

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041619\
 Data File : VN055089.D
 Acq On : 16 Apr 2019 19:57
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 17 01:41:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	399868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	666312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	585272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	249715	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	259748	48.87	ug/l	0.00
Spiked Amount			Recovery	=	97.74%	
35) Dibromofluoromethane	7.59	113	212706	47.77	ug/l	0.00
Spiked Amount			Recovery	=	95.54%	
50) Toluene-d8	10.09	98	788757	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	12.40	95	266559	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	217406	47.841	ug/l	99
3) Chloromethane	2.06	50	284737	48.040	ug/l	98
4) Vinyl Chloride	2.19	62	235143	47.200	ug/l	100
5) Bromomethane	2.55	94	130729	46.385	ug/l	95
6) Chloroethane	2.70	64	132316	49.250	ug/l	98
7) Trichlorofluoromethane	3.02	101	300504	48.231	ug/l	100
8) Diethyl Ether	3.41	74	95840	48.189	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.75	101	154419	47.359	ug/l	99
10) Methyl Iodide	3.94	142	295071	58.316	ug/l	94
11) Tert butyl alcohol	4.82	59	75074	257.679	ug/l #	88
12) 1,1-Dichloroethene	3.73	96	147552	46.491	ug/l	98
13) Acrolein	3.61	56	96147	266.985	ug/l	98
14) Allyl chloride	4.32	41	377870	48.640	ug/l	100
15) Acrylonitrile	4.99	53	434076	249.021	ug/l	99
16) Acetone	3.82	43	293483	203.433	ug/l	99
17) Carbon Disulfide	4.04	76	465407	45.427	ug/l	100
18) Methyl Acetate	4.33	43	210153	50.548	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	573768	50.538	ug/l	100
20) Methylene Chloride	4.54	84	236173	46.570	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	207978	48.451	ug/l	92
22) Diisopropyl ether	5.96	45	820786	51.395	ug/l	98
23) Vinyl Acetate	5.90	43	2853976	270.363	ug/l	99
24) 1,1-Dichloroethane	5.85	63	426344	50.132	ug/l	98
25) 2-Butanone	6.85	43	527831	245.145	ug/l	99
26) 2,2-Dichloropropane	6.82	77	271118	50.509	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	244569	50.361	ug/l	100
28) Bromochloromethane	7.19	49	199664	48.704	ug/l	100
29) Tetrahydrofuran	7.22	42	352351	249.547	ug/l	99
30) Chloroform	7.37	83	408029	49.393	ug/l	96
31) Cyclohexane	7.65	56	386098	51.385	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	336285	51.382	ug/l	99
36) 1,1-Dichloropropene	7.79	75	296792	47.251	ug/l	99
37) Ethyl Acetate	6.93	43	228293	44.644	ug/l	99
38) Carbon Tetrachloride	7.77	117	280544	46.945	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041619\
 Data File : VN055089.D
 Acq On : 16 Apr 2019 19:57
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Apr 17 01:41:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	323180	47.481	ug/l	100
40) Benzene	8.04	78	917806	48.482	ug/l	100
41) Methacrylonitrile	7.18	41	130346	45.919	ug/l	99
42) 1,2-Dichloroethane	8.12	62	315530	48.006	ug/l	100
43) Isopropyl Acetate	8.17	43	395722	50.222	ug/l	99
44) Trichloroethene	8.83	130	232644	49.063	ug/l	99
45) 1,2-Dichloropropane	9.12	63	262690	49.756	ug/l	100
46) Dibromomethane	9.21	93	145655	48.470	ug/l	98
47) Bromodichloromethane	9.40	83	306796	49.518	ug/l	99
48) Methyl methacrylate	9.20	41	197875	50.666	ug/l	99
49) 1,4-Dioxane	9.20	88	40926	1118.506	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1130899	248.432	ug/l	99
52) Toluene	10.16	92	540574	49.857	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	292161	53.960	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	355230	52.861	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	202564	48.491	ug/l	99
56) Ethyl methacrylate	10.43	69	274395	54.733	ug/l	99
57) 1,3-Dichloropropane	10.71	76	361026	50.761	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	501932	228.893	ug/l	97
59) 2-Hexanone	10.75	43	696281	243.525	ug/l	99
60) Dibromochloromethane	10.90	129	212671	52.136	ug/l	100
61) 1,2-Dibromoethane	11.00	107	196210	51.031	ug/l	98
64) Tetrachloroethene	10.63	164	217679	45.738	ug/l	98
65) Chlorobenzene	11.43	112	570448	48.421	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	212610	49.068	ug/l	100
67) Ethyl Benzene	11.51	91	1032259	49.065	ug/l	99
68) m/p-Xylenes	11.62	106	759239	99.658	ug/l	99
69) o-Xylene	11.95	106	374178	50.709	ug/l	100
70) Styrene	11.96	104	627563	52.541	ug/l	99
71) Bromoform	12.13	173	131101	52.787	ug/l #	98
73) Isopropylbenzene	12.25	105	983288	44.374	ug/l	100
74) N-amyl acetate	12.07	43	313839	50.313	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	252401	42.568	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	293118	65.275	ug/l #	100
77) Bromobenzene	12.53	156	245401	44.422	ug/l	99
78) n-propylbenzene	12.59	91	1084225	45.287	ug/l	99
79) 2-Chlorotoluene	12.67	91	672640	45.044	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	809329	45.259	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	56239	50.082	ug/l	91
82) 4-Chlorotoluene	12.77	91	647002	46.440	ug/l	98
83) tert-Butylbenzene	12.99	119	690798	45.742	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	790989	46.675	ug/l	100
85) sec-Butylbenzene	13.17	105	877865	45.619	ug/l	99
86) p-Isopropyltoluene	13.29	119	773451	46.849	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	399209	47.543	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	389377	48.628	ug/l	99
89) n-Butylbenzene	13.61	91	630092	51.411	ug/l	99
90) Hexachloroethane	13.87	117	124027	46.170	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	394420	46.686	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	34418	47.139	ug/l	96

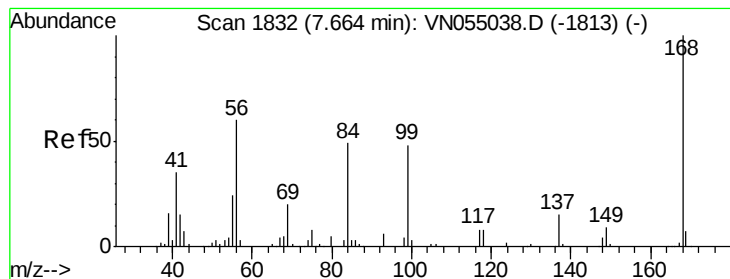
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041619\
Data File : VN055089.D
Acq On : 16 Apr 2019 19:57
Operator : JC/SP
Sample : VSTDCCC050EC
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 17 01:41:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 15 12:28:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	181039	47.418	ug/l	99
94) Hexachlorobutadiene	15.01	225	124584	47.744	ug/l	99
95) Naphthalene	15.13	128	394301	44.379	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	182050	55.857	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

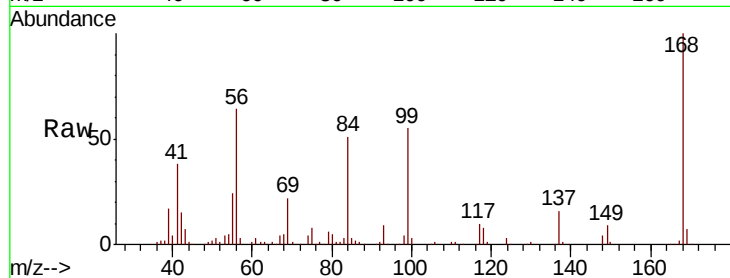
VSTDCCC050EC

Tot Ion:168 Resp: 399868

Ion Ratio Lower Upper

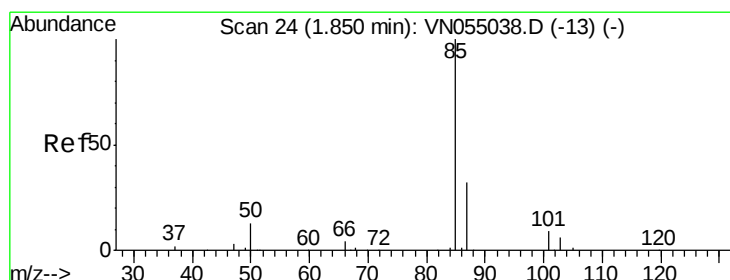
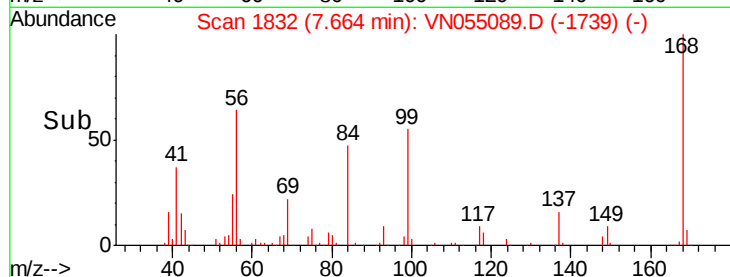
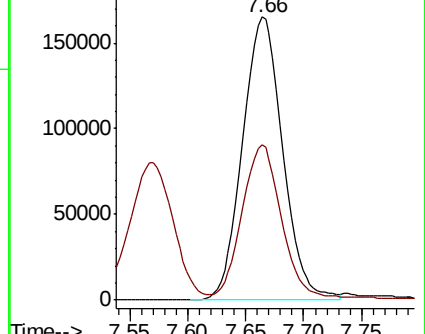
168 100

99 53.9 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 47.841 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN055089.D

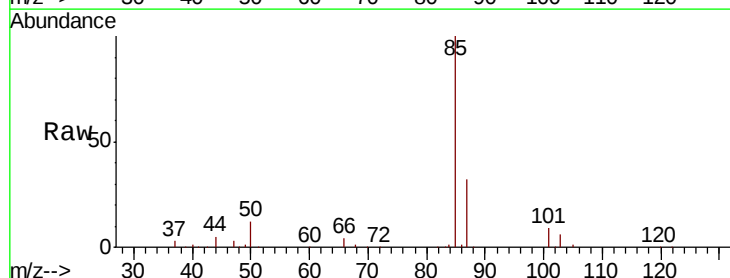
Acq: 16 Apr 2019 19:57

Tgt Ion: 85 Resp: 217406

Ion Ratio Lower Upper

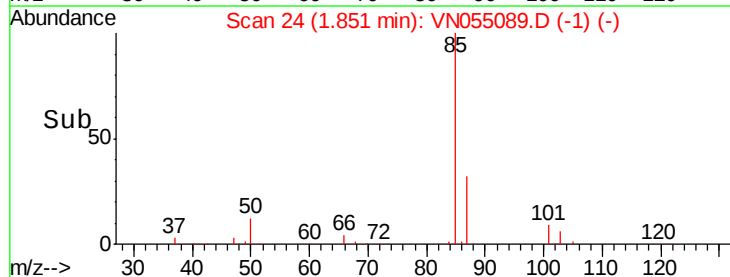
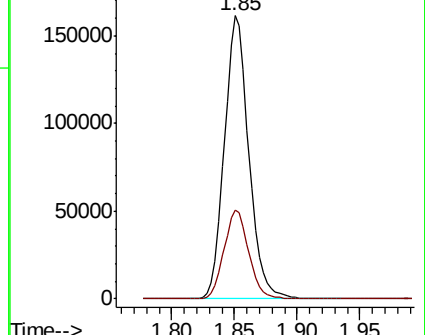
85 100

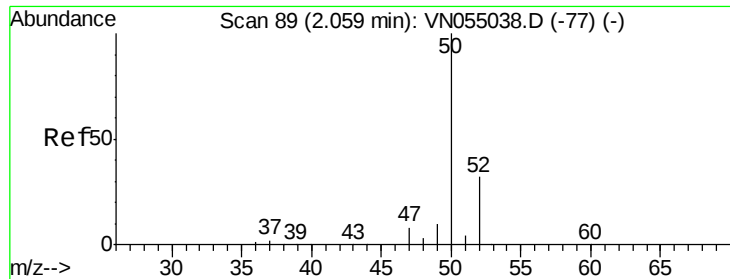
87 31.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

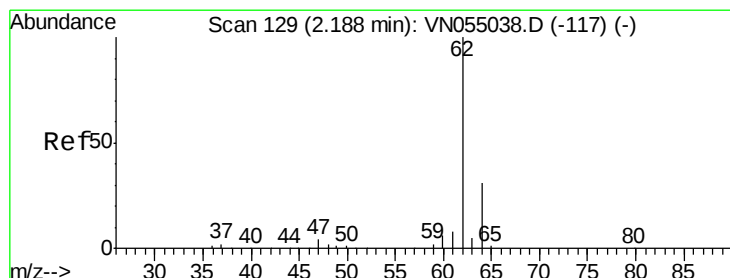
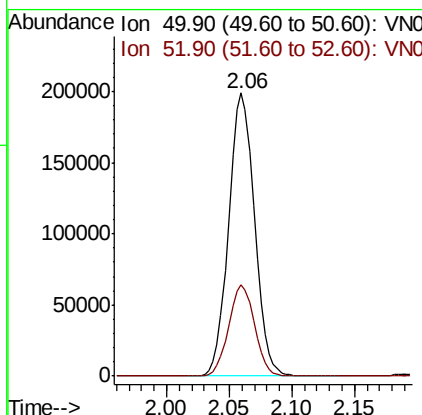
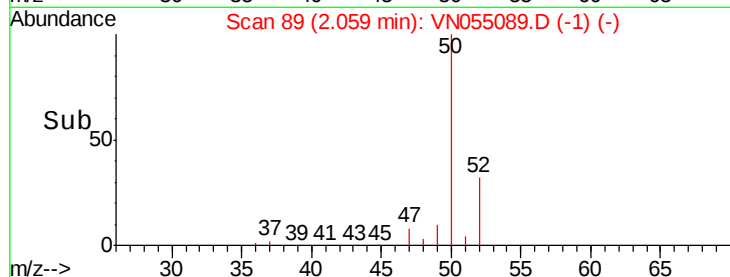
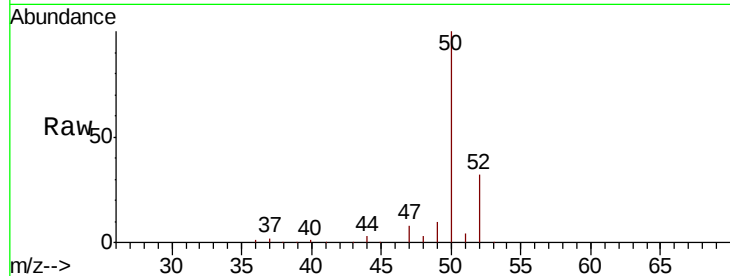




#3
Chloromethane
Concen: 48.040 ug/l
RT: 2.06 min Scan# 89
Delta R.T. 0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

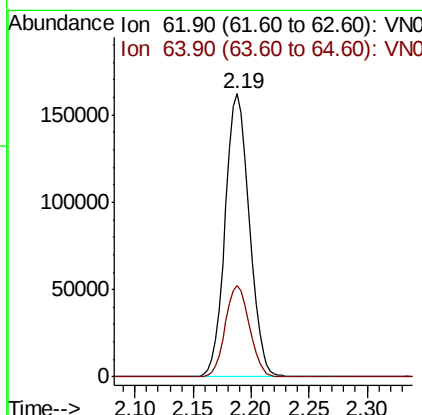
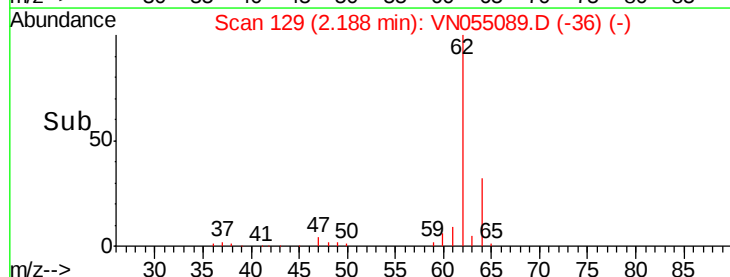
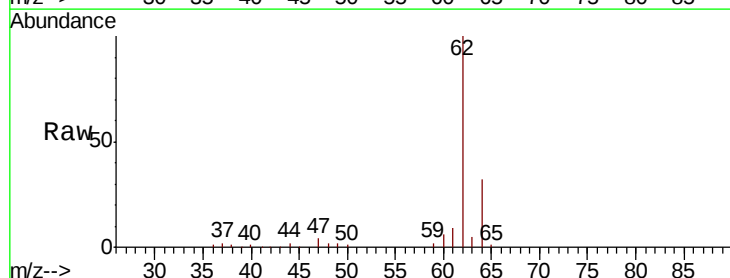
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

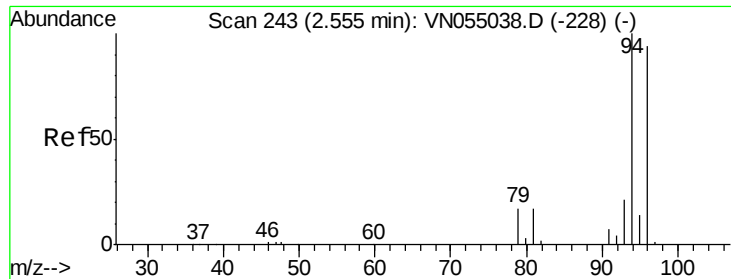
Tot Ion: 50 Resp: 284737
Ion Ratio Lower Upper
50 100
52 32.1 26.6 40.0



#4
Vinyl Chloride
Concen: 47.200 ug/l
RT: 2.19 min Scan# 129
Delta R.T. 0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

Tgt Ion: 62 Resp: 235143
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.6





#5

Bromomethane

Concen: 46.385 ug/l

RT: 2.55 min Scan# 242

Delta R.T. -0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

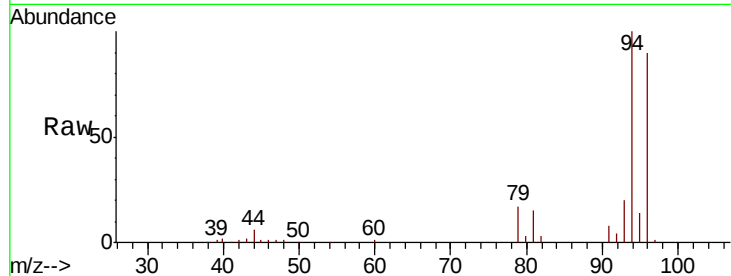
VSTDCCC050EC

Tot Ion: 94 Resp: 130729

Ion Ratio Lower Upper

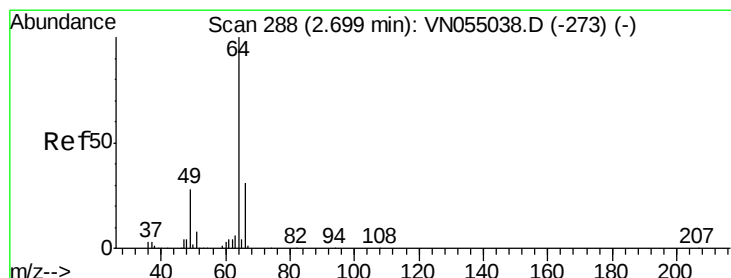
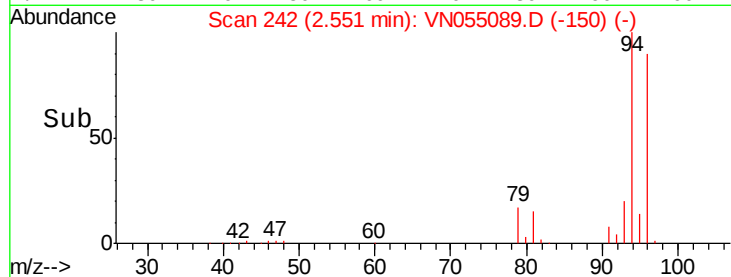
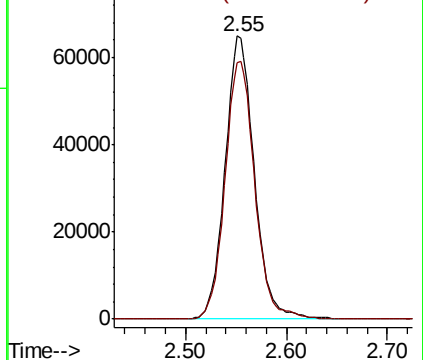
94 100

96 90.5 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 49.250 ug/l

RT: 2.70 min Scan# 288

Delta R.T. 0.00 min

Lab File: VN055089.D

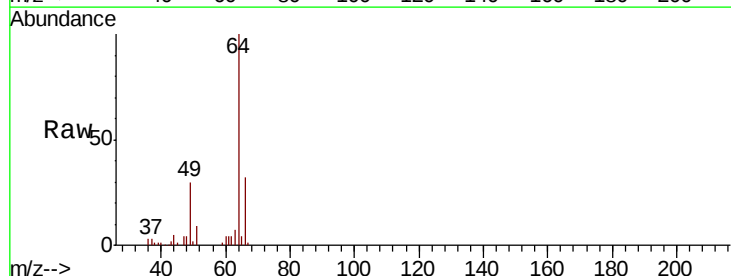
Acq: 16 Apr 2019 19:57

Tgt Ion: 64 Resp: 132316

Ion Ratio Lower Upper

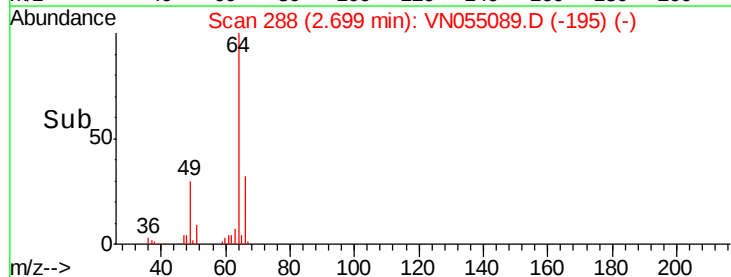
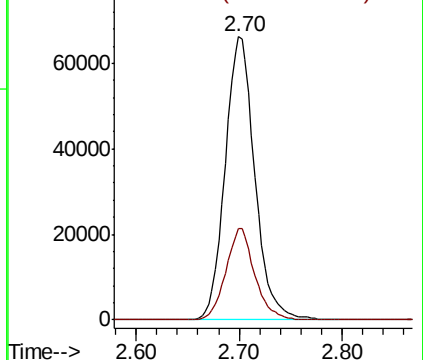
64 100

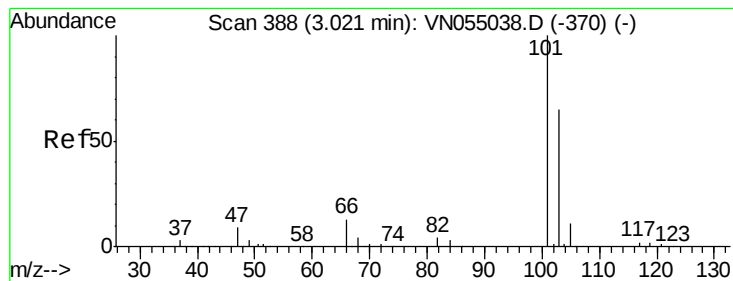
66 32.1 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



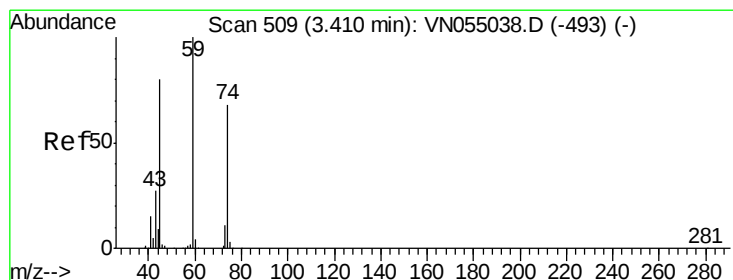
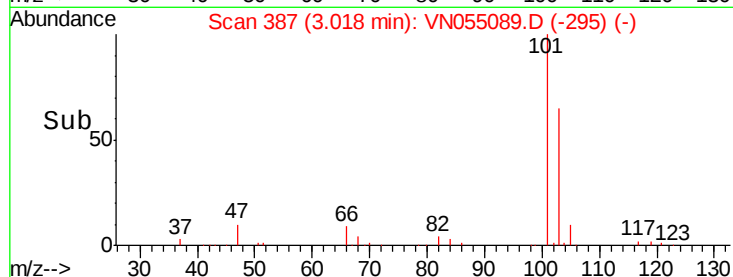
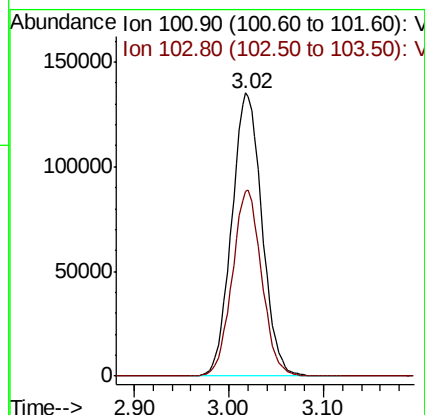
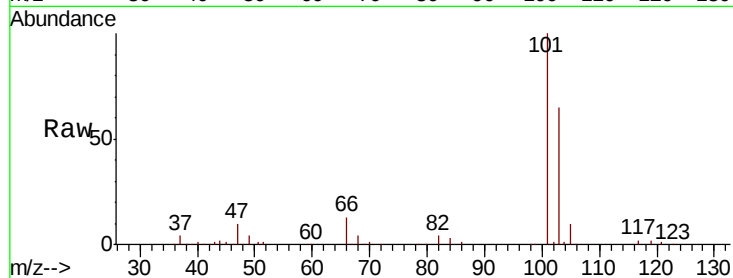


#7

Trichlorofluoromethane
Concen: 48.231 ug/l
RT: 3.02 min Scan# 387
Delta R.T. -0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

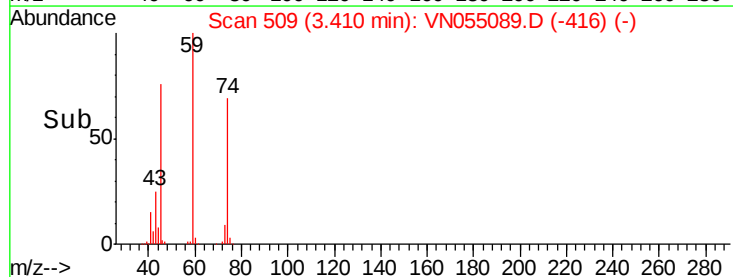
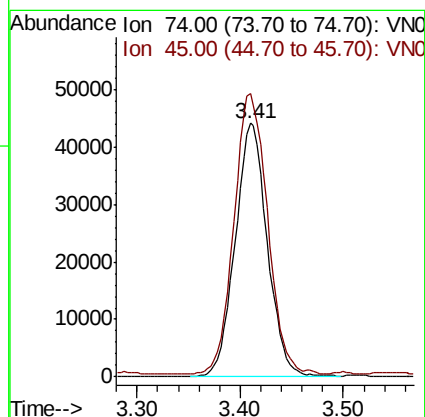
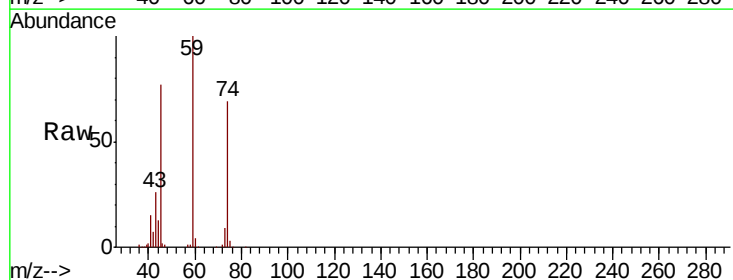
Tot Ion:101 Resp: 300504
Ion Ratio Lower Upper
101 100
103 65.4 52.5 78.7

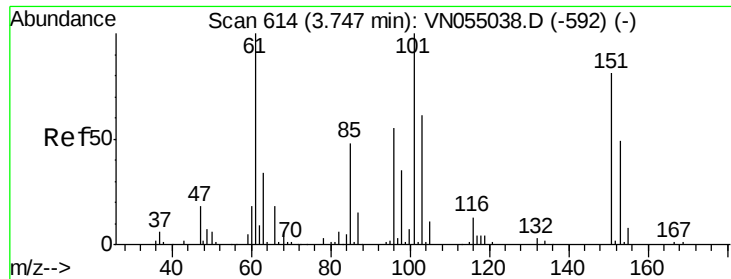


#8

Diethyl Ether
Concen: 48.189 ug/l
RT: 3.41 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

Tgt Ion: 74 Resp: 95840
Ion Ratio Lower Upper
74 100
45 115.4 55.7 167.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.359 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

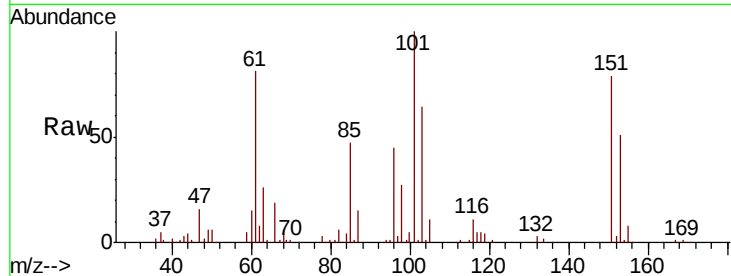
Tot Ion:101 Resp: 154419

Ion Ratio Lower Upper

101 100

85 47.2 36.9 55.3

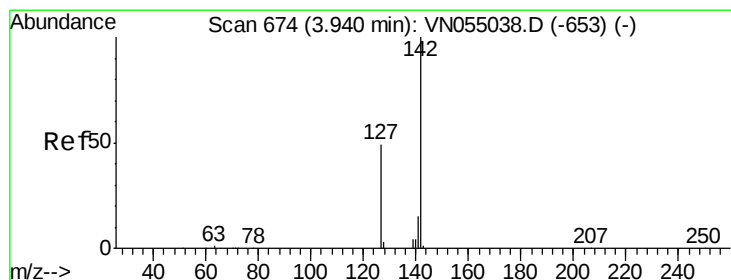
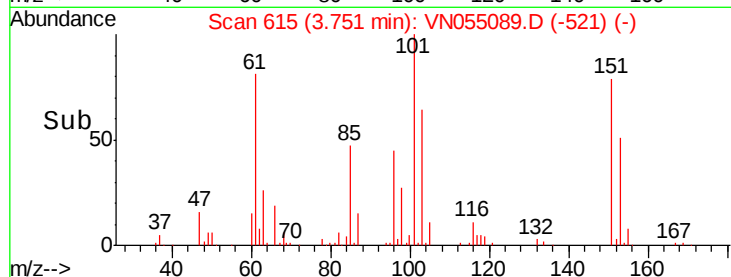
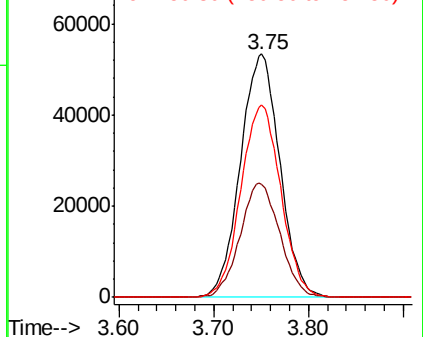
151 79.9 64.4 96.6



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: 58.316 ug/l

RT: 3.94 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

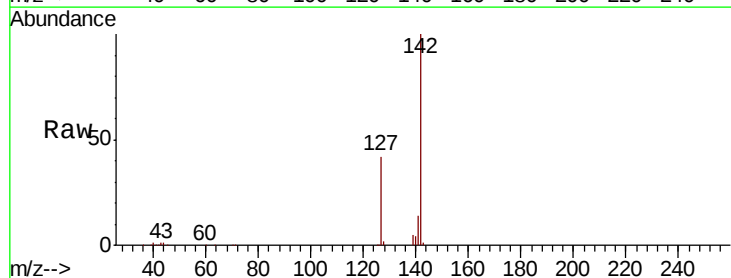
Tgt Ion:142 Resp: 295071

Ion Ratio Lower Upper

142 100

127 42.3 37.9 56.9

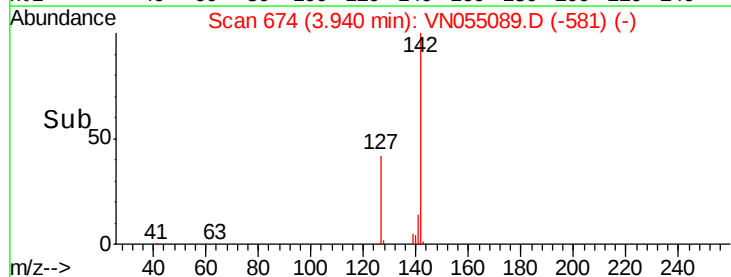
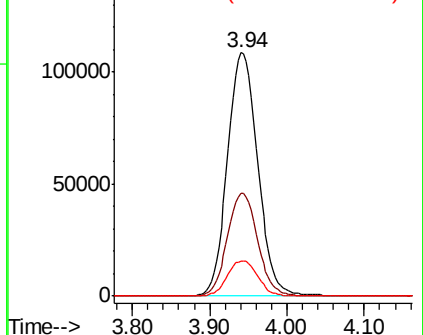
141 14.6 11.8 17.8

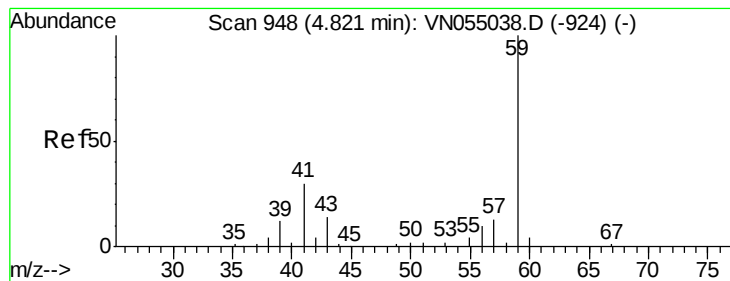


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



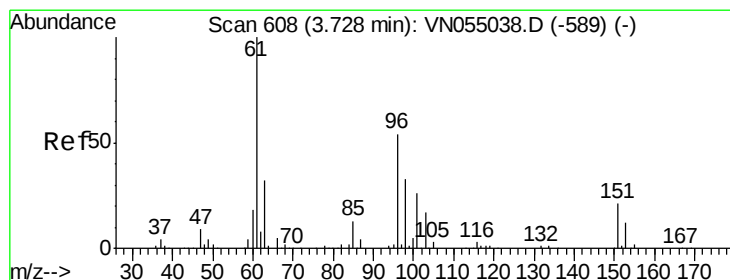
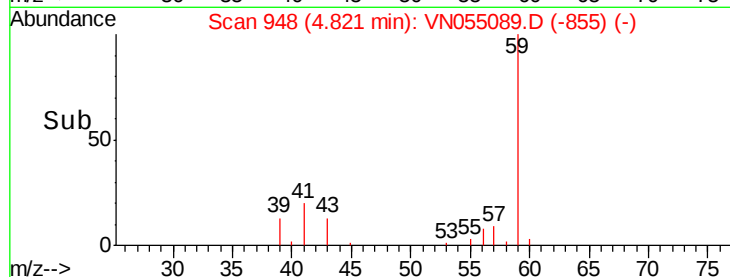
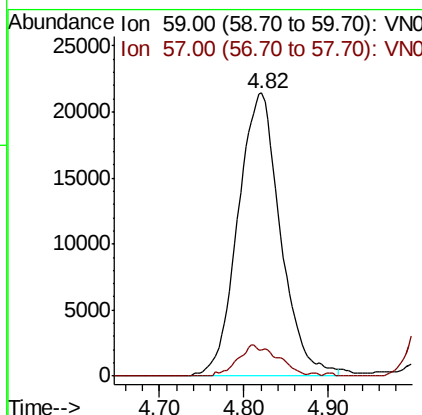
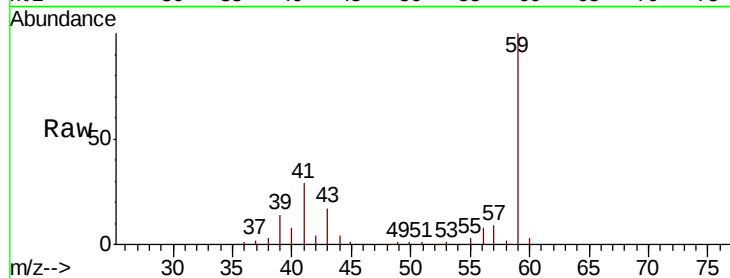


#11

Tert butyl alcohol
 Concen: 257.679 ug/l
 RT: 4.82 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: VN055089.D
 Acq: 16 Apr 2019 19:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

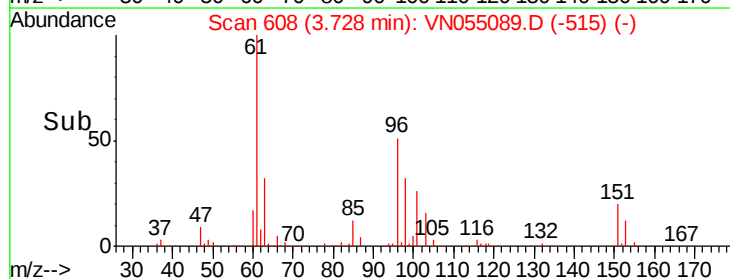
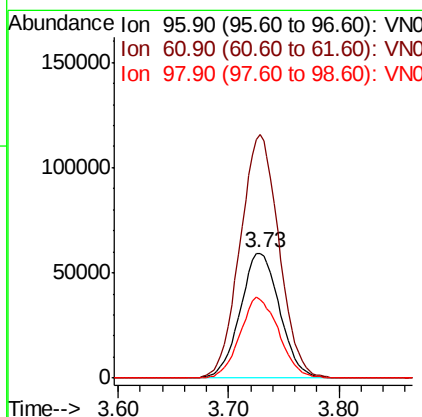
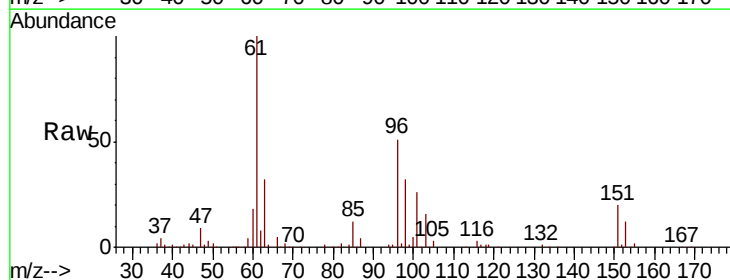
Tot Ion: 59 Resp: 75074
 Ion Ratio Lower Upper
 59 100
 57 6.0 8.3 12.5#

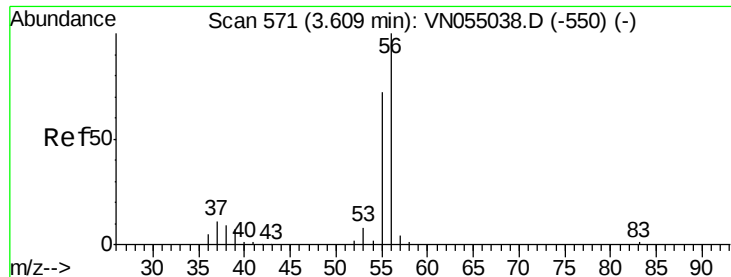


#12

1,1-Dichloroethene
 Concen: 46.491 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN055089.D
 Acq: 16 Apr 2019 19:57

Tgt Ion: 96 Resp: 147552
 Ion Ratio Lower Upper
 96 100
 61 194.7 154.2 231.4
 98 63.2 52.9 79.3





#13

Acrolein

Concen: 266.985 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

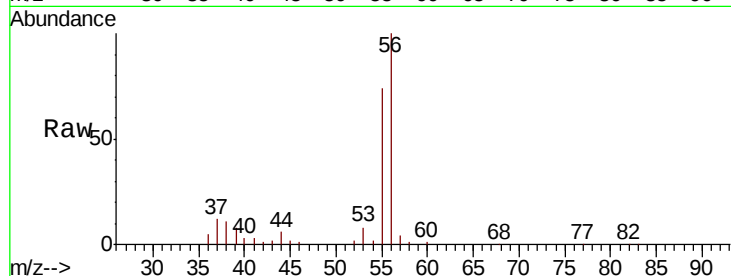
VSTDCCC050EC

Tot Ion: 56 Resp: 96147

Ion Ratio Lower Upper

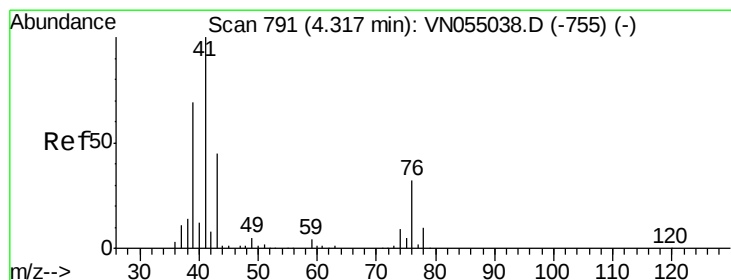
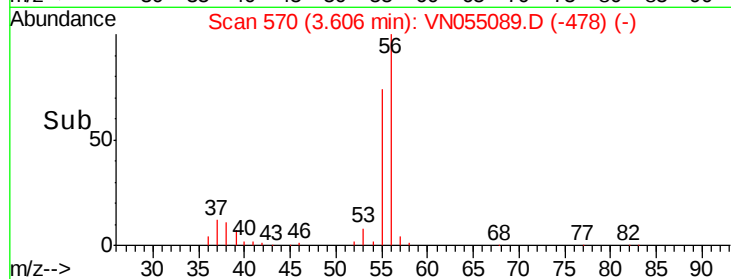
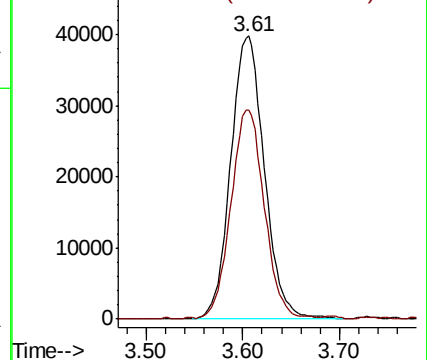
56 100

55 72.3 59.5 89.3



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 48.640 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

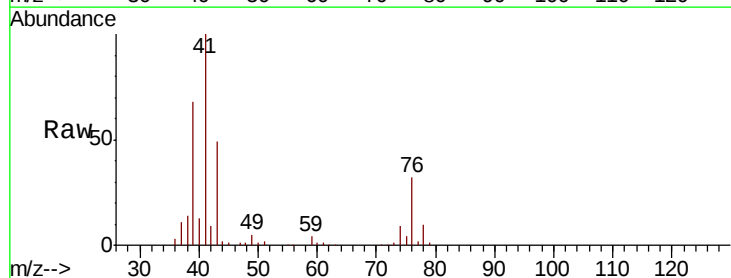
Tgt Ion: 41 Resp: 377870

Ion Ratio Lower Upper

41 100

39 65.8 52.7 79.1

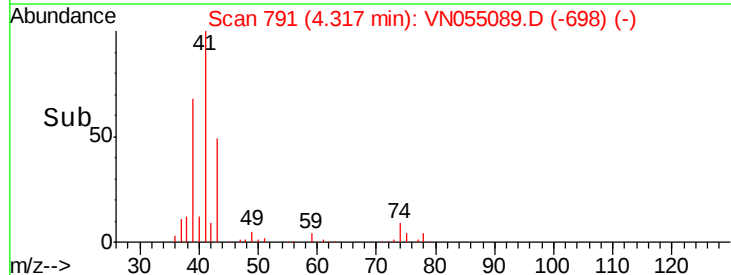
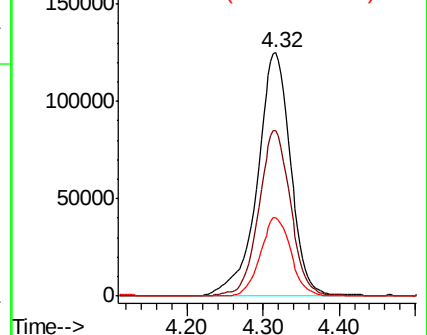
76 29.7 23.2 34.8

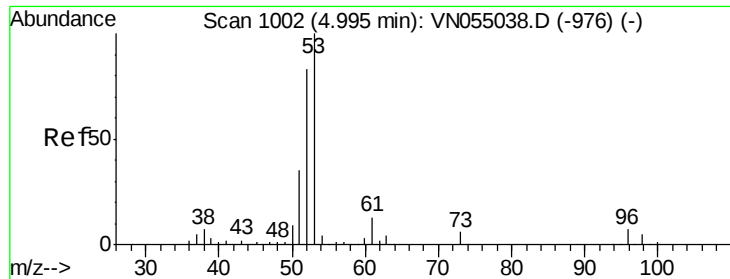


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 249.021 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

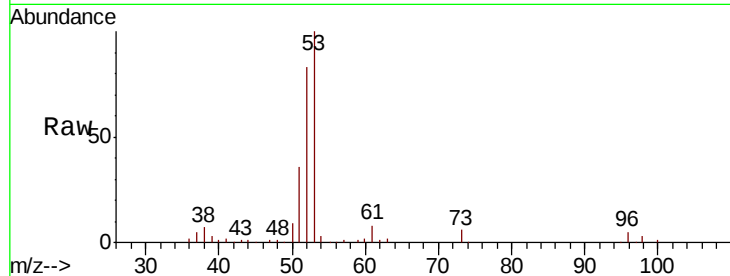
Tot Ion: 53 Resp: 434076

Ion Ratio Lower Upper

53 100

52 82.9 65.9 98.9

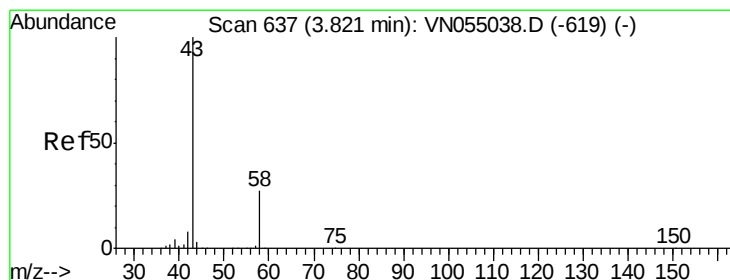
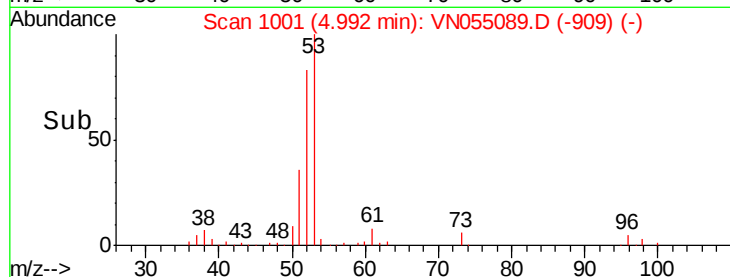
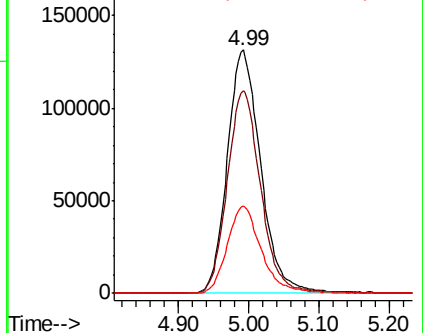
51 36.5 29.7 44.5



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: 203.433 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN055089.D

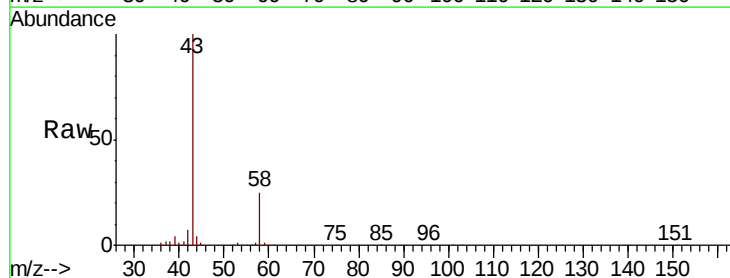
Acq: 16 Apr 2019 19:57

Tgt Ion: 43 Resp: 293483

Ion Ratio Lower Upper

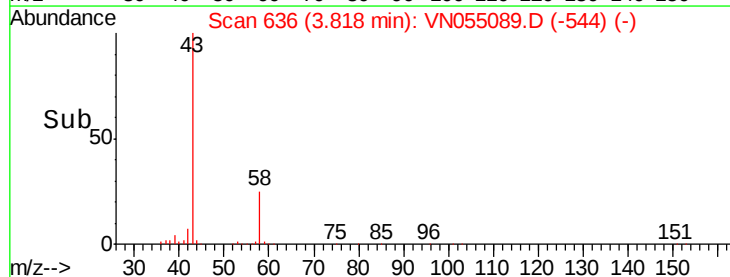
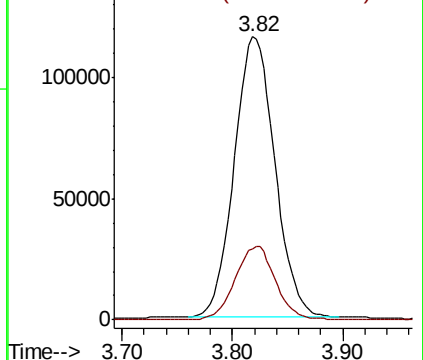
43 100

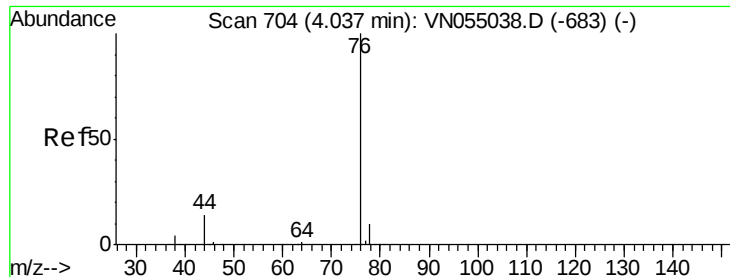
58 25.4 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

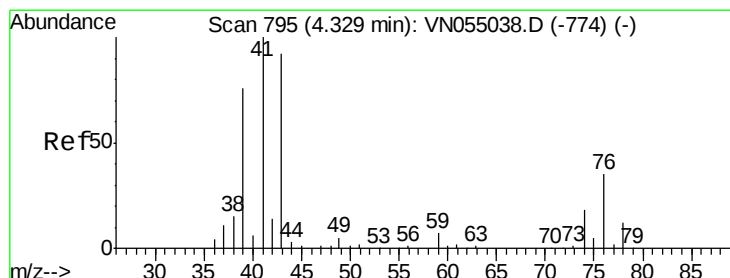
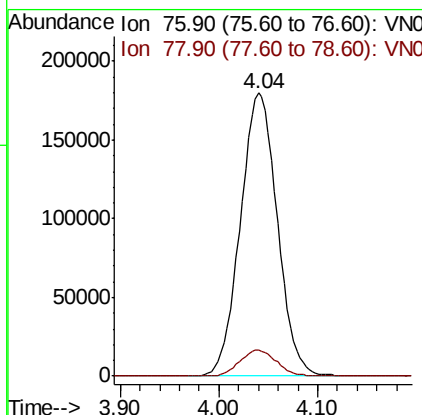
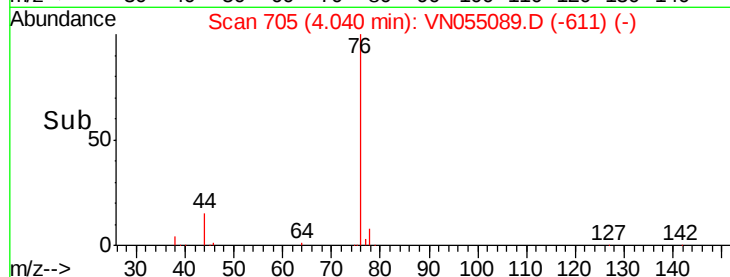
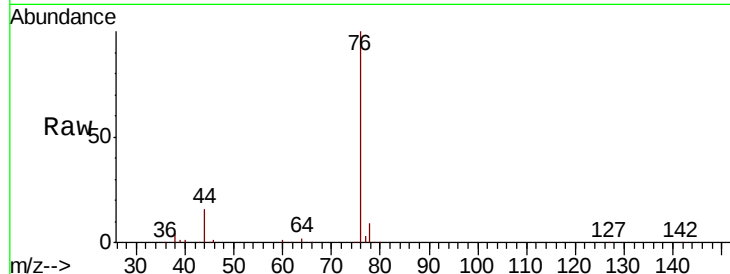




#17
Carbon Disulfide
Concen: 45.427 ug/l
RT: 4.04 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

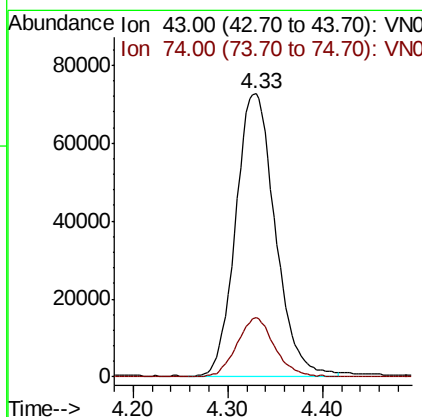
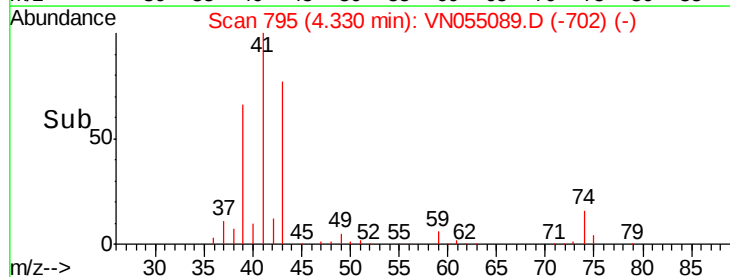
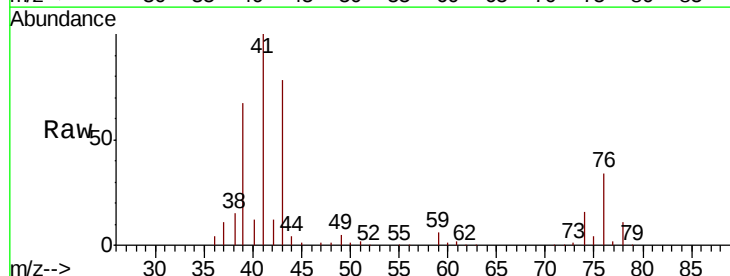
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

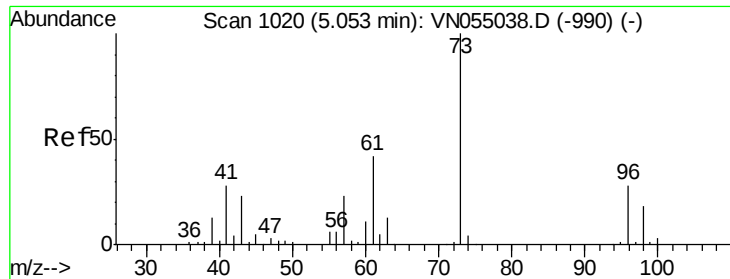
Tot Ion: 76 Resp: 465407
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 50.548 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

Tgt Ion: 43 Resp: 210153
Ion Ratio Lower Upper
43 100
74 20.0 16.1 24.1

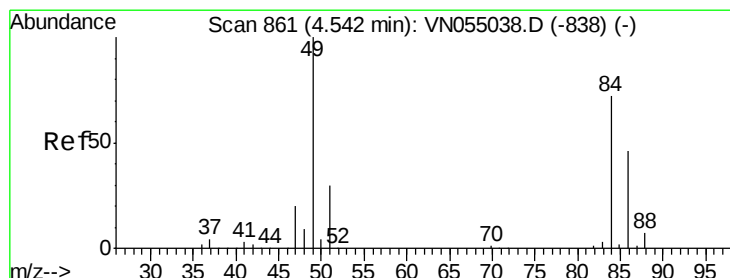
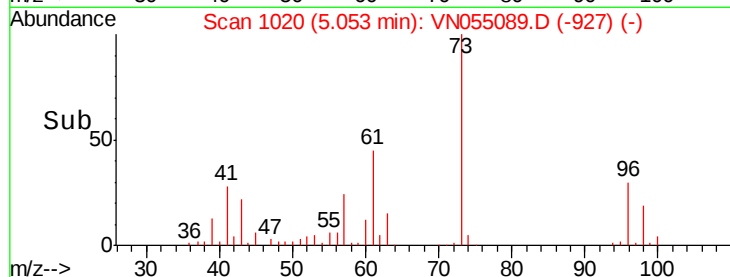
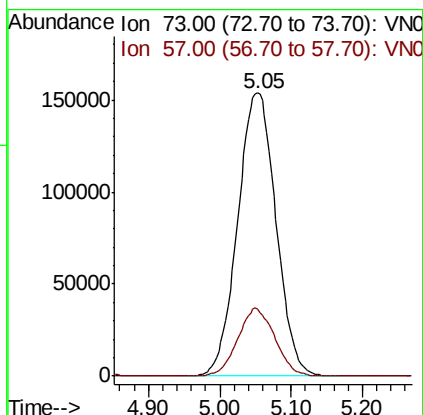
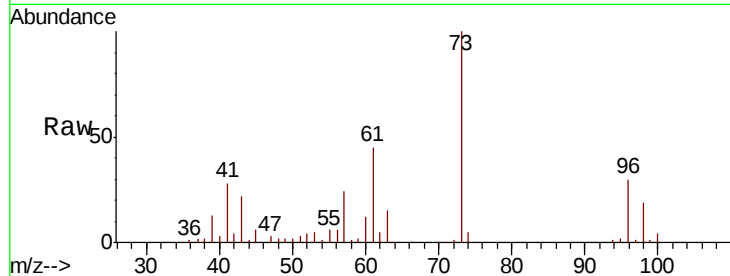




#19
Methvl tert-butvl Ether
Concen: 50.538 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

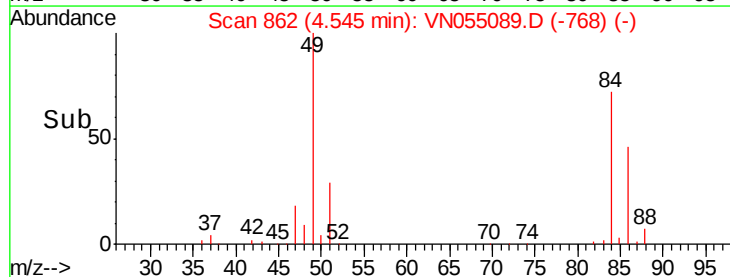
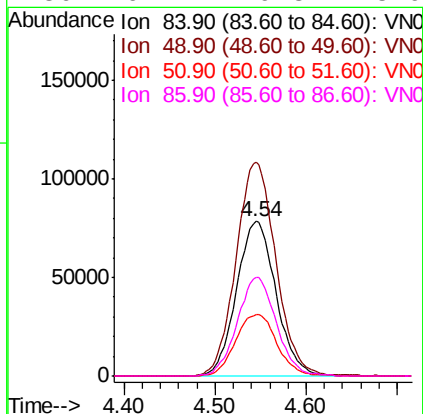
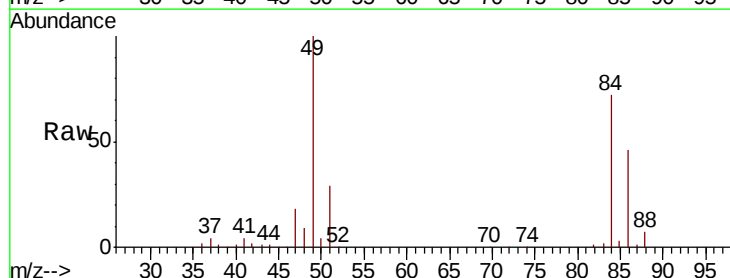
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

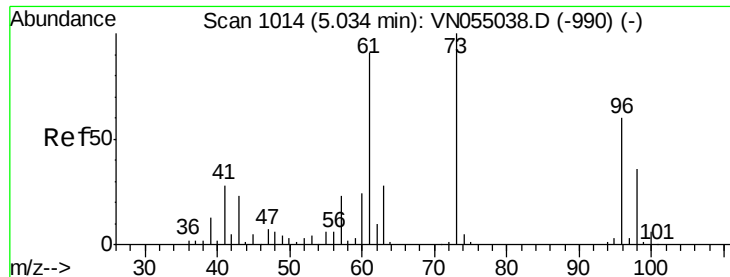
Tot Ion: 73 Resp: 573768
Ion Ratio Lower Upper
73 100
57 23.6 19.0 28.4



#20
Methylene Chloride
Concen: 46.570 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

Tgt Ion: 84 Resp: 236173
Ion Ratio Lower Upper
84 100
49 138.3 109.4 164.2
51 39.8 32.2 48.4
86 64.1 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 48.451 ug/l

RT: 5.03 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

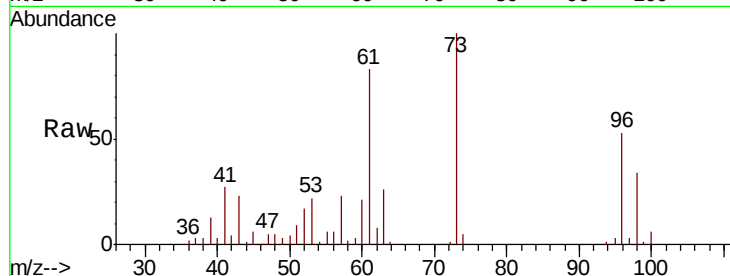
Tot Ion: 96 Resp: 207978

Ion Ratio Lower Upper

96 100

61 154.3 114.9 172.3

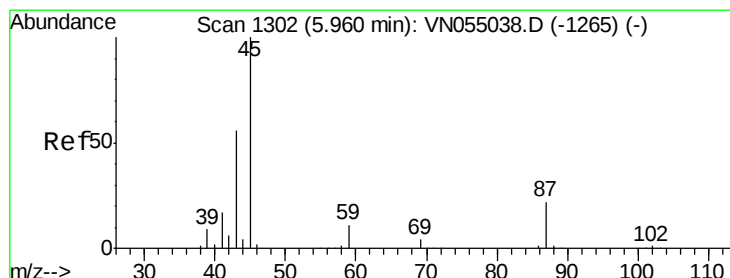
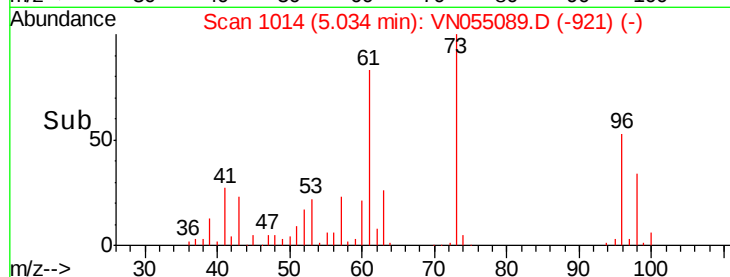
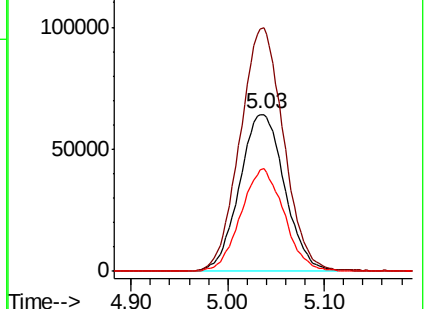
98 64.5 48.4 72.6



Abundance Ion 95.90 (95.60 to 96.60): VN055089.D (-1209) (-)

Ion 60.90 (60.60 to 61.60): VN055089.D (-1209) (-)

Ion 97.90 (97.60 to 98.60): VN055089.D (-1209) (-)



#22

Diisopropyl ether

Concen: 51.395 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

Tgt Ion: 45 Resp: 820786

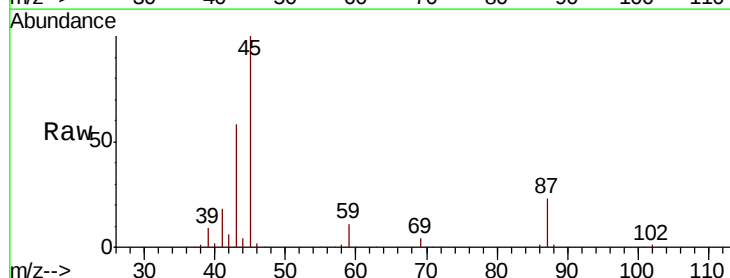
Ion Ratio Lower Upper

45 100

43 57.3 44.8 67.2

87 23.0 18.9 28.3

59 10.4 7.9 11.9

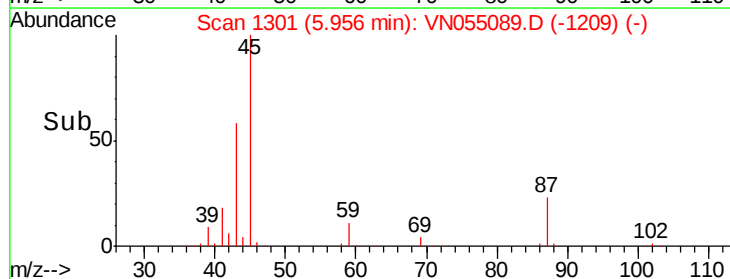
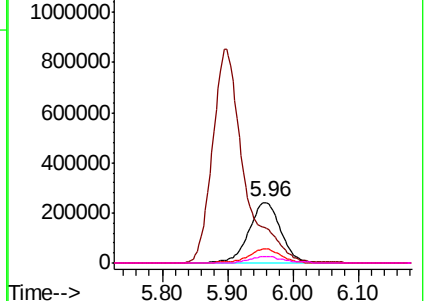


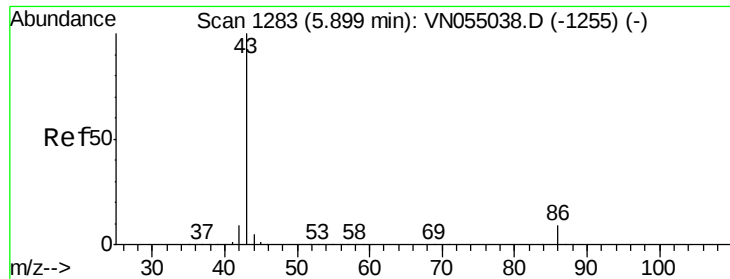
Abundance Ion 45.00 (44.70 to 45.70): VN055089.D (-1209) (-)

Ion 43.00 (42.70 to 43.70): VN055089.D (-1209) (-)

Ion 87.00 (86.70 to 87.70): VN055089.D (-1209) (-)

Ion 59.00 (58.70 to 59.70): VN055089.D (-1209) (-)





#23

Vinyl Acetate

Concen: 270.363 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

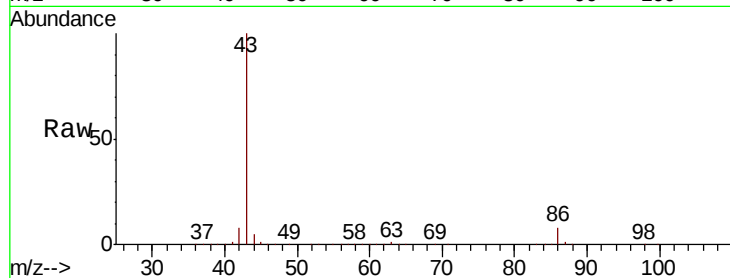
VSTDCCC050EC

Tot Ion: 43 Resp: 2853976

Ion Ratio Lower Upper

43 100

86 8.4 7.0 10.4



Abundance Ion 43.00 (42.70 to 43.70): VN055089.D (-1190) (-)

Ion 86.00 (85.70 to 86.70): VN055089.D (-1190) (-)

5.90

800000

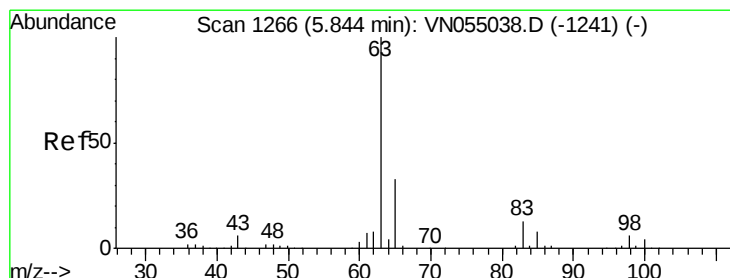
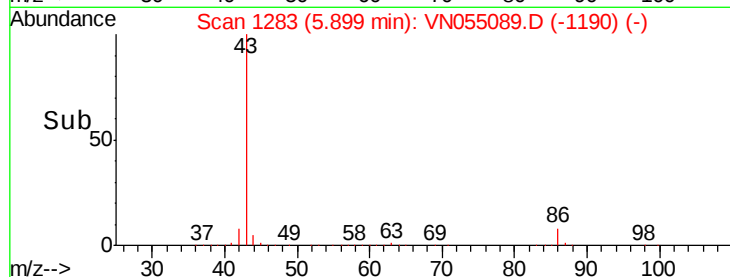
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.132 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

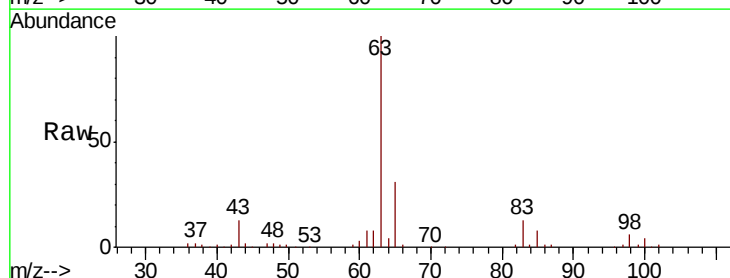
Tgt Ion: 63 Resp: 426344

Ion Ratio Lower Upper

63 100

98 6.4 2.8 8.4

100 3.5 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN055089.D (-1173) (-)

Ion 97.90 (97.60 to 98.60): VN055089.D (-1173) (-)

Ion 99.90 (99.60 to 100.60): VN055089.D (-1173) (-)

5.85

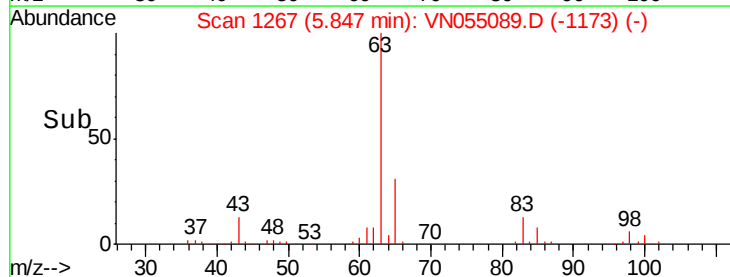
150000

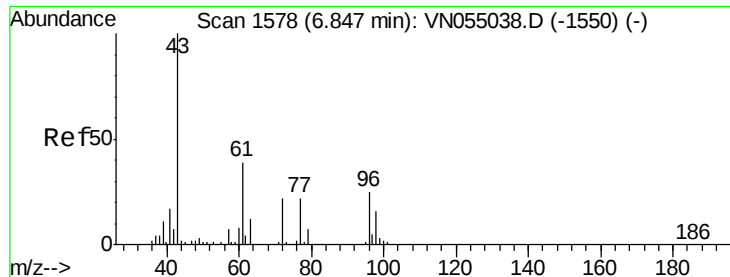
100000

50000

0

Time-->





#25

2-Butanone

Concen: 245.145 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

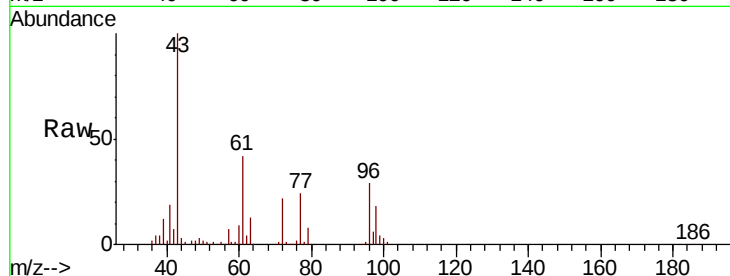
VSTDCCC050EC

Tot Ion: 43 Resp: 527831

Ion Ratio Lower Upper

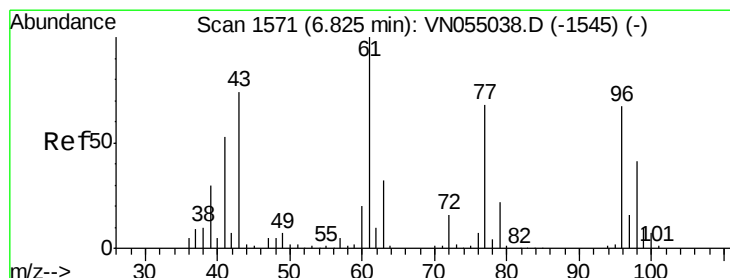
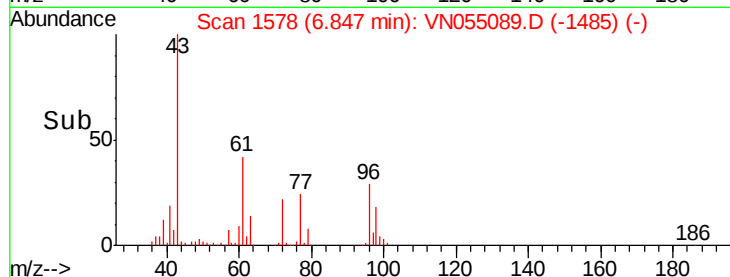
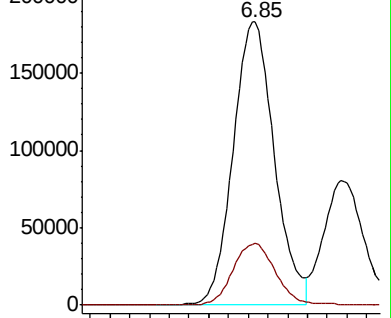
43 100

72 21.9 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 50.509 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN055089.D

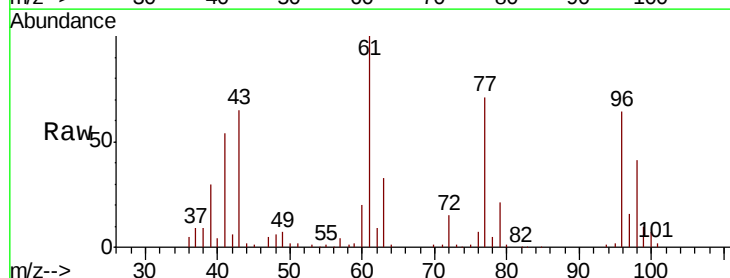
Acq: 16 Apr 2019 19:57

Tgt Ion: 77 Resp: 271118

Ion Ratio Lower Upper

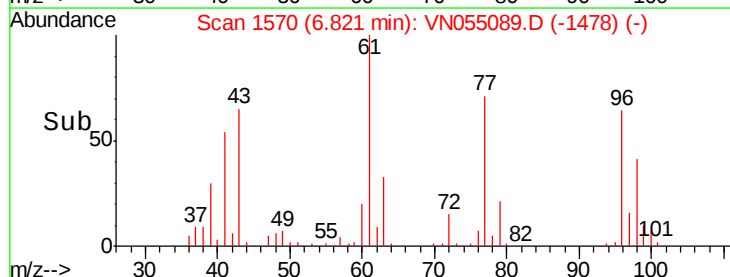
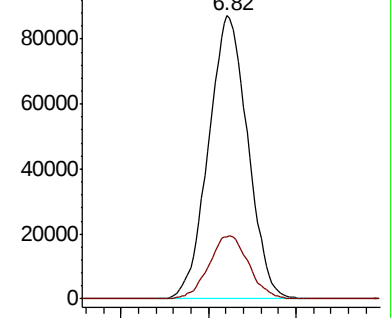
77 100

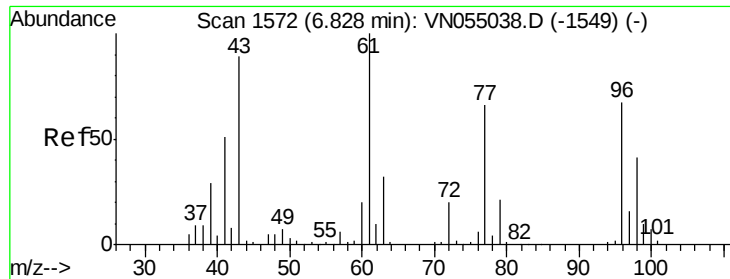
97 22.6 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

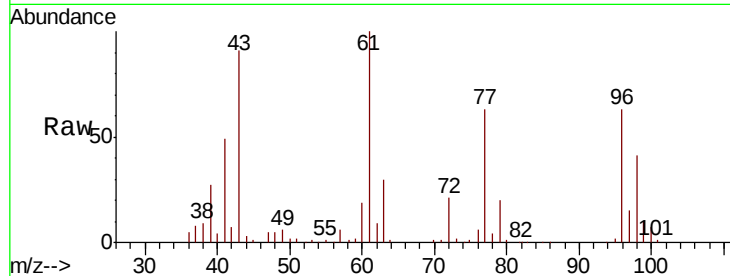




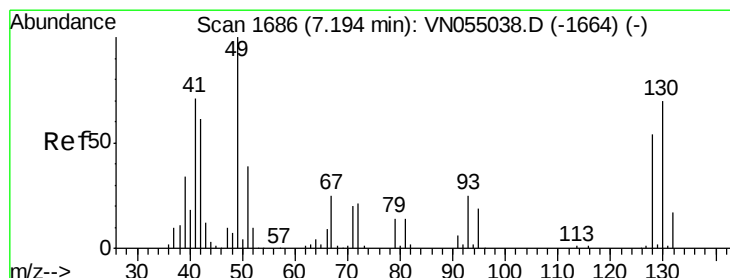
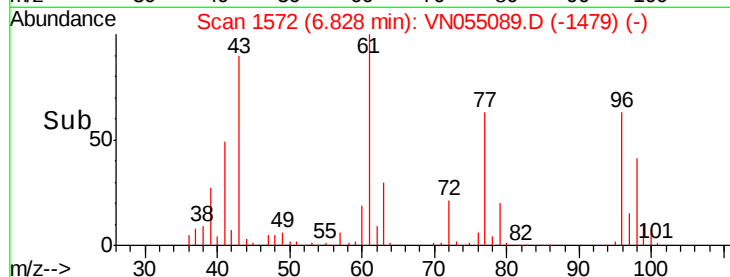
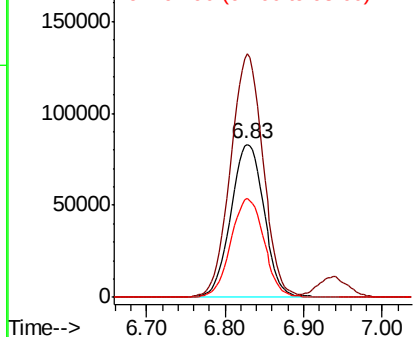
#27
 cis-1,2-Dichloroethene
 Concen: 50.361 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN055089.D
 Acq: 16 Apr 2019 19:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 244569
 Ion Ratio Lower Upper
 96 100
 61 155.6 0.0 311.0
 98 64.8 0.0 127.4

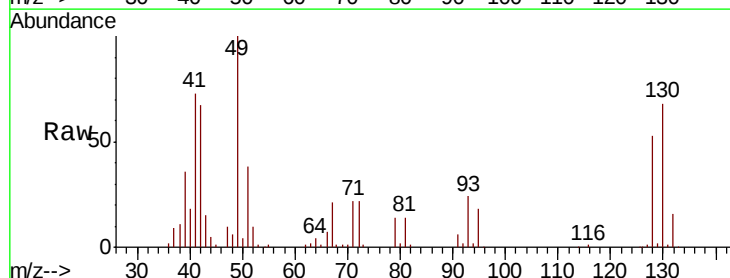


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

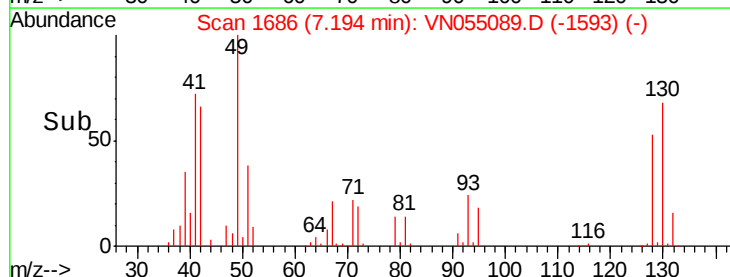
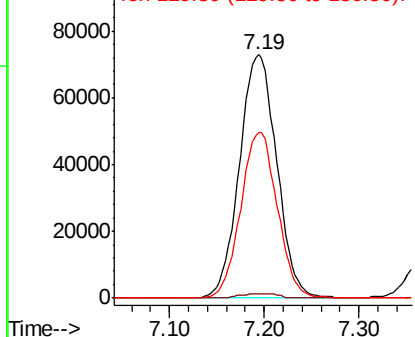


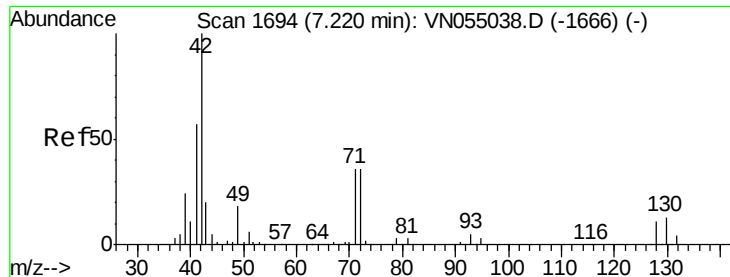
#28
 Bromochloromethane
 Concen: 48.704 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VN055089.D
 Acq: 16 Apr 2019 19:57

Tgt Ion: 49 Resp: 199664
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 2.0
 130 66.8 53.4 80.2



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

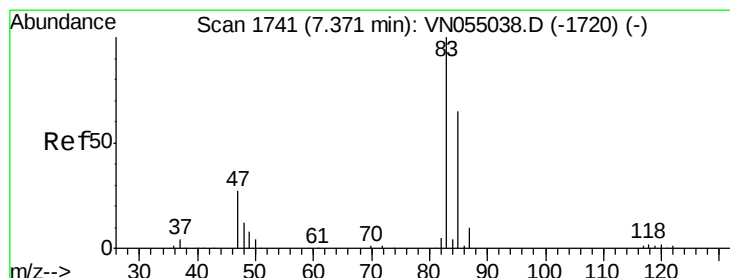
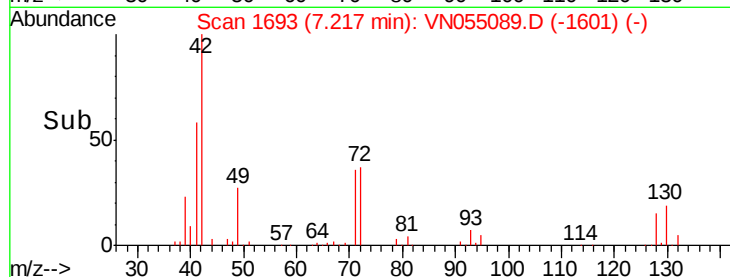
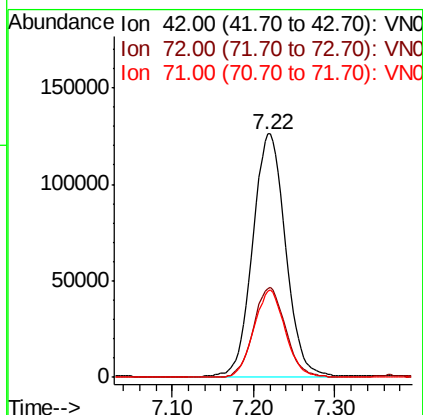
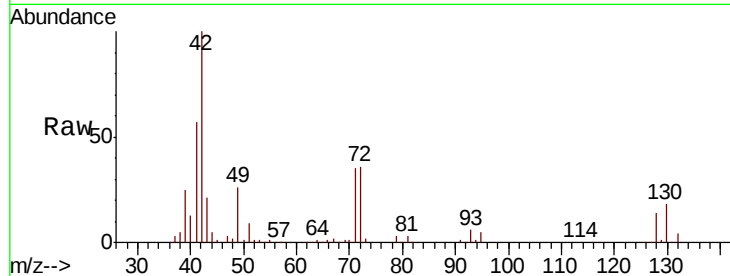




#29
Tetrahydrofuran
Concen: 249.547 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

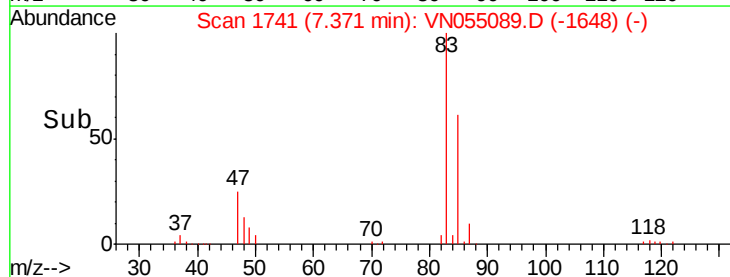
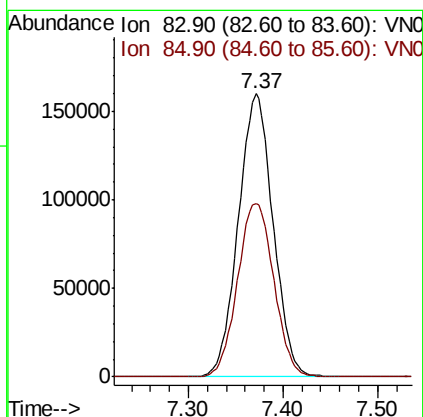
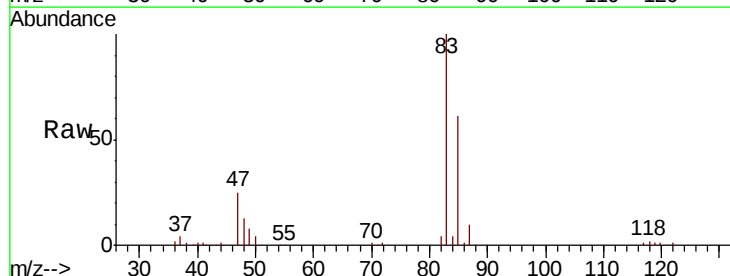
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

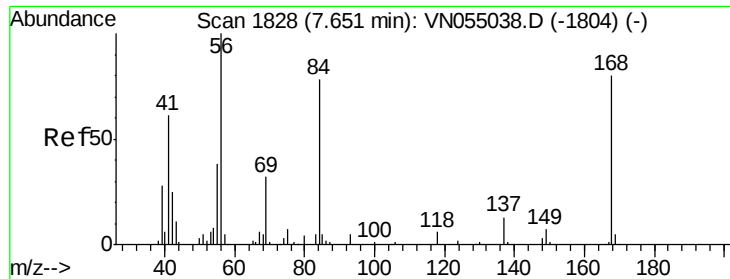
Tot Ion: 42 Resp: 352351
Ion Ratio Lower Upper
42 100
72 36.0 29.4 44.0
71 34.3 27.8 41.6



#30
Chloroform
Concen: 49.393 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

Tgt Ion: 83 Resp: 408029
Ion Ratio Lower Upper
83 100
85 61.4 51.8 77.6

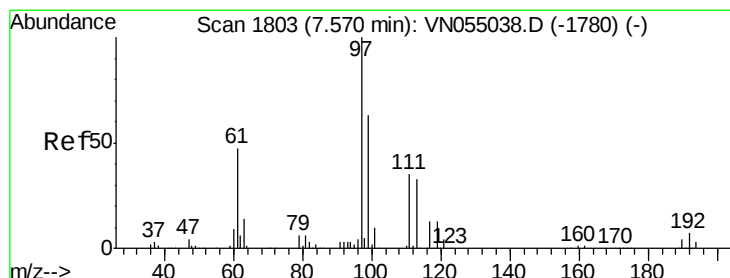
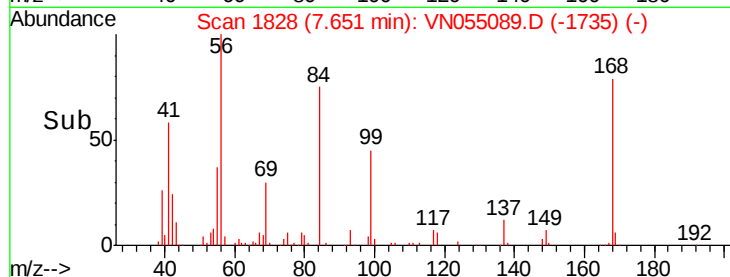
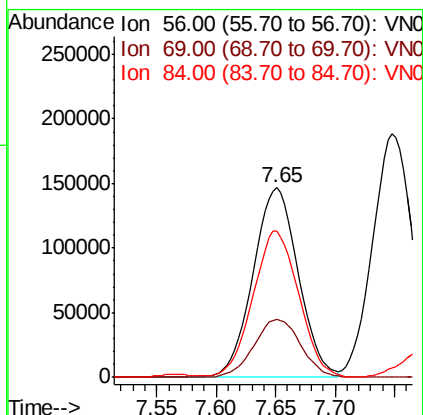
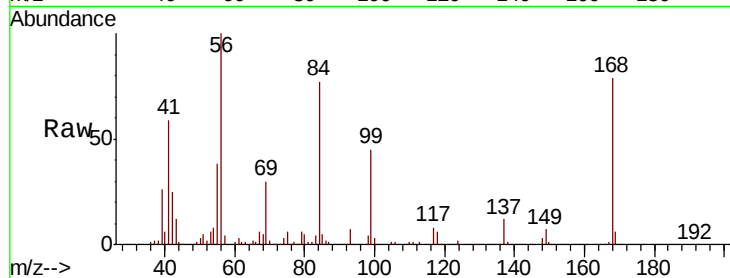




#31
Cyclohexane
Concen: 51.385 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

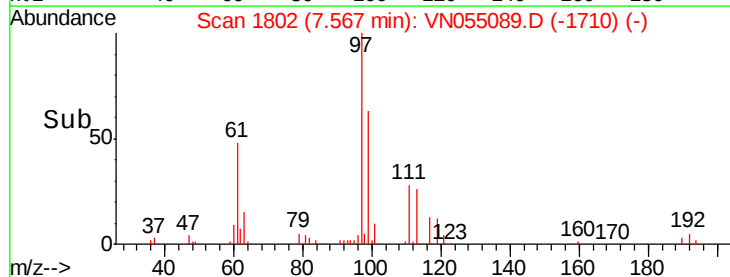
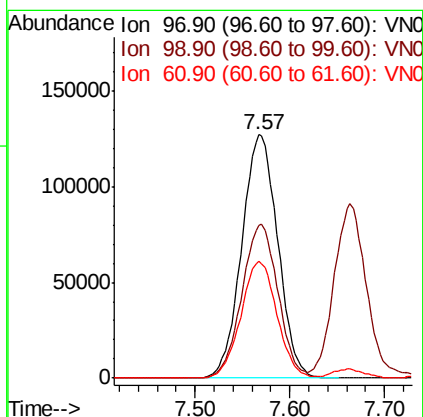
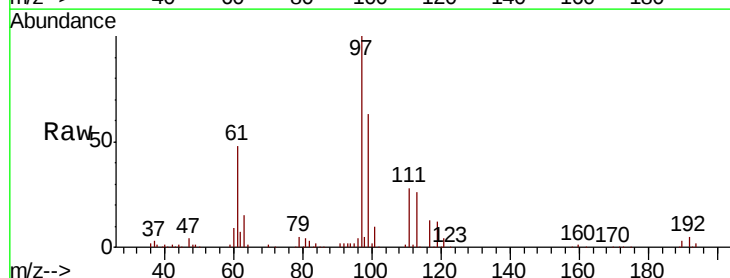
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

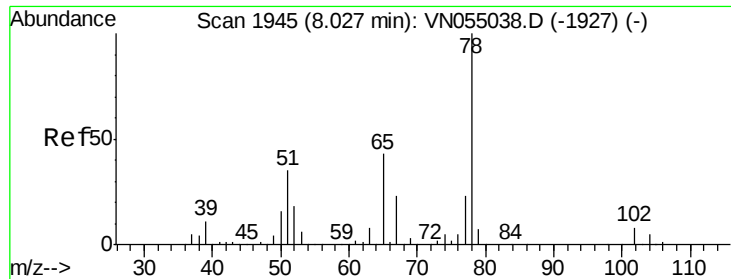
Tot Ion: 56 Resp: 386098
Ion Ratio Lower Upper
56 100
69 30.4 24.5 36.7
84 76.0 62.9 94.3



#32
1,1,1-Trichloroethane
Concen: 51.382 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

Tgt Ion: 97 Resp: 336285
Ion Ratio Lower Upper
97 100
99 63.3 51.6 77.4
61 48.0 38.3 57.5

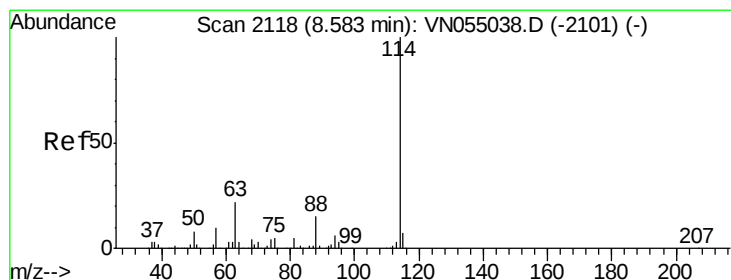
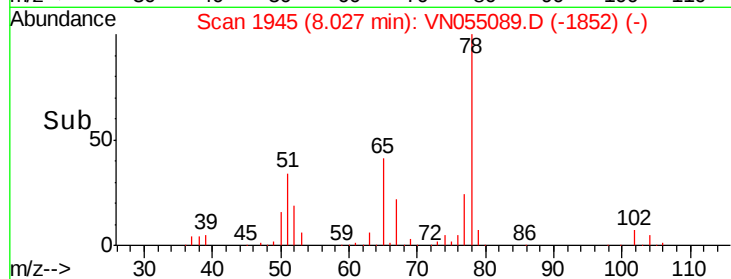
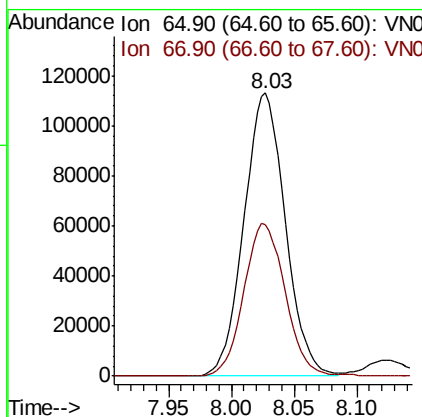
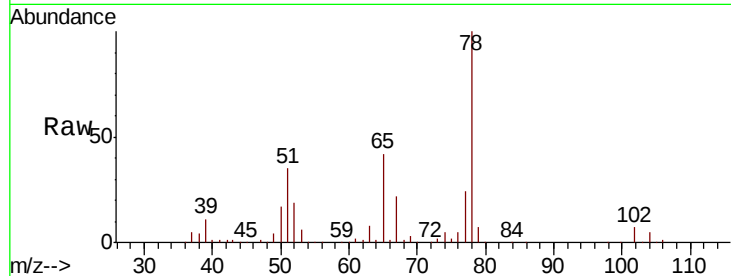




#33
 1,2-Dichloroethane-d4
 Concen: 48.869 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055089.D
 Acq: 16 Apr 2019 19:57

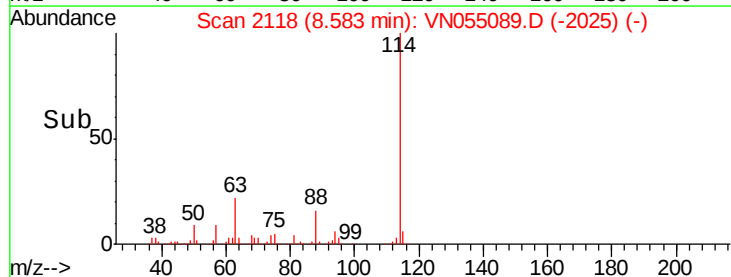
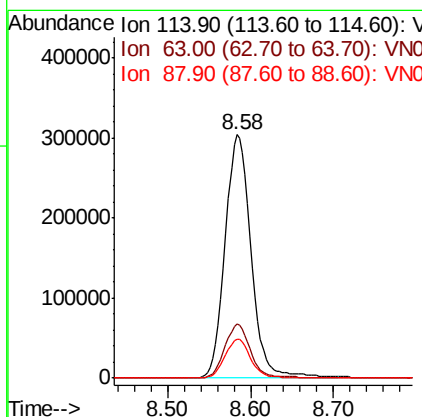
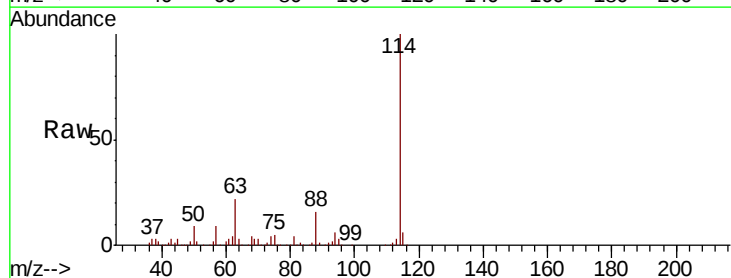
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

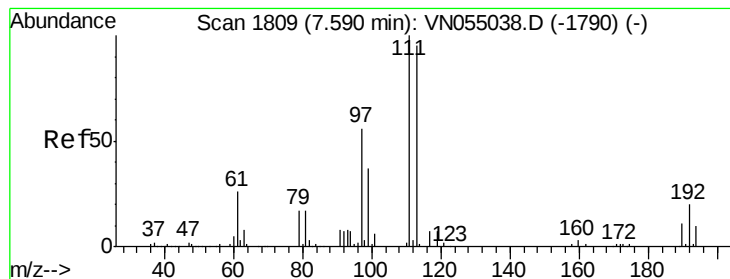
Tot Ion: 65 Resp: 259748
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055089.D
 Acq: 16 Apr 2019 19:57

Tgt Ion: 114 Resp: 666312
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.2
 88 16.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.767 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

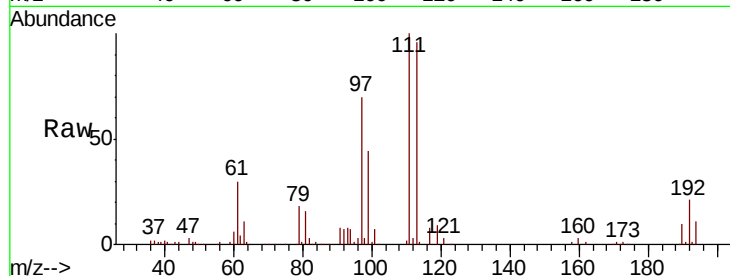
Tot Ion:113 Resp: 212706

Ion Ratio Lower Upper

113 100

111 104.5 82.1 123.1

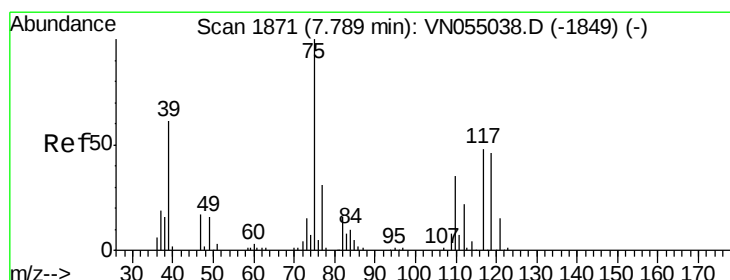
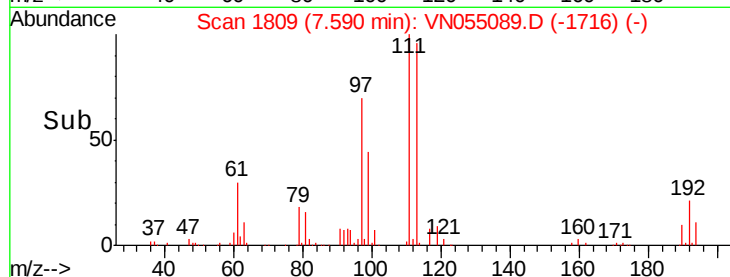
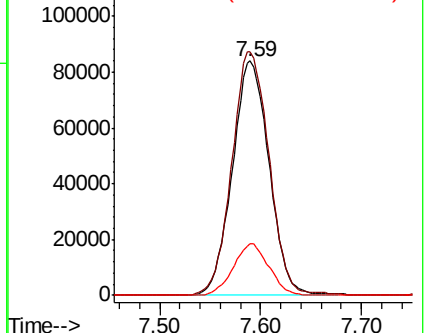
192 21.2 16.5 24.7



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: 47.251 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

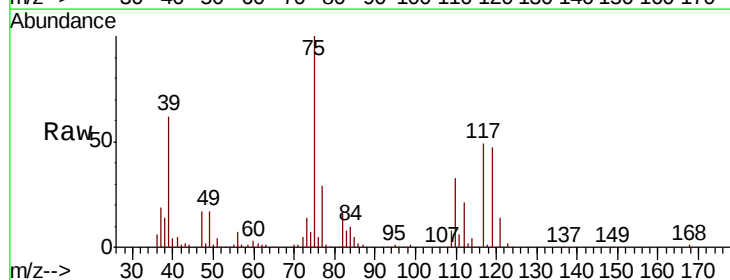
Tgt Ion: 75 Resp: 296792

Ion Ratio Lower Upper

75 100

110 34.6 17.5 52.5

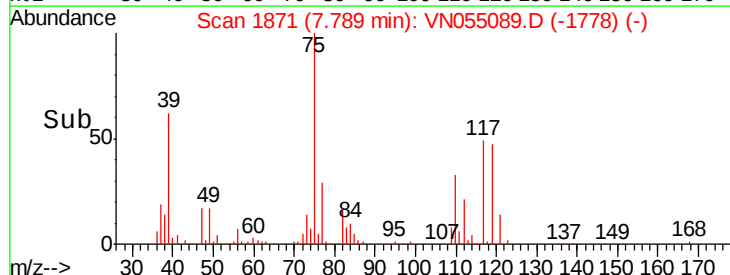
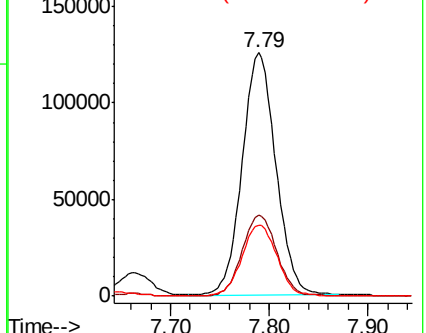
77 30.7 24.9 37.3

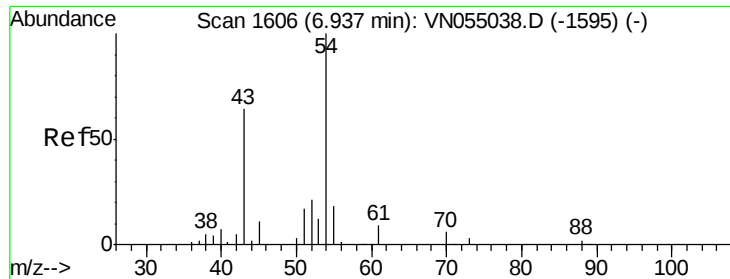


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

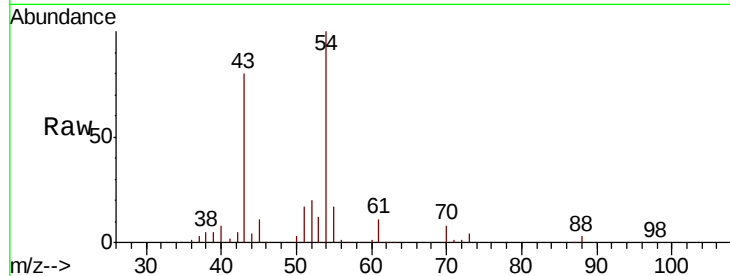




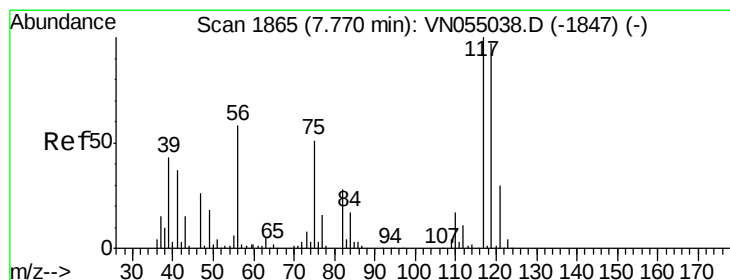
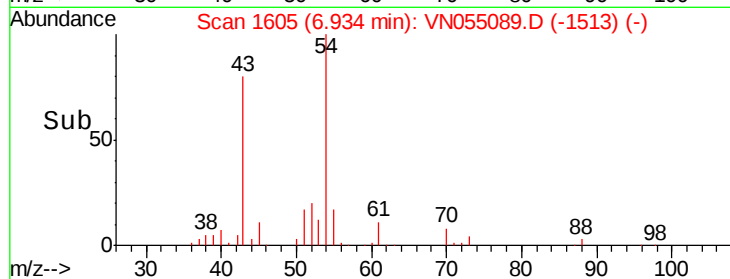
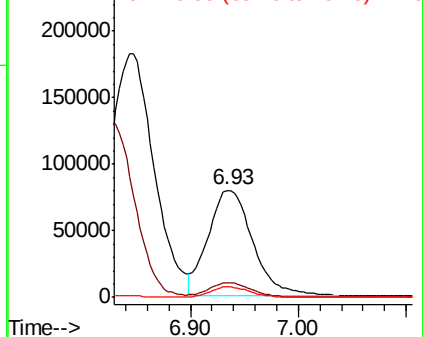
#37
Ethyl Acetate
Concen: 44.644 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 228293
Ion Ratio Lower Upper
43 100
61 12.9 10.0 15.0
70 8.9 7.1 10.7

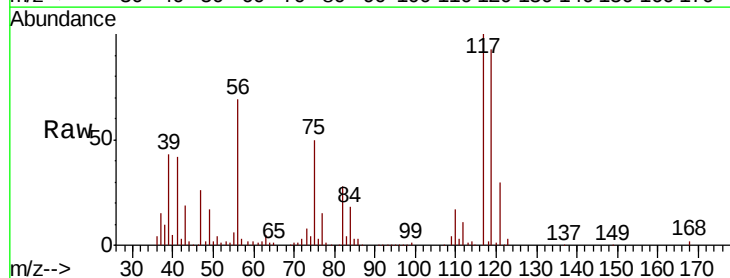


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

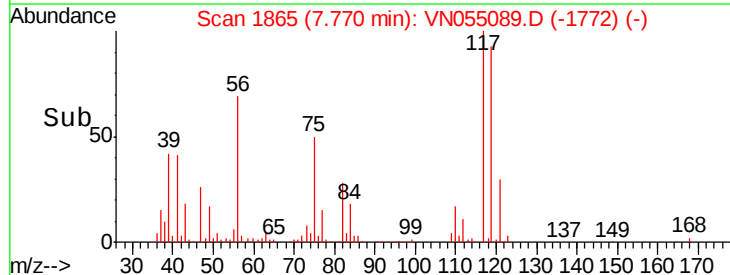
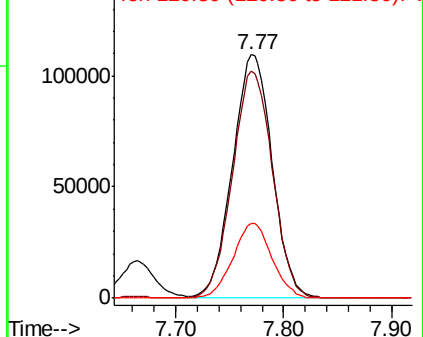


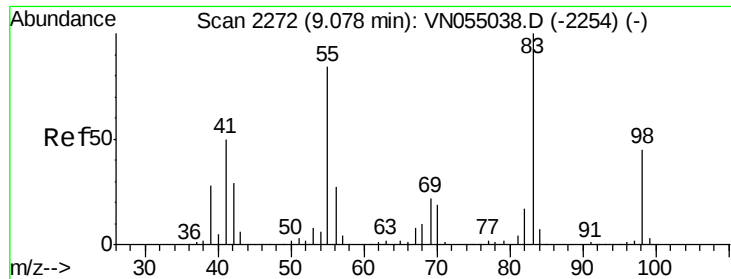
#38
Carbon Tetrachloride
Concen: 46.945 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

Tgt Ion: 117 Resp: 280544
Ion Ratio Lower Upper
117 100
119 93.4 76.3 114.5
121 30.4 23.9 35.9



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

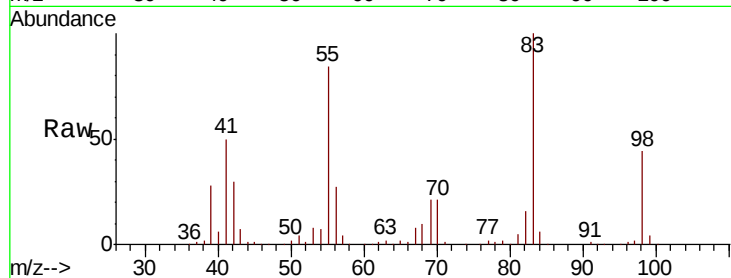




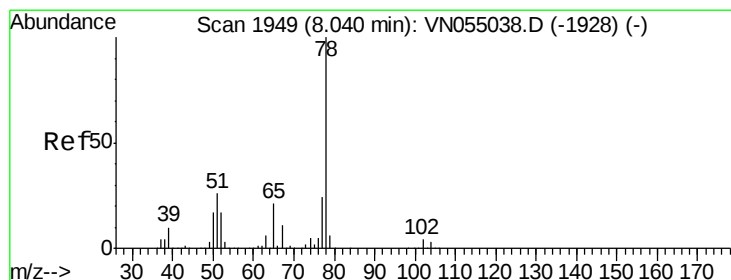
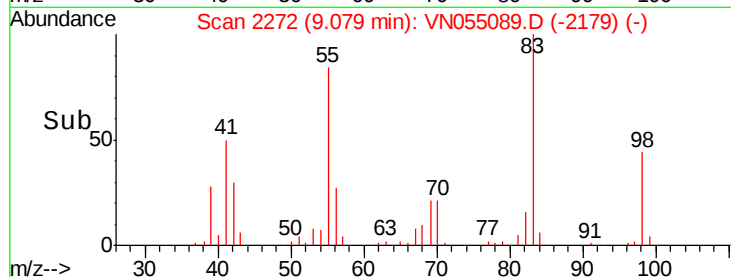
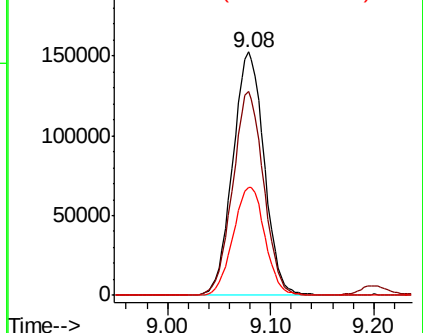
#39
Methvlcvclohexane
Concen: 47.481 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 323180
Ion Ratio Lower Upper
83 100
55 83.9 67.0 100.4
98 44.3 35.6 53.4

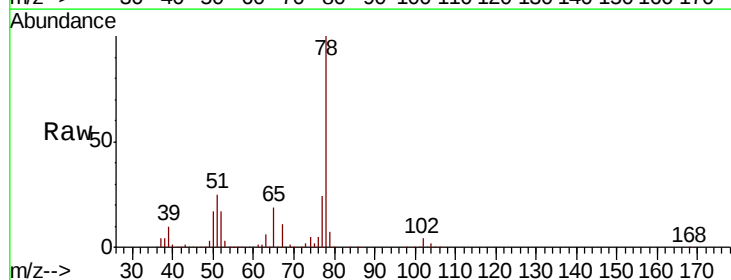


Abundance Ion 83.00 (82.70 to 83.70): VNC
Ion 55.00 (54.70 to 55.70): VNC
Ion 98.00 (97.70 to 98.70): VNC

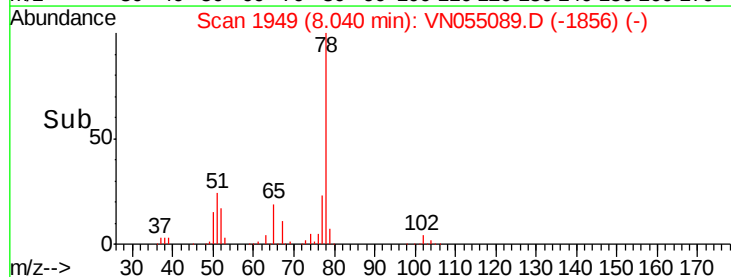
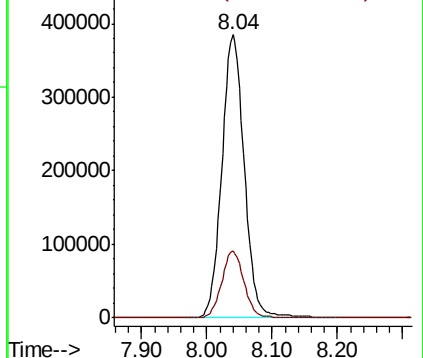


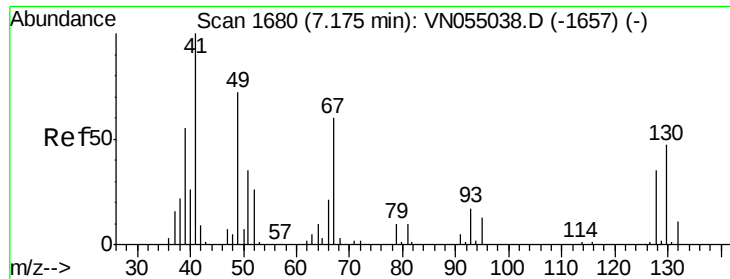
#40
Benzene
Concen: 48.482 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

Tgt Ion: 78 Resp: 917806
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2



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

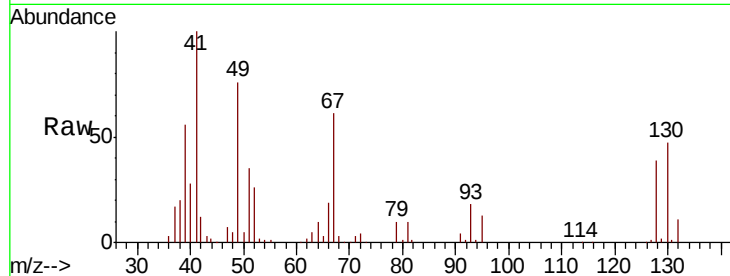




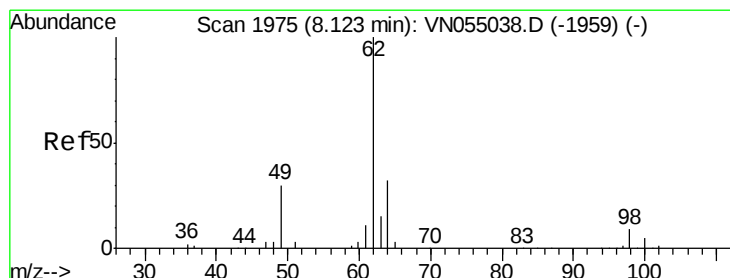
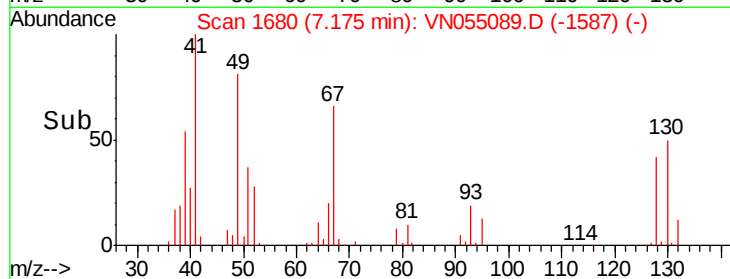
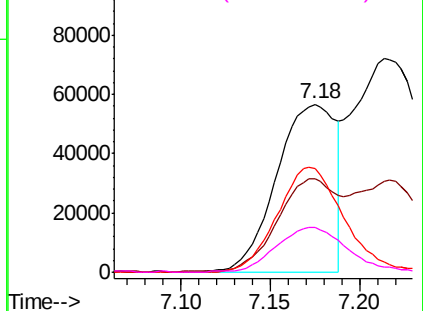
#41
Methacrylonitrile
Concen: 45.919 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	130346
Ion	Ratio	Lower	Upper
41	100		
39	56.7	45.6	68.4
67	71.1	57.0	85.6
52	32.5	23.6	35.4

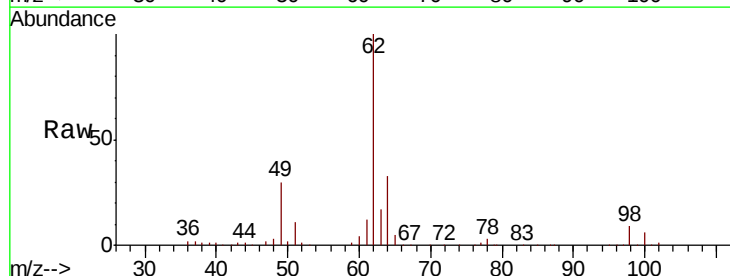


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

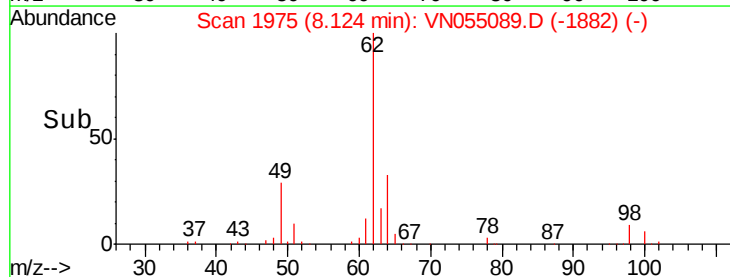
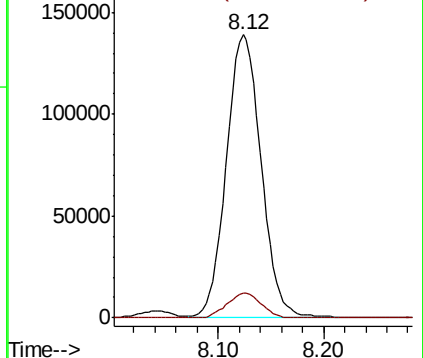


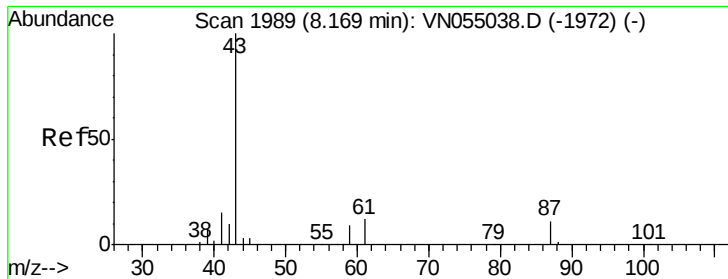
#42
1,2-Dichloroethane
Concen: 48.006 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

Tgt Ion:	62	Resp:	315530
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.4



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO



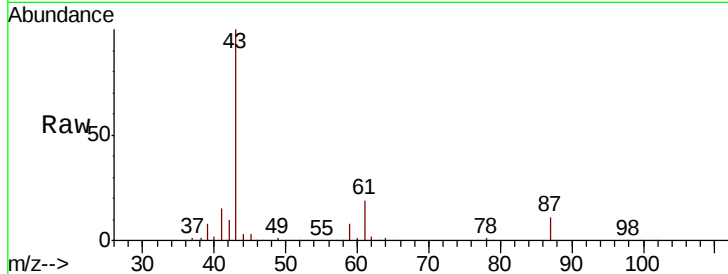


#43

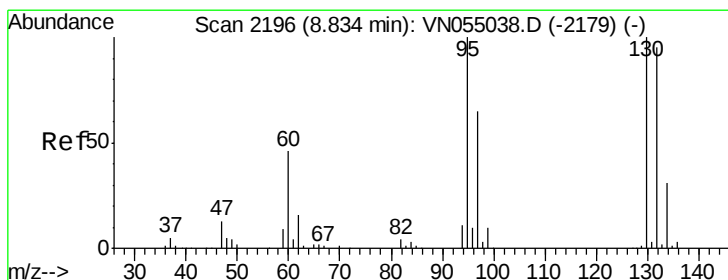
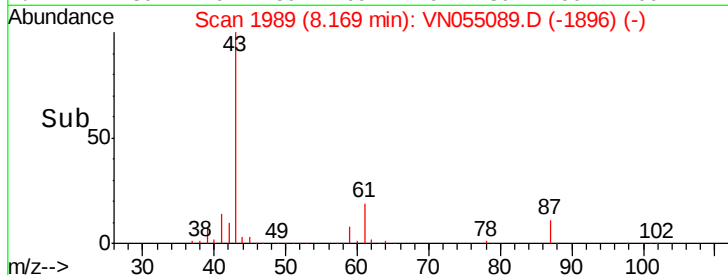
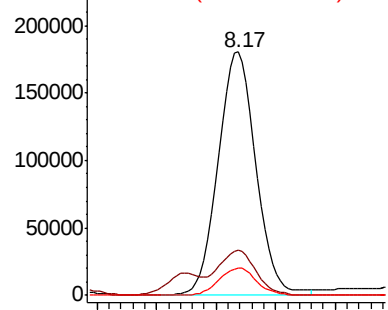
Isopropyl Acetate
 Concen: 50.222 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN055089.D
 Acq: 16 Apr 2019 19:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 395722
 Ion Ratio Lower Upper
 43 100
 61 17.8 14.3 21.5
 87 11.2 8.6 13.0



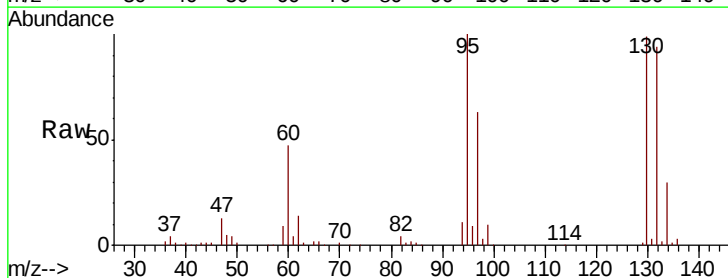
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



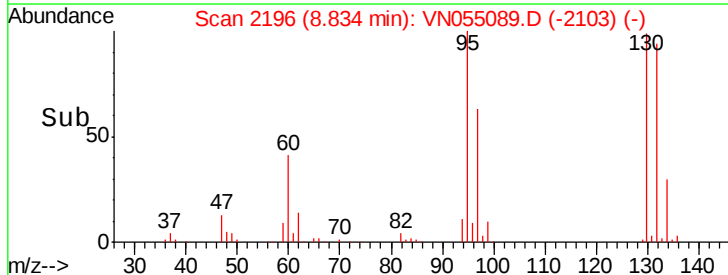
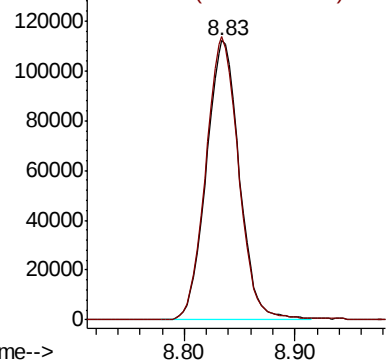
#44

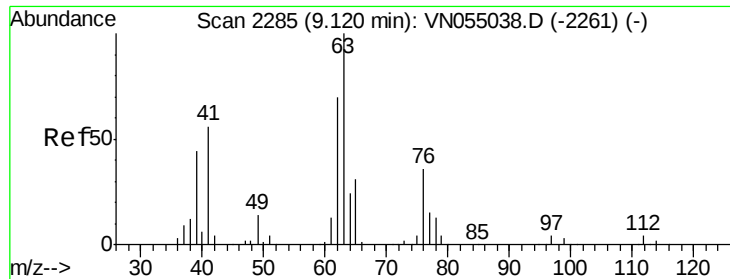
Trichloroethene
 Concen: 49.063 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN055089.D
 Acq: 16 Apr 2019 19:57

Tgt Ion: 130 Resp: 232644
 Ion Ratio Lower Upper
 130 100
 95 101.3 0.0 201.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0

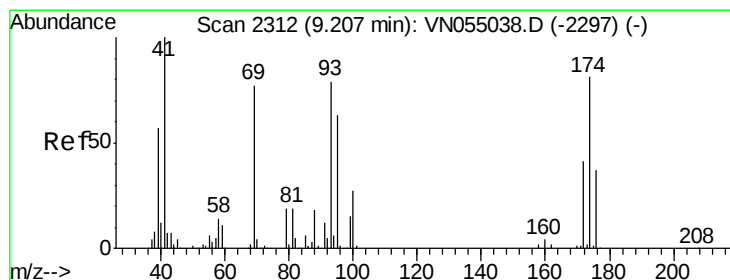
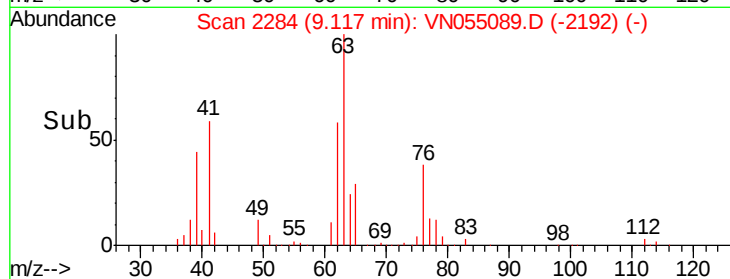
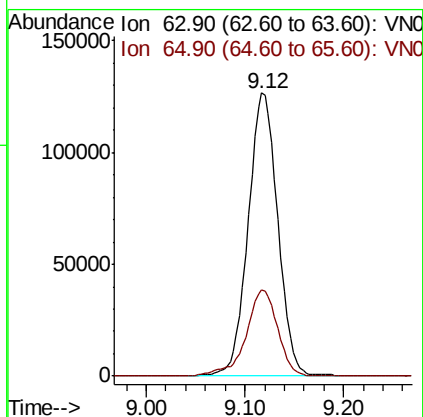
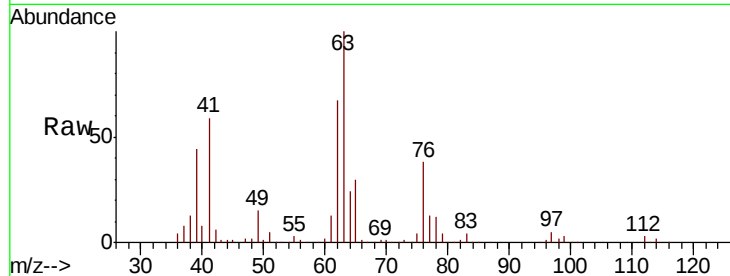




#45
 1,2-Dichloropropane
 Concen: 49.756 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN055089.D
 Acq: 16 Apr 2019 19:57

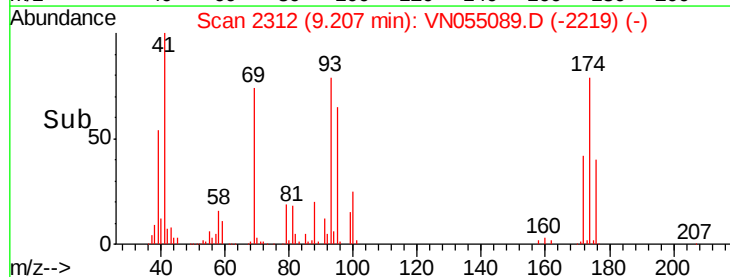
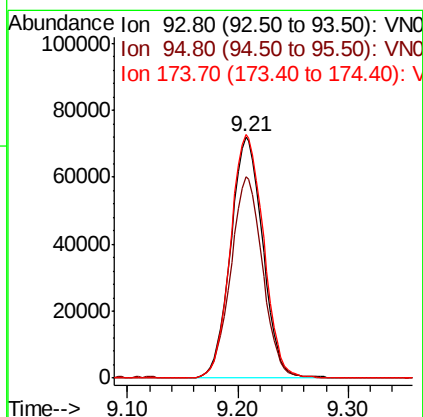
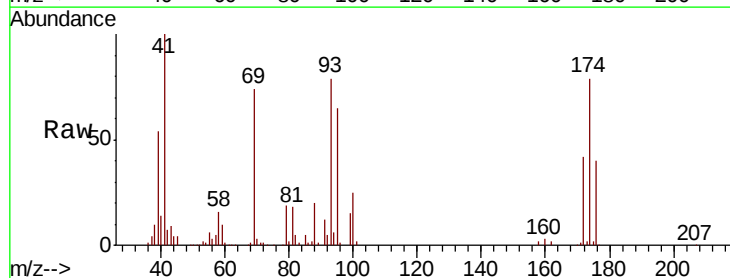
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

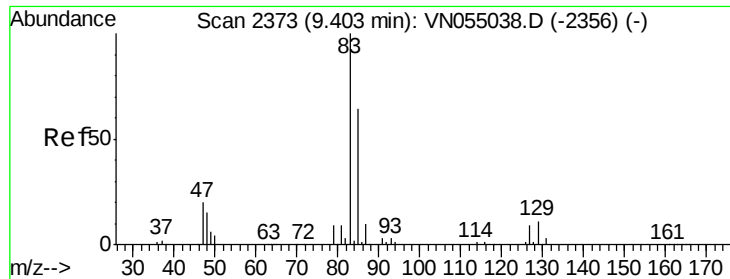
Tot Ion: 63 Resp: 262690
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.4 36.6



#46
 Dibromomethane
 Concen: 48.470 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN055089.D
 Acq: 16 Apr 2019 19:57

Tgt Ion: 93 Resp: 145655
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.0 97.6
 174 103.4 81.0 121.6





#47

Bromodichloromethane

Concen: 49.518 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

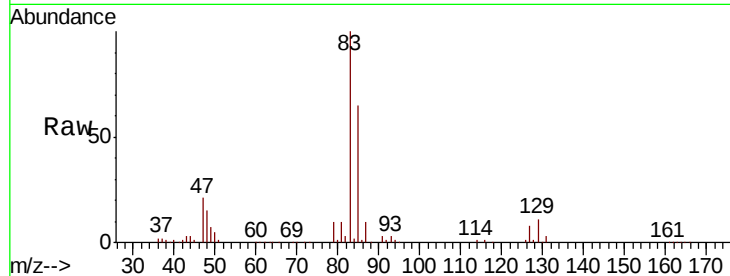
Tot Ion: 83 Resp: 306796

Ion Ratio Lower Upper

83 100

85 65.0 51.2 76.8

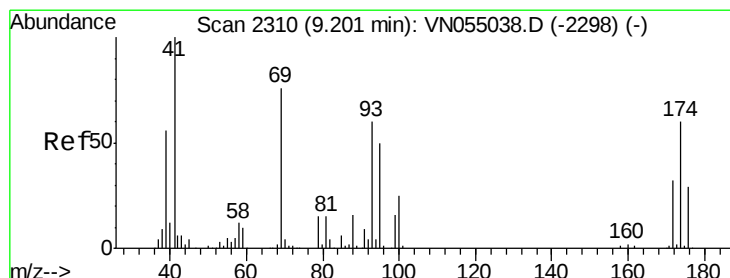
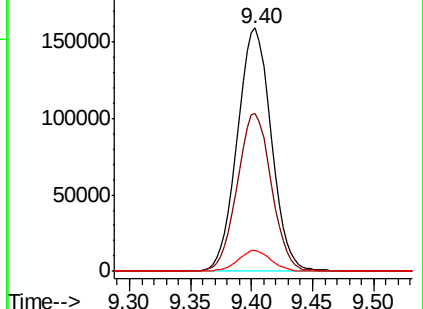
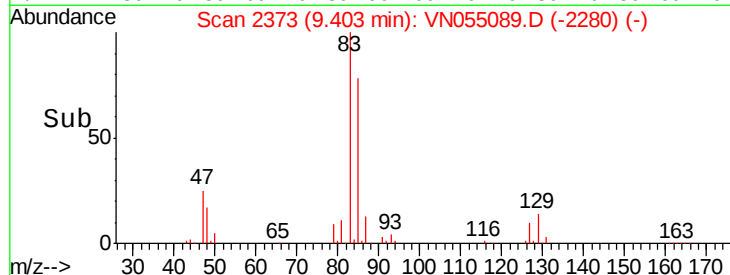
127 8.4 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN055089.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055089.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055089.D (-2280) (-)



#48

Methyl methacrylate

Concen: 50.666 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

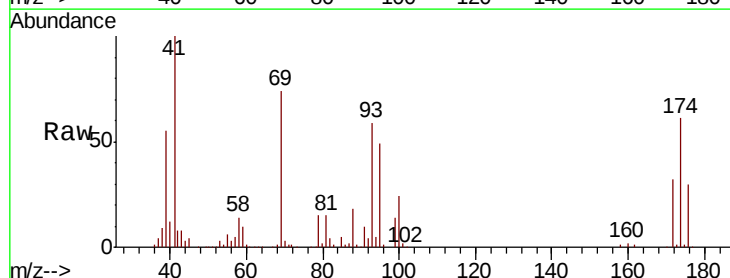
Tgt Ion: 41 Resp: 197875

Ion Ratio Lower Upper

41 100

69 77.6 60.5 90.7

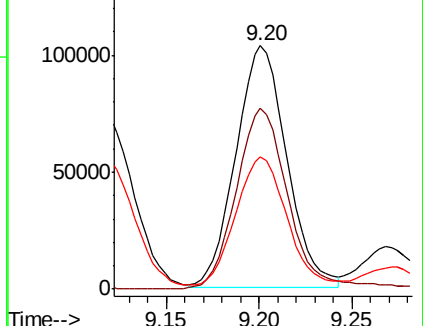
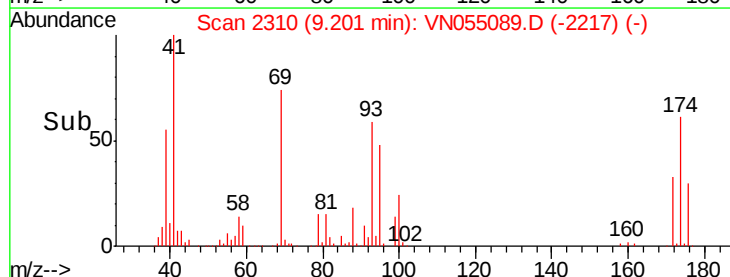
39 55.0 43.9 65.9

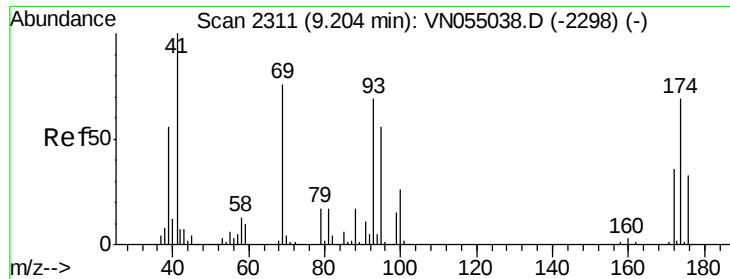


Abundance Ion 41.00 (40.70 to 41.70): VN055089.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055089.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055089.D (-2217) (-)





#49

1,4-Dioxane

Concen: 1118.506 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

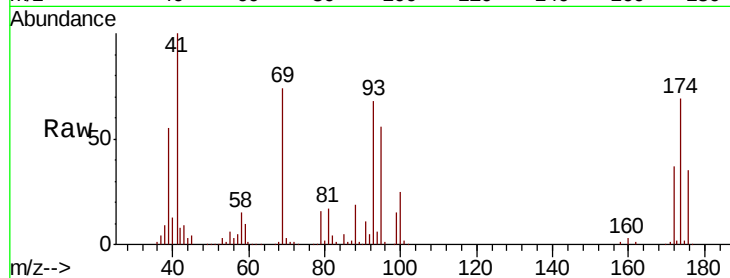
Tot Ion: 88 Resp: 40926

Ion Ratio Lower Upper

88 100

43 41.2 31.8 47.8

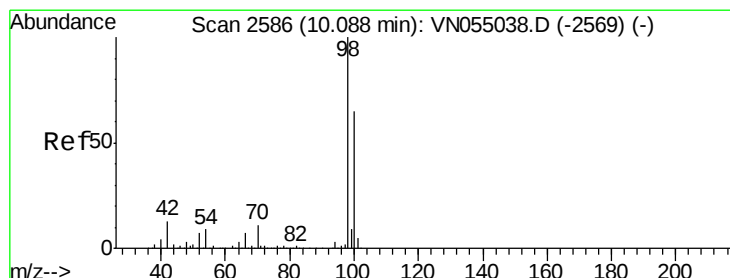
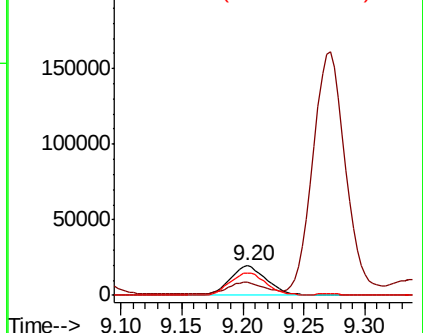
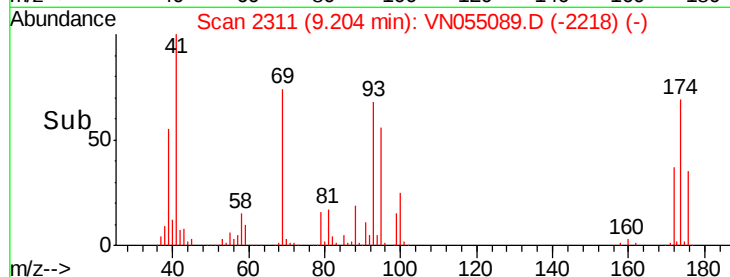
58 75.8 61.6 92.4



Abundance Ion 88.00 (87.70 to 88.70): VN055038.D (-2298) (-)

Ion 43.00 (42.70 to 43.70): VN055038.D (-2298) (-)

Ion 58.00 (57.70 to 58.70): VN055038.D (-2298) (-)



#50

Toluene-d8

Concen: 49.490 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055089.D

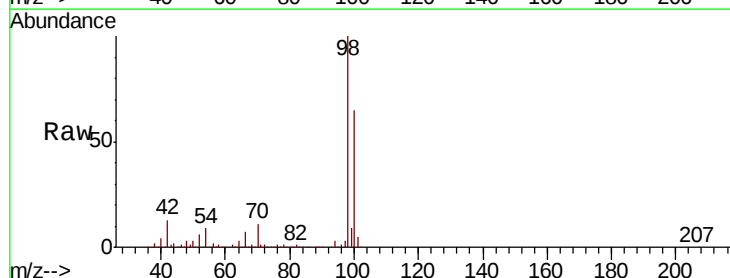
Acq: 16 Apr 2019 19:57

Tgt Ion: 98 Resp: 788757

Ion Ratio Lower Upper

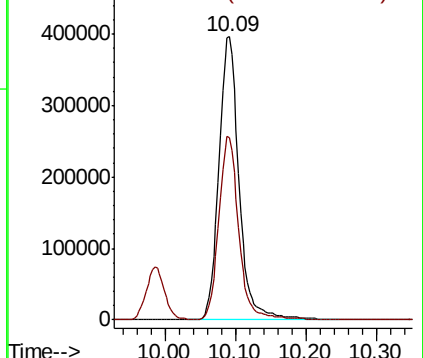
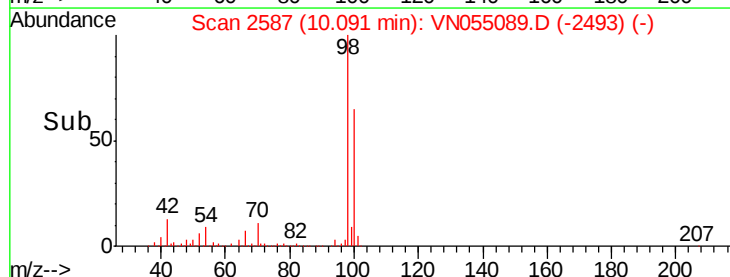
98 100

100 64.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN055038.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN055038.D (-2569) (-)





#51

4-Methyl-2-Pentanone

Concen: 248.432 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

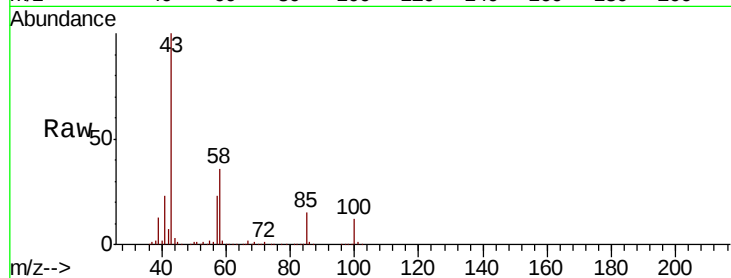
VSTDCCC050EC

Tot Ion: 43 Resp: 1130899

Ion Ratio Lower Upper

43 100

58 35.7 29.0 43.4



Abundance Ion 43.00 (42.70 to 43.70): VN055038.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN055038.D (-2535) (-)

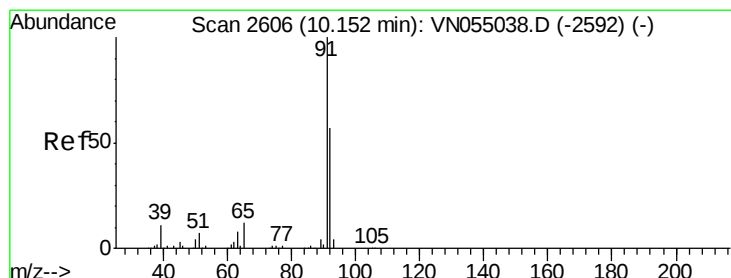
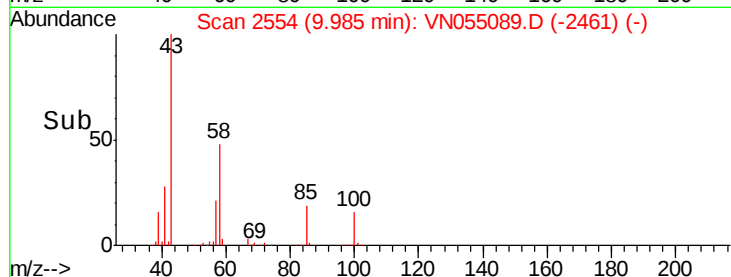
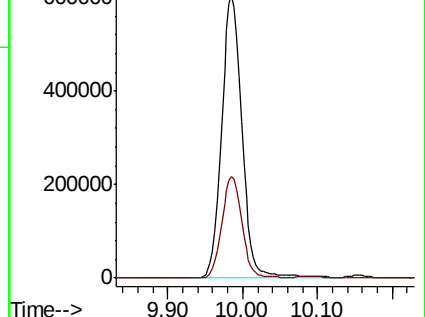
600000

400000

200000

0

9.90 10.00 10.10



#52

Toluene

Concen: 49.857 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055089.D

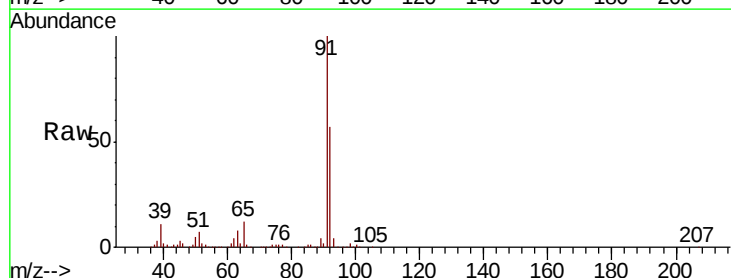
Acq: 16 Apr 2019 19:57

Tgt Ion: 92 Resp: 540574

Ion Ratio Lower Upper

92 100

91 176.1 140.8 211.2



Abundance Ion 92.00 (91.70 to 92.70): VN055038.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN055038.D (-2592) (-)

500000

400000

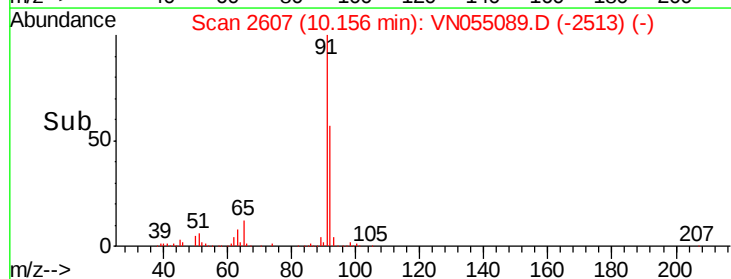
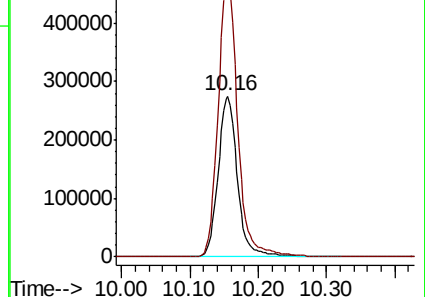
300000

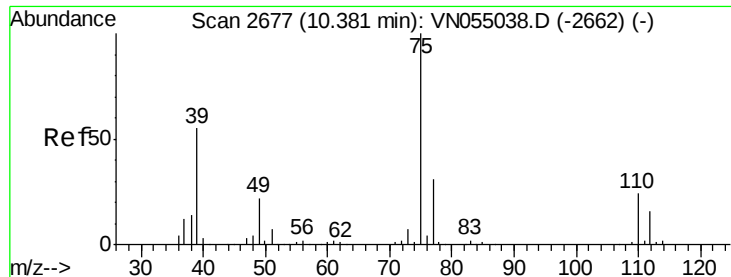
200000

100000

0

10.00 10.10 10.20 10.30





#53

t-1,3-Dichloropropene

Concen: 53.960 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

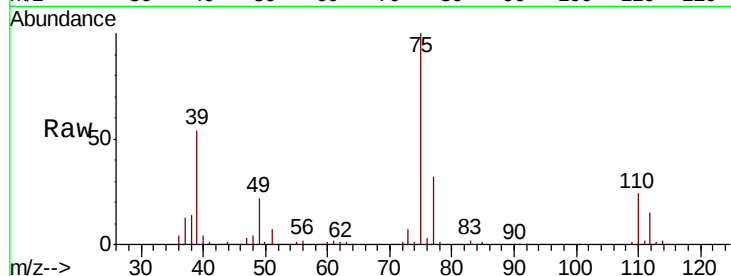
VSTDCCC050EC

Tot Ion: 75 Resp: 292161

Ion Ratio Lower Upper

75 100

77 31.9 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

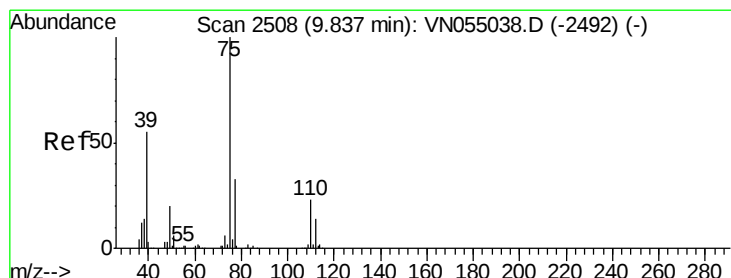
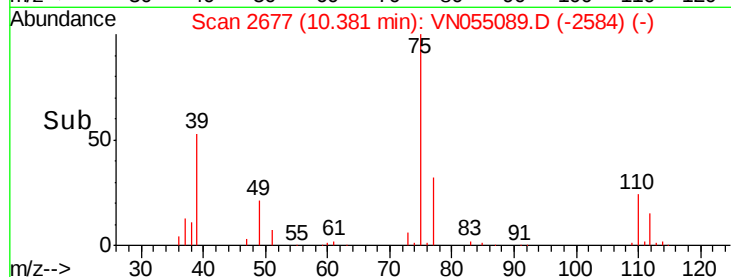
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.861 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

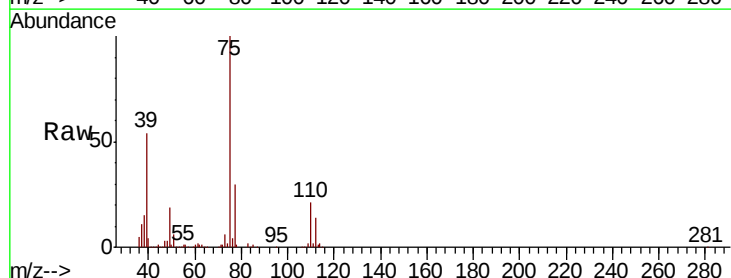
Tgt Ion: 75 Resp: 355230

Ion Ratio Lower Upper

75 100

77 30.4 25.8 38.6

39 53.7 43.8 65.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

250000

200000

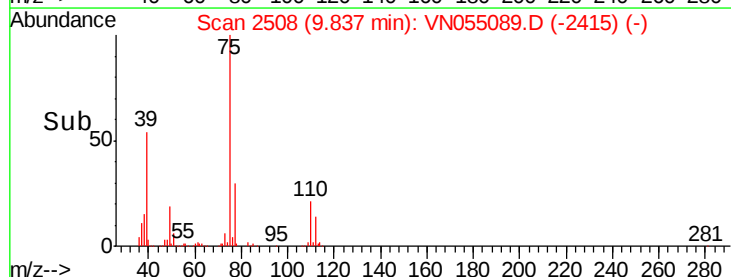
150000

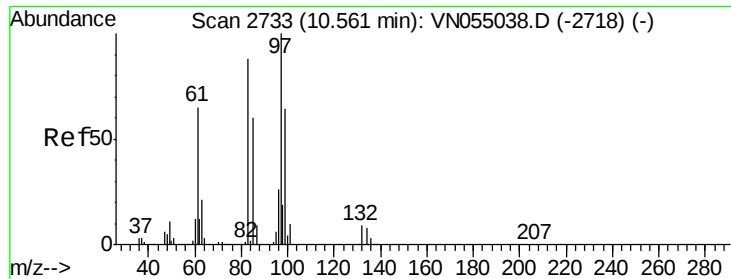
100000

50000

0

Time-->

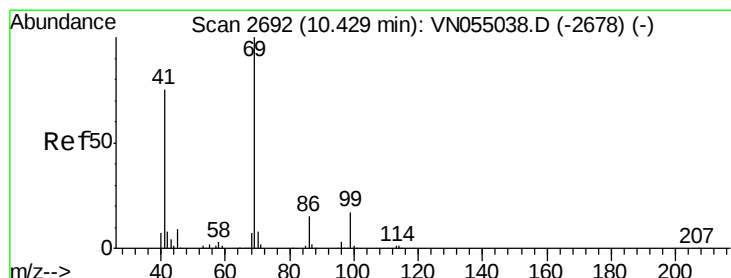
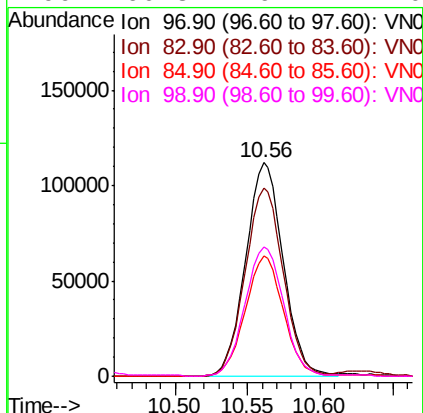
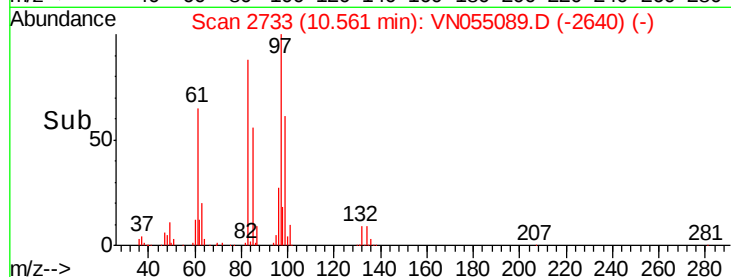
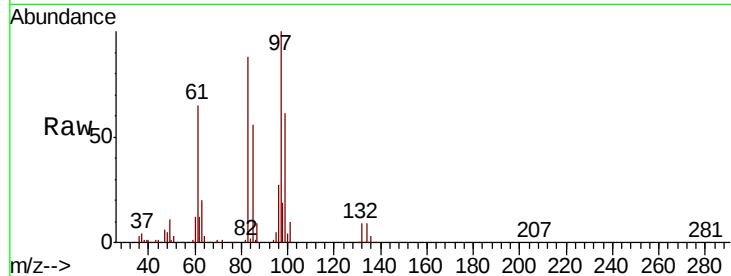




#55
 1,1,2-Trichloroethane
 Concen: 48.491 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055089.D
 Acq: 16 Apr 2019 19:57

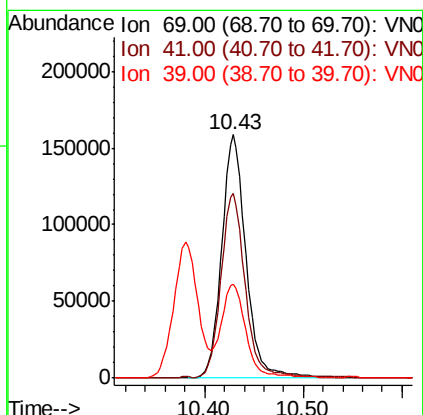
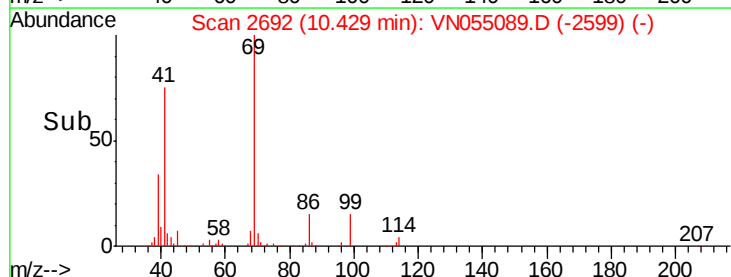
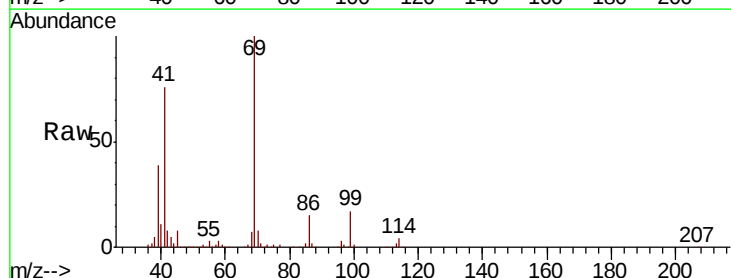
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

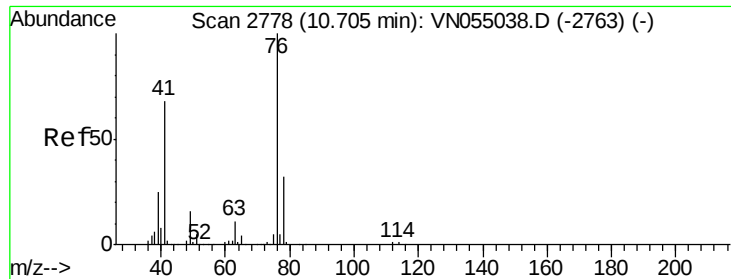
Tot Ion: 97 Resp: 202564
 Ion Ratio Lower Upper
 97 100
 83 88.0 70.5 105.7
 85 56.1 45.5 68.3
 99 60.3 49.4 74.0



#56
 Ethyl methacrylate
 Concen: 54.733 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055089.D
 Acq: 16 Apr 2019 19:57

Tgt Ion: 69 Resp: 274395
 Ion Ratio Lower Upper
 69 100
 41 76.2 61.4 92.0
 39 38.8 30.8 46.2





#57

1,3-Dichloropropane

Concen: 50.761 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

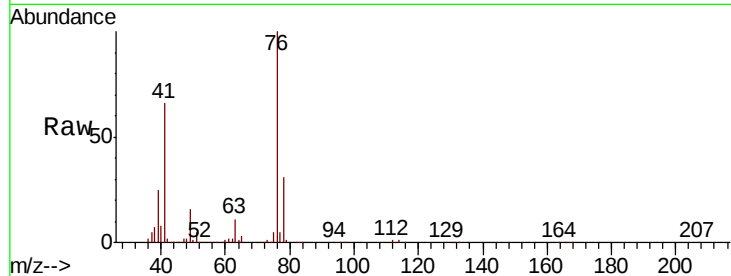
VSTDCCC050EC

Tot Ion: 76 Resp: 361026

Ion Ratio Lower Upper

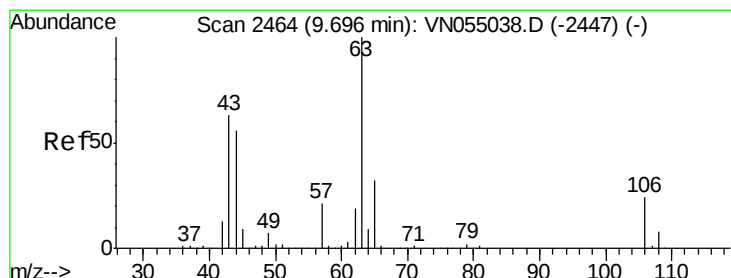
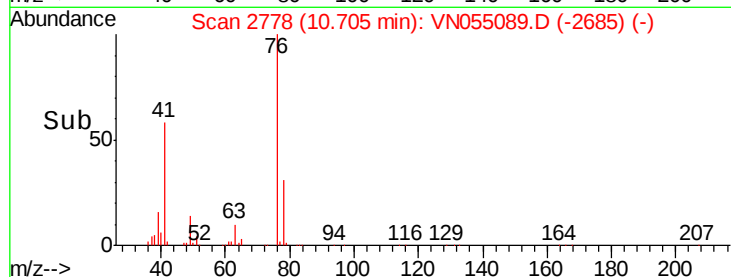
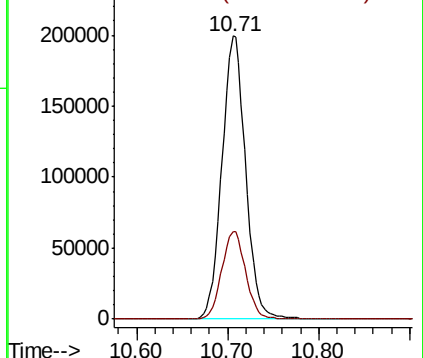
76 100

78 31.3 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 228.893 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055089.D

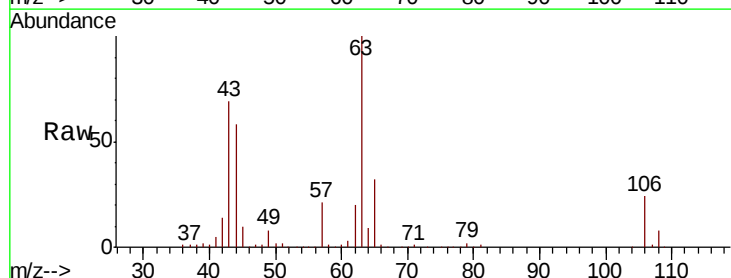
Acq: 16 Apr 2019 19:57

Tgt Ion: 63 Resp: 501932

Ion Ratio Lower Upper

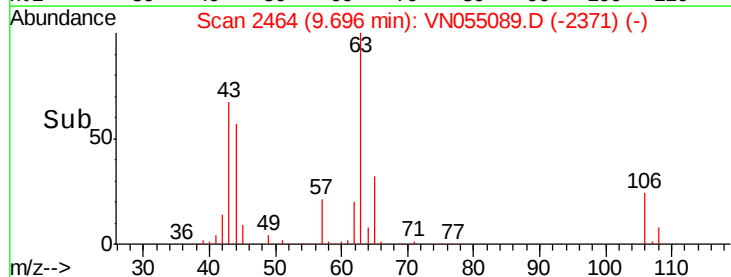
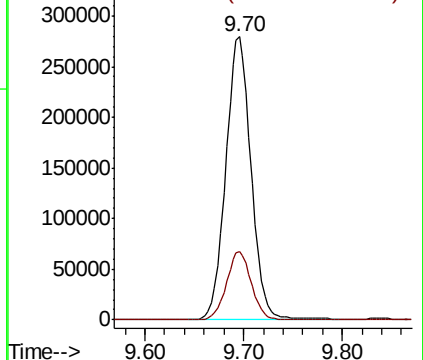
63 100

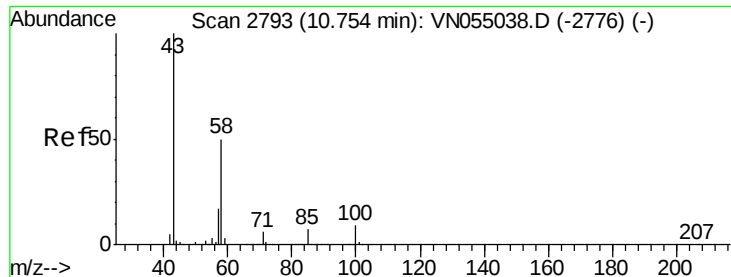
106 23.7 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

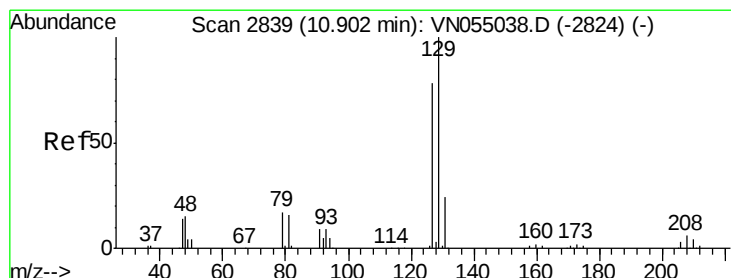
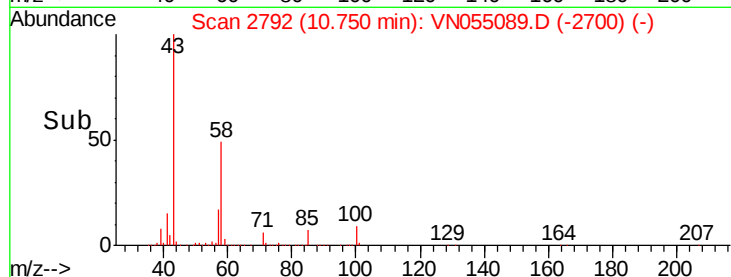
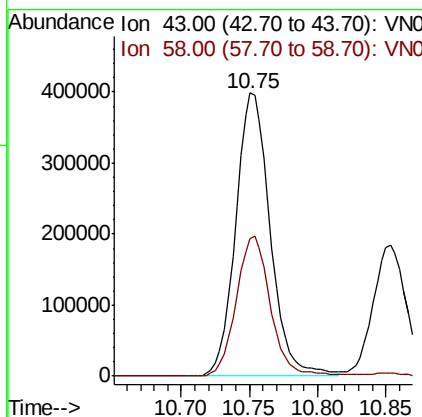
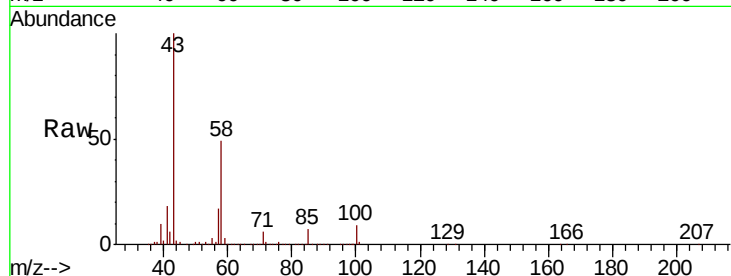




#59
2-Hexanone
Concen: 243.525 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

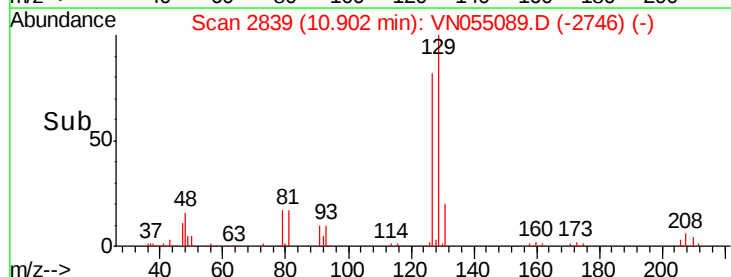
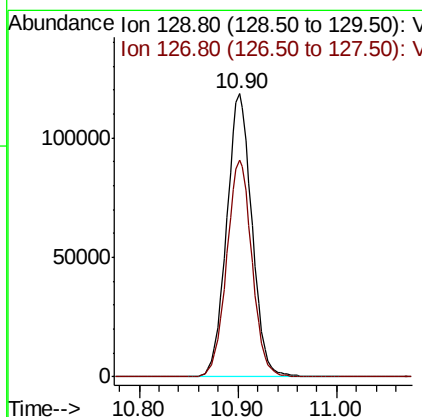
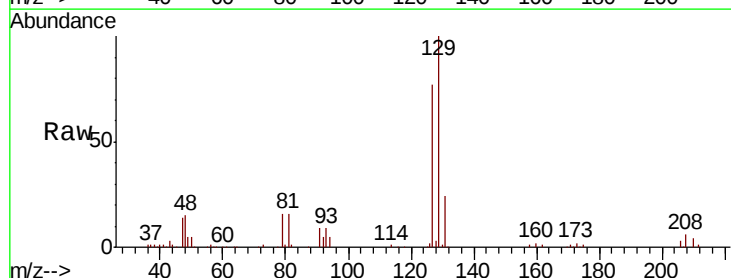
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

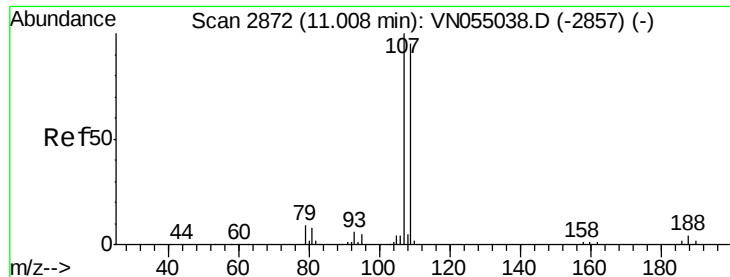
Tot Ion: 43 Resp: 696281
Ion Ratio Lower Upper
43 100
58 49.3 25.1 75.2



#60
Dibromochloromethane
Concen: 52.136 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

Tgt Ion: 129 Resp: 212671
Ion Ratio Lower Upper
129 100
127 76.5 38.2 114.6





#61

1,2-Dibromoethane

Concen: 51.031 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

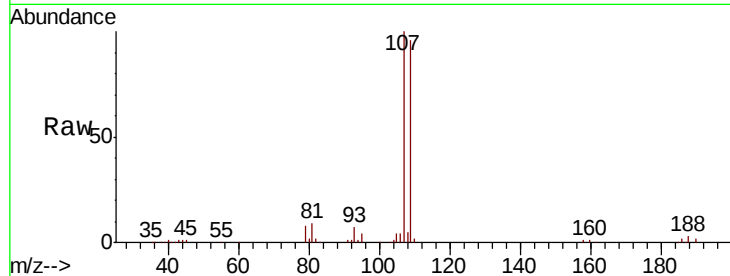
VSTDCCC050EC

Tot Ion: 107 Resp: 196210

Ion Ratio Lower Upper

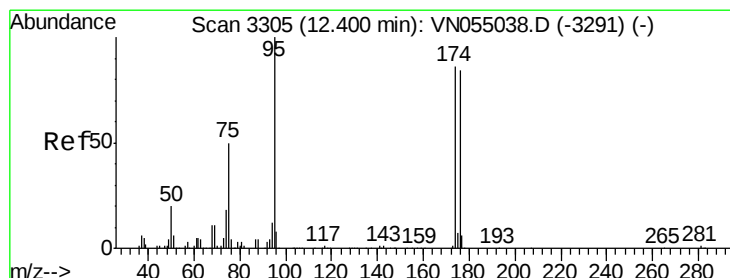
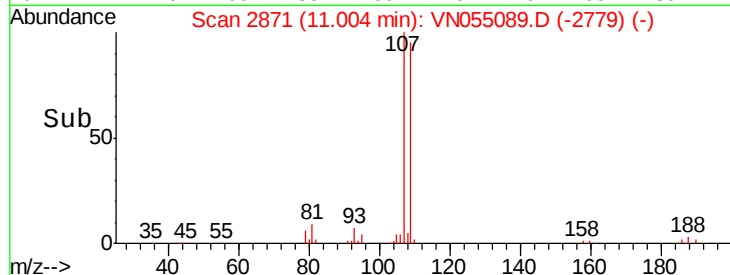
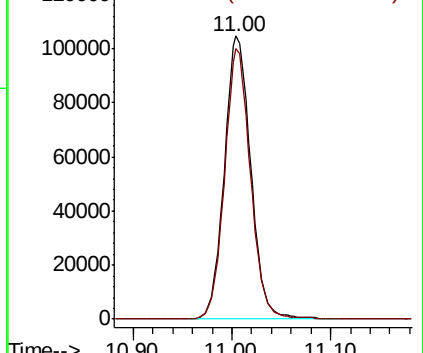
107 100

109 93.9 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.446 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

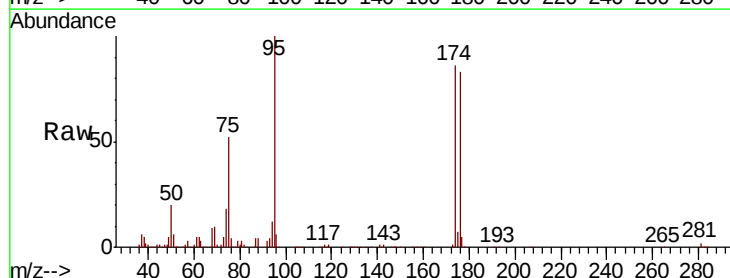
Tgt Ion: 95 Resp: 266559

Ion Ratio Lower Upper

95 100

174 84.5 0.0 174.4

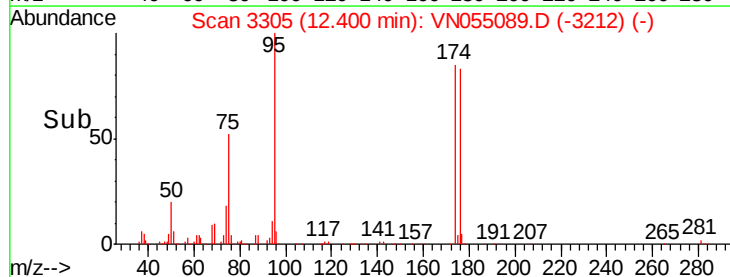
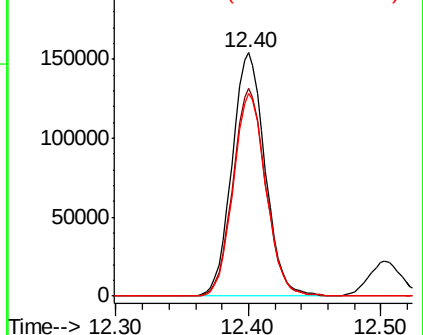
176 82.4 0.0 166.8

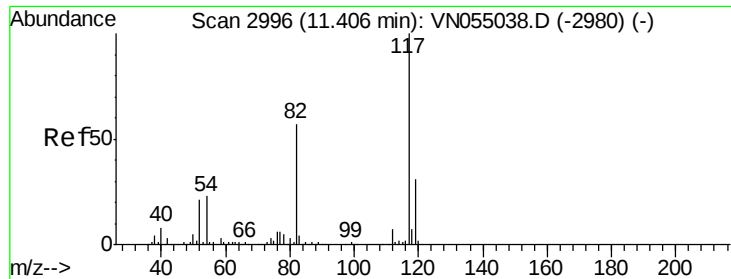


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

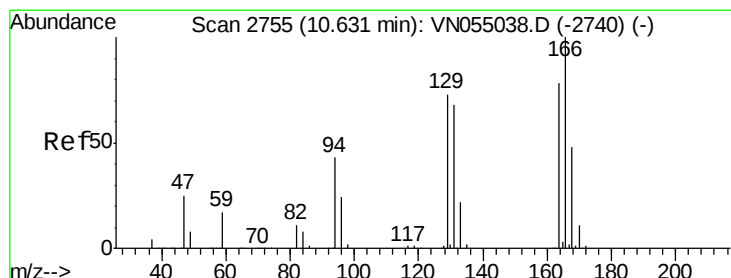
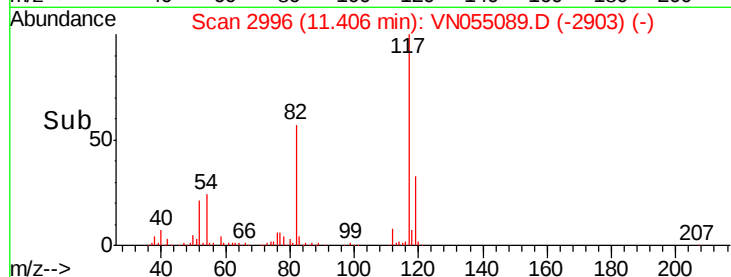
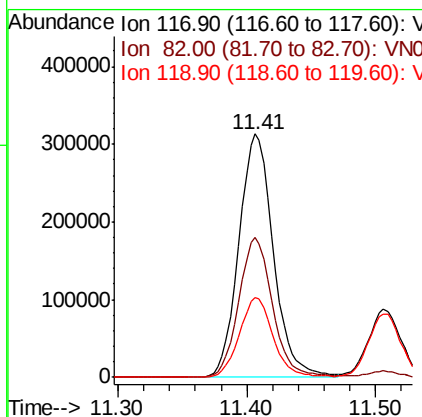
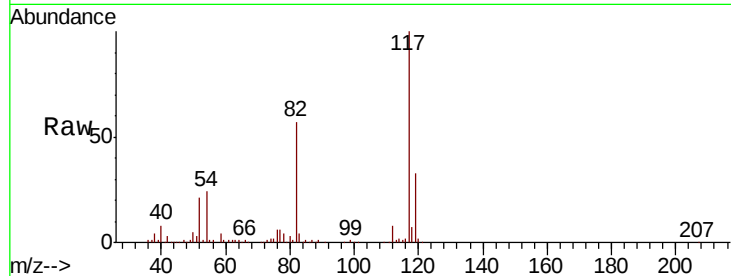




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

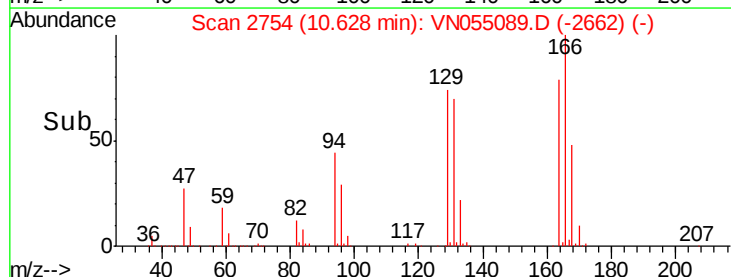
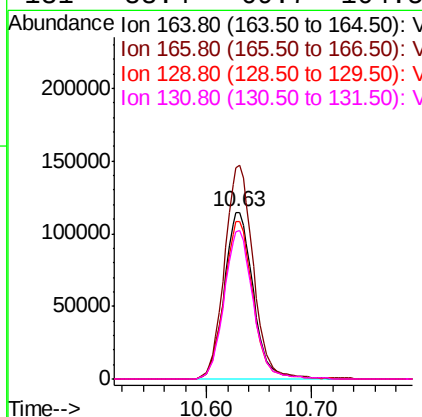
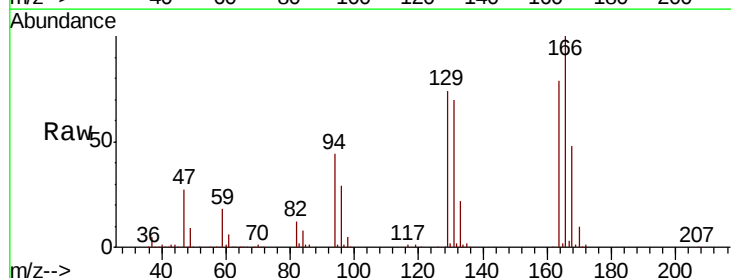
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

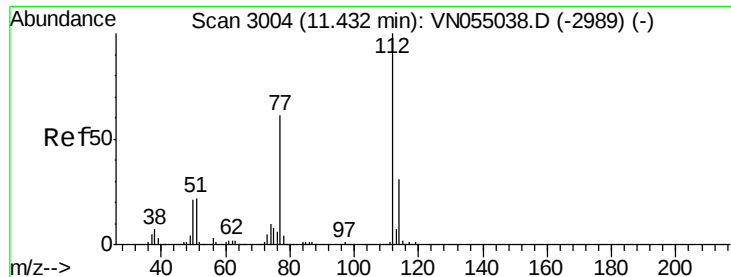
Tot Ion:117 Resp: 585272
Ion Ratio Lower Upper
117 100
82 57.2 44.6 66.8
119 33.0 25.5 38.3



#64
Tetrachloroethene
Concen: 45.738 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

Tgt Ion:164 Resp: 217679
Ion Ratio Lower Upper
164 100
166 126.6 100.0 150.0
129 94.1 72.0 108.0
131 88.4 69.7 104.5

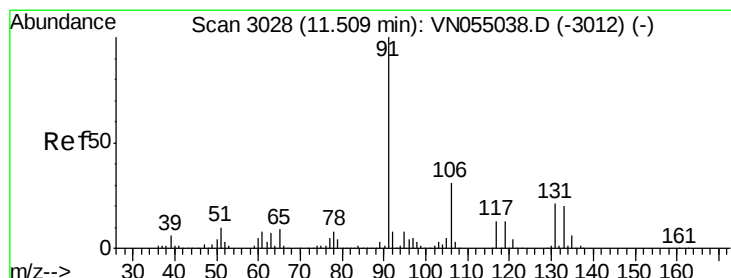
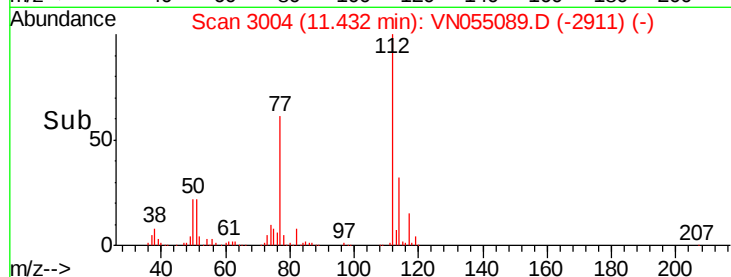
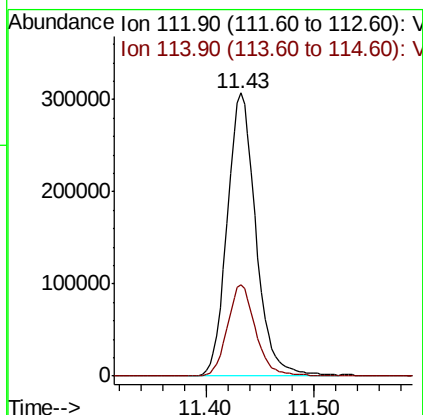
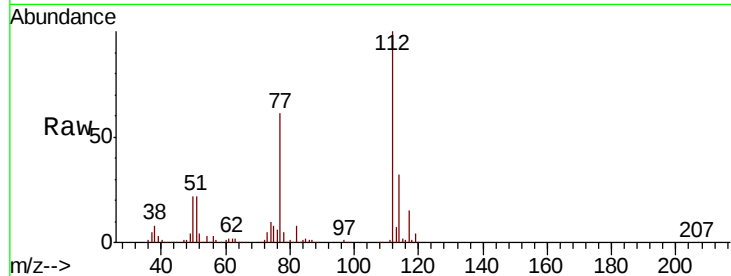




#65
Chlorobenzene
Concen: 48.421 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

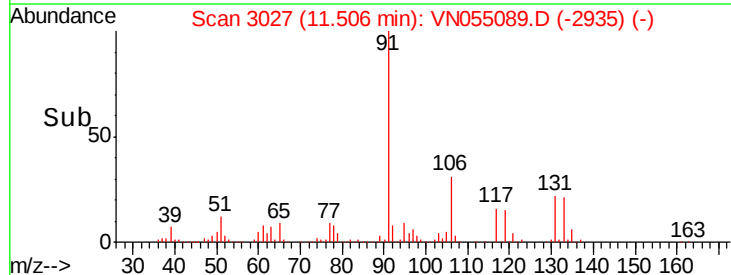
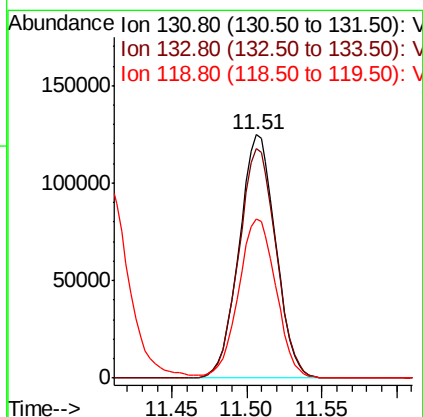
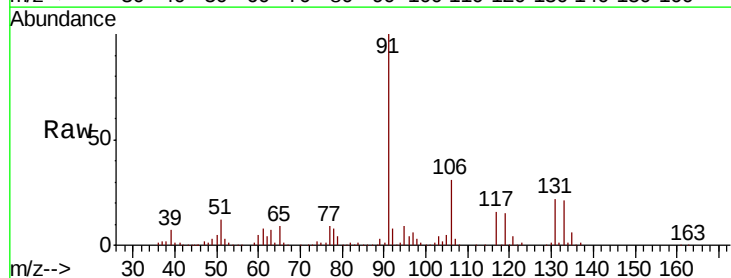
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

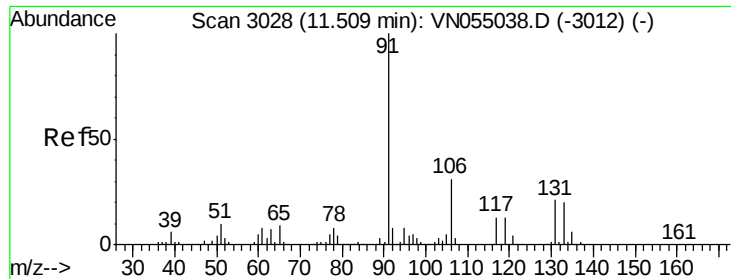
Tot Ion:112 Resp: 570448
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.068 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

Tgt Ion:131 Resp: 212610
Ion Ratio Lower Upper
131 100
133 96.2 47.8 143.3
119 67.0 33.6 100.6

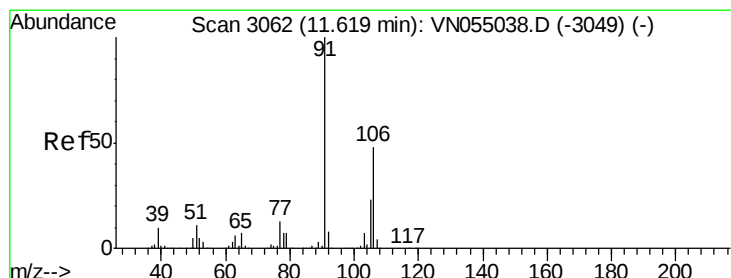
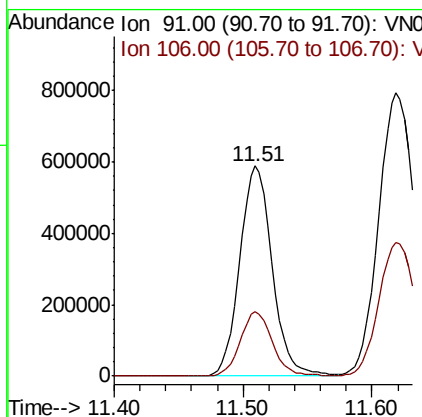
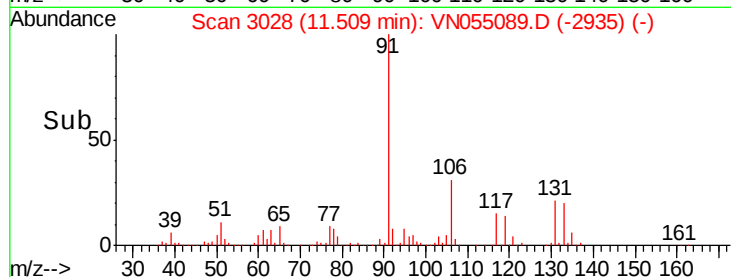
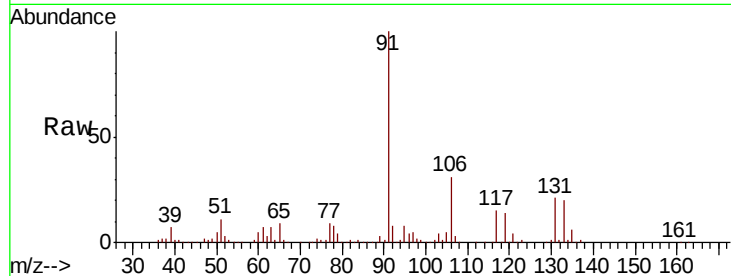




#67
Ethyl Benzene
Concen: 49.065 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

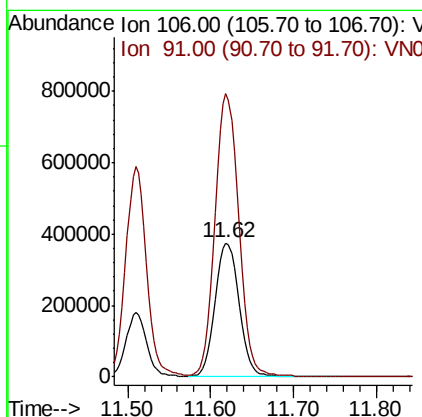
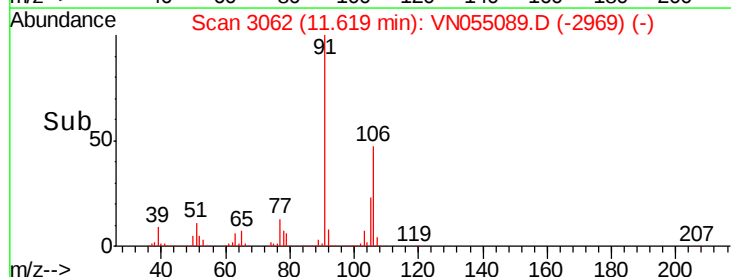
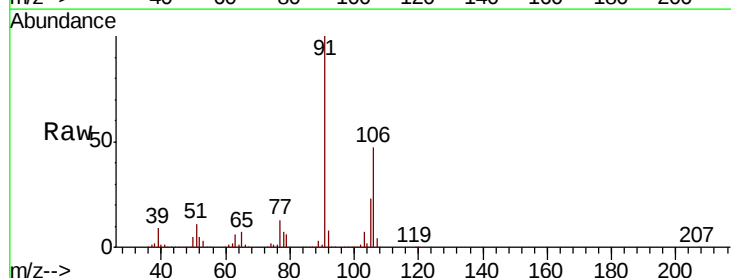
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

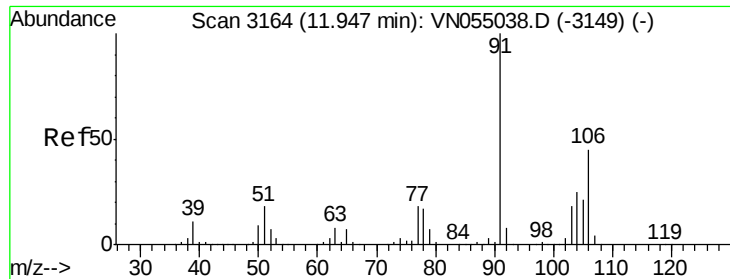
Tot Ion: 91 Resp: 1032259
Ion Ratio Lower Upper
91 100
106 30.8 24.3 36.5



#68
m/p-Xylenes
Concen: 99.658 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

Tgt Ion: 106 Resp: 759239
Ion Ratio Lower Upper
106 100
91 209.5 165.9 248.9

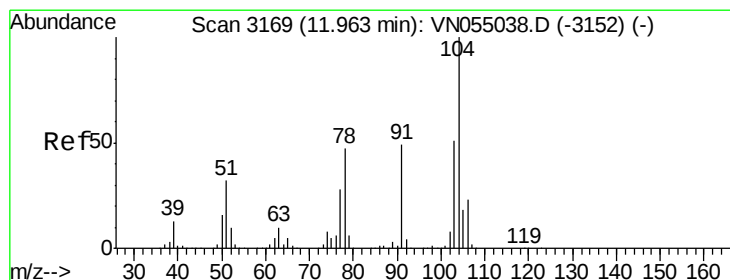
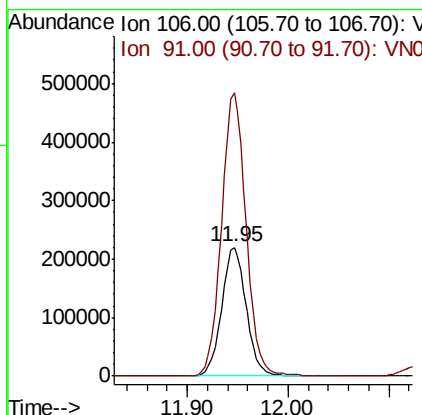
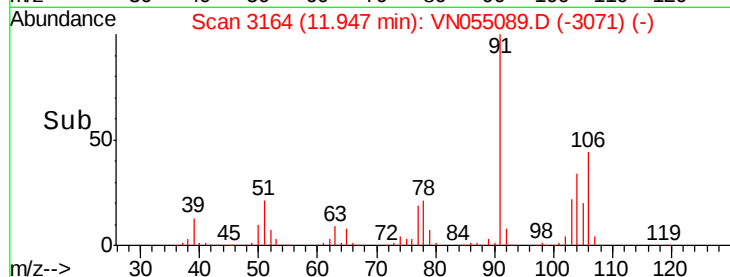
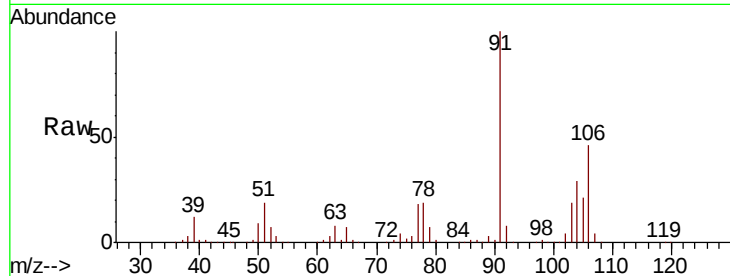




#69
o-Xylene
Concen: 50.709 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

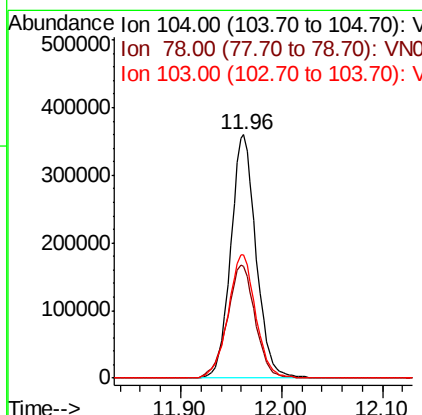
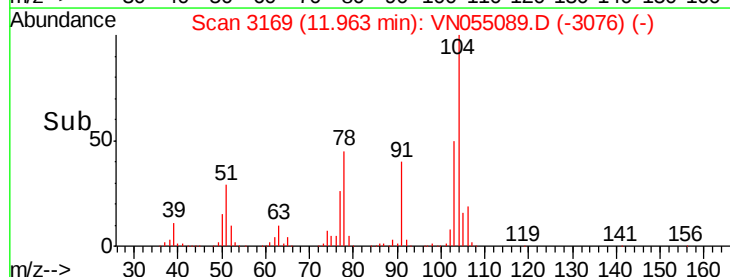
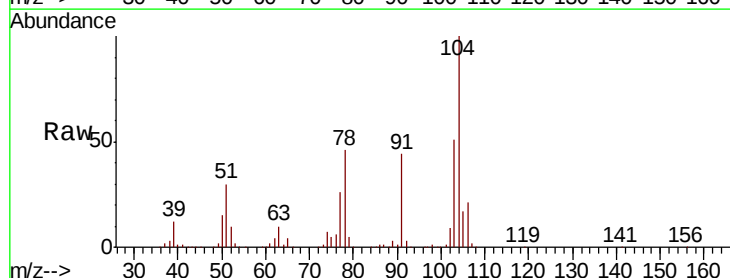
Instrument :
MSVOA_N
ClientSampleID :
VSTDCCC050EC

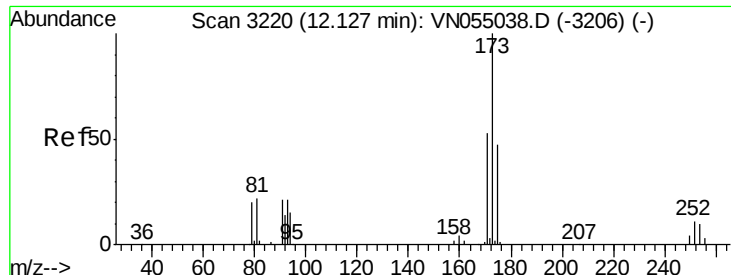
Tot Ion:106 Resp: 374178
Ion Ratio Lower Upper
106 100
91 220.0 109.9 329.8



#70
Styrene
Concen: 52.541 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

Tgt Ion:104 Resp: 627563
Ion Ratio Lower Upper
104 100
78 51.4 40.3 60.5
103 55.5 44.3 66.5

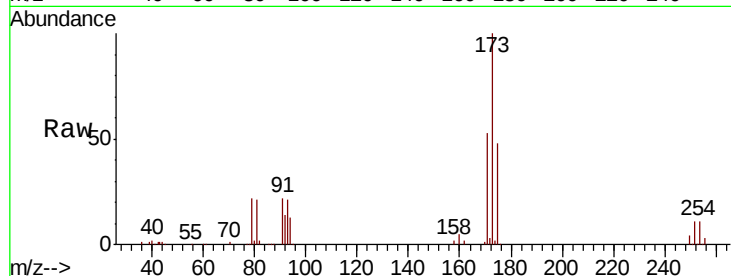




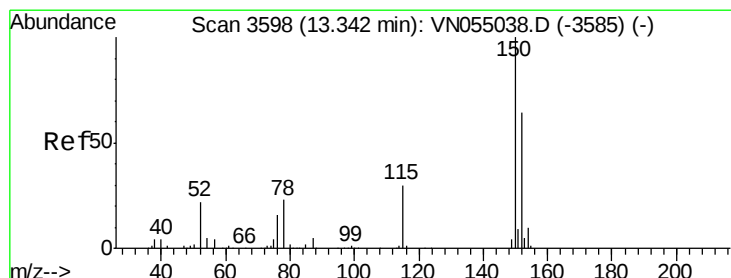
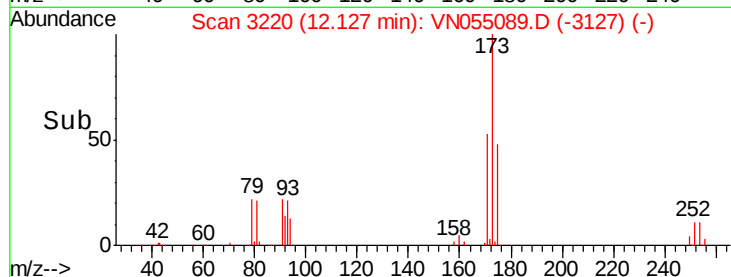
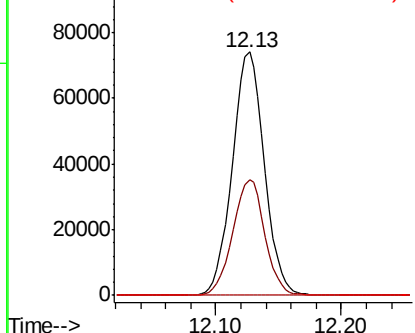
#71
Bromoform
Concen: 52.787 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 131101
Ion Ratio Lower Upper
173 100
175 47.6 24.3 73.0
254 0.2 0.1 0.1#

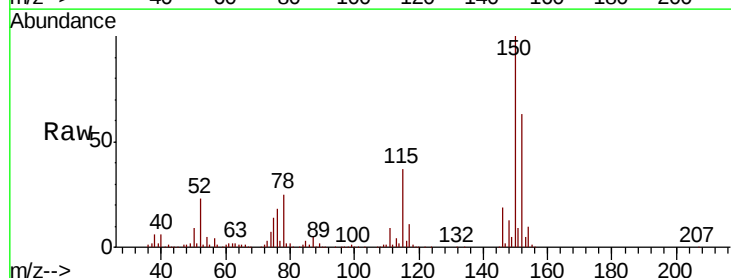


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

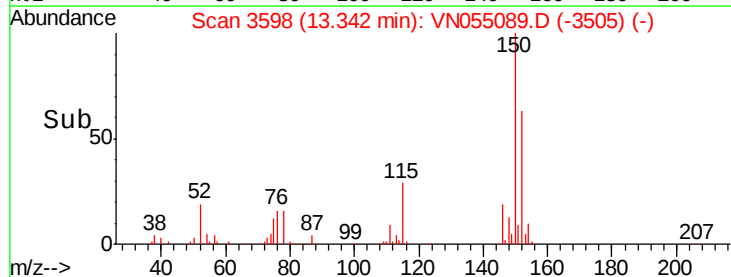
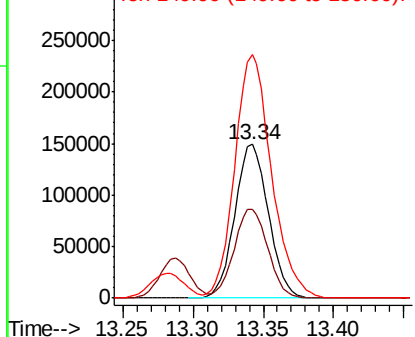


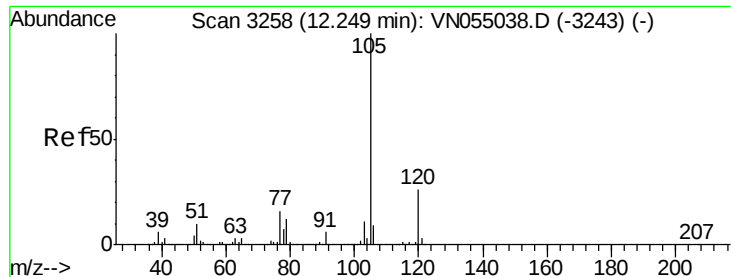
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

Tgt Ion:152 Resp: 249715
Ion Ratio Lower Upper
152 100
115 58.0 28.5 85.6
150 172.8 0.0 347.2



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

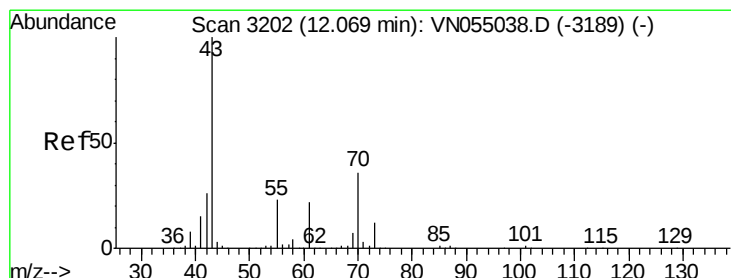
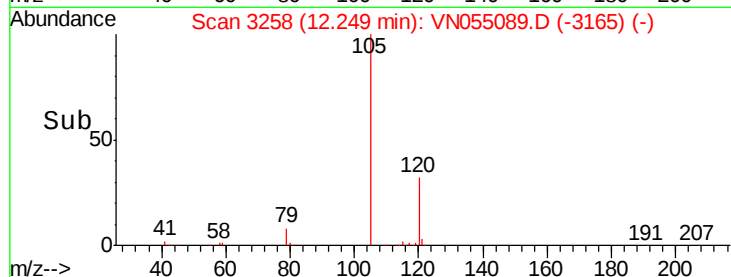
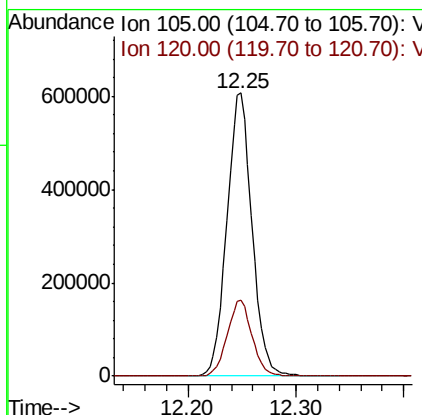
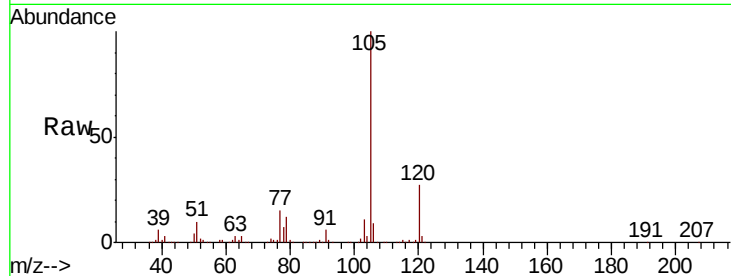




#73
Isopropylbenzene
Concen: 44.374 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

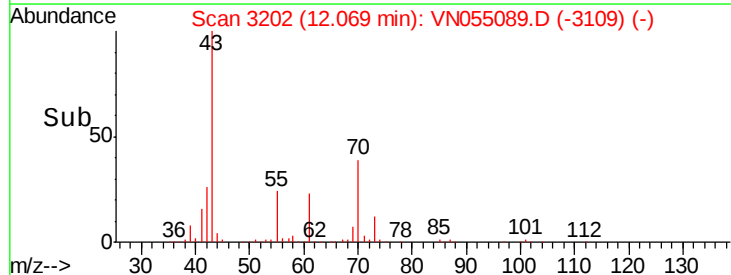
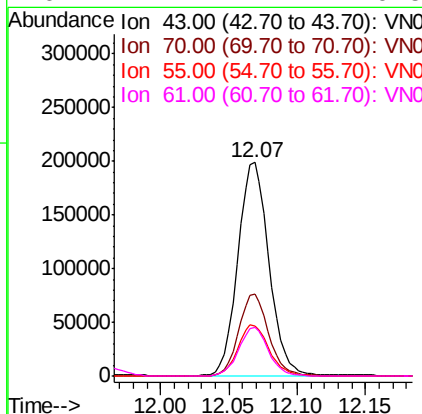
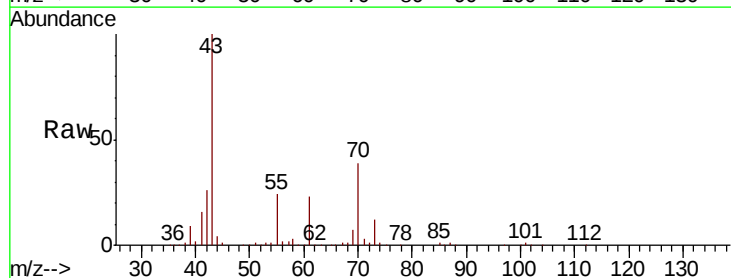
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

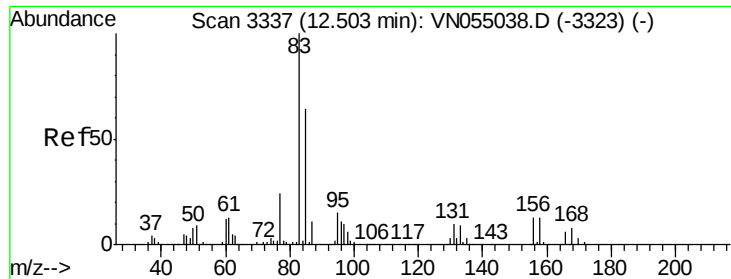
Tot Ion:105 Resp: 983288
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9



#74
N-ethyl acetate
Concen: 50.313 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN055089.D
Acq: 16 Apr 2019 19:57

Tgt Ion: 43 Resp: 313839
Ion Ratio Lower Upper
43 100
70 37.1 29.4 44.0
55 24.1 19.0 28.4
61 21.7 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 42.568 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

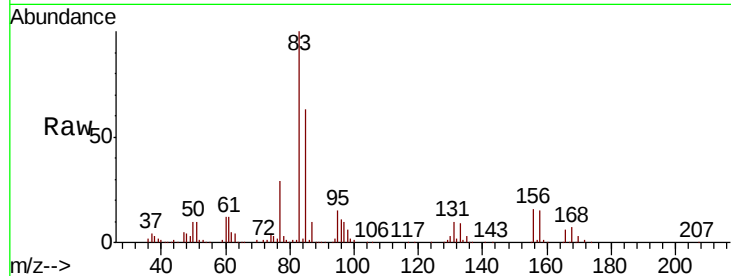
Tot Ion: 83 Resp: 252401

Ion Ratio Lower Upper

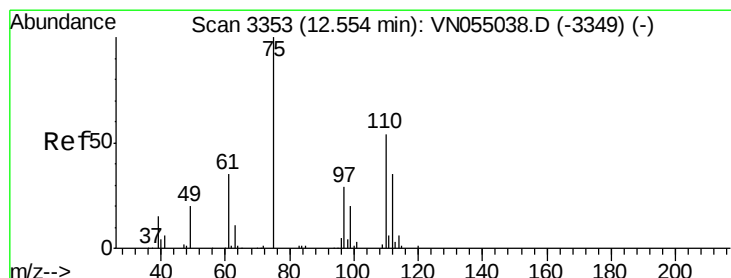
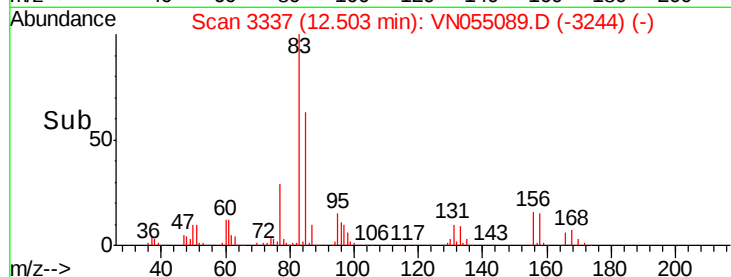
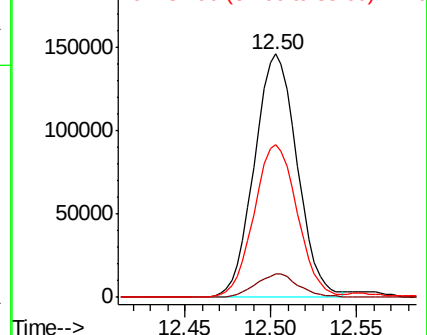
83 100

131 9.9 5.0 15.0

85 63.6 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 65.275 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055089.D

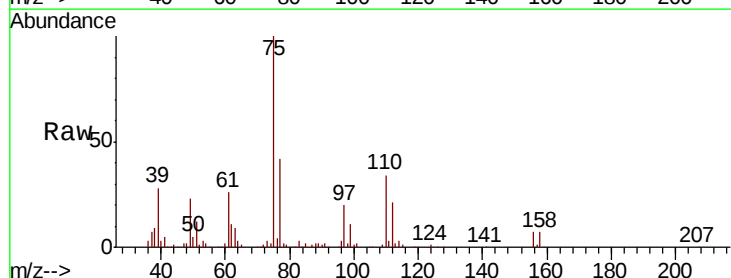
Acq: 16 Apr 2019 19:57

Tgt Ion: 75 Resp: 293118

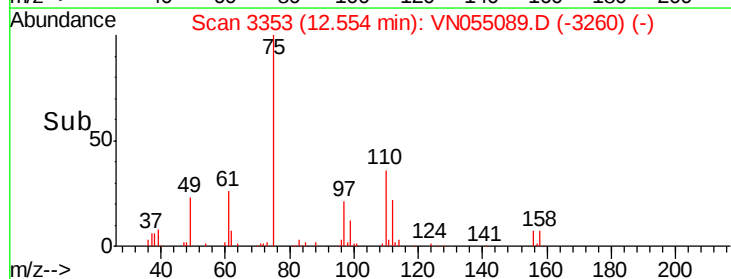
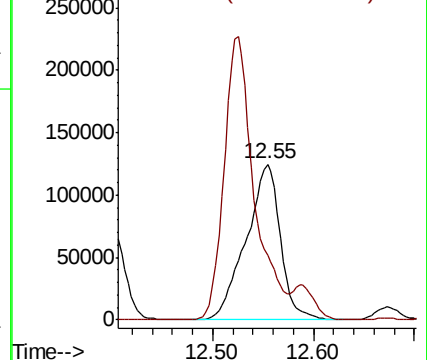
Ion Ratio Lower Upper

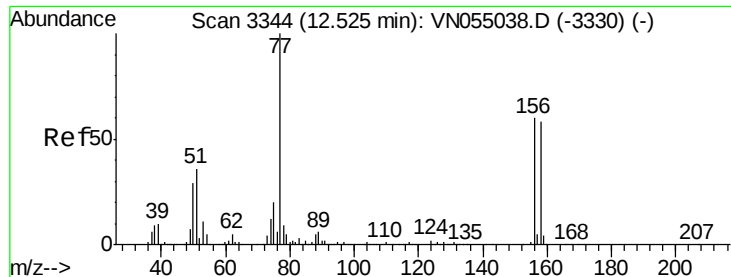
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 44.422 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

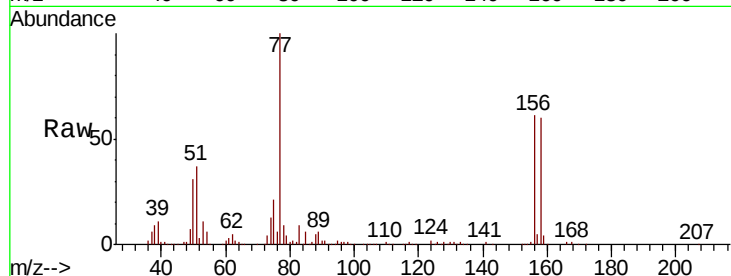
Tot Ion:156 Resp: 245401

Ion Ratio Lower Upper

156 100

77 192.0 97.2 291.5

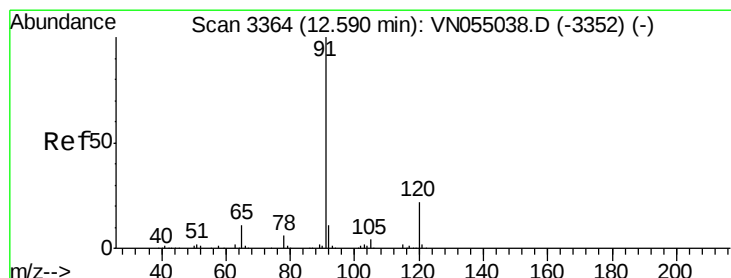
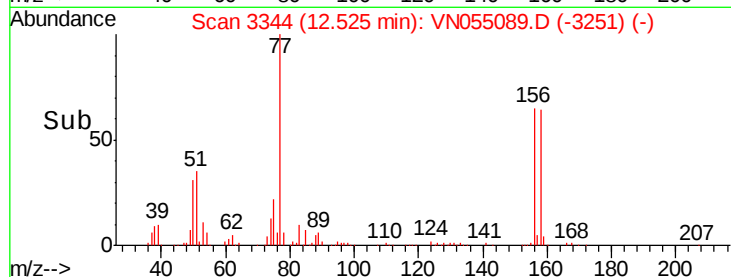
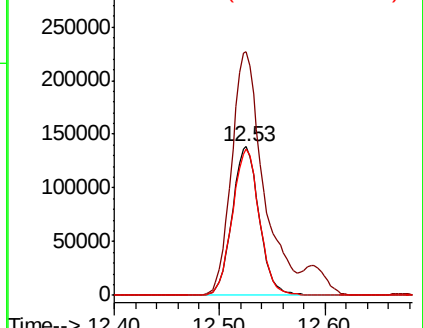
158 98.2 48.6 145.9



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: 45.287 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055089.D

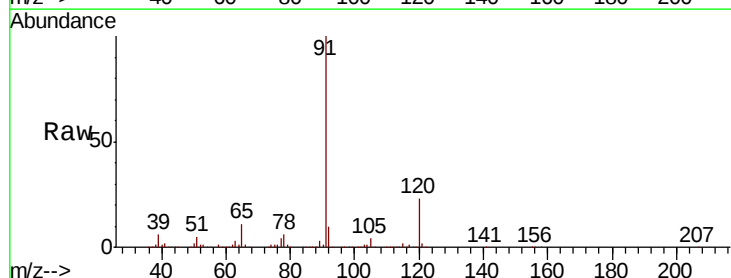
Acq: 16 Apr 2019 19:57

Tgt Ion: 91 Resp: 1084225

Ion Ratio Lower Upper

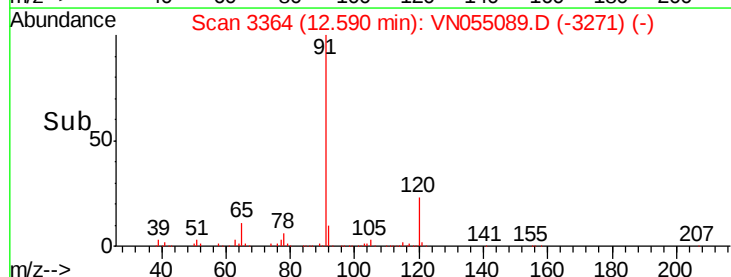
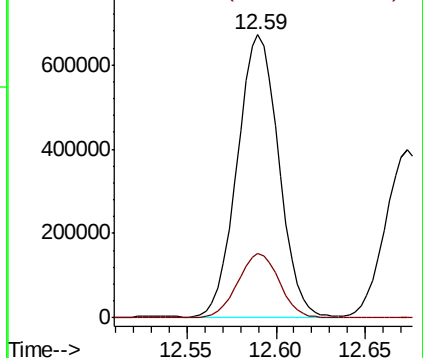
91 100

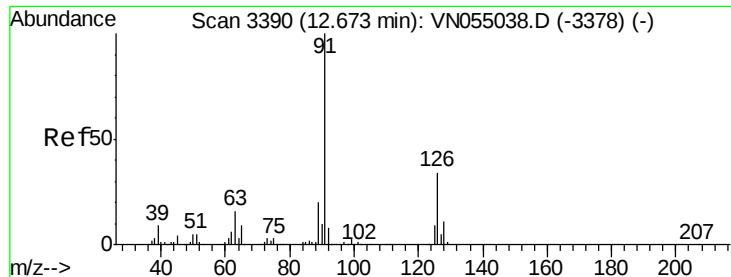
120 22.9 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.044 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

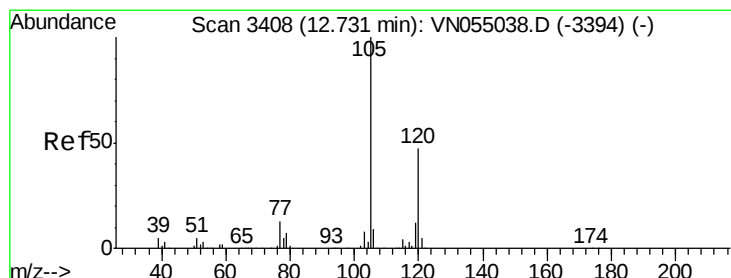
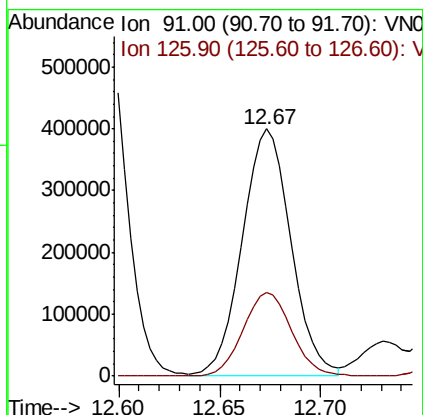
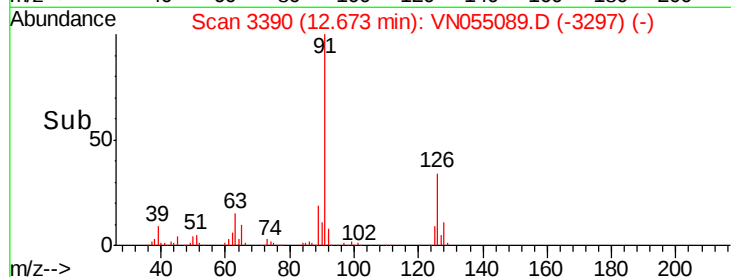
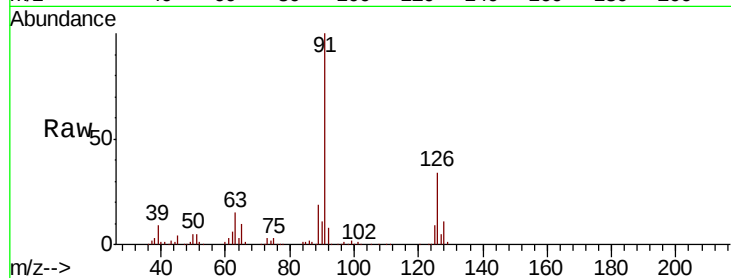
VSTDCCC050EC

Tot Ion: 91 Resp: 672640

Ion Ratio Lower Upper

91 100

126 34.1 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 45.259 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055089.D

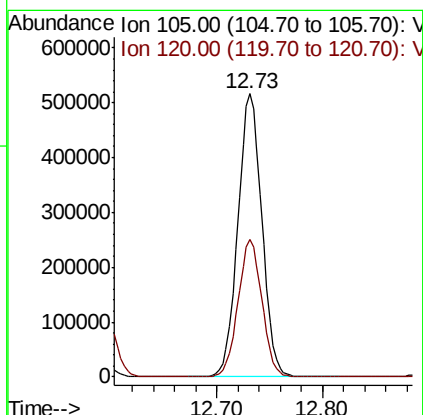
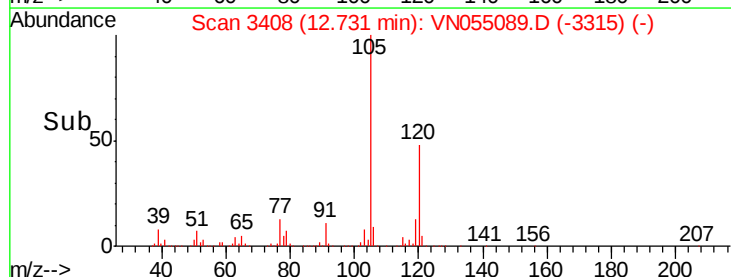
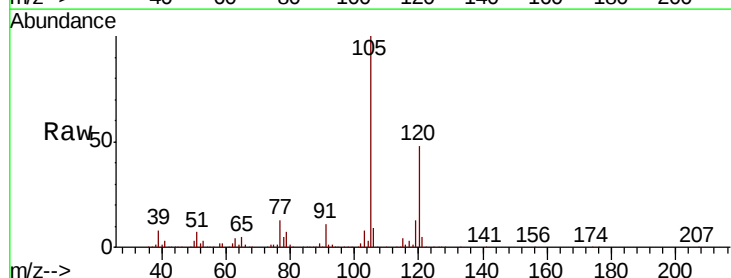
Acq: 16 Apr 2019 19:57

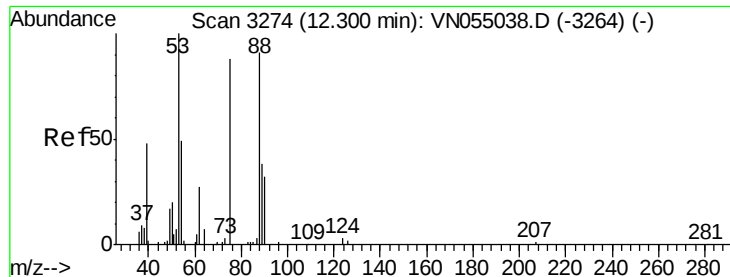
Tgt Ion: 105 Resp: 809329

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.082 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

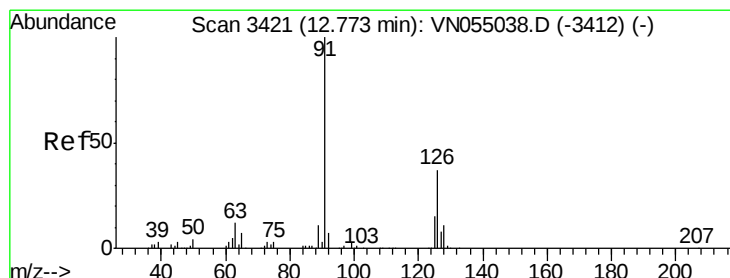
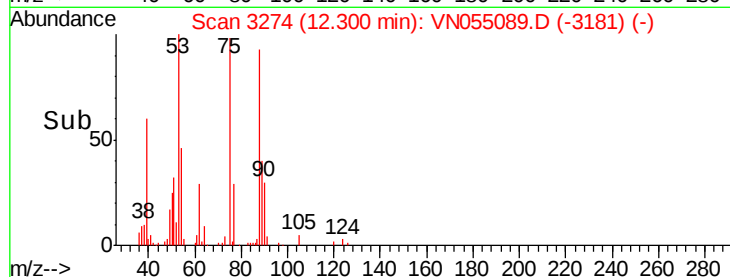
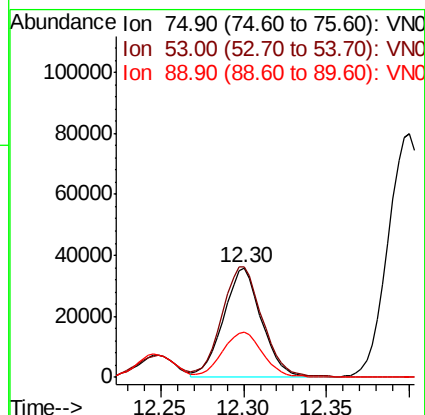
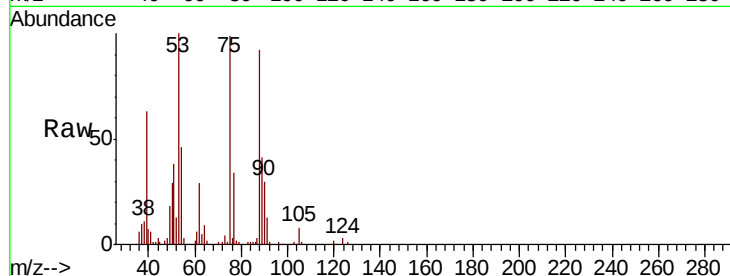
Tot Ion: 75 Resp: 56239

Ion Ratio Lower Upper

75 100

53 108.8 96.3 144.5

89 44.7 38.6 57.8



#82

4-Chlorotoluene

Concen: 46.440 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055089.D

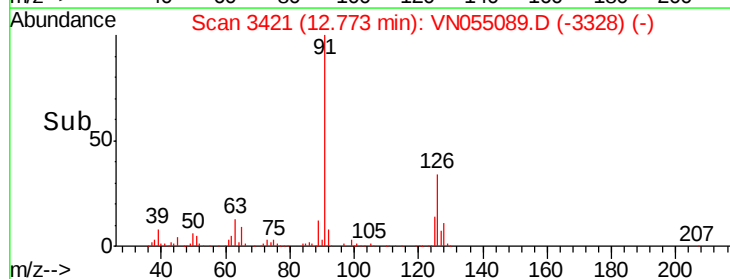
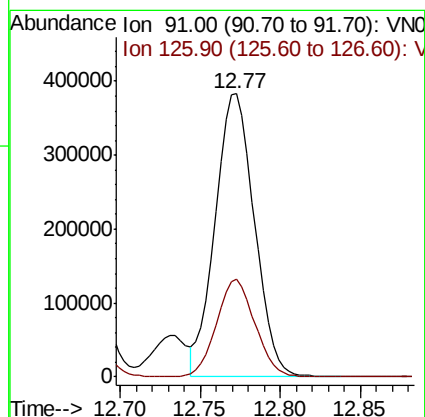
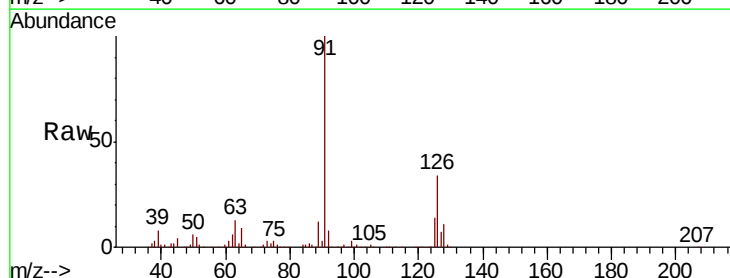
Acq: 16 Apr 2019 19:57

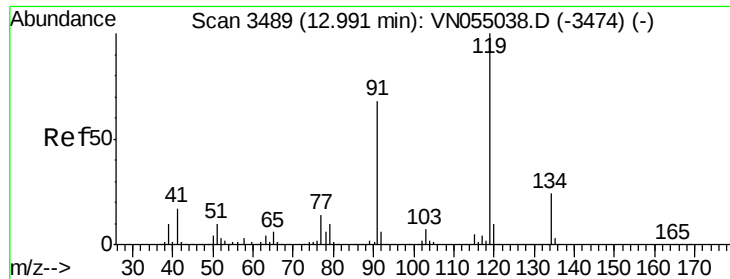
Tgt Ion: 91 Resp: 647002

Ion Ratio Lower Upper

91 100

126 33.8 16.4 49.2





#83

tert-Butylbenzene

Concen: 45.742 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

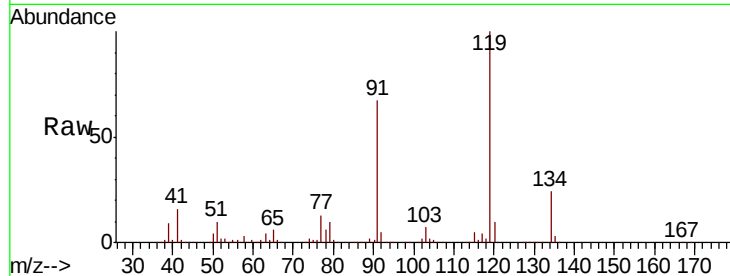
Tot Ion:119 Resp: 690798

Ion Ratio Lower Upper

119 100

91 65.9 33.3 99.8

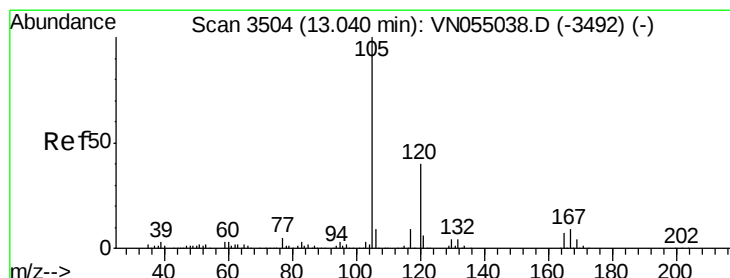
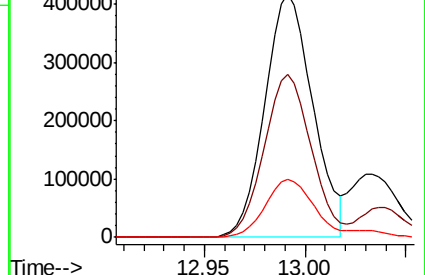
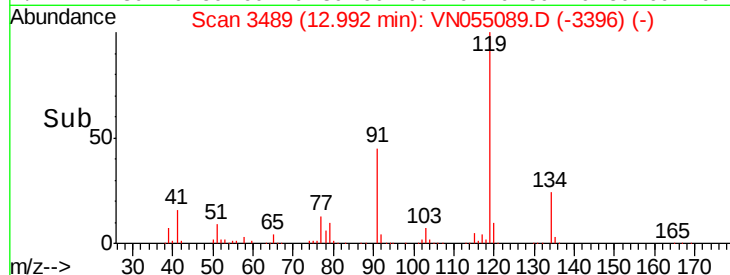
134 26.1 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 46.675 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN055089.D

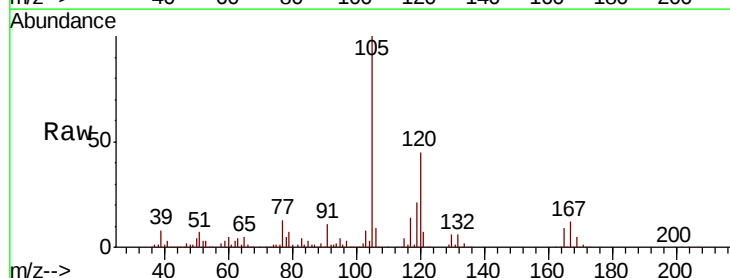
Acq: 16 Apr 2019 19:57

Tgt Ion:105 Resp: 790989

Ion Ratio Lower Upper

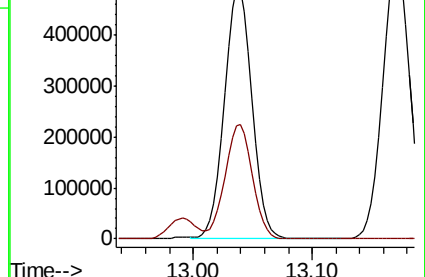
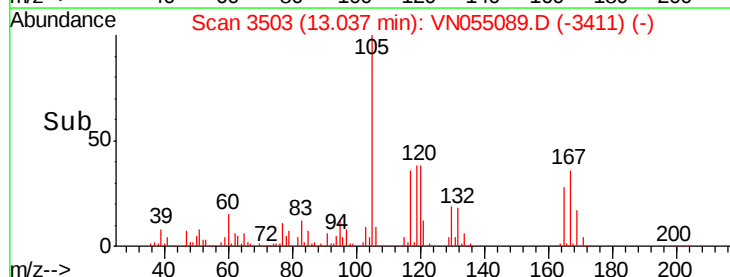
105 100

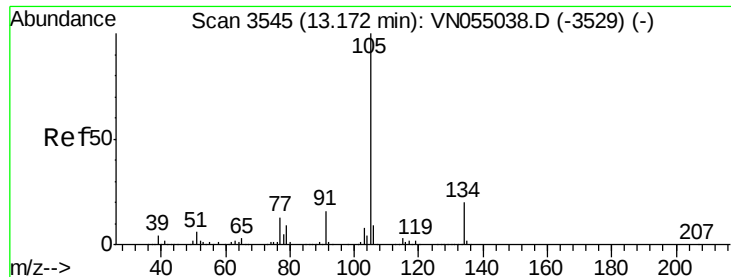
120 45.2 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

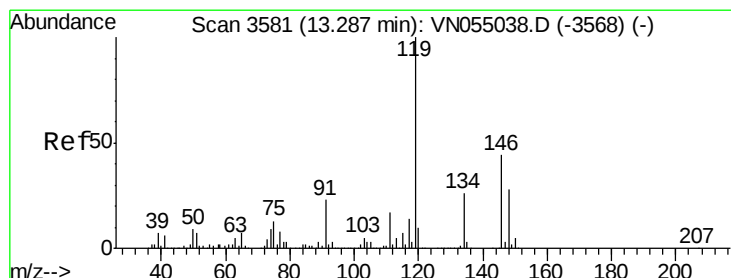
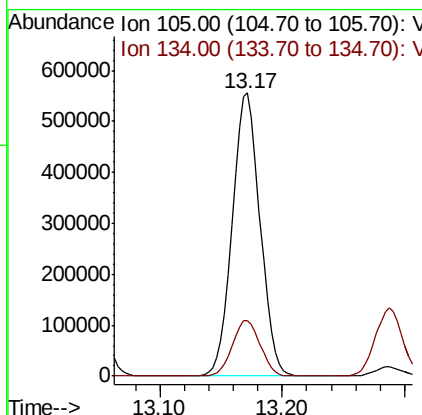
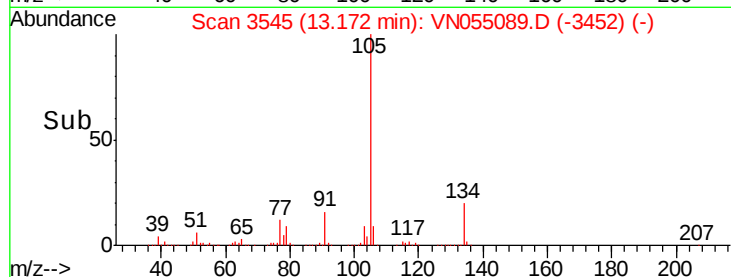
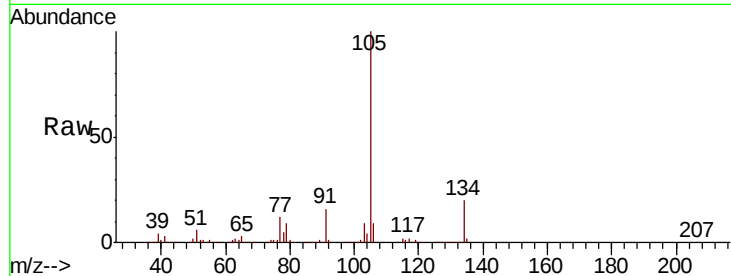




#85
 sec-Butylbenzene
 Concen: 45.619 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055089.D
 Acq: 16 Apr 2019 19:57

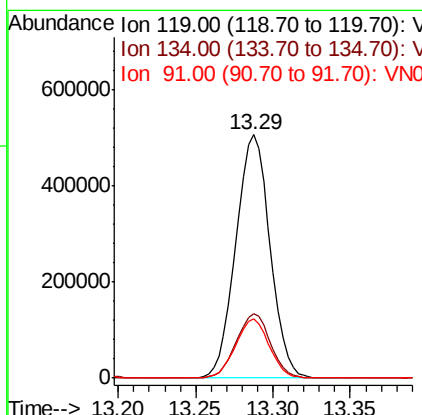
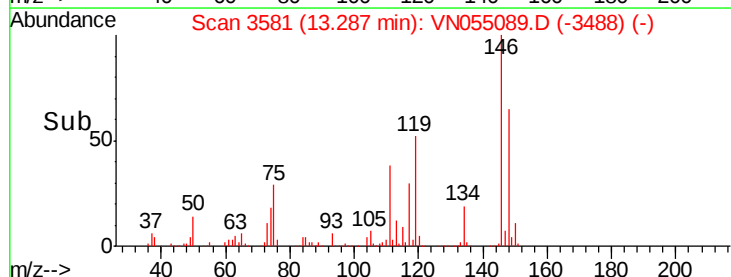
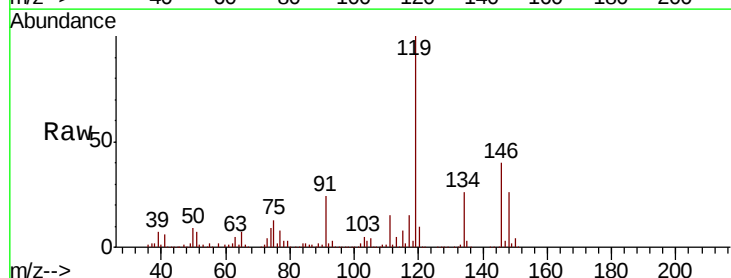
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

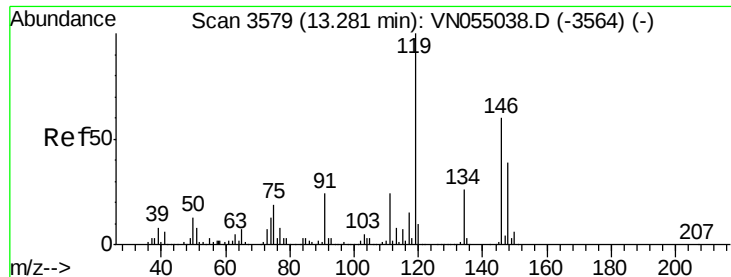
Tot Ion:105 Resp: 877865
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 46.849 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055089.D
 Acq: 16 Apr 2019 19:57

Tgt Ion:119 Resp: 773451
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 23.9 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 47.543 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

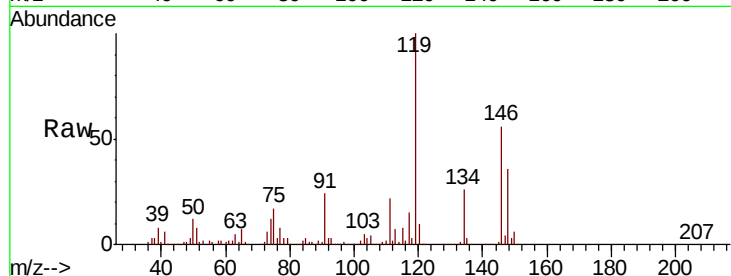
Tot Ion:146 Resp: 399209

Ion Ratio Lower Upper

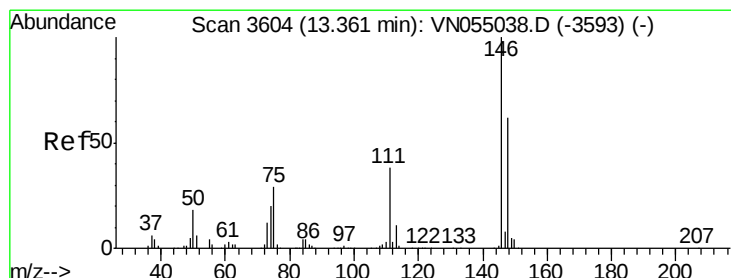
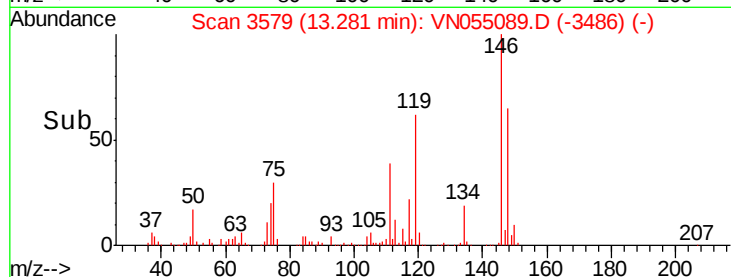
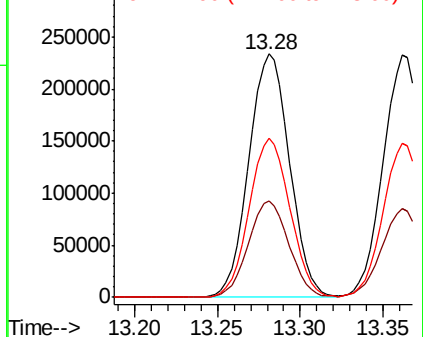
146 100

111 39.4 19.5 58.5

148 65.2 31.6 94.7



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



#88

1,4-Dichlorobenzene

Concen: 48.628 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

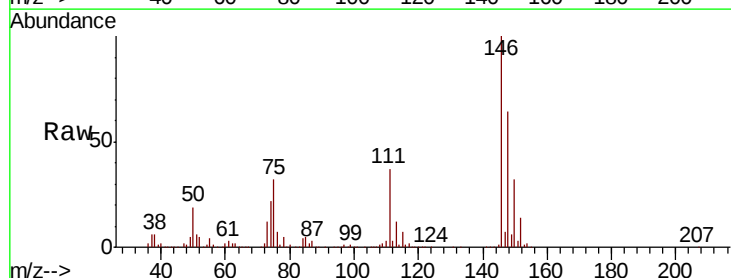
Tgt Ion:146 Resp: 389377

Ion Ratio Lower Upper

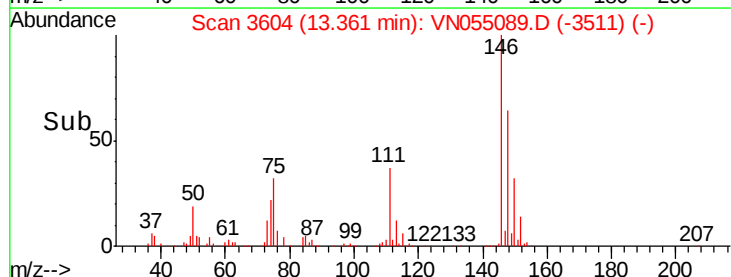
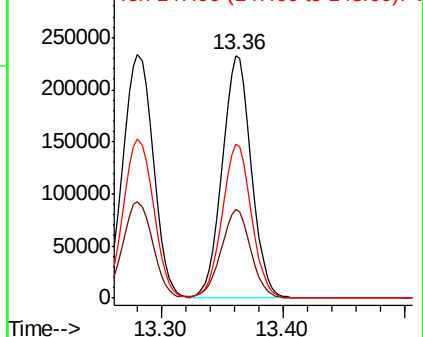
146 100

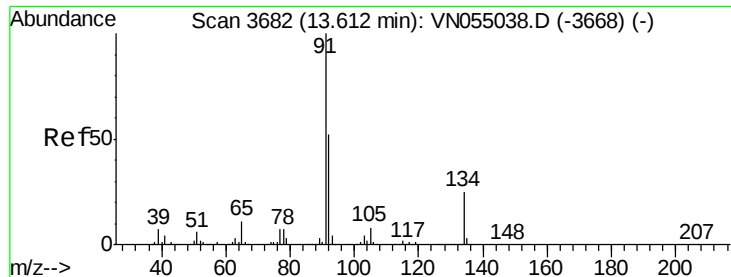
111 37.5 18.8 56.4

148 63.9 32.4 97.2



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





#89

n-Butylbenzene

Concen: 51.411 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

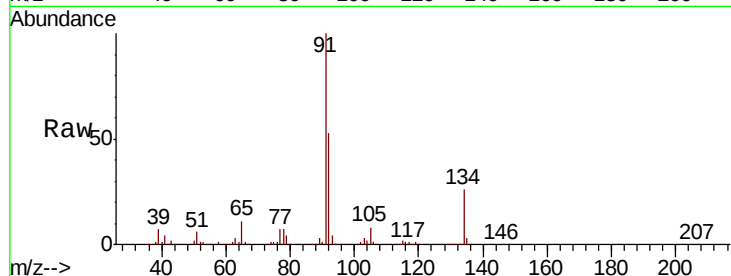
Tot Ion: 91 Resp: 630092

Ion Ratio Lower Upper

91 100

92 52.8 25.9 77.7

134 25.5 12.8 38.3

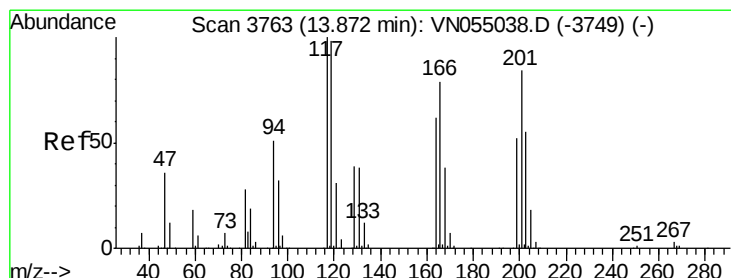
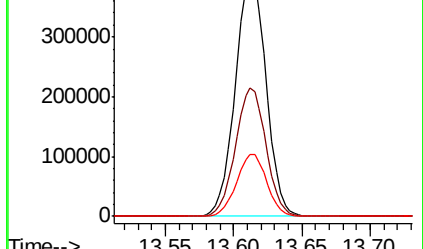
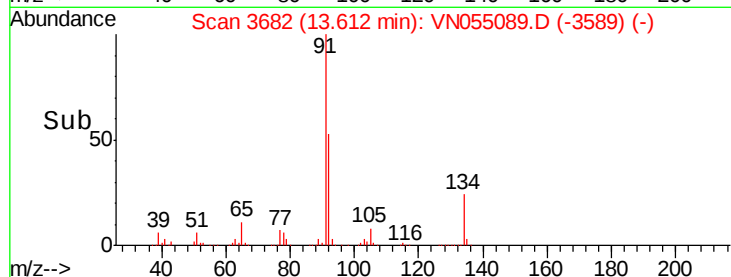


Abundance Ion 91.00 (90.70 to 91.70): VN055038.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN055038.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055038.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 46.170 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055089.D

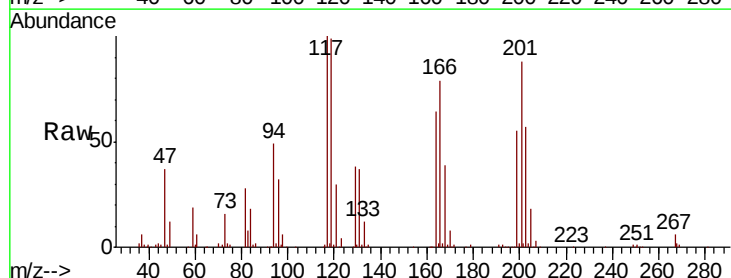
Acq: 16 Apr 2019 19:57

Tgt Ion: 117 Resp: 124027

Ion Ratio Lower Upper

117 100

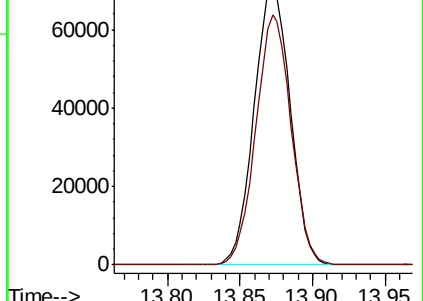
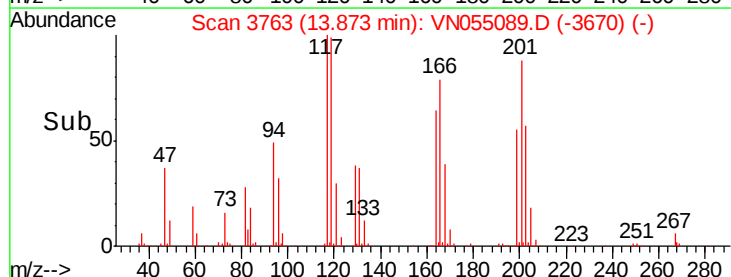
201 87.2 43.4 130.2

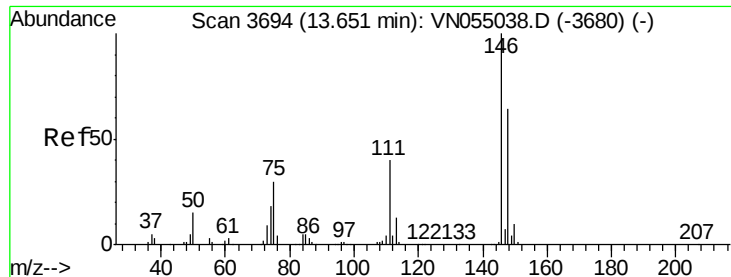


Abundance Ion 116.80 (116.50 to 117.50): VN055038.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055038.D (-3749) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 46.686 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

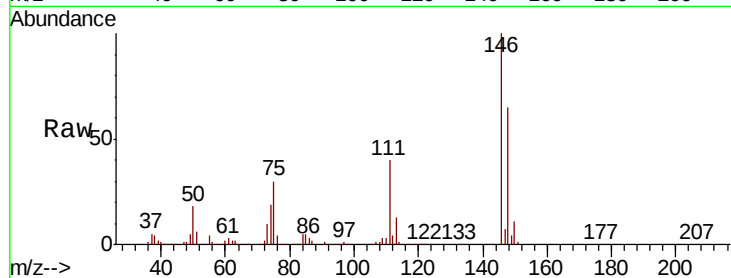
Tot Ion:146 Resp: 394420

Ion Ratio Lower Upper

146 100

111 40.3 20.3 60.9

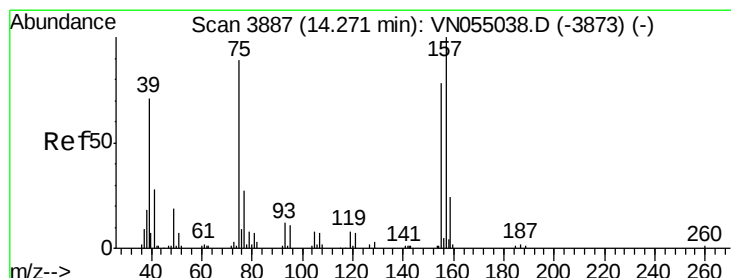
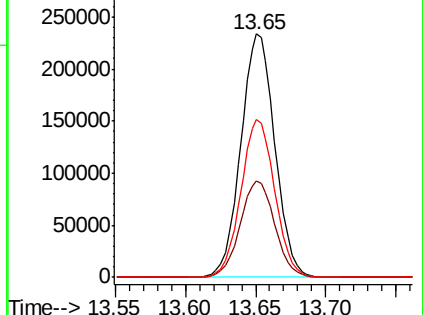
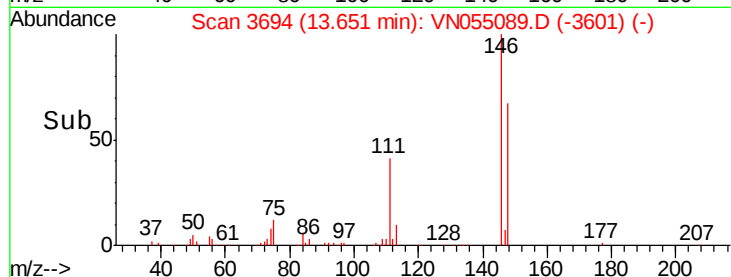
148 64.4 32.2 96.6



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: 47.139 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

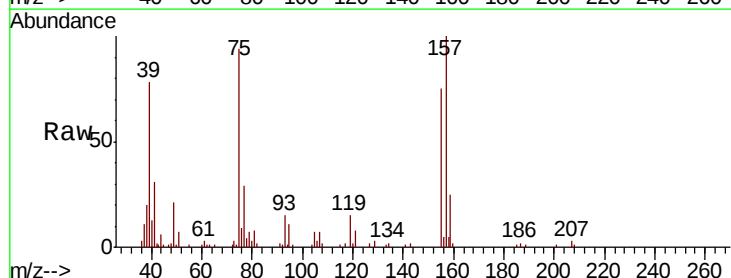
Tgt Ion: 75 Resp: 34418

Ion Ratio Lower Upper

75 100

155 79.8 42.0 126.0

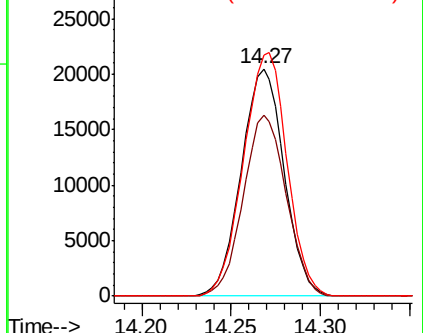
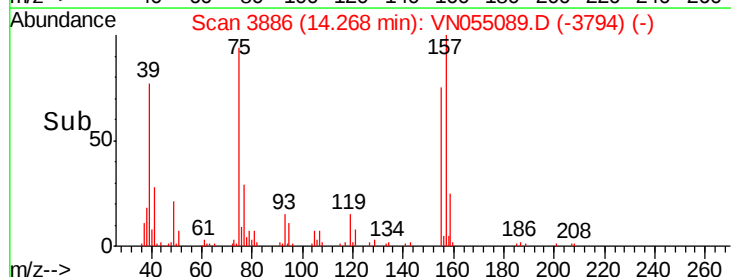
157 108.8 52.1 156.4

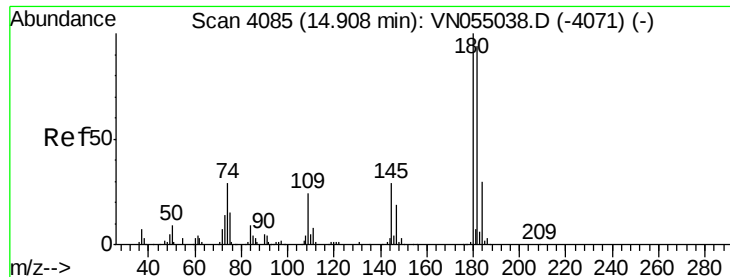


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

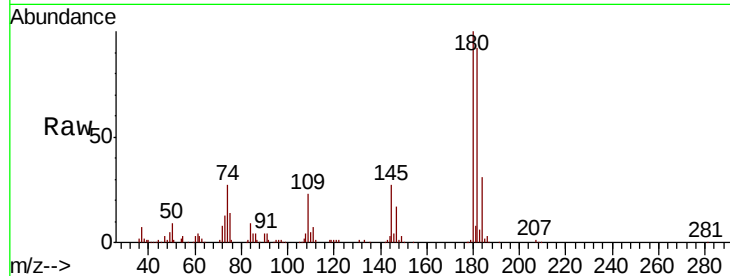




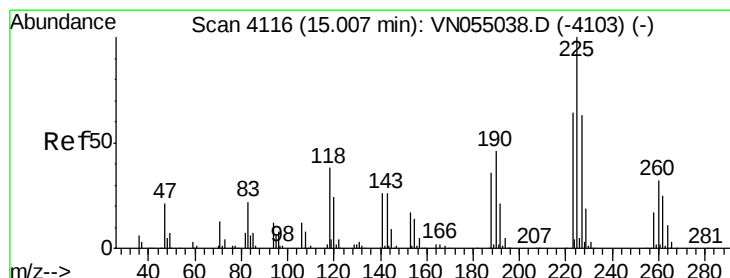
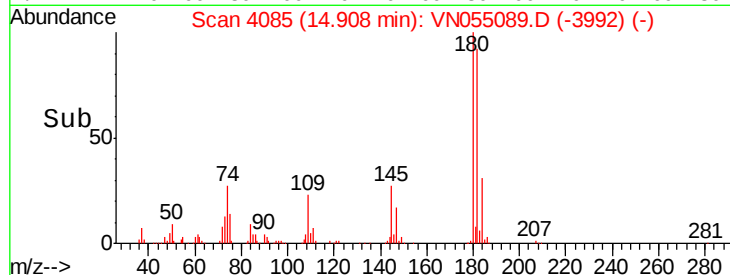
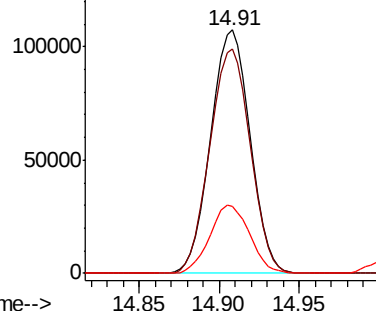
#93
 1,2,4-Trichlorobenzene
 Concen: 47.418 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055089.D
 Acq: 16 Apr 2019 19:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 181039
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.5 142.6
 145 28.2 14.2 42.8

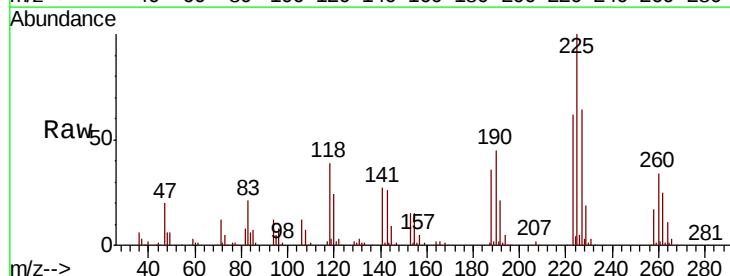


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

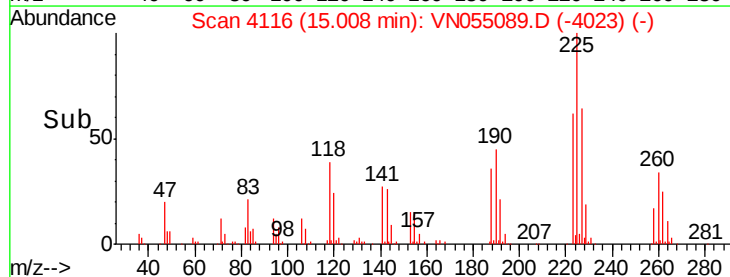
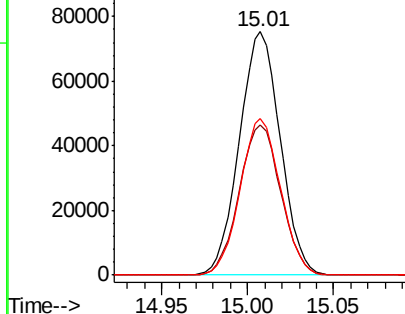


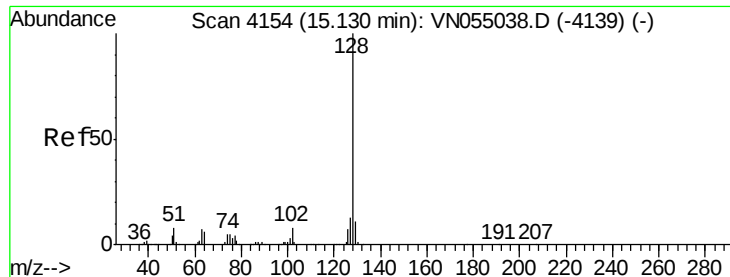
#94
 Hexachlorobutadiene
 Concen: 47.744 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055089.D
 Acq: 16 Apr 2019 19:57

Tgt Ion:225 Resp: 124584
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.4 94.0
 227 63.3 32.6 97.7



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





#95

Naphthalene

Concen: 44.379 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

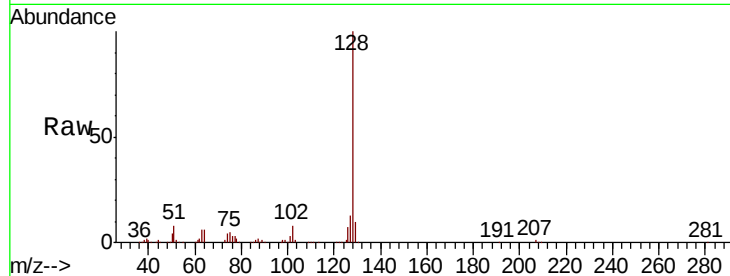
Tot Ion:128 Resp: 394301

Ion Ratio Lower Upper

128 100

127 13.4 10.1 15.1

129 10.4 8.8 13.2

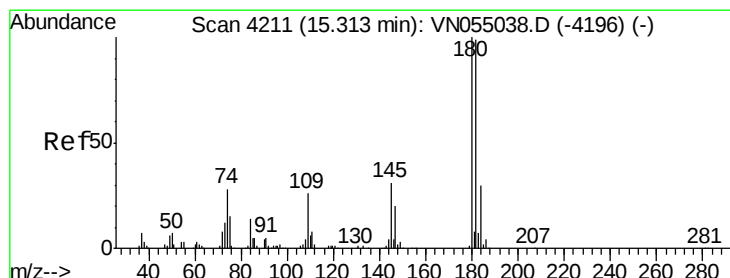
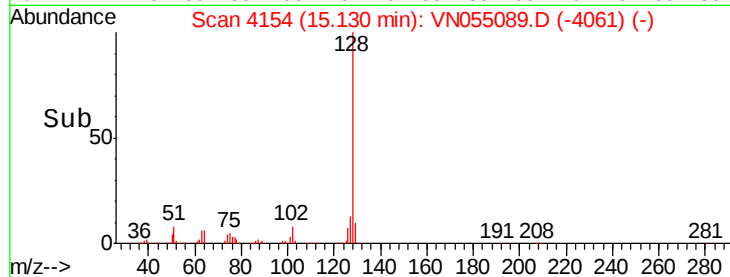
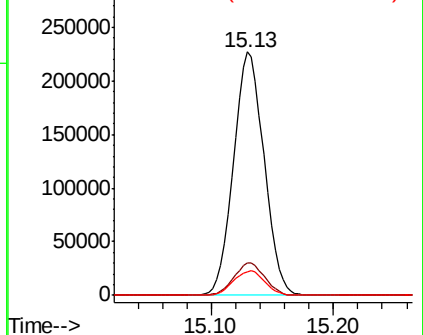


Abundance

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: 55.857 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055089.D

Acq: 16 Apr 2019 19:57

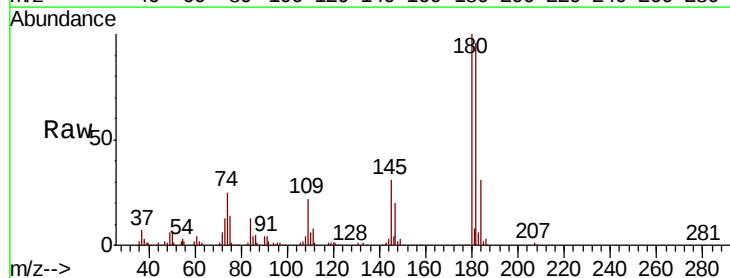
Tgt Ion:180 Resp: 182050

Ion Ratio Lower Upper

180 100

182 94.7 48.0 144.0

145 30.8 15.3 45.9



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

