

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
 Data File : VN054939.D
 Acq On : 4 Apr 2019 11:05
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Apr 05 01:53:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 01:45:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	439963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	718662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	633761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	282428	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	297444	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
35) Dibromofluoromethane	7.59	113	240998	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
50) Toluene-d8	10.09	98	905254	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.40	95	304534	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	271613	51.629	ug/l 100
3) Chloromethane	2.06	50	351082	50.474	ug/l 100
4) Vinyl Chloride	2.19	62	309186	50.875	ug/l 100
5) Bromomethane	2.57	94	171172	49.342	ug/l 100
6) Chloroethane	2.71	64	165223	48.745	ug/l 100
7) Trichlorofluoromethane	3.03	101	371576	50.356	ug/l 100
8) Diethyl Ether	3.41	74	116939	49.759	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	194390	49.722	ug/l 100
10) Methyl Iodide	3.95	142	286352	51.962	ug/l 100
11) Tert butyl alcohol	4.82	59	72978	243.095	ug/l 100
12) 1,1-Dichloroethene	3.73	96	191944	49.494	ug/l 100
13) Acrolein	3.61	56	114847	279.746	ug/l 100
14) Allyl chloride	4.32	41	450423	51.193	ug/l 100
15) Acrylonitrile	5.00	53	451268	251.395	ug/l 100
16) Acetone	3.82	43	414686	263.032	ug/l 100
17) Carbon Disulfide	4.04	76	631394	51.147	ug/l 100
18) Methyl Acetate	4.33	43	194548	45.064	ug/l 100
19) Methyl tert-butyl Ether	5.06	73	639812	50.863	ug/l 100
20) Methylene Chloride	4.55	84	260468	48.380	ug/l 100
21) trans-1,2-Dichloroethene	5.04	96	247195	51.131	ug/l 100
22) Diisopropyl ether	5.96	45	916527	51.848	ug/l 100
23) Vinyl Acetate	5.90	43	3283568	266.943	ug/l 100
24) 1,1-Dichloroethane	5.85	63	486333	50.450	ug/l 100
25) 2-Butanone	6.85	43	588248	270.066	ug/l 100
26) 2,2-Dichloropropane	6.82	77	338483	50.088	ug/l 100
27) cis-1,2-Dichloroethene	6.83	96	279324	50.838	ug/l 100
28) Bromochloromethane	7.20	49	224690	49.753	ug/l 100
29) Tetrahydrofuran	7.22	42	365879	256.275	ug/l 100
30) Chloroform	7.37	83	463758	50.762	ug/l 100
31) Cyclohexane	7.65	56	466192	42.353	ug/l 100
32) 1,1,1-Trichloroethane	7.57	97	386149	50.088	ug/l 100
36) 1,1-Dichloropropene	7.79	75	358645	50.366	ug/l 100
37) Ethyl Acetate	6.94	43	251842	51.537	ug/l 100
38) Carbon Tetrachloride	7.77	117	340587	49.527	ug/l 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
 Data File : VN054939.D
 Acq On : 4 Apr 2019 11:05
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Apr 05 01:53:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 01:45:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	406574	51.900	ug/l	100
40) Benzene	8.04	78	1056006	51.538	ug/l	100
41) Methacrylonitrile	7.18	41	142996	51.176	ug/l	100
42) 1,2-Dichloroethane	8.13	62	364752	50.659	ug/l	100
43) Isopropyl Acetate	8.17	43	428480	52.027	ug/l	100
44) Trichloroethene	8.83	130	267739	51.104	ug/l	100
45) 1,2-Dichloropropane	9.12	63	293089	51.337	ug/l	100
46) Dibromomethane	9.21	93	164329	50.759	ug/l	100
47) Bromodichloromethane	9.40	83	352203	51.796	ug/l	100
48) Methyl methacrylate	9.20	41	220888	52.981	ug/l	100
49) 1,4-Dioxane	9.20	88	43875	1042.632	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	1203190	261.880	ug/l	100
52) Toluene	10.16	92	636655	52.714	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	339865	54.155	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	410066	53.581	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	227999	52.068	ug/l	100
56) Ethyl methacrylate	10.43	69	308191	53.830	ug/l	100
57) 1,3-Dichloropropane	10.71	76	395440	51.708	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	608890	269.157	ug/l	100
59) 2-Hexanone	10.75	43	773974	269.701	ug/l	100
60) Dibromochloromethane	10.90	129	245366	53.496	ug/l	100
61) 1,2-Dibromoethane	11.01	107	218884	53.163	ug/l	100
64) Tetrachloroethene	10.63	164	252454	49.391	ug/l	100
65) Chlorobenzene	11.43	112	662148	51.258	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	245767	51.963	ug/l	100
67) Ethyl Benzene	11.51	91	1206251	51.789	ug/l	100
68) m/p-Xylenes	11.62	106	885844	104.040	ug/l	100
69) o-Xylene	11.95	106	433142	52.154	ug/l	100
70) Styrene	11.96	104	725387	54.453	ug/l	100
71) Bromoform	12.13	173	150390	52.901	ug/l #	100
73) Isopropylbenzene	12.25	105	1164316	48.802	ug/l	100
74) N-amyl acetate	12.07	43	356557	53.767	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	277742	47.394	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	328269	71.493	ug/l #	100
77) Bromobenzene	12.53	156	284525	49.244	ug/l	100
78) n-propylbenzene	12.59	91	1305635	49.671	ug/l	100
79) 2-Chlorotoluene	12.67	91	787219	48.324	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	965880	49.295	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	62750	54.247	ug/l	100
82) 4-Chlorotoluene	12.77	91	772918	50.163	ug/l	100
83) tert-Butylbenzene	12.99	119	808558	48.510	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	959535	50.615	ug/l	100
85) sec-Butylbenzene	13.17	105	1057955	49.072	ug/l	100
86) p-Isopropyltoluene	13.29	119	934257	50.295	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	482846	50.239	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	465578	50.888	ug/l	100
89) n-Butylbenzene	13.61	91	790049	53.218	ug/l	100
90) Hexachloroethane	13.87	117	158497	50.795	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	468797	49.680	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	39999	48.979	ug/l	100

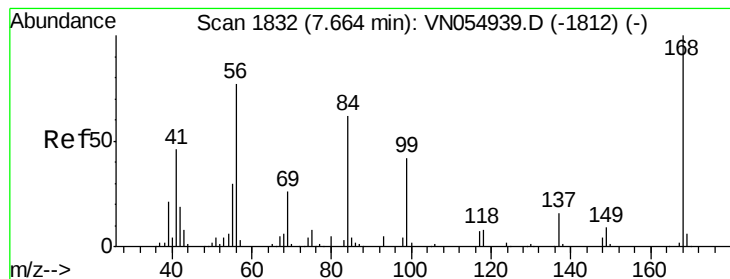
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
Data File : VN054939.D
Acq On : 4 Apr 2019 11:05
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Quant Time: Apr 05 01:53:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 05 01:45:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	236966	56.446	ug/l	100
94) Hexachlorobutadiene	15.01	225	147543	46.736	ug/l	100
95) Naphthalene	15.13	128	503072	54.611	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	232748	53.711	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

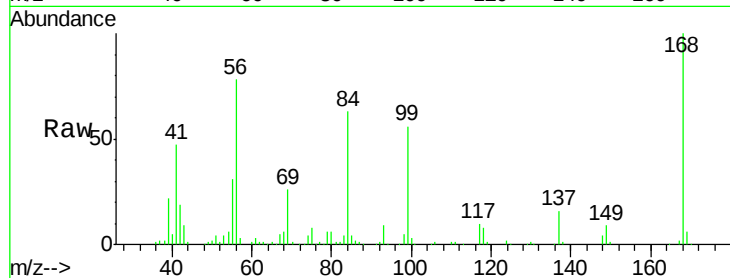
VSTDICCC050

Tgt Ion:168 Resp: 439963

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

7.66

200000

150000

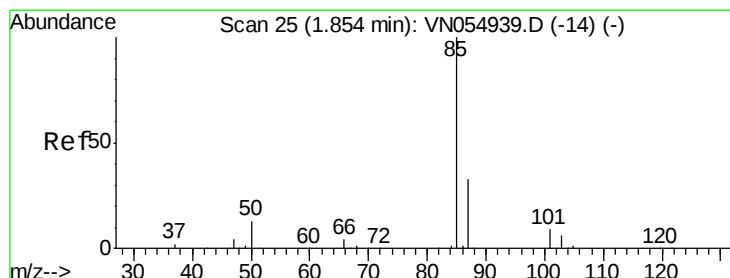
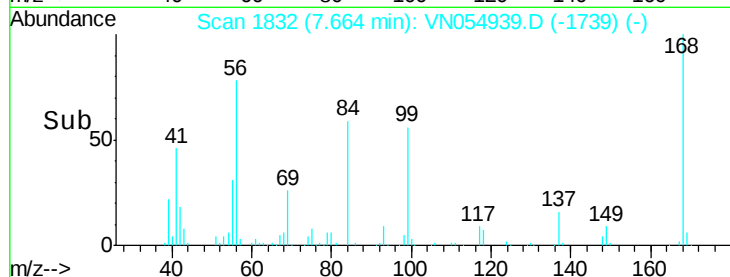
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.629 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN054939.D

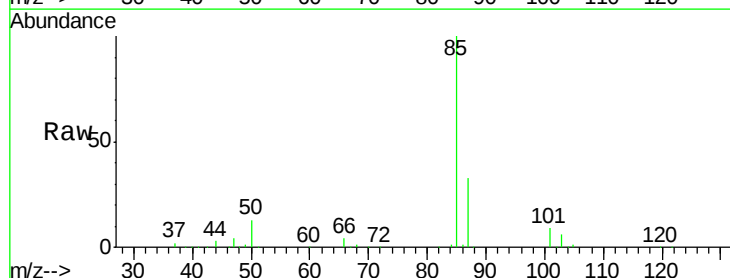
Acq: 4 Apr 2019 11:05

Tgt Ion: 85 Resp: 271613

Ion Ratio Lower Upper

85 100

87 32.5 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

150000

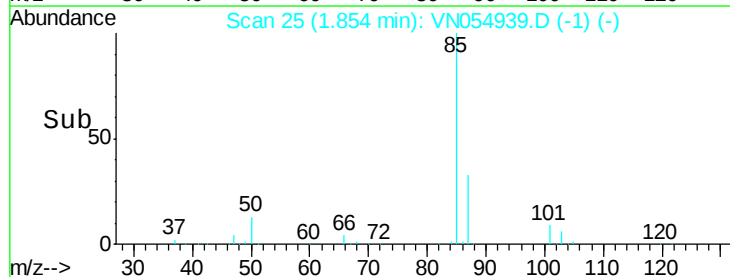
100000

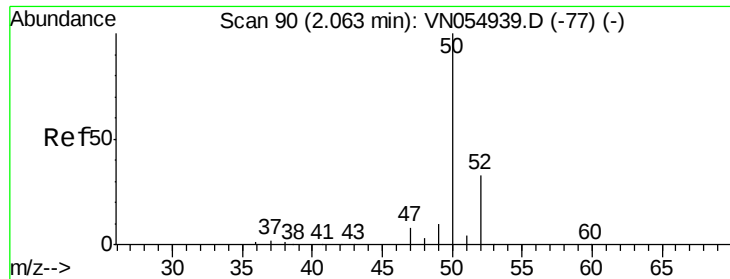
50000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 50.474 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

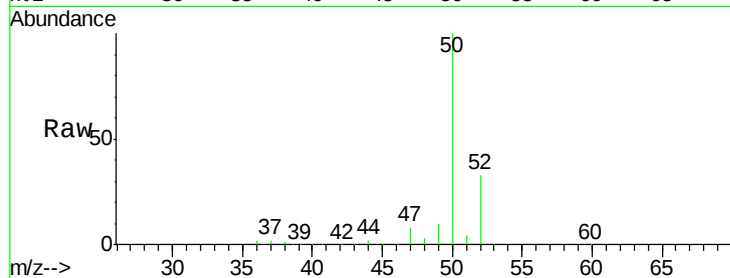
VSTDICCC050

Tgt Ion: 50 Resp: 351082

Ion Ratio Lower Upper

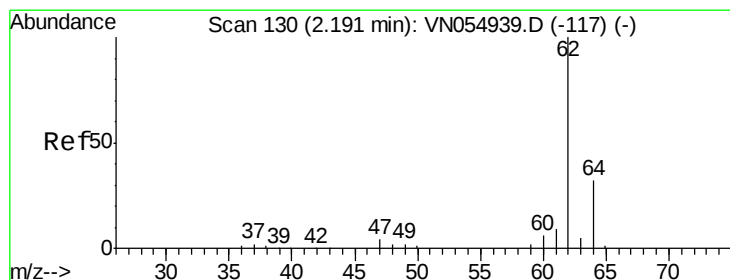
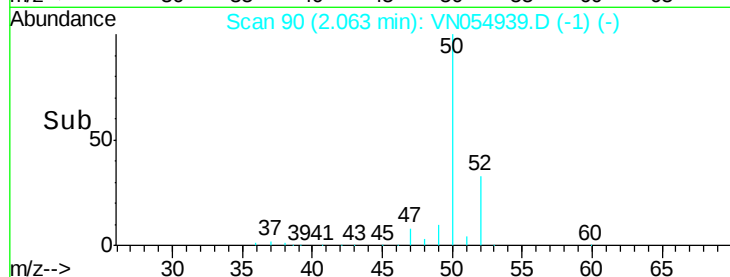
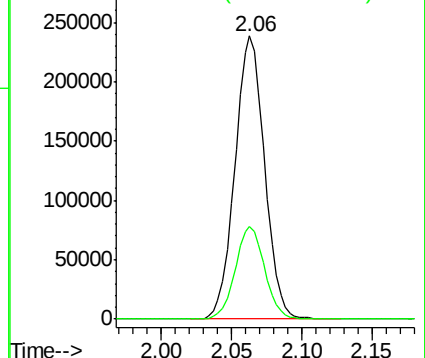
50 100

52 32.8 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: 50.875 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN054939.D

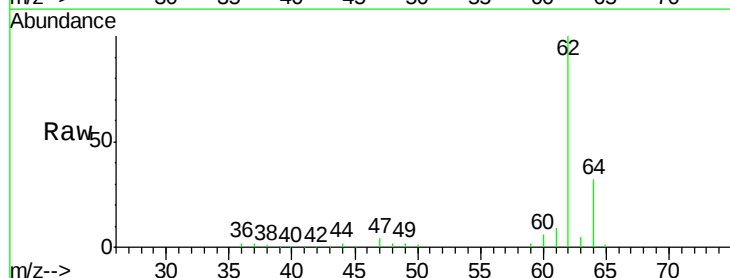
Acq: 4 Apr 2019 11:05

Tgt Ion: 62 Resp: 309186

Ion Ratio Lower Upper

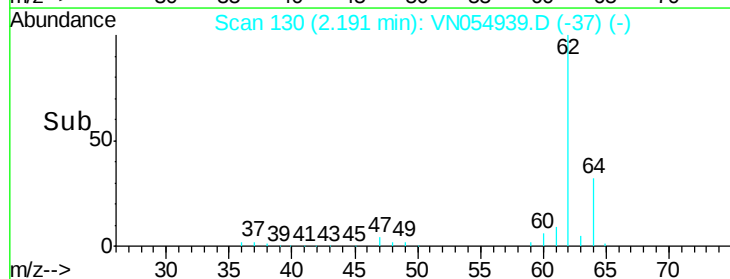
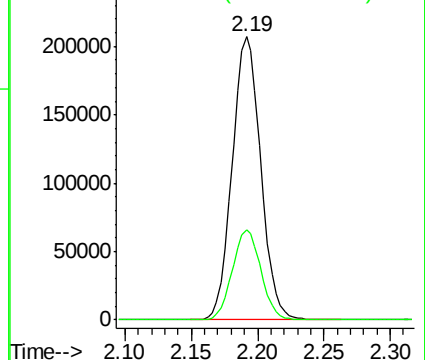
62 100

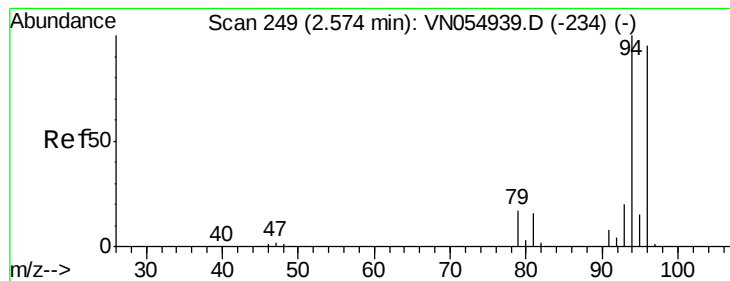
64 31.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 49.342 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

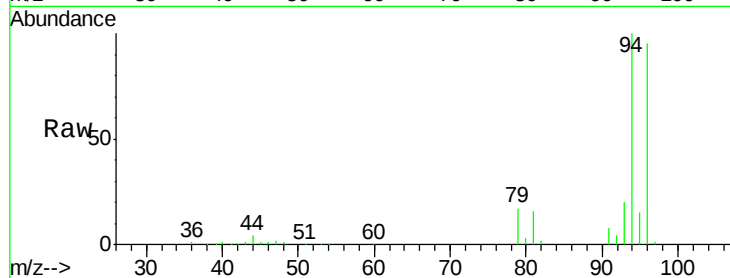
VSTDICCC050

Tgt Ion: 94 Resp: 171172

Ion Ratio Lower Upper

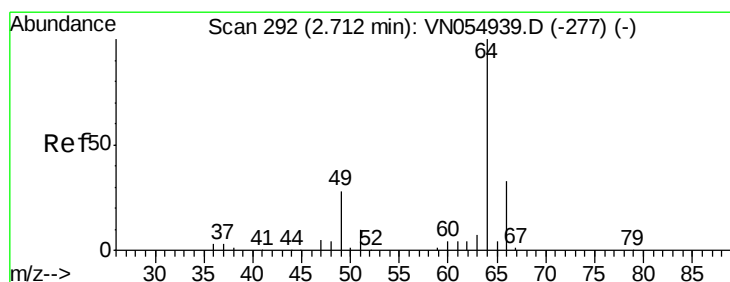
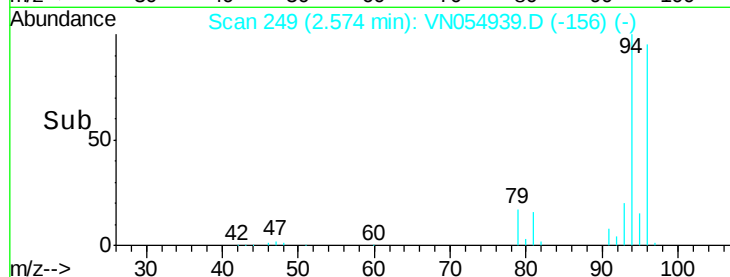
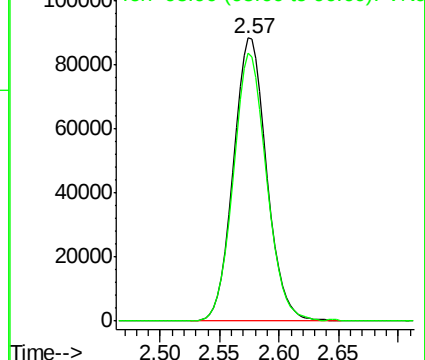
94 100

96 94.6 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: 48.745 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN054939.D

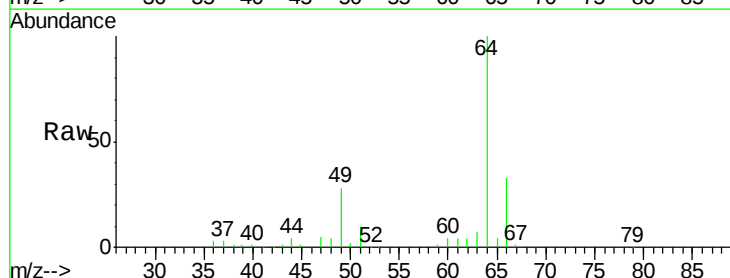
Acq: 4 Apr 2019 11:05

Tgt Ion: 64 Resp: 165223

Ion Ratio Lower Upper

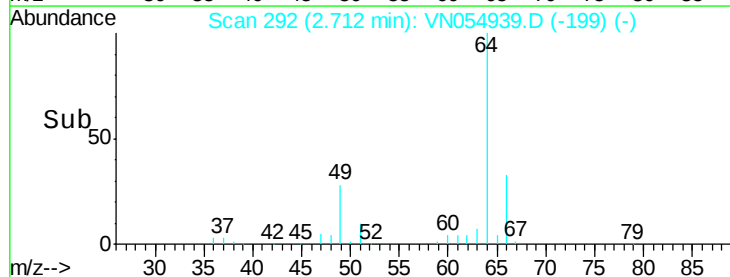
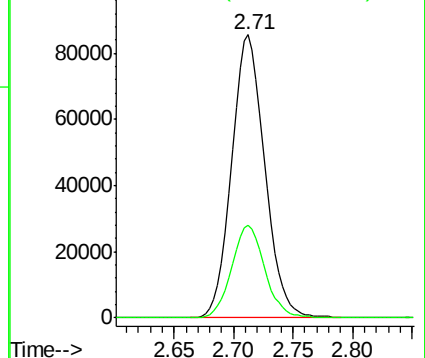
64 100

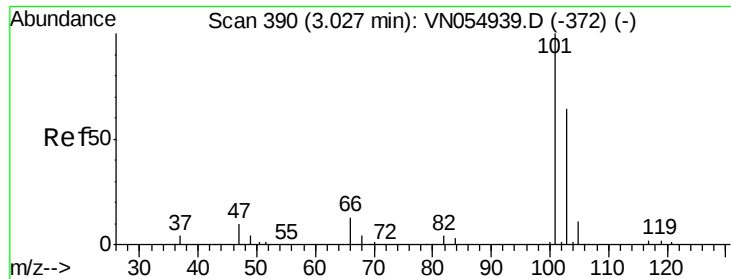
66 32.8 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



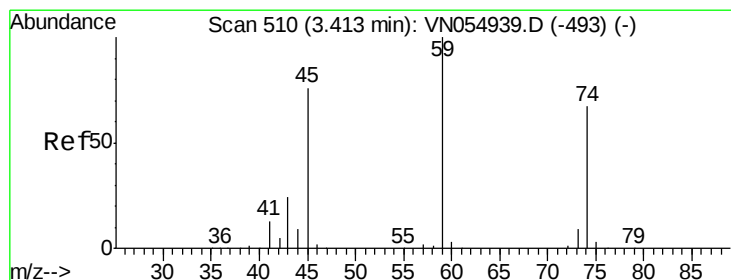
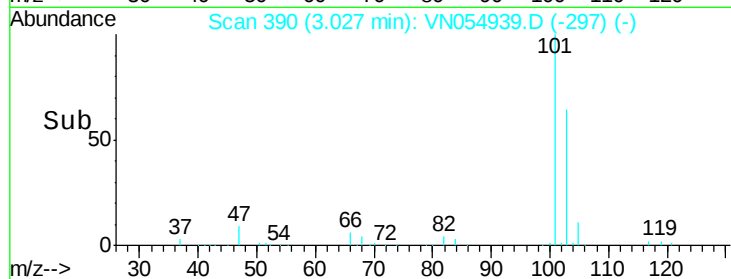
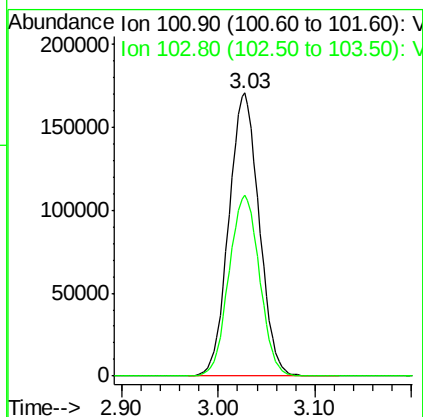
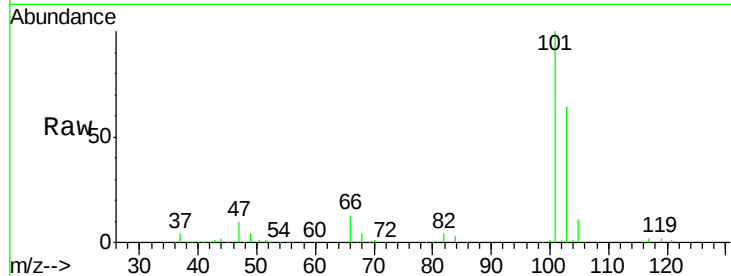


#7

Trichlorofluoromethane
 Concen: 50.356 ug/l
 RT: 3.03 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VN054939.D
 Acq: 4 Apr 2019 11:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

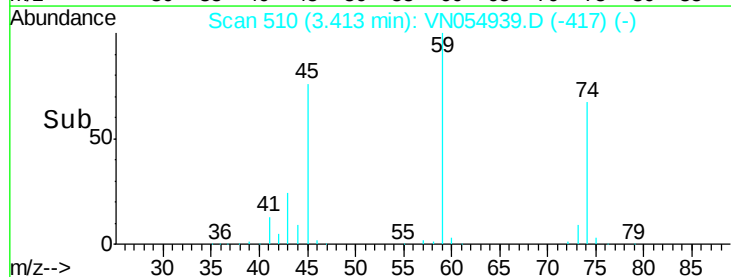
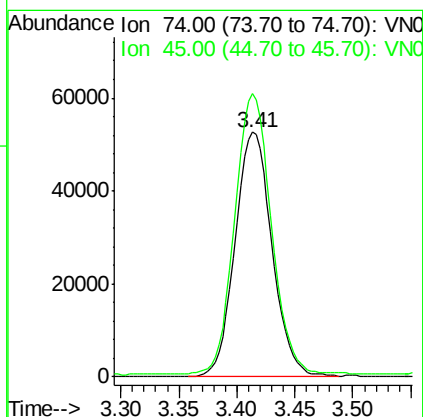
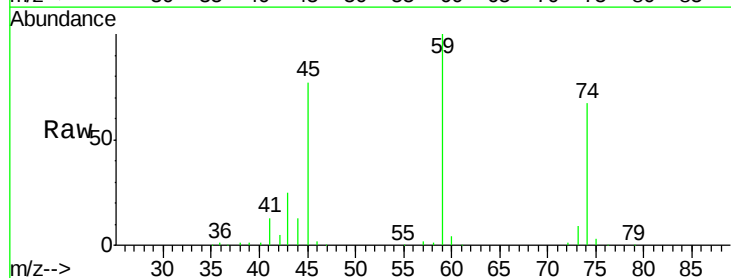
Tgt Ion:101 Resp: 371576
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.3 76.9

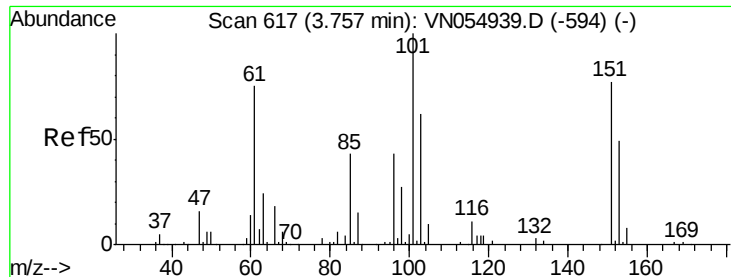


#8

Diethyl Ether
 Concen: 49.759 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN054939.D
 Acq: 4 Apr 2019 11:05

Tgt Ion: 74 Resp: 116939
 Ion Ratio Lower Upper
 74 100
 45 112.6 56.3 168.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.722 ug/l

RT: 3.76 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

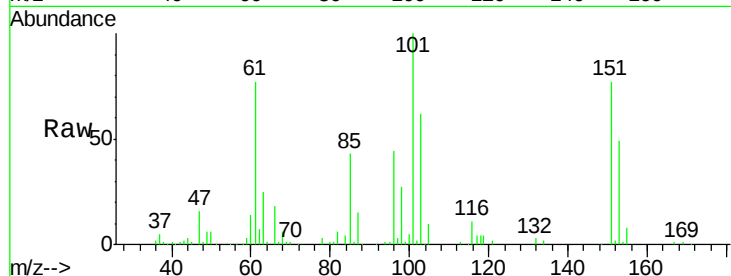
Tgt Ion:101 Resp: 194390

Ion Ratio Lower Upper

101 100

85 45.2 36.2 54.2

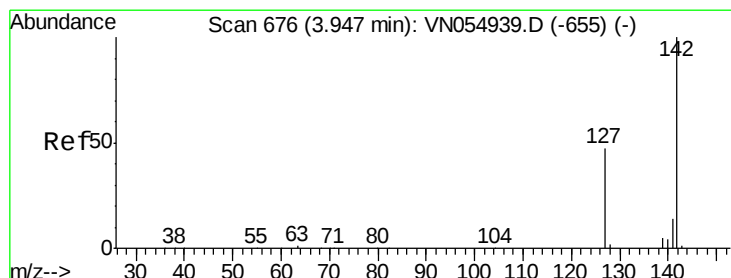
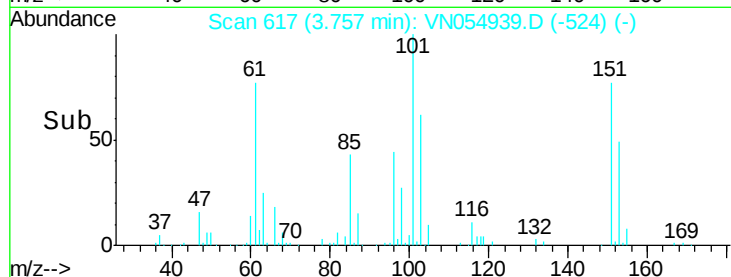
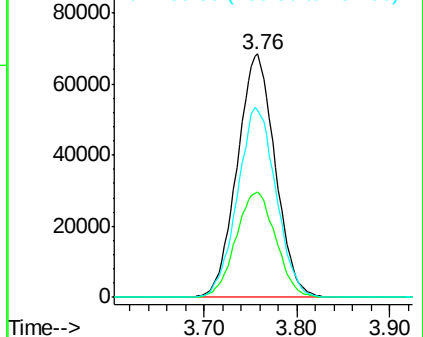
151 79.2 63.4 95.0



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: 51.962 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

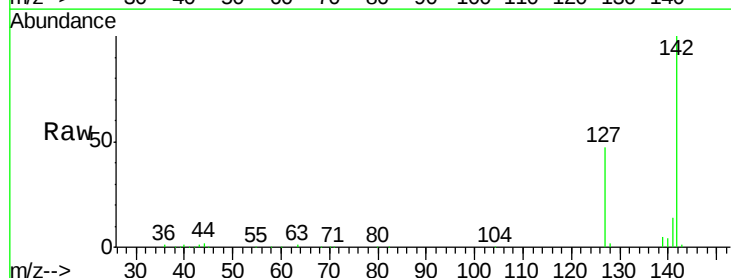
Tgt Ion:142 Resp: 286352

Ion Ratio Lower Upper

142 100

127 47.5 38.0 57.0

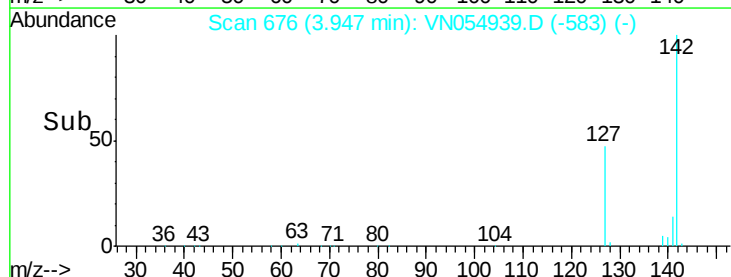
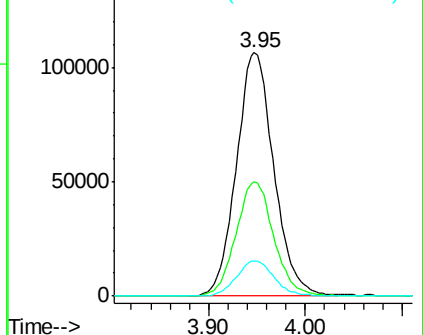
141 14.6 11.7 17.5

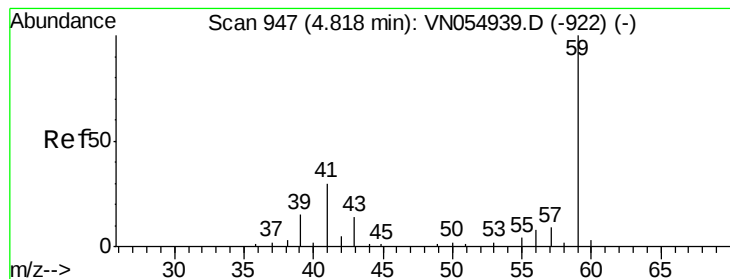


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



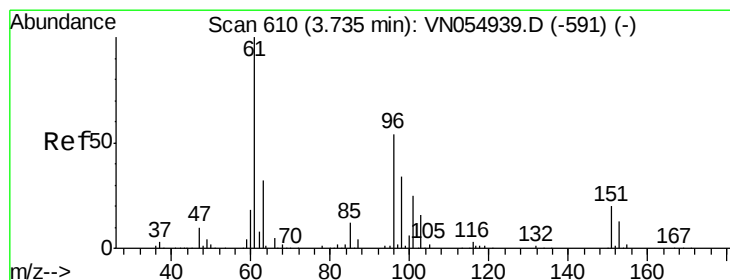
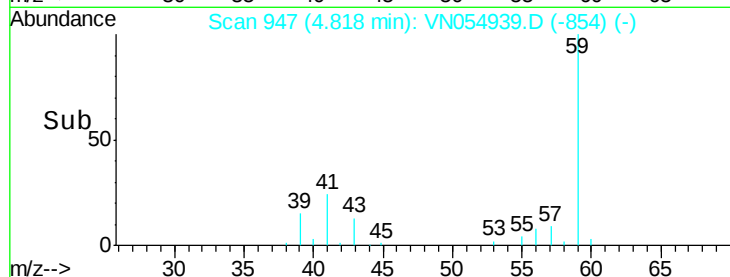
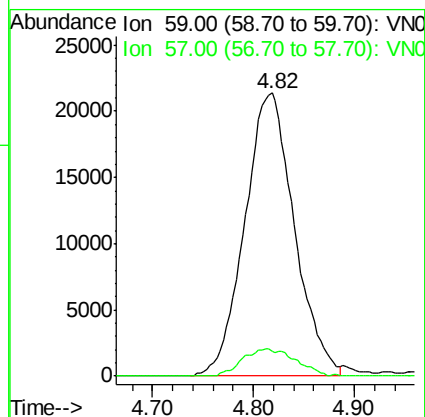
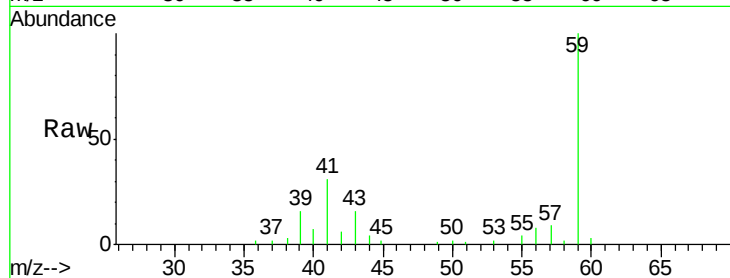


#11

Tert butyl alcohol
 Concen: 243.095 ug/l
 RT: 4.82 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: VN054939.D
 Acq: 4 Apr 2019 11:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

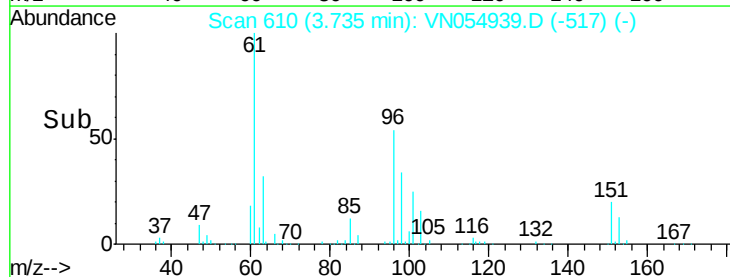
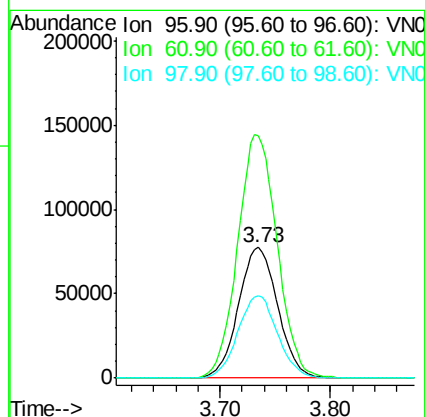
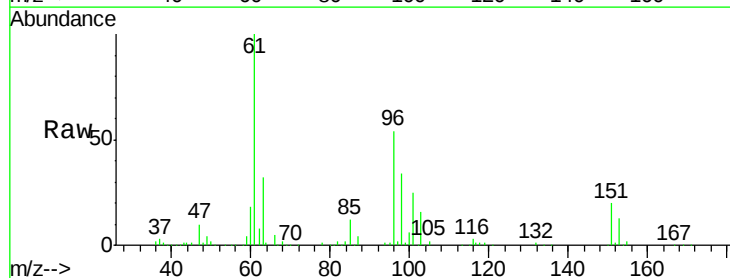
Tgt Ion: 59 Resp: 72978
 Ion Ratio Lower Upper
 59 100
 57 6.2 5.0 7.4

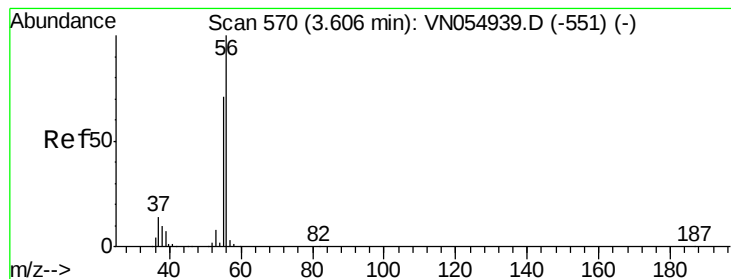


#12

1,1-Dichloroethene
 Concen: 49.494 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN054939.D
 Acq: 4 Apr 2019 11:05

Tgt Ion: 96 Resp: 191944
 Ion Ratio Lower Upper
 96 100
 61 185.2 148.2 222.2
 98 62.8 50.2 75.4





#13

Acrolein

Concen: 279.746 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

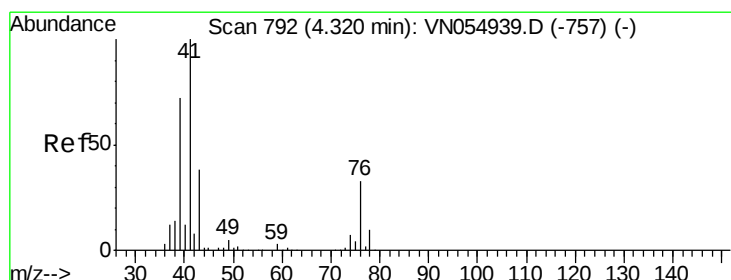
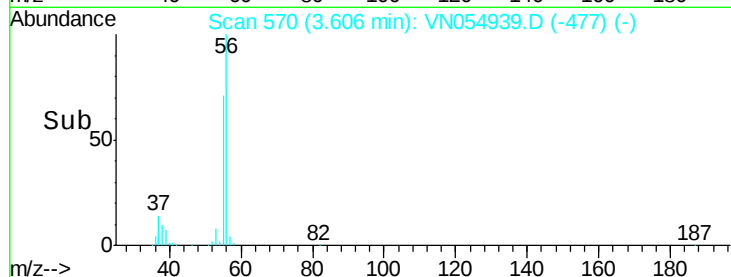
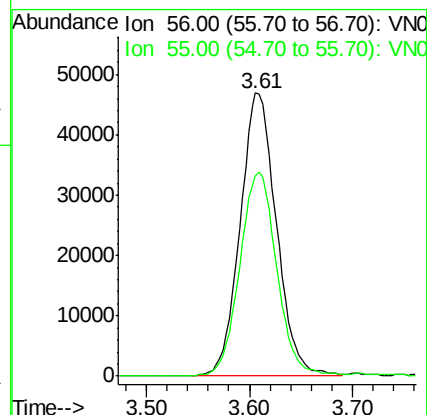
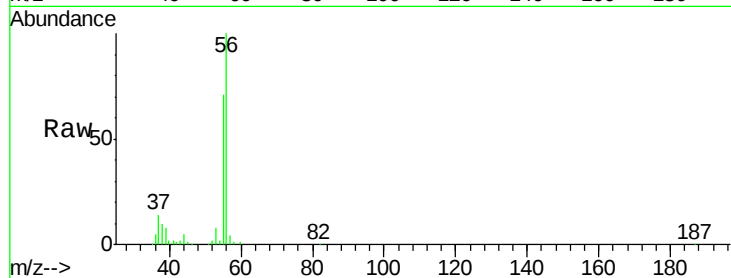
VSTDICCC050

Tgt Ion: 56 Resp: 114847

Ion Ratio Lower Upper

56 100

55 73.2 58.6 87.8



#14

Allyl chloride

Concen: 51.193 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

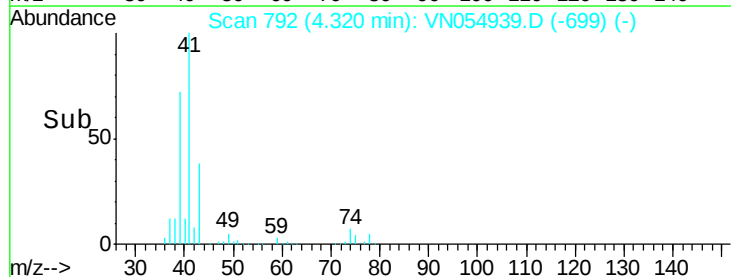
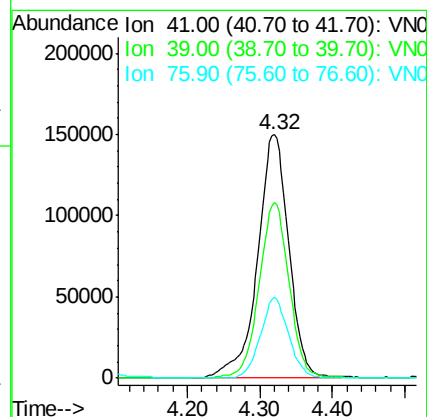
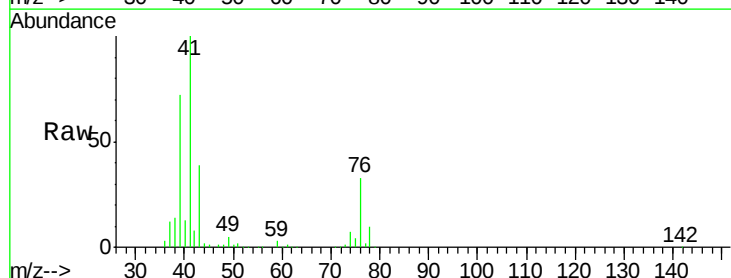
Tgt Ion: 41 Resp: 450423

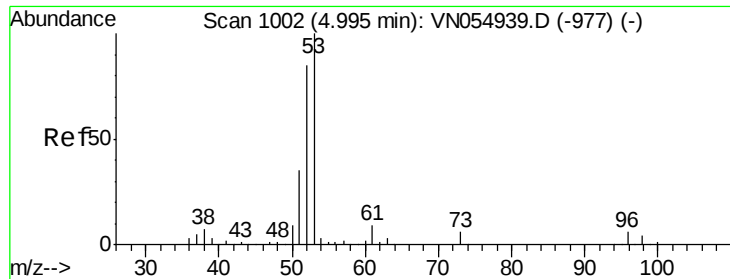
Ion Ratio Lower Upper

41 100

39 69.3 55.4 83.2

76 29.8 23.8 35.8





#15

Acrylonitrile

Concen: 251.395 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

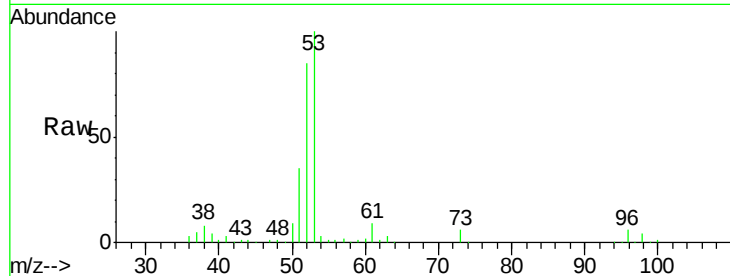
Tgt Ion: 53 Resp: 451268

Ion Ratio Lower Upper

53 100

52 83.0 66.4 99.6

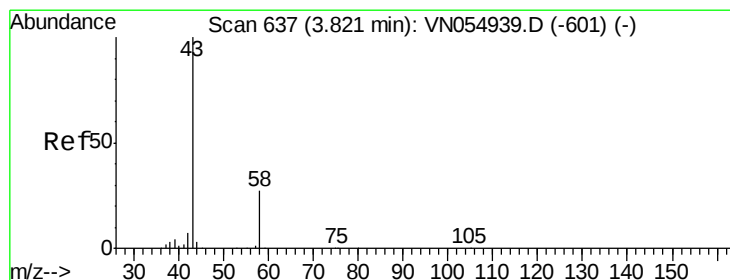
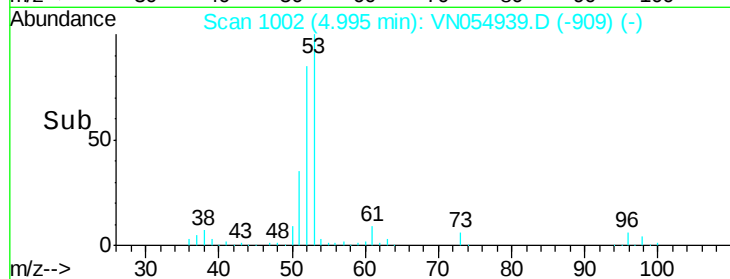
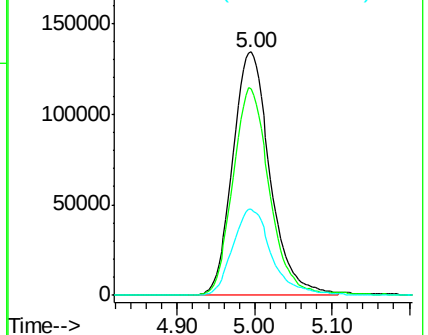
51 36.9 29.5 44.3



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: 263.032 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054939.D

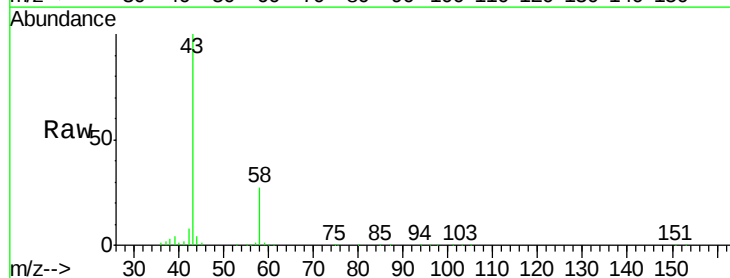
Acq: 4 Apr 2019 11:05

Tgt Ion: 43 Resp: 414686

Ion Ratio Lower Upper

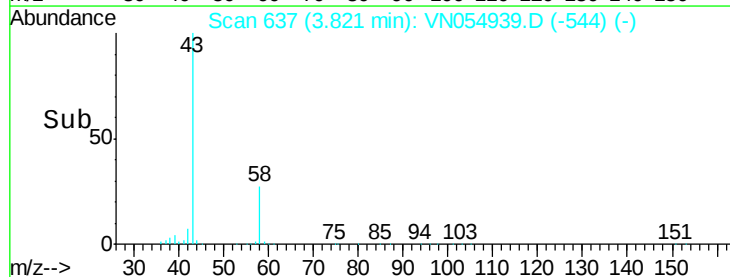
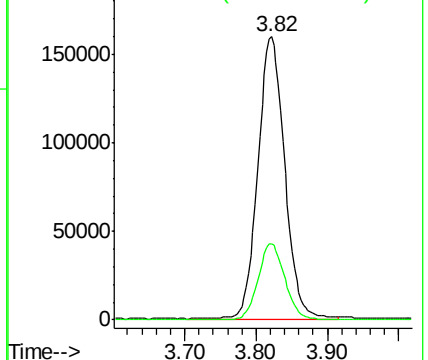
43 100

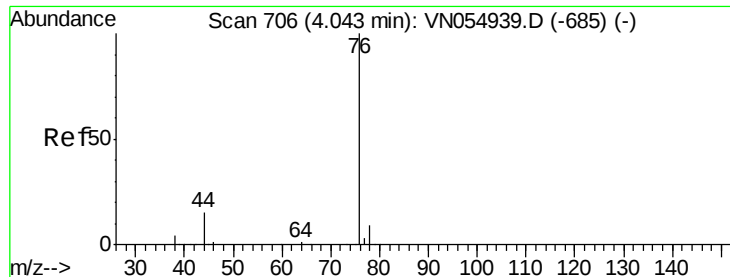
58 27.1 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

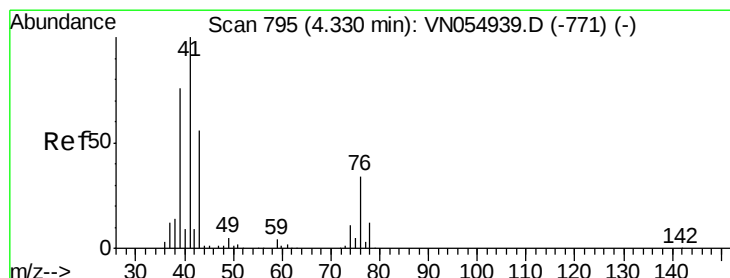
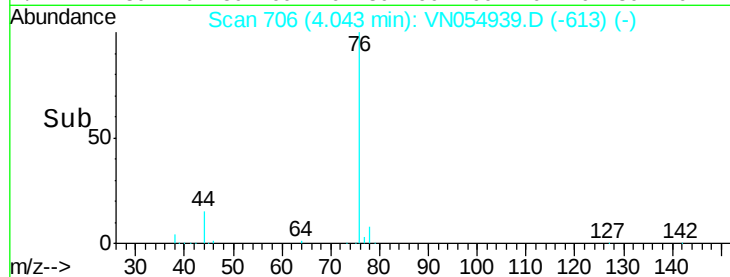
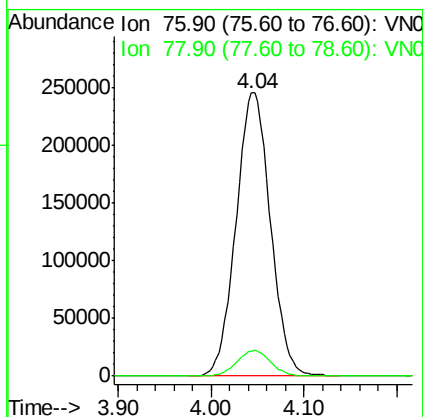
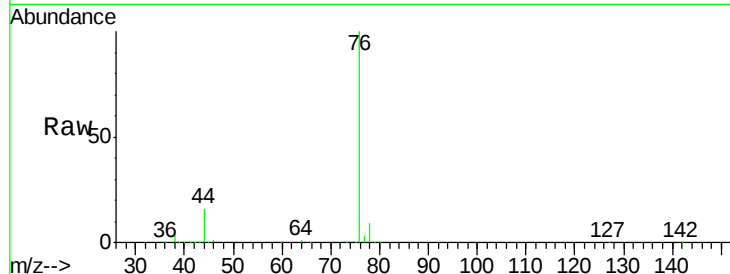




#17
Carbon Disulfide
Concen: 51.147 ug/l
RT: 4.04 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN054939.D
Acq: 4 Apr 2019 11:05

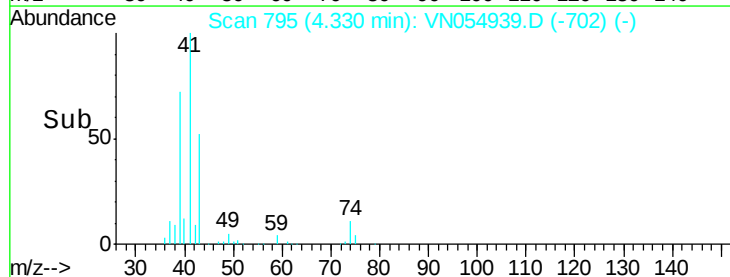
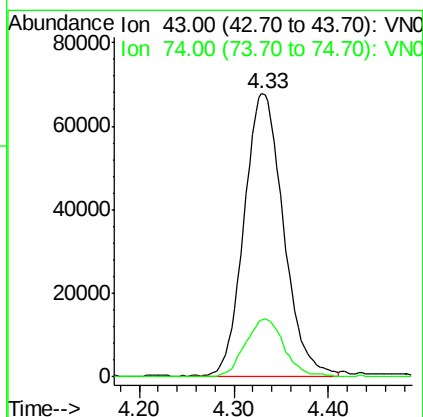
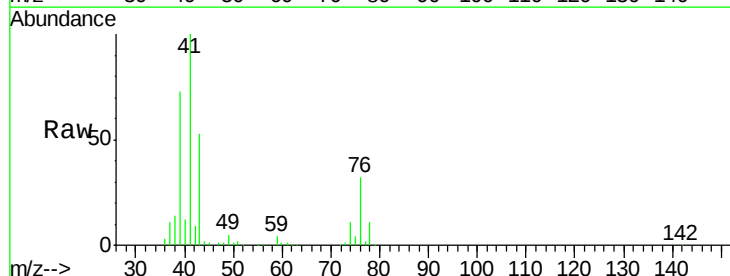
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

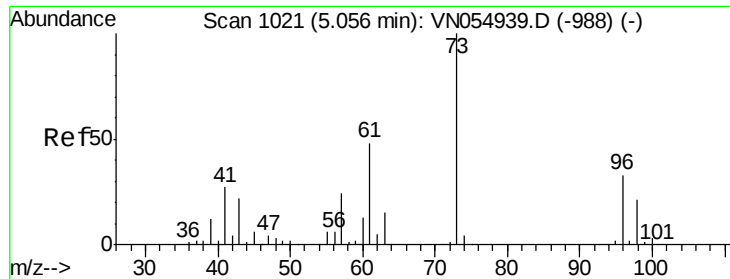
Tgt Ion: 76 Resp: 631394
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 45.064 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN054939.D
Acq: 4 Apr 2019 11:05

Tgt Ion: 43 Resp: 194548
Ion Ratio Lower Upper
43 100
74 20.5 16.4 24.6

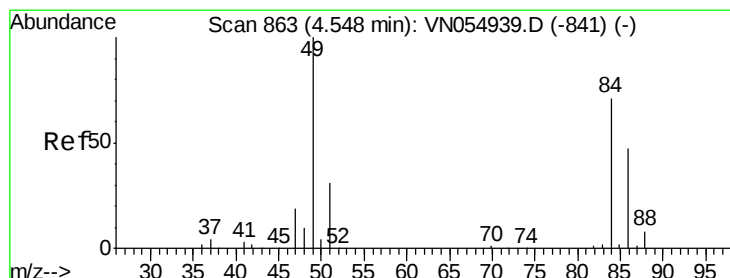
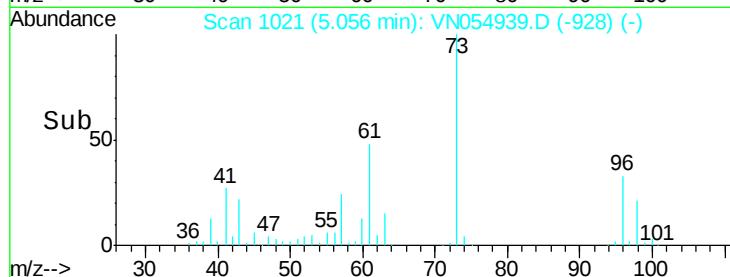
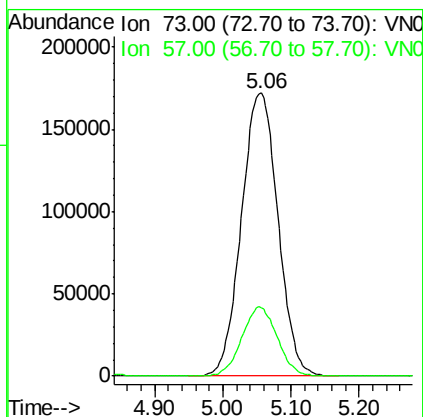
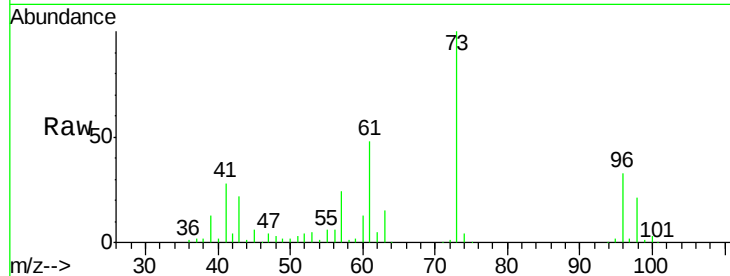




#19
Methyl tert-butyl Ether
Concen: 50.863 ug/l
RT: 5.06 min Scan# 1021
Delta R.T. 0.00 min
Lab File: VN054939.D
Acq: 4 Apr 2019 11:05

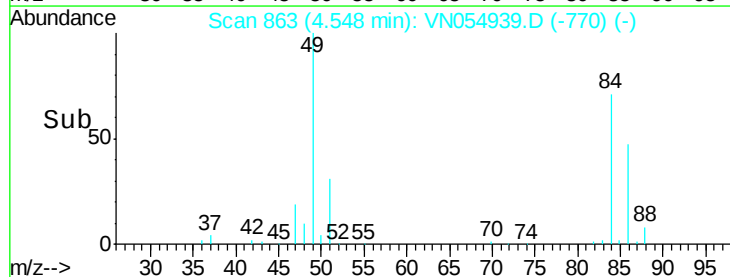
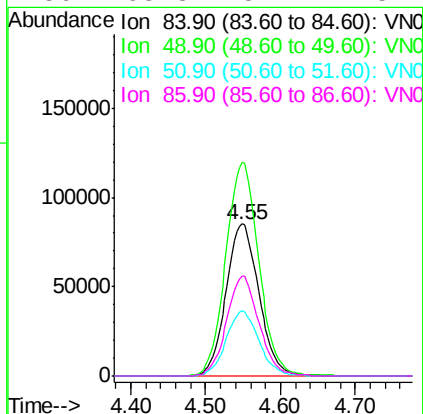
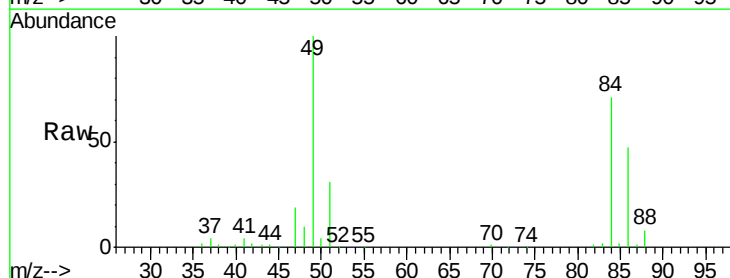
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

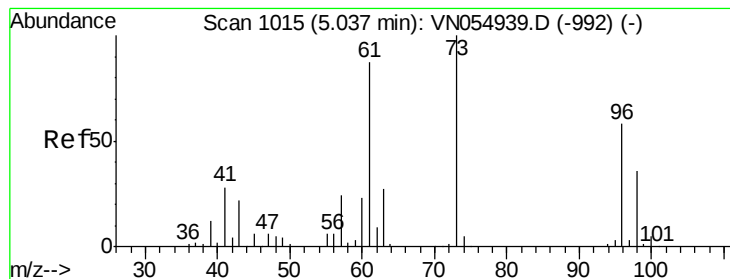
Tgt Ion: 73 Resp: 639812
Ion Ratio Lower Upper
73 100
57 24.4 19.5 29.3



#20
Methylene Chloride
Concen: 48.380 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054939.D
Acq: 4 Apr 2019 11:05

Tgt Ion: 84 Resp: 260468
Ion Ratio Lower Upper
84 100
49 140.1 112.1 168.1
51 43.1 34.5 51.7
86 65.3 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 51.131 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

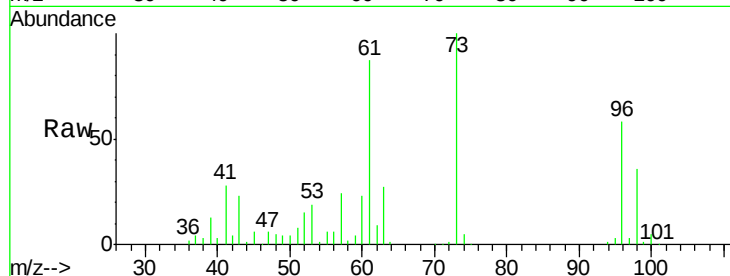
Tgt Ion: 96 Resp: 247195

Ion Ratio Lower Upper

96 100

61 150.1 120.1 180.1

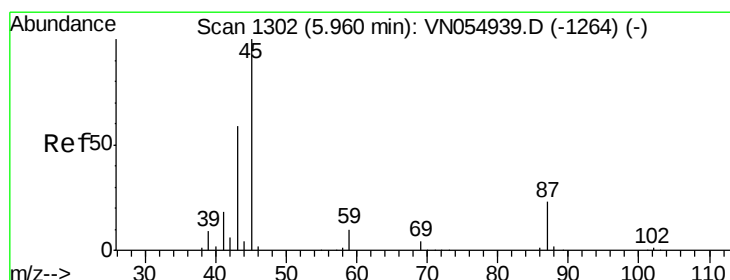
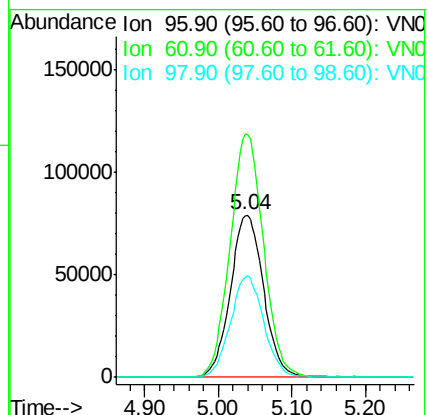
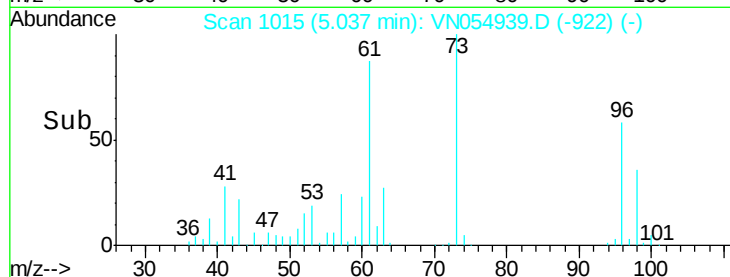
98 61.6 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VN054939.D (-992) (-)

Ion 60.90 (60.60 to 61.60): VN054939.D (-992) (-)

Ion 97.90 (97.60 to 98.60): VN054939.D (-992) (-)



#22

Diisopropyl ether

Concen: 51.848 ug/l

RT: 5.96 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

Tgt Ion: 45 Resp: 916527

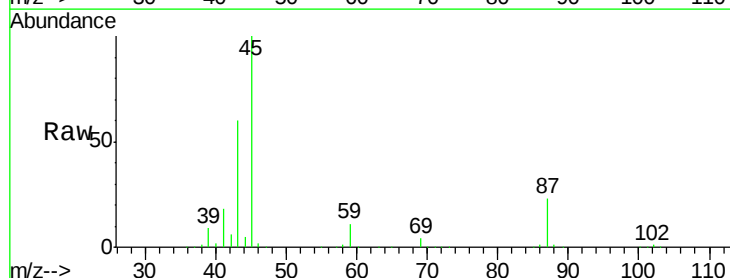
Ion Ratio Lower Upper

45 100

43 58.6 46.9 70.3

87 23.3 18.6 28.0

59 10.6 8.5 12.7

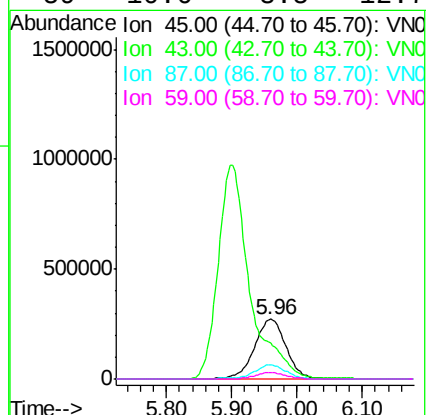
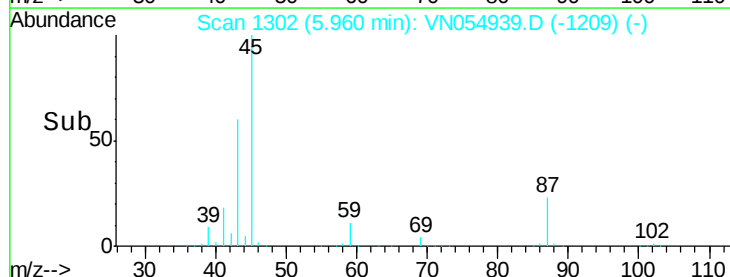


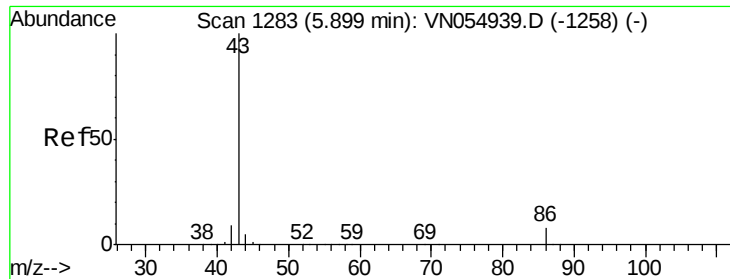
Abundance Ion 45.00 (44.70 to 45.70): VN054939.D (-1264) (-)

Ion 43.00 (42.70 to 43.70): VN054939.D (-1264) (-)

Ion 87.00 (86.70 to 87.70): VN054939.D (-1264) (-)

Ion 59.00 (58.70 to 59.70): VN054939.D (-1264) (-)





#23

Vinyl Acetate

Concen: 266.943 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

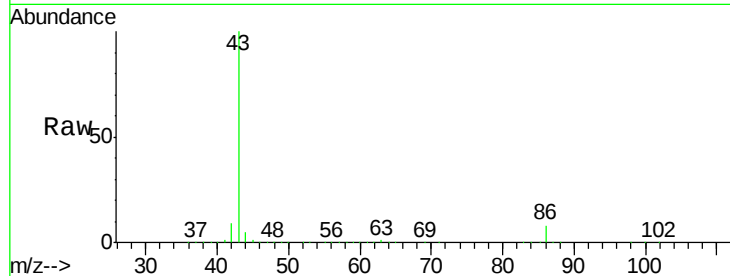
VSTDICCC050

Tgt Ion: 43 Resp: 3283568

Ion Ratio Lower Upper

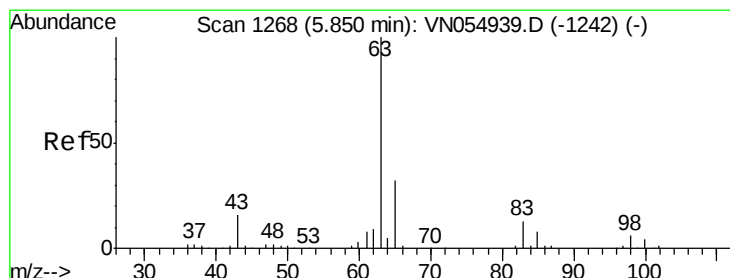
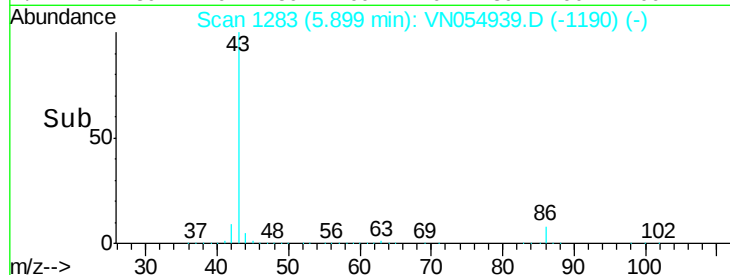
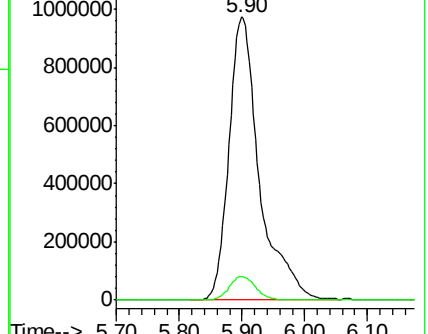
43 100

86 8.4 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 50.450 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

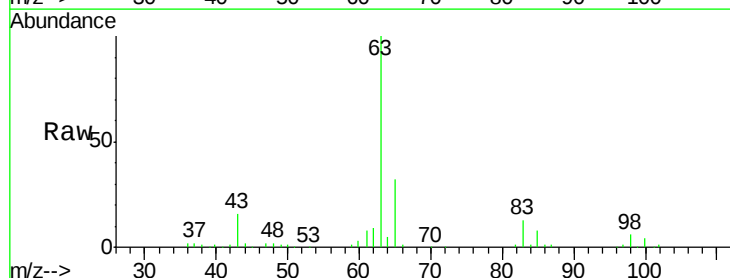
Tgt Ion: 63 Resp: 486333

Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.7

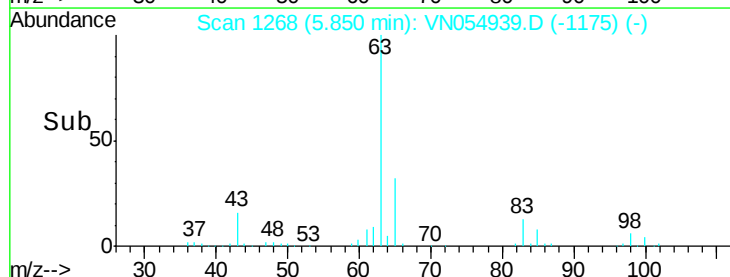
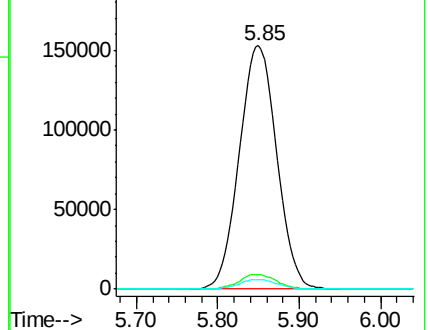
100 4.1 2.1 6.2

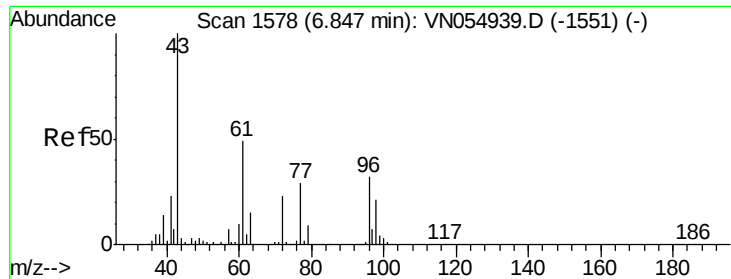


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

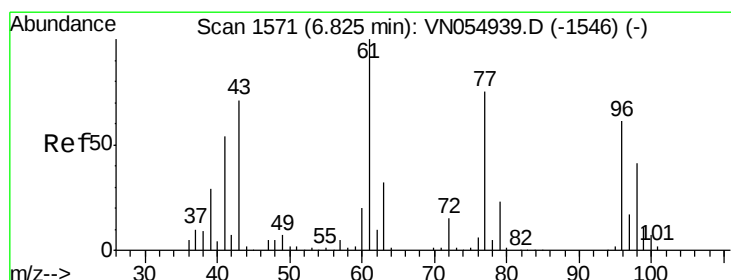
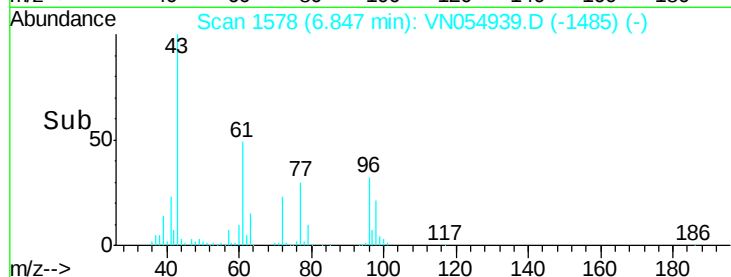
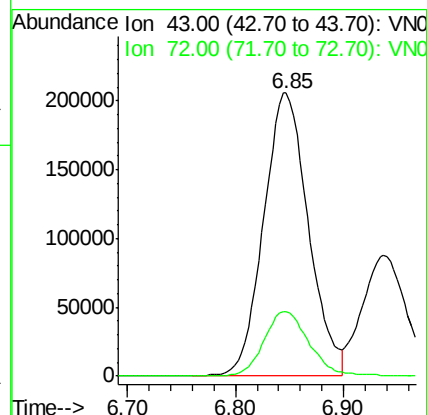
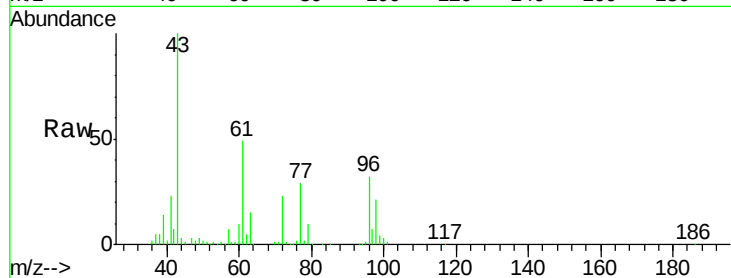




#25
2-Butanone
Concen: 270.066 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VN054939.D
Acq: 4 Apr 2019 11:05

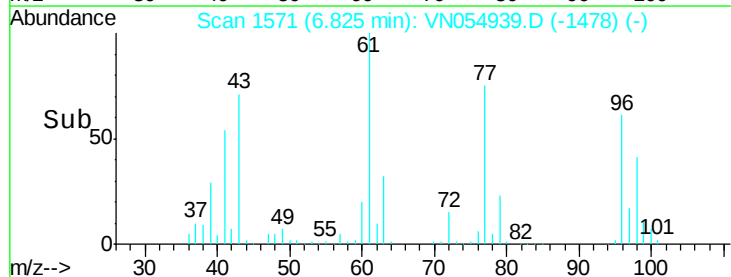
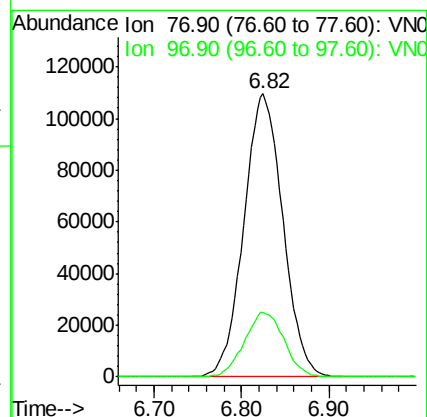
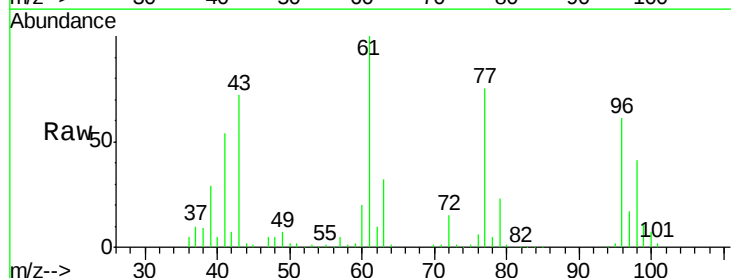
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

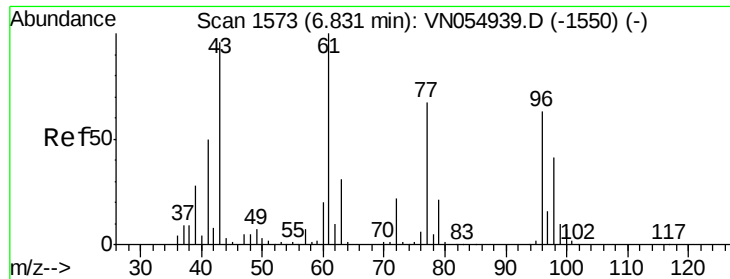
Tgt Ion: 43 Resp: 588248
Ion Ratio Lower Upper
43 100
72 22.9 18.3 27.5



#26
2,2-Dichloropropane
Concen: 50.088 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN054939.D
Acq: 4 Apr 2019 11:05

Tgt Ion: 77 Resp: 338483
Ion Ratio Lower Upper
77 100
97 23.2 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 50.838 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

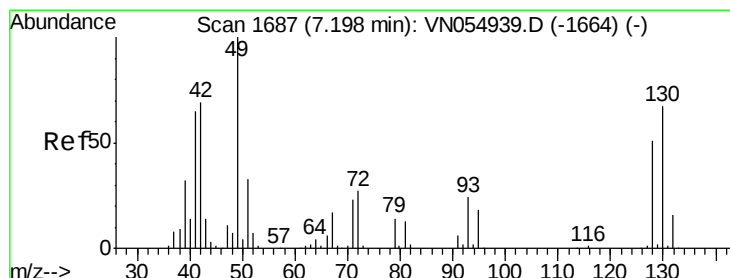
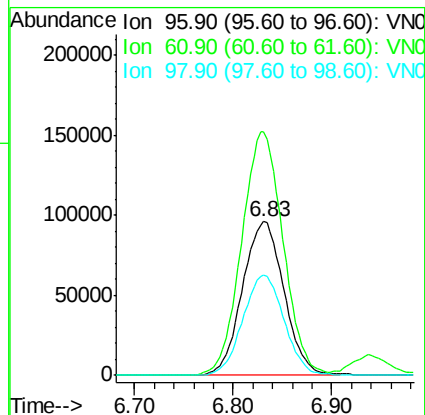
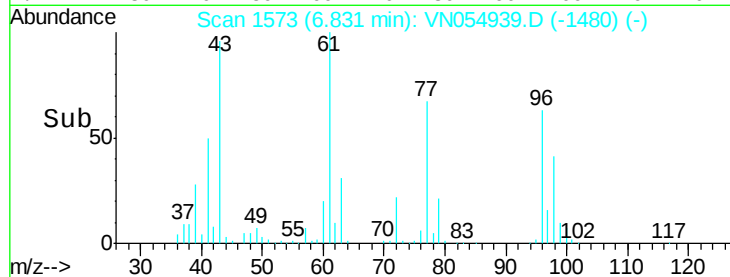
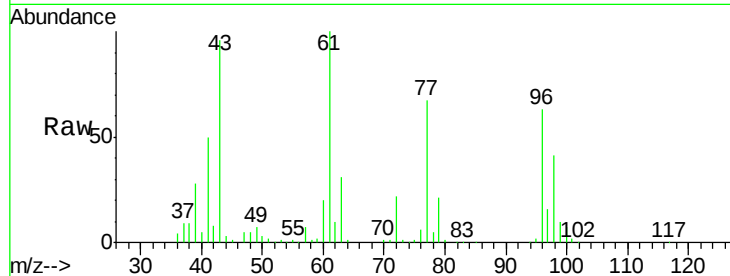
Tgt Ion: 96 Resp: 279324

Ion Ratio Lower Upper

96 100

61 158.1 0.0 316.2

98 64.8 0.0 129.6



#28

Bromochloromethane

Concen: 49.753 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

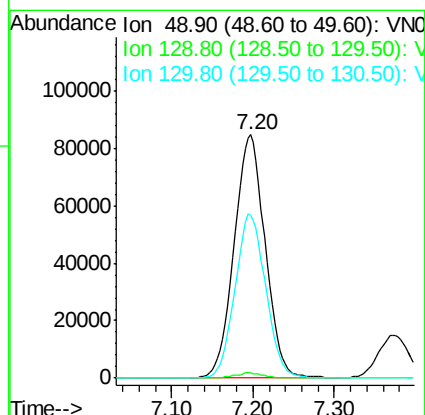
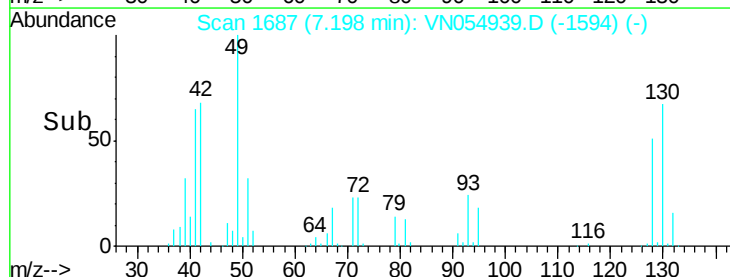
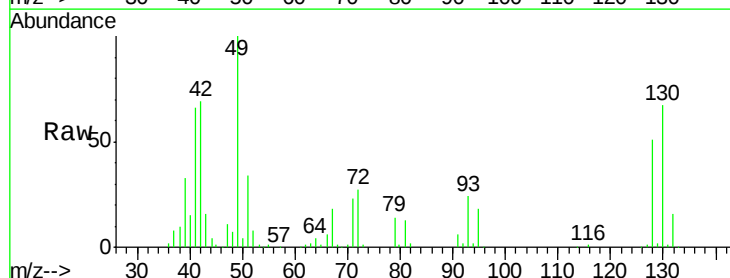
Tgt Ion: 49 Resp: 224690

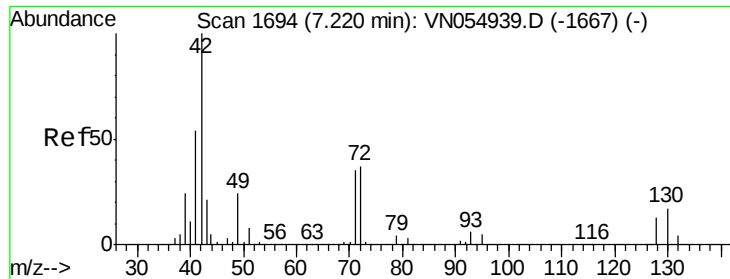
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 66.4 53.1 79.7

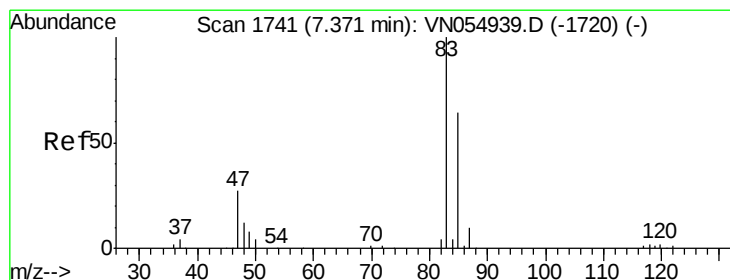
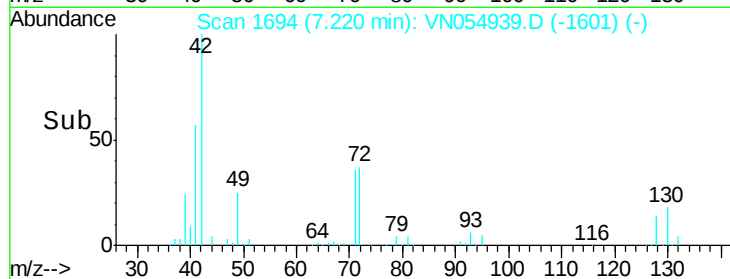
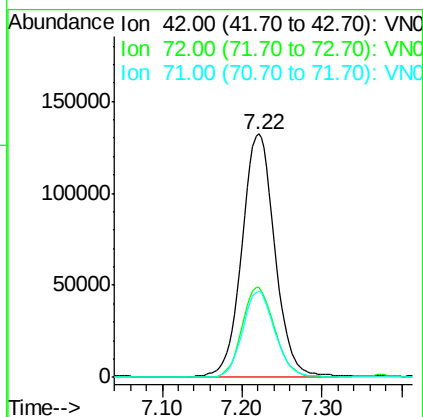
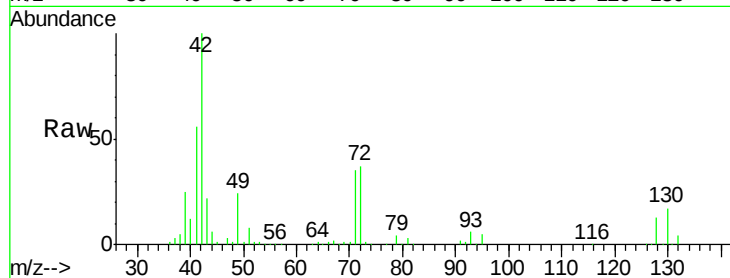




#29
Tetrahydrofuran
Concen: 256.275 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VN054939.D
Acq: 4 Apr 2019 11:05

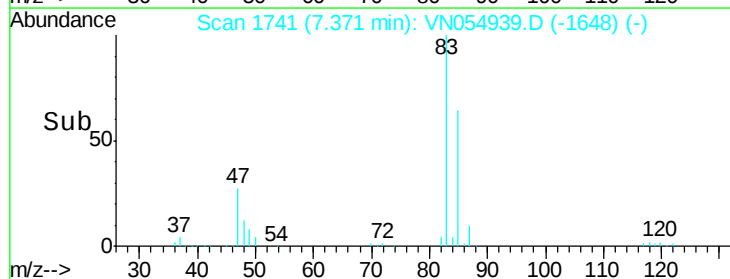
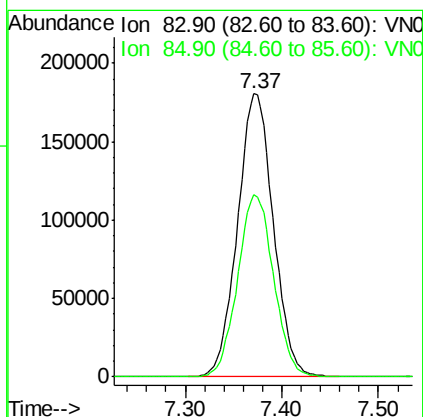
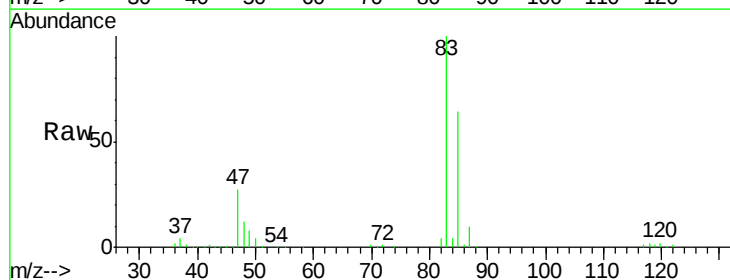
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

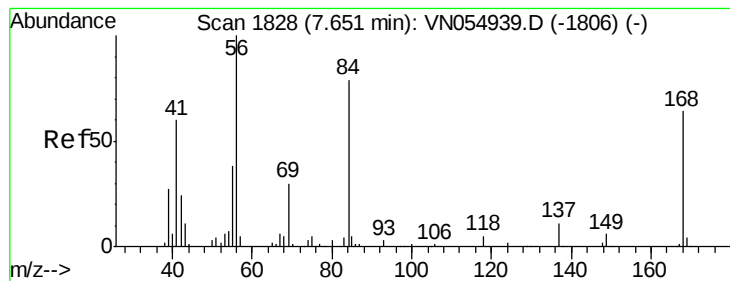
Tgt Ion: 42 Resp: 365879
Ion Ratio Lower Upper
42 100
72 36.6 29.3 43.9
71 34.7 27.8 41.6



#30
Chloroform
Concen: 50.762 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN054939.D
Acq: 4 Apr 2019 11:05

Tgt Ion: 83 Resp: 463758
Ion Ratio Lower Upper
83 100
85 64.2 51.4 77.0





#31

Cyclohexane

Concen: 42.353 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

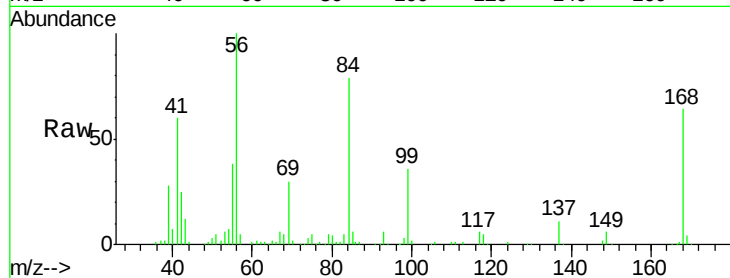
Tgt Ion: 56 Resp: 466192

Ion Ratio Lower Upper

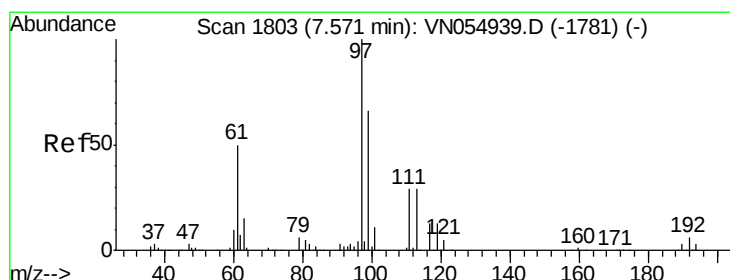
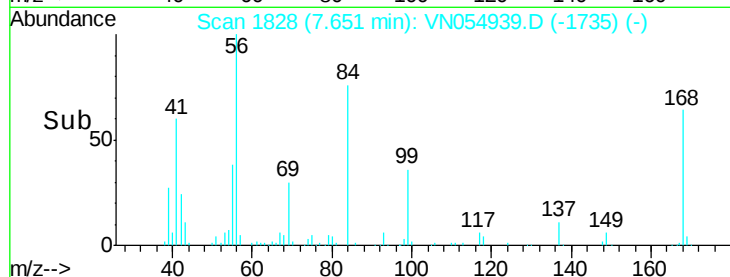
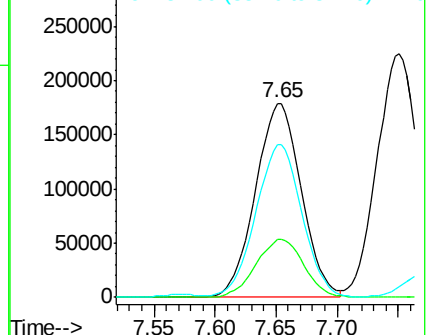
56 100

69 29.7 23.8 35.6

84 77.3 61.8 92.8



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



#32

1,1,1-Trichloroethane

Concen: 50.088 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

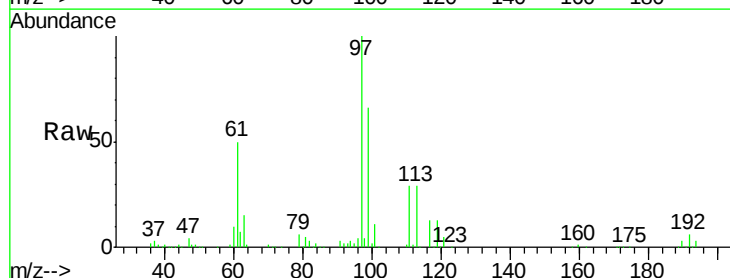
Tgt Ion: 97 Resp: 386149

Ion Ratio Lower Upper

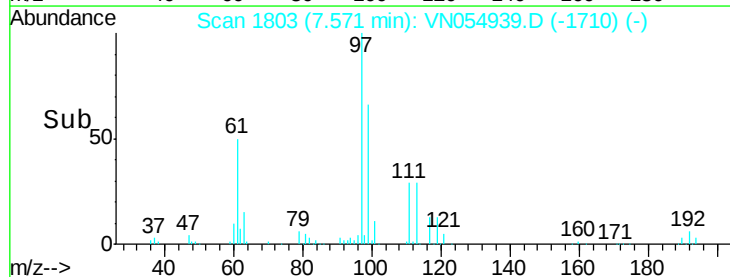
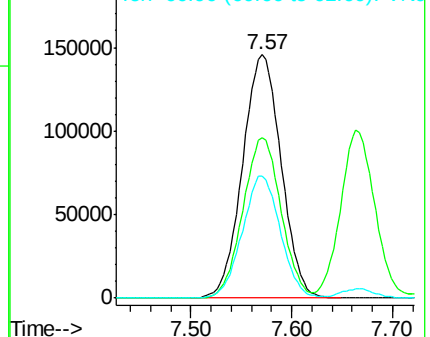
97 100

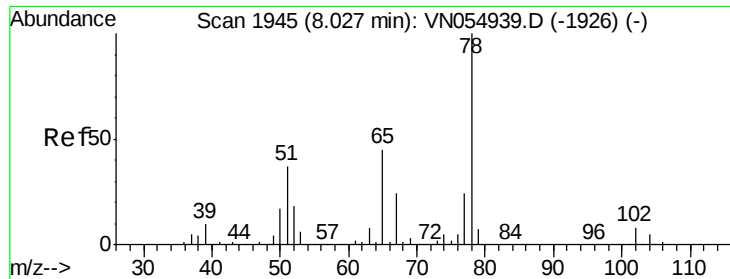
99 65.1 52.1 78.1

61 49.5 39.6 59.4



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO

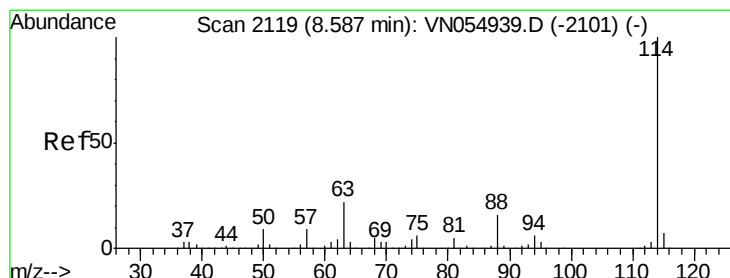
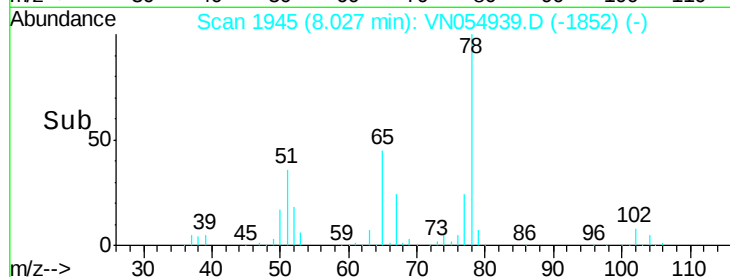
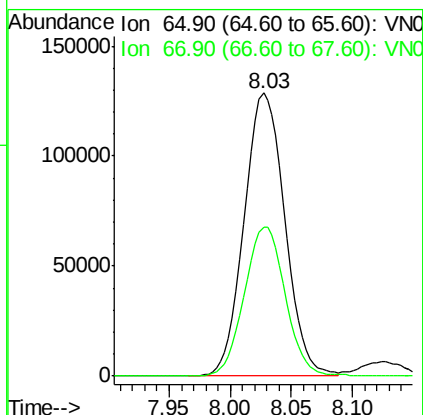
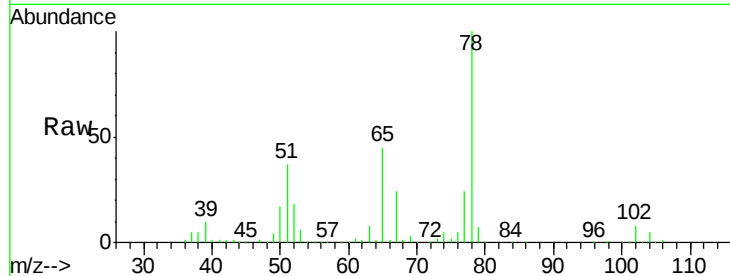




#33
 1,2-Dichloroethane-d4
 Concen: 51.277 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054939.D
 Acq: 4 Apr 2019 11:05

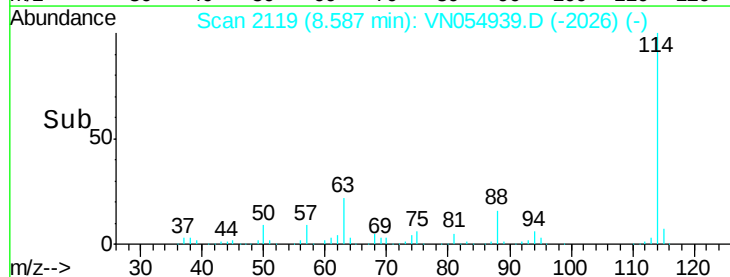
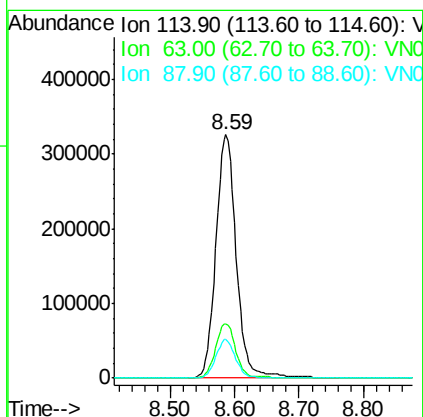
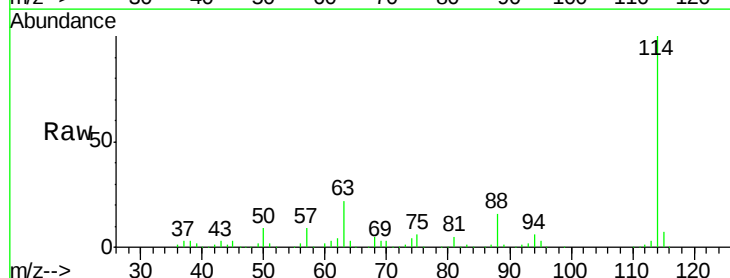
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

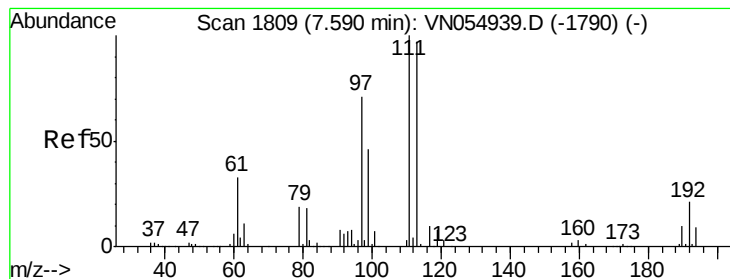
Tgt Ion: 65 Resp: 297444
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054939.D
 Acq: 4 Apr 2019 11:05

Tgt Ion: 114 Resp: 718662
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 44.6
 88 16.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 51.515 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

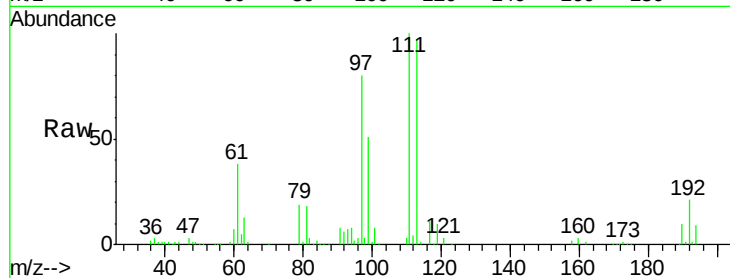
Tgt Ion: 113 Resp: 240998

Ion Ratio Lower Upper

113 100

111 101.2 81.0 121.4

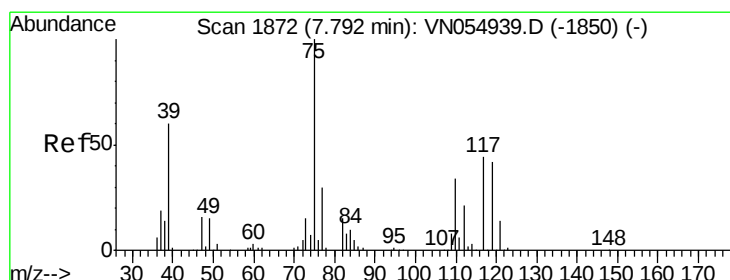
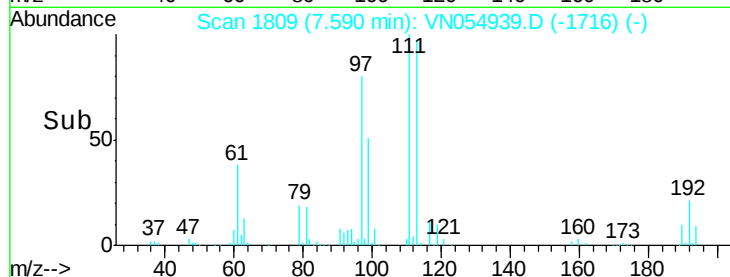
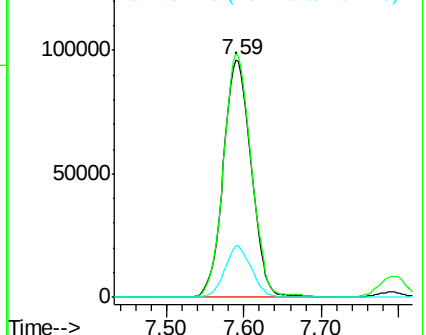
192 20.6 16.5 24.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.366 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

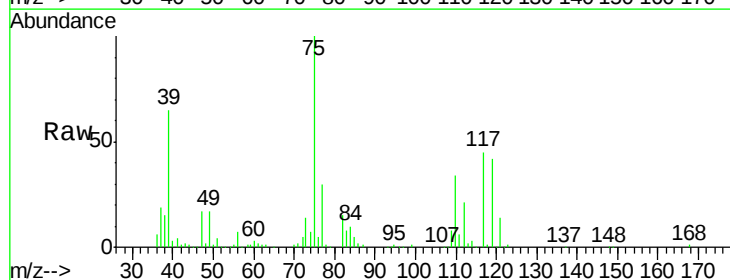
Tgt Ion: 75 Resp: 358645

Ion Ratio Lower Upper

75 100

110 33.9 17.0 50.9

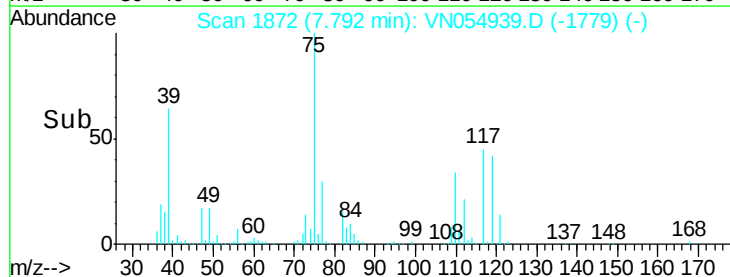
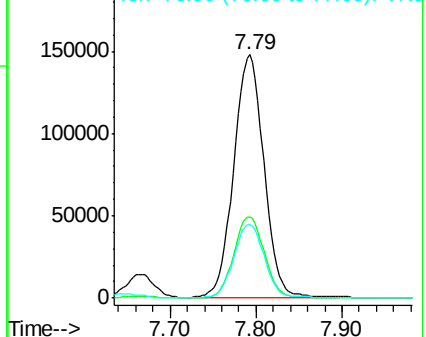
77 31.6 25.3 37.9

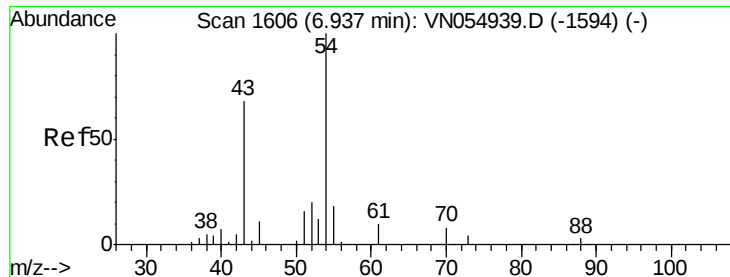


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

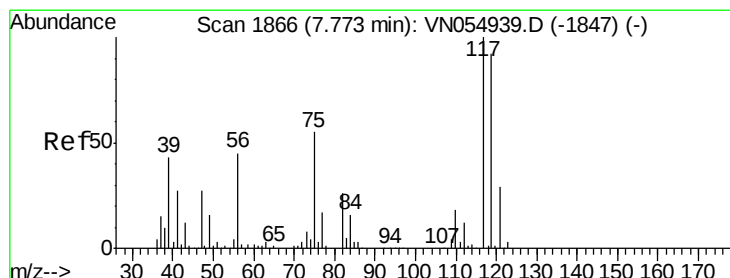
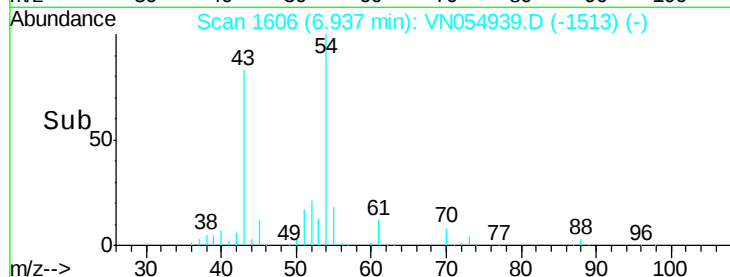
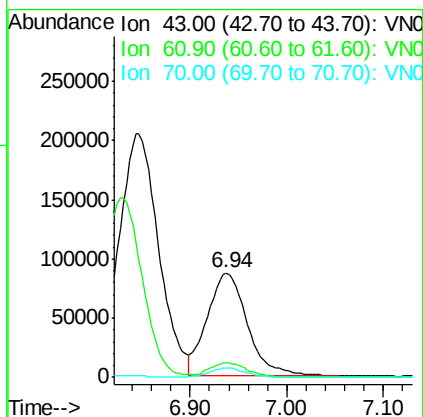
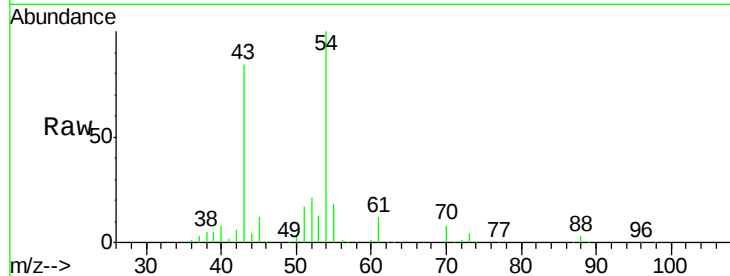




#37
Ethyl Acetate
Concen: 51.537 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VN054939.D
Acq: 4 Apr 2019 11:05

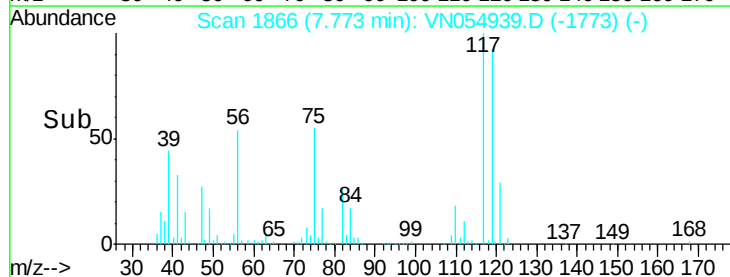
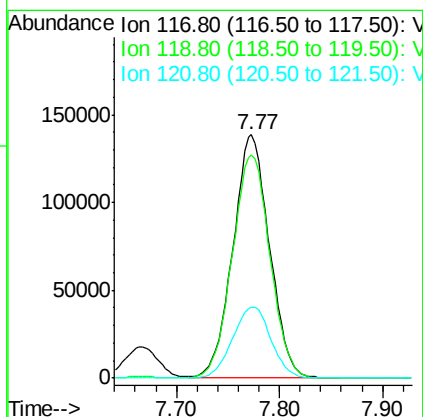
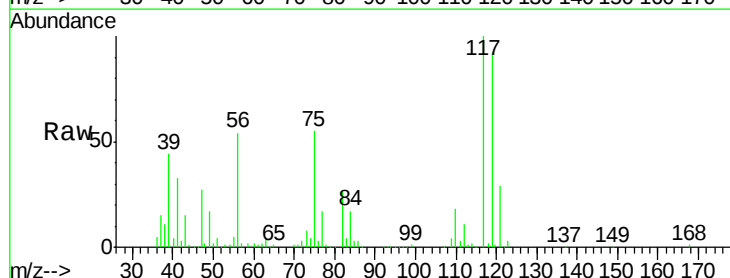
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

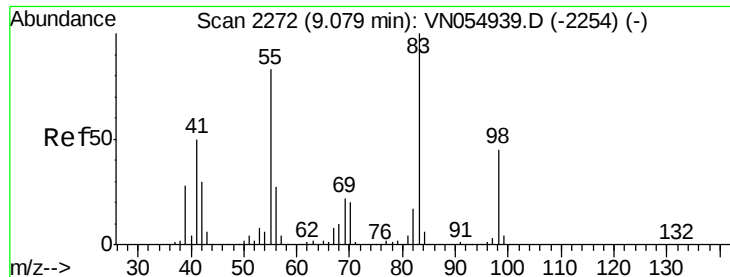
Tgt Ion: 43 Resp: 251842
Ion Ratio Lower Upper
43 100
61 12.9 10.3 15.5
70 8.7 7.0 10.4



#38
Carbon Tetrachloride
Concen: 49.527 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN054939.D
Acq: 4 Apr 2019 11:05

Tgt Ion: 117 Resp: 340587
Ion Ratio Lower Upper
117 100
119 92.0 73.6 110.4
121 29.2 23.4 35.0

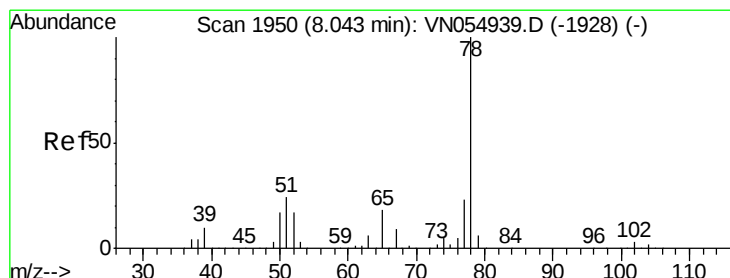
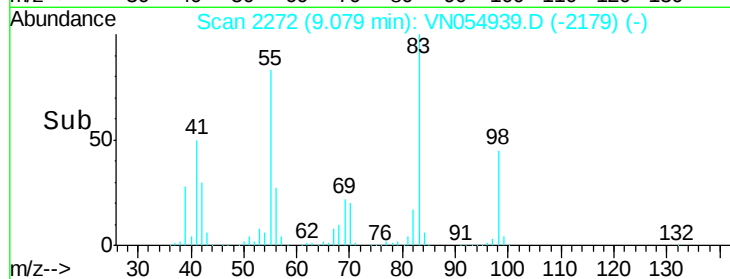
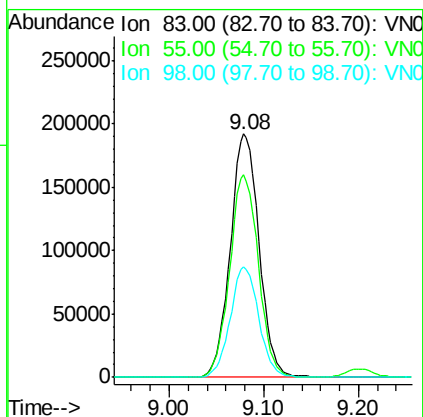
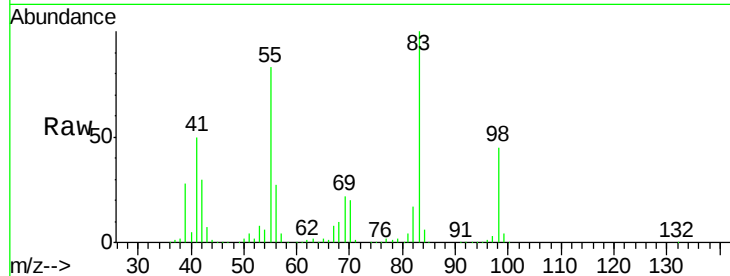




#39
Methylcyclohexane
Concen: 51.900 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN054939.D
Acq: 4 Apr 2019 11:05

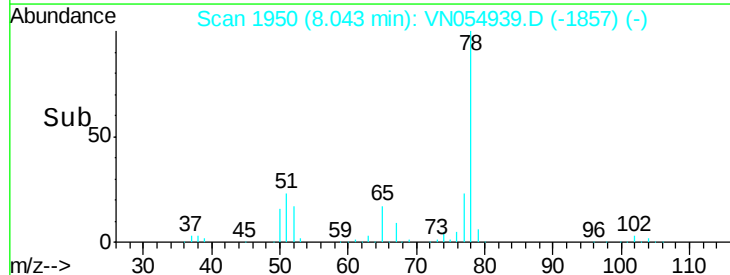
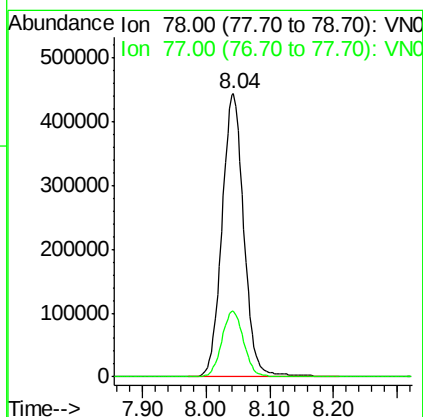
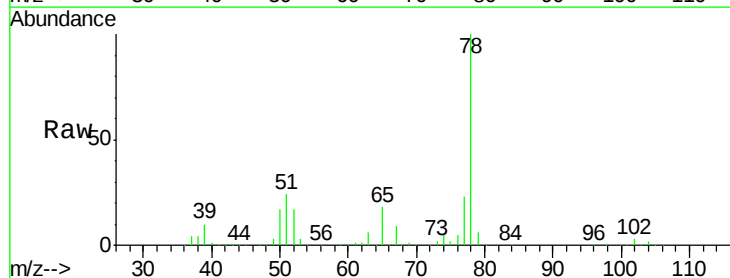
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

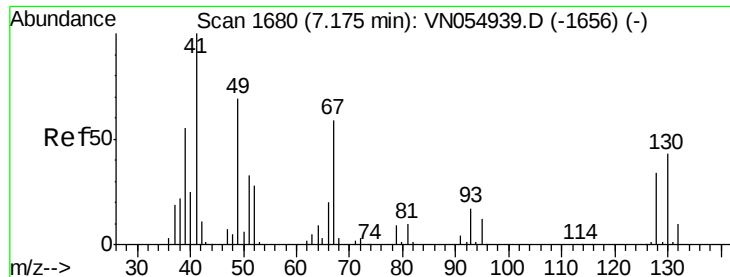
Tgt Ion: 83 Resp: 406574
Ion Ratio Lower Upper
83 100
55 83.0 66.4 99.6
98 45.5 36.4 54.6



#40
Benzene
Concen: 51.538 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN054939.D
Acq: 4 Apr 2019 11:05

Tgt Ion: 78 Resp: 1056006
Ion Ratio Lower Upper
78 100
77 23.2 18.6 27.8





#41

Methacrylonitrile

Concen: 51.176 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 41 Resp: 142996

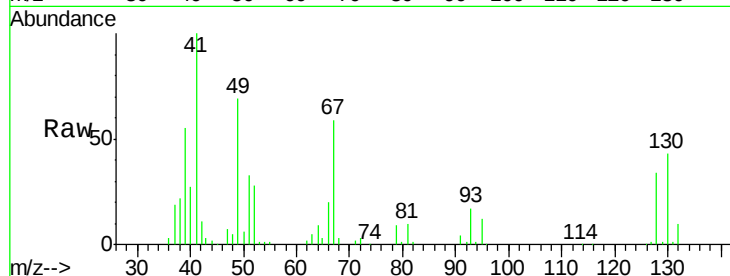
Ion Ratio Lower Upper

41 100

39 53.8 43.0 64.6

67 68.8 55.0 82.6

52 30.5 24.4 36.6

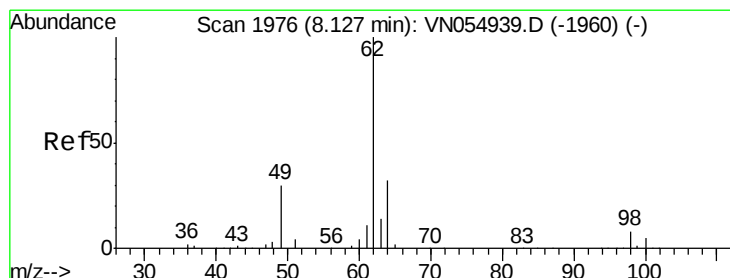
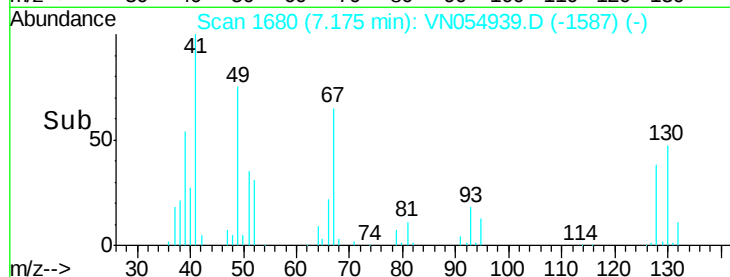
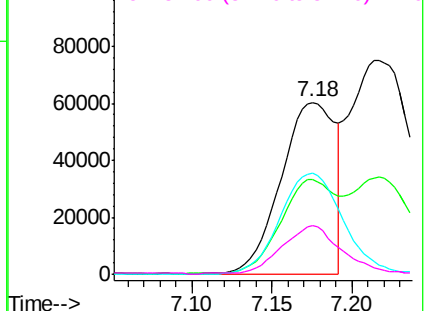


Abundance Ion 41.00 (40.70 to 41.70): VN054939.D (-1656) (-)

Ion 39.00 (38.70 to 39.70): VN054939.D (-1656) (-)

Ion 67.00 (66.70 to 67.70): VN054939.D (-1656) (-)

Ion 52.00 (51.70 to 52.70): VN054939.D (-1656) (-)



#42

1,2-Dichloroethane

Concen: 50.659 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN054939.D

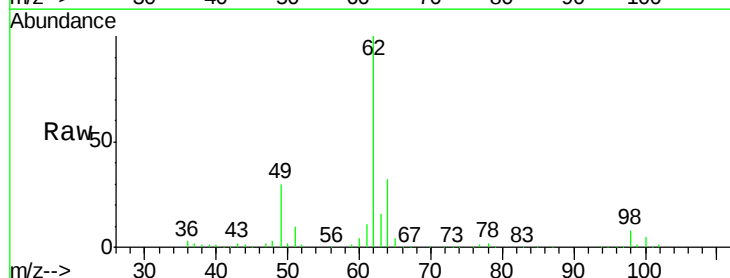
Acq: 4 Apr 2019 11:05

Tgt Ion: 62 Resp: 364752

Ion Ratio Lower Upper

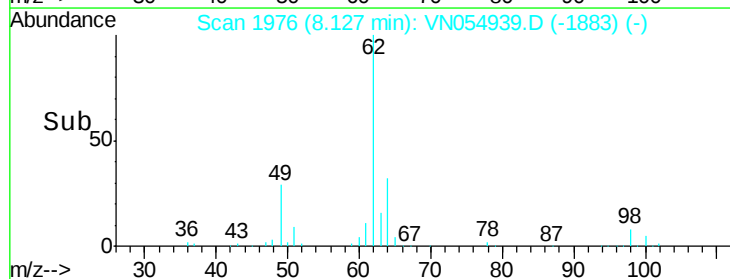
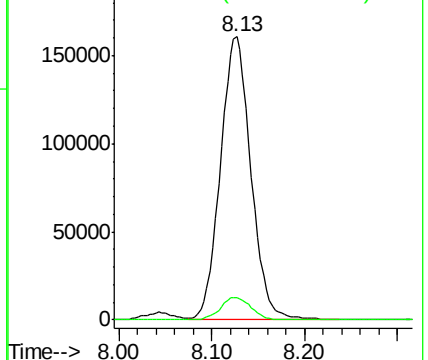
62 100

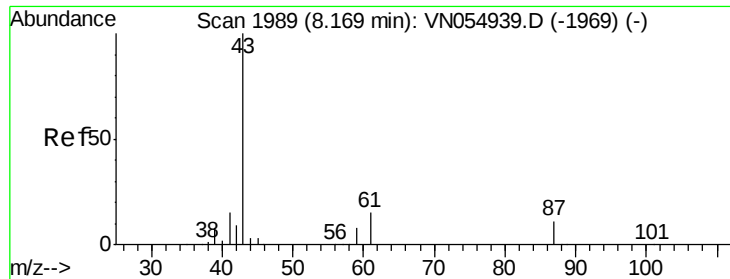
98 8.0 0.0 16.0



Abundance Ion 61.90 (61.60 to 62.60): VN054939.D (-1960) (-)

Ion 97.90 (97.60 to 98.60): VN054939.D (-1960) (-)





#43

Isopropyl Acetate

Concen: 52.027 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

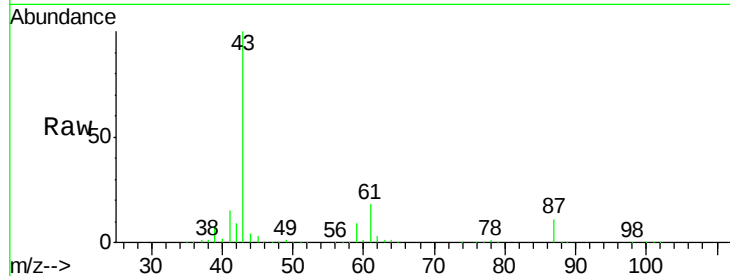
Tgt Ion: 43 Resp: 428480

Ion Ratio Lower Upper

43 100

61 18.0 14.4 21.6

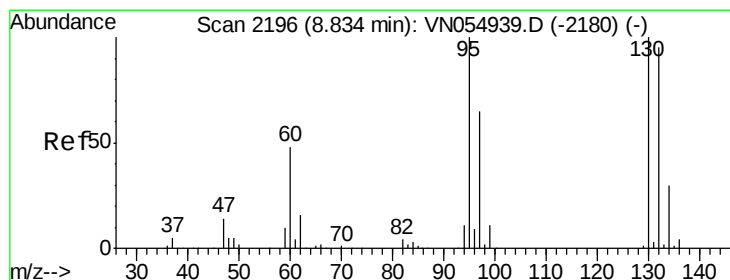
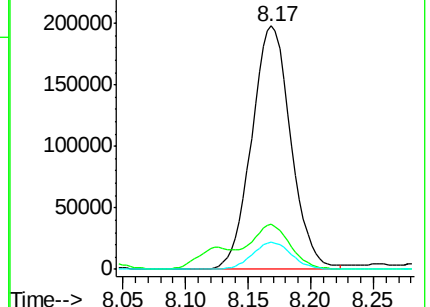
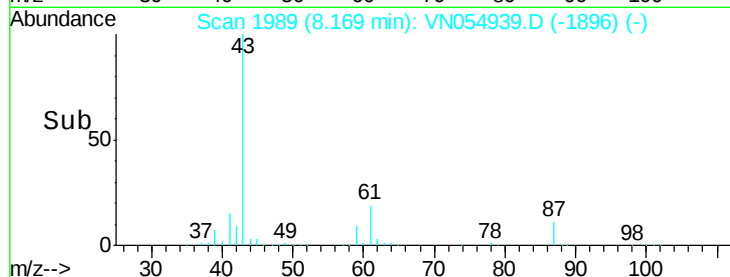
87 11.2 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VN054939.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN054939.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN054939.D (-1969) (-)



#44

Trichloroethene

Concen: 51.104 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN054939.D

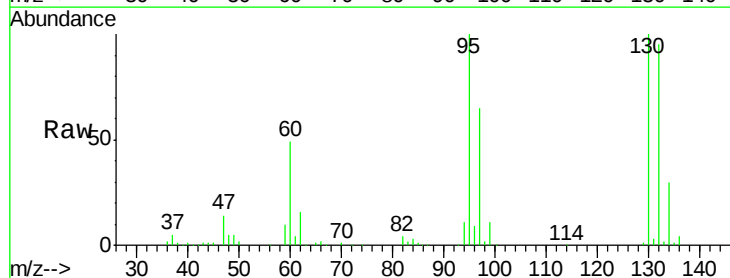
Acq: 4 Apr 2019 11:05

Tgt Ion: 130 Resp: 267739

Ion Ratio Lower Upper

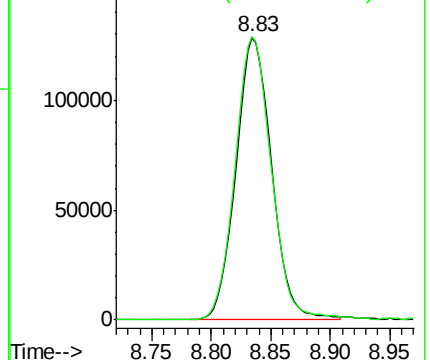
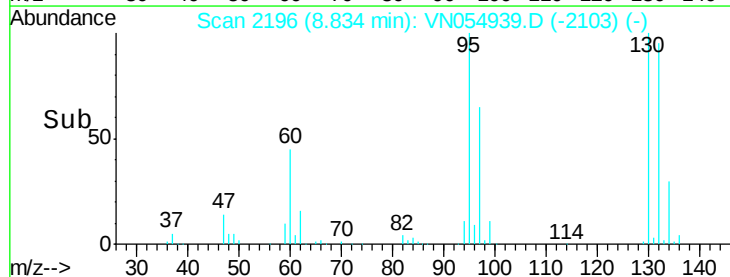
130 100

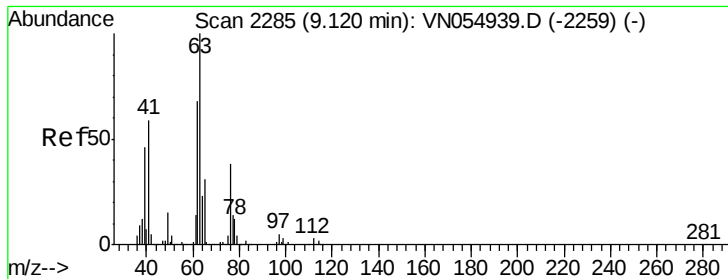
95 100.2 0.0 200.4



Abundance Ion 129.80 (129.50 to 130.50): VN054939.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN054939.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 51.337 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

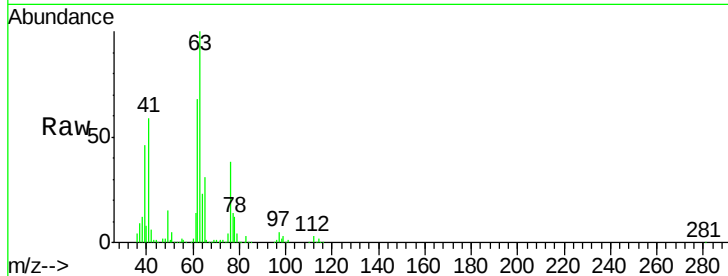
VSTDICCC050

Tgt Ion: 63 Resp: 293089

Ion Ratio Lower Upper

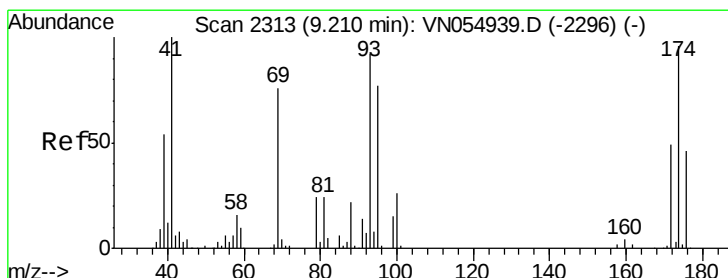
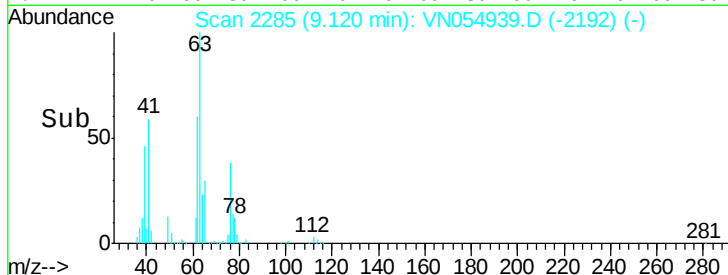
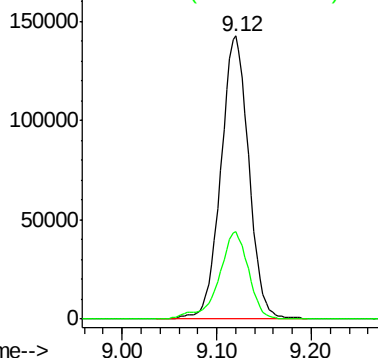
63 100

65 30.8 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 50.759 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

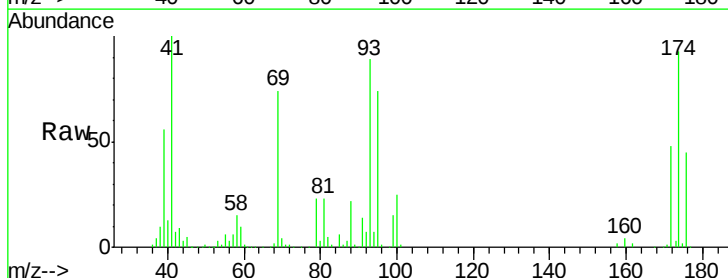
Tgt Ion: 93 Resp: 164329

Ion Ratio Lower Upper

93 100

95 83.4 66.7 100.1

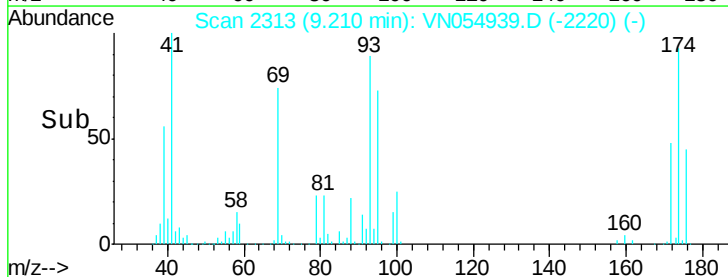
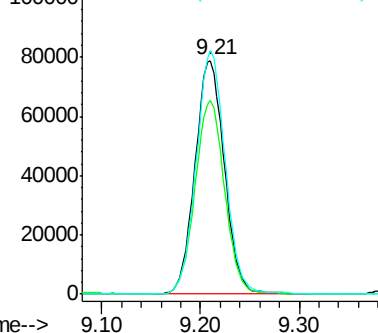
174 102.5 82.0 123.0

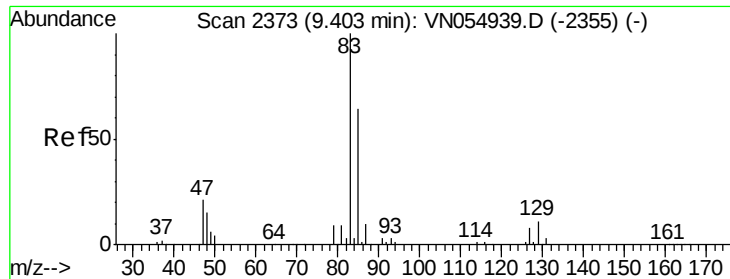


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.796 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

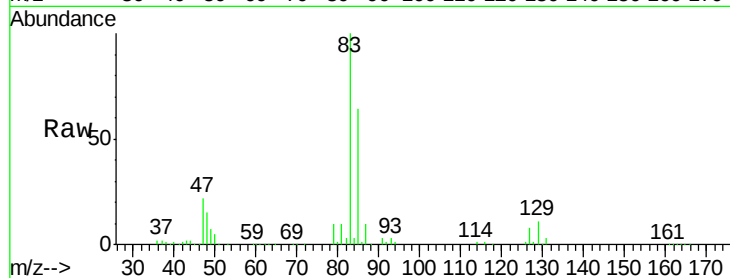
Tgt Ion: 83 Resp: 352203

Ion Ratio Lower Upper

83 100

85 63.9 51.1 76.7

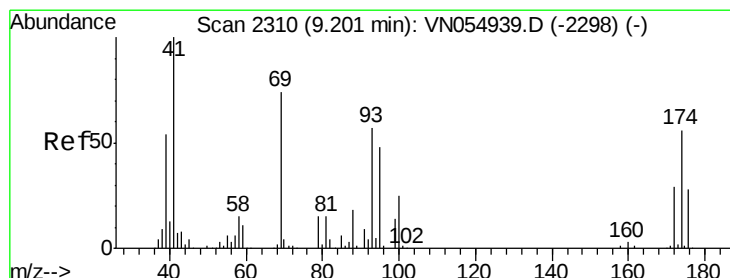
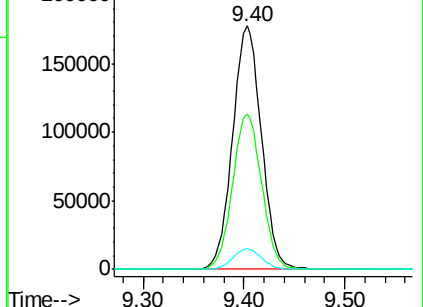
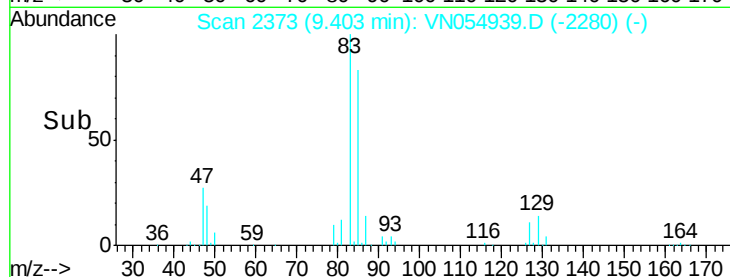
127 8.4 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN054939.D (-2355) (-)

Ion 84.90 (84.60 to 85.60): VN054939.D (-2355) (-)

Ion 126.80 (126.50 to 127.50): VN054939.D (-2355) (-)



#48

Methyl methacrylate

Concen: 52.981 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

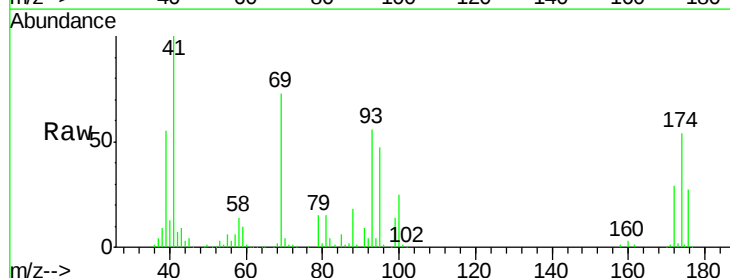
Tgt Ion: 41 Resp: 220888

Ion Ratio Lower Upper

41 100

69 73.6 58.9 88.3

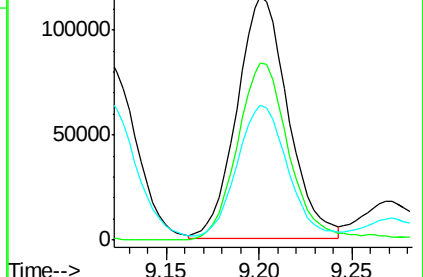
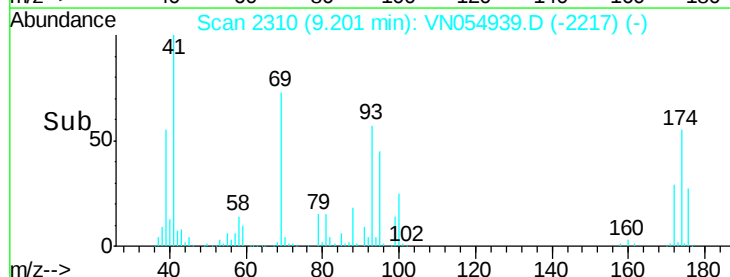
39 55.3 44.2 66.4

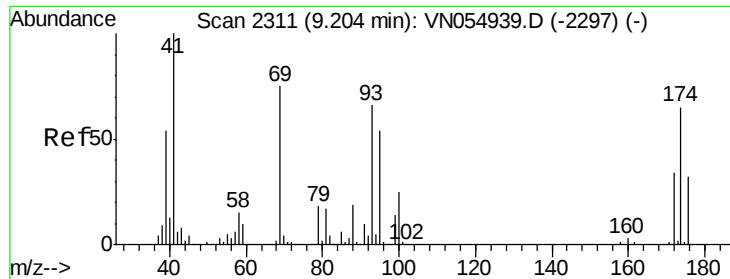


Abundance Ion 41.00 (40.70 to 41.70): VN054939.D (-2298) (-)

Ion 69.00 (68.70 to 69.70): VN054939.D (-2298) (-)

Ion 39.00 (38.70 to 39.70): VN054939.D (-2298) (-)





#49

1,4-Dioxane

Concen: 1042.632 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

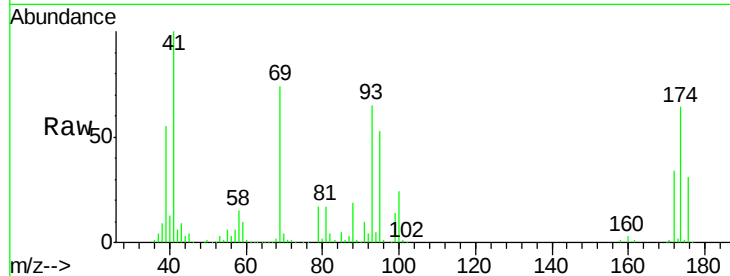
Tgt Ion: 88 Resp: 43875

Ion Ratio Lower Upper

88 100

43 39.4 31.5 47.3

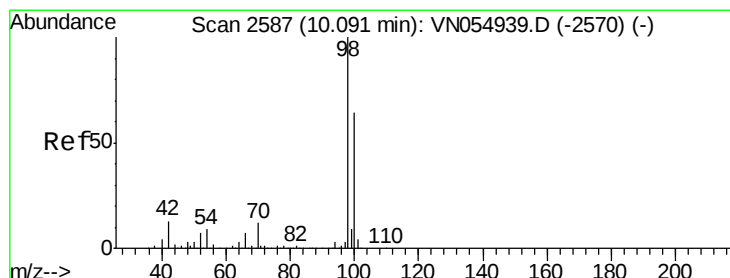
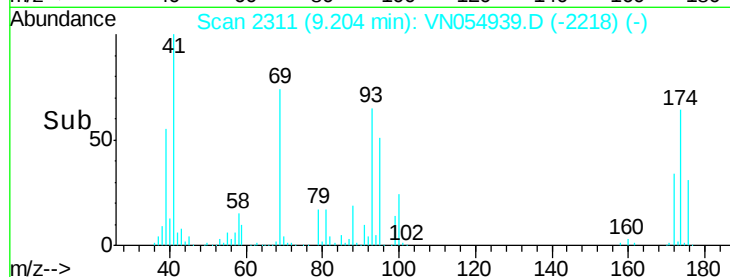
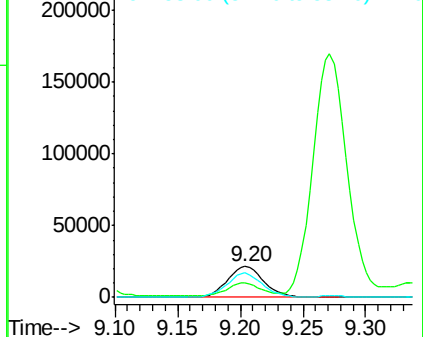
58 77.4 61.9 92.9



Abundance Ion 88.00 (87.70 to 88.70): VN054939.D (-2297) (-)

Ion 43.00 (42.70 to 43.70): VN054939.D (-2297) (-)

Ion 58.00 (57.70 to 58.70): VN054939.D (-2297) (-)



#50

Toluene-d8

Concen: 50.998 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054939.D

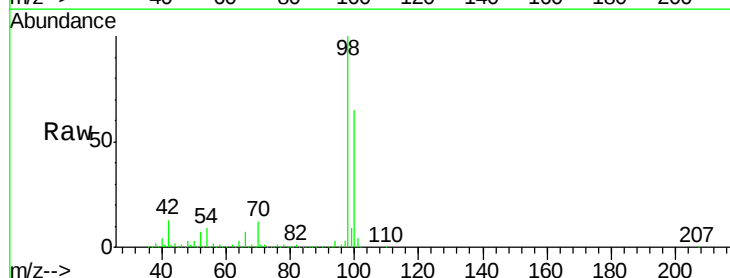
Acq: 4 Apr 2019 11:05

Tgt Ion: 98 Resp: 905254

Ion Ratio Lower Upper

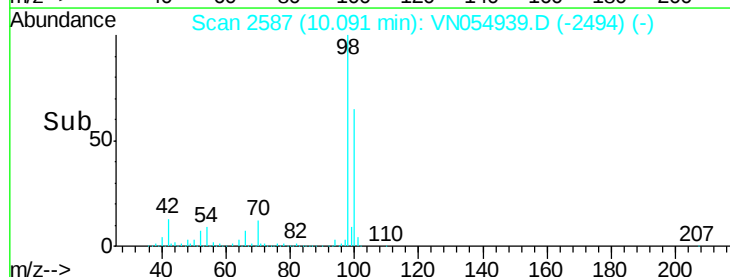
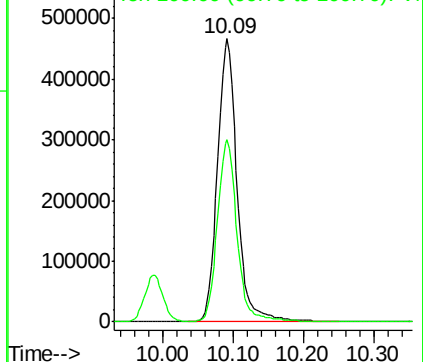
98 100

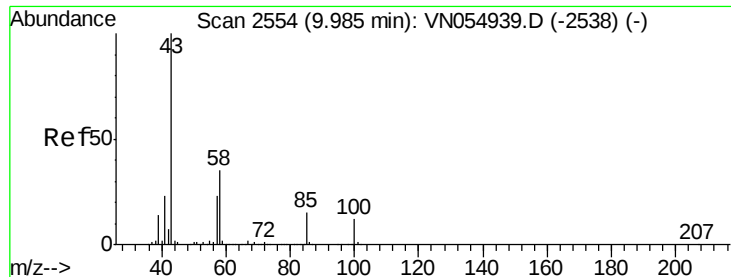
100 64.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN054939.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN054939.D (-2570) (-)

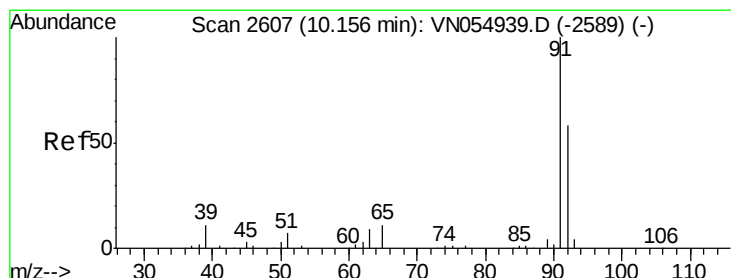
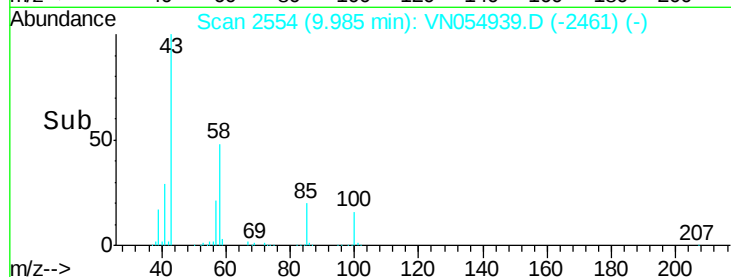
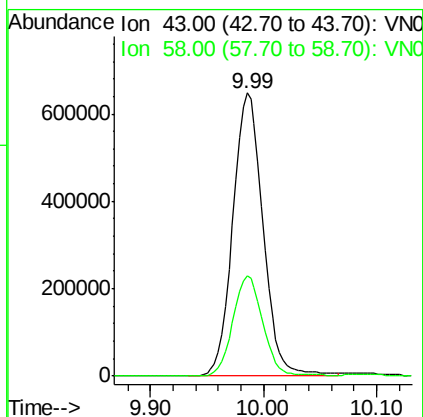
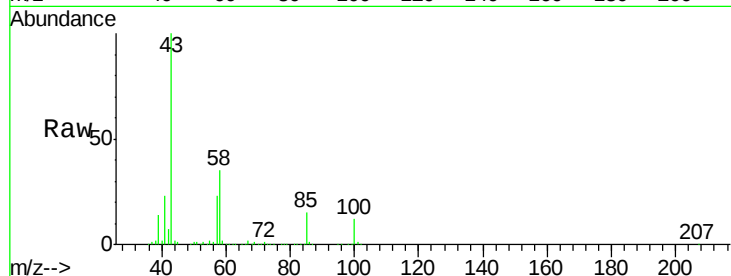




#51
 4-Methyl-2-Pentanone
 Concen: 261.880 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN054939.D
 Acq: 4 Apr 2019 11:05

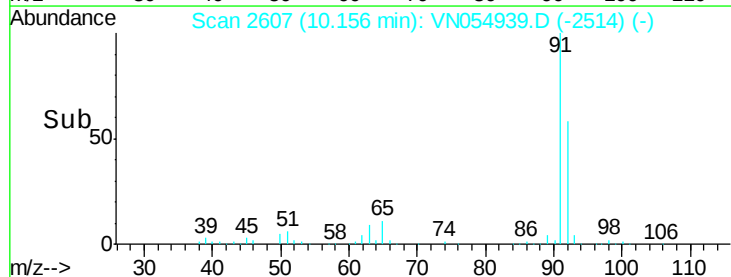
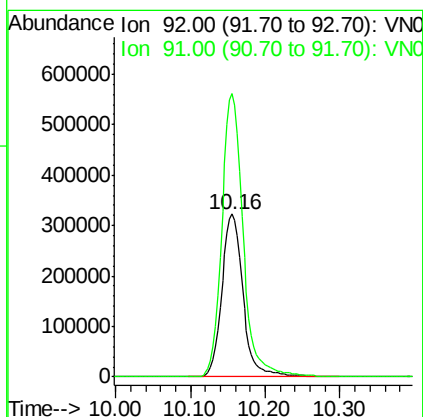
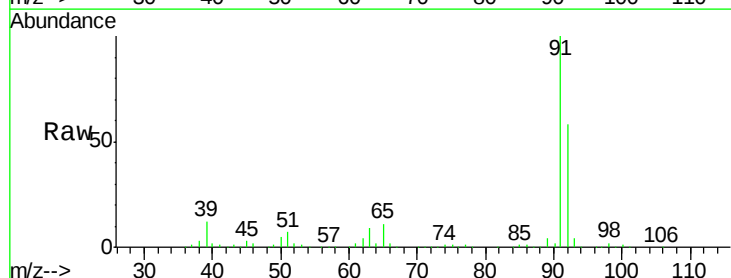
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

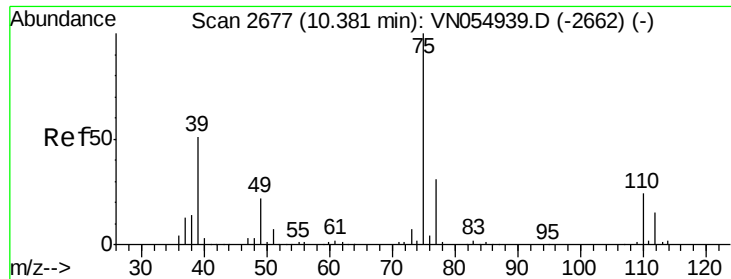
Tgt Ion: 43 Resp: 1203190
 Ion Ratio Lower Upper
 43 100
 58 35.4 28.3 42.5



#52
 Toluene
 Concen: 52.714 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN054939.D
 Acq: 4 Apr 2019 11:05

Tgt Ion: 92 Resp: 636655
 Ion Ratio Lower Upper
 92 100
 91 173.5 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 54.155 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

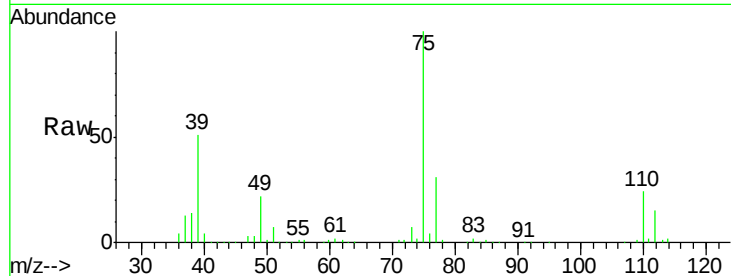
VSTDICCC050

Tgt Ion: 75 Resp: 339865

Ion Ratio Lower Upper

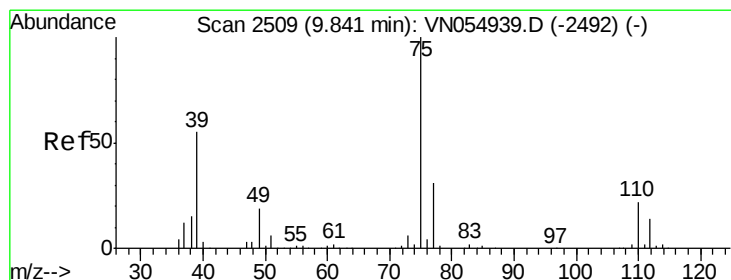
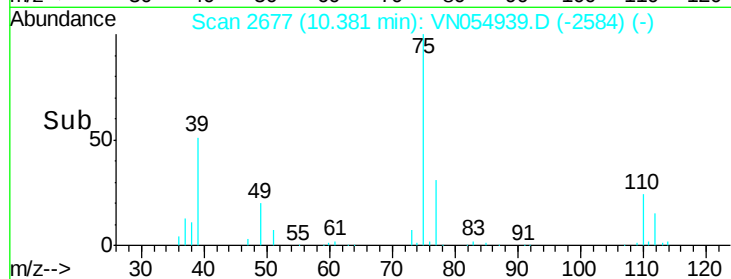
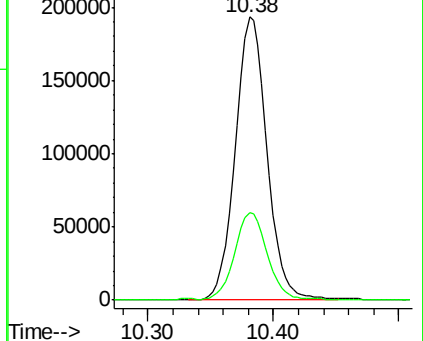
75 100

77 30.7 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: 53.581 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

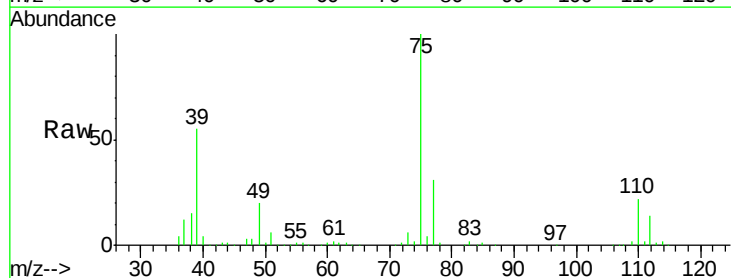
Tgt Ion: 75 Resp: 410066

Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.4

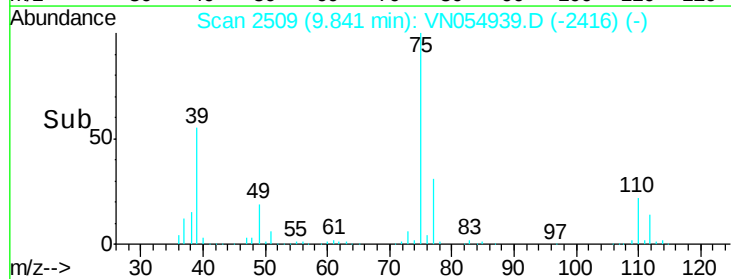
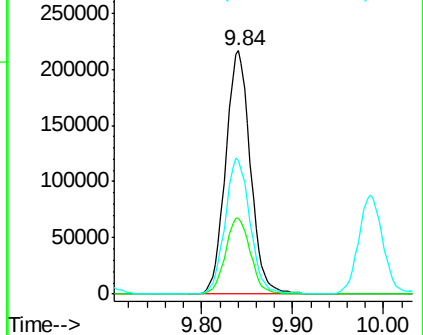
39 54.9 43.9 65.9

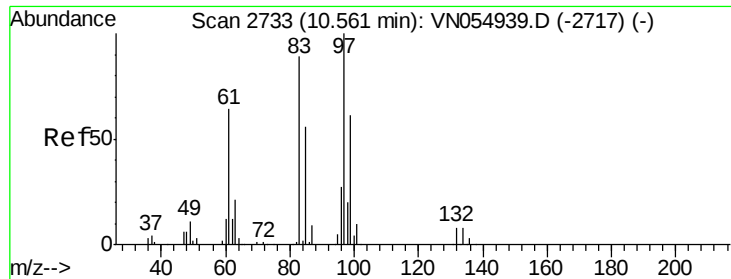


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

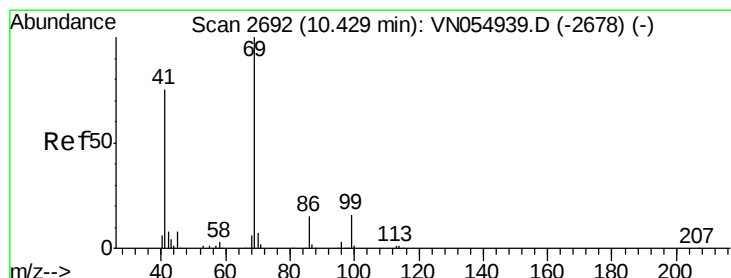
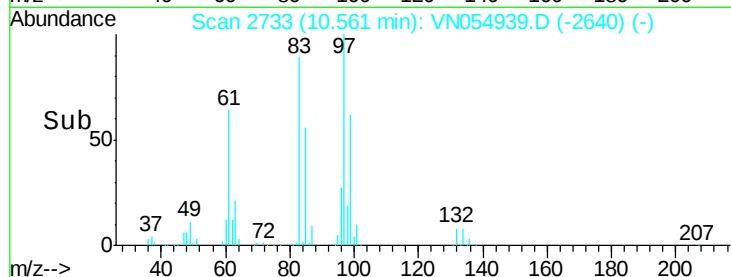
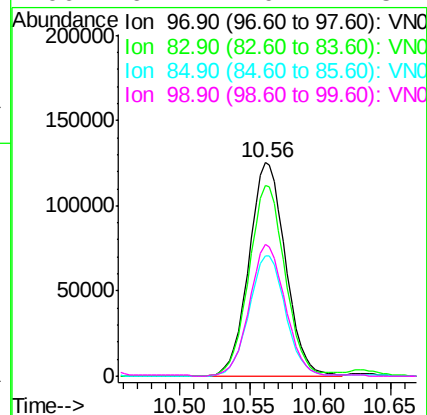
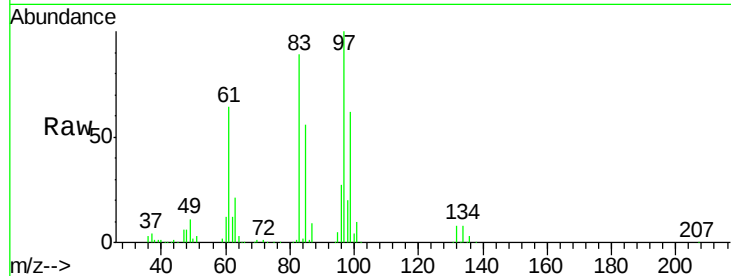




#55
 1,1,2-Trichloroethane
 Concen: 52.068 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN054939.D
 Acq: 4 Apr 2019 11:05

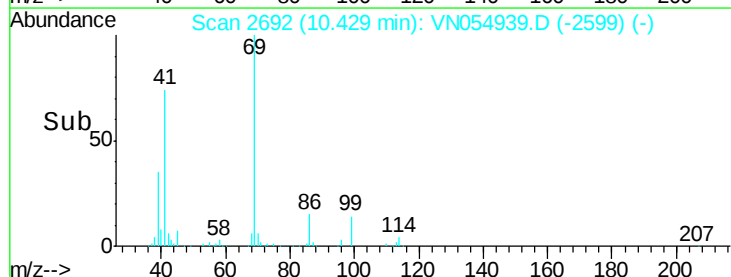
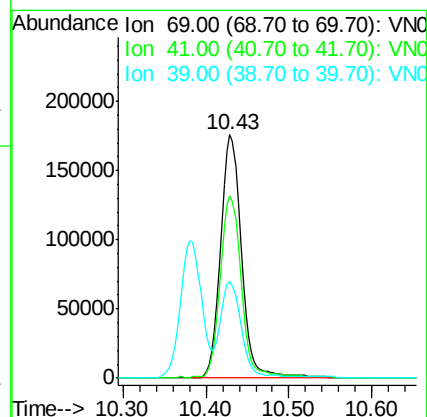
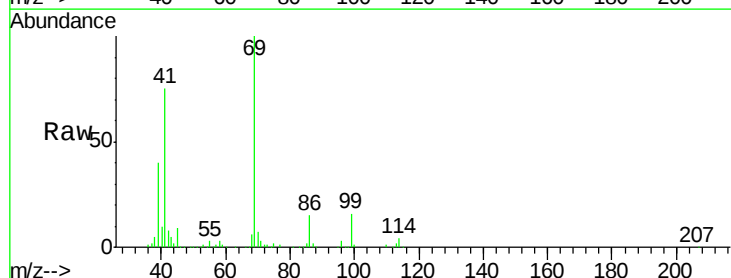
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

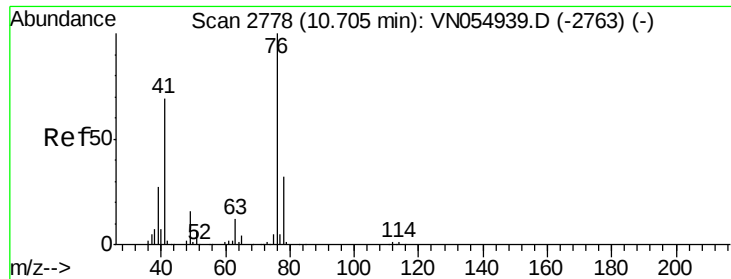
Tgt Ion: 97 Resp: 227999
 Ion Ratio Lower Upper
 97 100
 83 89.4 71.5 107.3
 85 56.3 45.0 67.6
 99 61.4 49.1 73.7



#56
 Ethyl methacrylate
 Concen: 53.830 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN054939.D
 Acq: 4 Apr 2019 11:05

Tgt Ion: 69 Resp: 308191
 Ion Ratio Lower Upper
 69 100
 41 75.2 60.2 90.2
 39 39.1 31.3 46.9

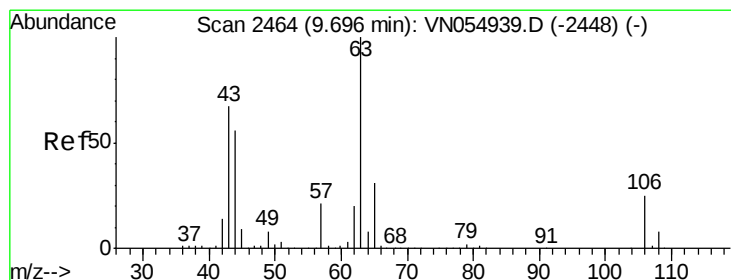
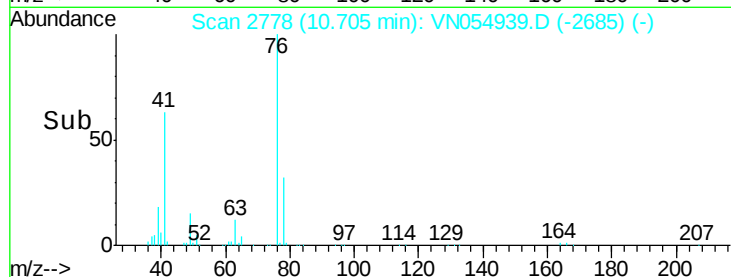
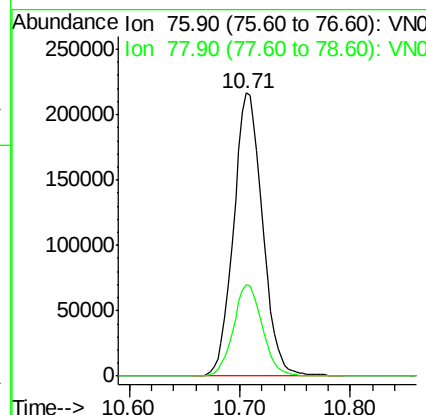
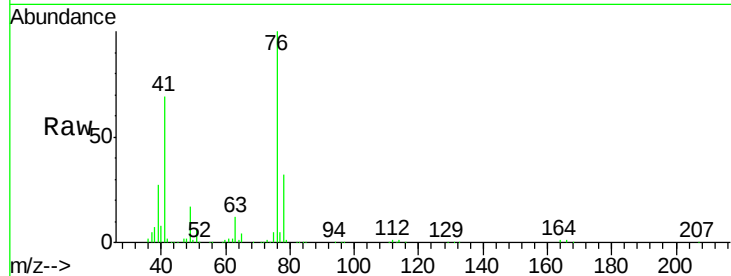




#57
 1,3-Dichloropropane
 Concen: 51.708 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN054939.D
 Acq: 4 Apr 2019 11:05

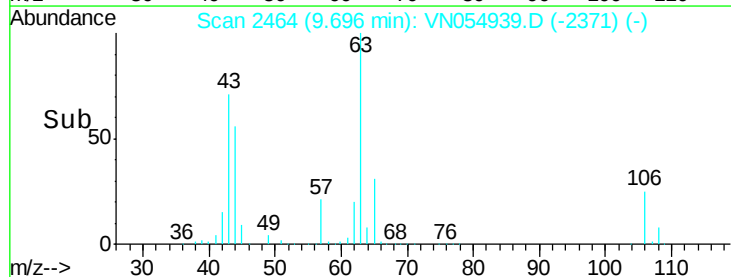
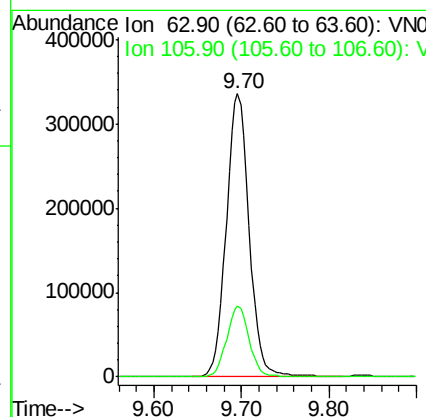
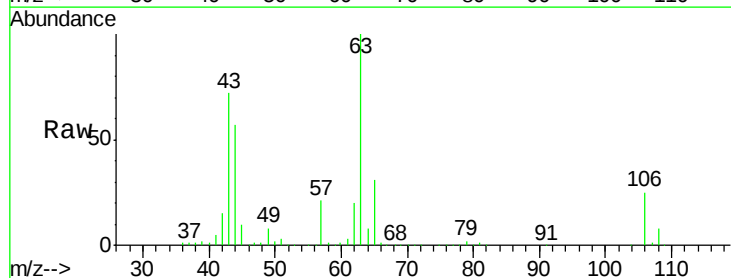
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

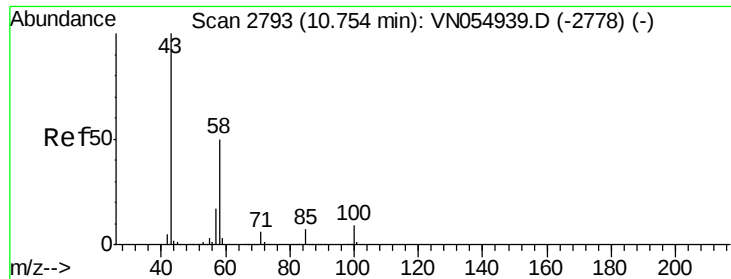
Tgt Ion: 76 Resp: 395440
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 269.157 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN054939.D
 Acq: 4 Apr 2019 11:05

Tgt Ion: 63 Resp: 608890
 Ion Ratio Lower Upper
 63 100
 106 24.6 19.7 29.5

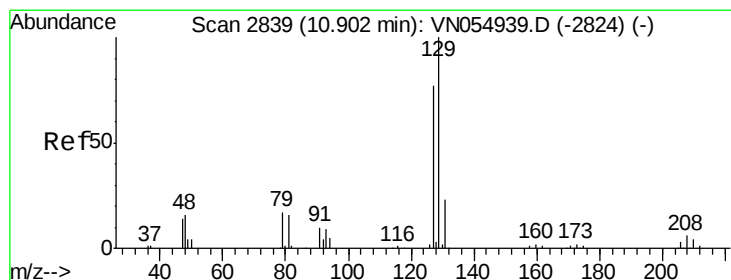
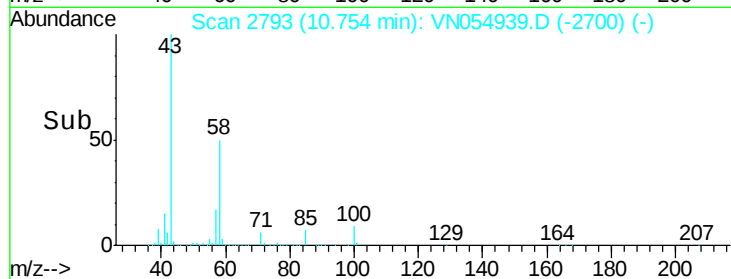
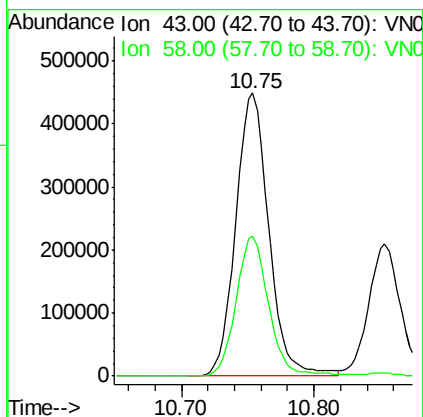
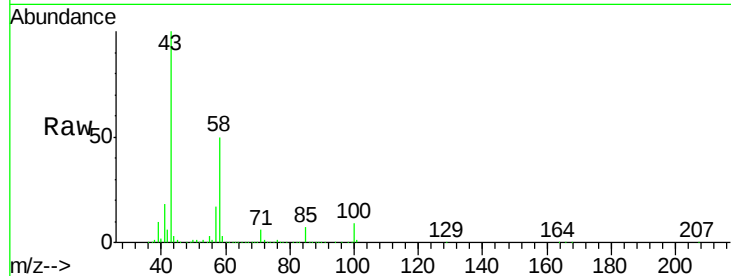




#59
2-Hexanone
Concen: 269.701 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN054939.D
Acq: 4 Apr 2019 11:05

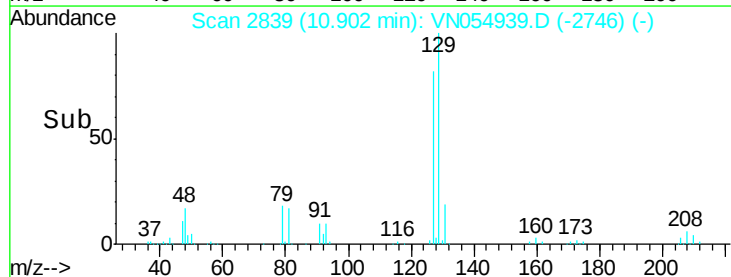
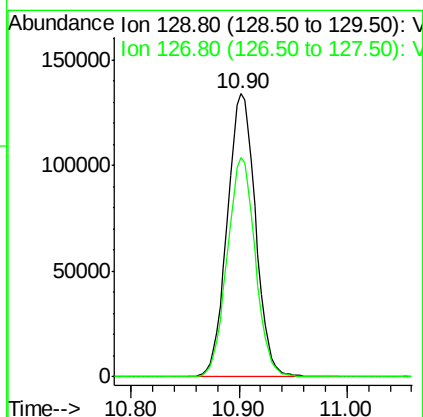
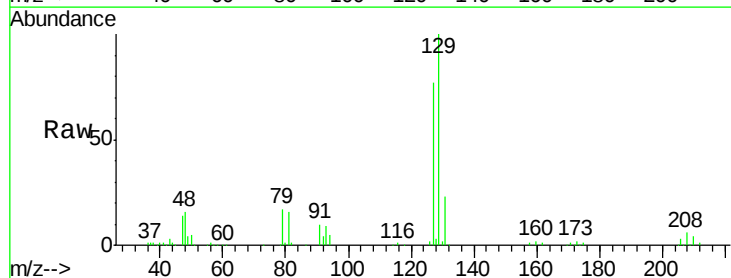
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

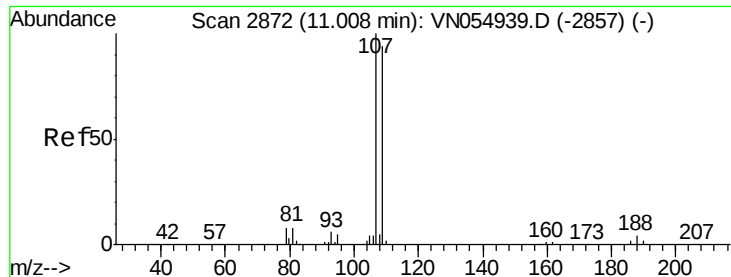
Tgt Ion: 43 Resp: 773974
Ion Ratio Lower Upper
43 100
58 49.2 24.6 73.8



#60
Dibromochloromethane
Concen: 53.496 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN054939.D
Acq: 4 Apr 2019 11:05

Tgt Ion: 129 Resp: 245366
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2

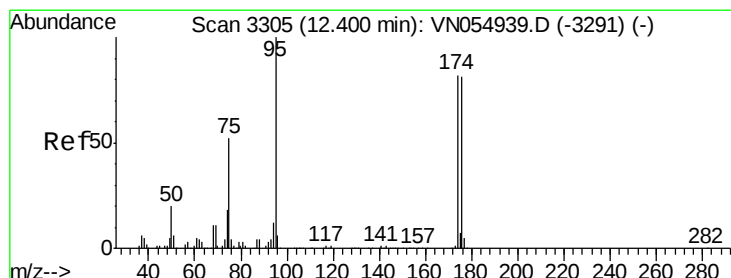
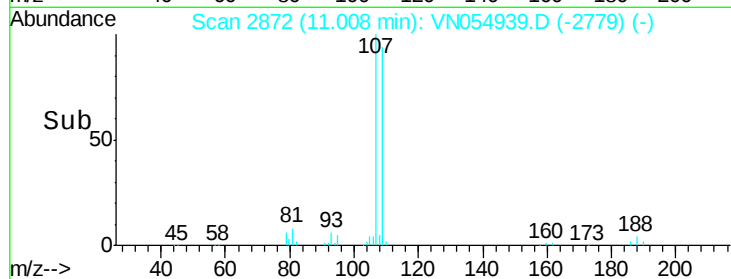
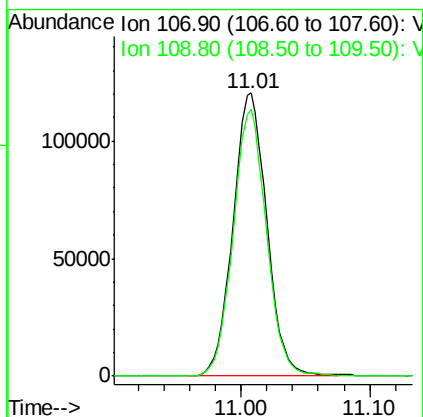
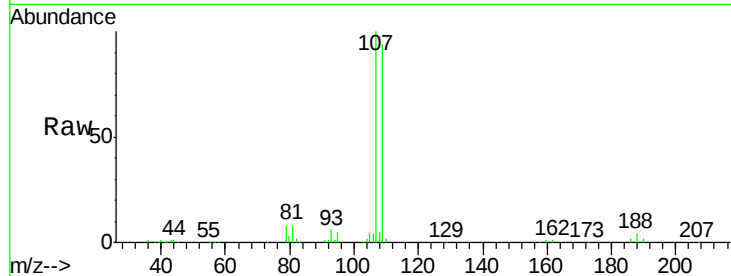




#61
 1,2-Dibromoethane
 Concen: 53.163 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN054939.D
 Acq: 4 Apr 2019 11:05

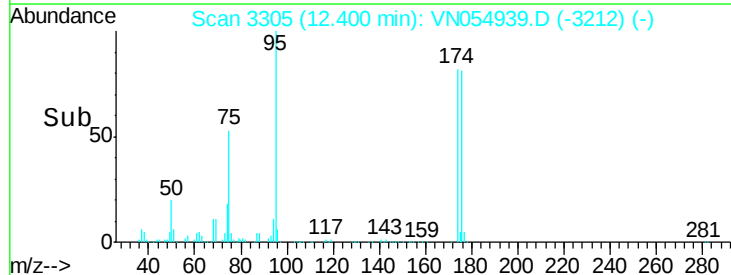
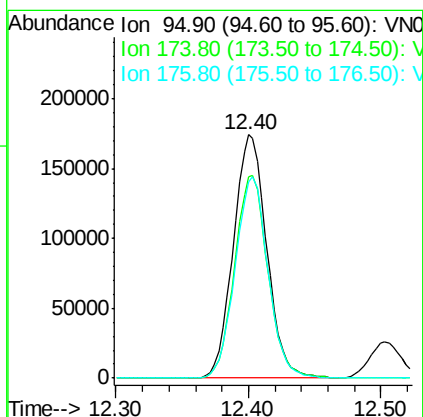
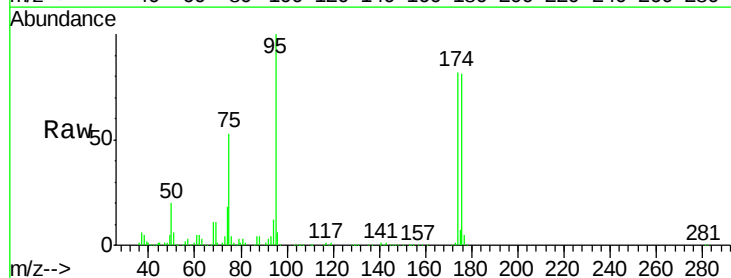
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

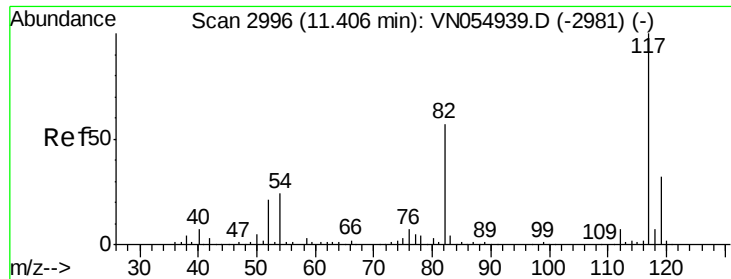
Tgt Ion: 107 Resp: 218884
 Ion Ratio Lower Upper
 107 100
 109 93.3 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 51.408 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN054939.D
 Acq: 4 Apr 2019 11:05

Tgt Ion: 95 Resp: 304534
 Ion Ratio Lower Upper
 95 100
 174 83.1 0.0 166.2
 176 81.6 0.0 163.2

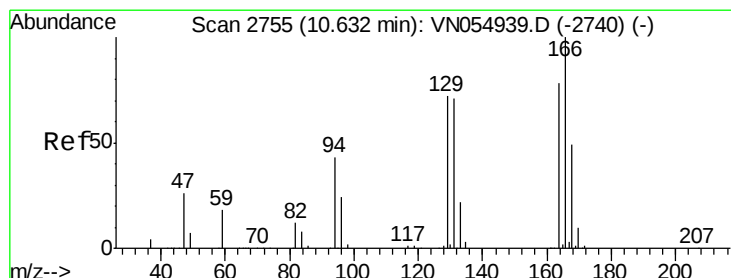
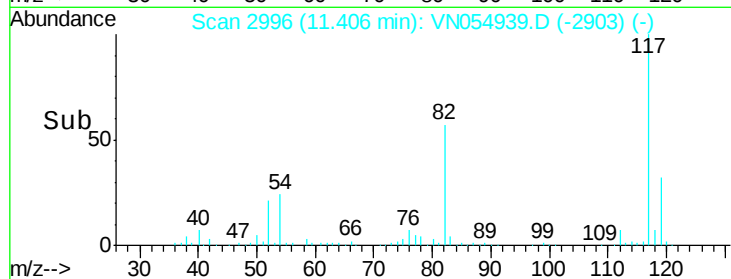
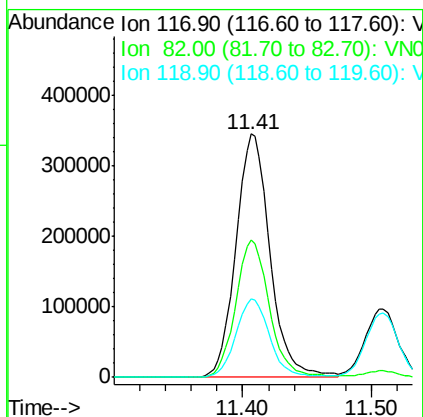
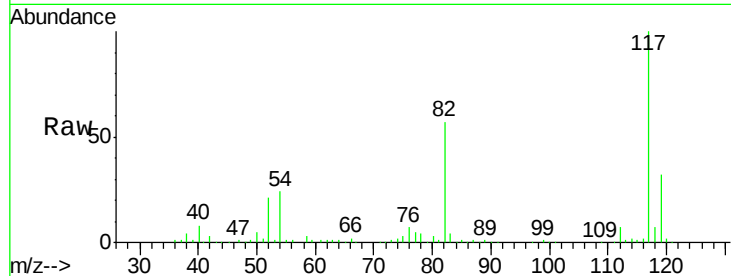




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054939.D
Acq: 4 Apr 2019 11:05

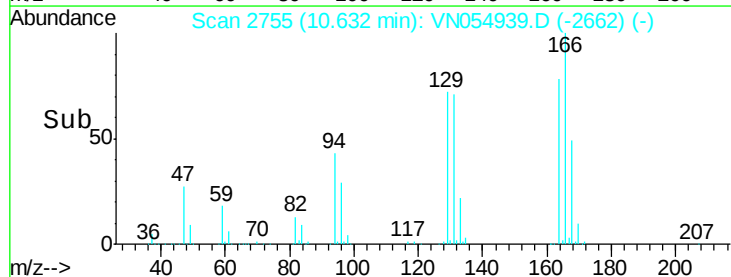
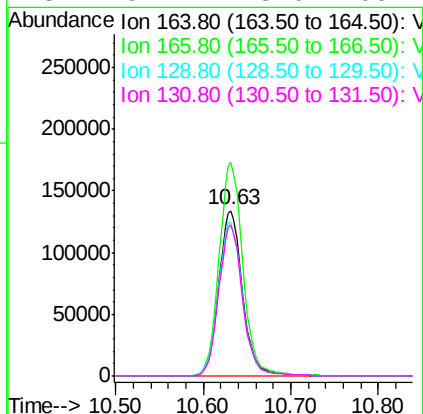
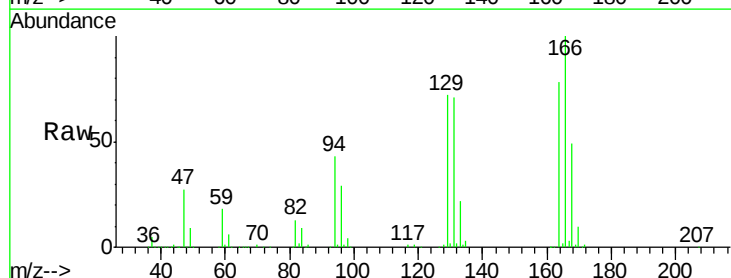
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

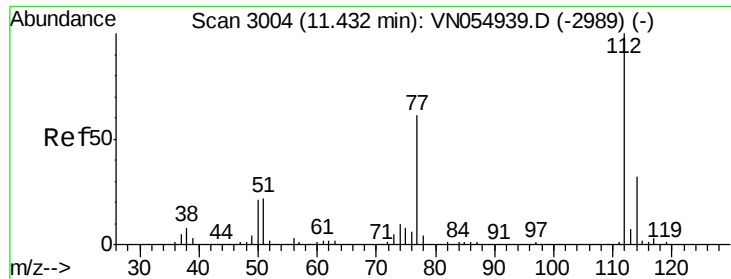
Tgt Ion:117 Resp: 633761
Ion Ratio Lower Upper
117 100
82 56.6 45.3 67.9
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 49.391 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN054939.D
Acq: 4 Apr 2019 11:05

Tgt Ion:164 Resp: 252454
Ion Ratio Lower Upper
164 100
166 128.9 103.1 154.7
129 92.4 73.9 110.9
131 91.2 73.0 109.4

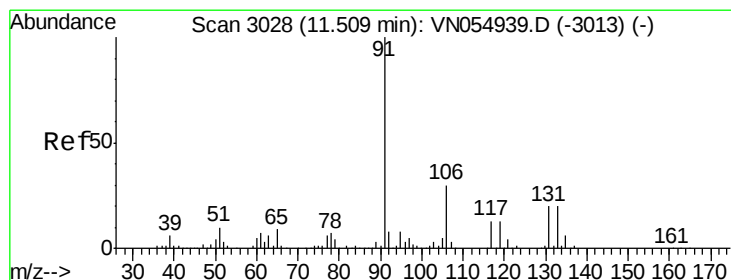
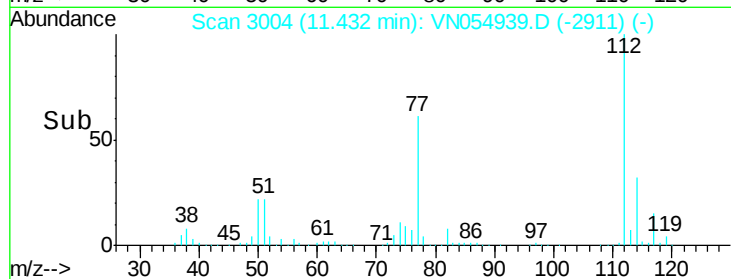
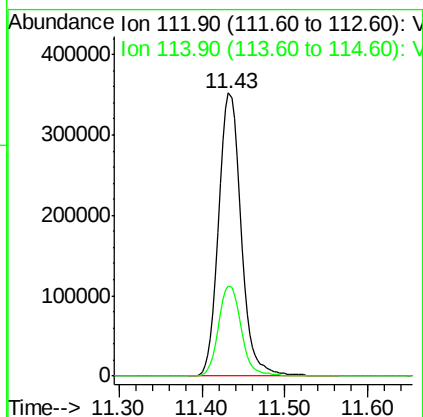
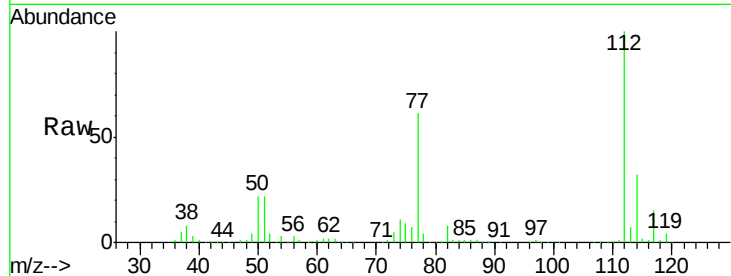




#65
Chlorobenzene
Concen: 51.258 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN054939.D
Acq: 4 Apr 2019 11:05

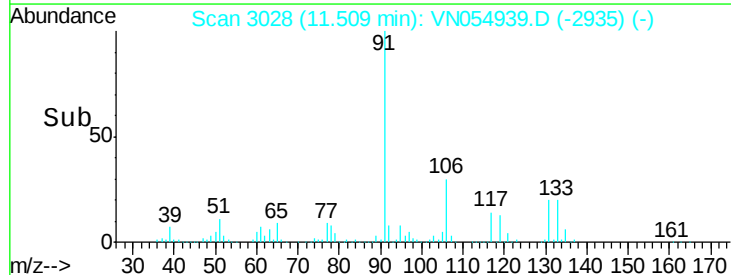
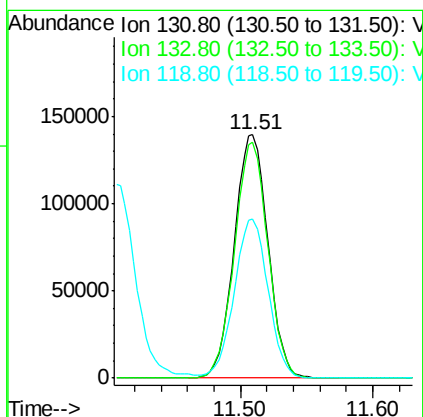
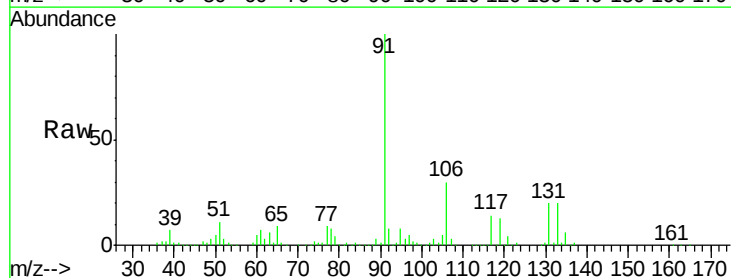
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

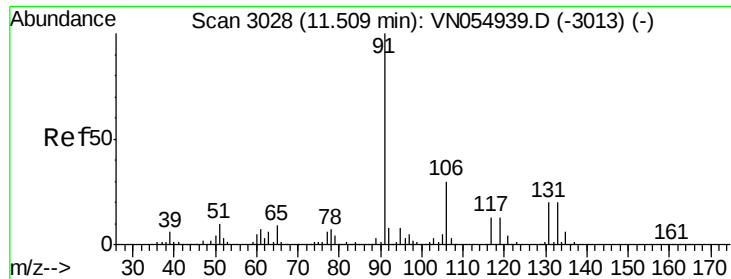
Tgt Ion:112 Resp: 662148
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.963 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054939.D
Acq: 4 Apr 2019 11:05

Tgt Ion:131 Resp: 245767
Ion Ratio Lower Upper
131 100
133 96.3 48.1 144.4
119 66.1 33.1 99.2

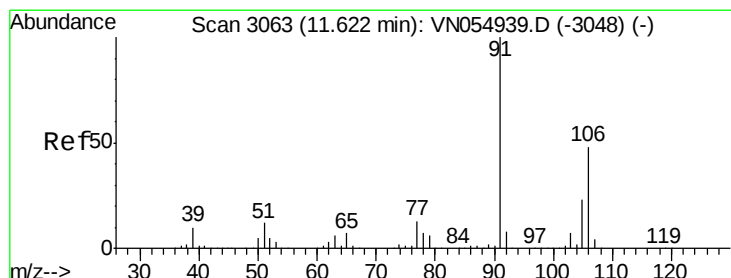
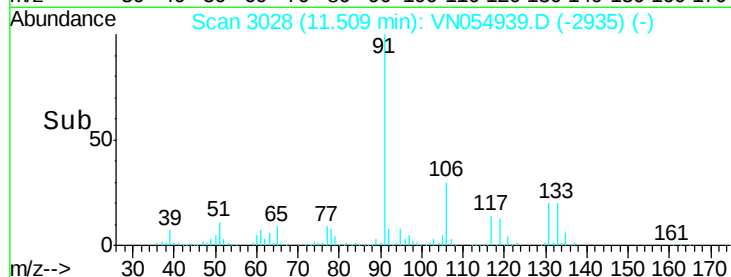
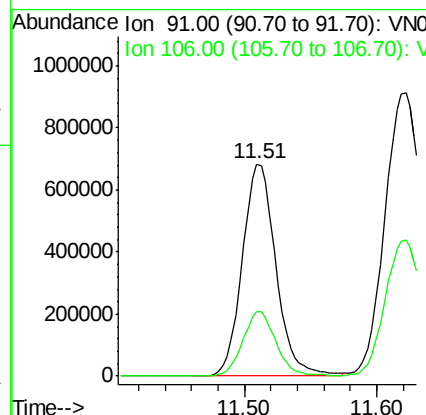
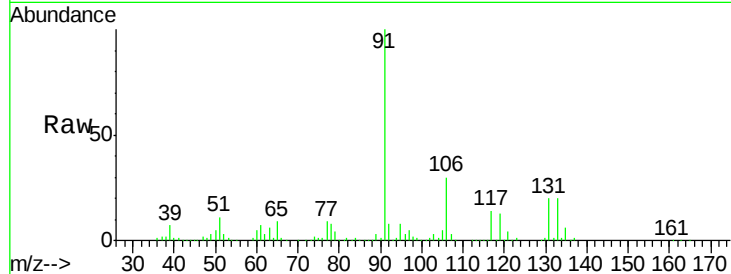




#67
Ethyl Benzene
Concen: 51.789 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054939.D
Acq: 4 Apr 2019 11:05

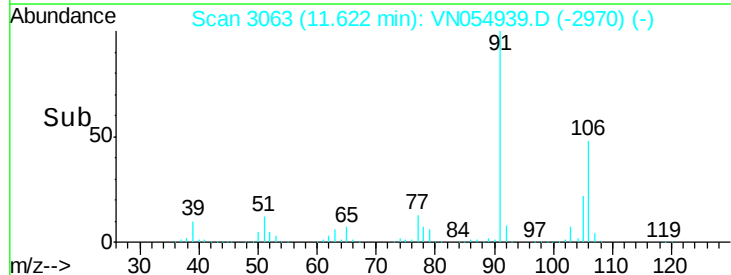
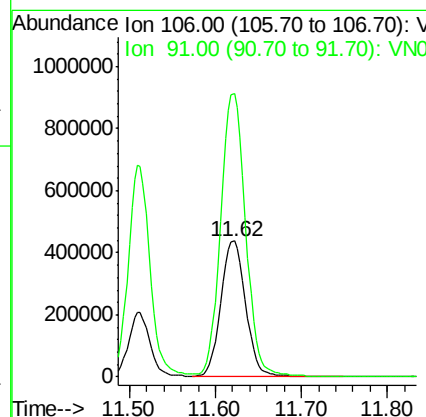
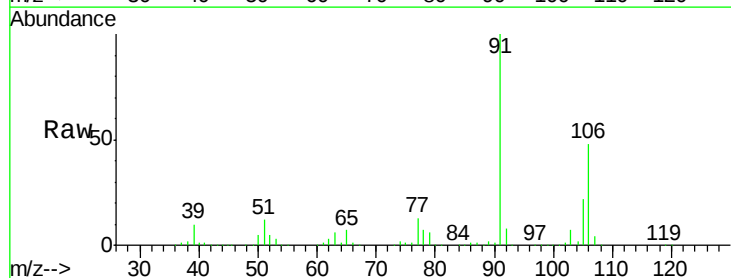
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

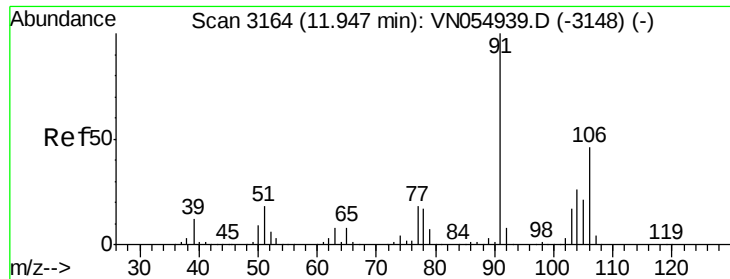
Tgt Ion: 91 Resp: 1206251
Ion Ratio Lower Upper
91 100
106 30.1 24.1 36.1



#68
m/p-Xylenes
Concen: 104.040 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN054939.D
Acq: 4 Apr 2019 11:05

Tgt Ion: 106 Resp: 885844
Ion Ratio Lower Upper
106 100
91 209.3 167.4 251.2

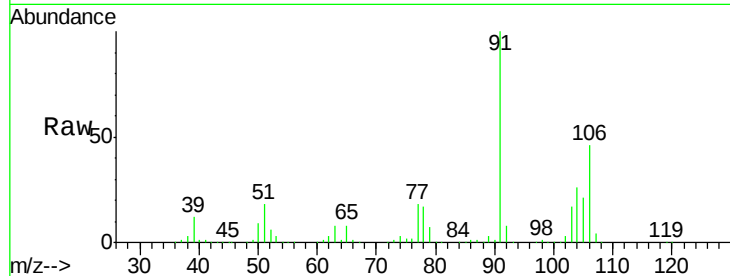




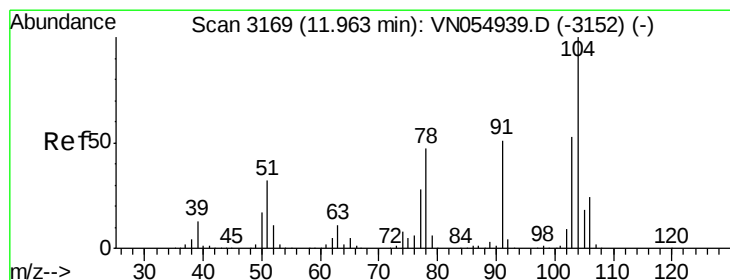
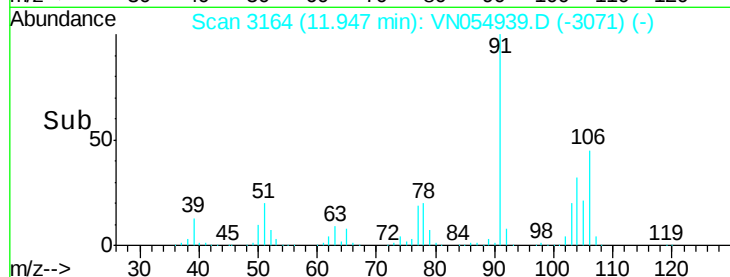
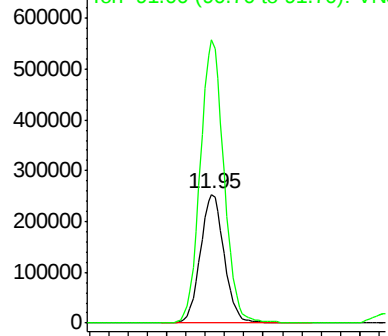
#69
o-Xylene
Concen: 52.154 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054939.D
Acq: 4 Apr 2019 11:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 433142
Ion Ratio Lower Upper
106 100
91 219.8 109.9 329.7

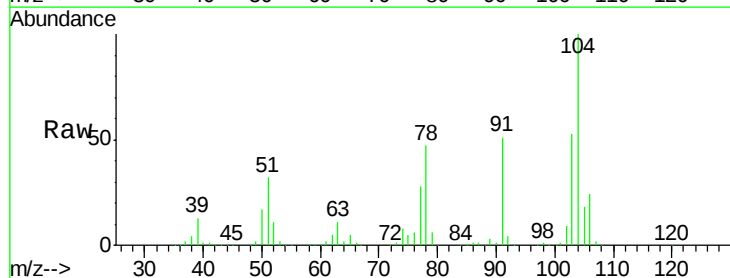


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

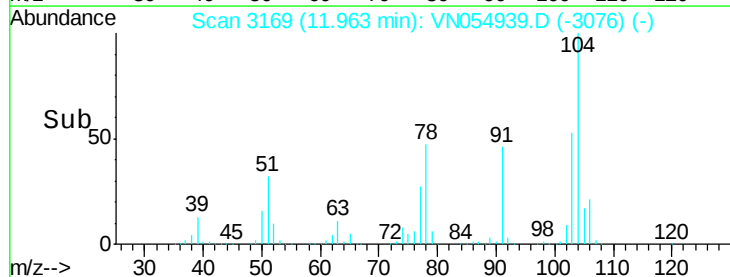
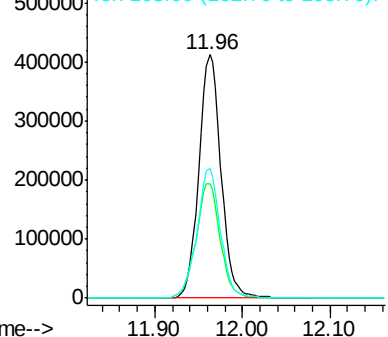


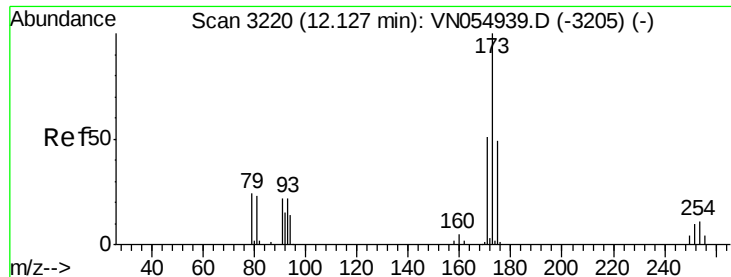
#70
Styrene
Concen: 54.453 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054939.D
Acq: 4 Apr 2019 11:05

Tgt Ion:104 Resp: 725387
Ion Ratio Lower Upper
104 100
78 51.4 41.1 61.7
103 56.2 45.0 67.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 52.901 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

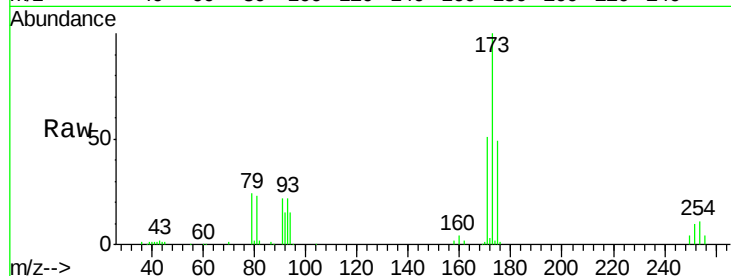
Tgt Ion:173 Resp: 150390

Ion Ratio Lower Upper

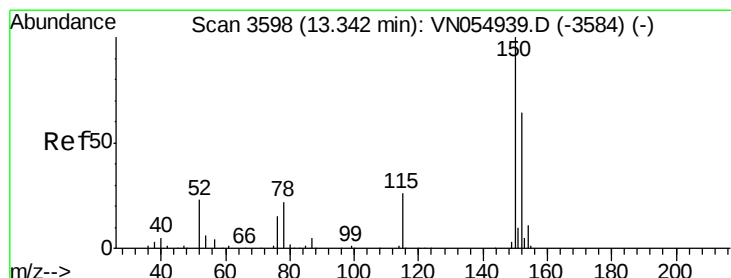
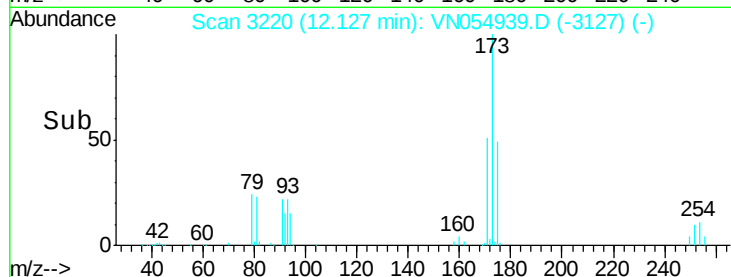
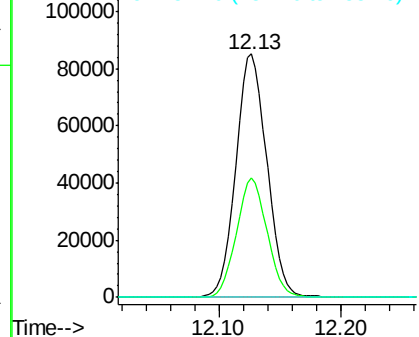
173 100

175 48.3 24.1 72.4

254 0.0 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: VN054939.D

Acq: 4 Apr 2019 11:05

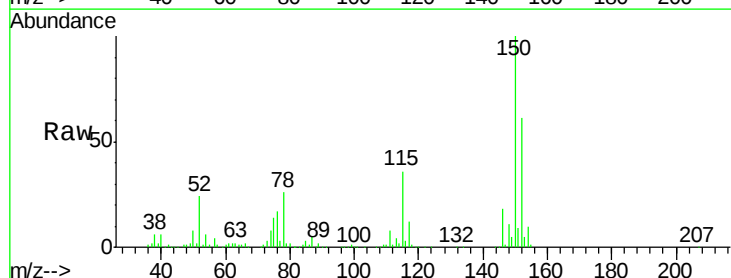
Tgt Ion:152 Resp: 282428

Ion Ratio Lower Upper

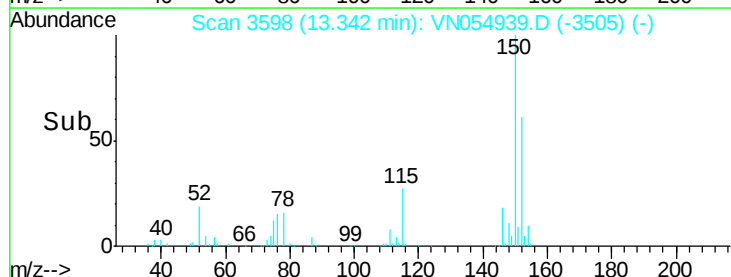
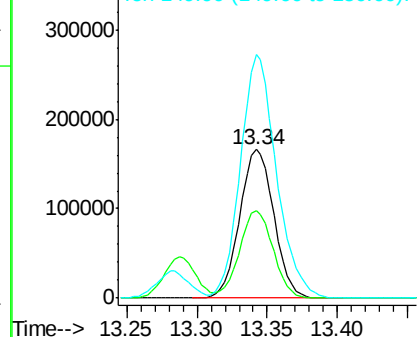
152 100

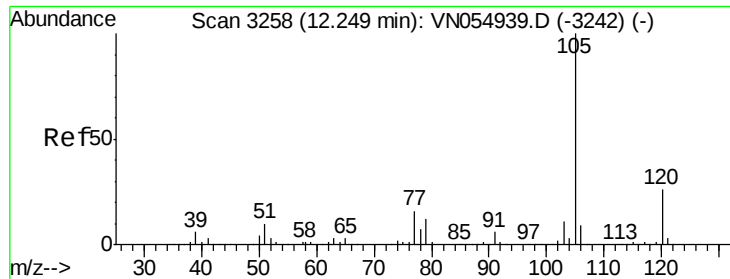
115 57.9 28.9 86.8

150 172.7 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: 48.802 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

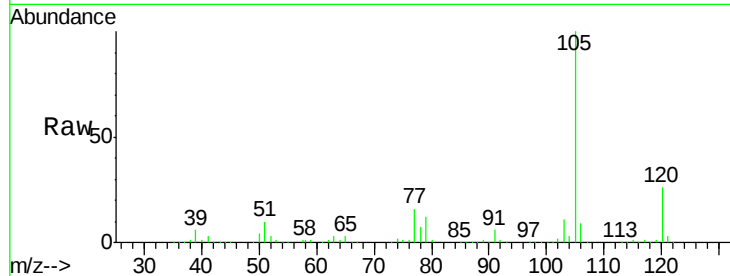
VSTDICCC050

Tgt Ion:105 Resp: 1164316

Ion Ratio Lower Upper

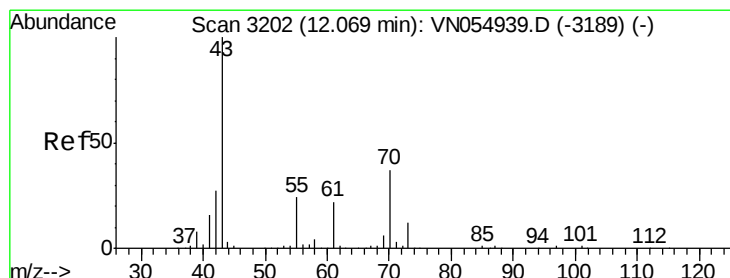
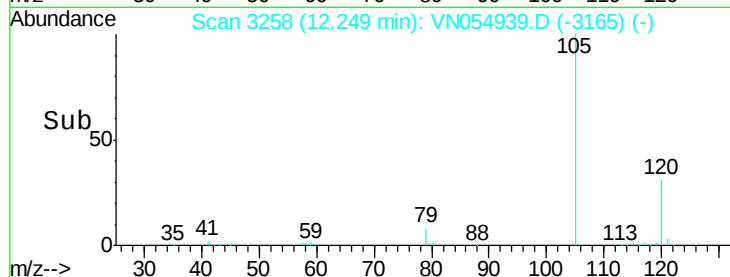
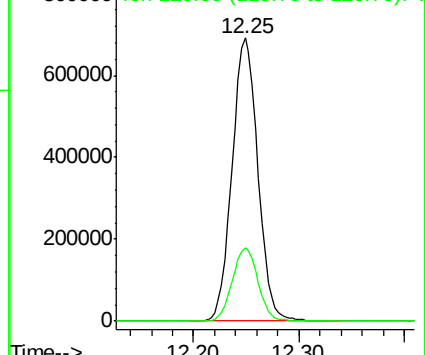
105 100

120 26.0 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: 53.767 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

Tgt Ion: 43 Resp: 356557

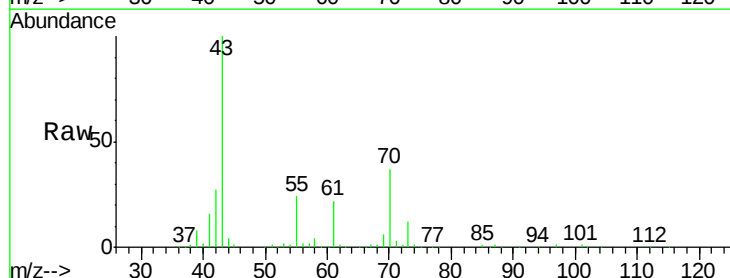
Ion Ratio Lower Upper

43 100

70 36.6 29.3 43.9

55 24.0 19.2 28.8

61 21.8 17.4 26.2

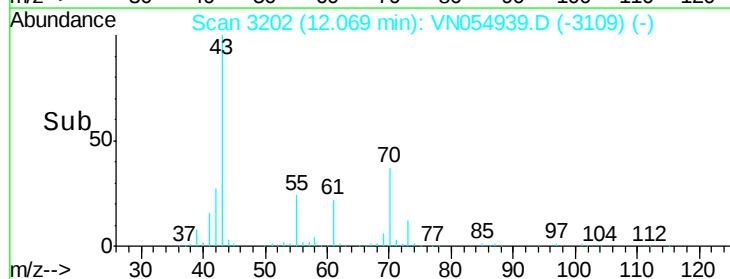
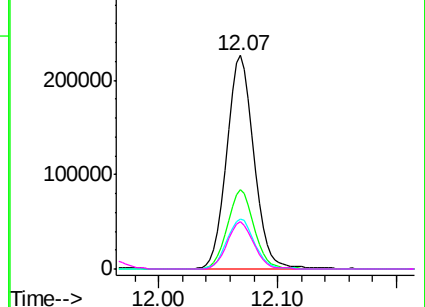


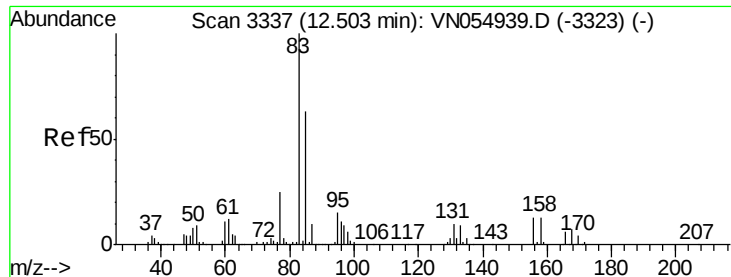
Abundance Ion 43.00 (42.70 to 43.70): V

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: 47.394 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

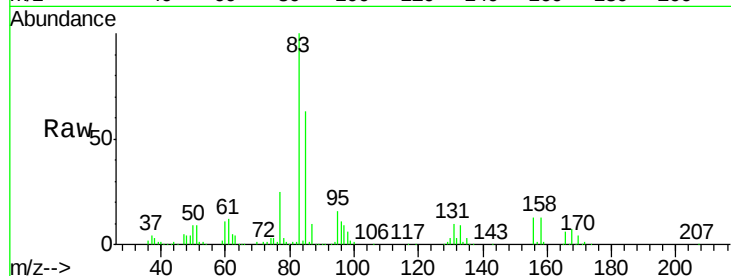
Tgt Ion: 83 Resp: 277742

Ion Ratio Lower Upper

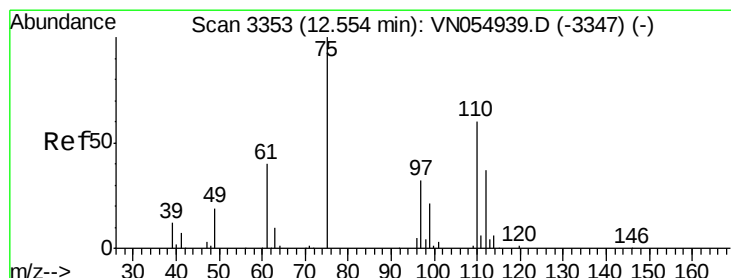
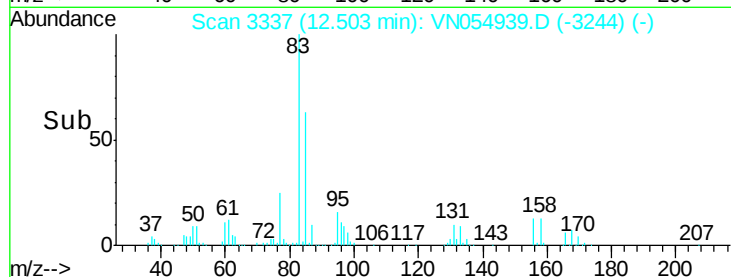
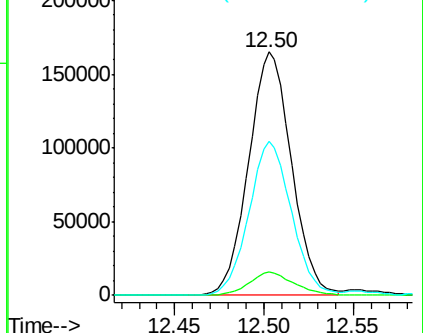
83 100

131 10.0 5.0 15.0

85 62.7 31.4 94.0



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 71.493 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054939.D

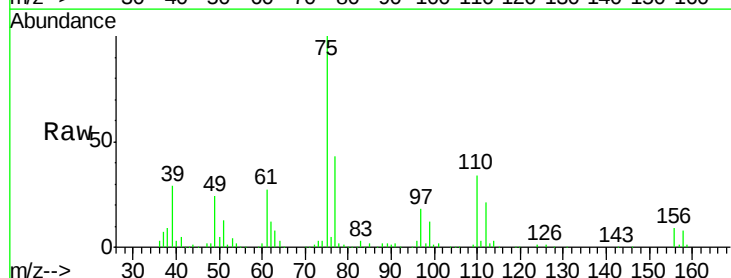
Acq: 4 Apr 2019 11:05

Tgt Ion: 75 Resp: 328269

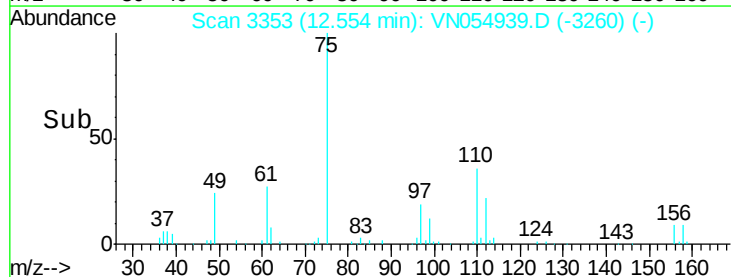
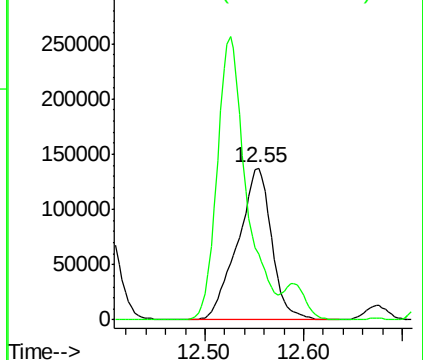
Ion Ratio Lower Upper

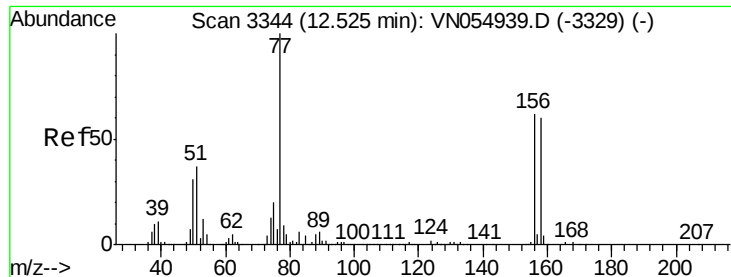
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 49.244 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

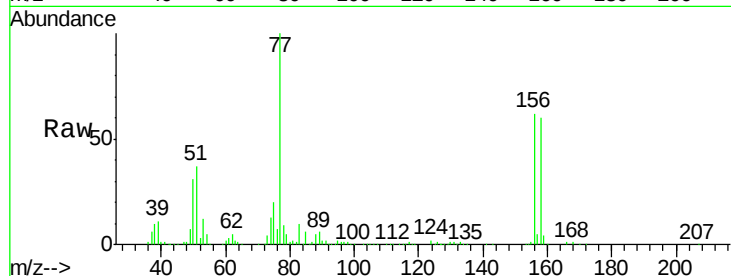
Tgt Ion:156 Resp: 284525

Ion Ratio Lower Upper

156 100

77 186.2 93.1 279.3

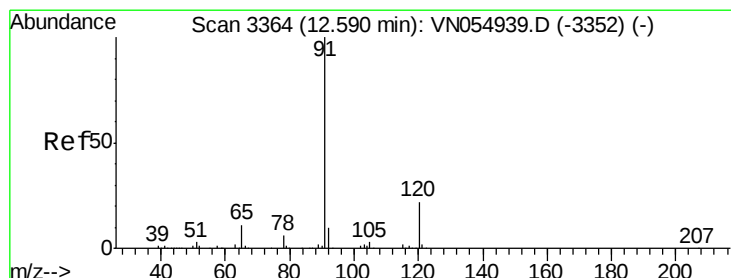
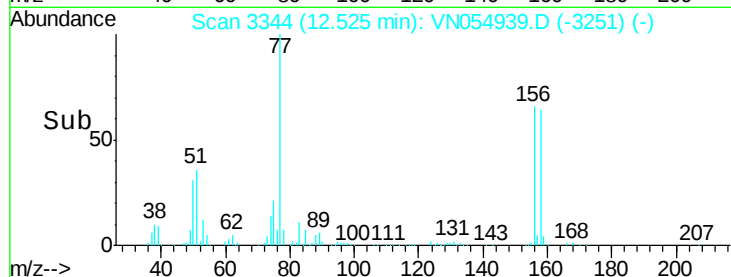
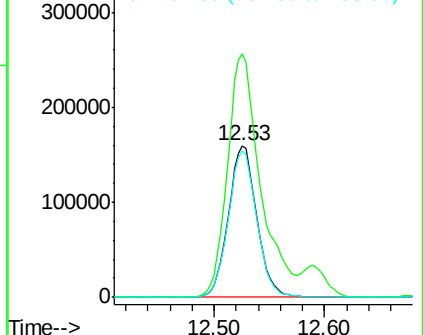
158 96.9 48.4 145.3



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: 49.671 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054939.D

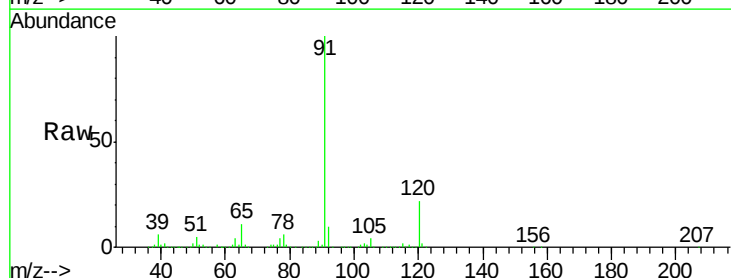
Acq: 4 Apr 2019 11:05

Tgt Ion: 91 Resp: 1305635

Ion Ratio Lower Upper

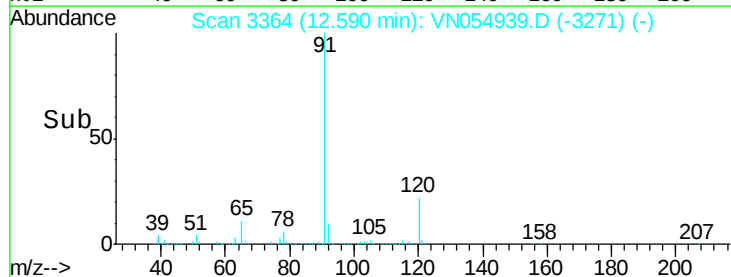
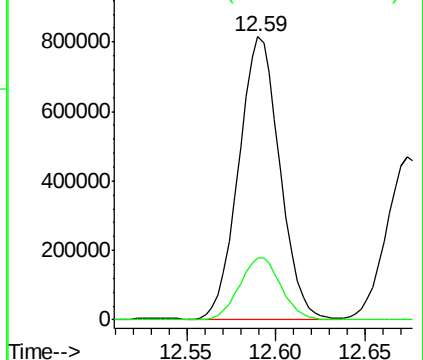
91 100

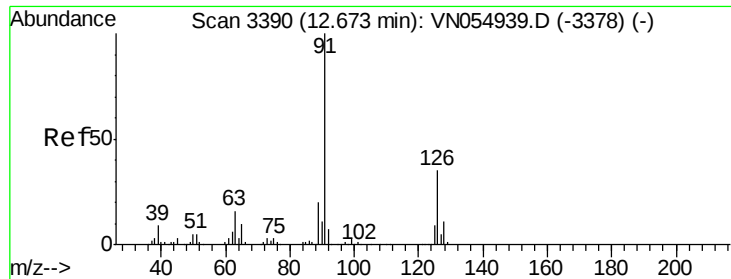
120 22.4 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.324 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

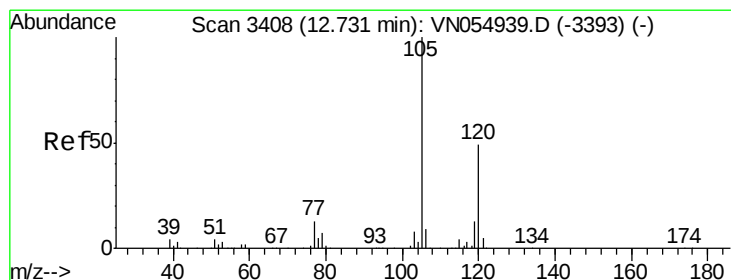
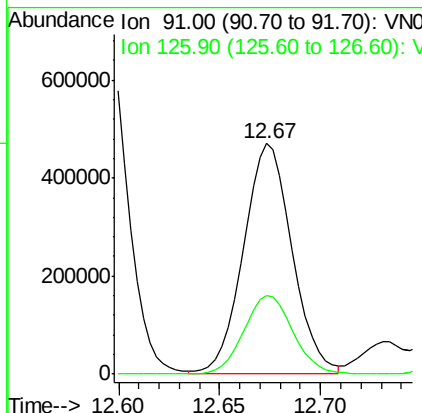
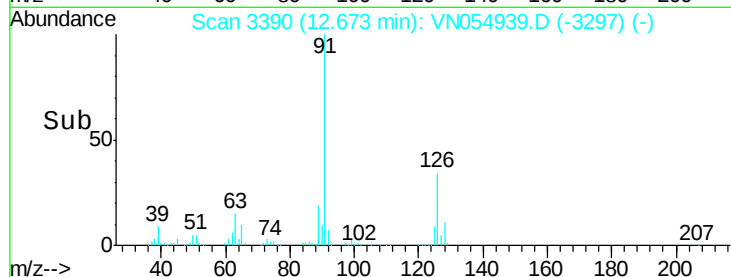
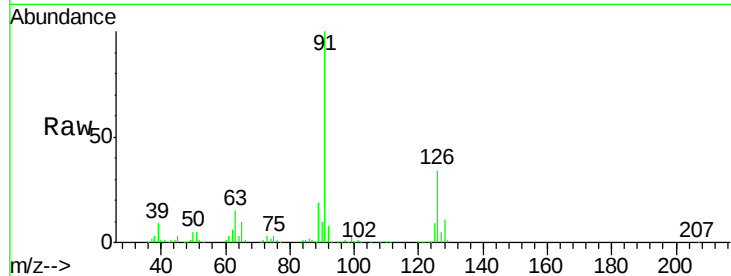
VSTDICCC050

Tgt Ion: 91 Resp: 787219

Ion Ratio Lower Upper

91 100

126 34.8 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 49.295 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054939.D

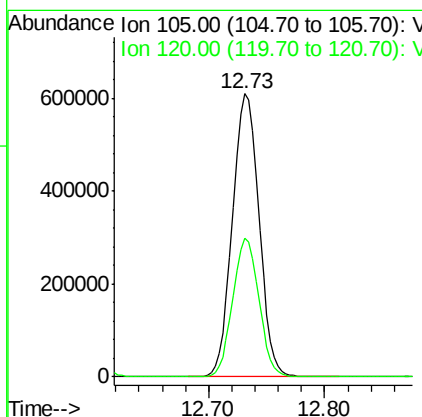
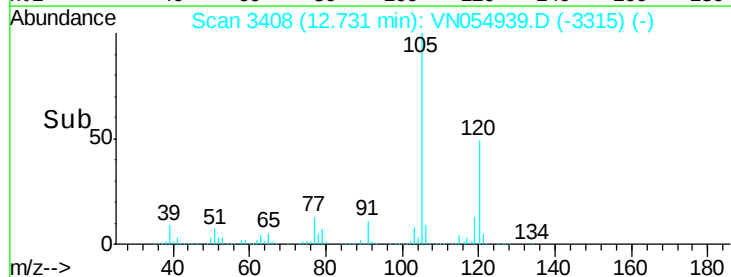
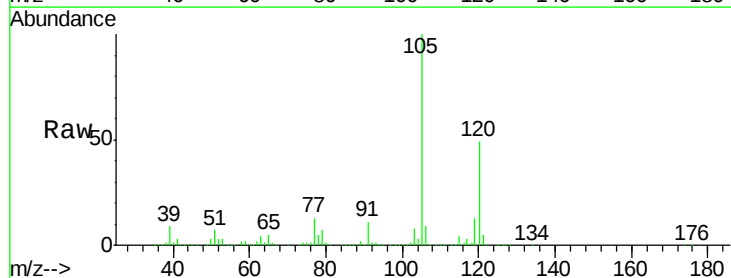
Acq: 4 Apr 2019 11:05

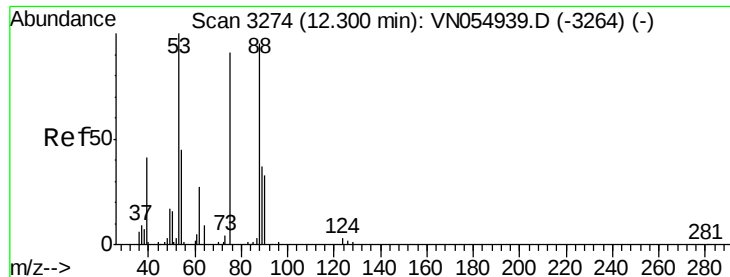
Tgt Ion: 105 Resp: 965880

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 54.247 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

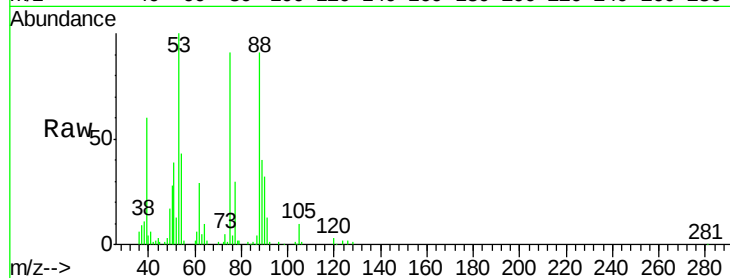
Tgt Ion: 75 Resp: 62750

Ion Ratio Lower Upper

75 100

53 116.0 92.8 139.2

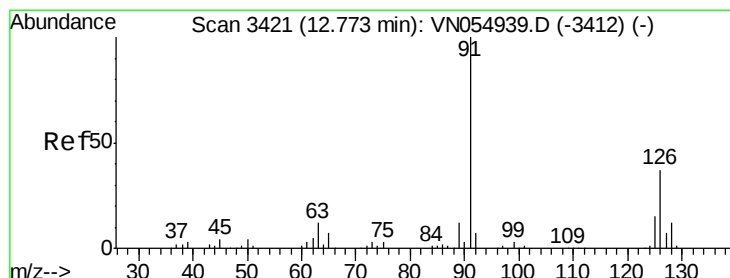
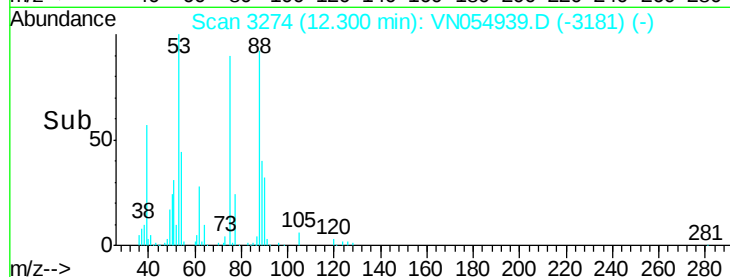
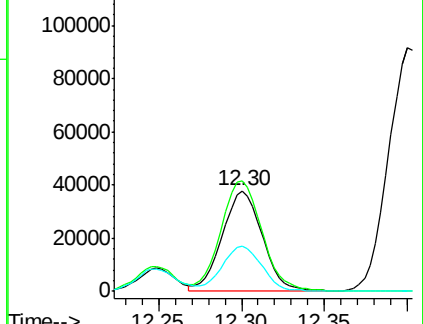
89 45.9 36.7 55.1



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: 50.163 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN054939.D

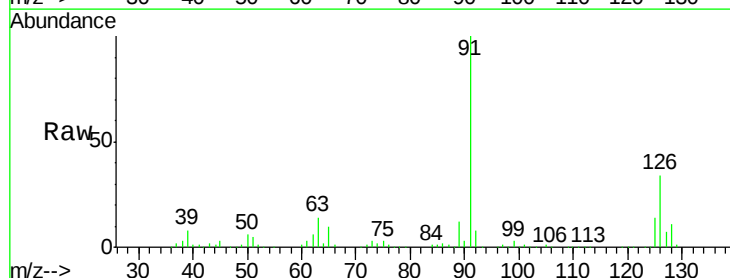
Acq: 4 Apr 2019 11:05

Tgt Ion: 91 Resp: 772918

Ion Ratio Lower Upper

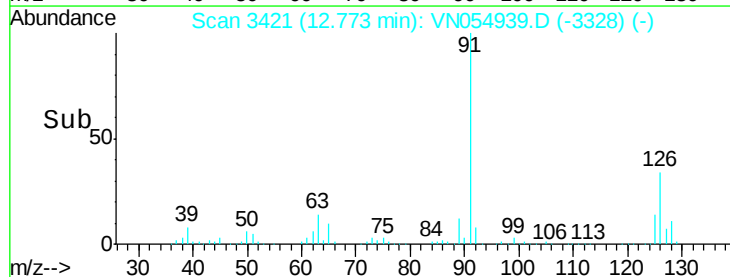
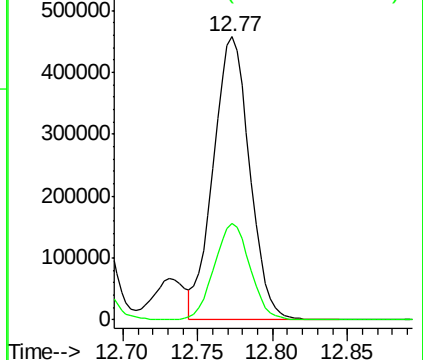
91 100

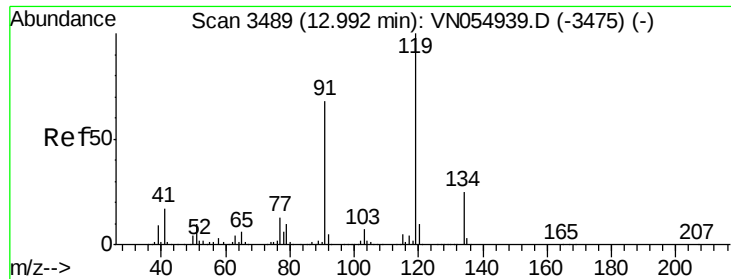
126 33.8 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

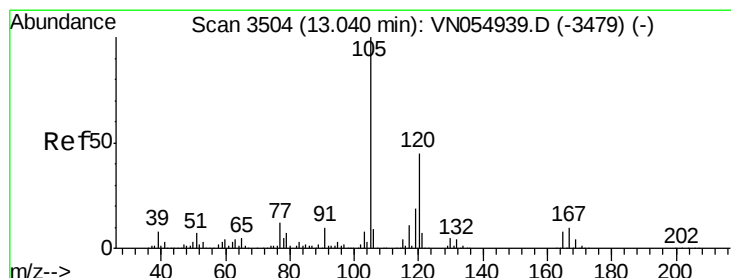
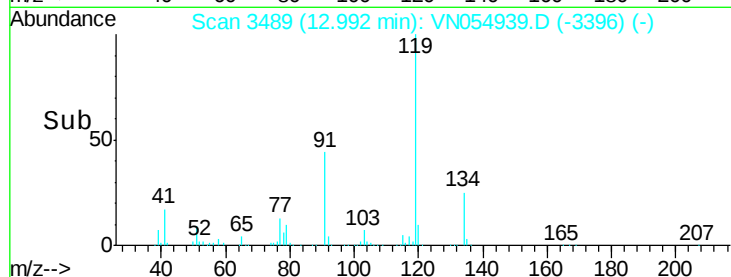
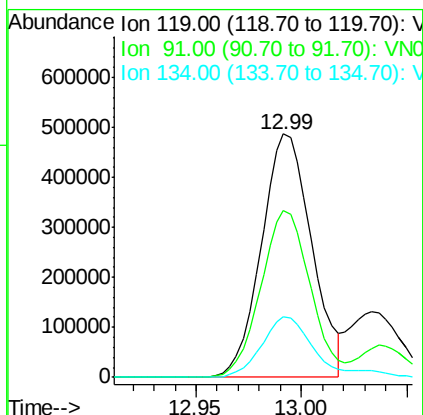
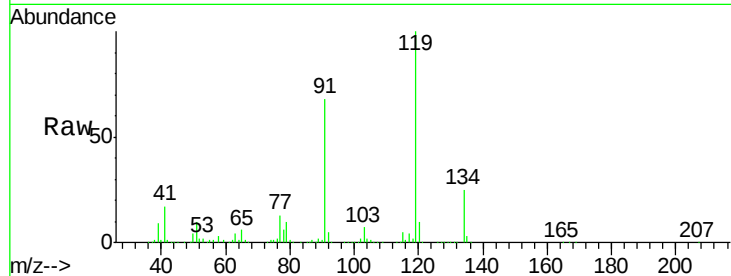




#83
 tert-Butylbenzene
 Concen: 48.510 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN054939.D
 Acq: 4 Apr 2019 11:05

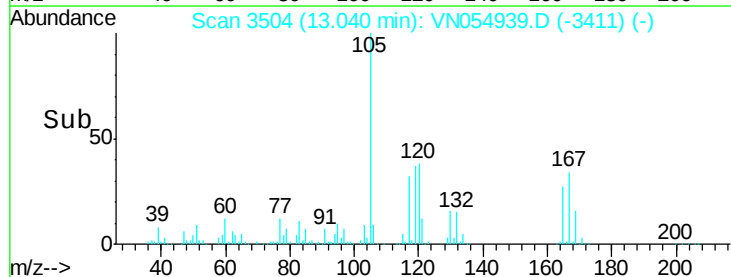
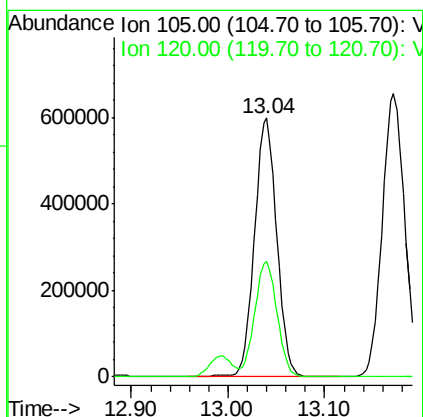
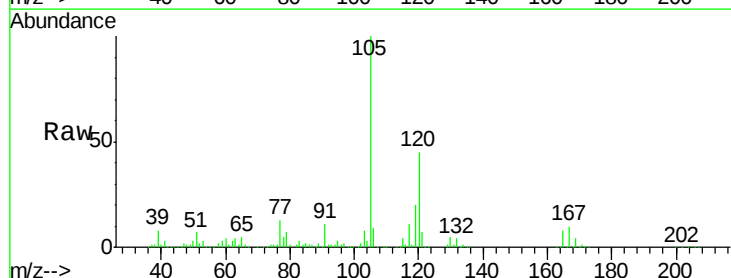
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

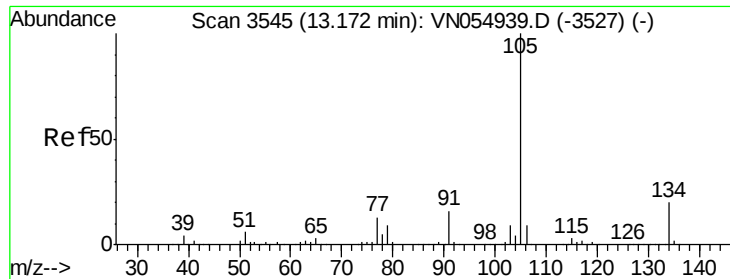
Tgt Ion:119 Resp: 808558
 Ion Ratio Lower Upper
 119 100
 91 67.0 33.5 100.5
 134 24.7 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 50.615 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054939.D
 Acq: 4 Apr 2019 11:05

Tgt Ion:105 Resp: 959535
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3

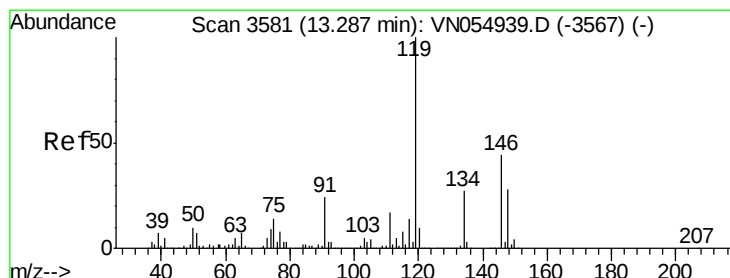
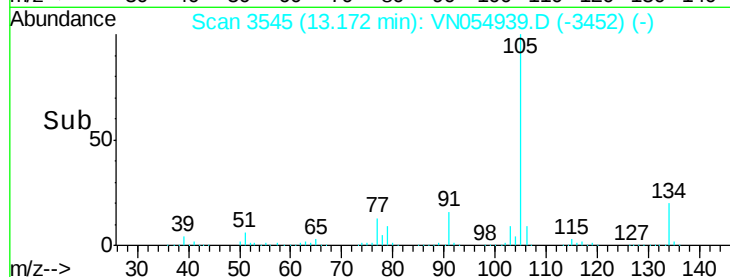
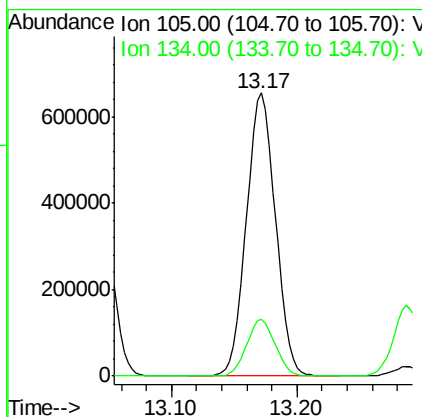
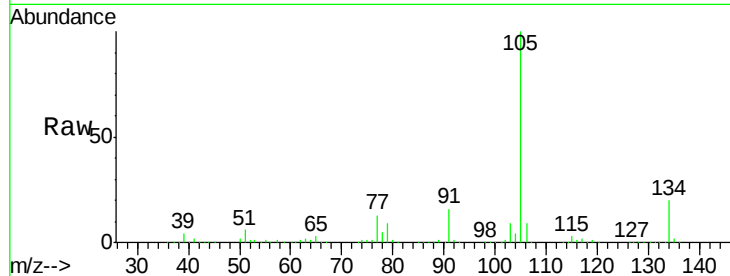




#85
 sec-Butylbenzene
 Concen: 49.072 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN054939.D
 Acq: 4 Apr 2019 11:05

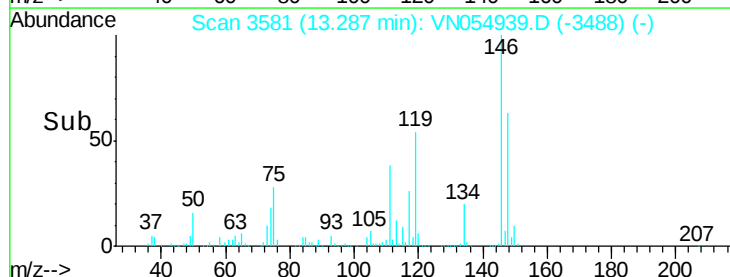
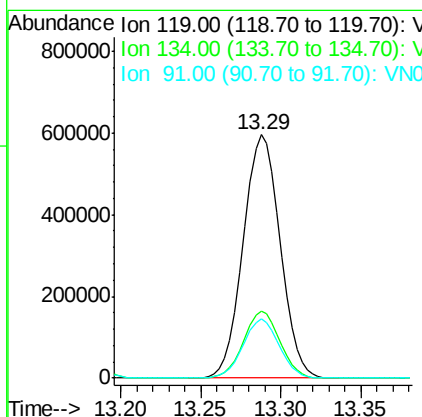
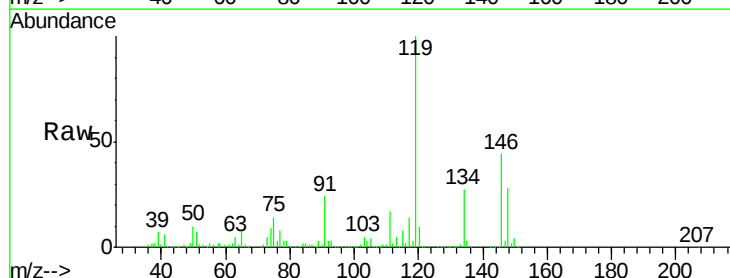
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

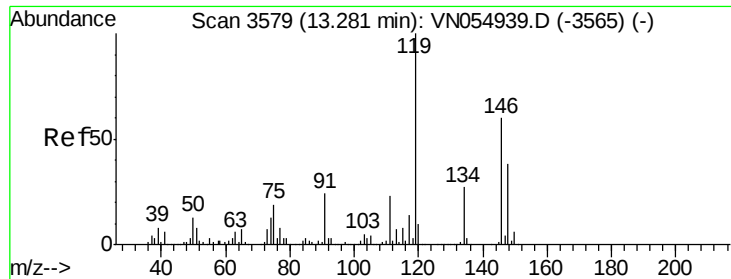
Tgt Ion:105 Resp: 1057955
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 50.295 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN054939.D
 Acq: 4 Apr 2019 11:05

Tgt Ion:119 Resp: 934257
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.5
 91 23.8 11.9 35.7

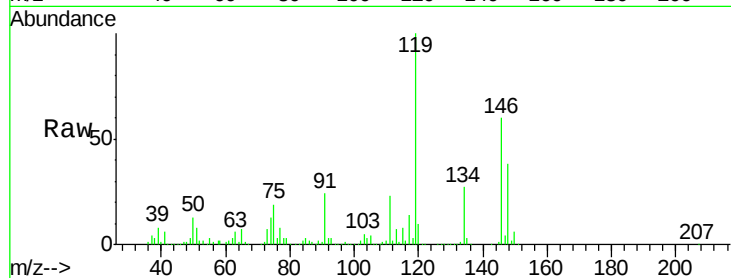




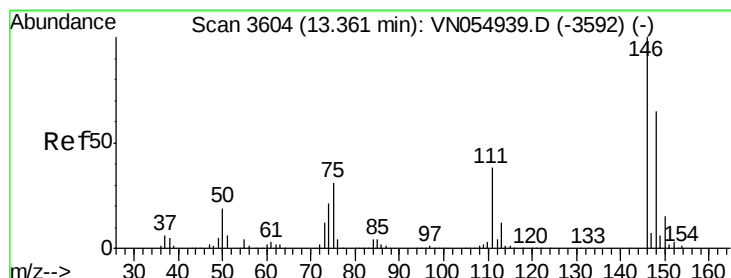
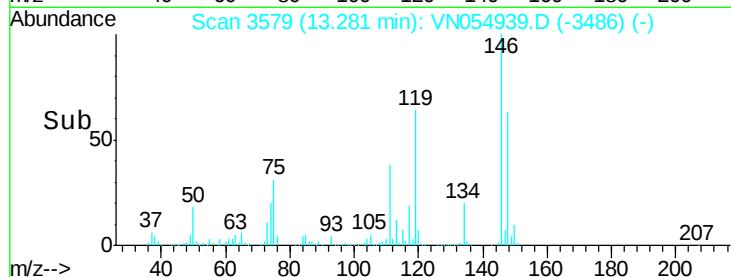
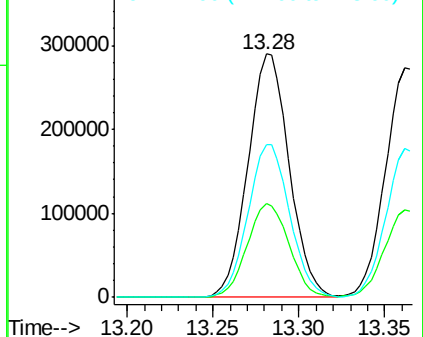
#87
 1,3-Dichlorobenzene
 Concen: 50.239 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN054939.D
 Acq: 4 Apr 2019 11:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:146 Resp: 482846
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.7
 148 63.4 31.7 95.1

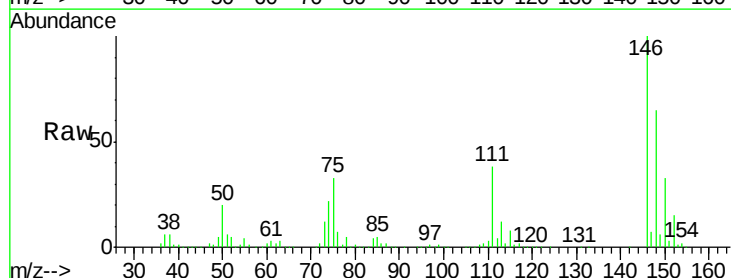


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

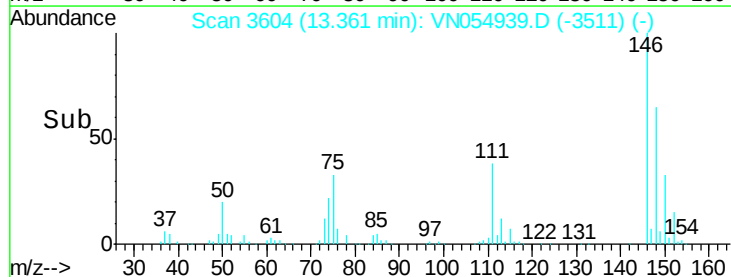
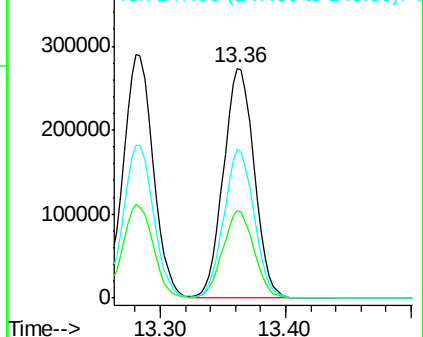


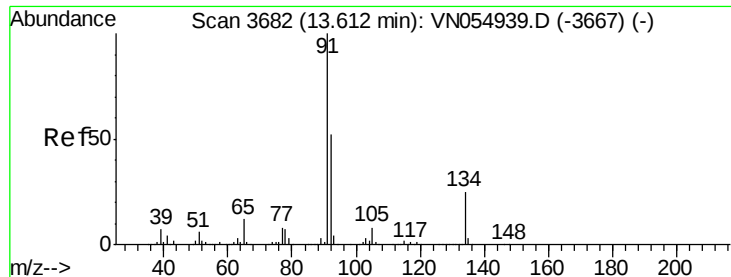
#88
 1,4-Dichlorobenzene
 Concen: 50.888 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN054939.D
 Acq: 4 Apr 2019 11:05

Tgt Ion:146 Resp: 465578
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.2 57.6
 148 63.8 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

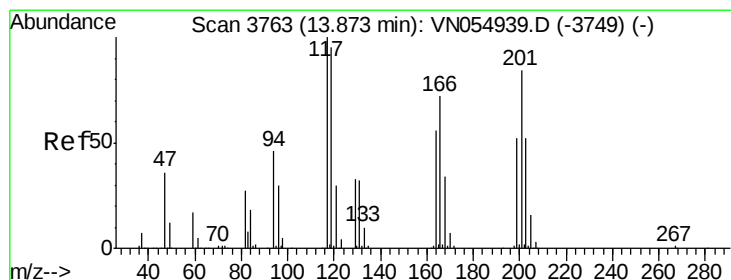
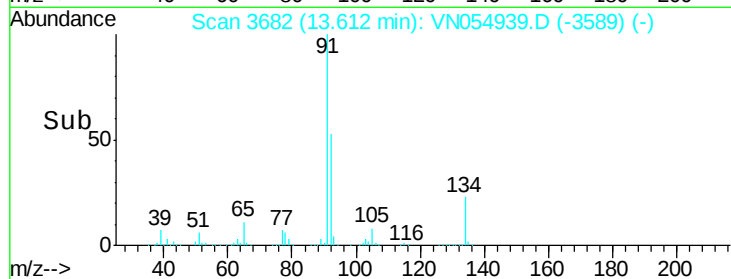
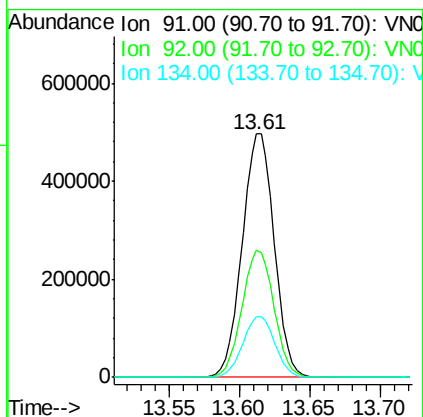
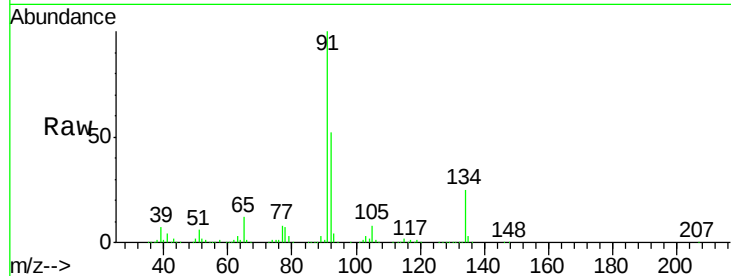




#89
n-Butylbenzene
Concen: 53.218 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN054939.D
Acq: 4 Apr 2019 11:05

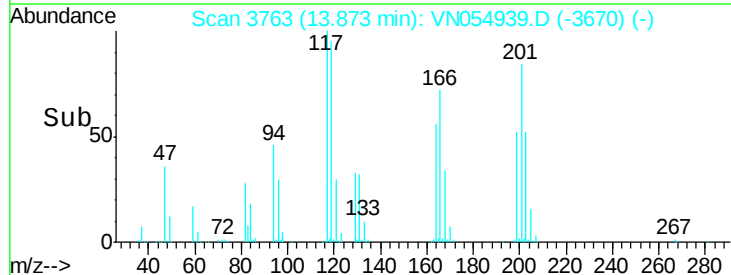
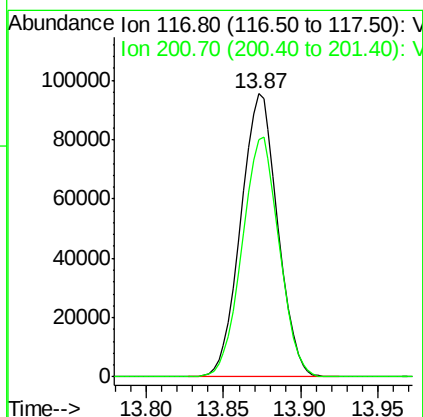
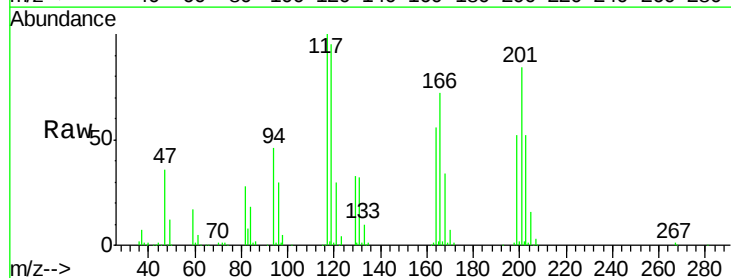
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

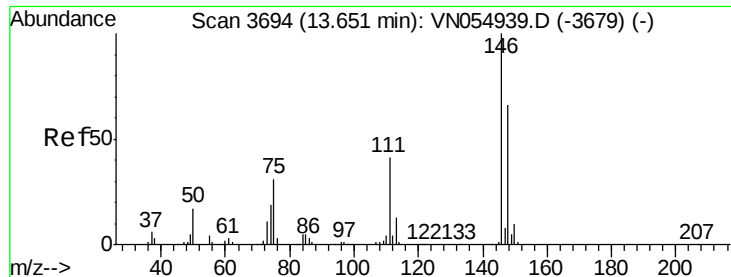
Tgt Ion: 91 Resp: 790049
Ion Ratio Lower Upper
91 100
92 52.1 26.1 78.2
134 25.2 12.6 37.8



#90
Hexachloroethane
Concen: 50.795 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN054939.D
Acq: 4 Apr 2019 11:05

Tgt Ion: 117 Resp: 158497
Ion Ratio Lower Upper
117 100
201 85.1 42.5 127.6





#91

1,2-Dichlorobenzene

Concen: 49.680 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

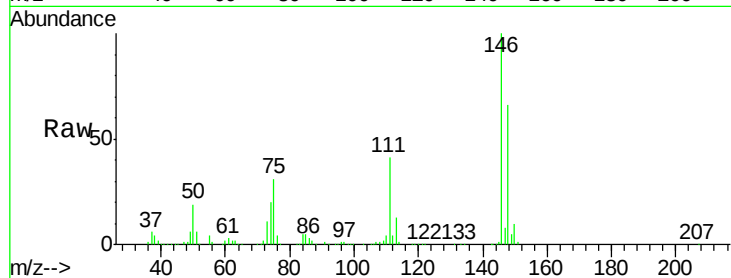
Tgt Ion:146 Resp: 468797

Ion Ratio Lower Upper

146 100

111 40.3 20.2 60.5

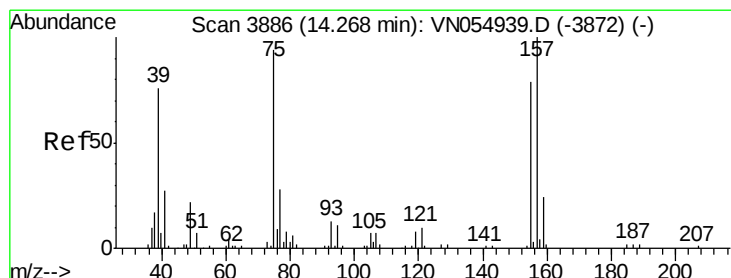
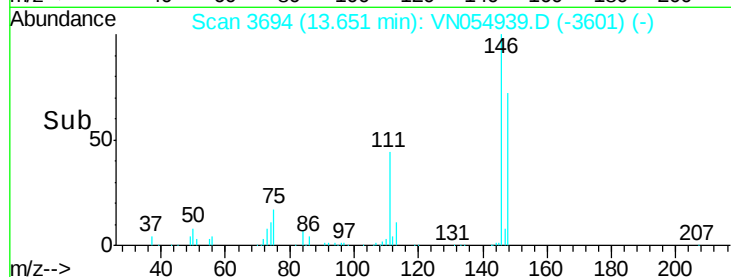
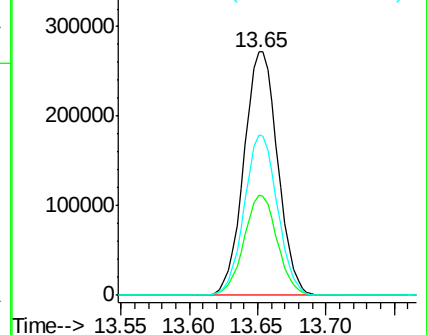
148 64.3 32.1 96.5



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: 48.979 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

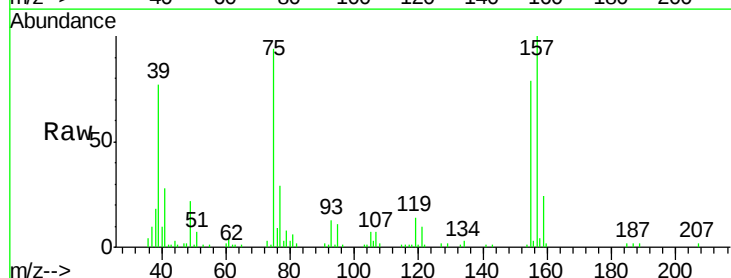
Tgt Ion: 75 Resp: 39999

Ion Ratio Lower Upper

75 100

155 83.1 41.5 124.6

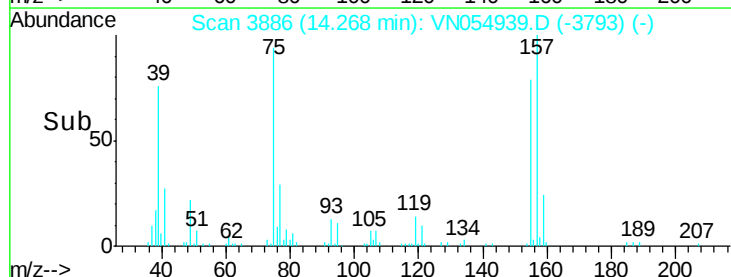
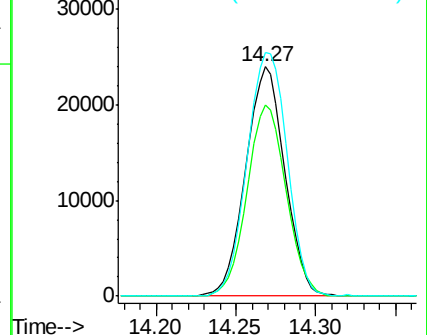
157 108.8 54.4 163.2

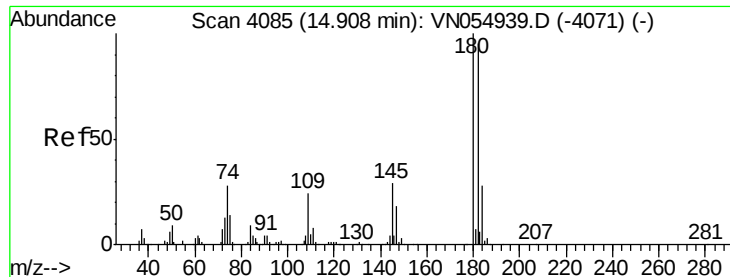


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

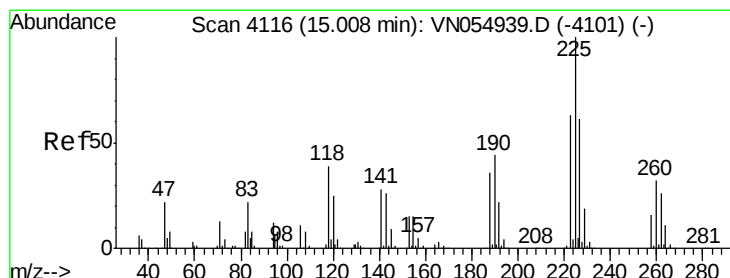
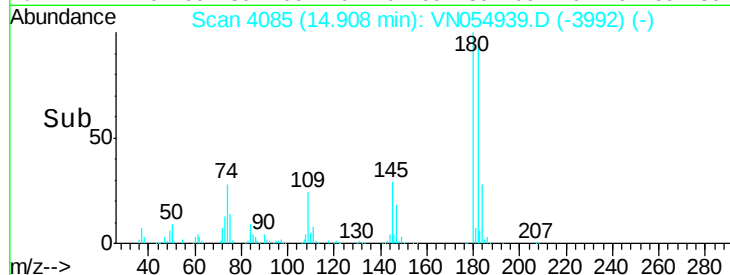
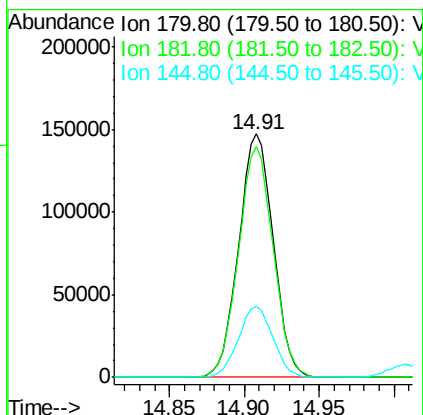
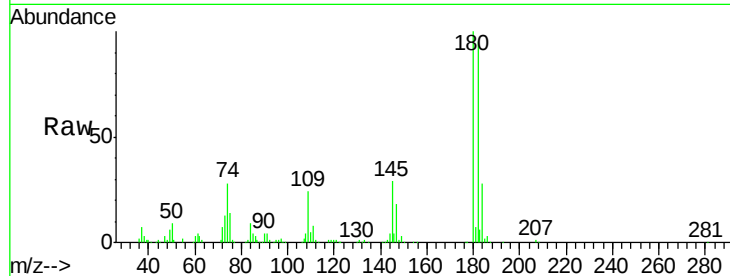




#93
 1,2,4-Trichlorobenzene
 Concen: 56.446 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054939.D
 Acq: 4 Apr 2019 11:05

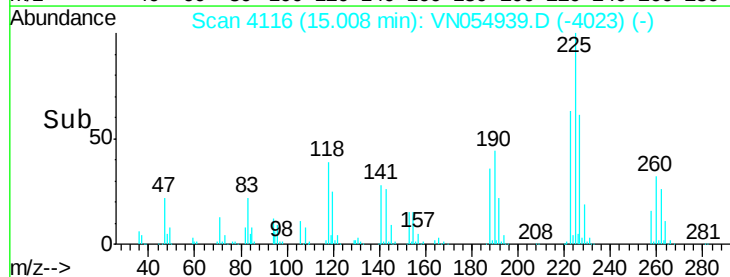
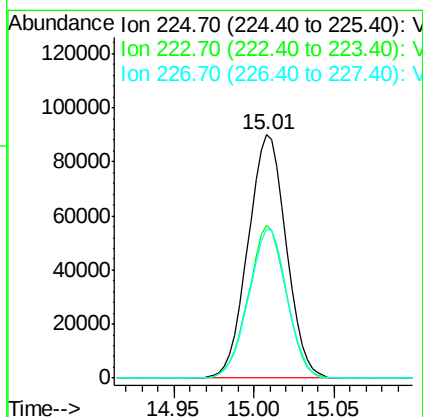
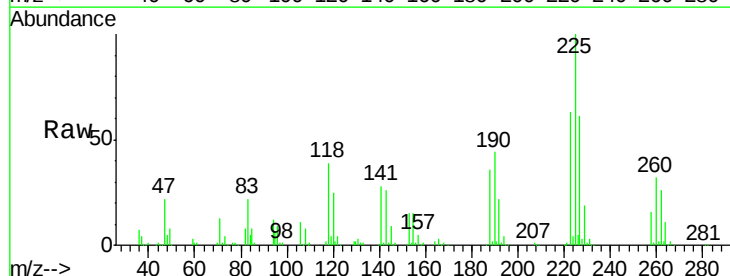
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

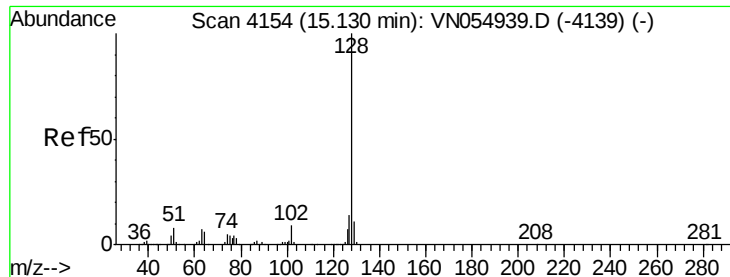
Tgt Ion:180 Resp: 236966
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.5 142.6
 145 29.2 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 46.736 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN054939.D
 Acq: 4 Apr 2019 11:05

Tgt Ion:225 Resp: 147543
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.1 93.5
 227 61.7 30.9 92.5





#95

Naphthalene

Concen: 54.611 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

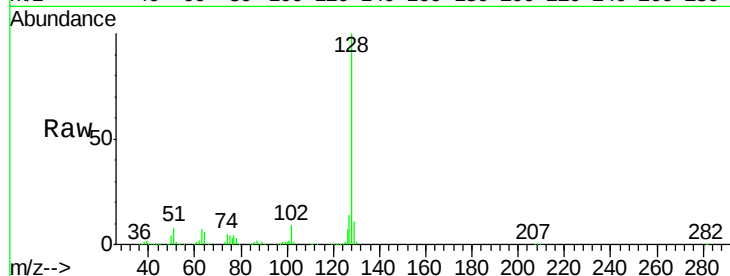
Tgt Ion:128 Resp: 503072

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

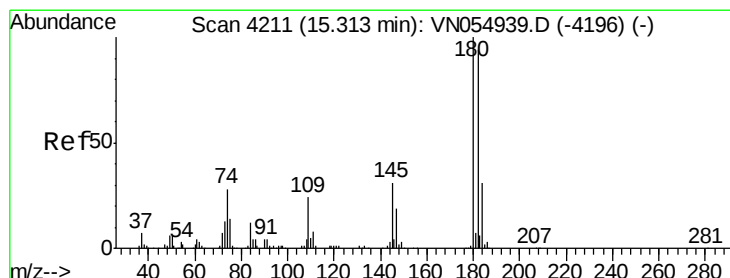
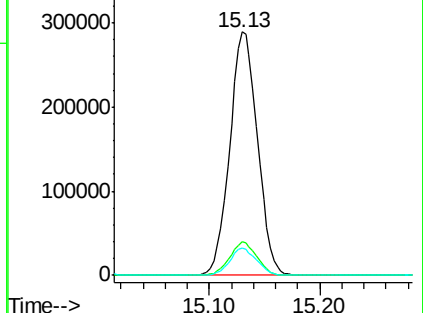
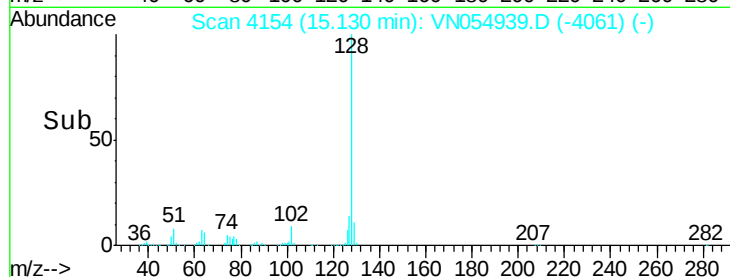
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.711 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN054939.D

Acq: 4 Apr 2019 11:05

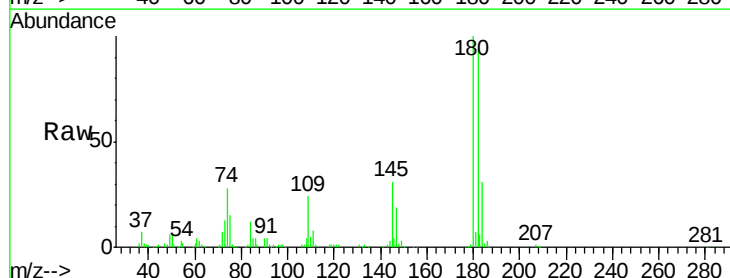
Tgt Ion:180 Resp: 232748

Ion Ratio Lower Upper

180 100

182 95.0 47.5 142.5

145 31.2 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

