

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
 Data File : VN054959.D
 Acq On : 4 Apr 2019 20:23
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 05 03:21:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 02:23:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	426298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	716547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	621541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	278124	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	305758	54.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.80%	
35) Dibromofluoromethane	7.59	113	240374	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
50) Toluene-d8	10.09	98	907843	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
62) 4-Bromofluorobenzene	12.40	95	309082	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	261184	51.238	ug/l	100
3) Chloromethane	2.06	50	333098	49.423	ug/l	99
4) Vinyl Chloride	2.19	62	292260	49.631	ug/l	99
5) Bromomethane	2.57	94	158058	47.022	ug/l	97
6) Chloroethane	2.71	64	157710	48.020	ug/l	98
7) Trichlorofluoromethane	3.02	101	356509	49.863	ug/l	99
8) Diethyl Ether	3.41	74	113282	49.748	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.75	101	182637	48.213	ug/l	99
10) Methyl Iodide	3.94	142	270346	50.630	ug/l	99
11) Tert butyl alcohol	4.82	59	86937	299.737	ug/l #	87
12) 1,1-Dichloroethene	3.73	96	182994	48.699	ug/l	100
13) Acrolein	3.61	56	122033	277.194	ug/l	98
14) Allyl chloride	4.32	41	438729	52.607	ug/l	99
15) Acrylonitrile	5.00	53	475561	273.420	ug/l	100
16) Acetone	3.82	43	321467	227.521	ug/l	98
17) Carbon Disulfide	4.04	76	594993	49.743	ug/l	100
18) Methyl Acetate	4.33	43	205666	56.208	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	649940	53.325	ug/l	98
20) Methylene Chloride	4.55	84	259707	49.785	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	237849	50.680	ug/l	99
22) Diisopropyl ether	5.96	45	902460	52.688	ug/l	99
23) Vinyl Acetate	5.90	43	3374078	283.093	ug/l	100
24) 1,1-Dichloroethane	5.85	63	476628	51.028	ug/l	99
25) 2-Butanone	6.85	43	584618	277.003	ug/l	99
26) 2,2-Dichloropropane	6.82	77	305164	46.605	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	272591	51.203	ug/l	99
28) Bromochloromethane	7.19	49	224549	51.316	ug/l	99
29) Tetrahydrofuran	7.22	42	397736	287.519	ug/l	100
30) Chloroform	7.37	83	452293	51.094	ug/l	99
31) Cyclohexane	7.65	56	448442	50.712	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	376320	50.378	ug/l	100
36) 1,1-Dichloropropene	7.79	75	345946	48.726	ug/l	100
37) Ethyl Acetate	6.94	43	268962	55.202	ug/l	100
38) Carbon Tetrachloride	7.77	117	327708	47.795	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	385404	49.342	ug/l	99
40) Benzene	8.04	78	1028607	50.349	ug/l	99
41) Methacrylonitrile	7.18	41	159895	57.393	ug/l	95
42) 1,2-Dichloroethane	8.13	62	360669	50.240	ug/l	99
43) Isopropyl Acetate	8.17	43	465174	56.649	ug/l	100
44) Trichloroethene	8.83	130	263735	50.489	ug/l	99
45) 1,2-Dichloropropane	9.12	63	289098	50.788	ug/l	100
46) Dibromomethane	9.21	93	164454	50.947	ug/l	99
47) Bromodichloromethane	9.40	83	346932	51.171	ug/l	99
48) Methyl methacrylate	9.20	41	233115	56.079	ug/l	99
49) 1,4-Dioxane	9.20	88	48865	1164.641	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1287832	281.130	ug/l	99
52) Toluene	10.16	92	611591	50.788	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	339718	48.514	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	400280	52.456	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	224585	51.440	ug/l	99
56) Ethyl methacrylate	10.43	69	316285	55.407	ug/l	98
57) 1,3-Dichloropropane	10.71	76	396979	52.063	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	632457	249.446	ug/l	99
59) 2-Hexanone	10.75	43	808557	282.584	ug/l	100
60) Dibromochloromethane	10.90	129	242454	53.017	ug/l	100
61) 1,2-Dibromoethane	11.00	107	222660	54.240	ug/l	99
64) Tetrachloroethene	10.63	164	243403	48.556	ug/l	99
65) Chlorobenzene	11.43	112	634774	50.105	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	242312	52.240	ug/l	99
67) Ethyl Benzene	11.51	91	1156459	50.628	ug/l	100
68) m/p-Xylenes	11.62	106	852620	102.107	ug/l	99
69) o-Xylene	11.95	106	418949	51.437	ug/l	100
70) Styrene	11.96	104	697627	53.399	ug/l	100
71) Bromoform	12.13	173	149684	53.688	ug/l #	99
73) Isopropylbenzene	12.25	105	1102631	46.932	ug/l	99
74) N-amyl acetate	12.07	43	376511	57.655	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	282729	55.499	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	335285	80.598	ug/l #	100
77) Bromobenzene	12.53	156	274653	48.271	ug/l	97
78) n-propylbenzene	12.59	91	1246469	48.154	ug/l	100
79) 2-Chlorotoluene	12.67	91	756981	47.187	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	928961	48.145	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	65898	54.731	ug/l	97
82) 4-Chlorotoluene	12.77	91	749011	49.363	ug/l	99
83) tert-Butylbenzene	12.99	119	772136	47.042	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	913006	48.906	ug/l	100
85) sec-Butylbenzene	13.17	105	1013047	47.717	ug/l	100
86) p-Isopropyltoluene	13.29	119	888637	48.579	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	463033	48.923	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	450750	50.026	ug/l	99
89) n-Butylbenzene	13.61	91	740786	50.672	ug/l	99
90) Hexachloroethane	13.88	117	153521	49.962	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	459800	49.481	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	42771	53.184	ug/l	99

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QLast Update : Fri Apr 05 02:23:47 2019
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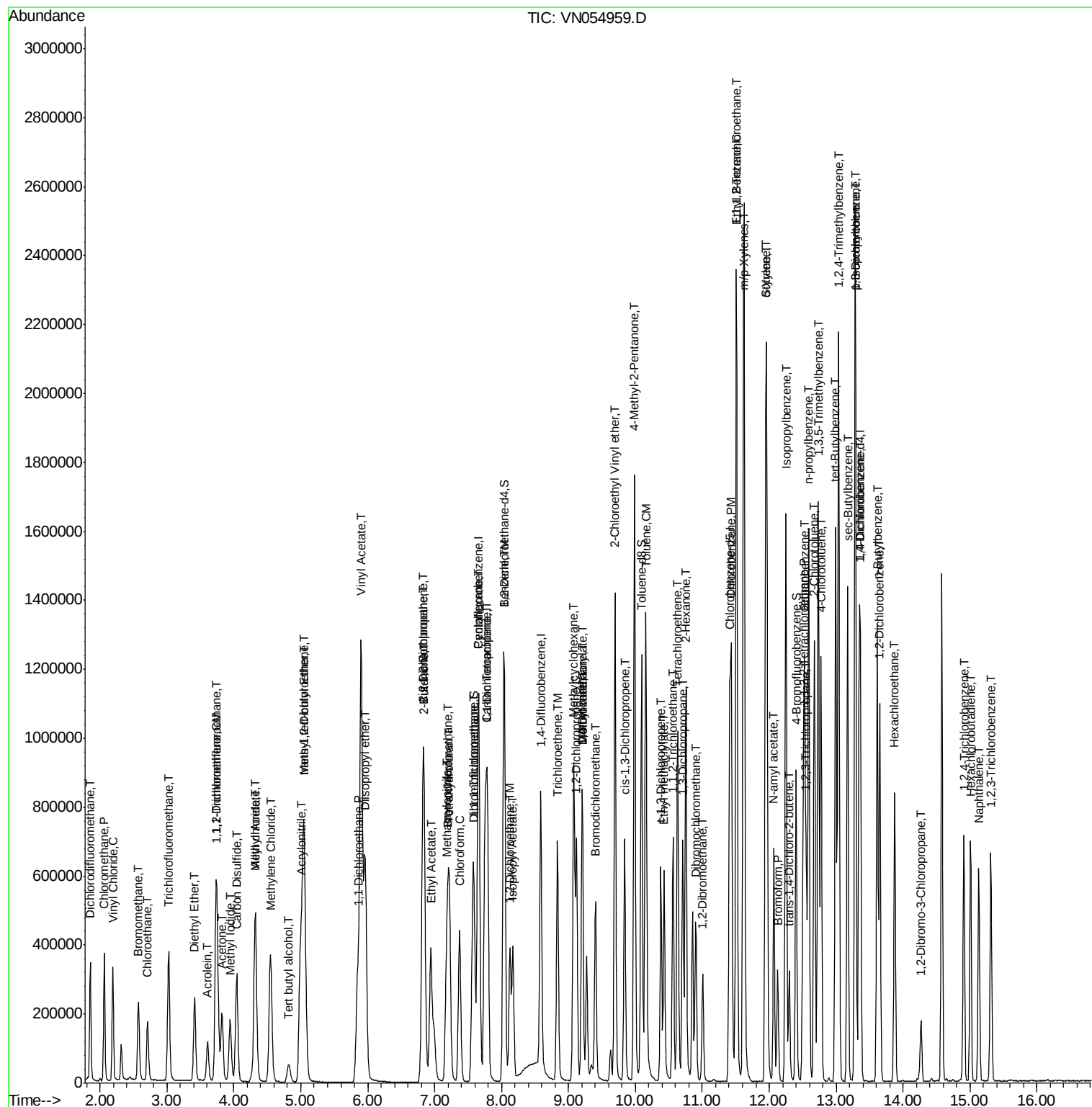
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	235234	48.542	ug/l	98
94) Hexachlorobutadiene	15.01	225	138128	44.431	ug/l	96
95) Naphthalene	15.13	128	519176	49.356	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	234197	54.882	ug/l	100

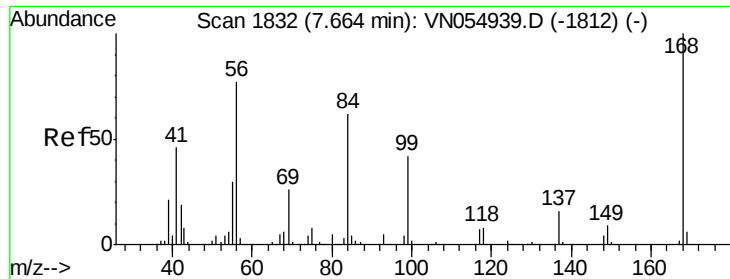
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

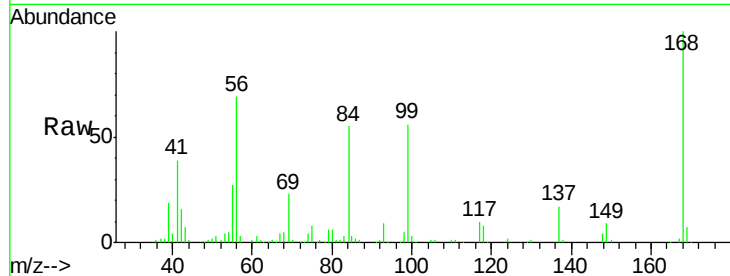
VSTDCCC050EC

Tgt Ion:168 Resp: 426298

Ion Ratio Lower Upper

168 100

99 55.1 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

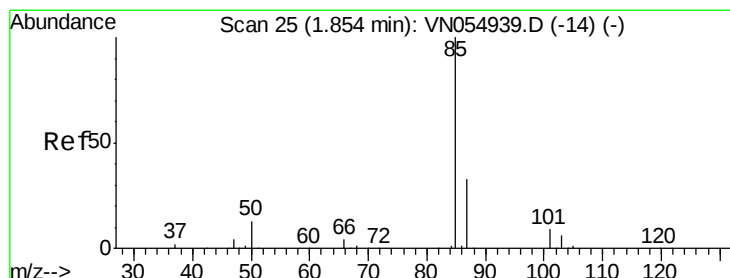
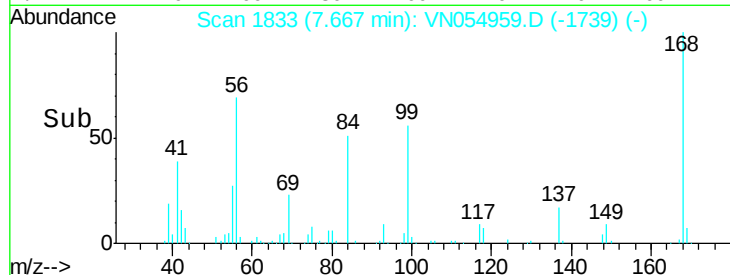
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 51.238 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN054959.D

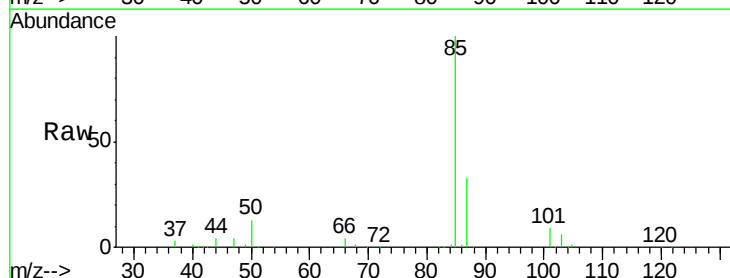
Acq: 4 Apr 2019 20:23

Tgt Ion: 85 Resp: 261184

Ion Ratio Lower Upper

85 100

87 32.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

200000

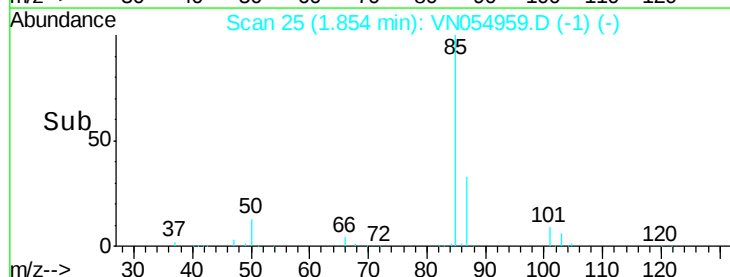
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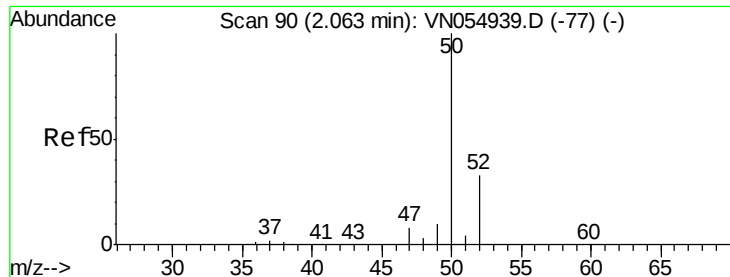
100000

50000

0

Time--> 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 49.423 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

Instrument :

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ClientSampleId :

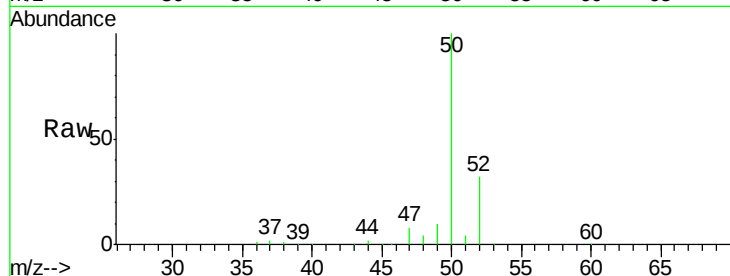
VSTDCCC050EC

Tgt Ion: 50 Resp: 333098

Ion Ratio Lower Upper

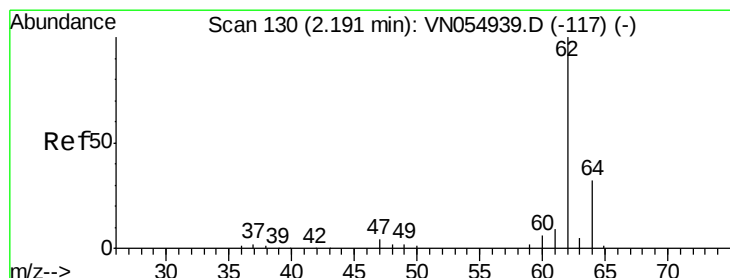
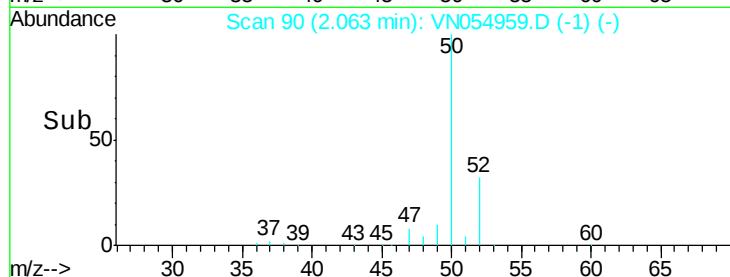
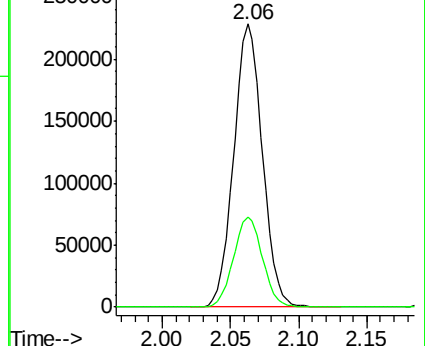
50 100

52 32.0 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 49.631 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN054959.D

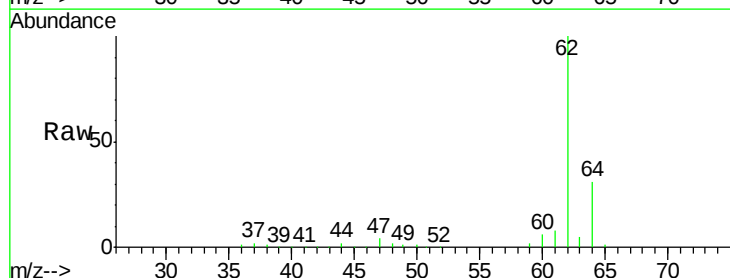
Acq: 4 Apr 2019 20:23

Tgt Ion: 62 Resp: 292260

Ion Ratio Lower Upper

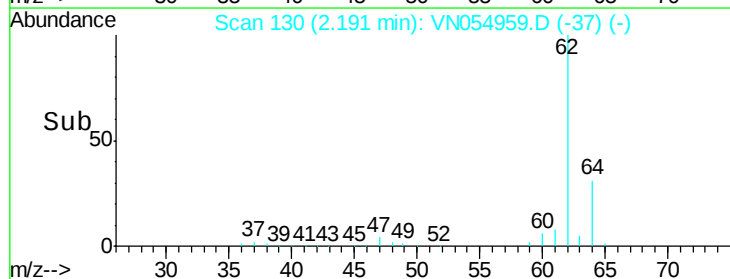
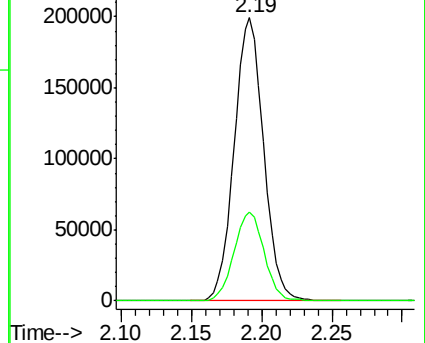
62 100

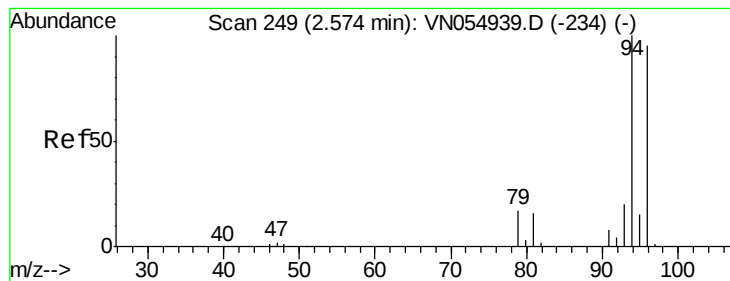
64 31.4 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 47.022 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

Instrument :

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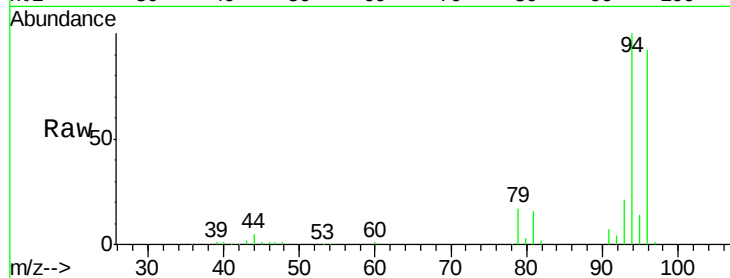
VSTDCCC050EC

Tgt Ion: 94 Resp: 158058

Ion Ratio Lower Upper

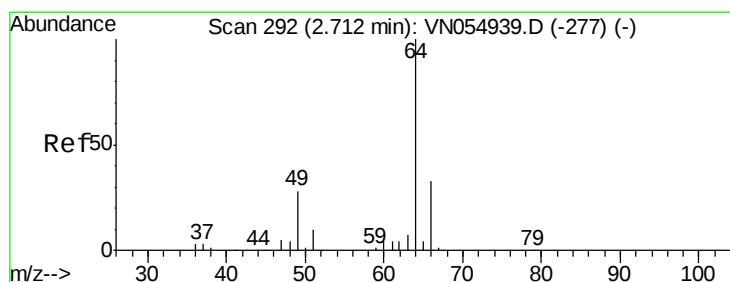
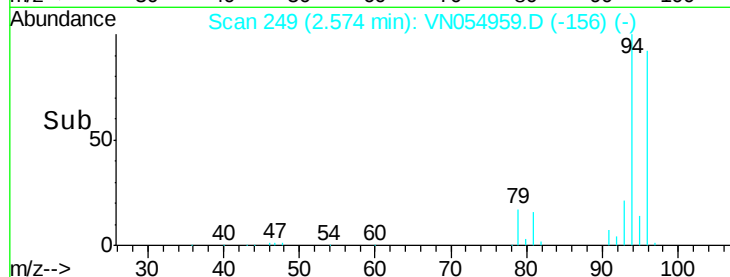
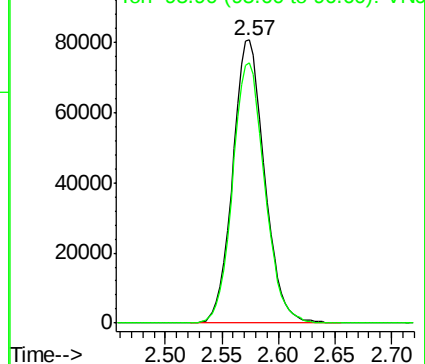
94 100

96 92.2 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 48.020 ug/l

RT: 2.71 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN054959.D

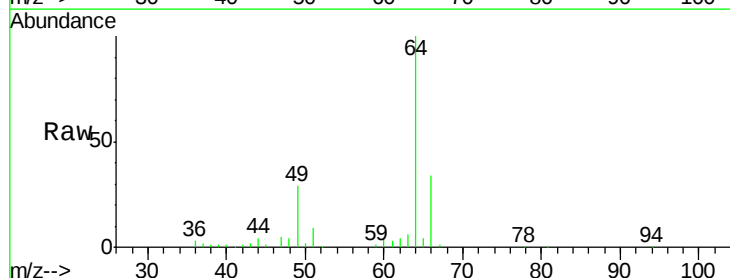
Acq: 4 Apr 2019 20:23

Tgt Ion: 64 Resp: 157710

Ion Ratio Lower Upper

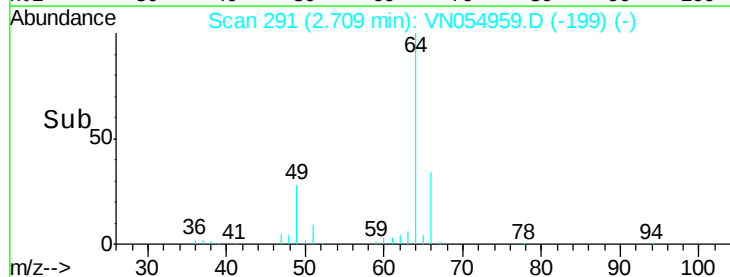
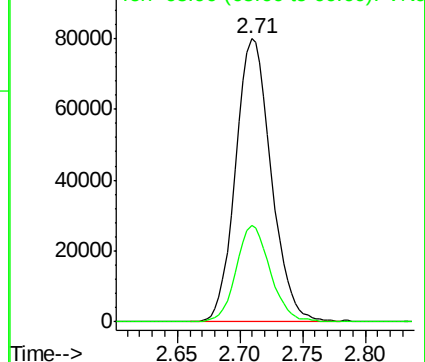
64 100

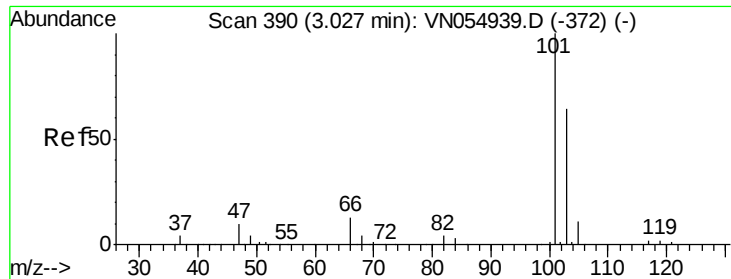
66 34.1 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



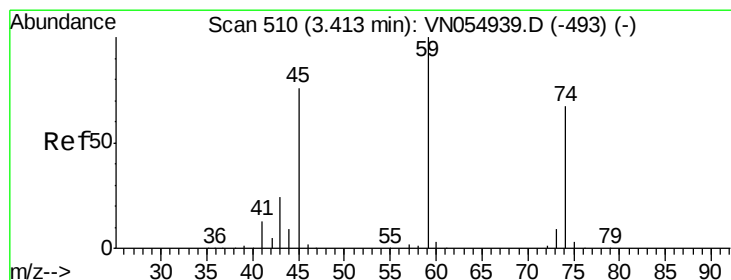
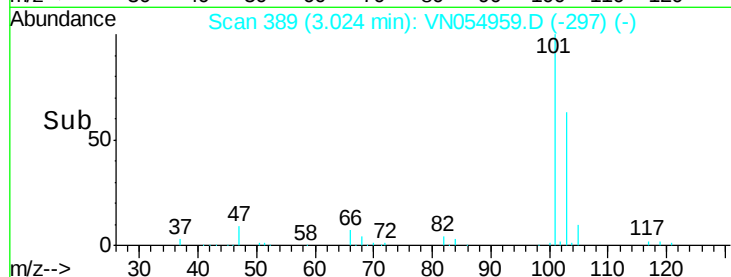
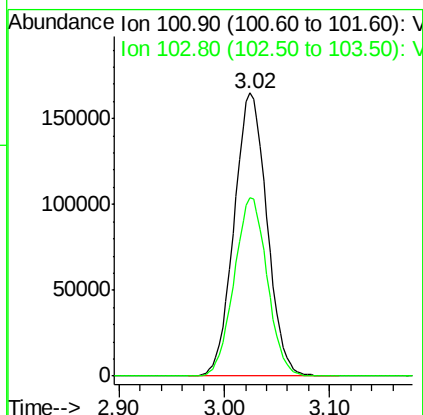
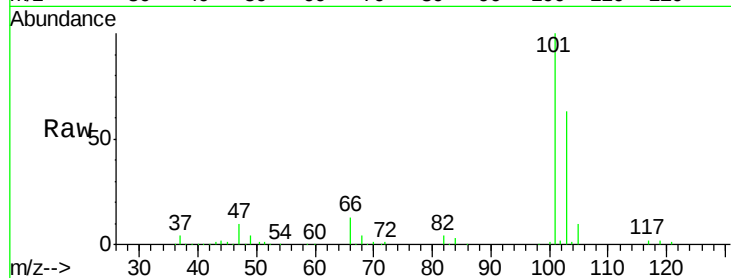


#7

Trichlorofluoromethane
 Concen: 49.863 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN054959.D
 Acq: 4 Apr 2019 20:23

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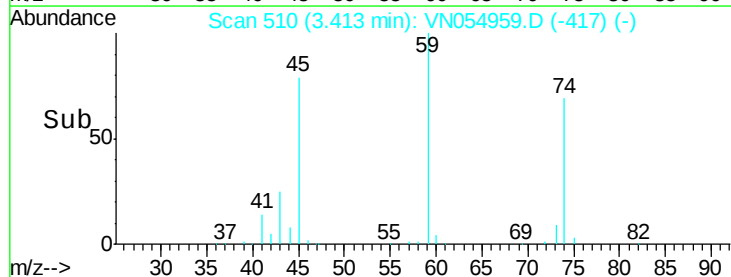
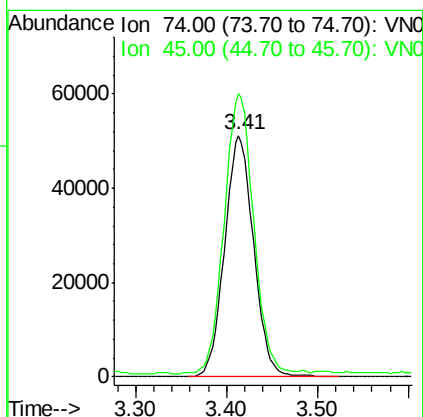
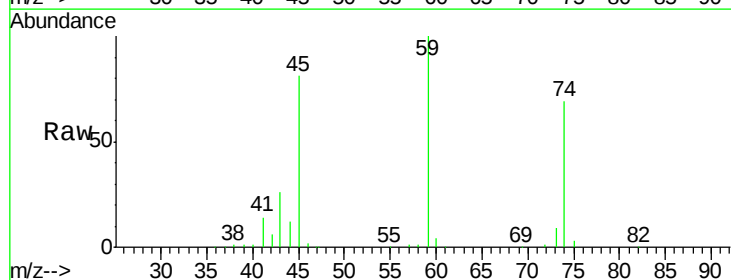
Tgt Ion:101 Resp: 356509
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.3 76.9

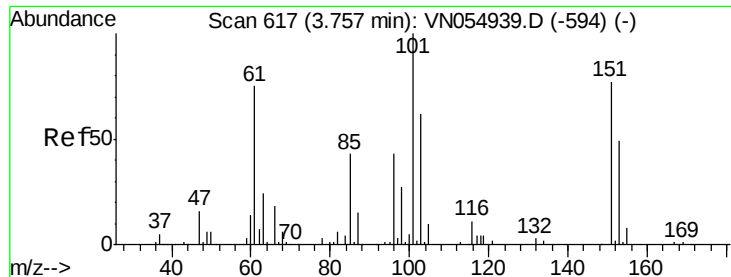


#8

Diethyl Ether
 Concen: 49.748 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN054959.D
 Acq: 4 Apr 2019 20:23

Tgt Ion: 74 Resp: 113282
 Ion Ratio Lower Upper
 74 100
 45 117.8 56.3 168.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.213 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

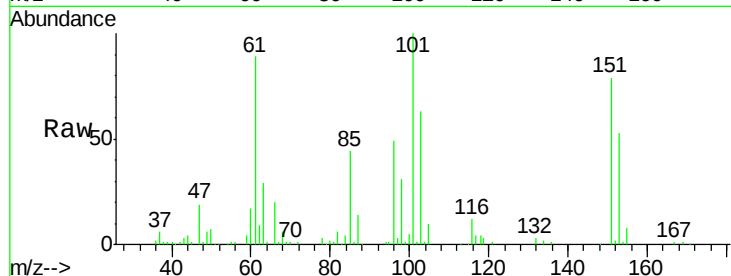
Tgt Ion:101 Resp: 182637

Ion Ratio Lower Upper

101 100

85 45.0 36.2 54.2

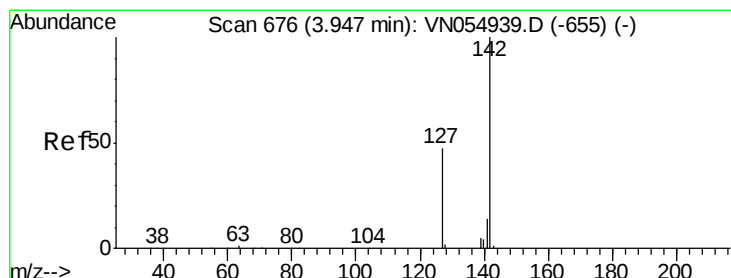
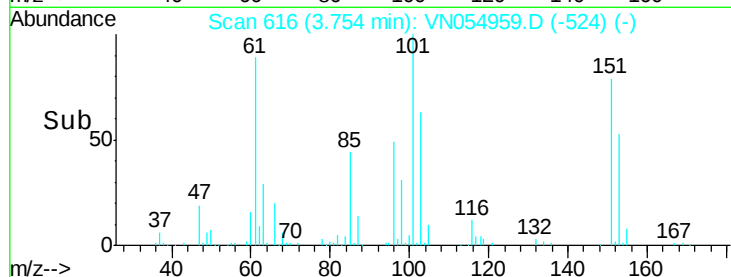
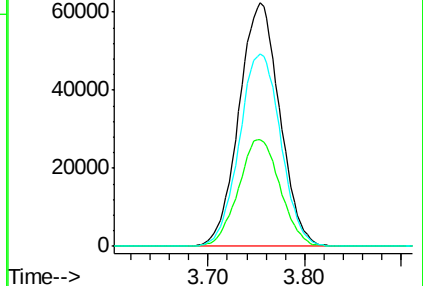
151 80.3 63.4 95.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.630 ug/l

RT: 3.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

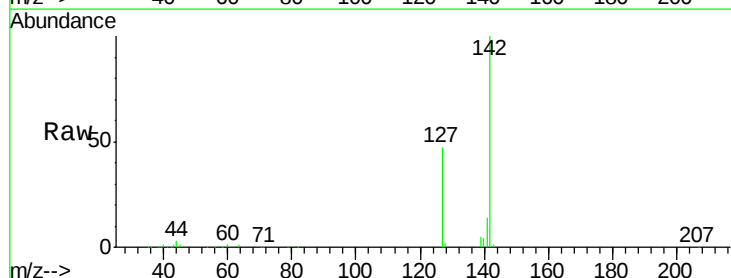
Tgt Ion:142 Resp: 270346

Ion Ratio Lower Upper

142 100

127 46.8 38.0 57.0

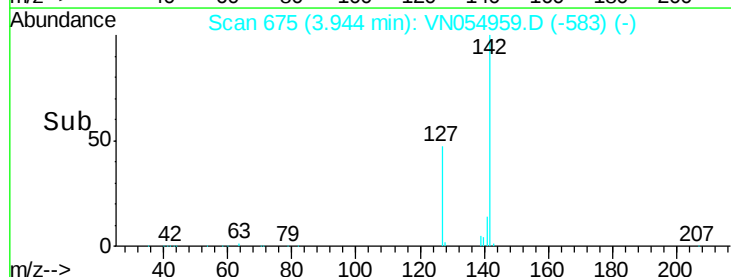
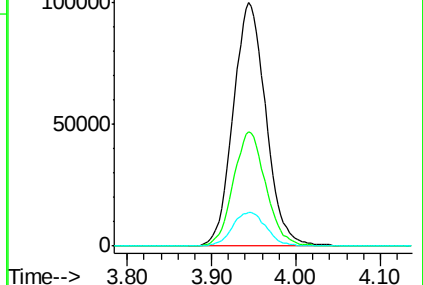
141 14.4 11.7 17.5

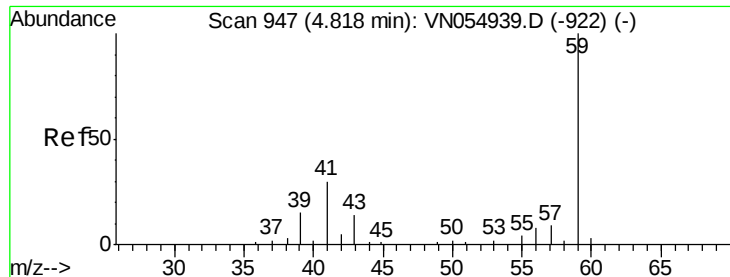


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

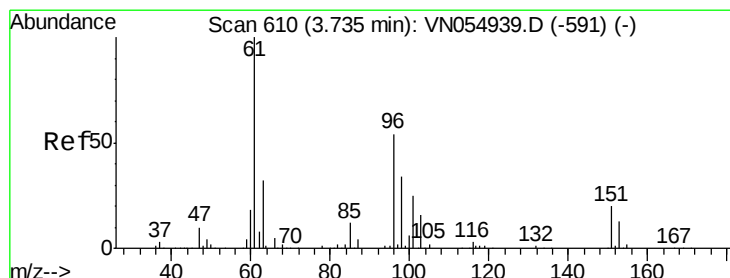
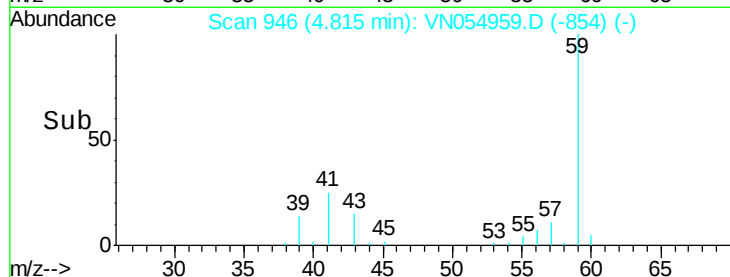
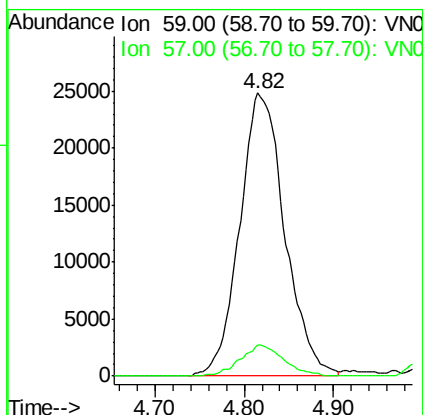
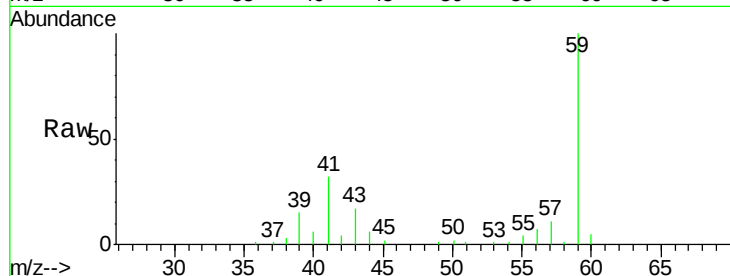




#11
Tert butyl alcohol
Concen: 299.737 ug/l
RT: 4.82 min Scan# 946
Delta R.T. -0.00 min
Lab File: VN054959.D
Acq: 4 Apr 2019 20:23

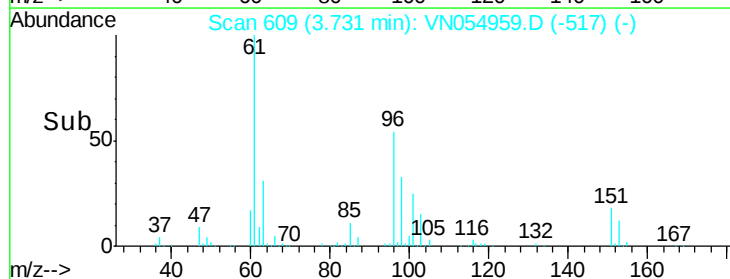
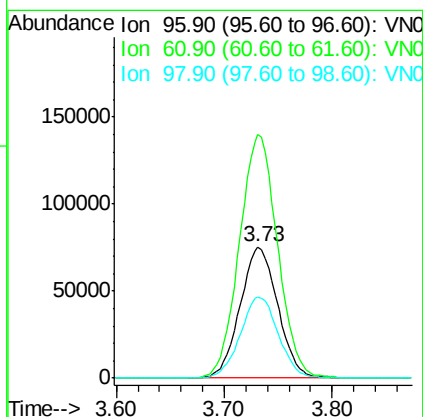
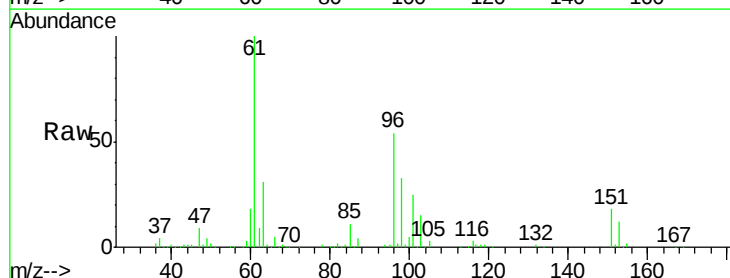
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

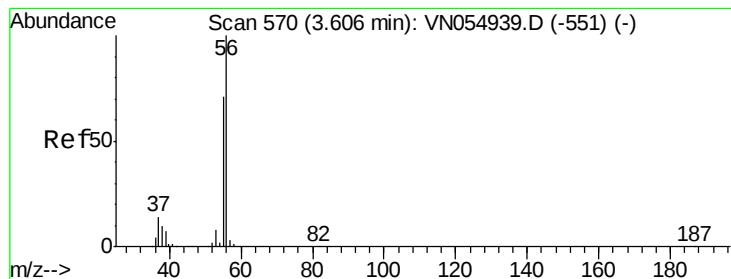
Tgt Ion: 59 Resp: 86937
Ion Ratio Lower Upper
59 100
57 10.7 5.0 7.4#



#12
1,1-Dichloroethene
Concen: 48.699 ug/l
RT: 3.73 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN054959.D
Acq: 4 Apr 2019 20:23

Tgt Ion: 96 Resp: 182994
Ion Ratio Lower Upper
96 100
61 185.3 148.2 222.2
98 61.8 50.2 75.4





#13

Acrolein

Concen: 277.194 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

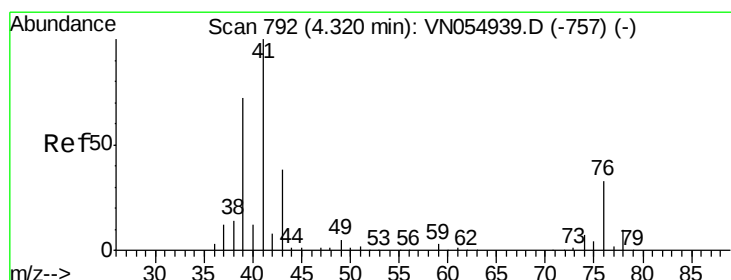
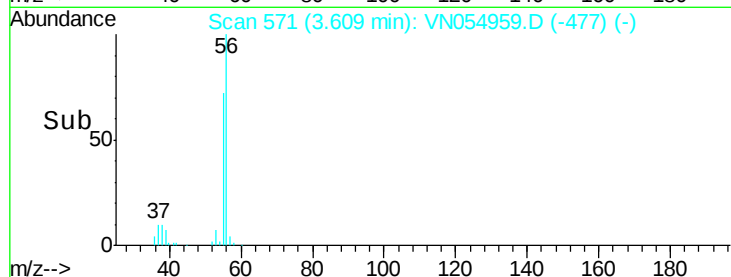
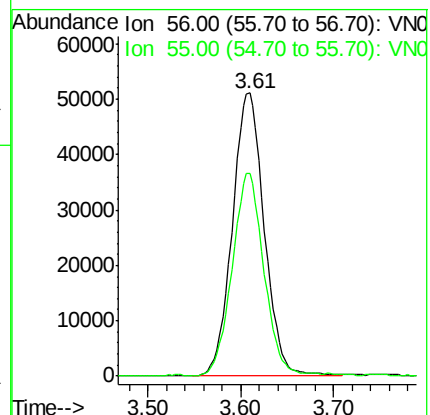
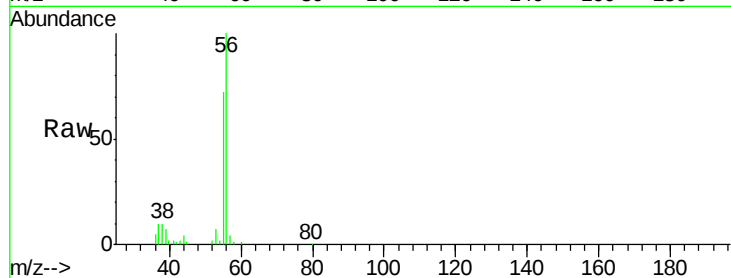
VSTDCCC050EC

Tgt Ion: 56 Resp: 122033

Ion Ratio Lower Upper

56 100

55 71.4 58.6 87.8



#14

Allyl chloride

Concen: 52.607 ug/l

RT: 4.32 min Scan# 791

Delta R.T. -0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

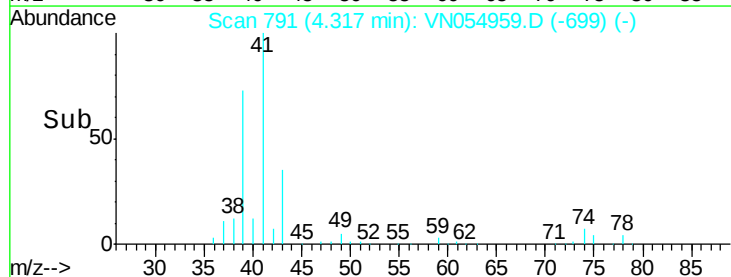
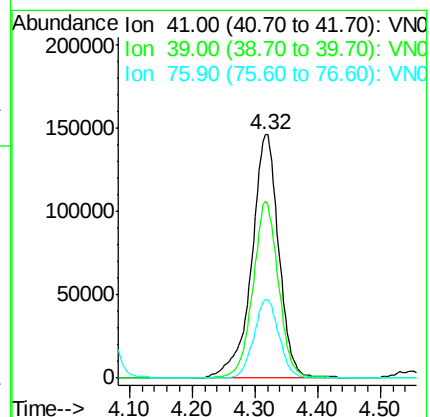
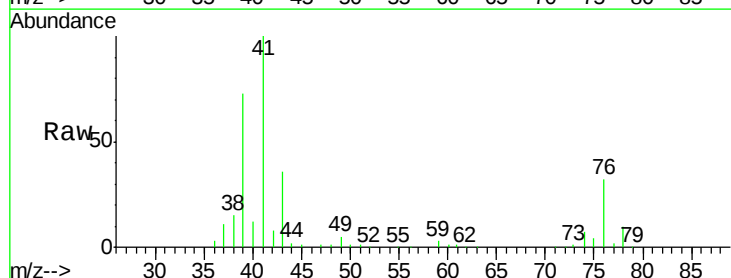
Tgt Ion: 41 Resp: 438729

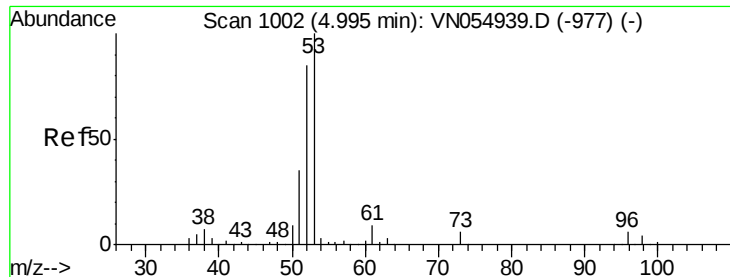
Ion Ratio Lower Upper

41 100

39 67.7 55.4 83.2

76 29.8 23.8 35.8





#15

Acrylonitrile

Concen: 273.420 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

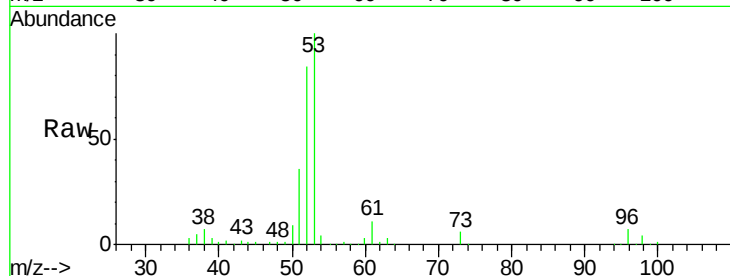
Tgt Ion: 53 Resp: 475561

Ion Ratio Lower Upper

53 100

52 83.1 66.4 99.6

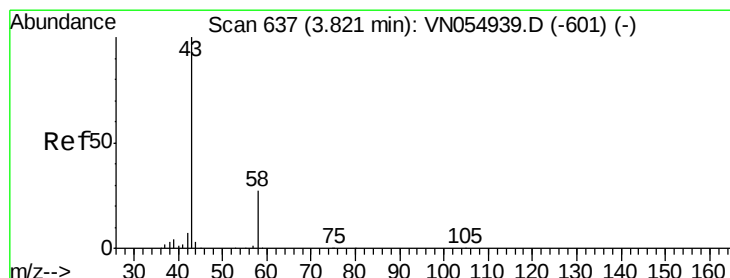
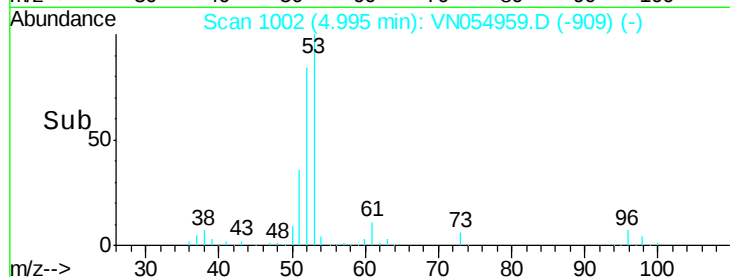
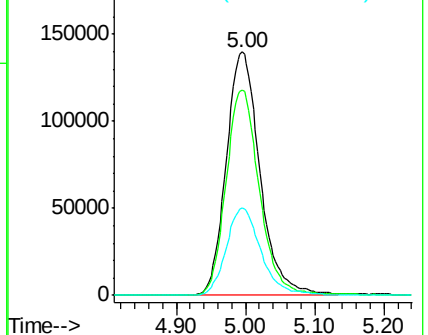
51 37.0 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 227.521 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054959.D

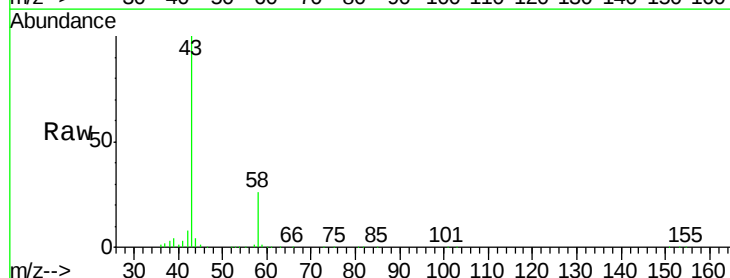
Acq: 4 Apr 2019 20:23

Tgt Ion: 43 Resp: 321467

Ion Ratio Lower Upper

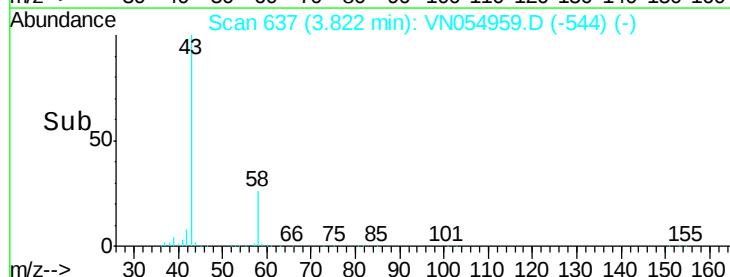
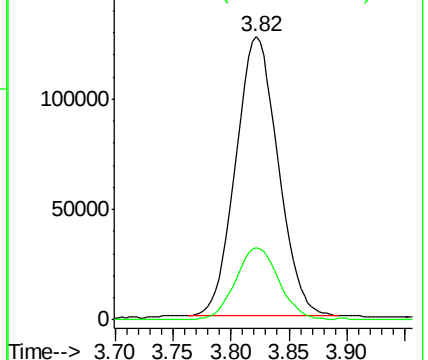
43 100

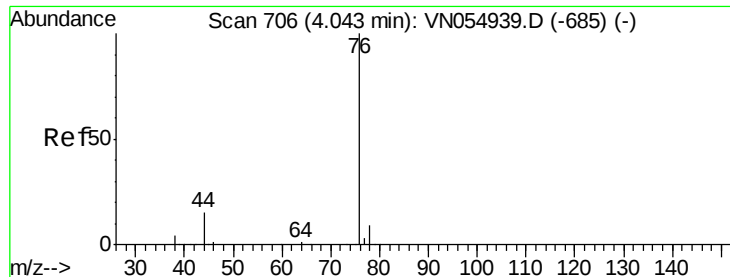
58 25.8 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

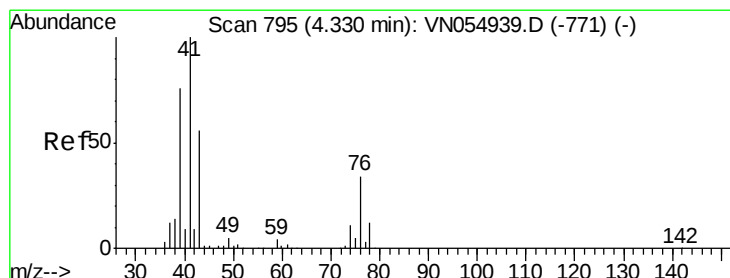
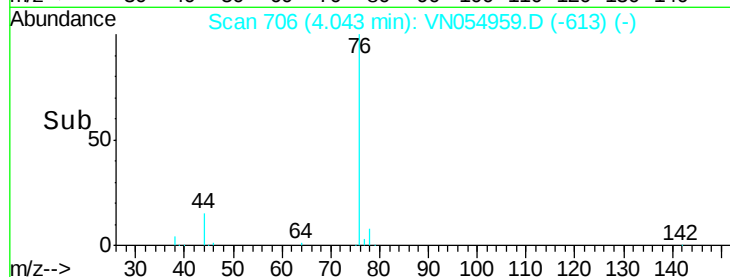
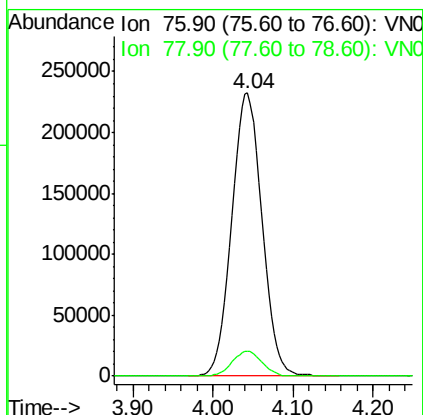
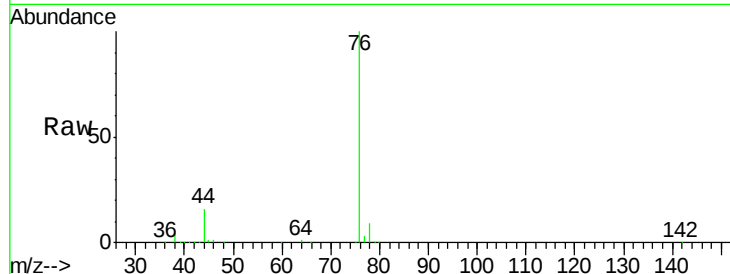




#17
Carbon Disulfide
Concen: 49.743 ug/l
RT: 4.04 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN054959.D
Acq: 4 Apr 2019 20:23

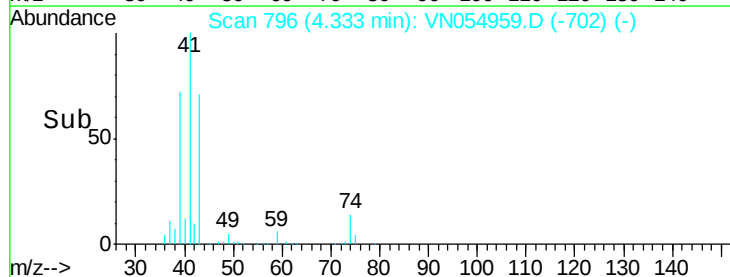
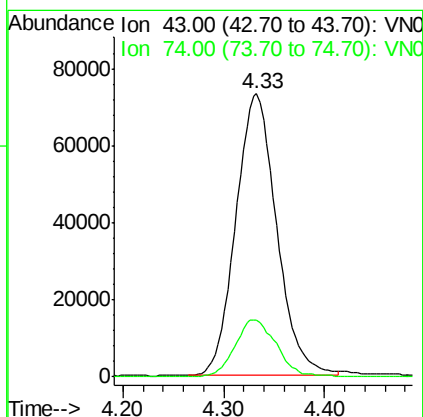
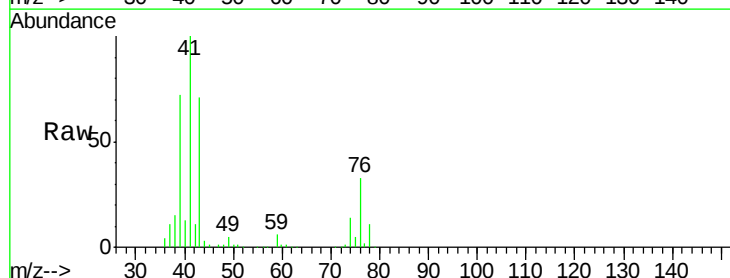
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

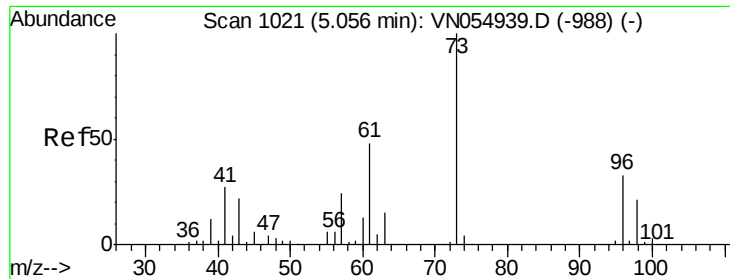
Tgt Ion: 76 Resp: 594993
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 56.208 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN054959.D
Acq: 4 Apr 2019 20:23

Tgt Ion: 43 Resp: 205666
Ion Ratio Lower Upper
43 100
74 20.6 16.4 24.6

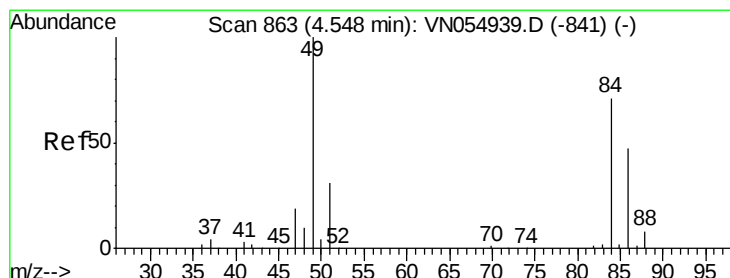
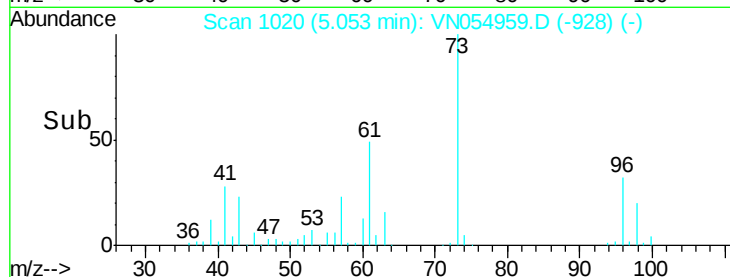
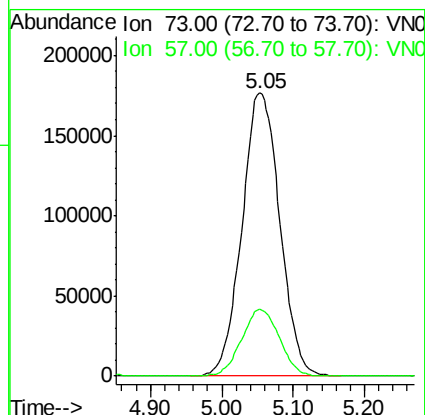
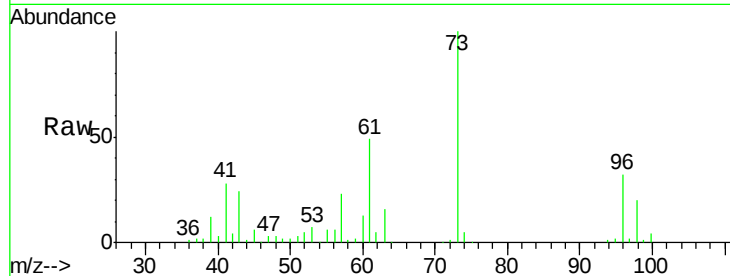




#19
Methyl tert-butyl Ether
Concen: 53.325 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VN054959.D
Acq: 4 Apr 2019 20:23

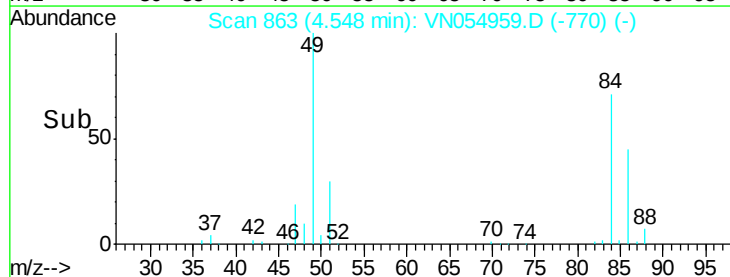
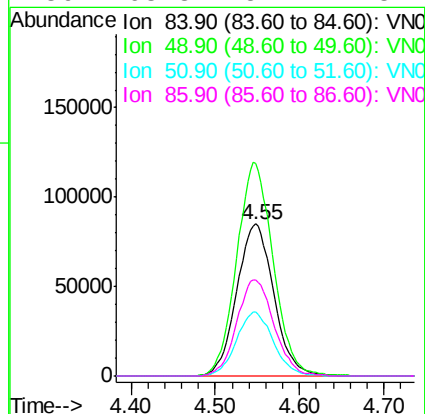
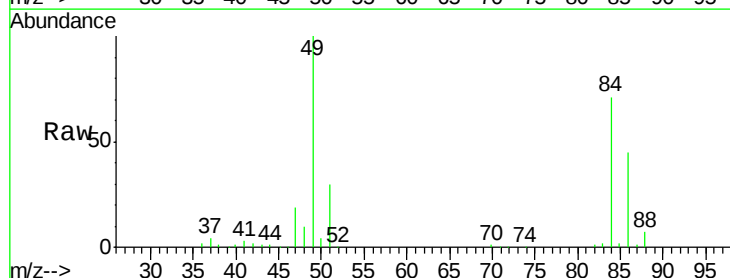
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

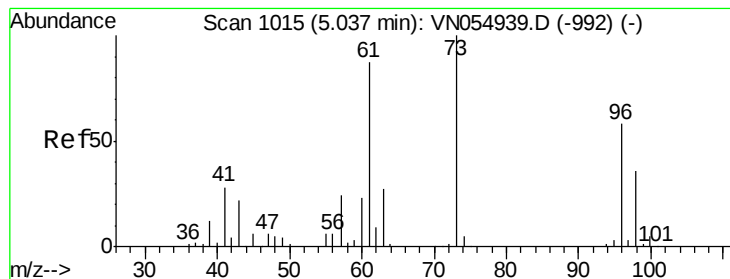
Tgt Ion: 73 Resp: 649940
Ion Ratio Lower Upper
73 100
57 23.5 19.5 29.3



#20
Methylene Chloride
Concen: 49.785 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054959.D
Acq: 4 Apr 2019 20:23

Tgt Ion: 84 Resp: 259707
Ion Ratio Lower Upper
84 100
49 140.4 112.1 168.1
51 42.0 34.5 51.7
86 63.3 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 50.680 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

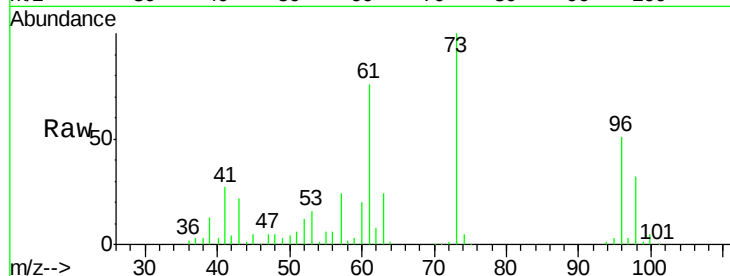
Tgt Ion: 96 Resp: 237849

Ion Ratio Lower Upper

96 100

61 149.4 120.1 180.1

98 62.3 49.3 73.9

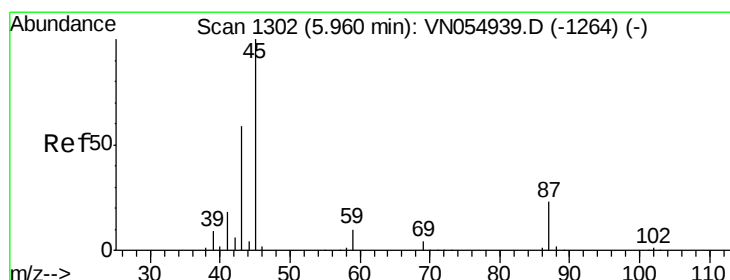
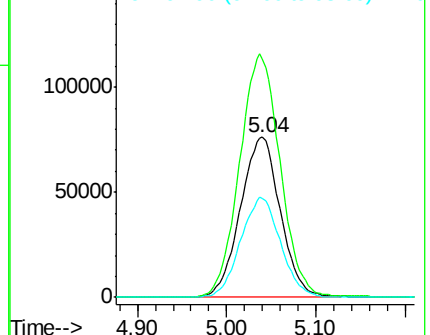
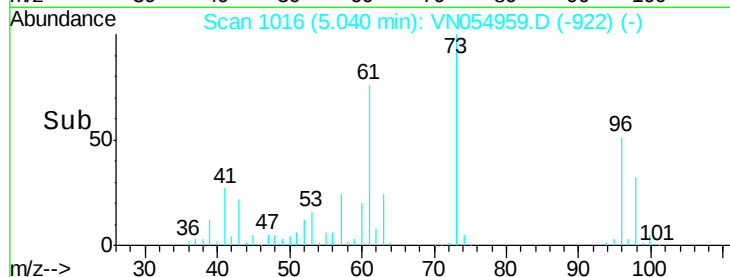


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 52.688 ug/l

RT: 5.96 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

Tgt Ion: 45 Resp: 902460

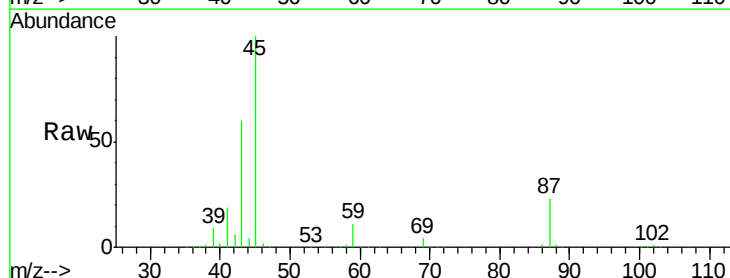
Ion Ratio Lower Upper

45 100

43 59.5 46.9 70.3

87 22.6 18.6 28.0

59 10.6 8.5 12.7



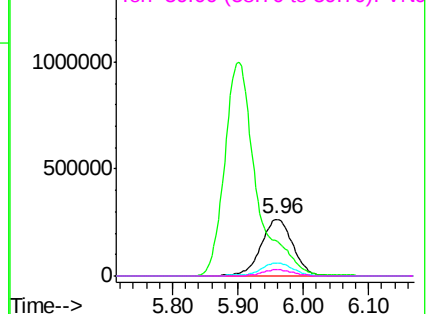
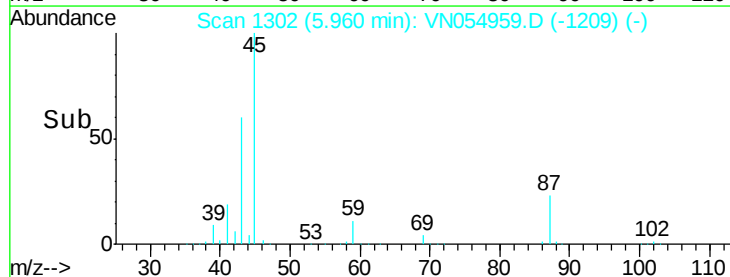
Abundance

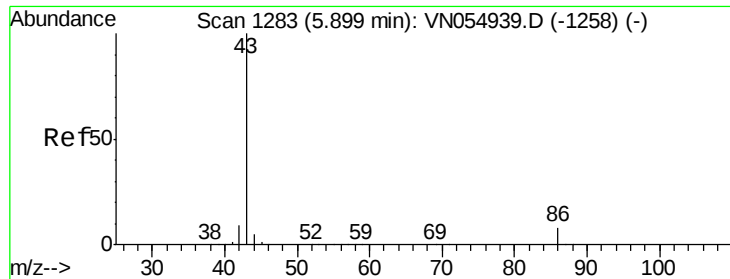
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

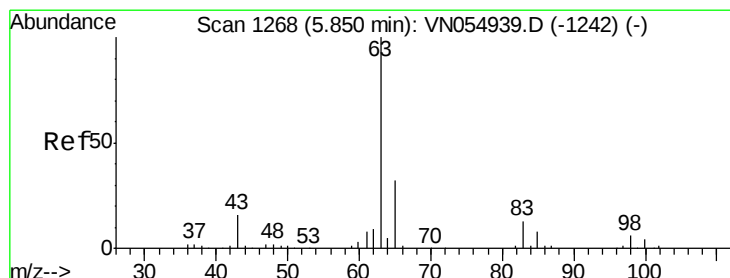
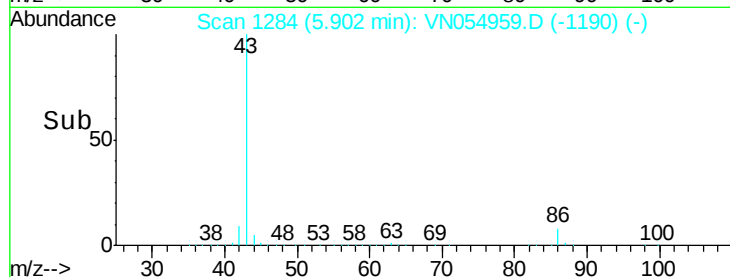
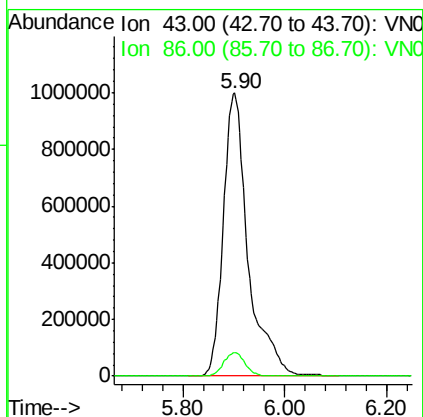
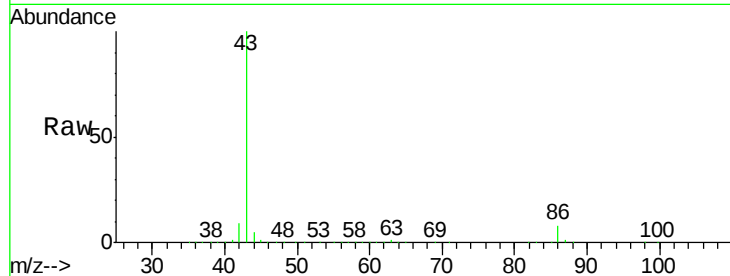




#23
 Vinyl Acetate
 Concen: 283.093 ug/l
 RT: 5.90 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VN054959.D
 Acq: 4 Apr 2019 20:23

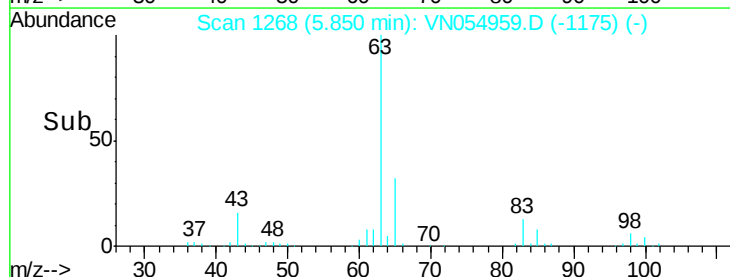
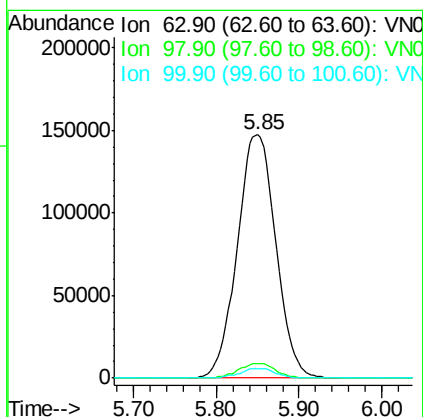
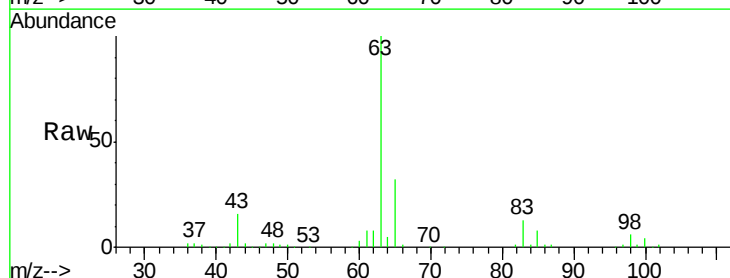
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

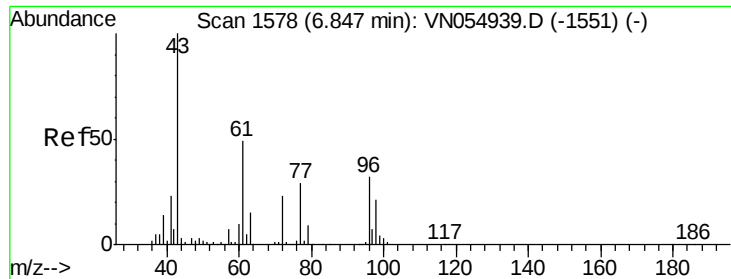
Tgt Ion: 43 Resp: 3374078
 Ion Ratio Lower Upper
 43 100
 86 8.4 6.7 10.1



#24
 1,1-Dichloroethane
 Concen: 51.028 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN054959.D
 Acq: 4 Apr 2019 20:23

Tgt Ion: 63 Resp: 476628
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.9 8.7
 100 3.9 2.1 6.2

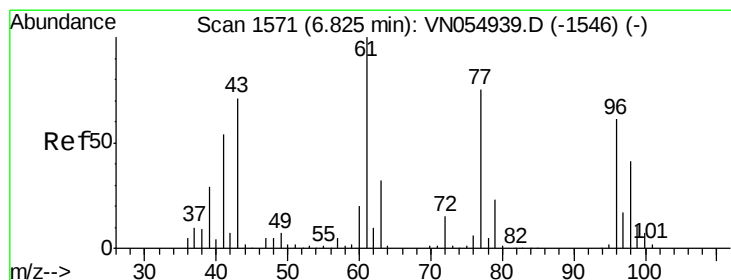
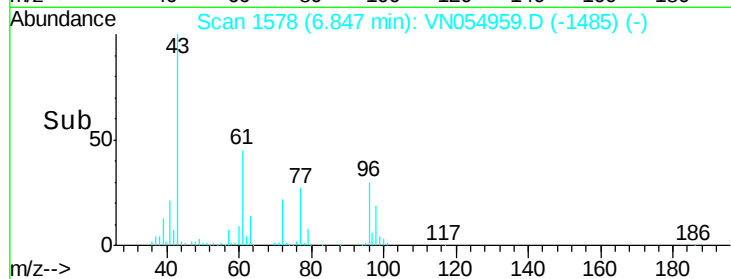
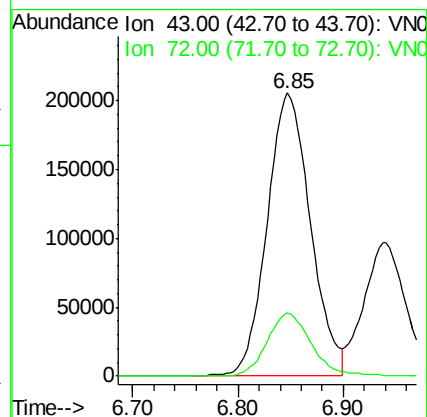
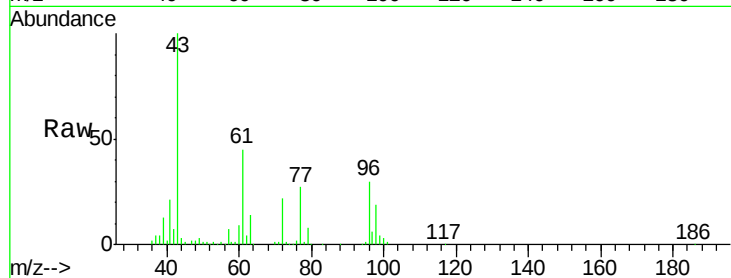




#25
2-Butanone
Concen: 277.003 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VN054959.D
Acq: 4 Apr 2019 20:23

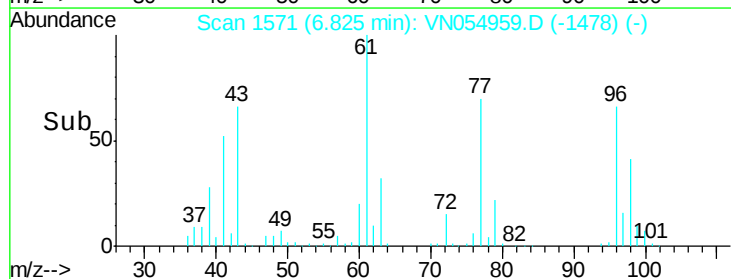
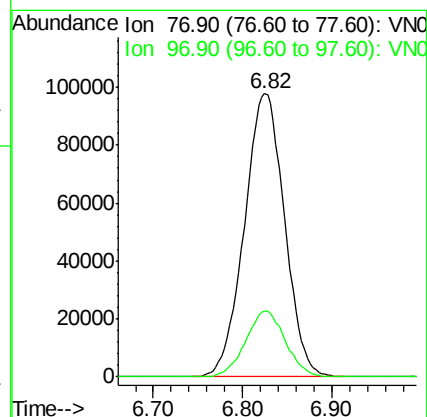
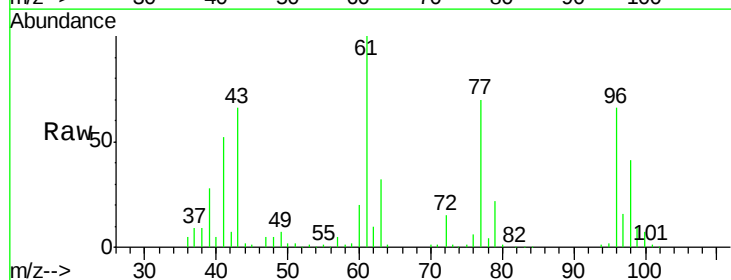
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

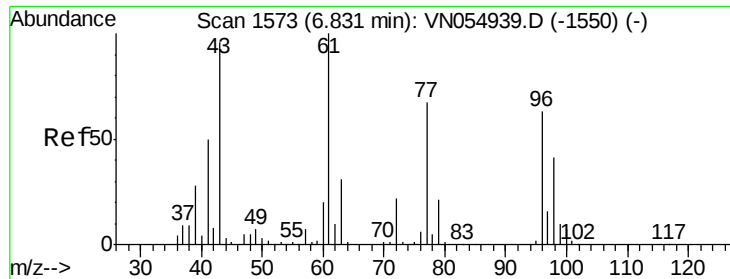
Tgt Ion: 43 Resp: 584618
Ion Ratio Lower Upper
43 100
72 22.5 18.3 27.5



#26
2,2-Dichloropropane
Concen: 46.605 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN054959.D
Acq: 4 Apr 2019 20:23

Tgt Ion: 77 Resp: 305164
Ion Ratio Lower Upper
77 100
97 23.0 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 51.203 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

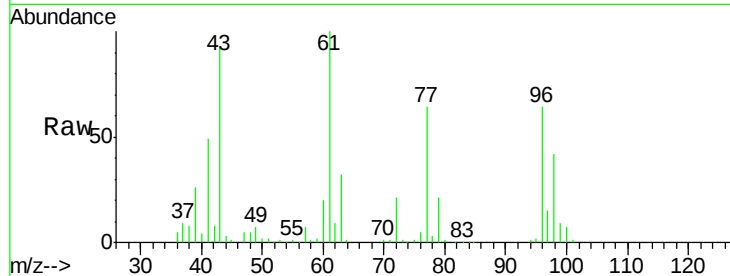
Tgt Ion: 96 Resp: 272591

Ion Ratio Lower Upper

96 100

61 156.0 0.0 316.2

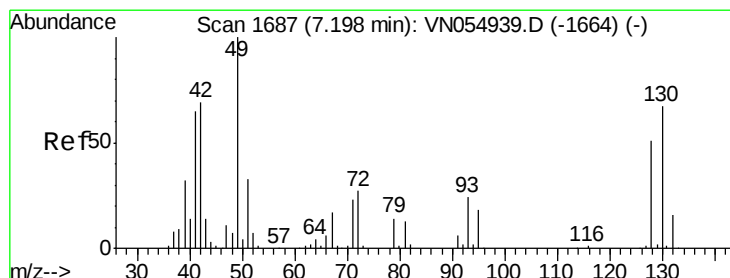
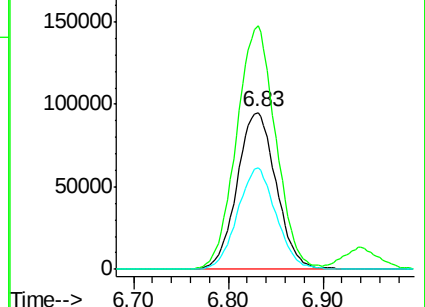
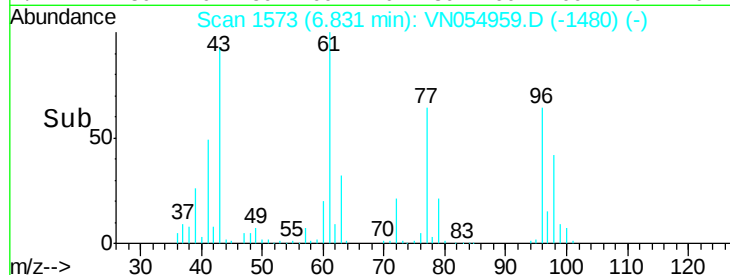
98 64.0 0.0 129.6



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: 51.316 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

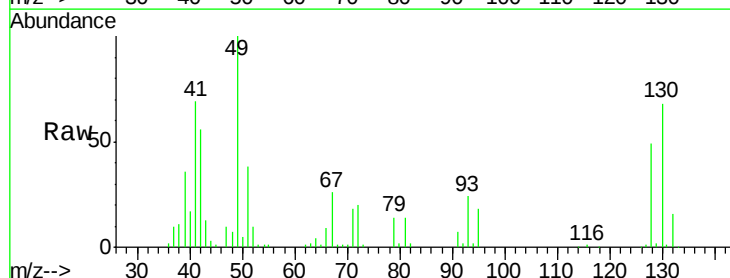
Tgt Ion: 49 Resp: 224549

Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

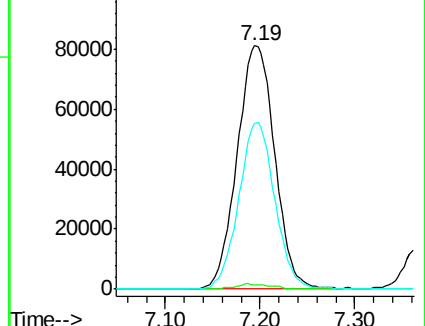
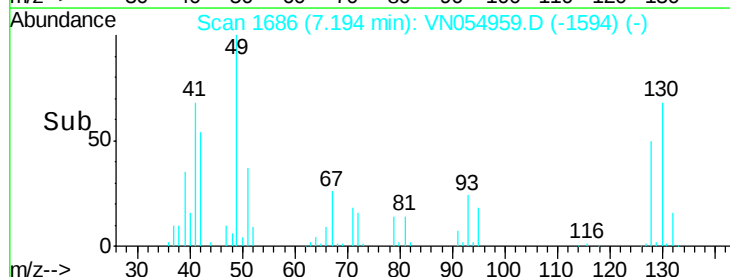
130 65.7 53.1 79.7

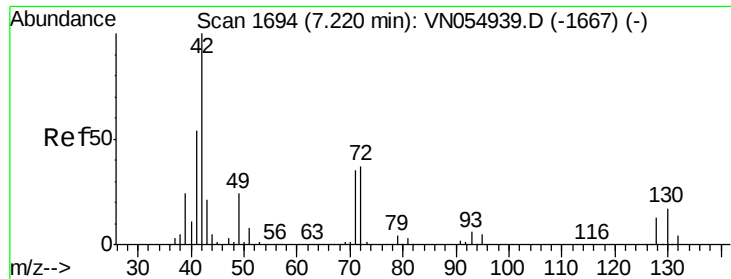


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

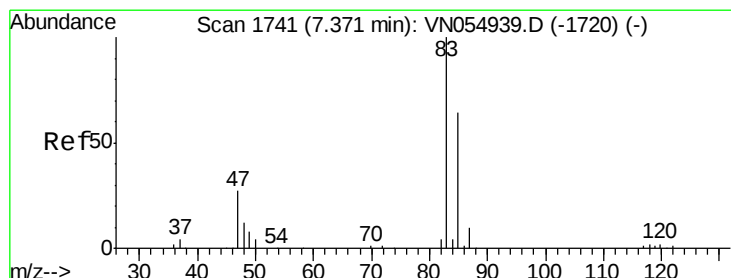
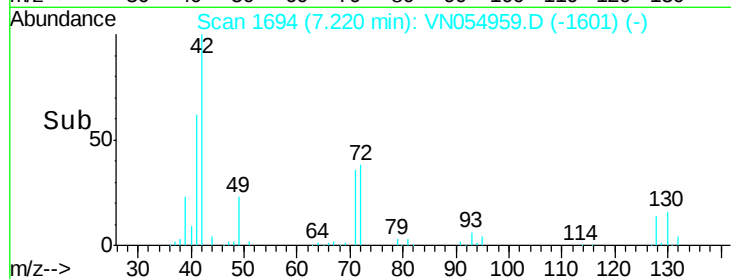
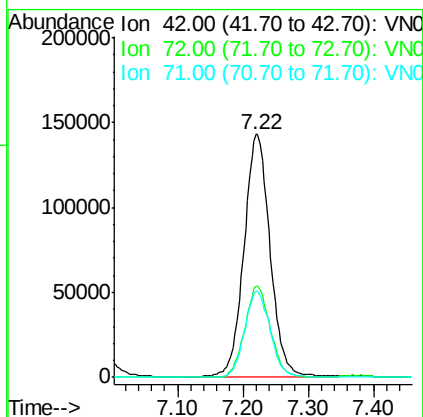
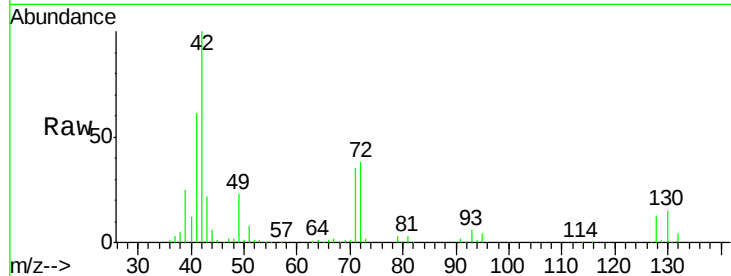




#29
Tetrahydrofuran
Concen: 287.519 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VN054959.D
Acq: 4 Apr 2019 20:23

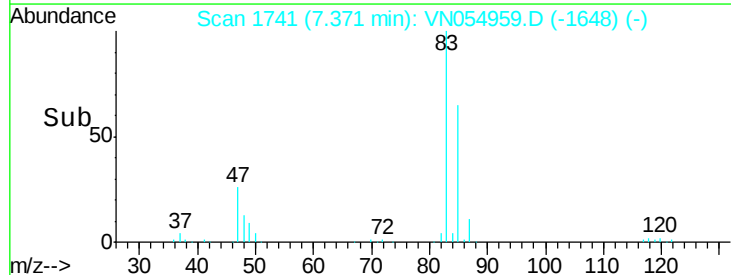
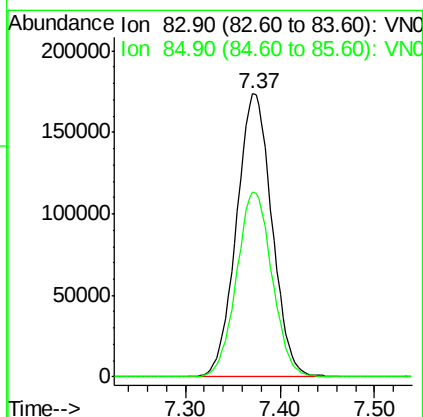
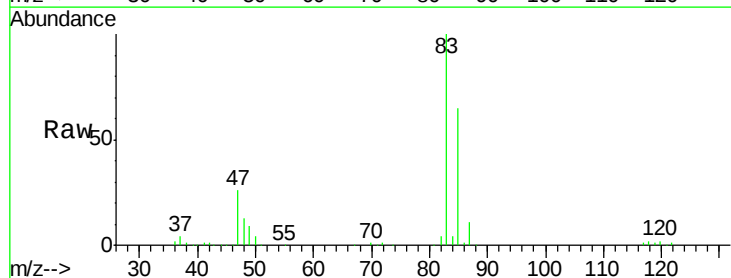
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

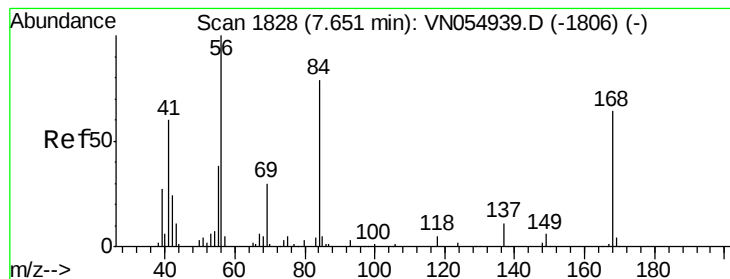
Tgt Ion: 42 Resp: 397736
Ion Ratio Lower Upper
42 100
72 36.5 29.3 43.9
71 34.9 27.8 41.6



#30
Chloroform
Concen: 51.094 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN054959.D
Acq: 4 Apr 2019 20:23

Tgt Ion: 83 Resp: 452293
Ion Ratio Lower Upper
83 100
85 65.1 51.4 77.0





#31

Cyclohexane

Concen: 50.712 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

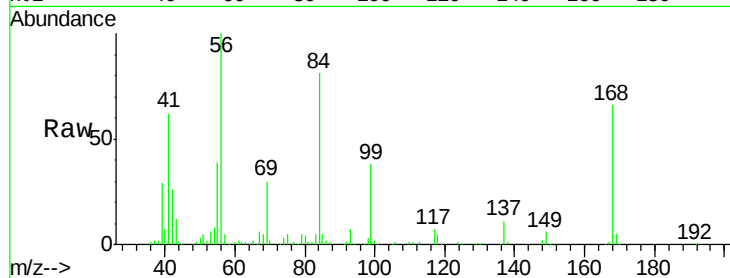
Tgt Ion: 56 Resp: 448442

Ion Ratio Lower Upper

56 100

69 30.4 23.8 35.6

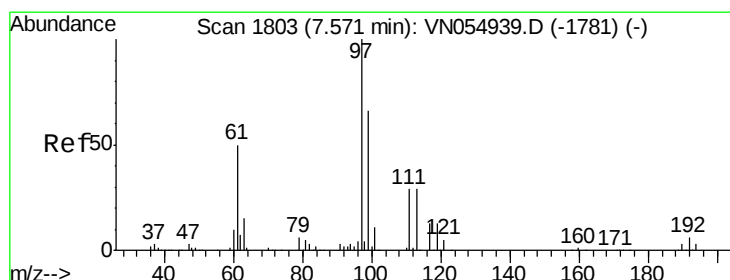
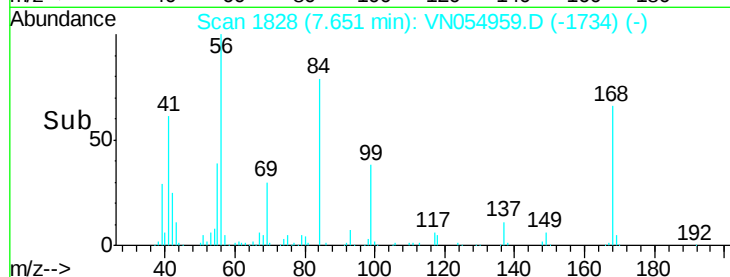
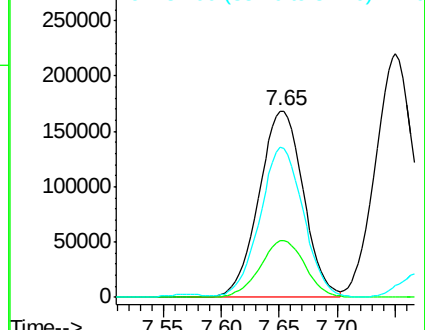
84 79.1 61.8 92.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 50.378 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

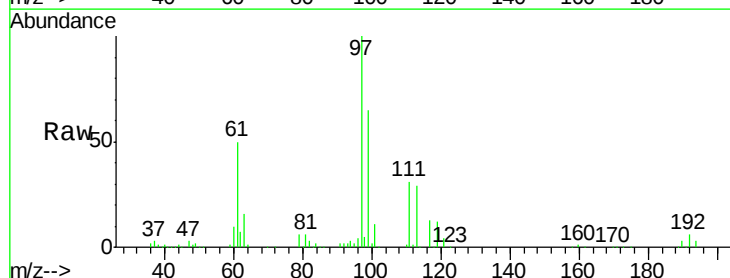
Tgt Ion: 97 Resp: 376320

Ion Ratio Lower Upper

97 100

99 64.7 52.1 78.1

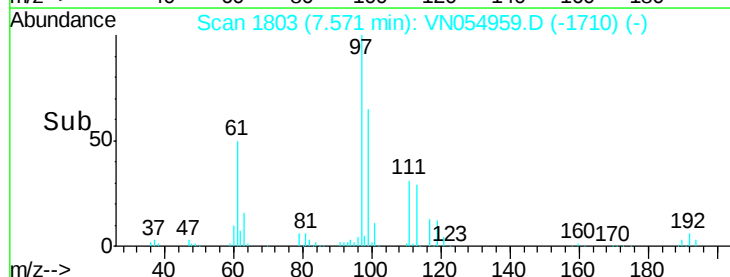
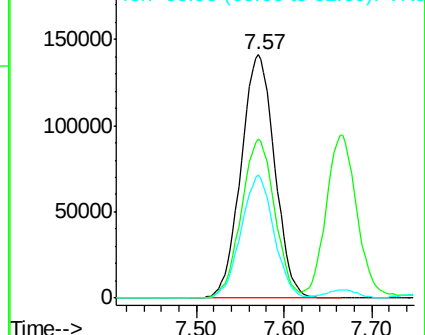
61 49.3 39.6 59.4

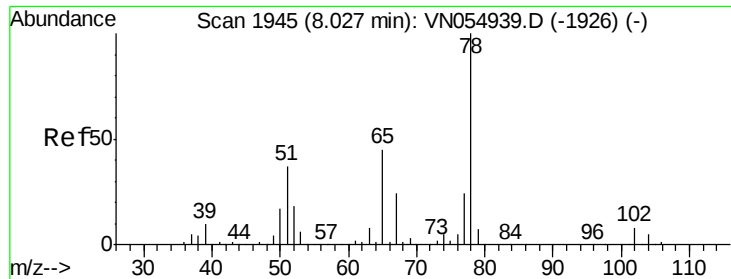


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

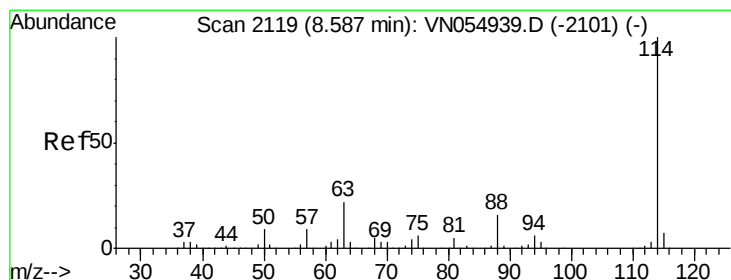
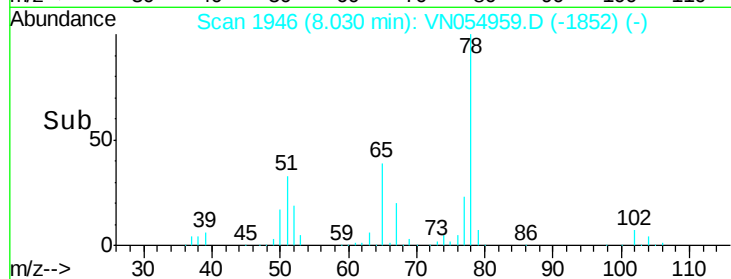
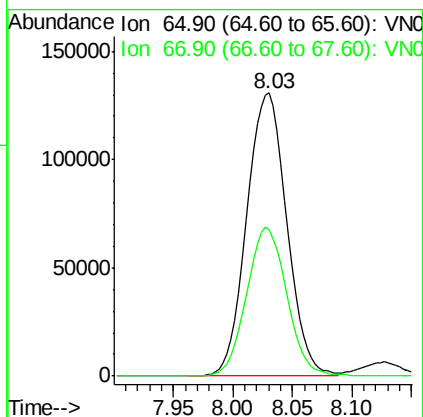
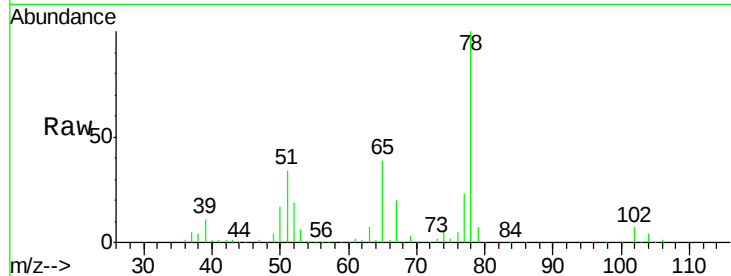




#33
 1,2-Dichloroethane-d4
 Concen: 54.399 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054959.D
 Acq: 4 Apr 2019 20:23

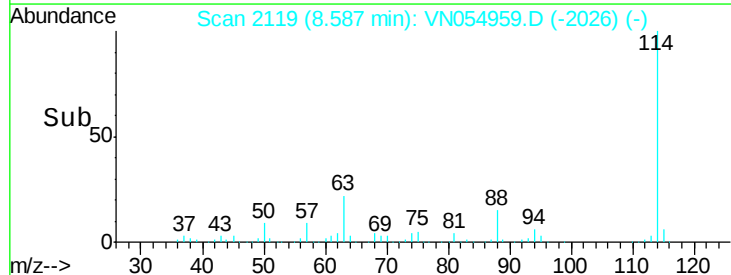
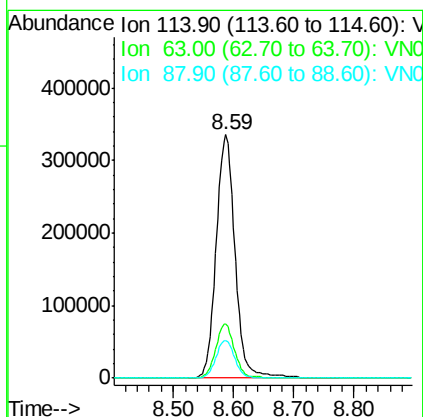
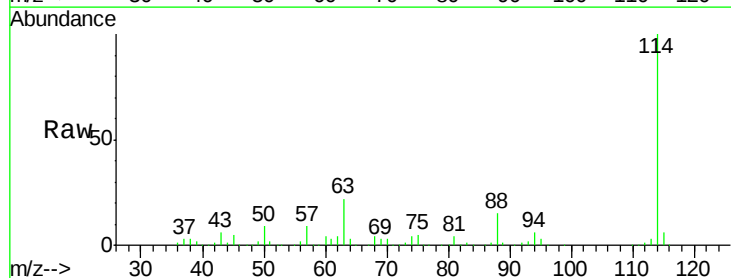
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

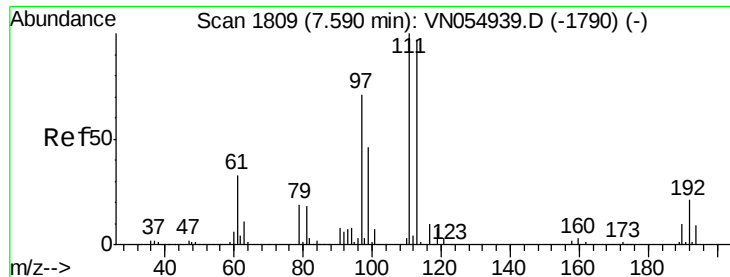
Tgt Ion: 65 Resp: 305758
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054959.D
 Acq: 4 Apr 2019 20:23

Tgt Ion: 114 Resp: 716547
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.6
 88 15.4 0.0 32.0

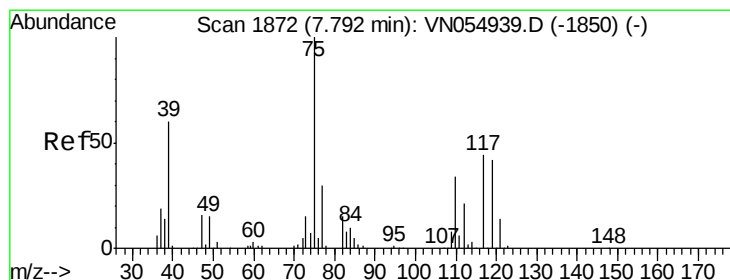
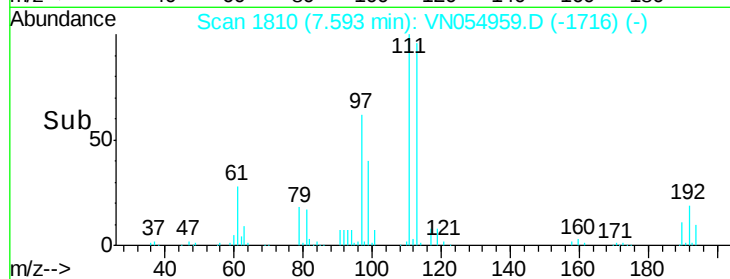
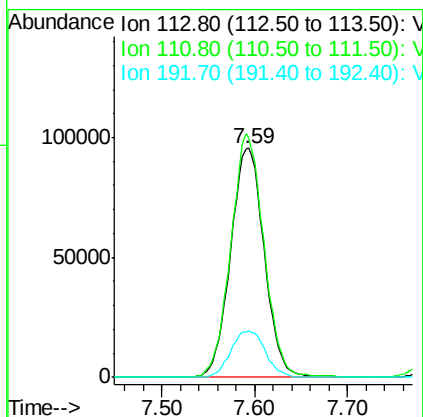
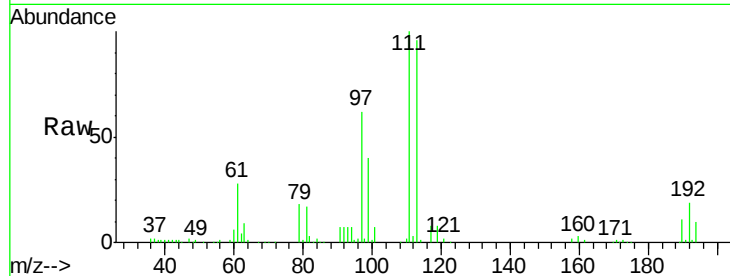




#35
 Dibromofluoromethane
 Concen: 51.534 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054959.D
 Acq: 4 Apr 2019 20:23

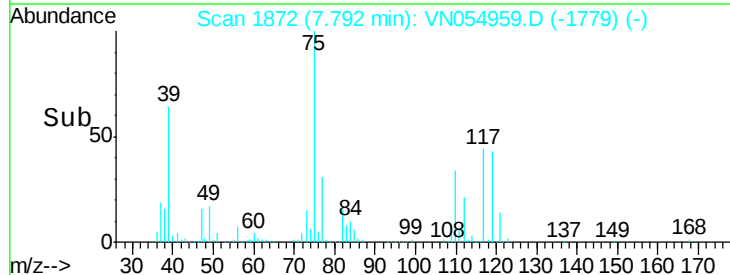
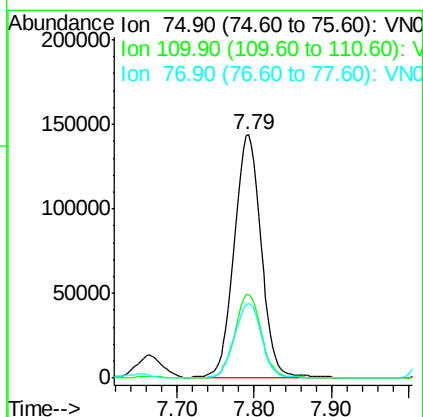
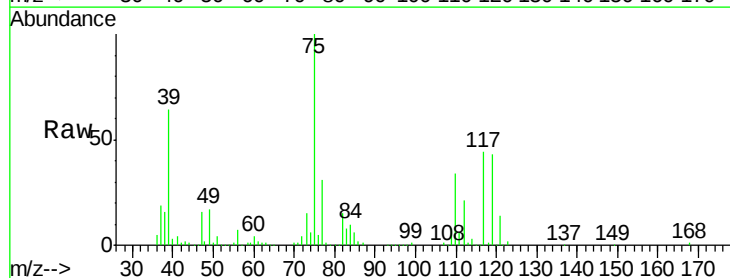
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

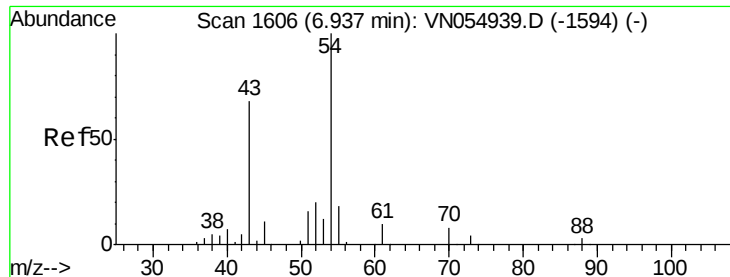
Tgt Ion: 113 Resp: 240374
 Ion Ratio Lower Upper
 113 100
 111 104.7 81.0 121.4
 192 20.9 16.5 24.7



#36
 1,1-Dichloropropene
 Concen: 48.726 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN054959.D
 Acq: 4 Apr 2019 20:23

Tgt Ion: 75 Resp: 345946
 Ion Ratio Lower Upper
 75 100
 110 33.8 17.0 50.9
 77 31.3 25.3 37.9

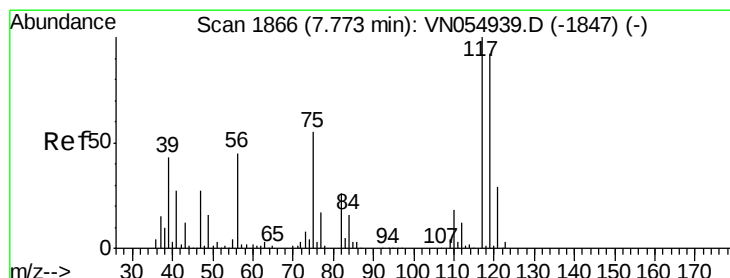
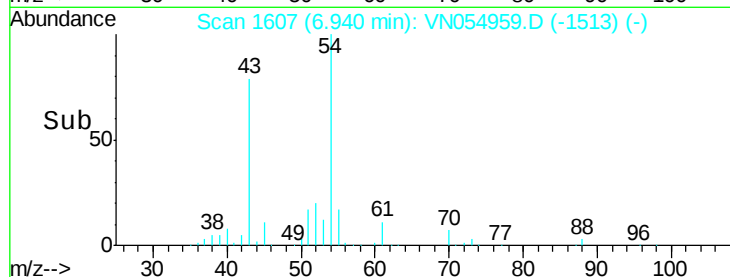
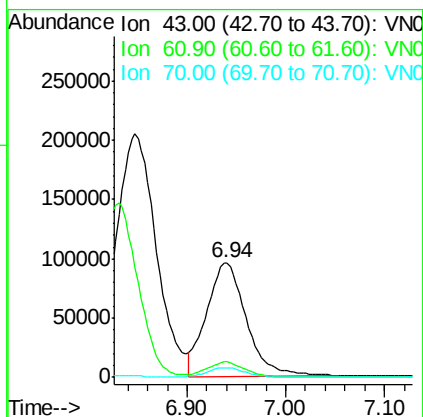
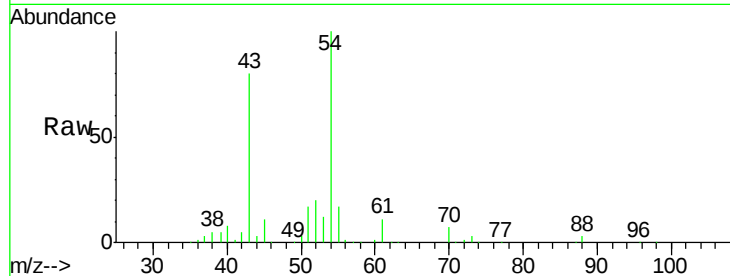




#37
 Ethyl Acetate
 Concen: 55.202 ug/l
 RT: 6.94 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: VN054959.D
 Acq: 4 Apr 2019 20:23

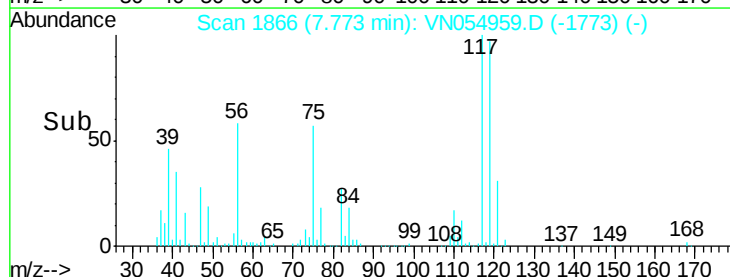
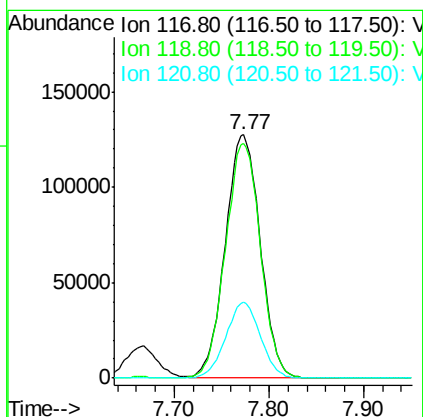
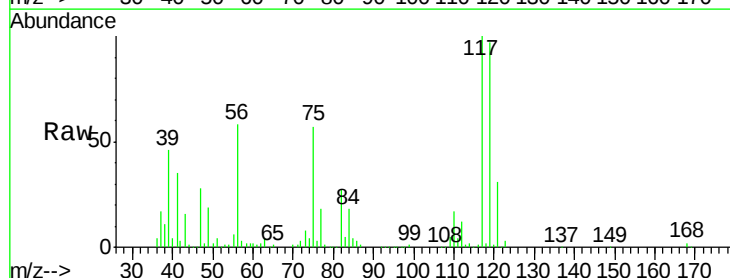
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

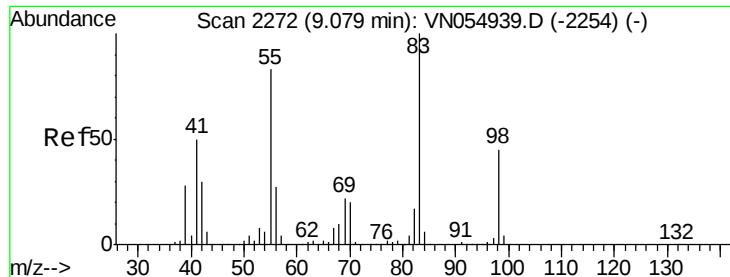
Tgt Ion: 43 Resp: 268962
 Ion Ratio Lower Upper
 43 100
 61 12.7 10.3 15.5
 70 8.6 7.0 10.4



#38
 Carbon Tetrachloride
 Concen: 47.795 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN054959.D
 Acq: 4 Apr 2019 20:23

Tgt Ion: 117 Resp: 327708
 Ion Ratio Lower Upper
 117 100
 119 96.5 73.6 110.4
 121 31.3 23.4 35.0

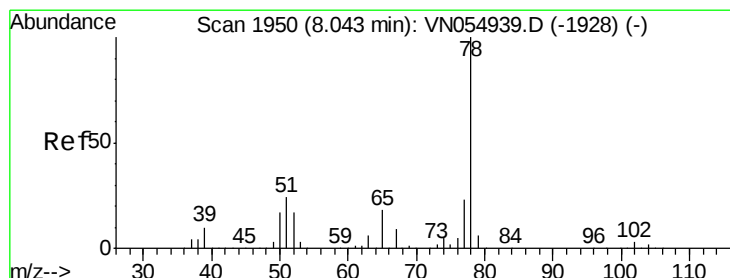
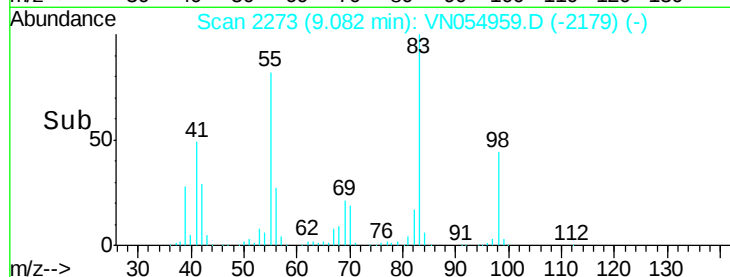
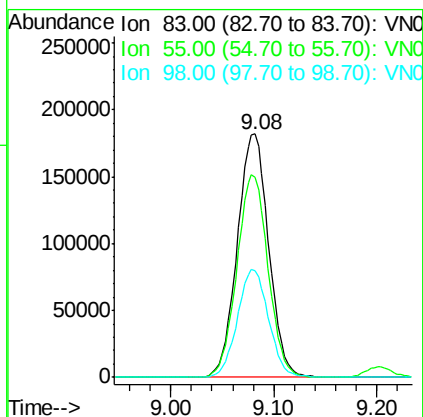
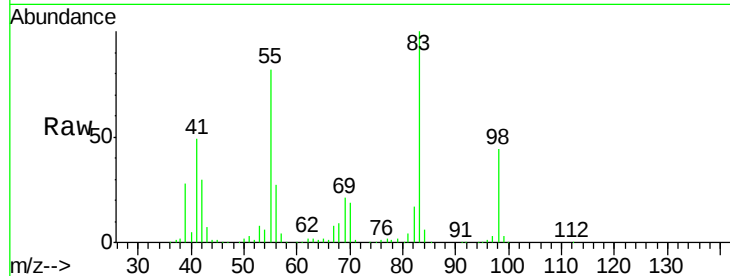




#39
Methylcyclohexane
Concen: 49.342 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN054959.D
Acq: 4 Apr 2019 20:23

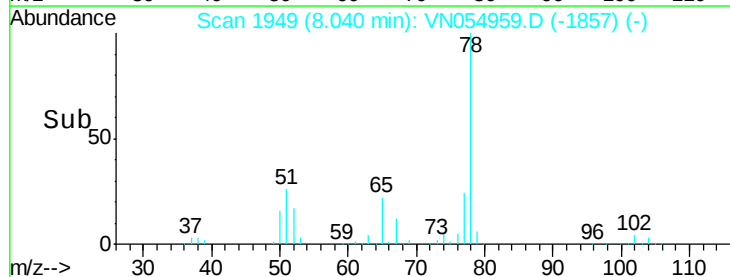
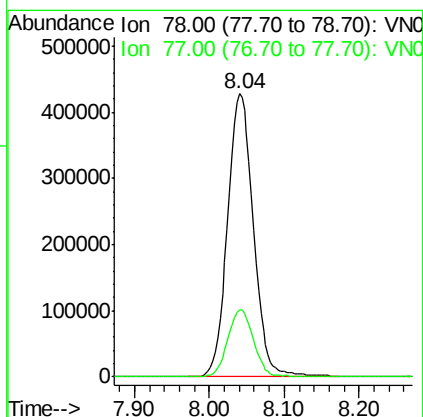
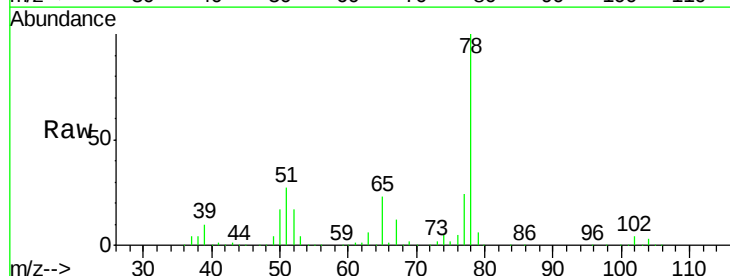
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

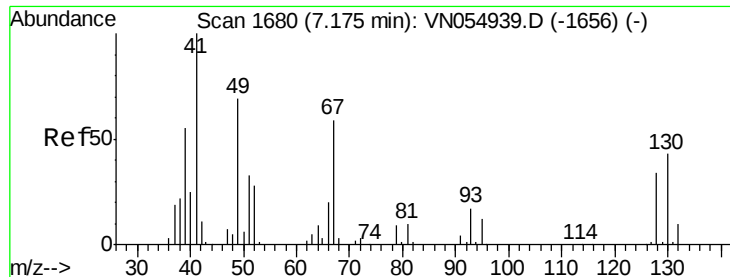
Tgt Ion: 83 Resp: 385404
Ion Ratio Lower Upper
83 100
55 82.2 66.4 99.6
98 44.0 36.4 54.6



#40
Benzene
Concen: 50.349 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN054959.D
Acq: 4 Apr 2019 20:23

Tgt Ion: 78 Resp: 1028607
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8





#41

Methacrylonitrile

Concen: 57.393 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 159895

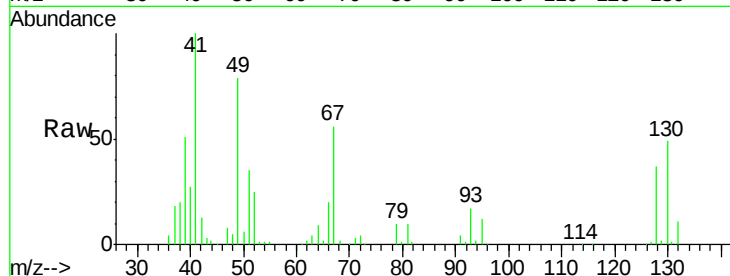
Ion Ratio Lower Upper

41 100

39 59.6 43.0 64.6

67 64.9 55.0 82.6

52 29.6 24.4 36.6

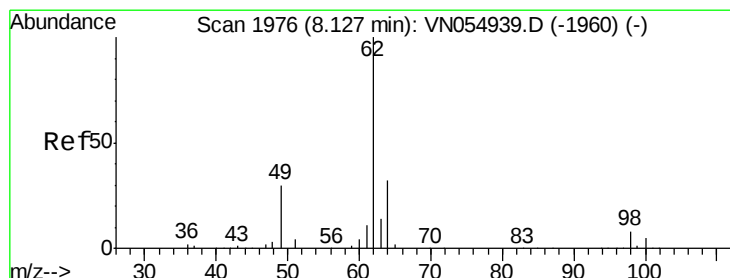
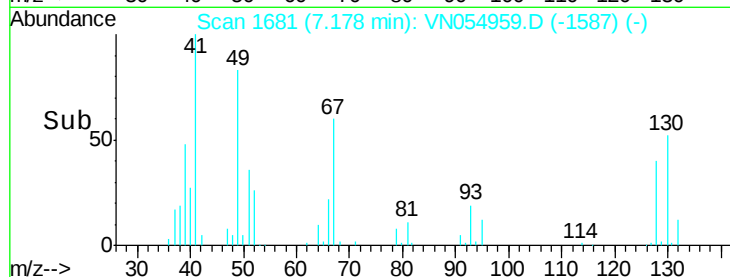
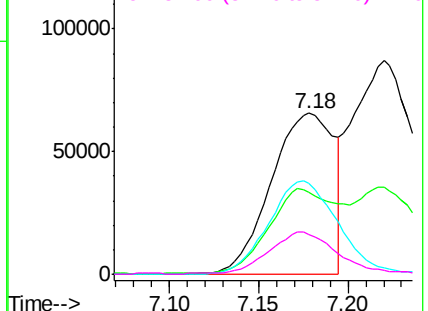


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 50.240 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN054959.D

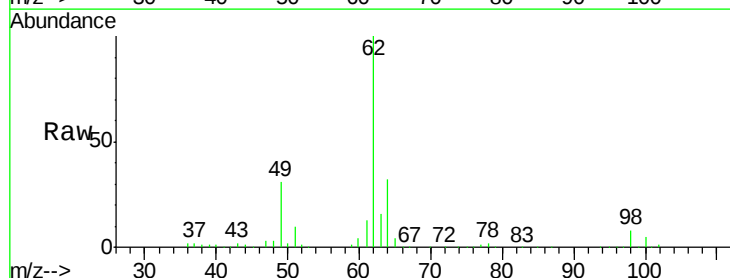
Acq: 4 Apr 2019 20:23

Tgt Ion: 62 Resp: 360669

Ion Ratio Lower Upper

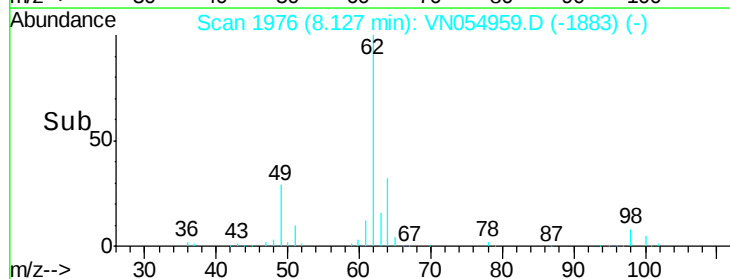
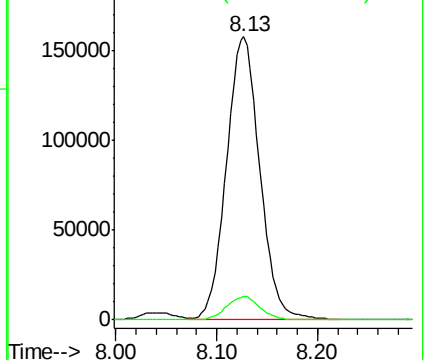
62 100

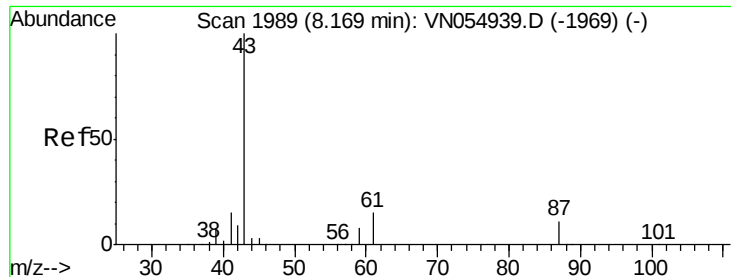
98 8.3 0.0 16.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 56.649 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

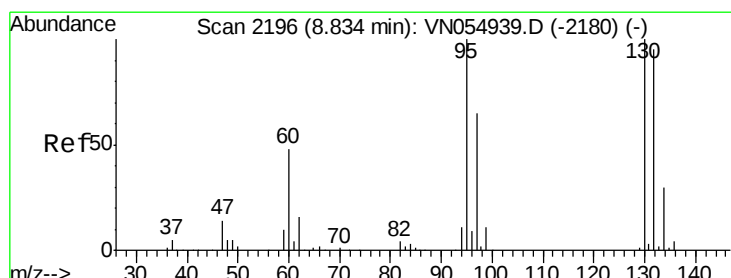
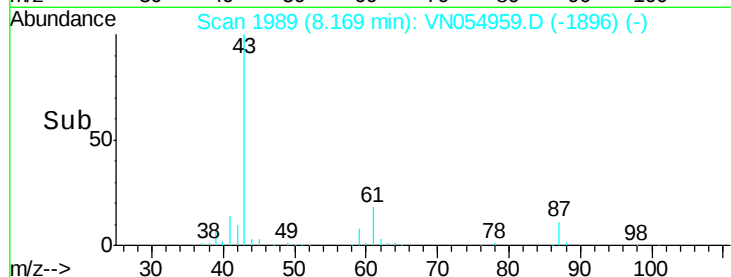
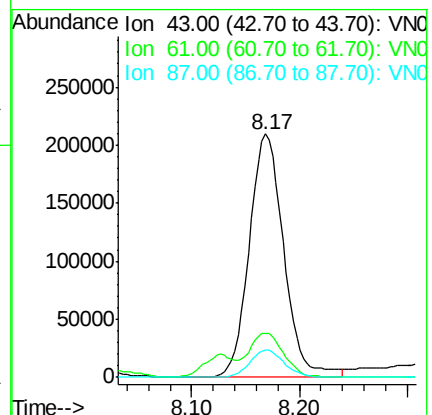
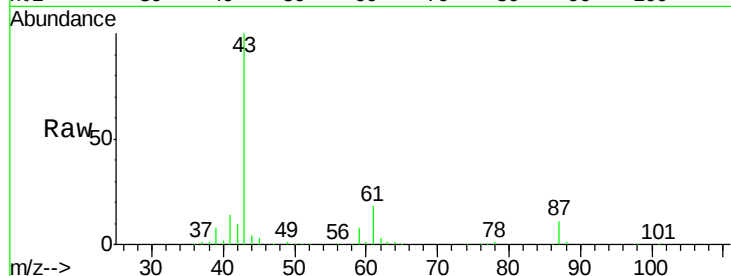
Tgt Ion: 43 Resp: 465174

Ion Ratio Lower Upper

43 100

61 17.9 14.4 21.6

87 11.0 9.0 13.4



#44

Trichloroethene

Concen: 50.489 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN054959.D

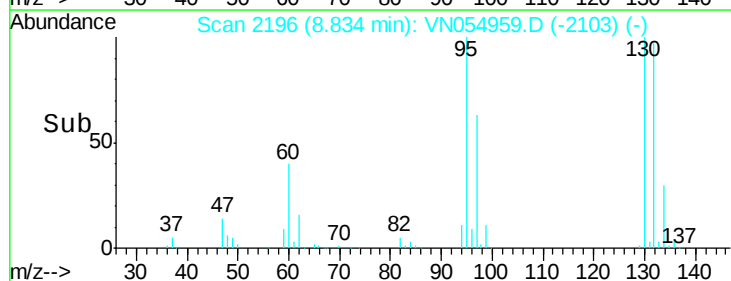
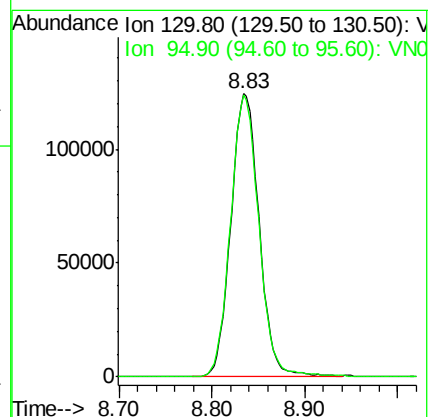
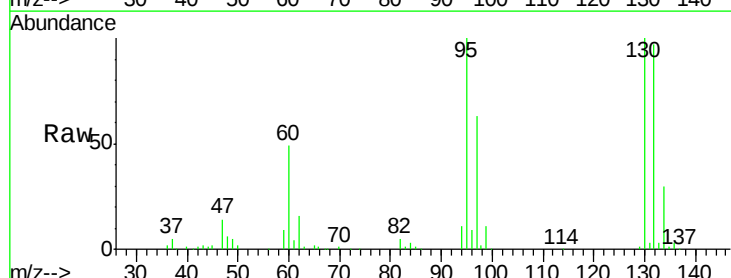
Acq: 4 Apr 2019 20:23

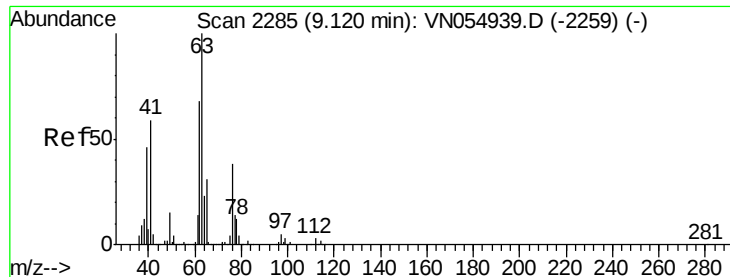
Tgt Ion: 130 Resp: 263735

Ion Ratio Lower Upper

130 100

95 99.5 0.0 200.4





#45

1,2-Dichloropropane

Concen: 50.788 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

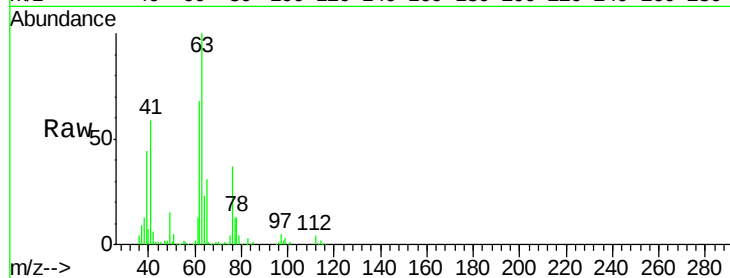
VSTDCCC050EC

Tgt Ion: 63 Resp: 289098

Ion Ratio Lower Upper

63 100

65 30.6 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.12

150000

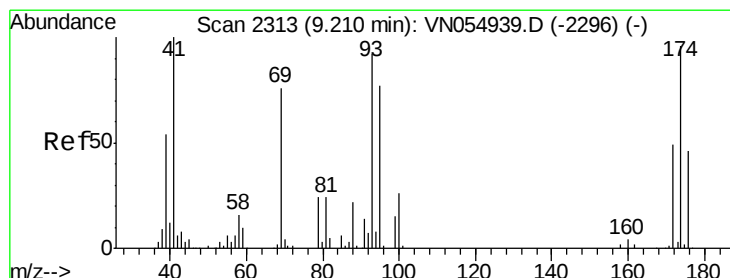
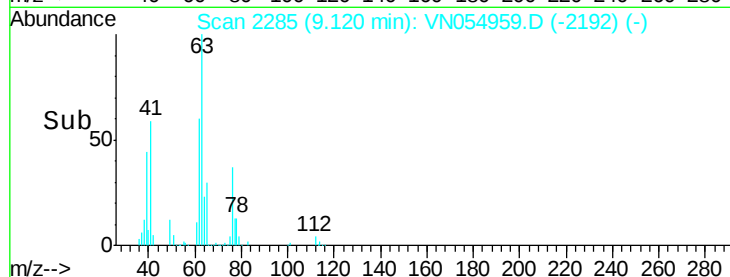
100000

50000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 50.947 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

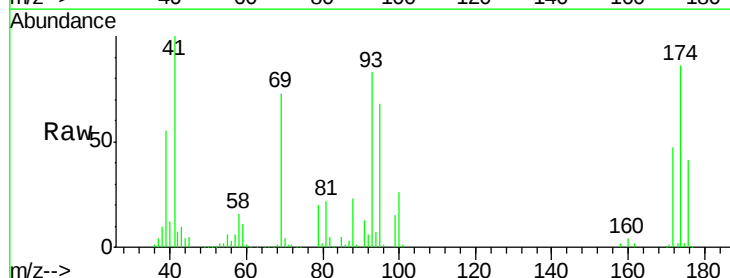
Tgt Ion: 93 Resp: 164454

Ion Ratio Lower Upper

93 100

95 81.8 66.7 100.1

174 103.6 82.0 123.0



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

100000

80000

60000

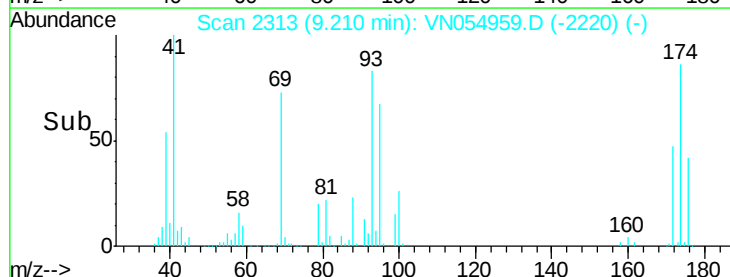
40000

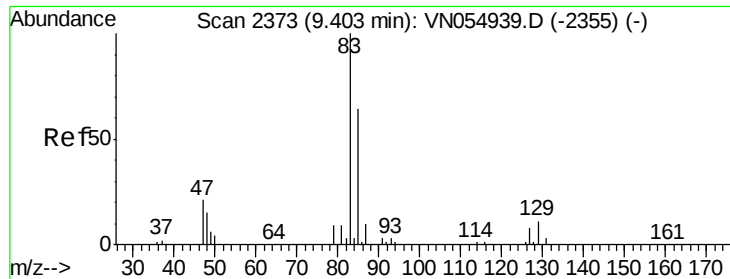
20000

0

Time-->

9.10 9.20 9.30

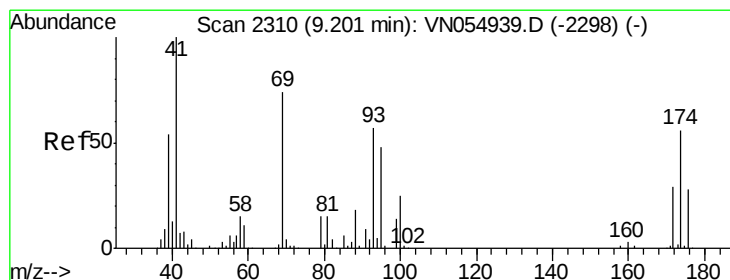
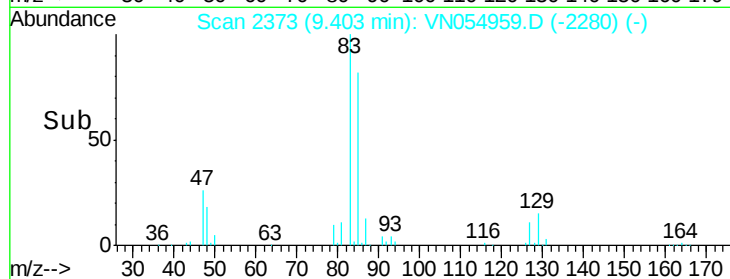
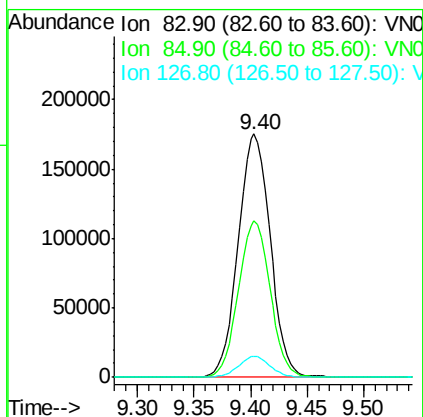
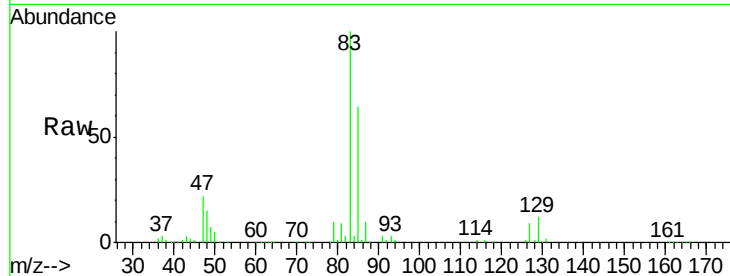




#47
Bromodichloromethane
Concen: 51.171 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN054959.D
Acq: 4 Apr 2019 20:23

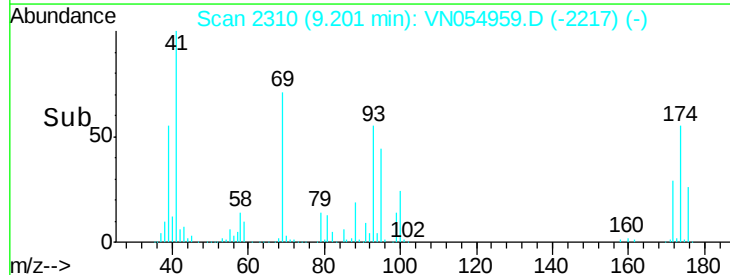
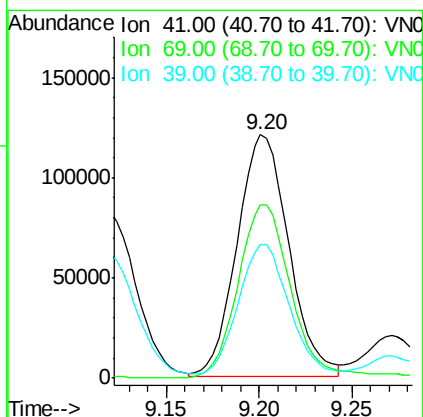
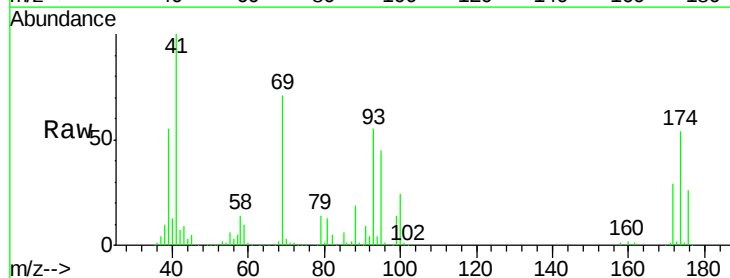
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

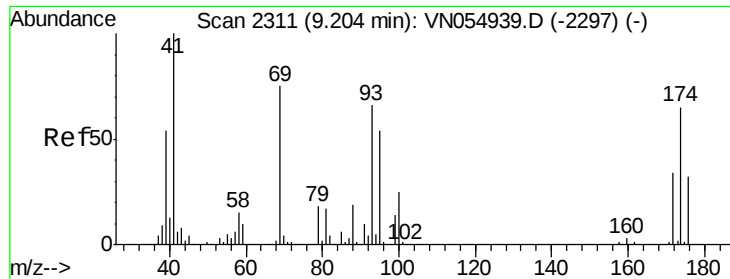
Tgt Ion: 83 Resp: 346932
Ion Ratio Lower Upper
83 100
85 64.3 51.1 76.7
127 8.8 6.7 10.1



#48
Methyl methacrylate
Concen: 56.079 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN054959.D
Acq: 4 Apr 2019 20:23

Tgt Ion: 41 Resp: 233115
Ion Ratio Lower Upper
41 100
69 75.4 58.9 88.3
39 55.4 44.2 66.4





#49

1,4-Dioxane

Concen: 1164.641 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

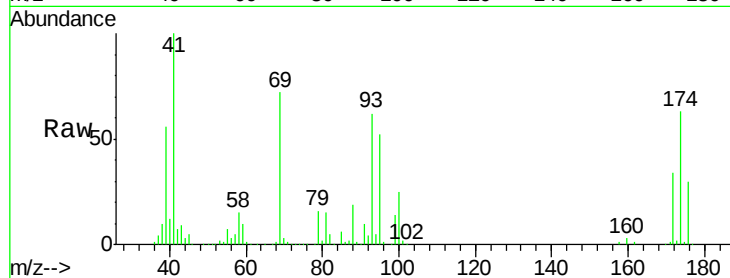
Tgt Ion: 88 Resp: 48865

Ion Ratio Lower Upper

88 100

43 38.1 31.5 47.3

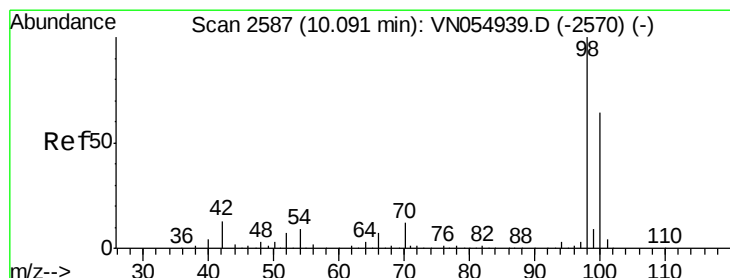
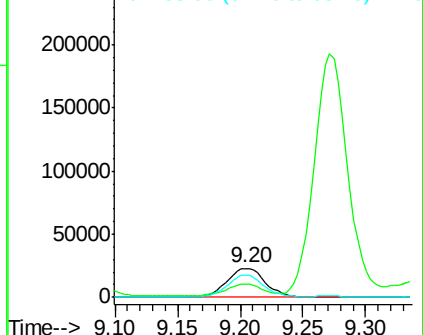
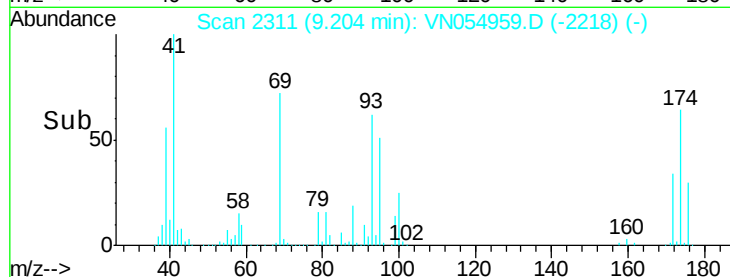
58 73.2 61.9 92.9



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: 51.295 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054959.D

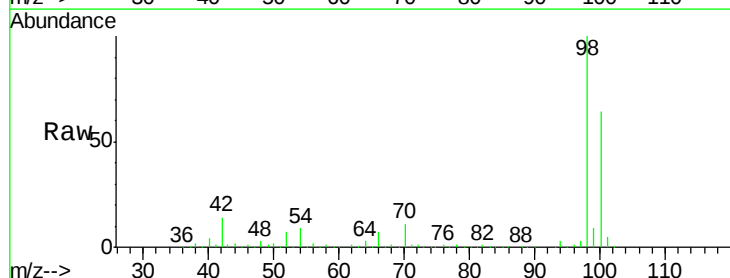
Acq: 4 Apr 2019 20:23

Tgt Ion: 98 Resp: 907843

Ion Ratio Lower Upper

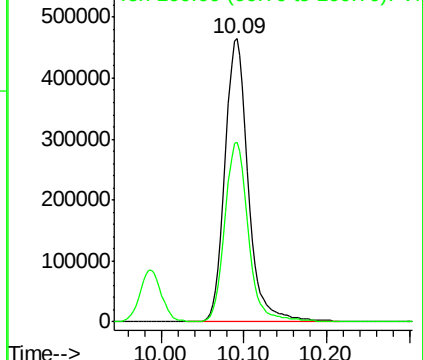
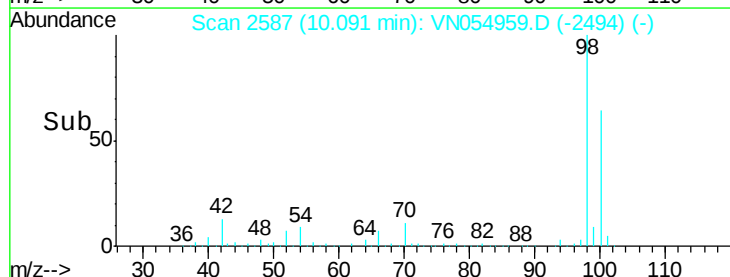
98 100

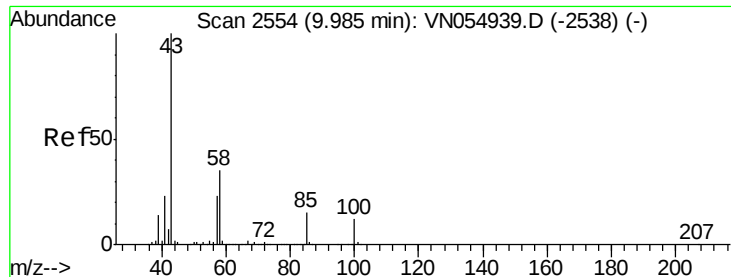
100 64.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

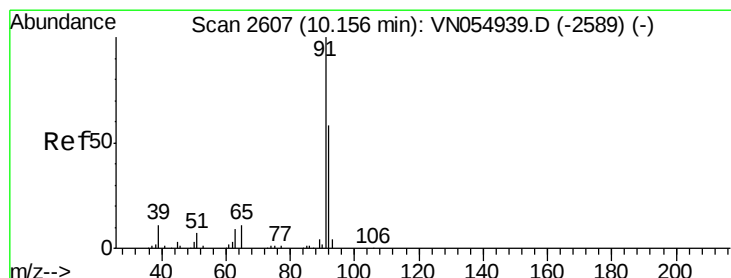
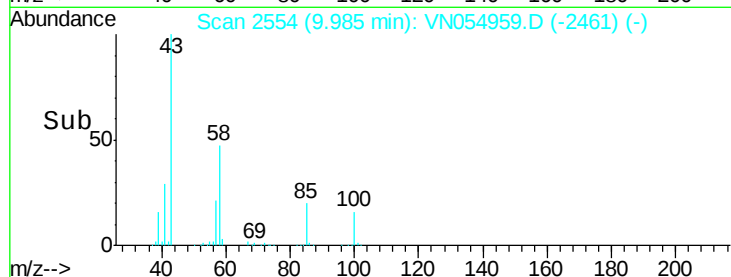
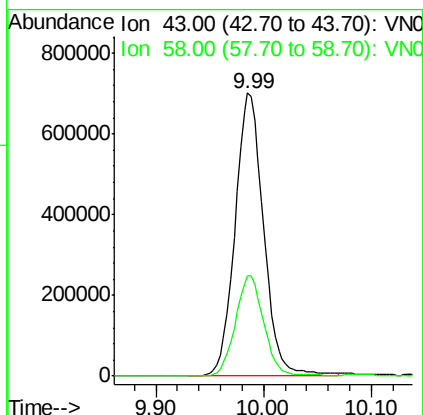
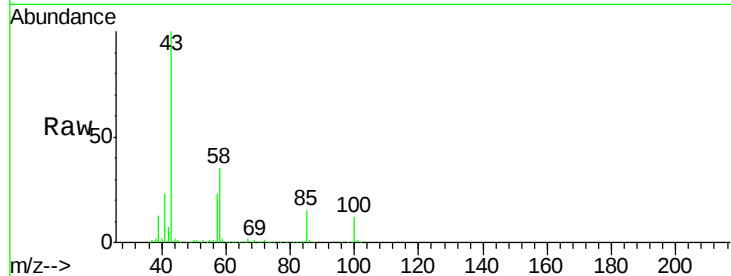




#51
 4-Methyl-2-Pentanone
 Concen: 281.130 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN054959.D
 Acq: 4 Apr 2019 20:23

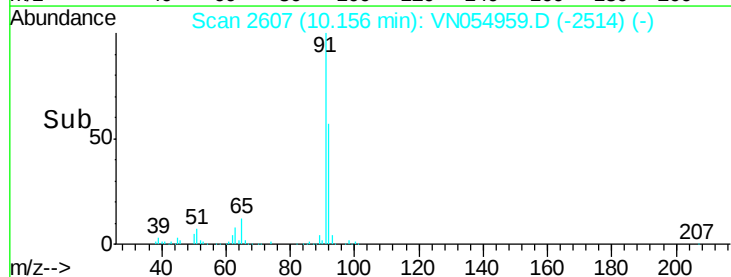
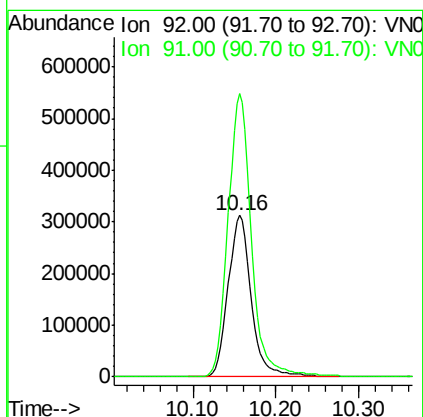
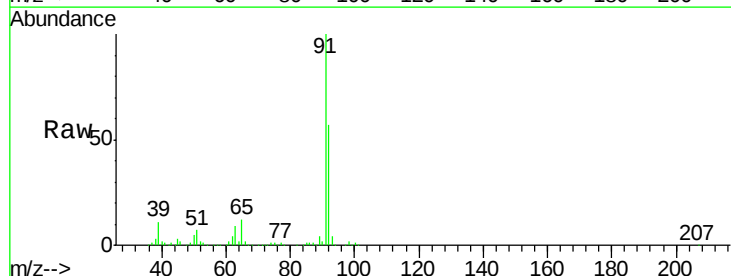
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

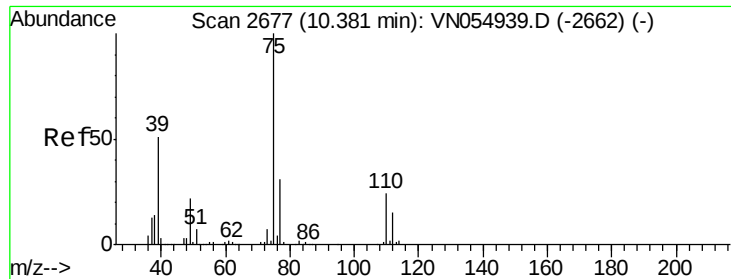
Tgt Ion: 43 Resp: 1287832
 Ion Ratio Lower Upper
 43 100
 58 35.8 28.3 42.5



#52
 Toluene
 Concen: 50.788 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN054959.D
 Acq: 4 Apr 2019 20:23

Tgt Ion: 92 Resp: 611591
 Ion Ratio Lower Upper
 92 100
 91 176.5 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 48.514 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

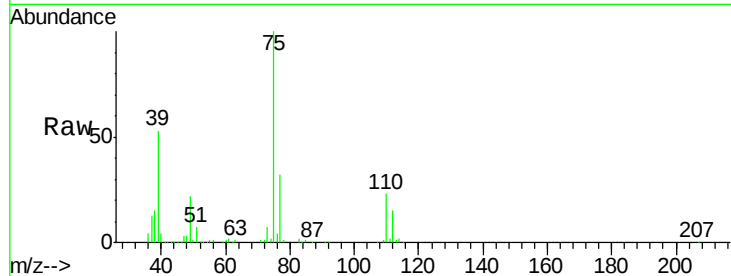
VSTDCCC050EC

Tgt Ion: 75 Resp: 339718

Ion Ratio Lower Upper

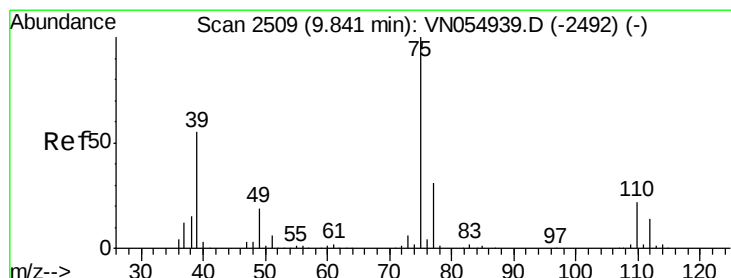
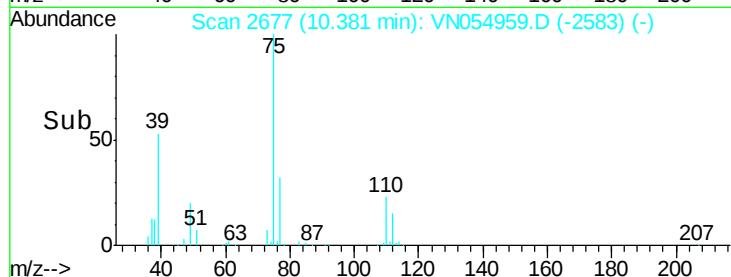
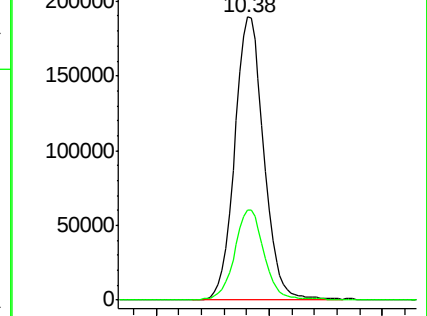
75 100

77 31.5 24.6 36.8



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: 52.456 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

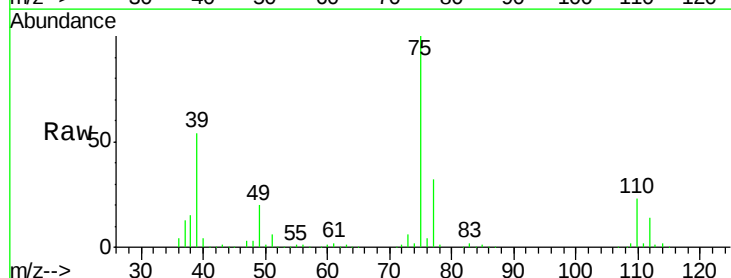
Tgt Ion: 75 Resp: 400280

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4

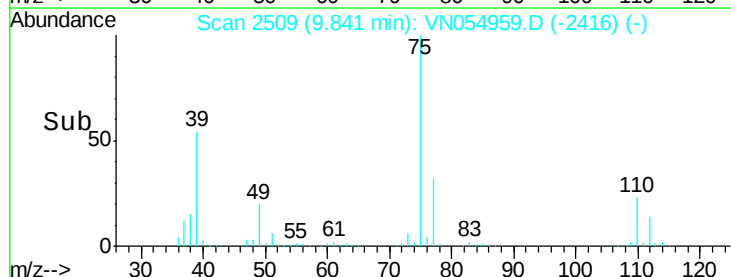
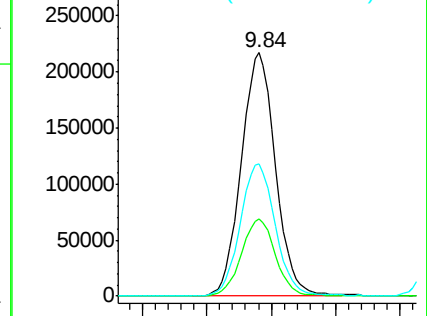
39 54.0 43.9 65.9

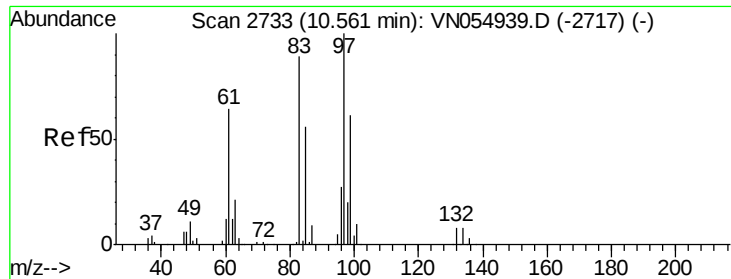


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 51.440 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 224585

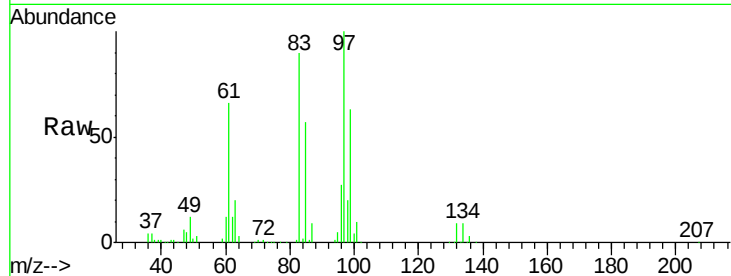
Ion Ratio Lower Upper

97 100

83 90.1 71.5 107.3

85 56.6 45.0 67.6

99 62.6 49.1 73.7

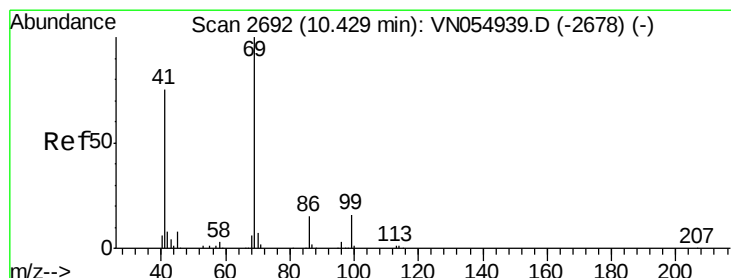
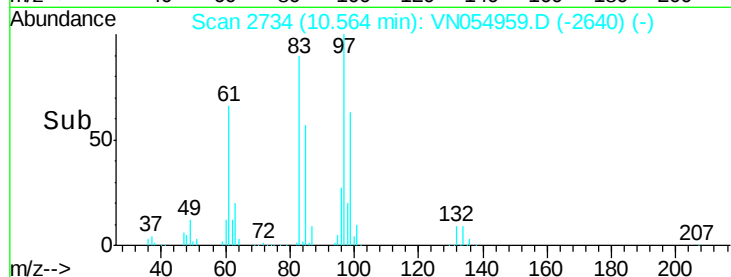
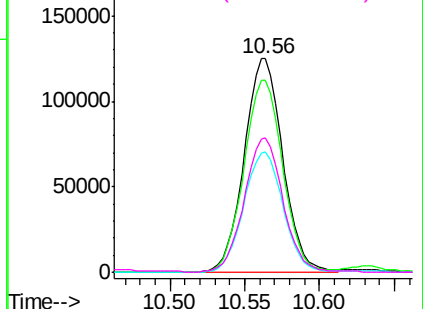


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 55.407 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

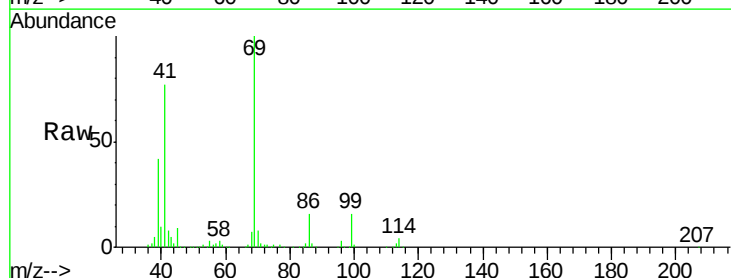
Tgt Ion: 69 Resp: 316285

Ion Ratio Lower Upper

69 100

41 76.9 60.2 90.2

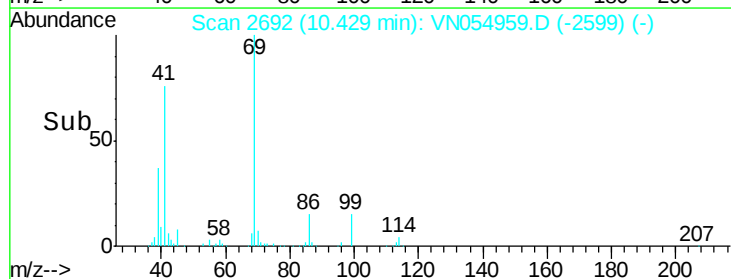
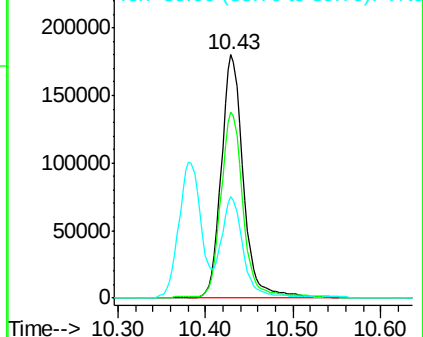
39 41.2 31.3 46.9

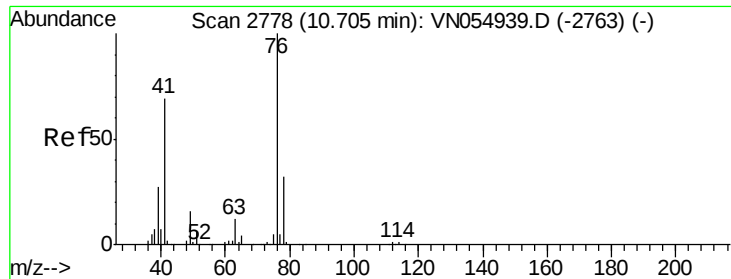


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 52.063 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

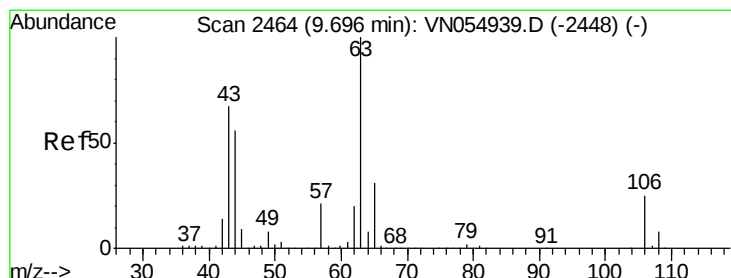
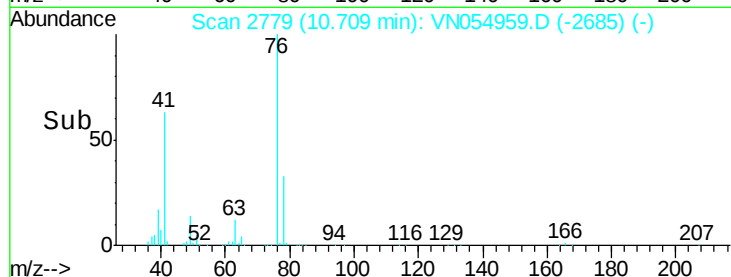
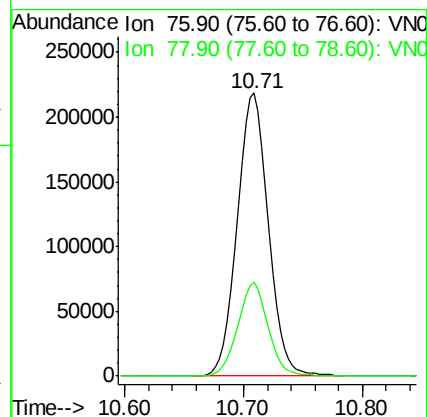
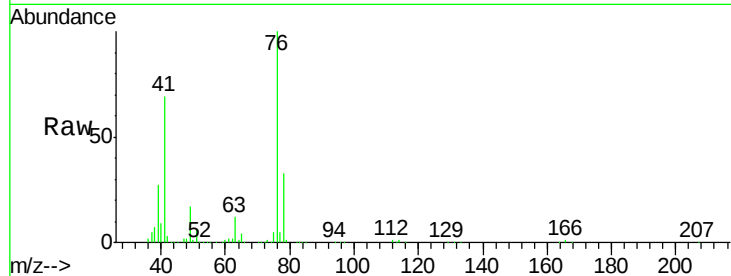
VSTDCCC050EC

Tgt Ion: 76 Resp: 396979

Ion Ratio Lower Upper

76 100

78 32.1 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 249.446 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN054959.D

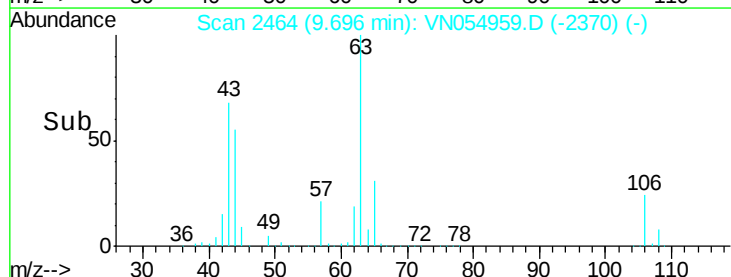
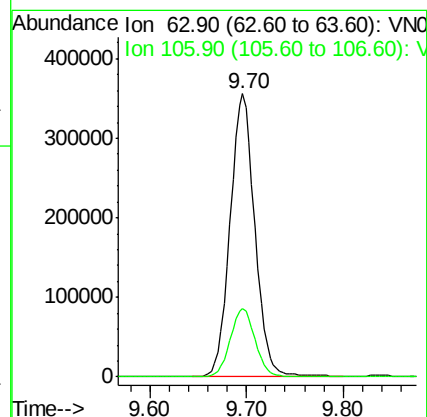
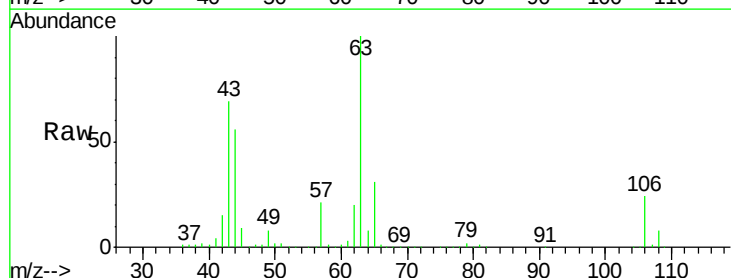
Acq: 4 Apr 2019 20:23

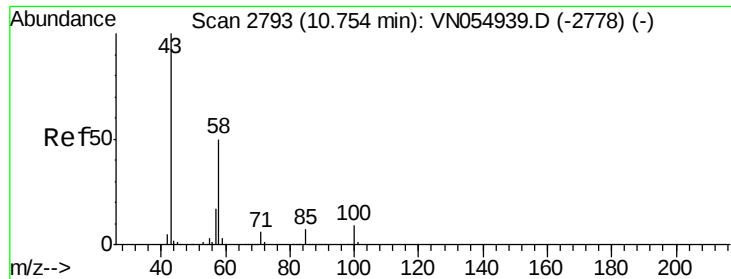
Tgt Ion: 63 Resp: 632457

Ion Ratio Lower Upper

63 100

106 24.2 19.7 29.5

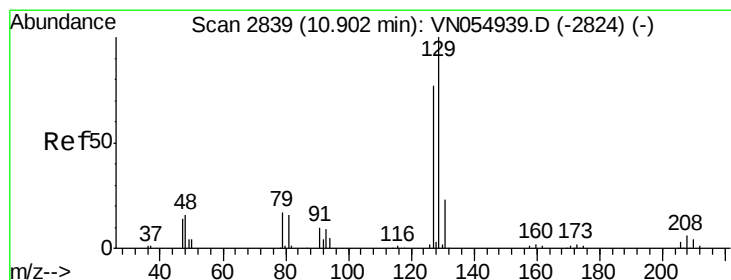
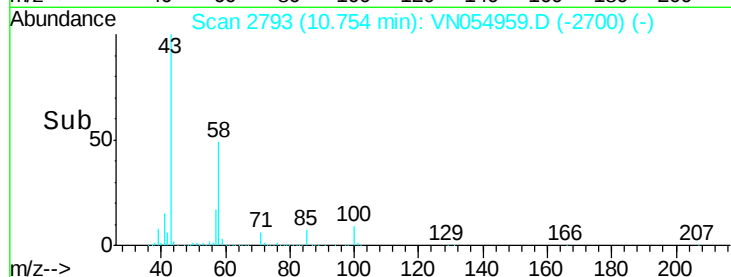
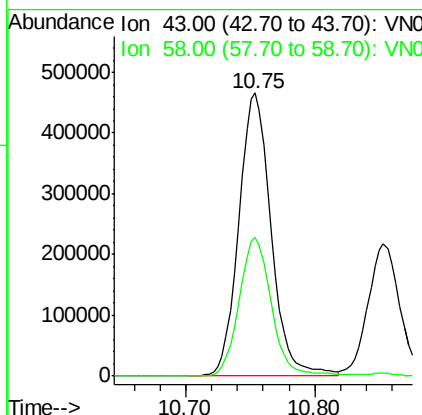
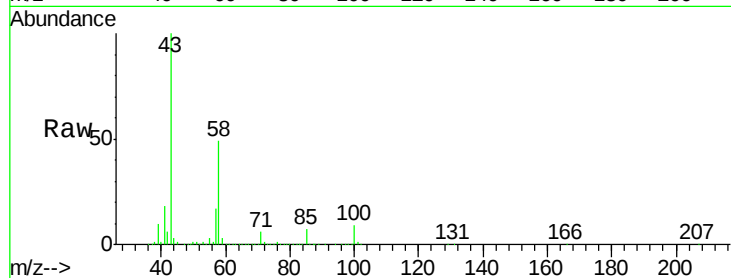




#59
2-Hexanone
Concen: 282.584 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN054959.D
Acq: 4 Apr 2019 20:23

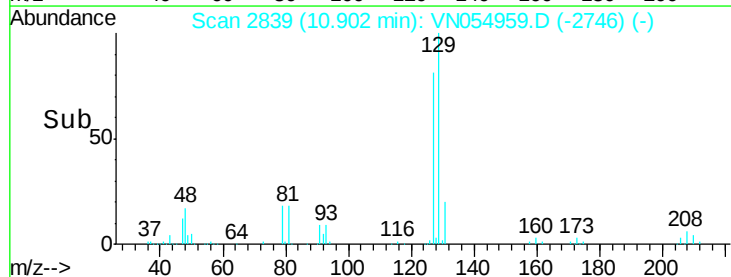
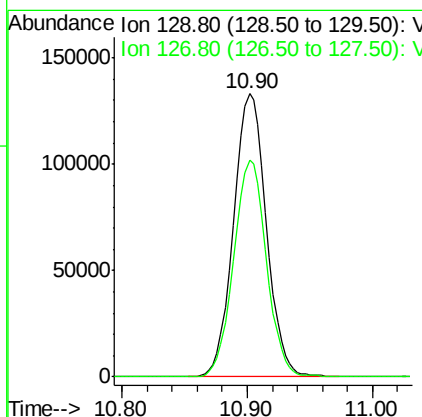
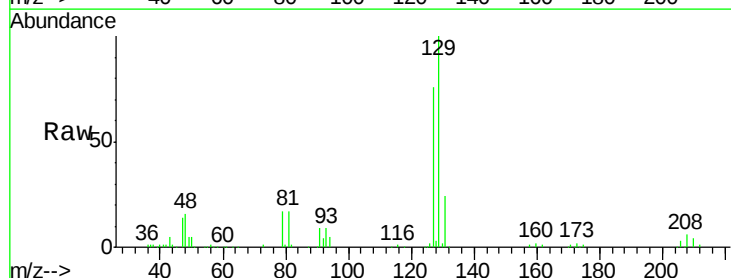
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

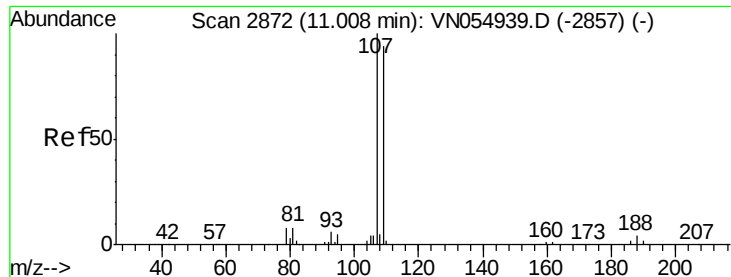
Tgt Ion: 43 Resp: 808557
Ion Ratio Lower Upper
43 100
58 49.2 24.6 73.8



#60
Dibromochloromethane
Concen: 53.017 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN054959.D
Acq: 4 Apr 2019 20:23

Tgt Ion: 129 Resp: 242454
Ion Ratio Lower Upper
129 100
127 76.4 38.4 115.2

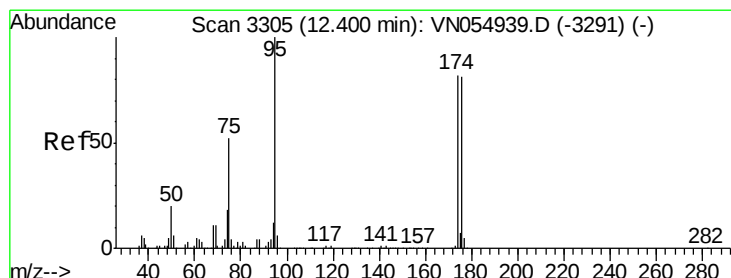
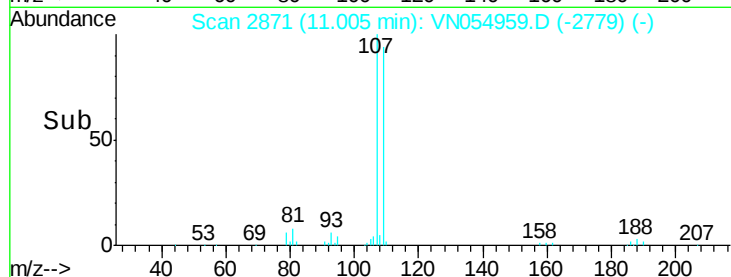
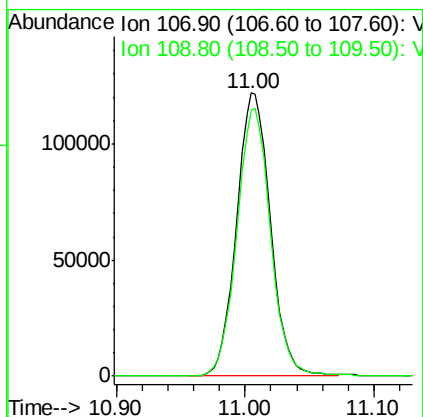
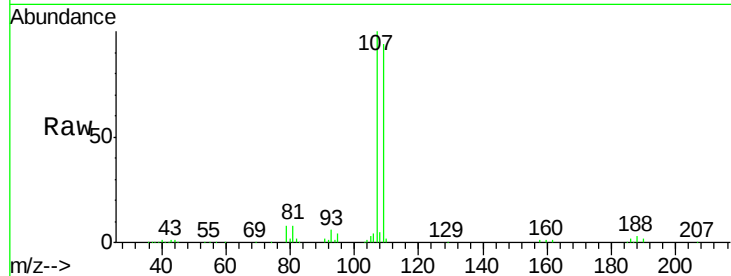




#61
 1,2-Dibromoethane
 Concen: 54.240 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN054959.D
 Acq: 4 Apr 2019 20:23

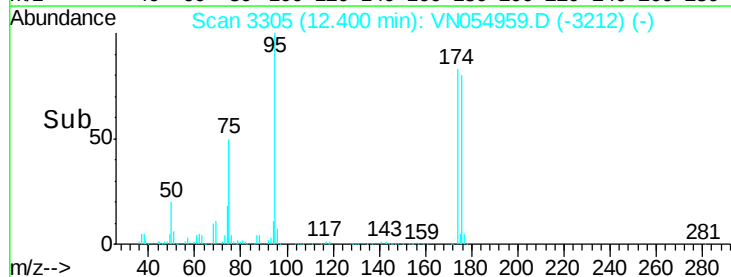
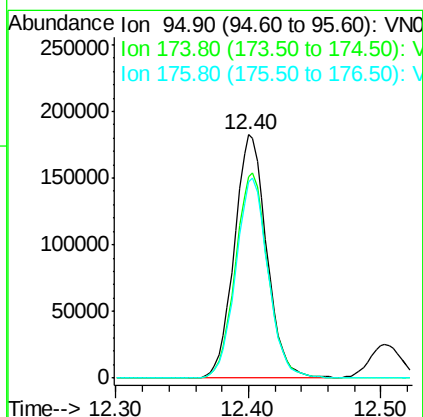
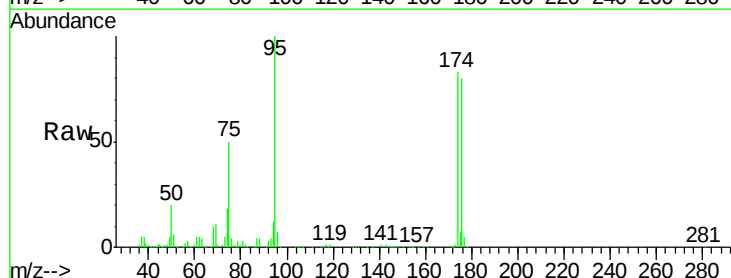
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

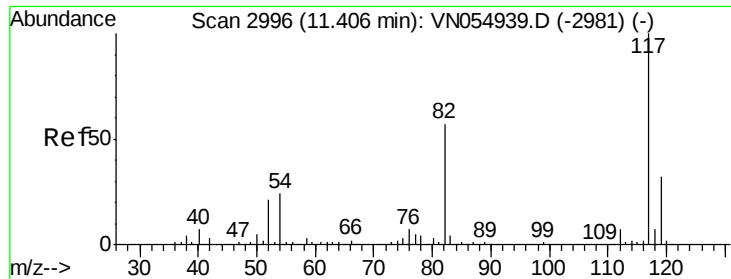
Tgt Ion: 107 Resp: 222660
 Ion Ratio Lower Upper
 107 100
 109 94.3 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 52.330 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN054959.D
 Acq: 4 Apr 2019 20:23

Tgt Ion: 95 Resp: 309082
 Ion Ratio Lower Upper
 95 100
 174 84.9 0.0 166.2
 176 81.9 0.0 163.2

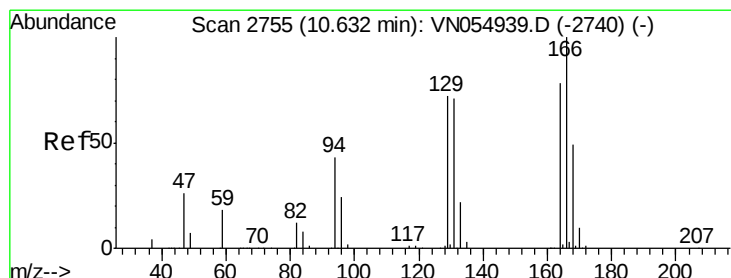
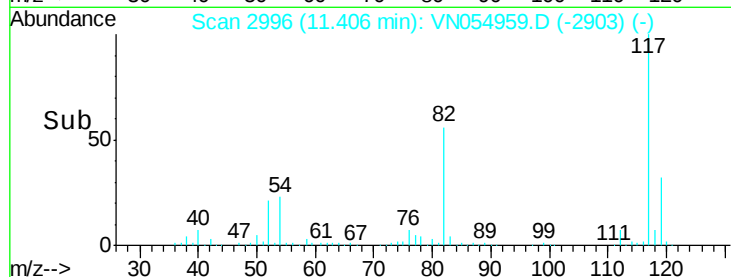
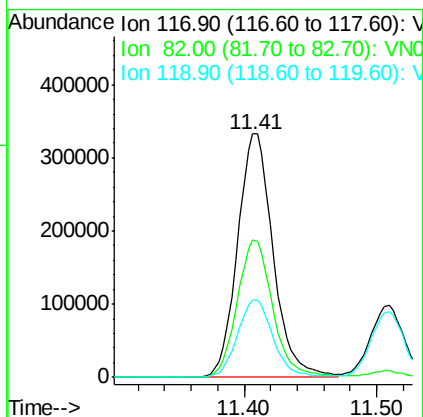
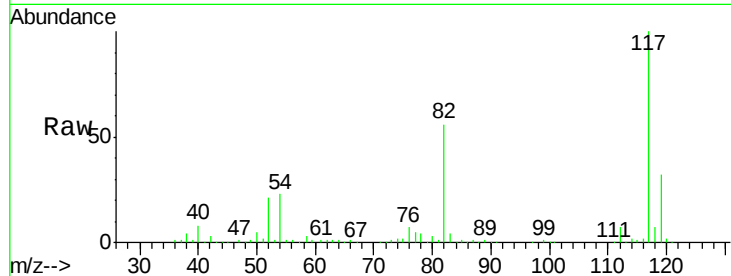




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054959.D
Acq: 4 Apr 2019 20:23

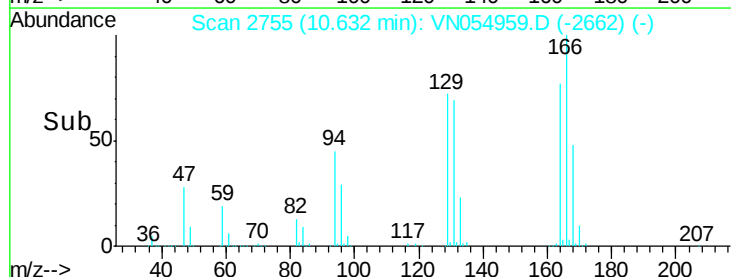
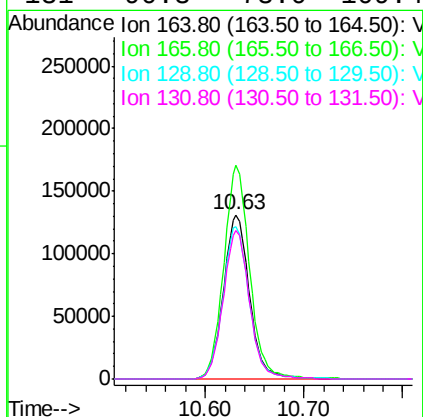
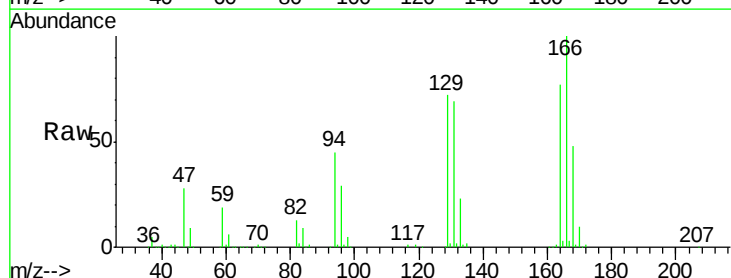
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

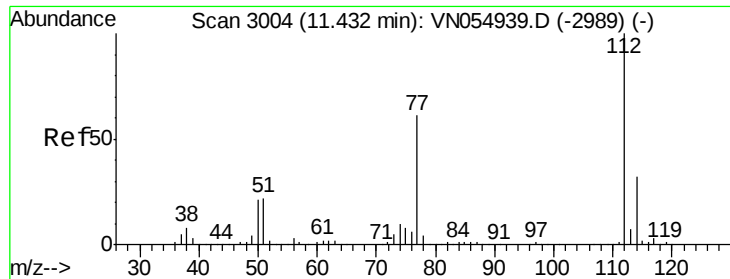
Tgt Ion:117 Resp: 621541
Ion Ratio Lower Upper
117 100
82 56.5 45.3 67.9
119 31.8 25.8 38.6



#64
Tetrachloroethene
Concen: 48.556 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN054959.D
Acq: 4 Apr 2019 20:23

Tgt Ion:164 Resp: 243403
Ion Ratio Lower Upper
164 100
166 130.0 103.1 154.7
129 93.1 73.9 110.9
131 90.3 73.0 109.4

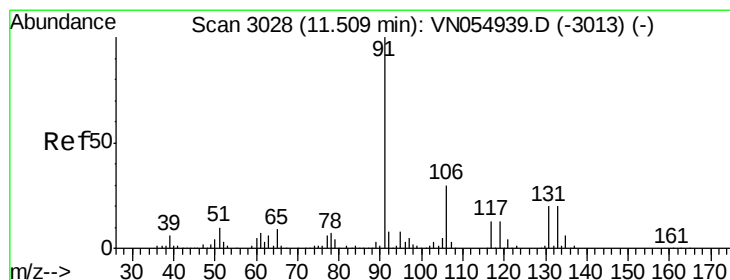
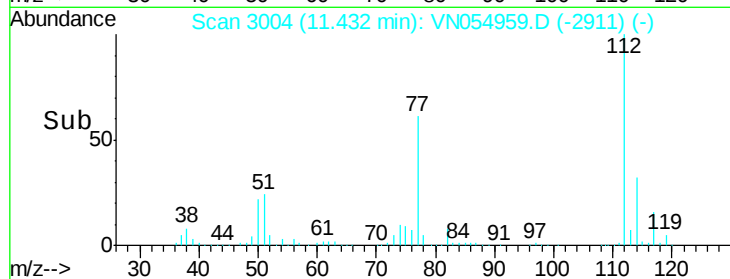
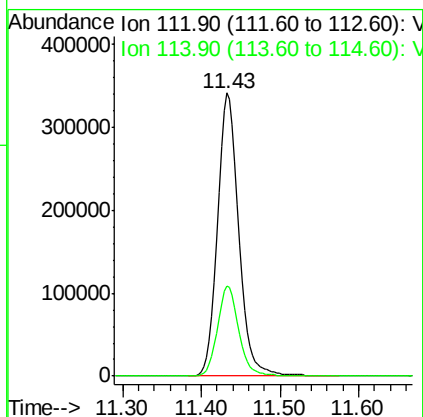
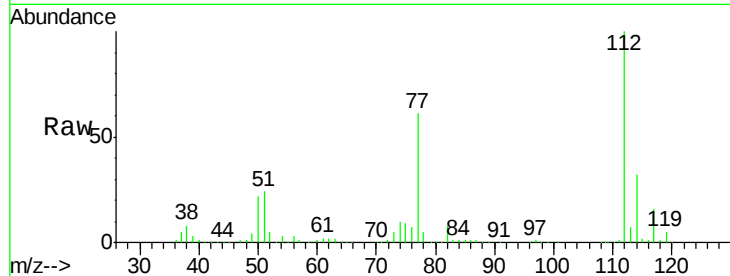




#65
Chlorobenzene
Concen: 50.105 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN054959.D
Acq: 4 Apr 2019 20:23

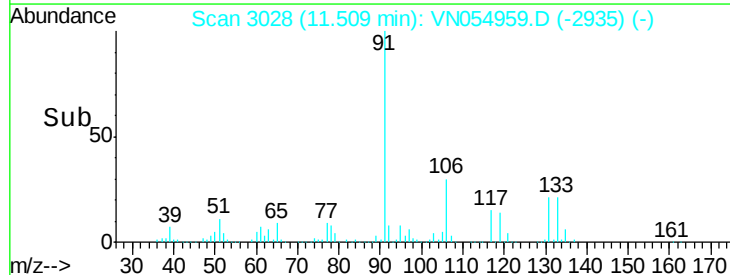
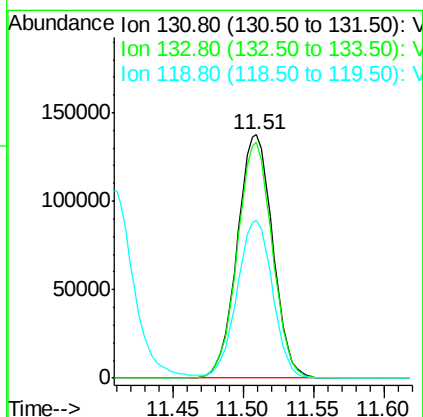
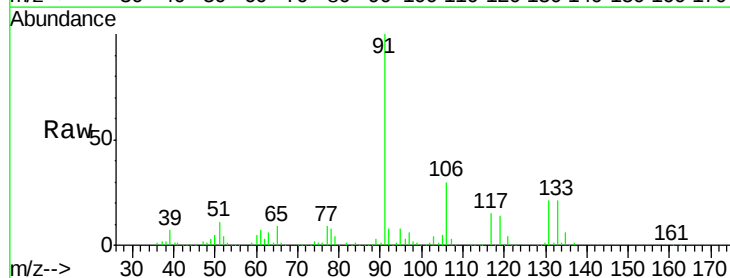
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

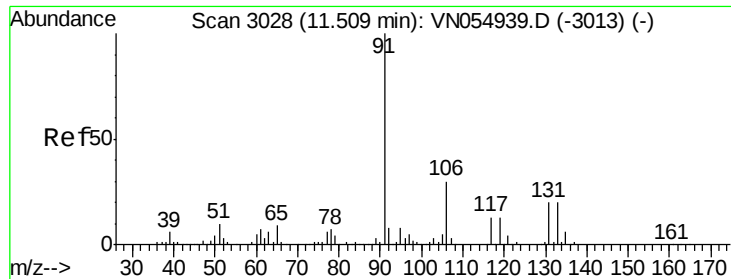
Tgt Ion:112 Resp: 634774
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.240 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054959.D
Acq: 4 Apr 2019 20:23

Tgt Ion:131 Resp: 242312
Ion Ratio Lower Upper
131 100
133 95.5 48.1 144.4
119 64.6 33.1 99.2

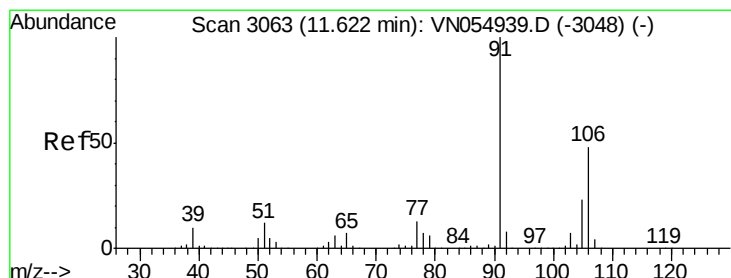
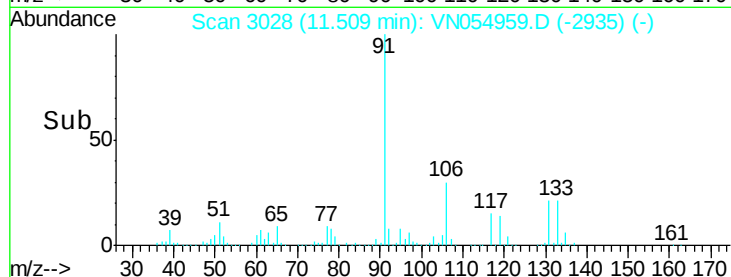
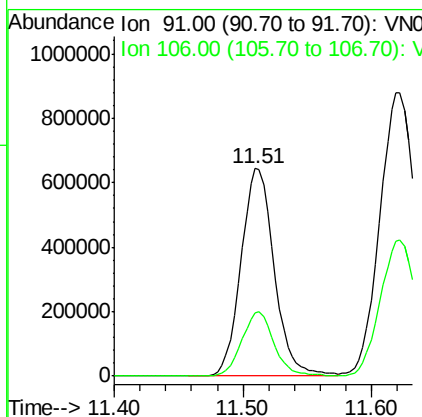
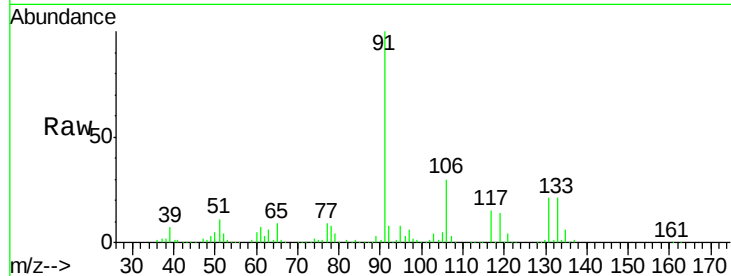




#67
Ethyl Benzene
Concen: 50.628 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054959.D
Acq: 4 Apr 2019 20:23

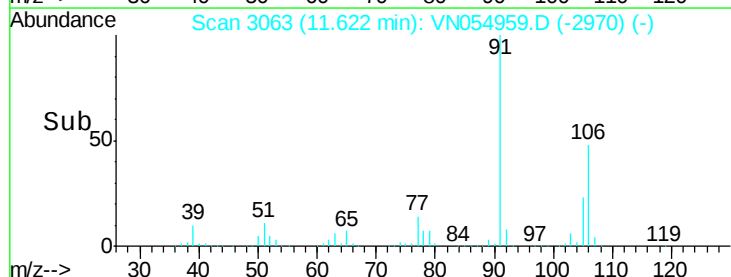
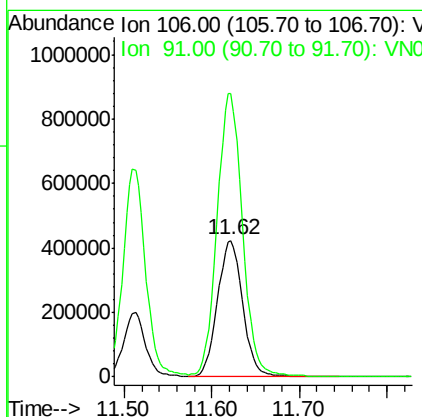
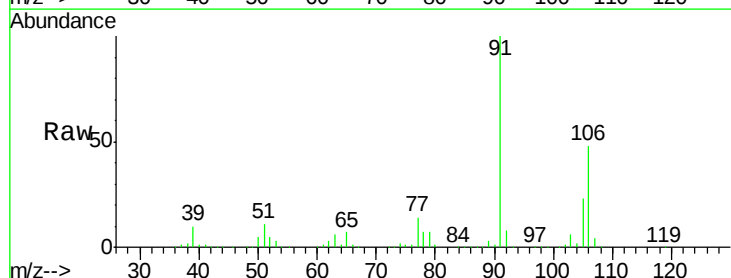
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

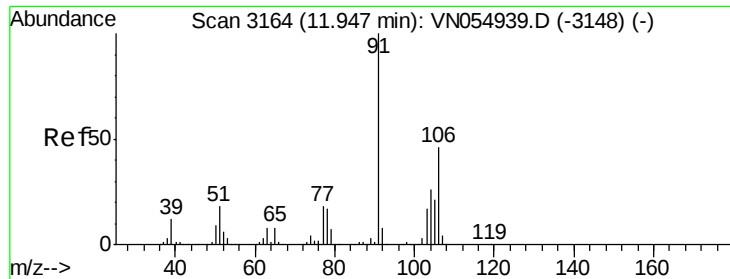
Tgt Ion: 91 Resp: 1156459
Ion Ratio Lower Upper
91 100
106 30.2 24.1 36.1



#68
m/p-Xylenes
Concen: 102.107 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN054959.D
Acq: 4 Apr 2019 20:23

Tgt Ion: 106 Resp: 852620
Ion Ratio Lower Upper
106 100
91 208.3 167.4 251.2

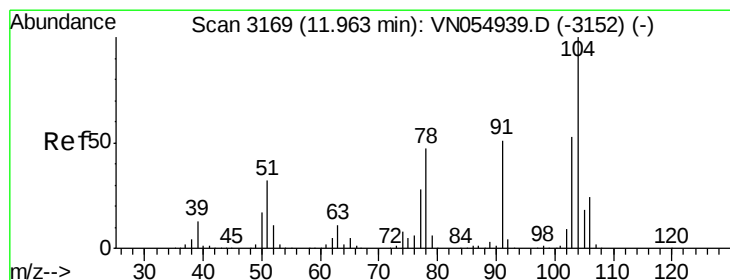
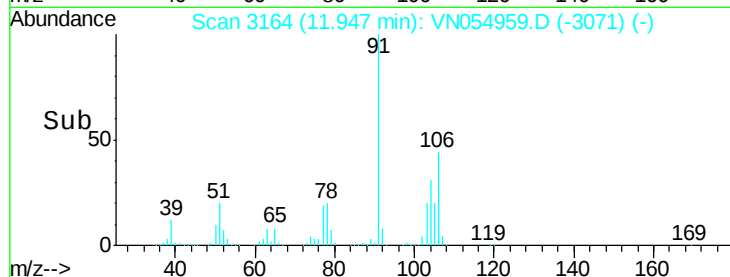
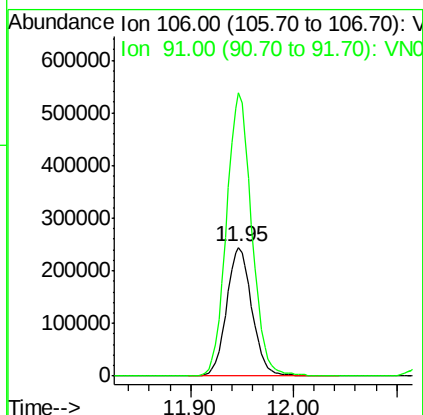
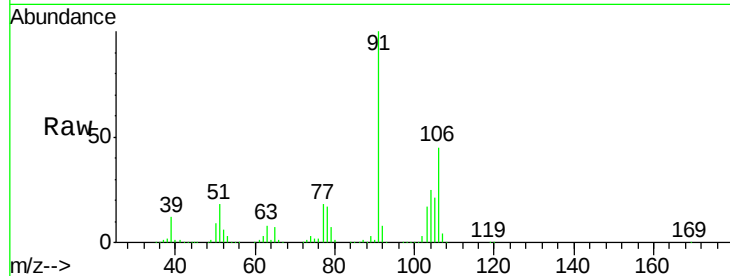




#69
o-Xylene
Concen: 51.437 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054959.D
Acq: 4 Apr 2019 20:23

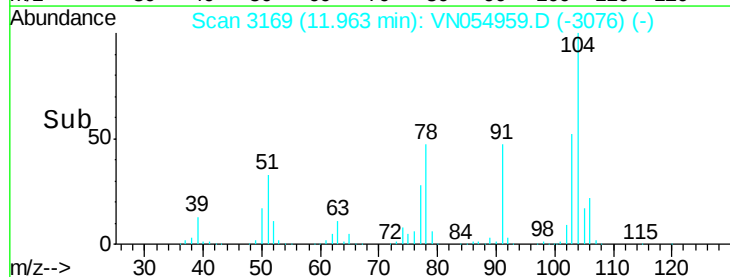
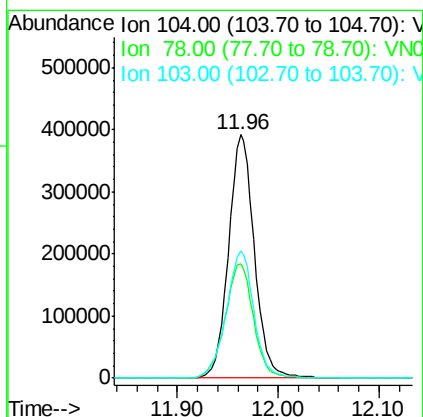
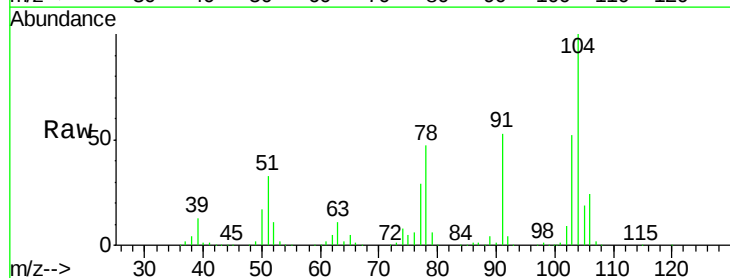
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

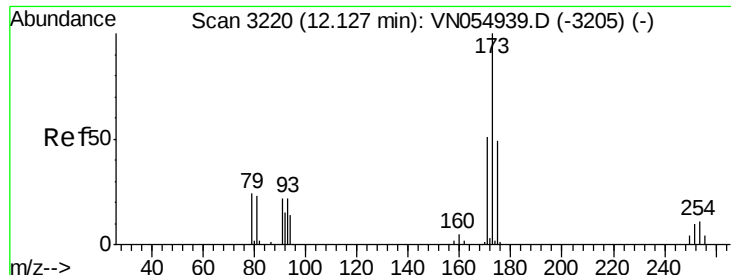
Tgt Ion:106 Resp: 418949
Ion Ratio Lower Upper
106 100
91 219.3 109.9 329.7



#70
Styrene
Concen: 53.399 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054959.D
Acq: 4 Apr 2019 20:23

Tgt Ion:104 Resp: 697627
Ion Ratio Lower Upper
104 100
78 51.7 41.1 61.7
103 56.1 45.0 67.4

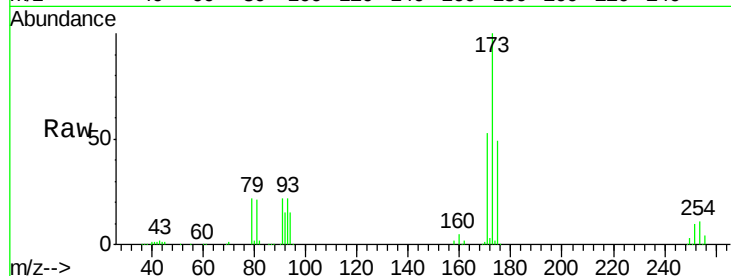




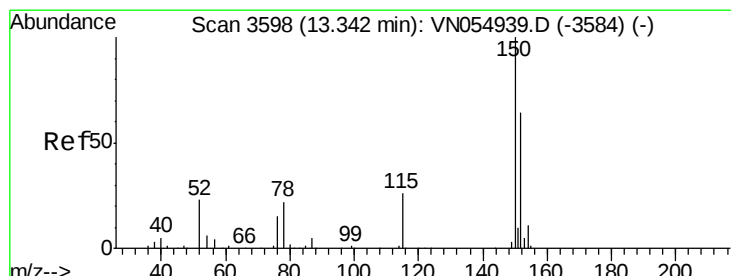
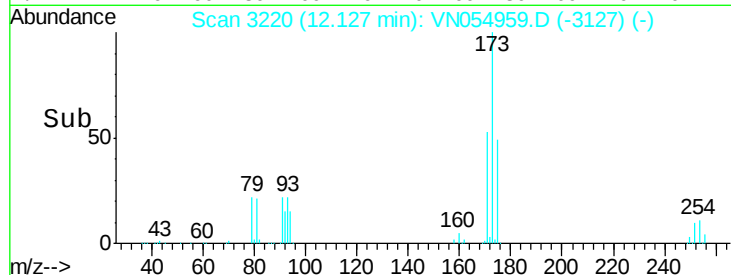
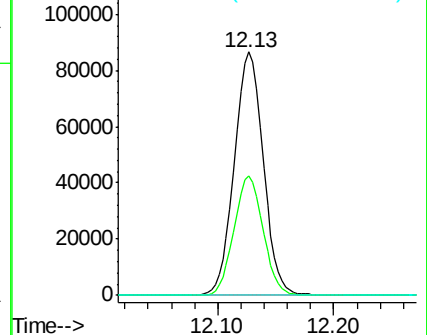
#71
Bromoform
Concen: 53.688 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN054959.D
Acq: 4 Apr 2019 20:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 149684
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.4
254 0.1 0.0 0.0#

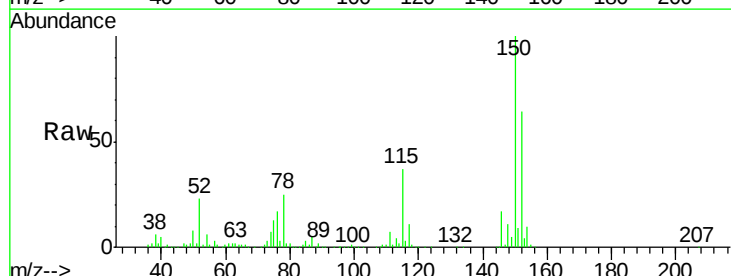


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

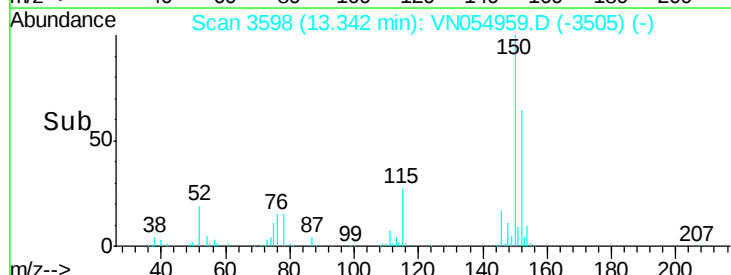
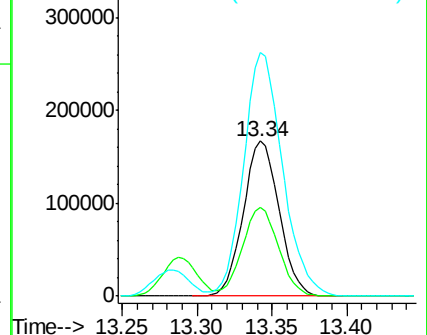


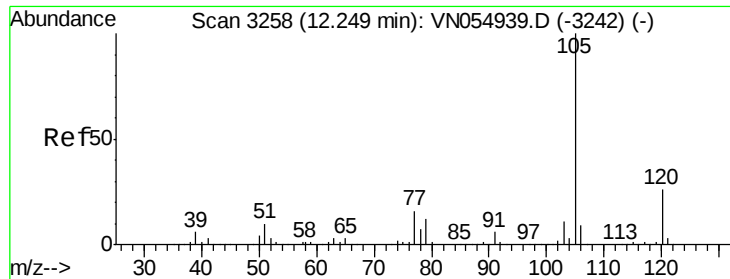
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054959.D
Acq: 4 Apr 2019 20:23

Tgt Ion:152 Resp: 278124
Ion Ratio Lower Upper
152 100
115 57.4 28.9 86.8
150 171.0 0.0 345.4



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: 46.932 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

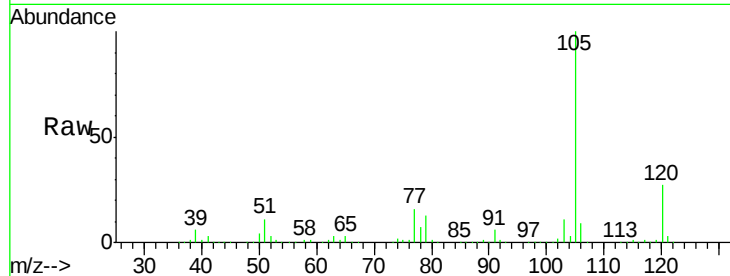
VSTDCCC050EC

Tgt Ion: 105 Resp: 1102631

Ion Ratio Lower Upper

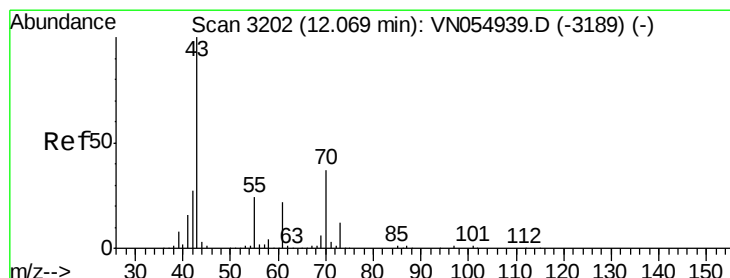
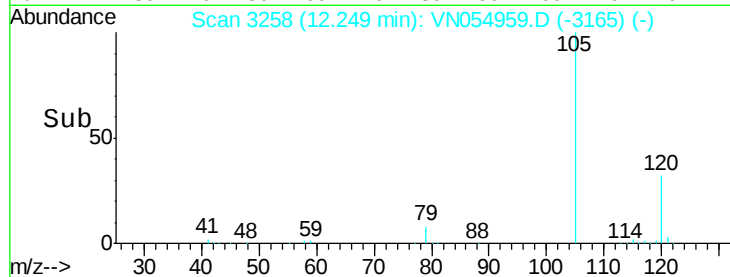
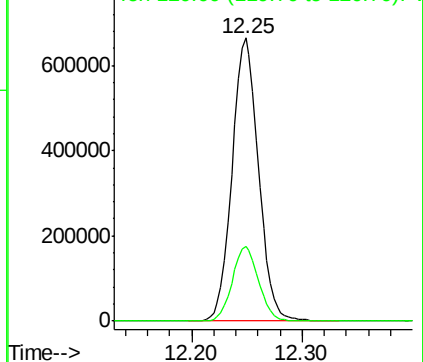
105 100

120 26.4 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.655 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

Tgt Ion: 43 Resp: 376511

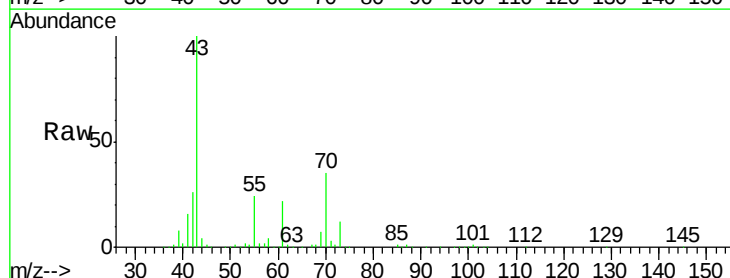
Ion Ratio Lower Upper

43 100

70 35.9 29.3 43.9

55 23.9 19.2 28.8

61 21.5 17.4 26.2

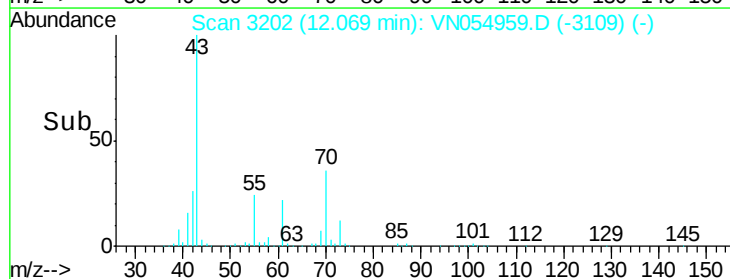
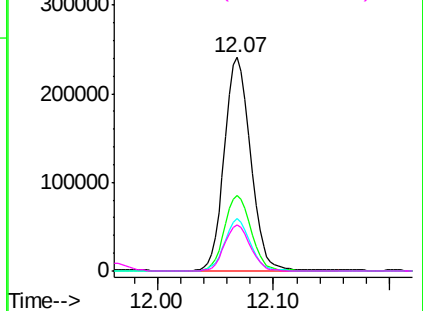


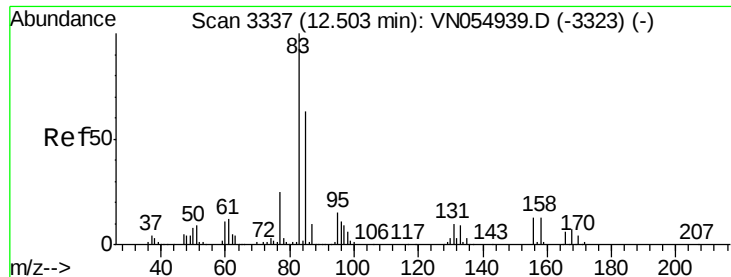
Abundance Ion 43.00 (42.70 to 43.70): V

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: 55.499 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

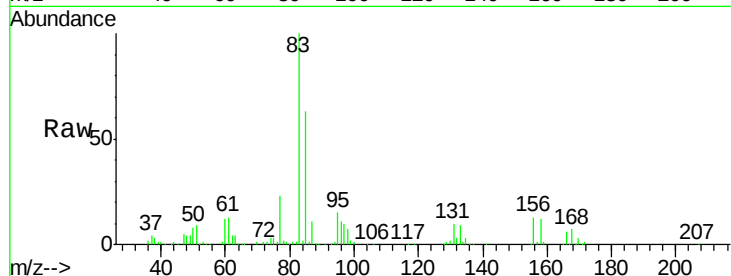
Tgt Ion: 83 Resp: 282729

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

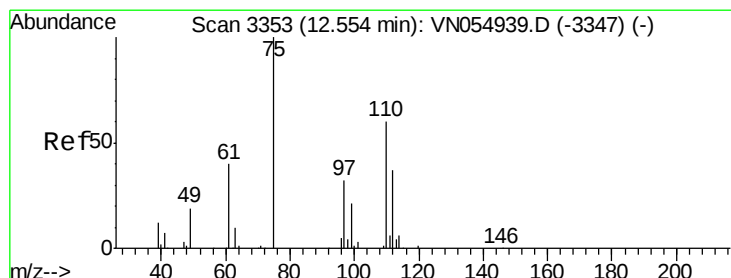
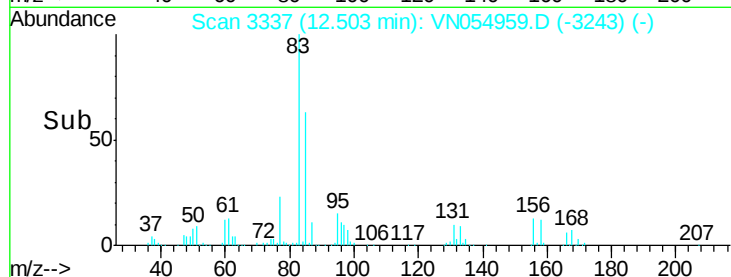
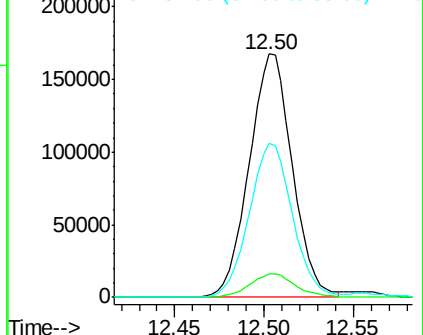
85 63.3 31.4 94.0



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: 80.598 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054959.D

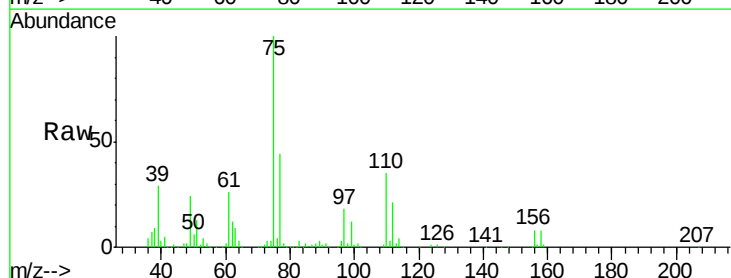
Acq: 4 Apr 2019 20:23

Tgt Ion: 75 Resp: 335285

Ion Ratio Lower Upper

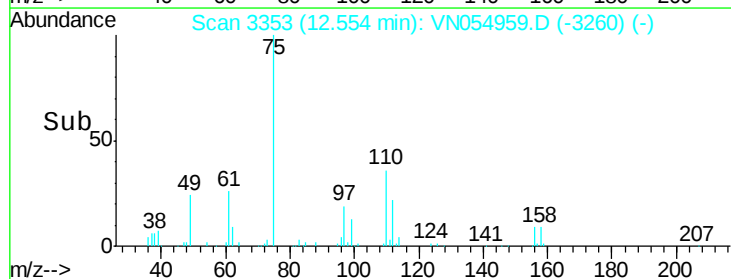
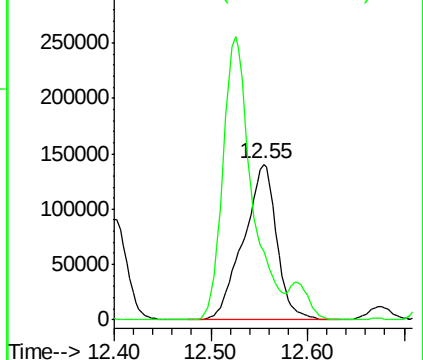
75 100

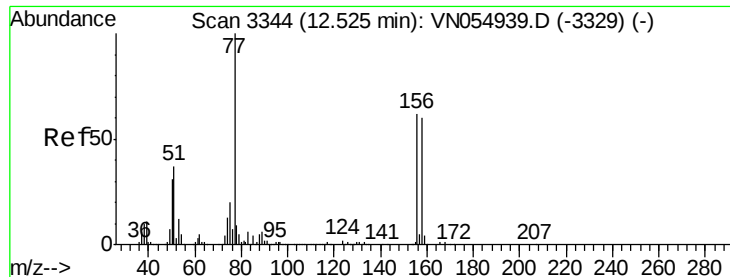
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 48.271 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

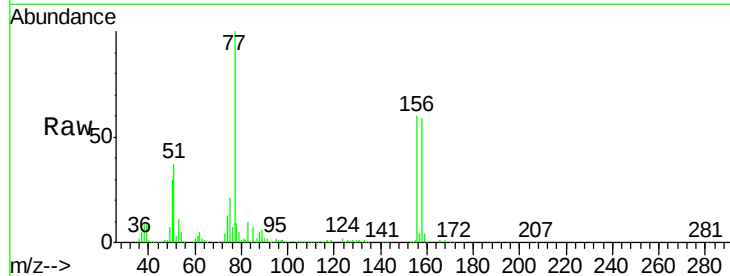
Tgt Ion:156 Resp: 274653

Ion Ratio Lower Upper

156 100

77 193.3 93.1 279.3

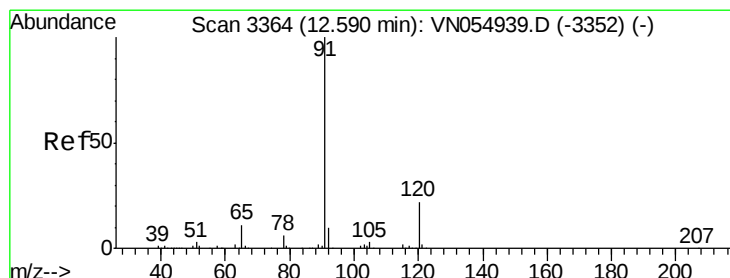
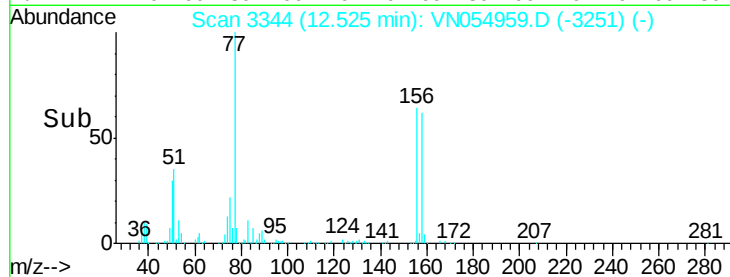
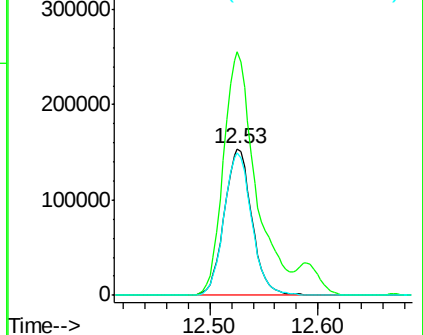
158 97.4 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.154 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054959.D

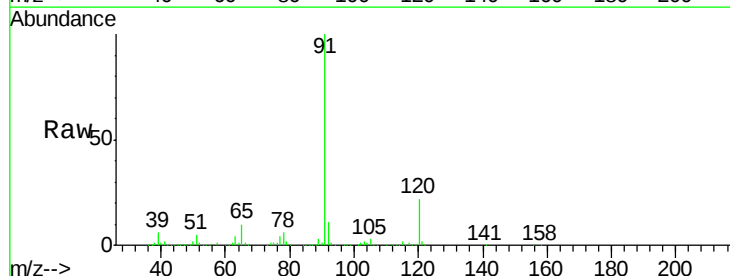
Acq: 4 Apr 2019 20:23

Tgt Ion: 91 Resp: 1246469

Ion Ratio Lower Upper

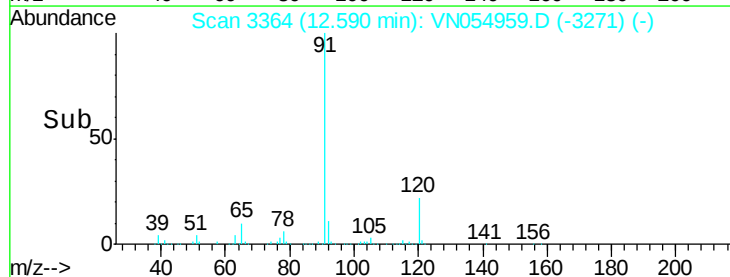
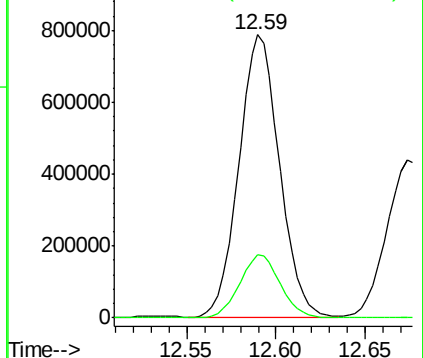
91 100

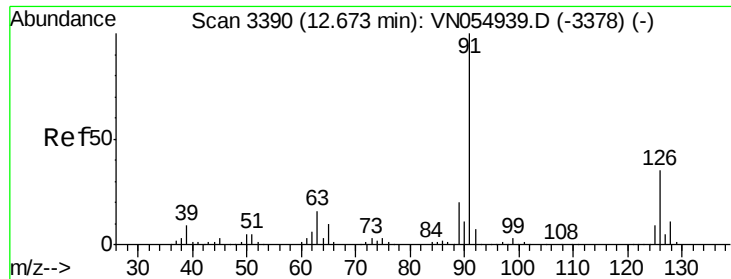
120 22.4 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.187 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

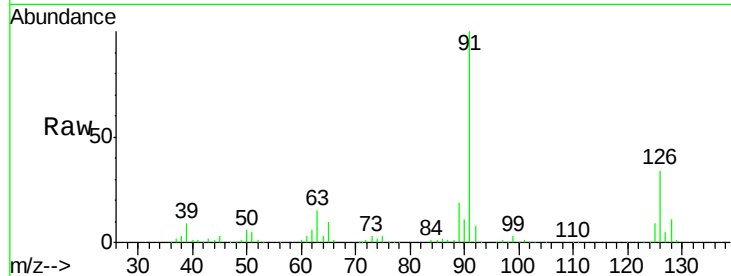
VSTDCCC050EC

Tgt Ion: 91 Resp: 756981

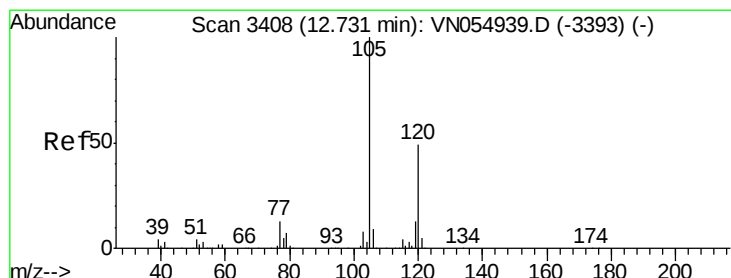
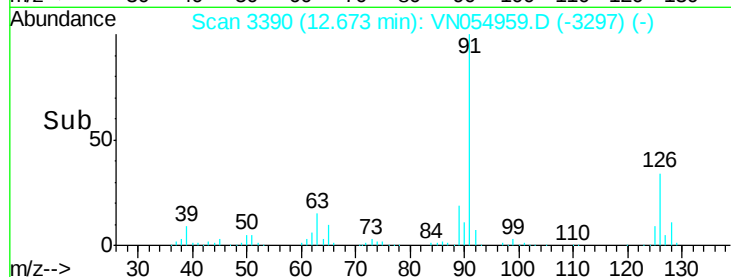
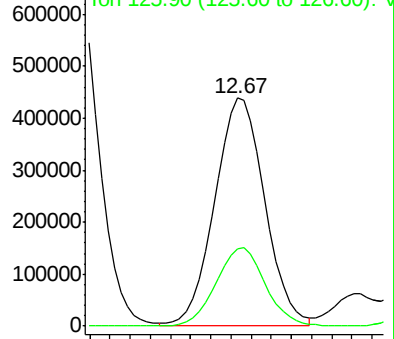
Ion Ratio Lower Upper

91 100

126 34.3 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VN054939.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.145 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054959.D

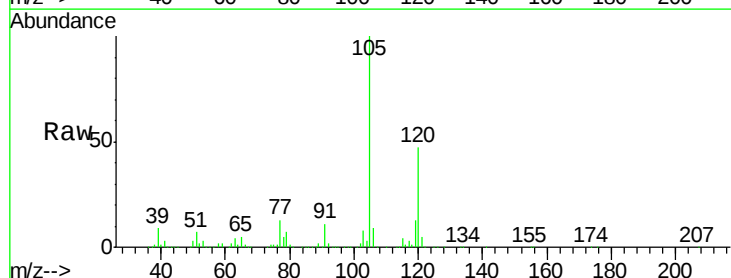
Acq: 4 Apr 2019 20:23

Tgt Ion: 105 Resp: 928961

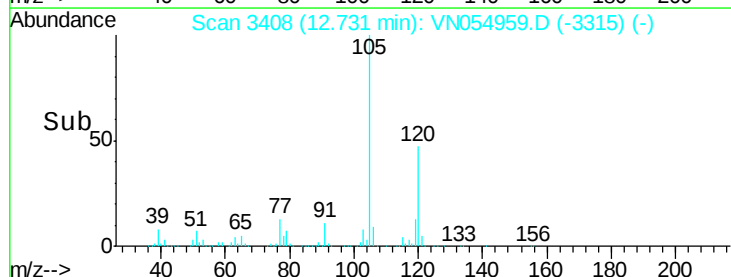
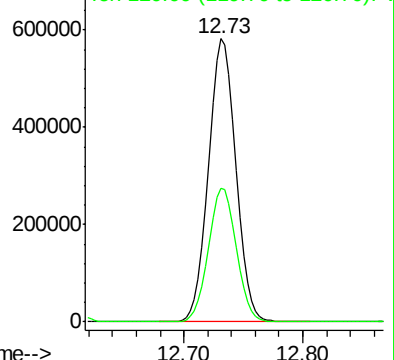
Ion Ratio Lower Upper

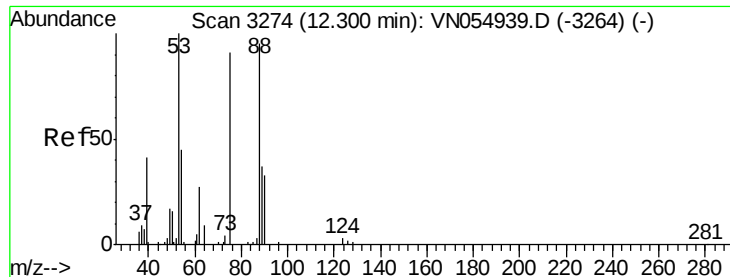
105 100

120 48.1 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VN054939.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 54.731 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

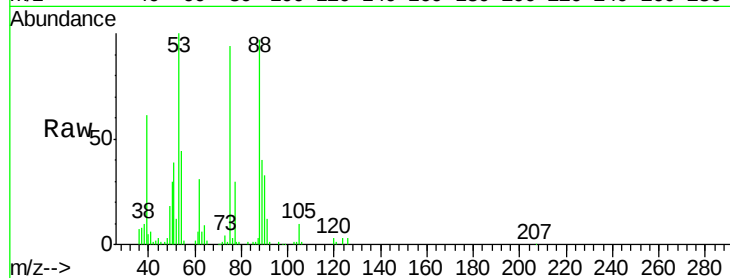
Tgt Ion: 75 Resp: 65898

Ion Ratio Lower Upper

75 100

53 113.0 92.8 139.2

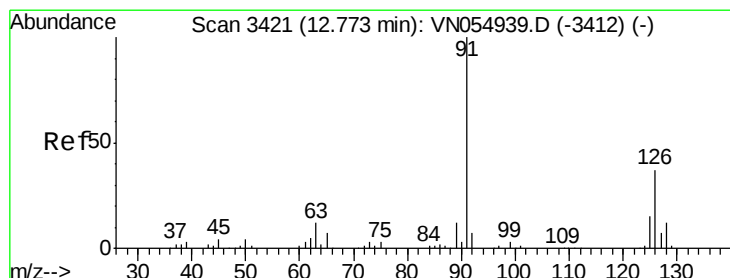
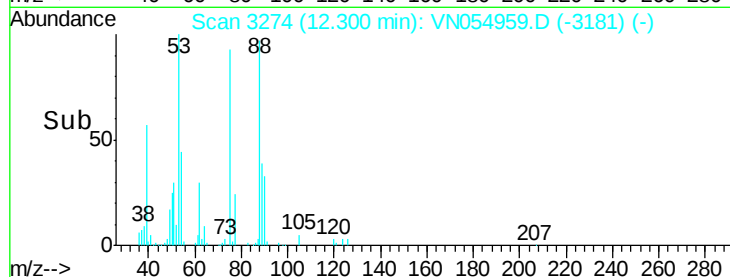
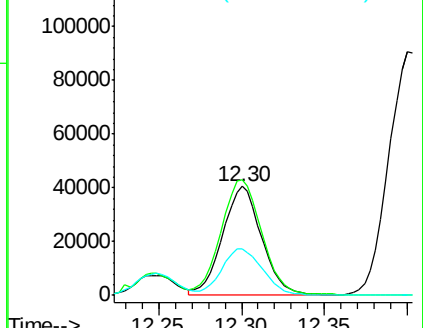
89 44.5 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 49.363 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN054959.D

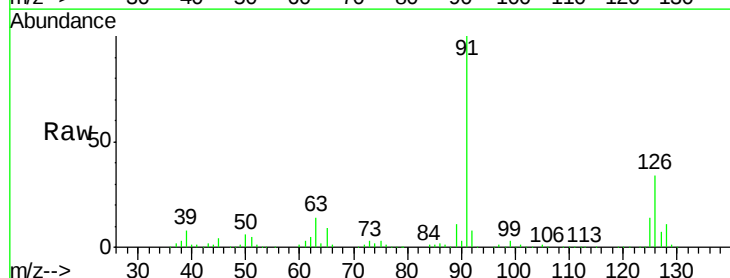
Acq: 4 Apr 2019 20:23

Tgt Ion: 91 Resp: 749011

Ion Ratio Lower Upper

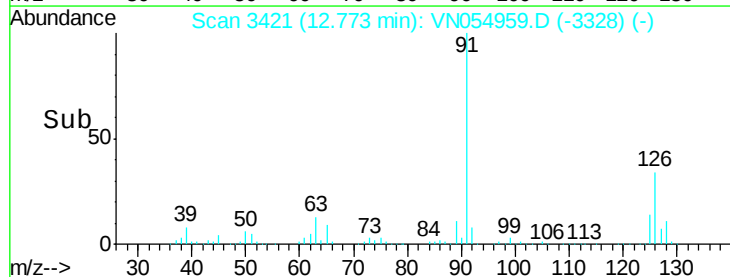
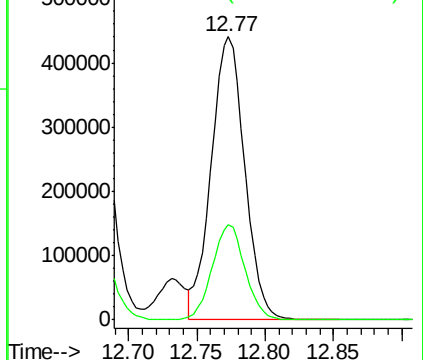
91 100

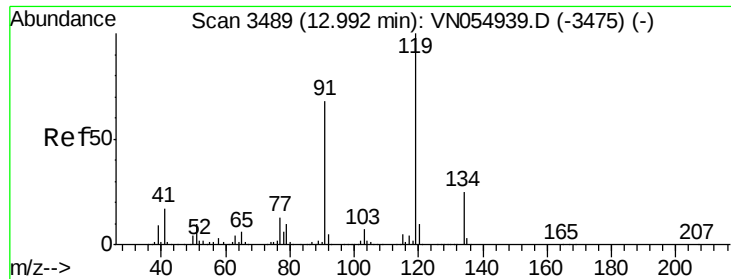
126 33.1 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

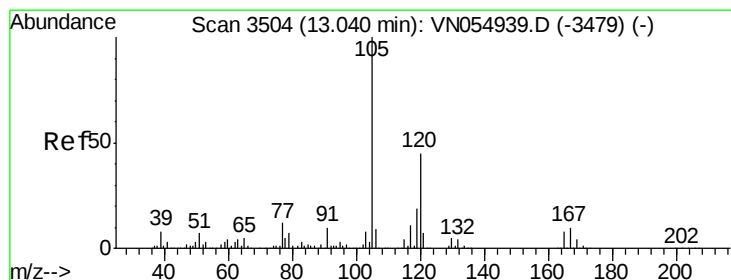
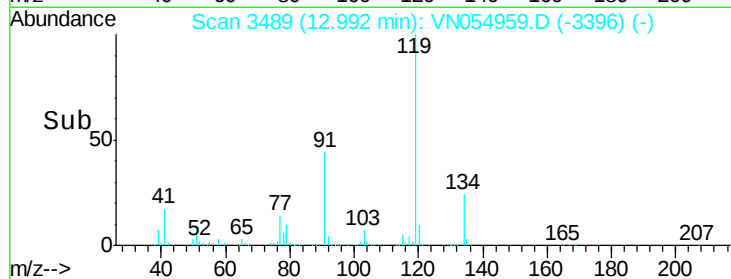
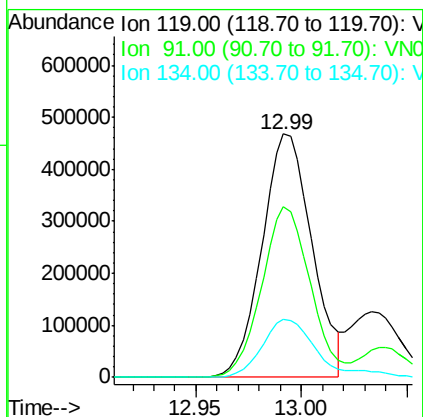
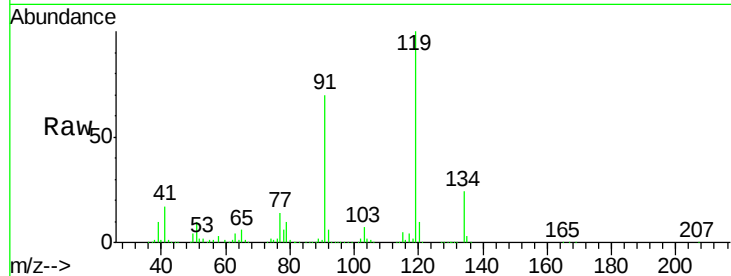




#83
 tert-Butylbenzene
 Concen: 47.042 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN054959.D
 Acq: 4 Apr 2019 20:23

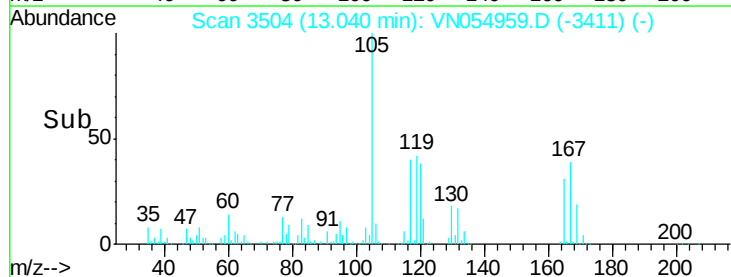
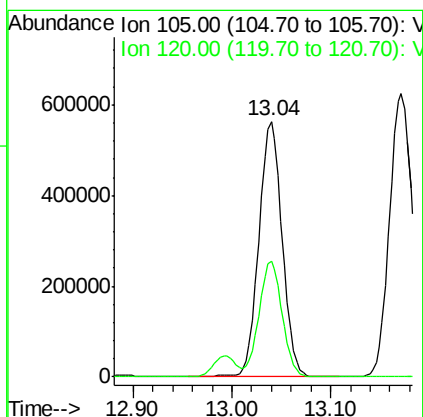
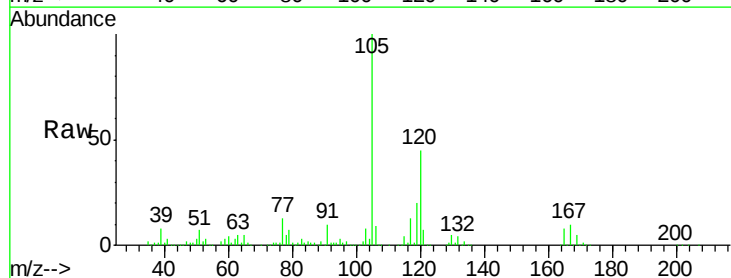
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

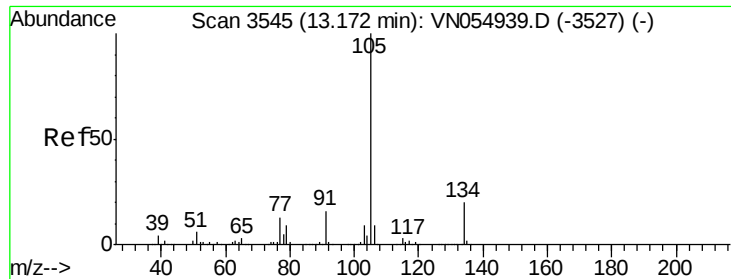
Tgt Ion:119 Resp: 772136
 Ion Ratio Lower Upper
 119 100
 91 68.0 33.5 100.5
 134 26.4 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 48.906 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054959.D
 Acq: 4 Apr 2019 20:23

Tgt Ion:105 Resp: 913006
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.4 67.3

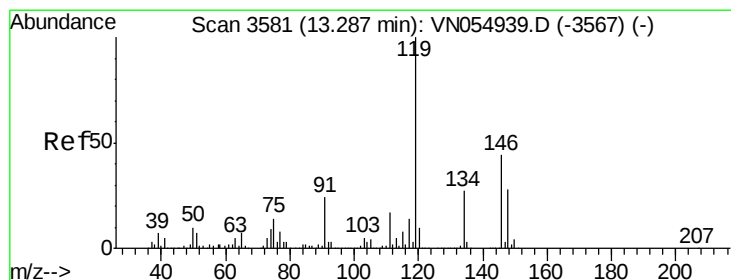
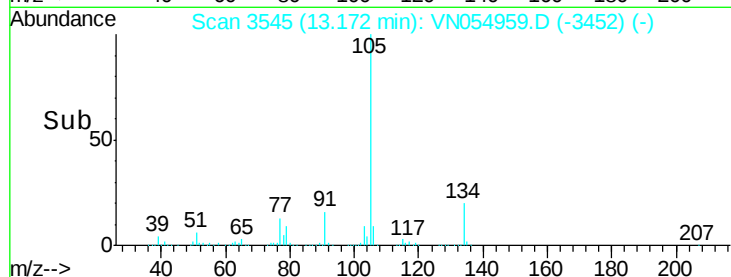
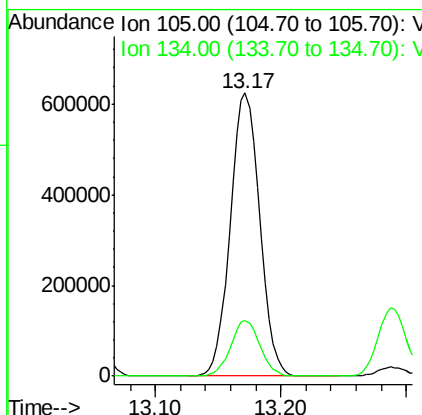
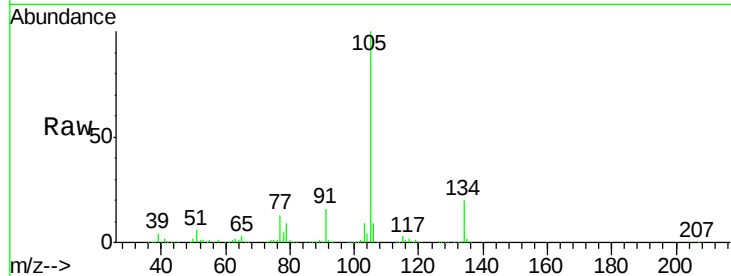




#85
 sec-Butylbenzene
 Concen: 47.717 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN054959.D
 Acq: 4 Apr 2019 20:23

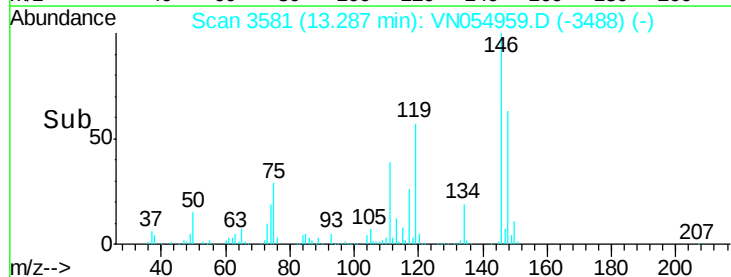
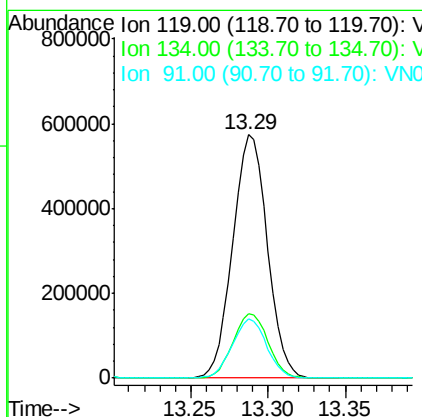
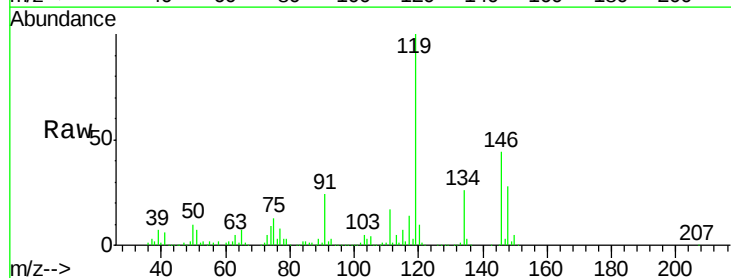
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

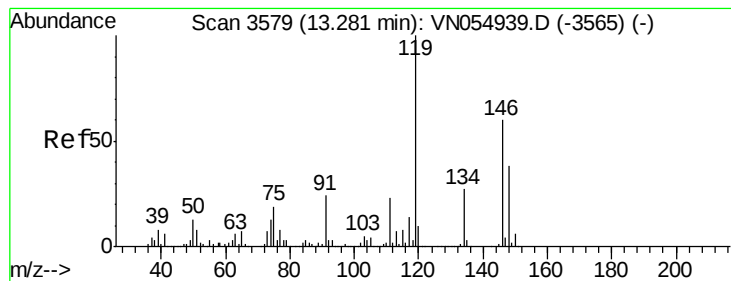
Tgt Ion:105 Resp: 1013047
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 48.579 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN054959.D
 Acq: 4 Apr 2019 20:23

Tgt Ion:119 Resp: 888637
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.5
 91 24.0 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 48.923 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

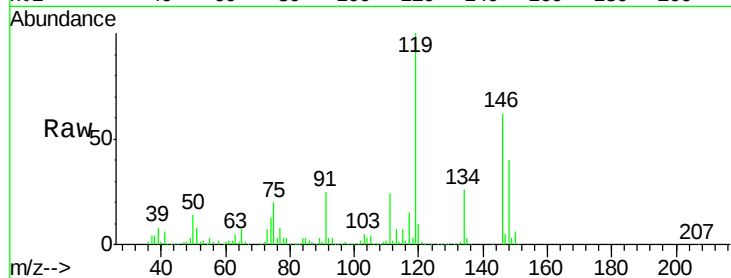
Tgt Ion:146 Resp: 463033

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.7

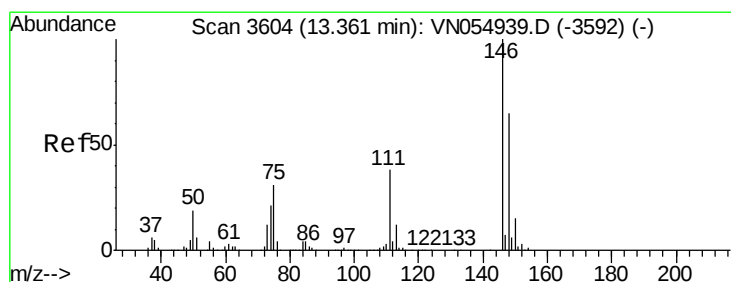
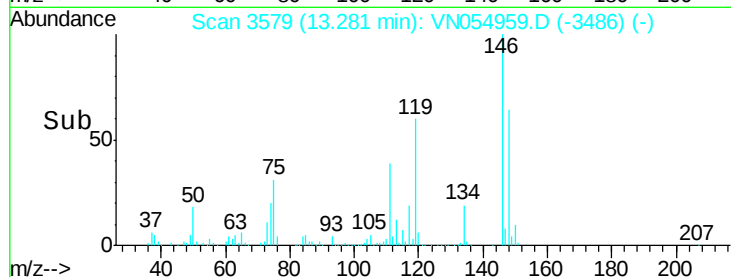
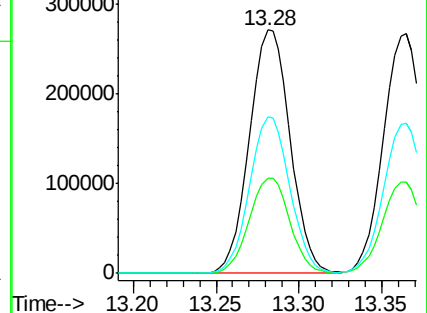
148 63.6 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.026 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

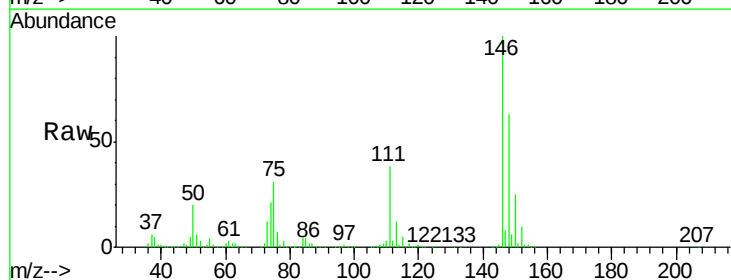
Tgt Ion:146 Resp: 450750

Ion Ratio Lower Upper

146 100

111 38.3 19.2 57.6

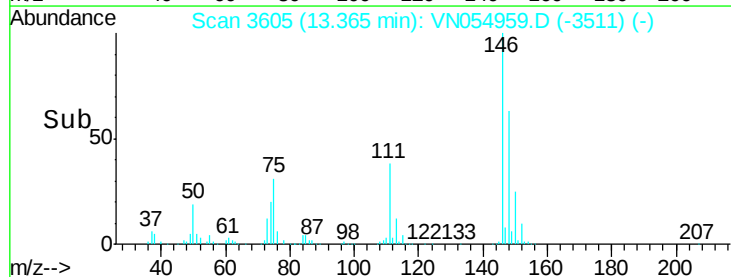
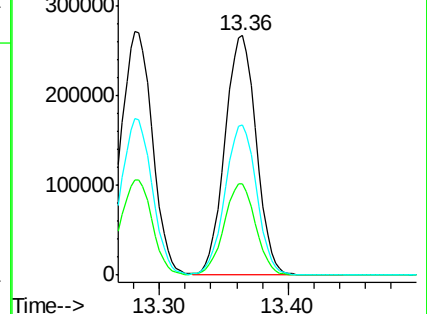
148 63.1 31.9 95.7

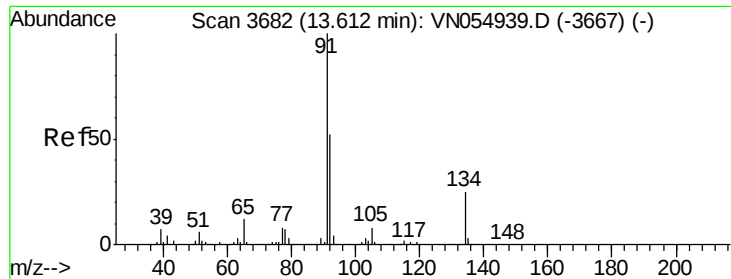


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 50.672 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

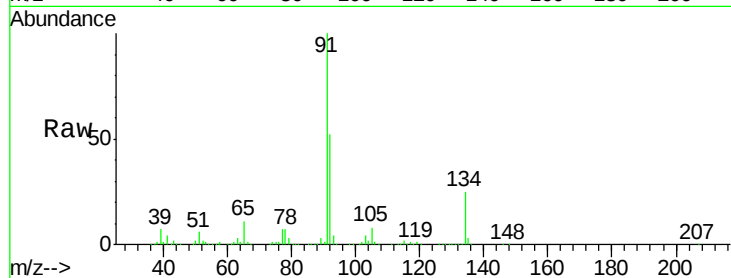
Tgt Ion: 91 Resp: 740786

Ion Ratio Lower Upper

91 100

92 51.6 26.1 78.2

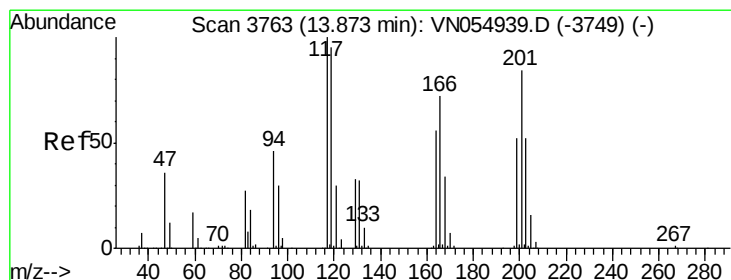
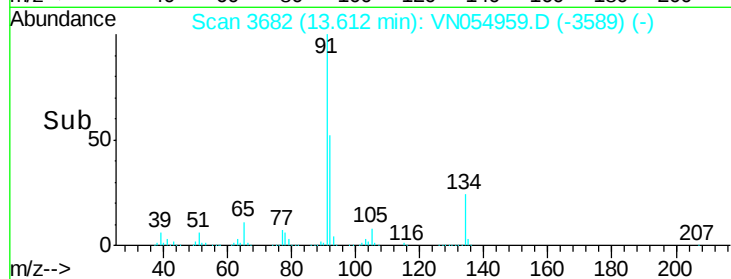
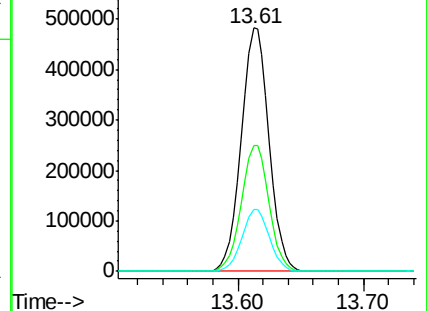
134 25.3 12.6 37.8



Abundance Ion 91.00 (90.70 to 91.70): VN054939.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN054939.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN054939.D (-3667) (-)



#90

Hexachloroethane

Concen: 49.962 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN054959.D

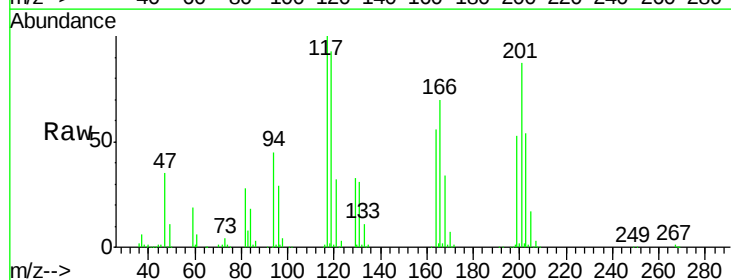
Acq: 4 Apr 2019 20:23

Tgt Ion: 117 Resp: 153521

Ion Ratio Lower Upper

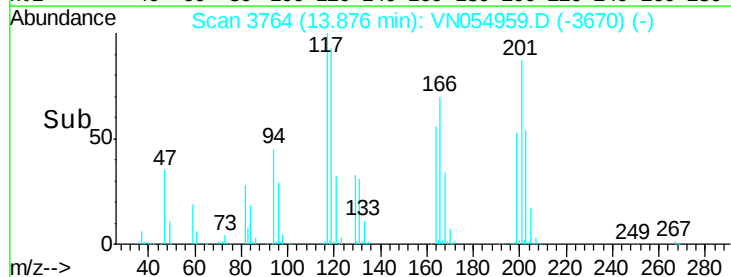
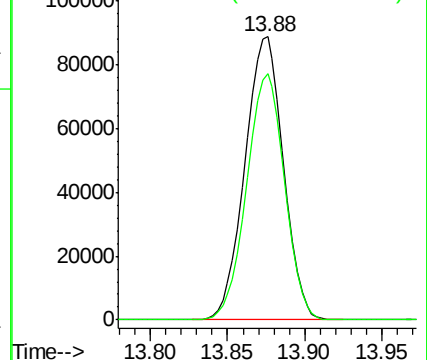
117 100

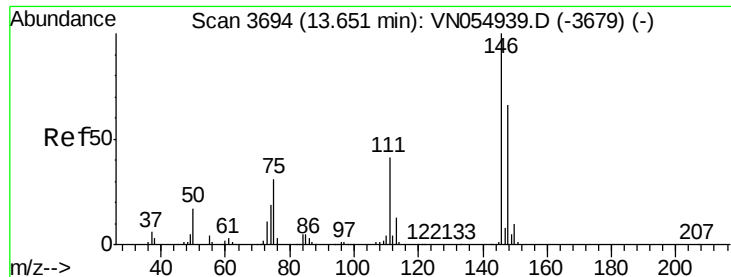
201 85.8 42.5 127.6



Abundance Ion 116.80 (116.50 to 117.50): VN054939.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN054939.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 49.481 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

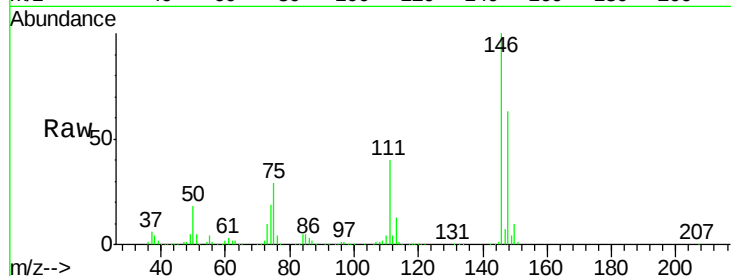
Tgt Ion:146 Resp: 459800

Ion Ratio Lower Upper

146 100

111 40.1 20.2 60.5

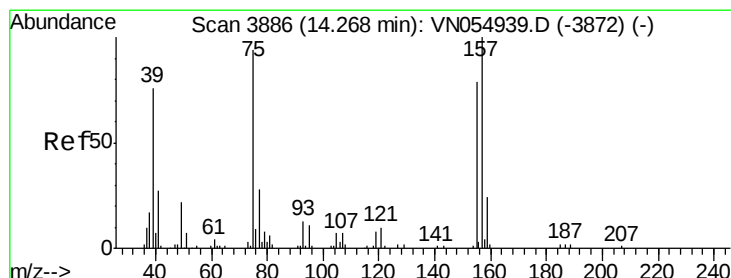
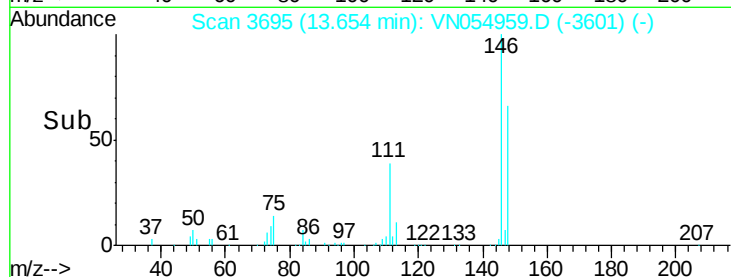
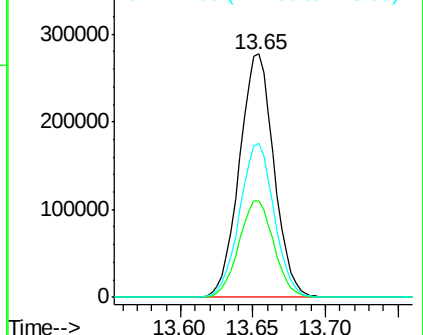
148 63.3 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.184 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN054959.D

Acq: 4 Apr 2019 20:23

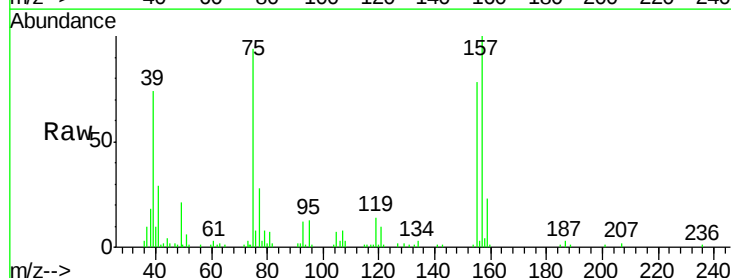
Tgt Ion: 75 Resp: 42771

Ion Ratio Lower Upper

75 100

155 84.7 41.5 124.6

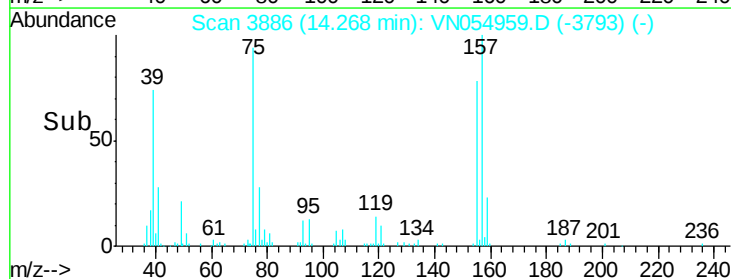
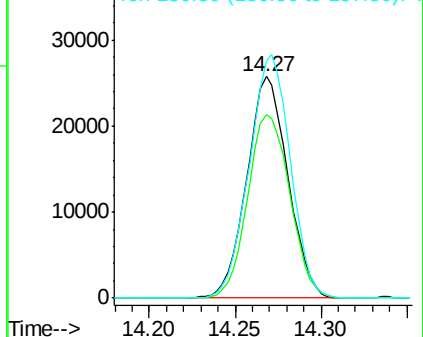
157 110.0 54.4 163.2

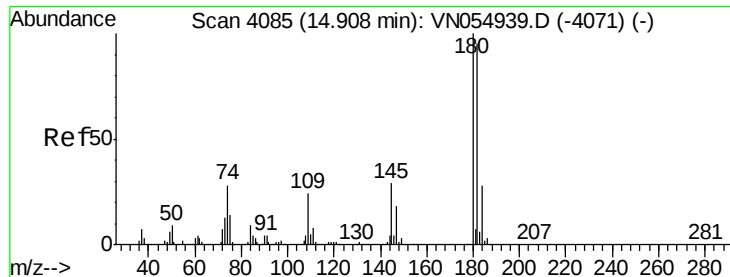


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

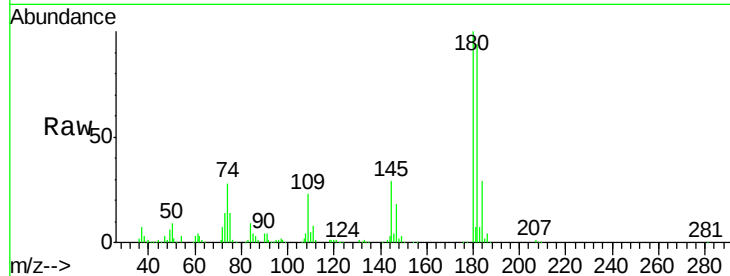




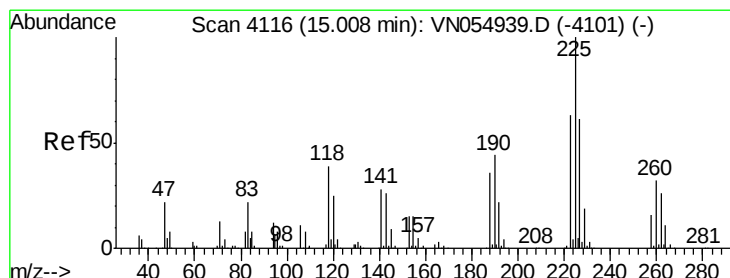
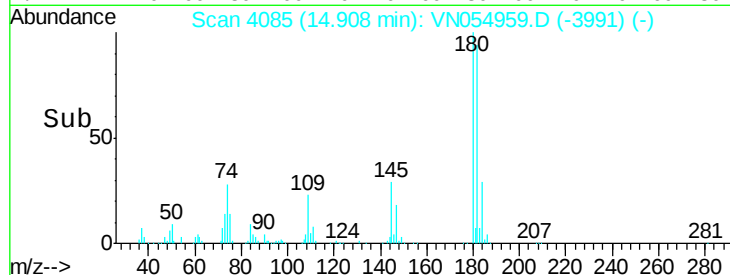
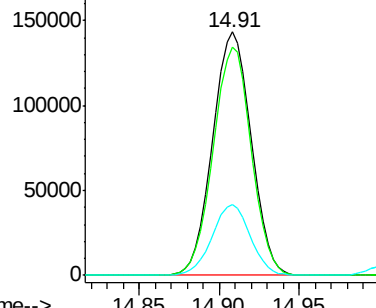
#93
 1,2,4-Trichlorobenzene
 Concen: 48.542 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054959.D
 Acq: 4 Apr 2019 20:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 235234
 Ion Ratio Lower Upper
 180 100
 182 92.9 47.5 142.6
 145 28.9 14.6 43.8

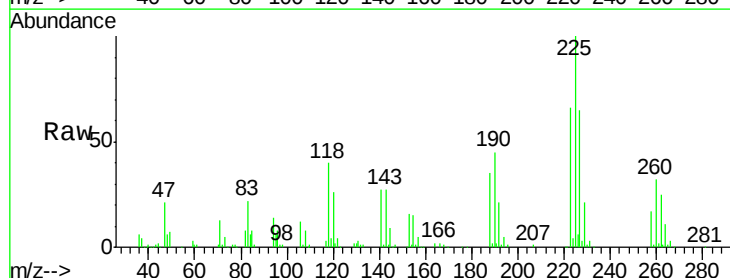


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

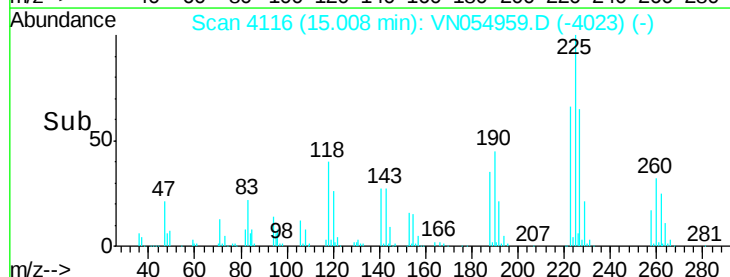
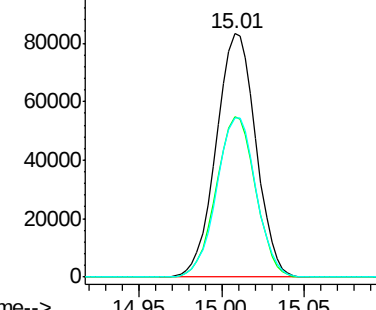


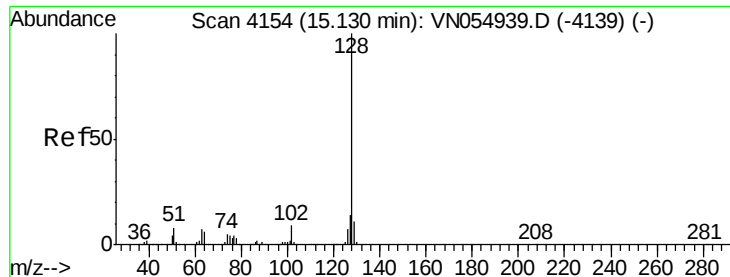
#94
 Hexachlorobutadiene
 Concen: 44.431 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN054959.D
 Acq: 4 Apr 2019 20:23

Tgt Ion:225 Resp: 138128
 Ion Ratio Lower Upper
 225 100
 223 65.2 31.1 93.5
 227 65.3 30.9 92.5



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

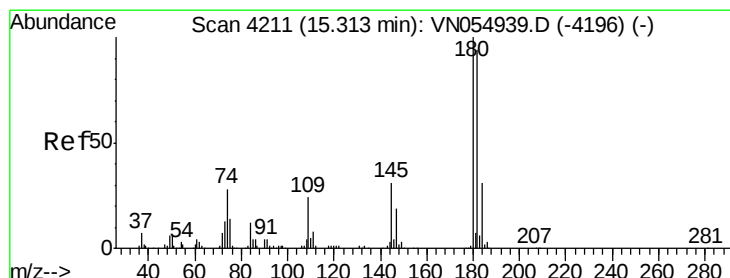
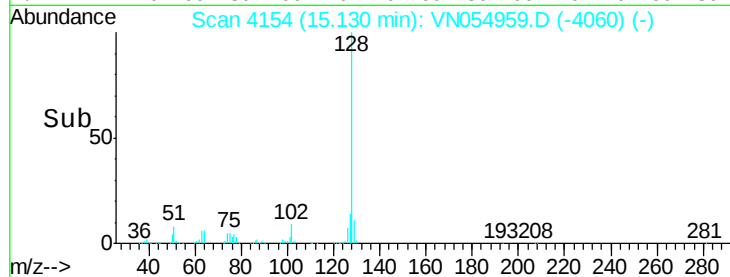
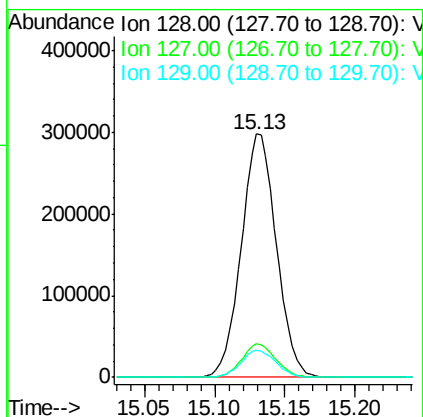
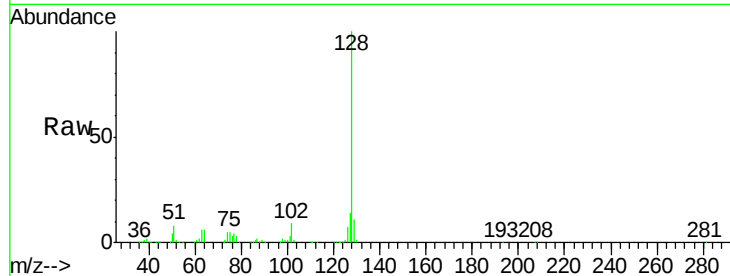




#95
Naphthalene
Concen: 49.356 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN054959.D
Acq: 4 Apr 2019 20:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 519176
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.882 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN054959.D
Acq: 4 Apr 2019 20:23

Tgt Ion:180 Resp: 234197
Ion Ratio Lower Upper
180 100
182 94.8 47.5 142.5
145 30.6 15.6 46.8

