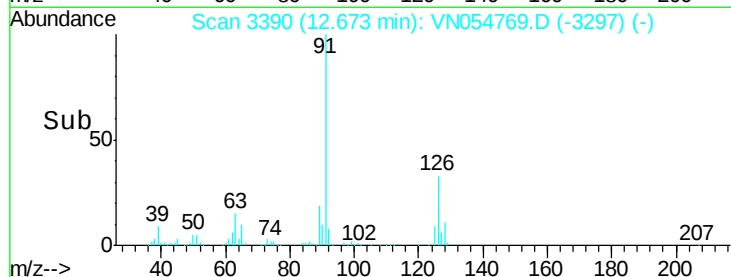
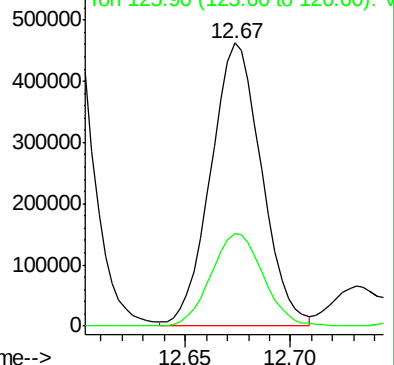
Ion Ratio Lower Upper

91 100

126 33.9 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VN054762.D (-3379) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.848 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054769.D

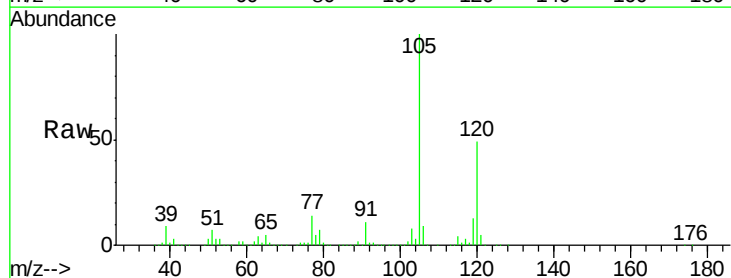
Acq: 29 Mar 2019 14:44

Tgt Ion: 105 Resp: 936823

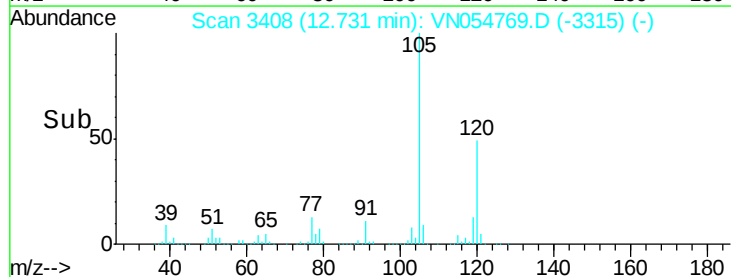
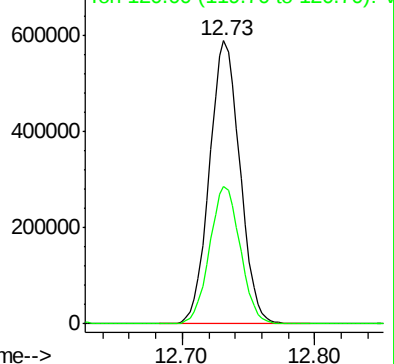
Ion Ratio Lower Upper

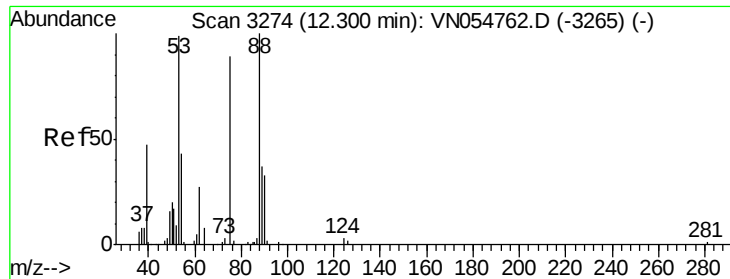
105 100

120 48.9 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054762.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.291 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

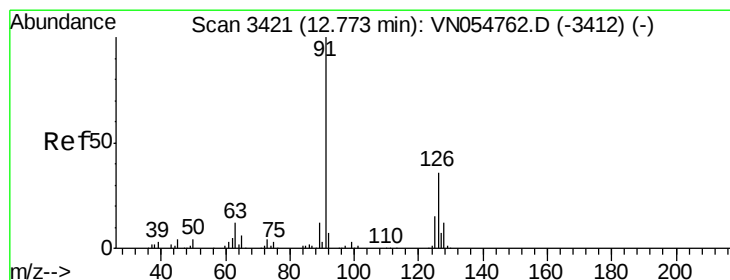
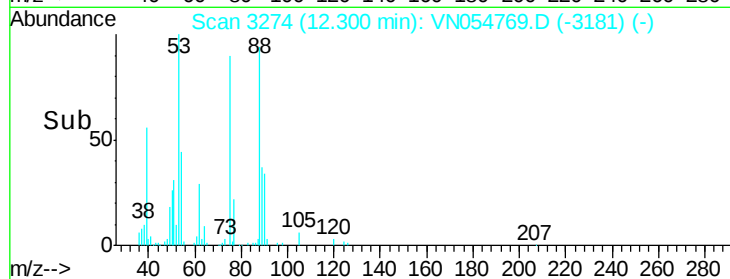
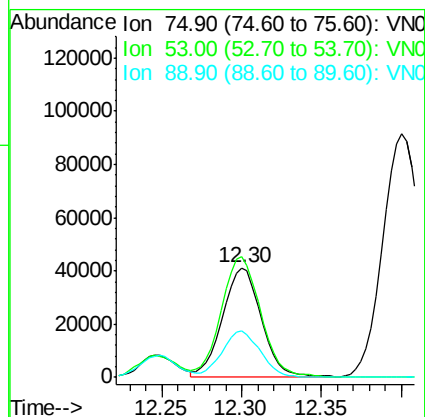
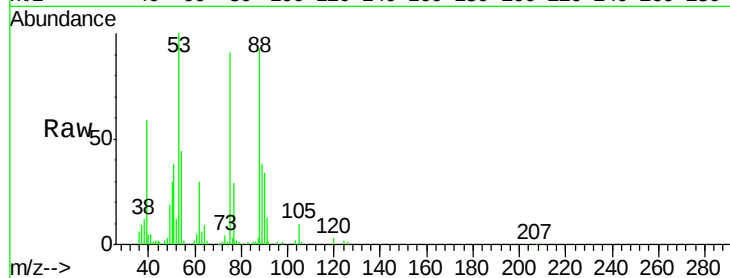
Tgt Ion: 75 Resp: 66875

Ion Ratio Lower Upper

75 100

53 113.9 76.2 114.2

89 43.1 39.2 58.8



#82

4-Chlorotoluene

Concen: 48.962 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN054769.D

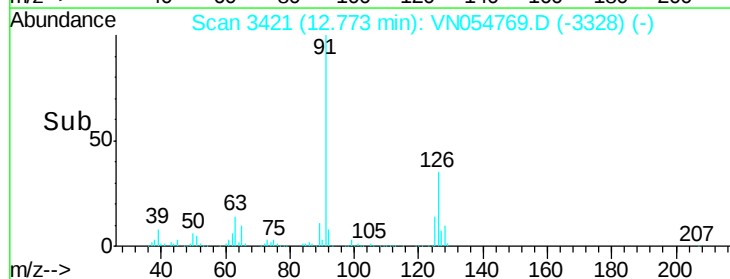
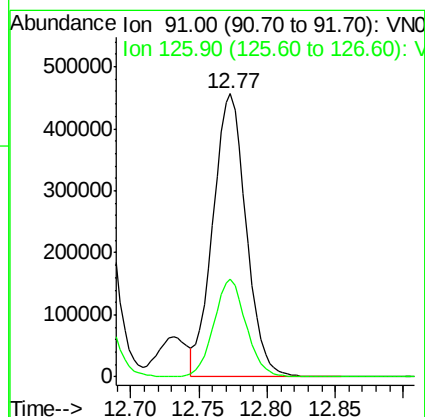
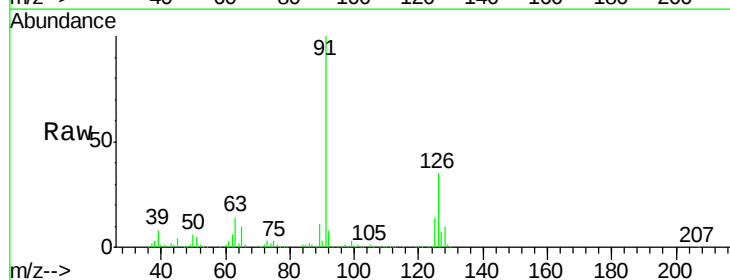
Acq: 29 Mar 2019 14:44

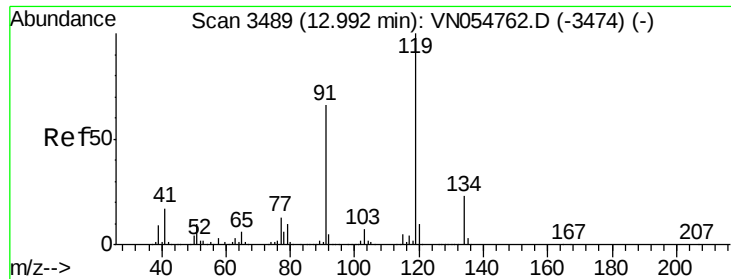
Tgt Ion: 91 Resp: 771622

Ion Ratio Lower Upper

91 100

126 33.7 18.1 54.1

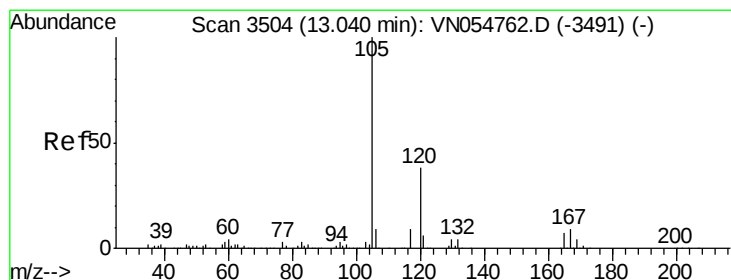
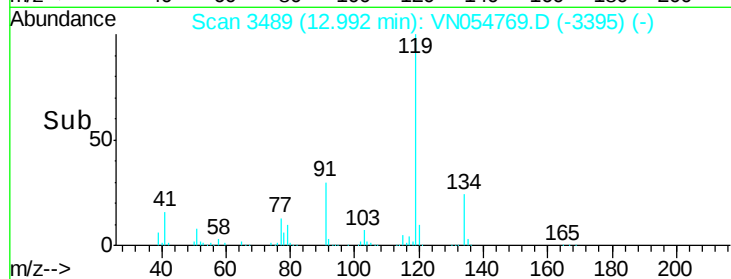
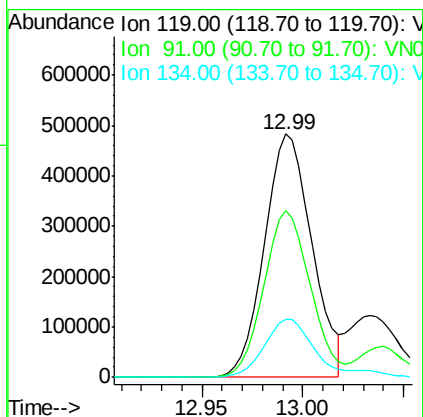
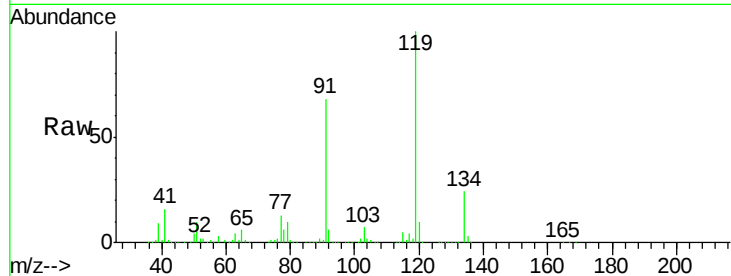




#83
 tert-Butylbenzene
 Concen: 52.242 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN054769.D
 Acq: 29 Mar 2019 14:44

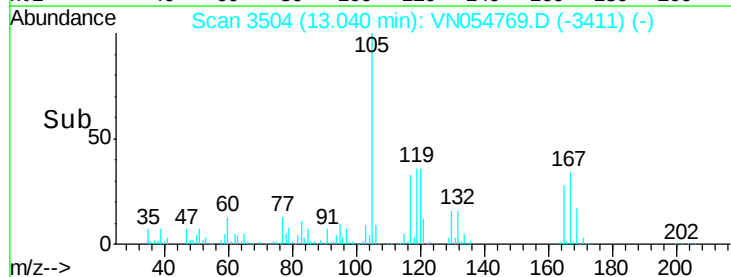
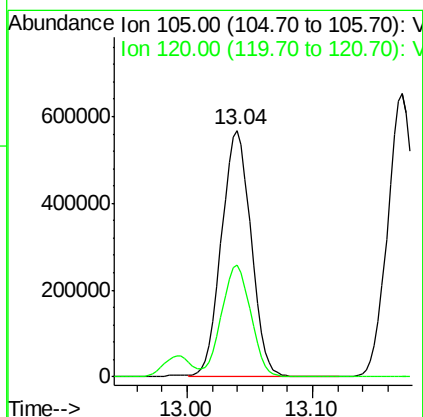
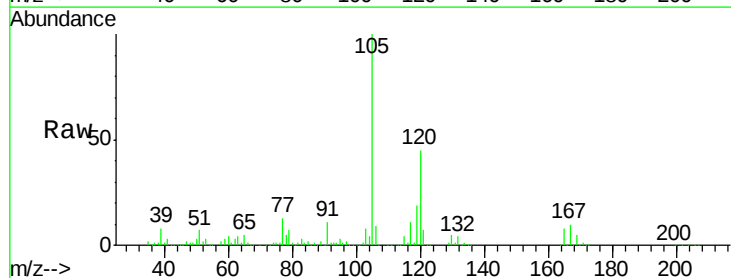
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

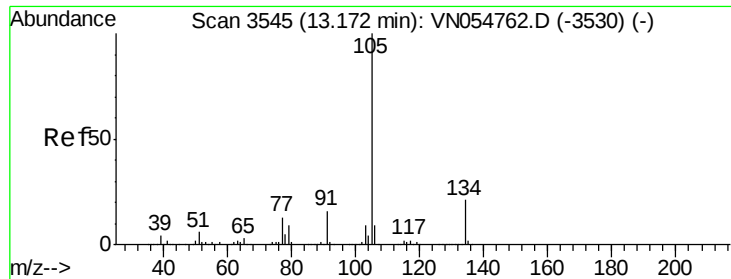
Tgt Ion:119 Resp: 791108
 Ion Ratio Lower Upper
 119 100
 91 67.1 30.9 92.8
 134 26.3 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 49.739 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054769.D
 Acq: 29 Mar 2019 14:44

Tgt Ion:105 Resp: 927773
 Ion Ratio Lower Upper
 105 100
 120 45.0 23.4 70.3

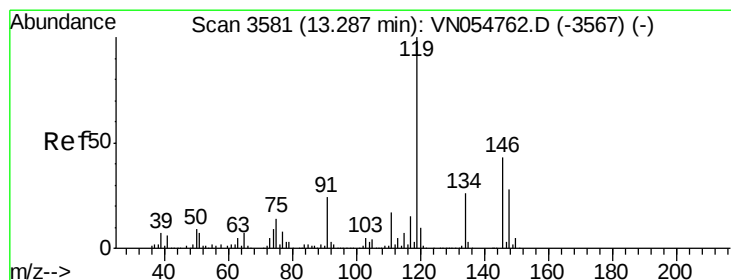
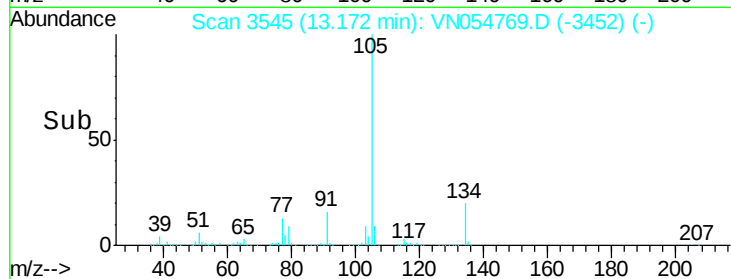
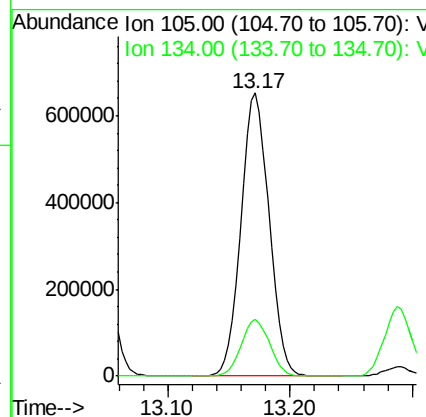
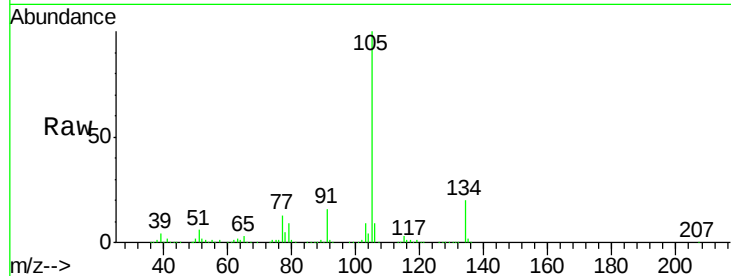




#85
 sec-Butylbenzene
 Concen: 48.759 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN054769.D
 Acq: 29 Mar 2019 14:44

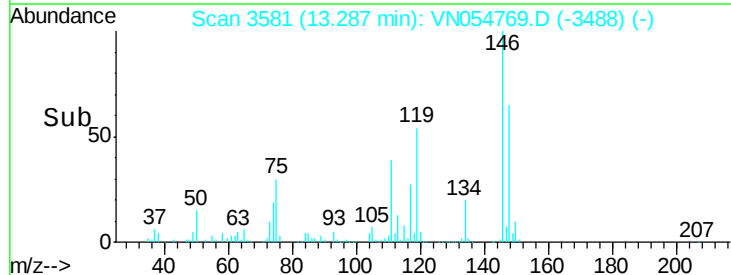
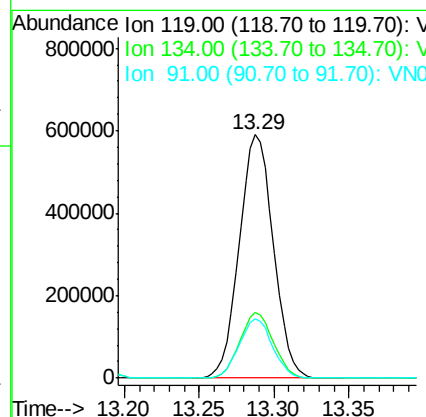
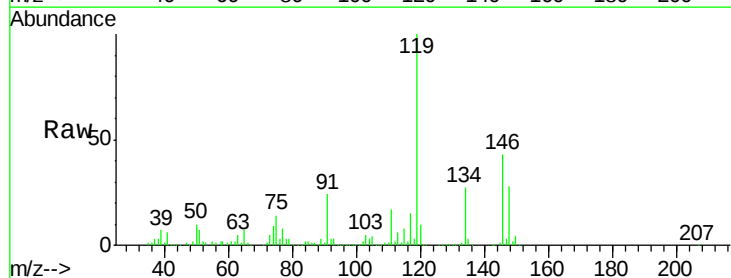
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

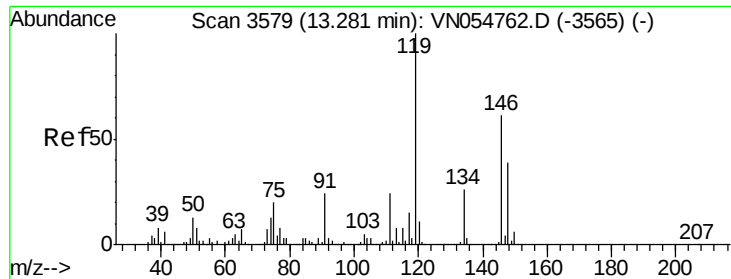
Tgt Ion:105 Resp: 1037062
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 49.656 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN054769.D
 Acq: 29 Mar 2019 14:44

Tgt Ion:119 Resp: 931504
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.6 40.8
 91 24.0 11.1 33.3

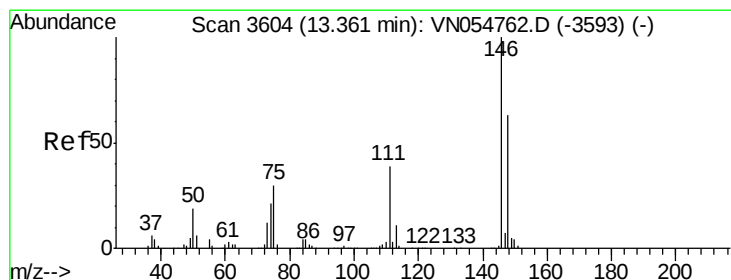
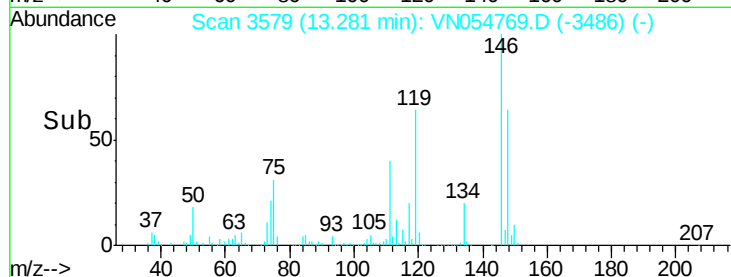
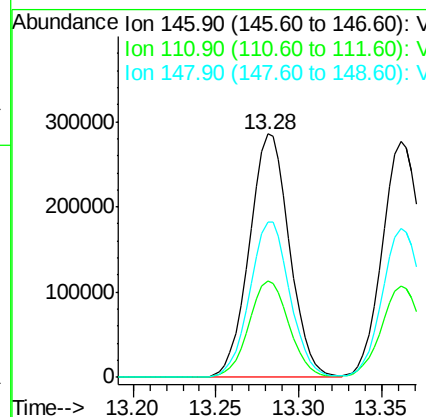
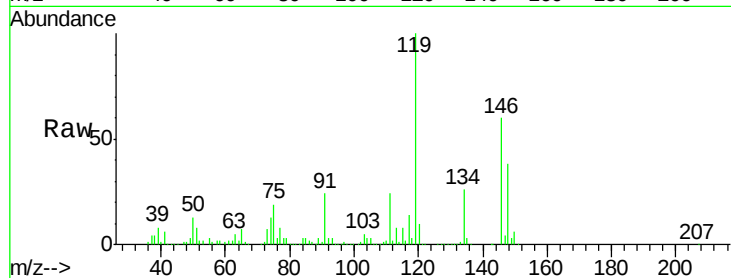




#87
 1,3-Dichlorobenzene
 Concen: 49.753 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN054769.D
 Acq: 29 Mar 2019 14:44

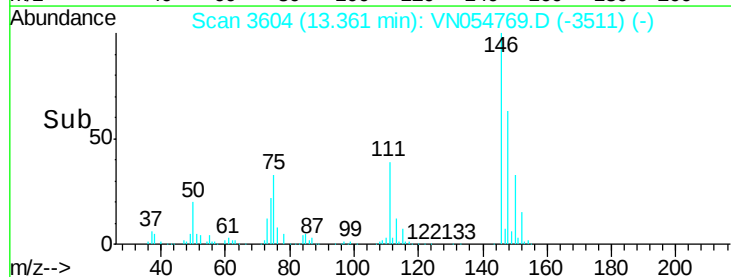
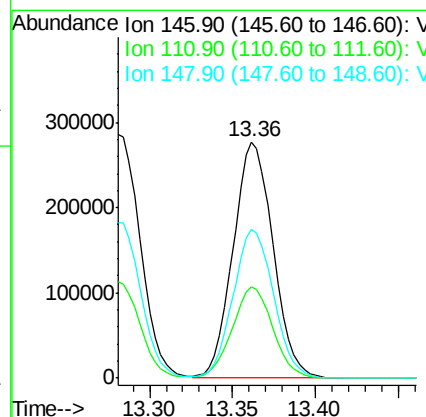
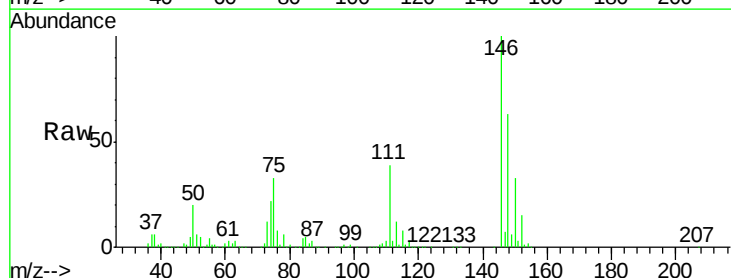
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

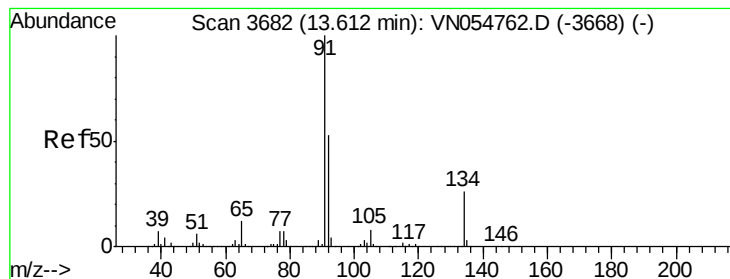
Tgt Ion:146 Resp: 479710
 Ion Ratio Lower Upper
 146 100
 111 39.7 18.8 56.3
 148 63.8 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 49.005 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN054769.D
 Acq: 29 Mar 2019 14:44

Tgt Ion:146 Resp: 463422
 Ion Ratio Lower Upper
 146 100
 111 39.0 18.1 54.1
 148 63.8 32.0 96.0





#89

n-Butylbenzene

Concen: 52.463 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

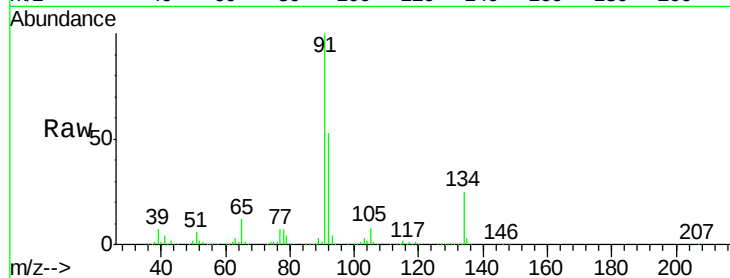
Tgt Ion: 91 Resp: 802962

Ion Ratio Lower Upper

91 100

92 52.2 26.2 78.6

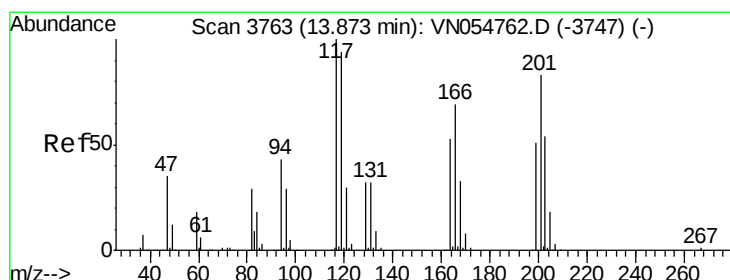
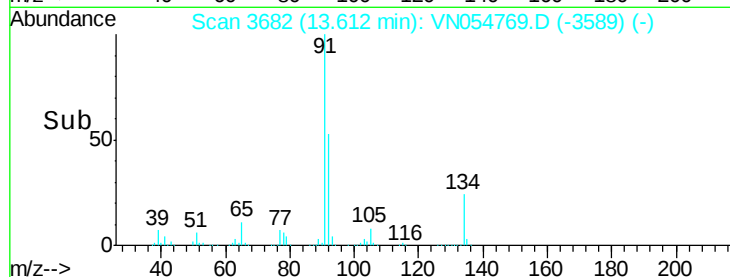
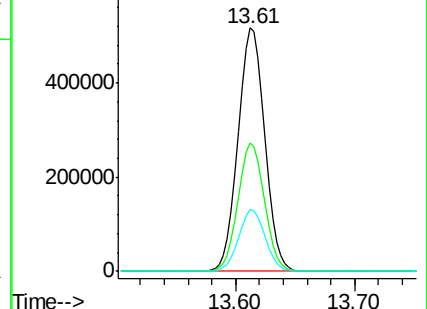
134 25.3 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VN054769.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN054769.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN054769.D (-3682) (-)



#90

Hexachloroethane

Concen: 47.926 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN054769.D

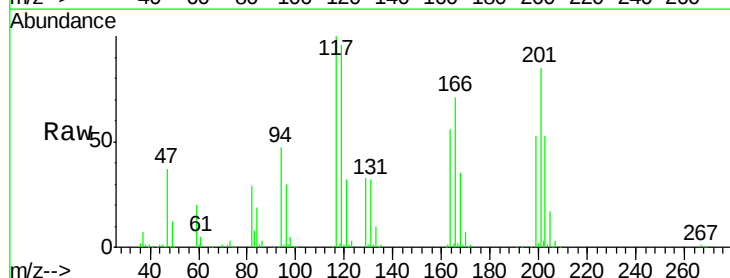
Acq: 29 Mar 2019 14:44

Tgt Ion: 117 Resp: 152645

Ion Ratio Lower Upper

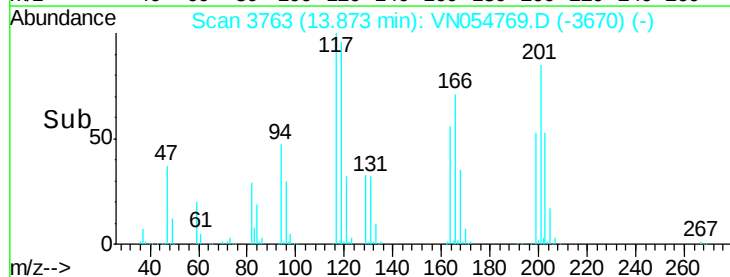
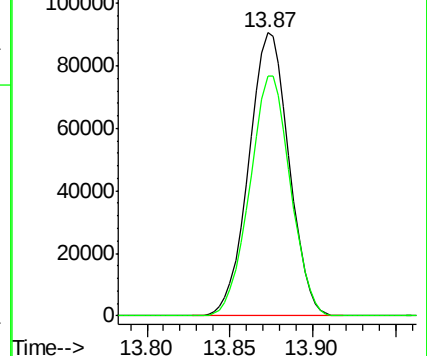
117 100

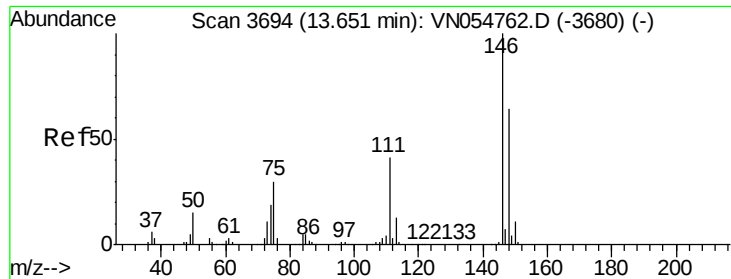
201 85.4 48.1 144.4



Abundance Ion 116.80 (116.50 to 117.50): VN054769.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN054769.D (-3763) (-)





#91

1,2-Dichlorobenzene

Concen: 48.142 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

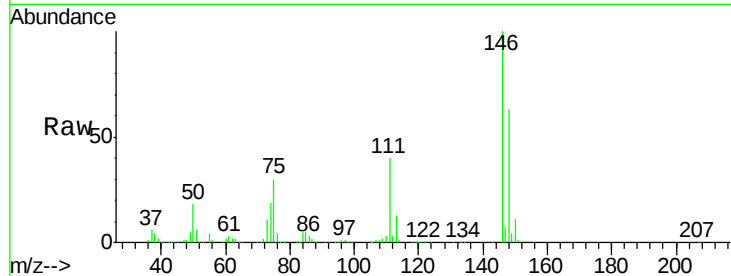
Tgt Ion:146 Resp: 468455

Ion Ratio Lower Upper

146 100

111 40.3 19.1 57.3

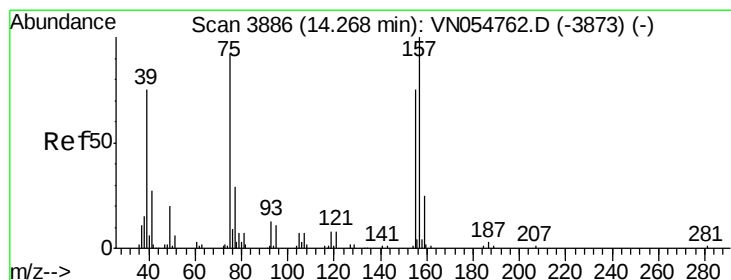
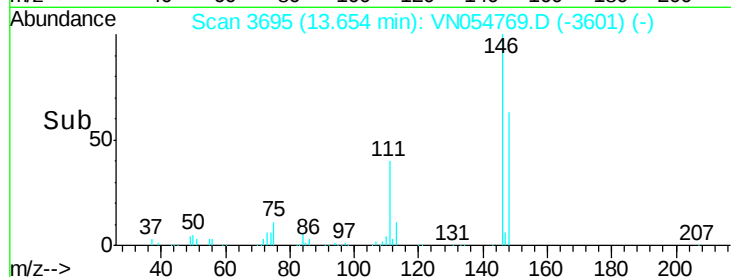
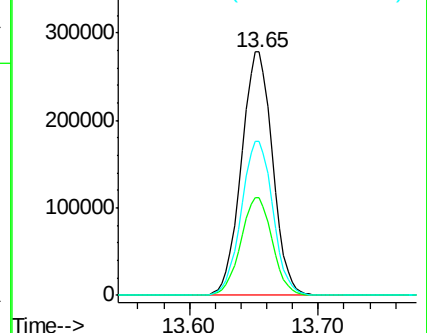
148 63.8 32.4 97.0



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: 52.514 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

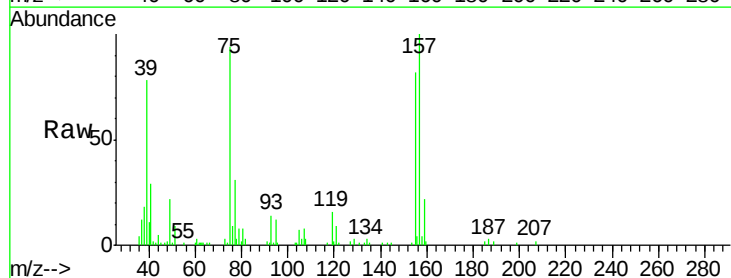
Tgt Ion: 75 Resp: 42837

Ion Ratio Lower Upper

75 100

155 87.1 50.1 150.3

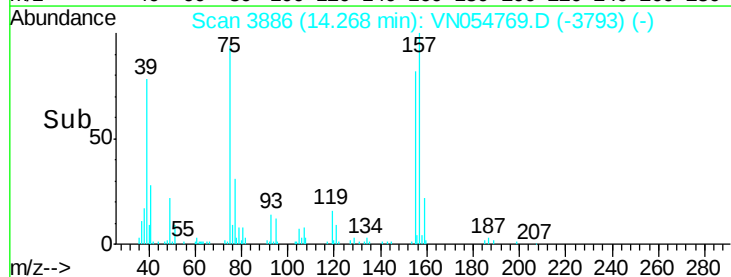
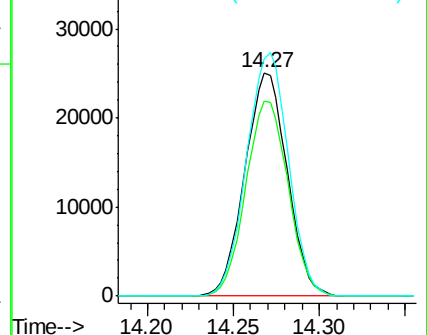
157 107.7 63.1 189.3

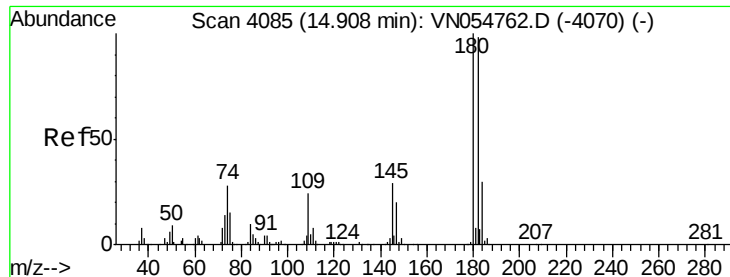


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

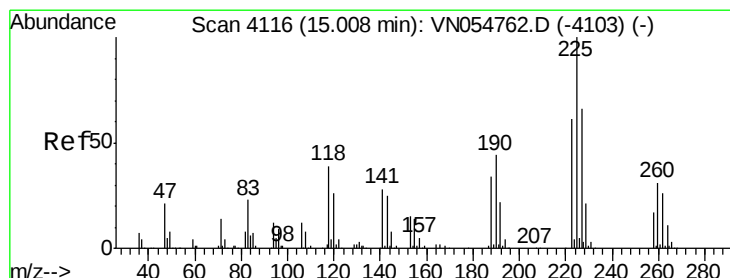
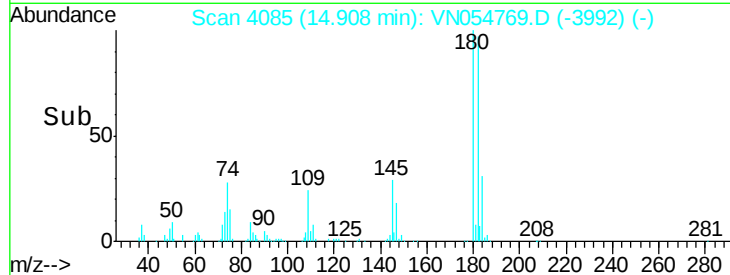
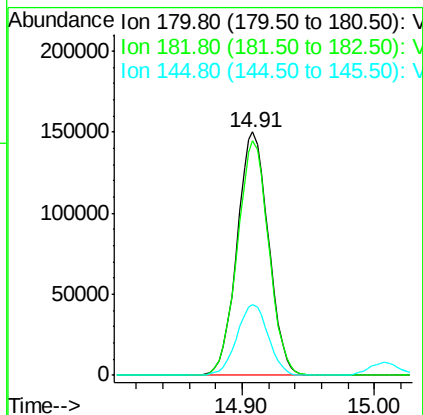
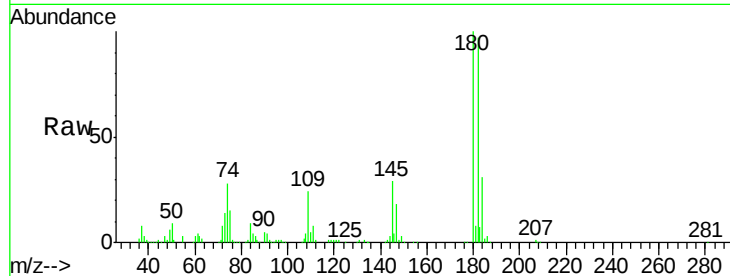




#93
 1,2,4-Trichlorobenzene
 Concen: 52.482 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054769.D
 Acq: 29 Mar 2019 14:44

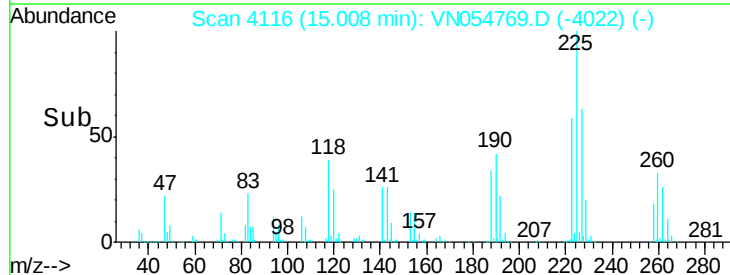
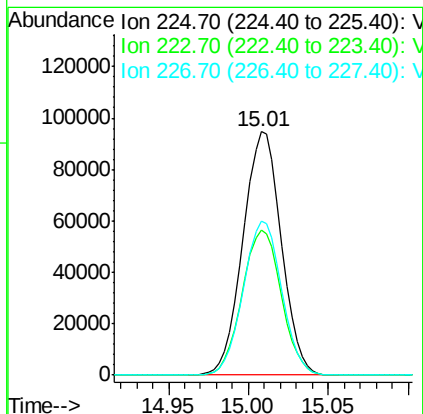
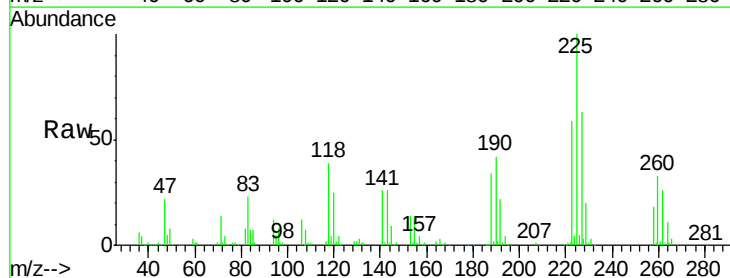
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 246203
 Ion Ratio Lower Upper
 180 100
 182 96.5 48.0 144.2
 145 29.3 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 55.924 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN054769.D
 Acq: 29 Mar 2019 14:44

Tgt Ion:225 Resp: 154681
 Ion Ratio Lower Upper
 225 100
 223 60.7 31.1 93.5
 227 63.2 31.9 95.9





#95

Naphthalene

Concen: 50.816 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

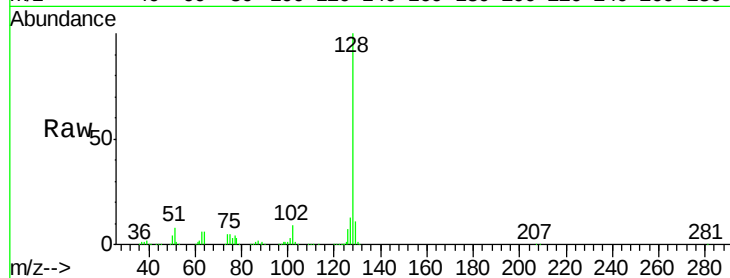
Tgt Ion:128 Resp: 534666

Ion Ratio Lower Upper

128 100

127 13.3 10.1 15.1

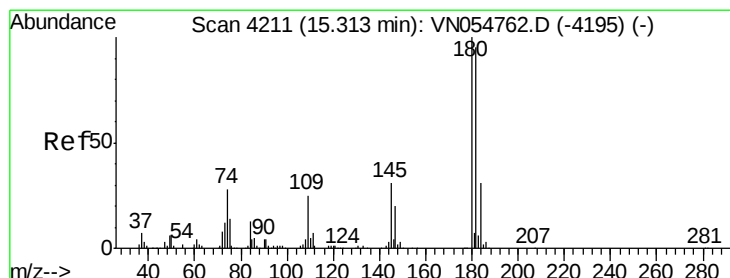
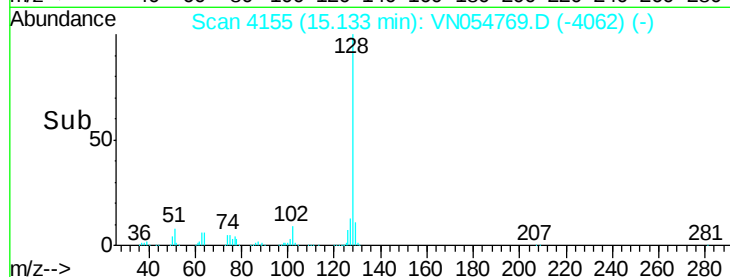
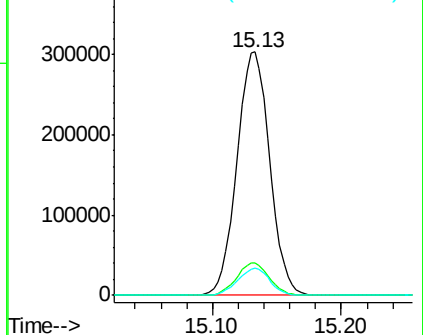
129 10.9 8.7 13.1



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: 51.059 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN054769.D

Acq: 29 Mar 2019 14:44

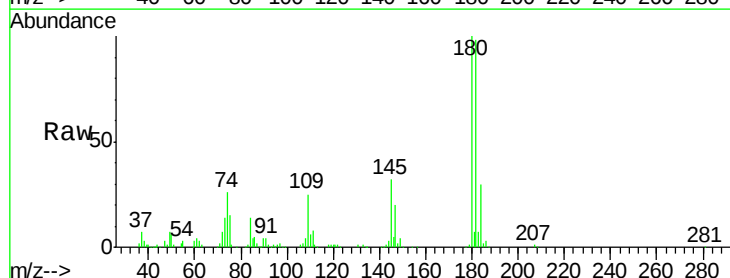
Tgt Ion:180 Resp: 241905

Ion Ratio Lower Upper

180 100

182 95.9 47.5 142.6

145 31.0 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

