

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053070.D
 Acq On : 20 Dec 2018 21:42
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 21 02:36:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1108520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1716393	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1451398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	625343	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	584351	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
35) Dibromofluoromethane	7.59	113	463242	59.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.16%	
50) Toluene-d8	10.09	98	2087287	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	12.40	95	679845	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	520922	46.432	ug/l	100
3) Chloromethane	2.06	50	603531	44.393	ug/l	100
4) Vinyl Chloride	2.19	62	665330	48.322	ug/l	100
5) Bromomethane	2.57	94	430001	45.076	ug/l	98
6) Chloroethane	2.71	64	394658	48.397	ug/l	99
7) Trichlorofluoromethane	3.03	101	867960	50.603	ug/l	99
8) Diethyl Ether	3.41	74	336747	52.041	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.77	101	545425	49.873	ug/l	98
10) Methyl Iodide	3.96	142	769351	50.094	ug/l	99
11) Tert butyl alcohol	4.78	59	165434	241.019	ug/l	99
12) 1,1-Dichloroethene	3.74	96	531504	50.305	ug/l	99
13) Acrolein	3.61	56	199983	321.320	ug/l	100
14) Allyl chloride	4.33	41	878300	53.666	ug/l	95
15) Acrylonitrile	4.99	53	967944	253.837	ug/l	99
16) Acetone	3.82	43	590769	267.844	ug/l	96
17) Carbon Disulfide	4.06	76	1498500	43.489	ug/l	99
18) Methyl Acetate	4.33	43	513323	51.251	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1486770	52.583	ug/l	99
20) Methylene Chloride	4.56	84	595342	49.482	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	565038	49.775	ug/l	98
22) Diisopropyl ether	5.95	45	1864945	53.386	ug/l	98
23) Vinyl Acetate	5.90	43	5332682	265.471	ug/l	98
24) 1,1-Dichloroethane	5.85	63	1083509	52.197	ug/l	99
25) 2-Butanone	6.83	43	1008289	272.391	ug/l	99
26) 2,2-Dichloropropane	6.83	77	758581	47.872	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	664844	51.733	ug/l	98
28) Bromochloromethane	7.20	49	469325	52.177	ug/l	95
29) Tetrahydrofuran	7.21	42	709396	256.598	ug/l	98
30) Chloroform	7.37	83	1053462	51.661	ug/l	100
31) Cyclohexane	7.66	56	978707	50.276	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	885030	50.948	ug/l	99
36) 1,1-Dichloropropene	7.80	75	813963	49.408	ug/l	100
37) Ethyl Acetate	6.93	43	478701	52.051	ug/l	98
38) Carbon Tetrachloride	7.78	117	756917	50.126	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053070.D
 Acq On : 20 Dec 2018 21:42
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 21 02:36:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	938541	46.896	ug/l	98
40) Benzene	8.04	78	2476726	50.542	ug/l	99
41) Methacrylonitrile	7.17	41	284431	53.526	ug/l	95
42) 1,2-Dichloroethane	8.13	62	728806	50.345	ug/l	99
43) Isopropyl Acetate	8.16	43	904977	50.867	ug/l	98
44) Trichloroethene	8.84	130	681836	48.106	ug/l	97
45) 1,2-Dichloropropane	9.12	63	653667	51.213	ug/l	100
46) Dibromomethane	9.21	93	369859	49.742	ug/l	99
47) Bromodichloromethane	9.40	83	798786	50.539	ug/l	99
48) Methyl methacrylate	9.20	41	451515	50.594	ug/l	99
49) 1,4-Dioxane	9.20	88	95766	848.322	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	2301408	258.399	ug/l	99
52) Toluene	10.16	92	1493849	49.183	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	800090	48.140	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	946855	49.633	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	531083	50.120	ug/l	100
56) Ethyl methacrylate	10.43	69	713954	50.905	ug/l	97
57) 1,3-Dichloropropane	10.71	76	914740	50.341	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1985505	257.865	ug/l	98
59) 2-Hexanone	10.75	43	1509158	250.445	ug/l	99
60) Dibromochloromethane	10.90	129	589144	48.572	ug/l	99
61) 1,2-Dibromoethane	11.01	107	528176	49.079	ug/l	99
64) Tetrachloroethene	10.63	164	762908	48.525	ug/l	98
65) Chlorobenzene	11.43	112	1599954	49.729	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	584022	52.200	ug/l	100
67) Ethyl Benzene	11.51	91	2764294	49.960	ug/l	99
68) m/p-Xylenes	11.62	106	2056329	97.762	ug/l	100
69) o-Xylene	11.95	106	1007698	49.926	ug/l	100
70) Styrene	11.96	104	1649475	50.118	ug/l	99
71) Bromoform	12.13	173	383236	47.415	ug/l #	100
73) Isopropylbenzene	12.25	105	2659409	54.354	ug/l	100
74) N-amyl acetate	12.07	43	758049	55.804	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	544228	56.697	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	737587	70.066	ug/l #	100
77) Bromobenzene	12.53	156	668445	52.557	ug/l	98
78) n-propylbenzene	12.59	91	2929783	52.577	ug/l	99
79) 2-Chlorotoluene	12.67	91	1727927	50.026	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2045633	51.294	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	164320	50.311	ug/l	98
82) 4-Chlorotoluene	12.77	91	1740331	51.471	ug/l	100
83) tert-Butylbenzene	12.99	119	1803303	51.128	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2059916	51.381	ug/l	99
85) sec-Butylbenzene	13.17	105	2371485	49.710	ug/l	99
86) p-Isopropyltoluene	13.29	119	2038342	49.447	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1108604	49.249	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1096624	48.107	ug/l	100
89) n-Butylbenzene	13.62	91	1636459	46.144	ug/l	100
90) Hexachloroethane	13.88	117	311383	49.223	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1045117	49.332	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	77947	46.964	ug/l	97

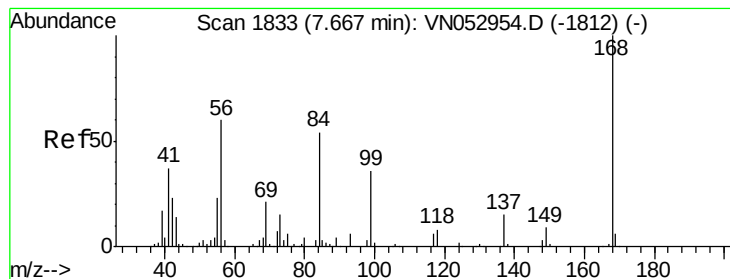
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
Data File : VN053070.D
Acq On : 20 Dec 2018 21:42
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 30 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Dec 21 02:36:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	533802	47.588	ug/l	99
94) Hexachlorobutadiene	15.01	225	298220	51.395	ug/l	99
95) Naphthalene	15.13	128	1143505	46.589	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	479587	47.475	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampleId :

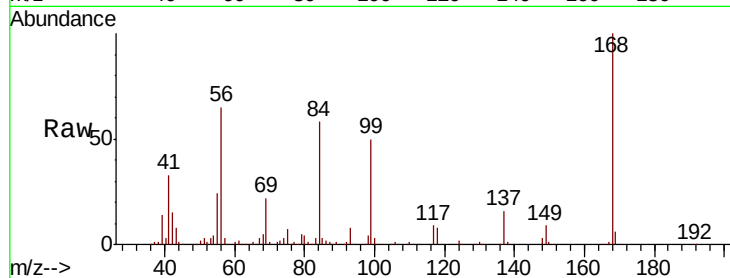
VSTDCCC050

Tot Ion:168 Resp: 1108520

Ion Ratio Lower Upper

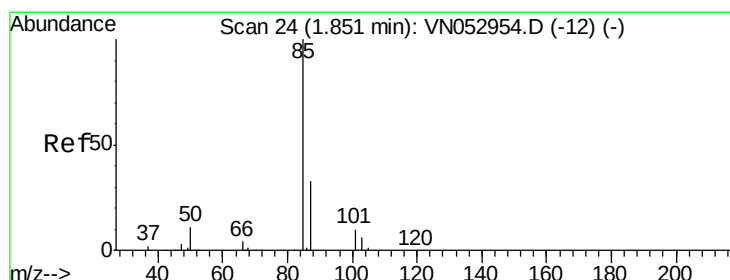
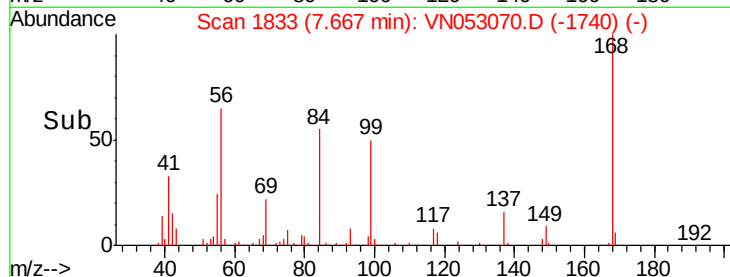
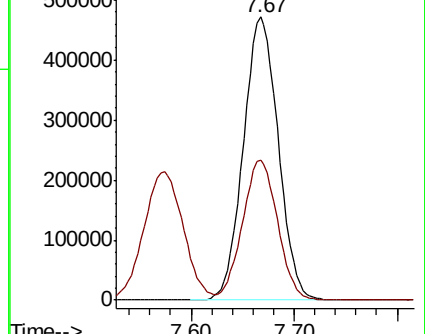
168 100

99 49.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 46.432 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN053070.D

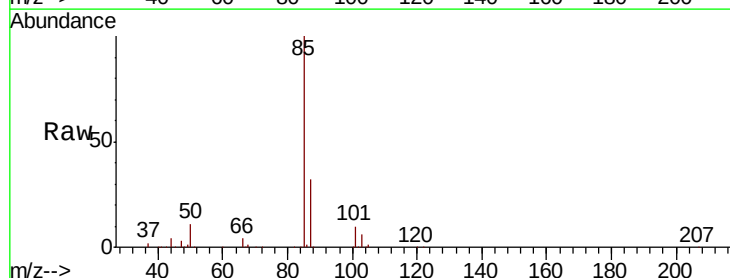
Acq: 20 Dec 2018 21:42

Tgt Ion: 85 Resp: 520922

Ion Ratio Lower Upper

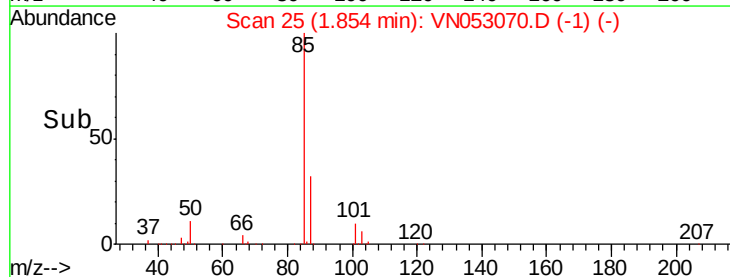
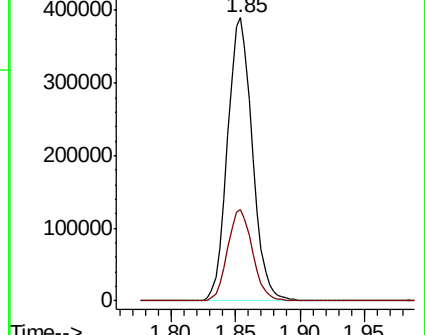
85 100

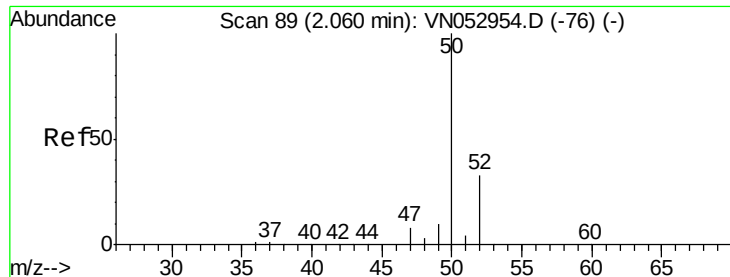
87 32.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 44.393 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampleId :

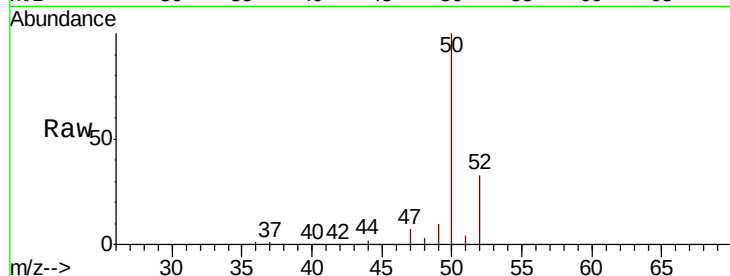
VSTDCCC050

Tot Ion: 50 Resp: 603531

Ion Ratio Lower Upper

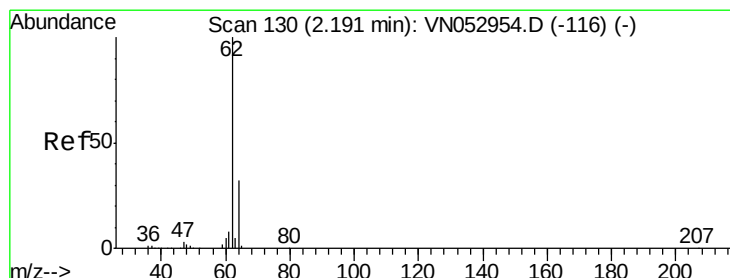
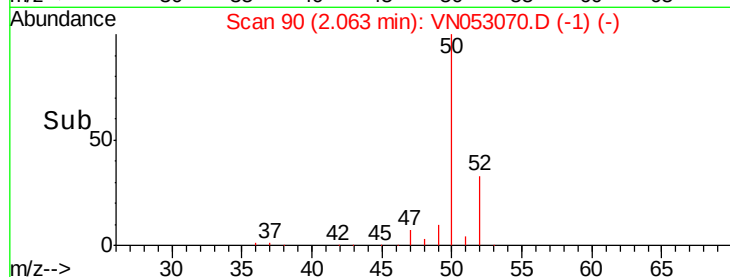
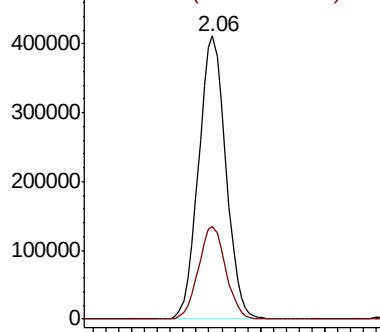
50 100

52 32.8 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 48.322 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN053070.D

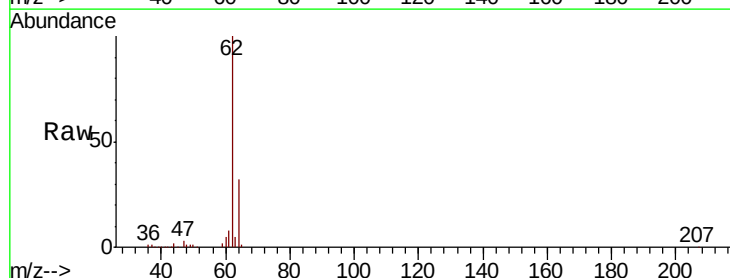
Acq: 20 Dec 2018 21:42

Tgt Ion: 62 Resp: 665330

Ion Ratio Lower Upper

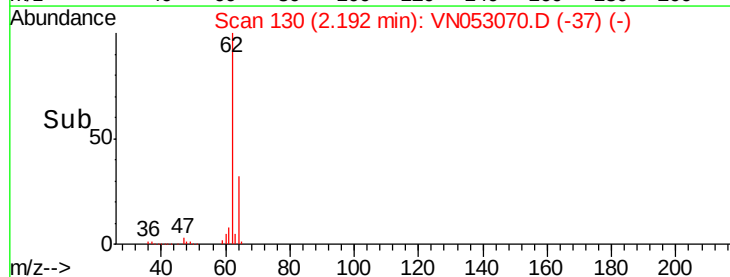
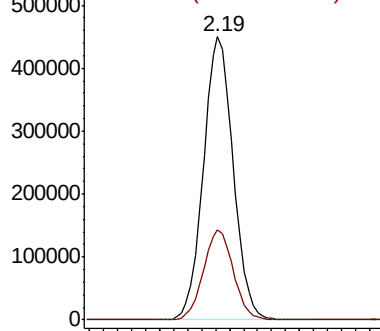
62 100

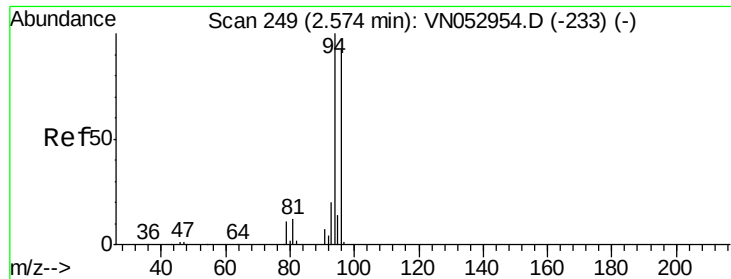
64 31.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 45.076 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampleId :

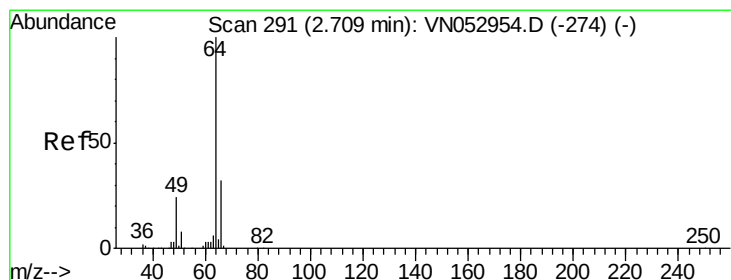
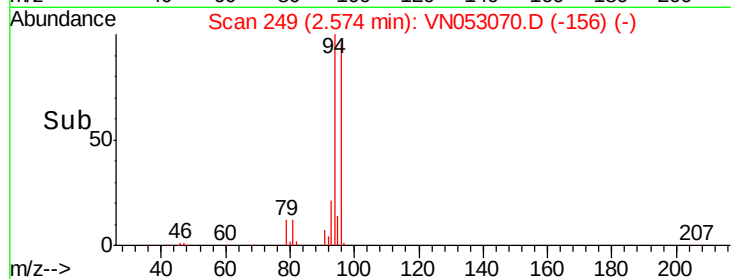
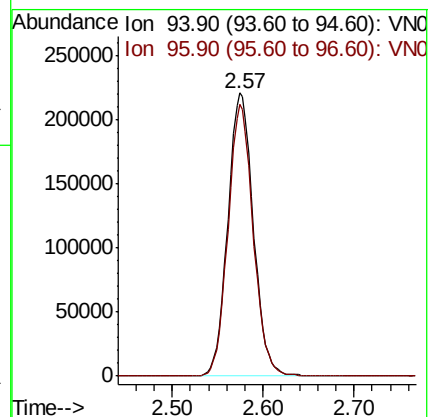
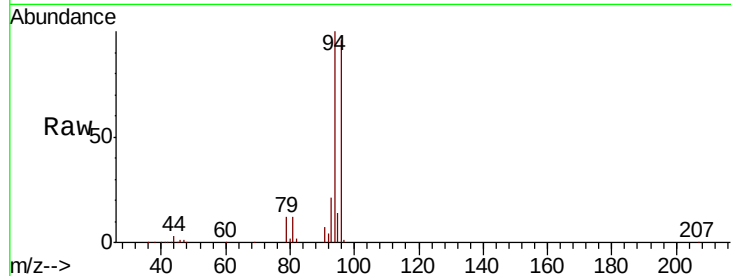
VSTDCCC050

Tot Ion: 94 Resp: 430001

Ion Ratio Lower Upper

94 100

96 95.9 75.0 112.4



#6

Chloroethane

Concen: 48.397 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN053070.D

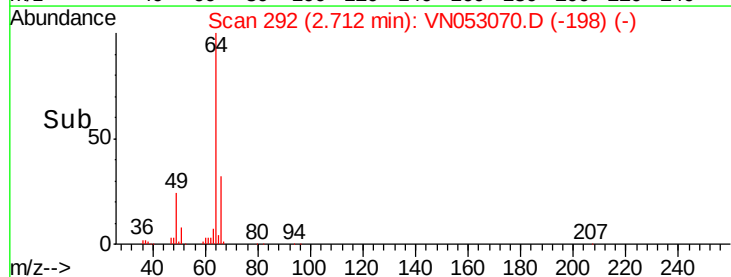
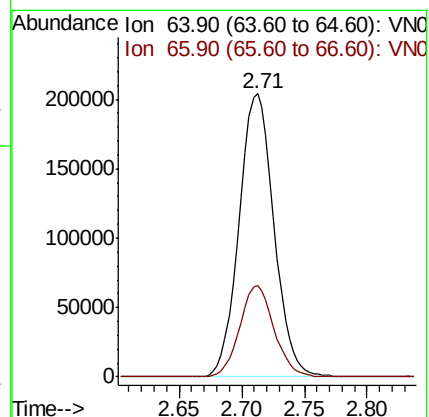
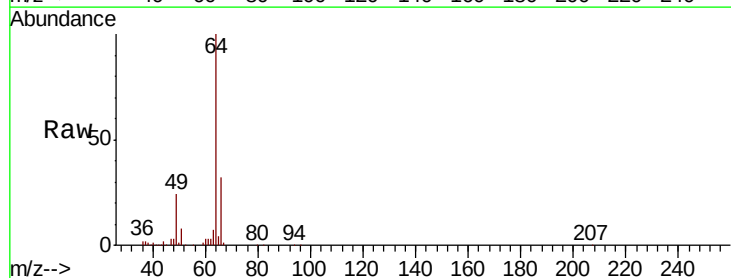
Acq: 20 Dec 2018 21:42

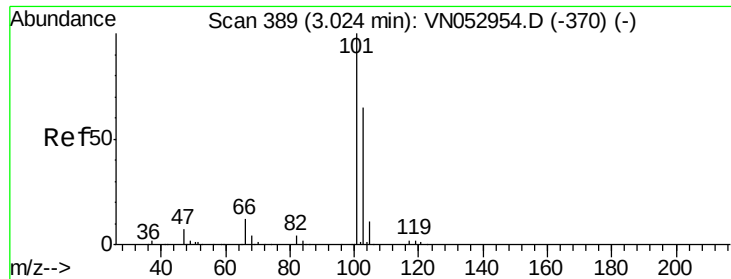
Tgt Ion: 64 Resp: 394658

Ion Ratio Lower Upper

64 100

66 32.2 26.2 39.2



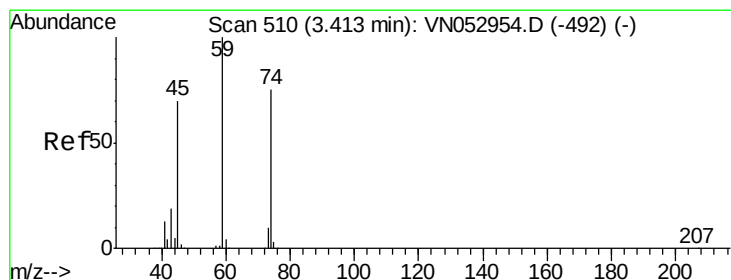
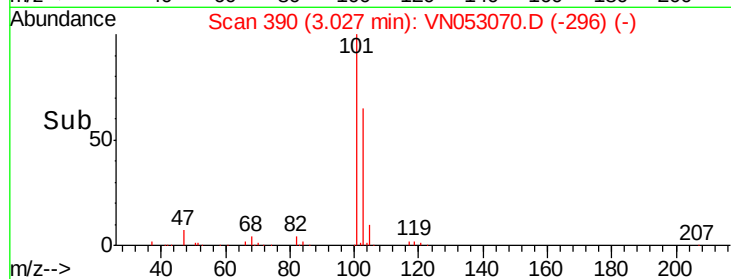
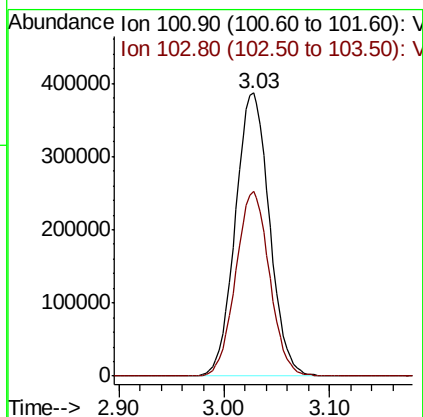
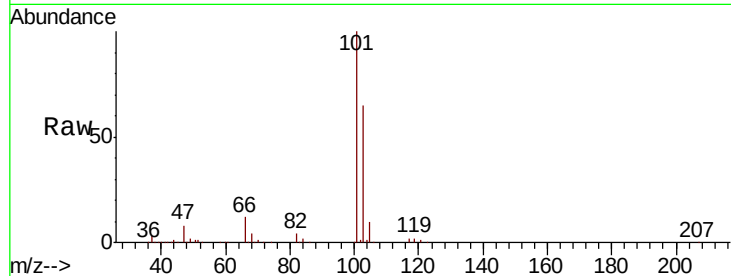


#7

Trichlorofluoromethane
 Concen: 50.603 ug/l
 RT: 3.03 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

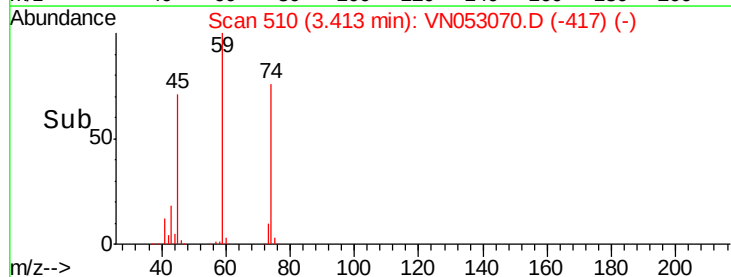
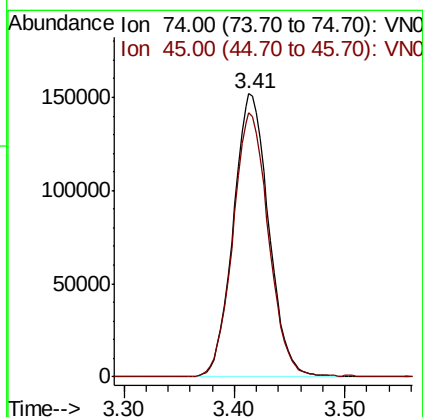
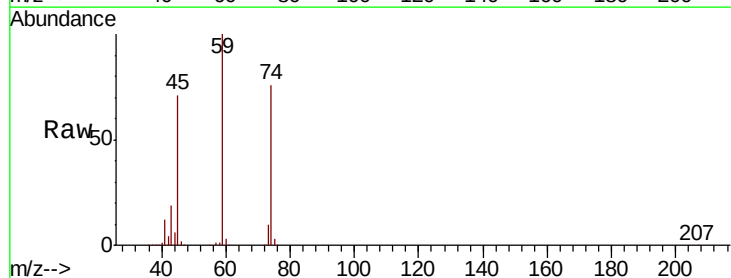
Tot Ion:101 Resp: 867960
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.8 77.6

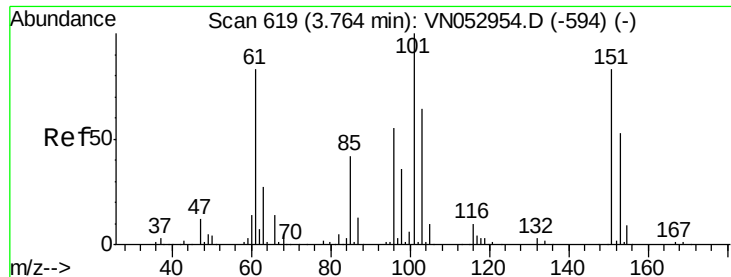


#8

Diethyl Ether
 Concen: 52.041 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

Tgt Ion: 74 Resp: 336747
 Ion Ratio Lower Upper
 74 100
 45 93.5 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.873 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

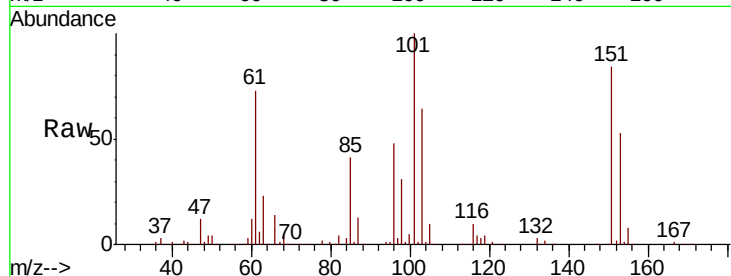
Tot Ion:101 Resp: 545425

Ion Ratio Lower Upper

101 100

85 41.7 33.6 50.4

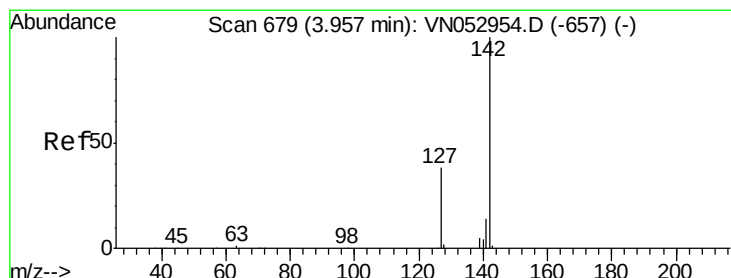
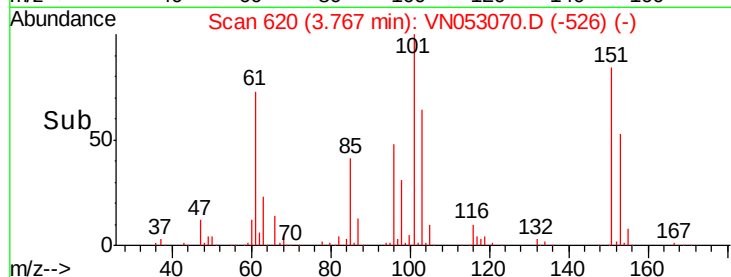
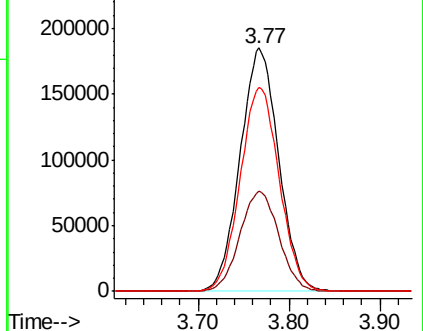
151 85.0 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.094 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

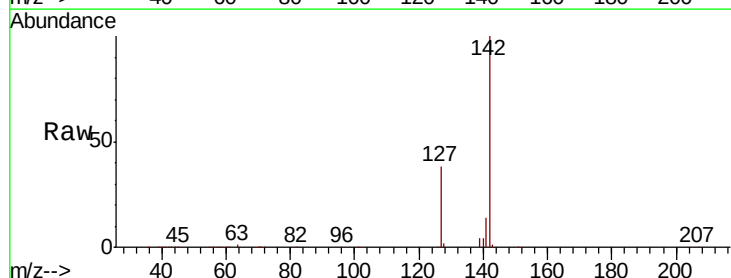
Tgt Ion:142 Resp: 769351

Ion Ratio Lower Upper

142 100

127 38.1 31.0 46.6

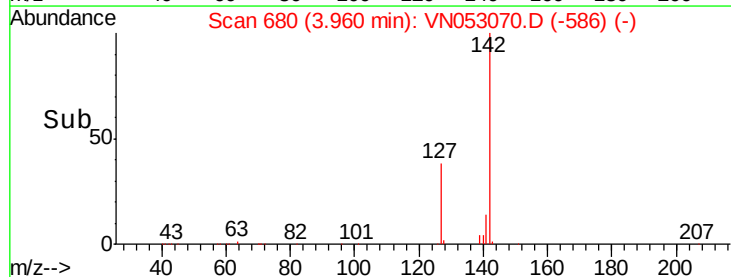
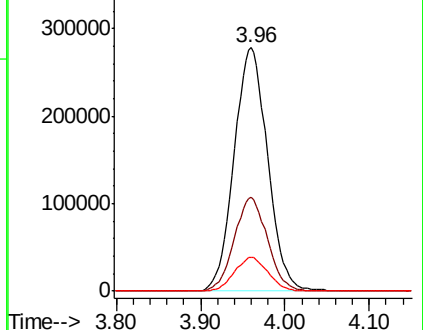
141 13.9 11.2 16.8

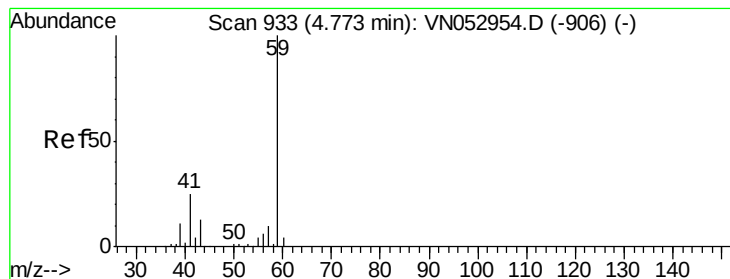


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



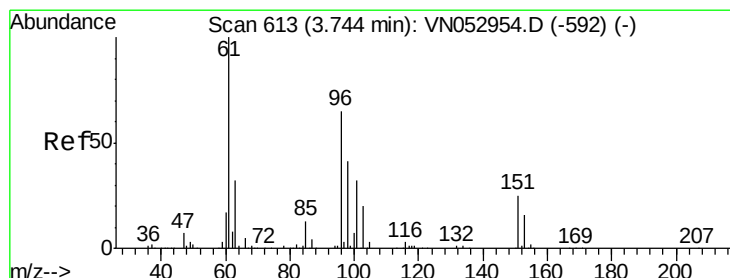
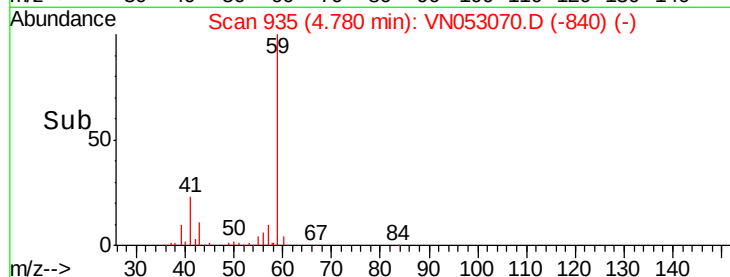
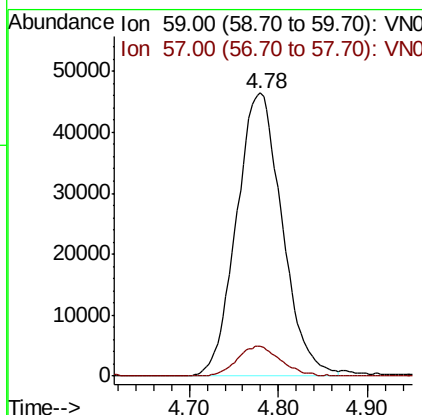
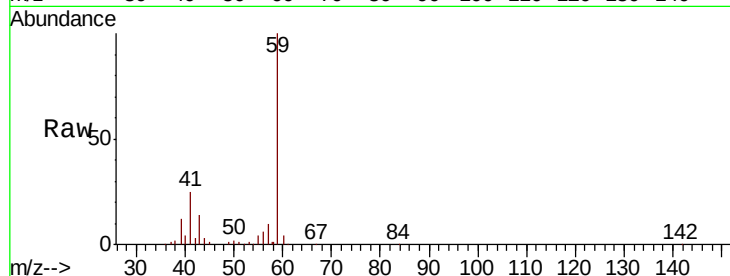


#11

Tert butyl alcohol
 Concen: 241.019 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. 0.01 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

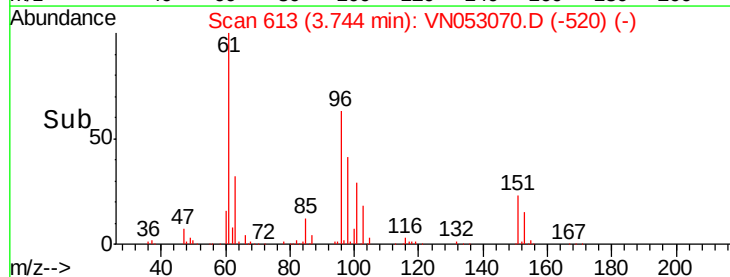
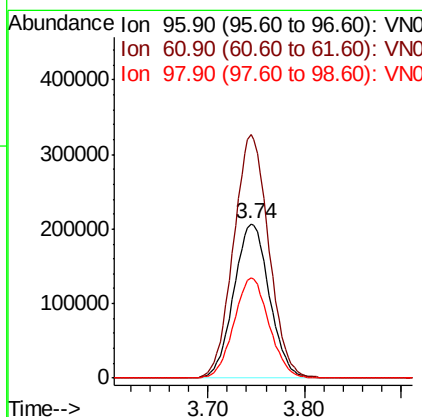
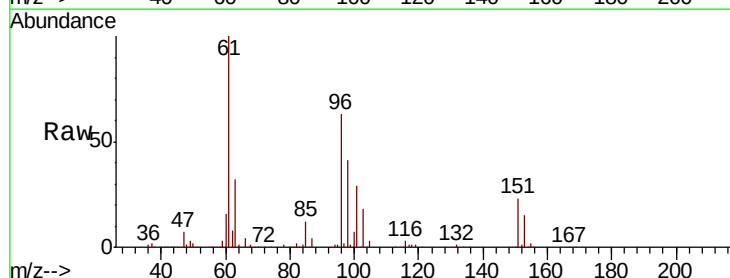
Tot Ion: 59 Resp: 165434
 Ion Ratio Lower Upper
 59 100
 57 10.1 7.7 11.5

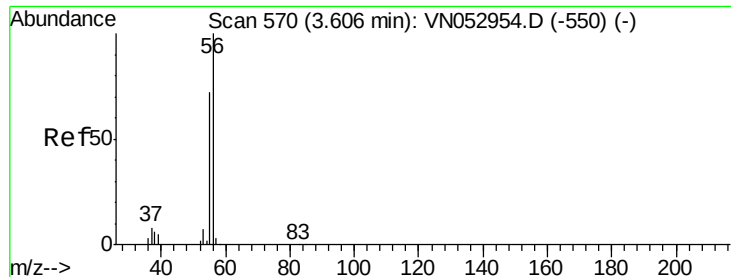


#12

1,1-Dichloroethene
 Concen: 50.305 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

Tgt Ion: 96 Resp: 531504
 Ion Ratio Lower Upper
 96 100
 61 157.6 125.6 188.4
 98 65.0 50.6 75.8





#13

Acrolein

Concen: 321.320 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampleId :

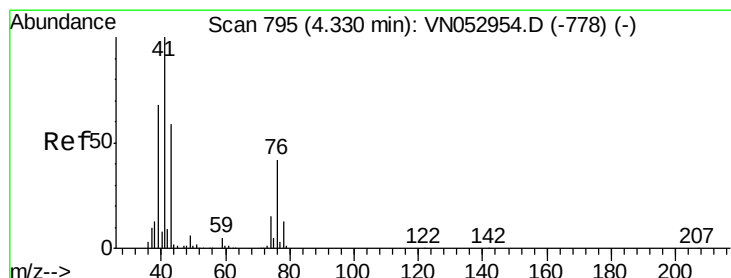
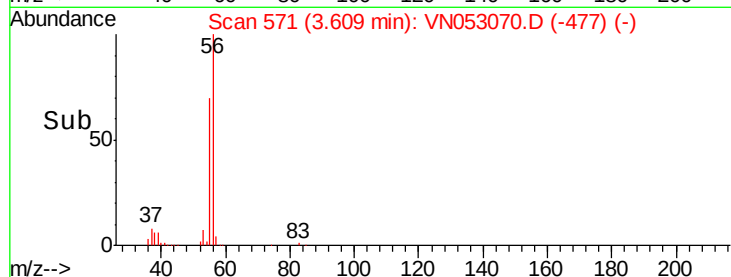
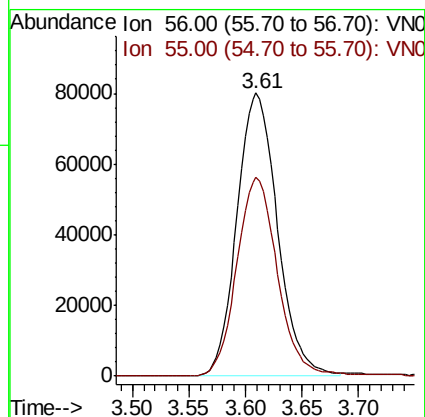
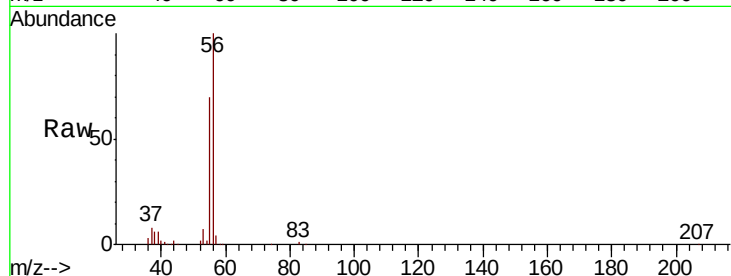
VSTDCCC050

Tot Ion: 56 Resp: 199983

Ion Ratio Lower Upper

56 100

55 70.4 56.6 85.0



#14

Allyl chloride

Concen: 53.666 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

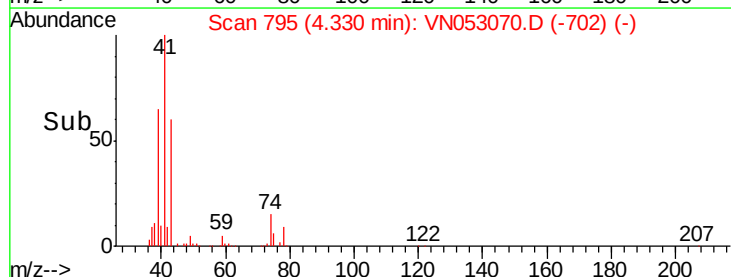
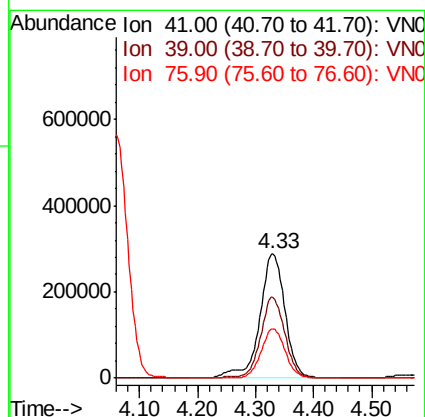
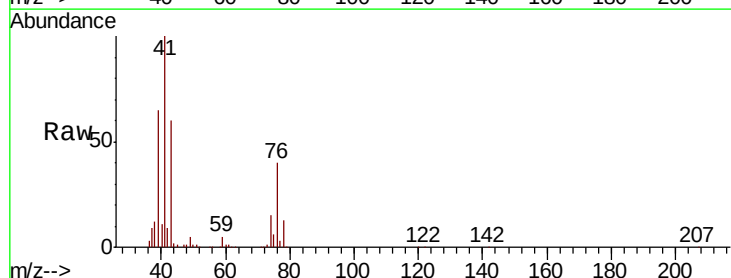
Tgt Ion: 41 Resp: 878300

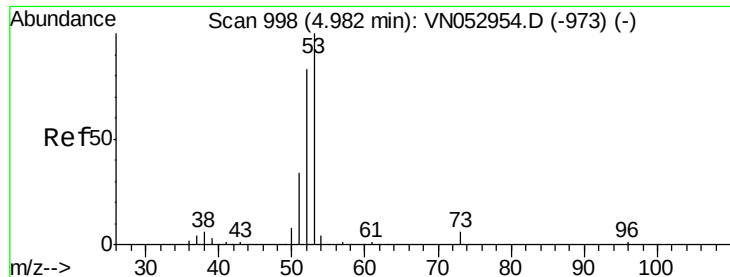
Ion Ratio Lower Upper

41 100

39 62.1 54.1 81.1

76 37.2 30.3 45.5





#15

Acrylonitrile

Concen: 253.837 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

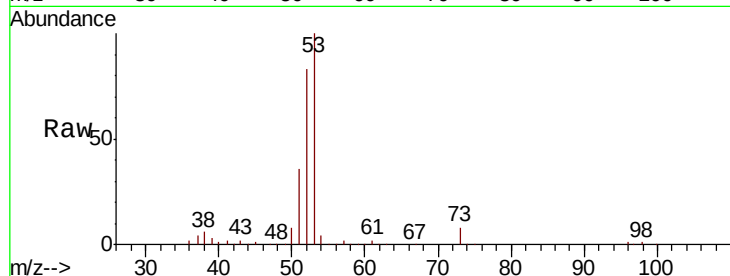
Tot Ion: 53 Resp: 967944

Ion Ratio Lower Upper

53 100

52 82.1 65.1 97.7

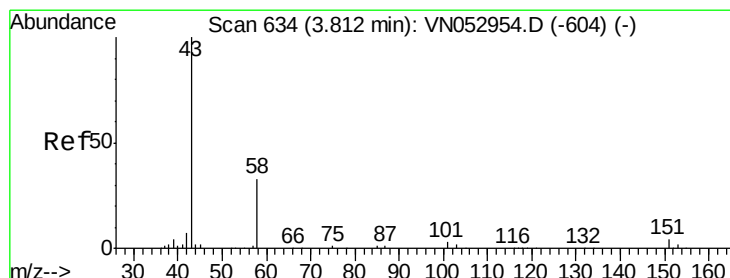
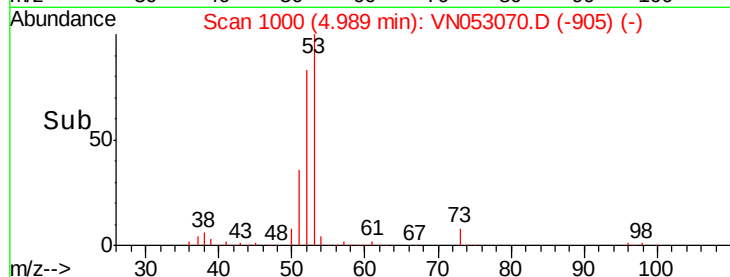
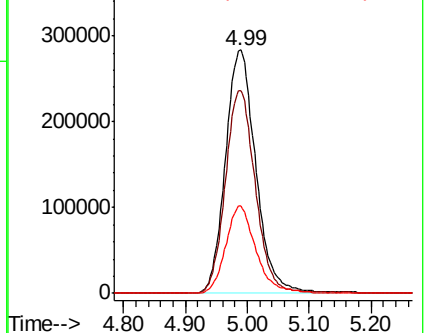
51 35.8 28.1 42.1



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: 267.844 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053070.D

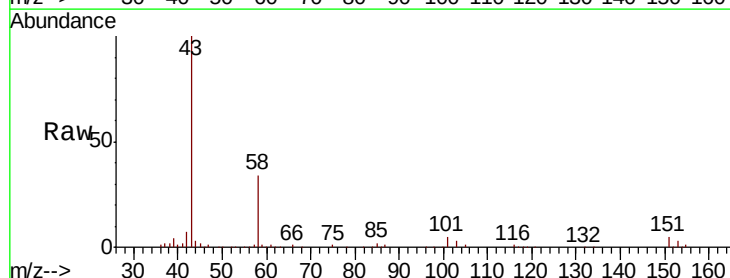
Acq: 20 Dec 2018 21:42

Tgt Ion: 43 Resp: 590769

Ion Ratio Lower Upper

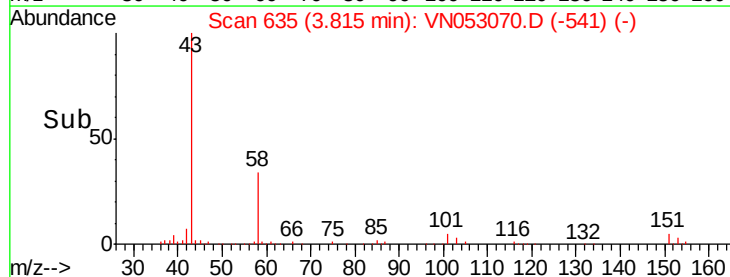
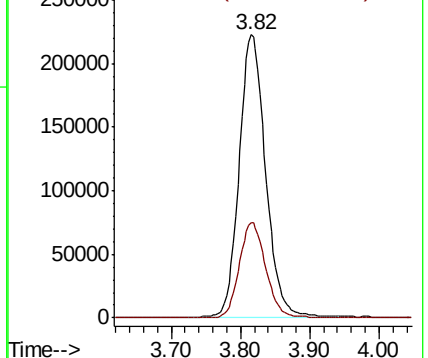
43 100

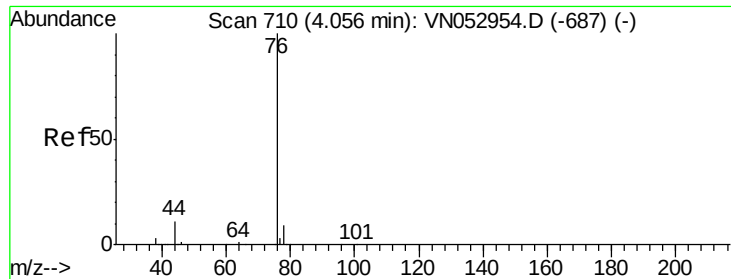
58 33.8 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

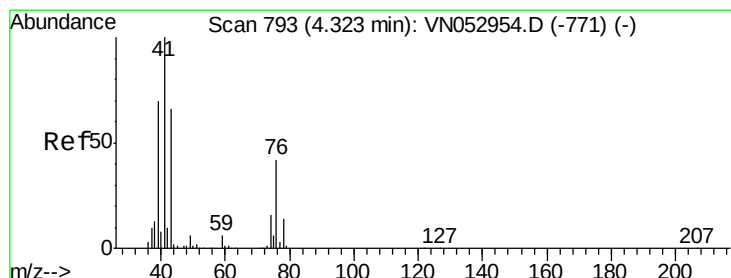
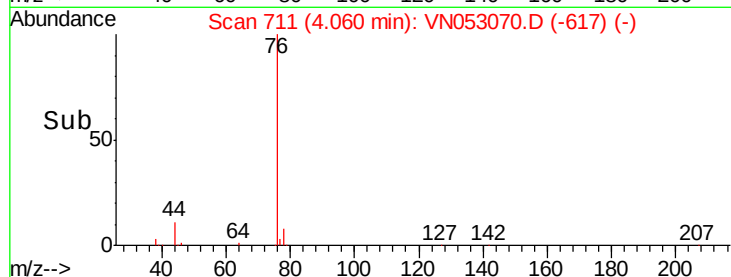
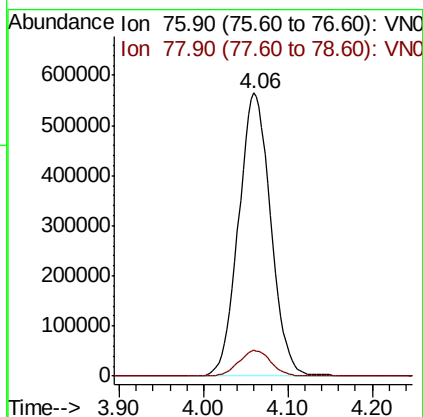
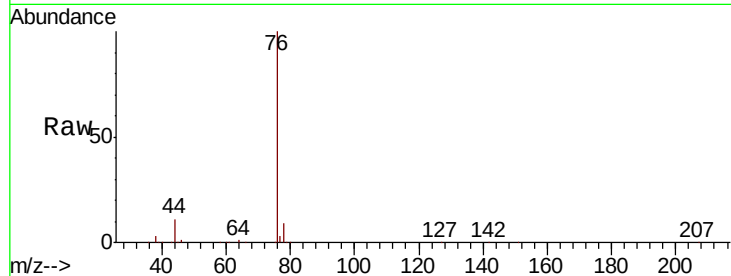




#17
Carbon Disulfide
Concen: 43.489 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

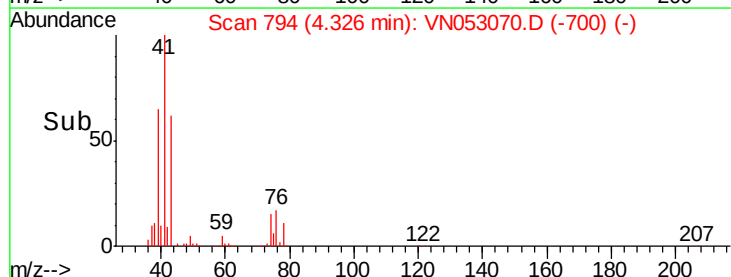
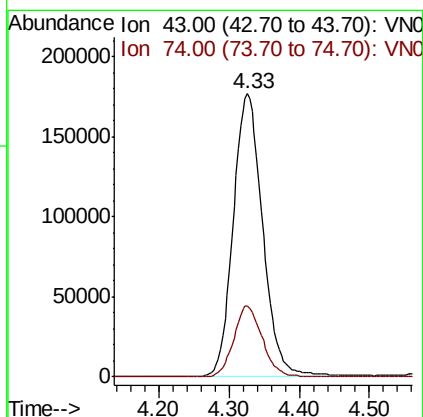
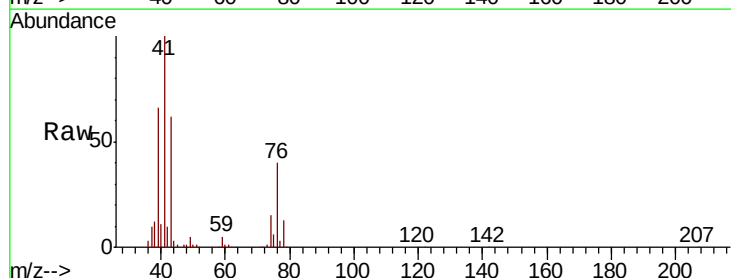
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

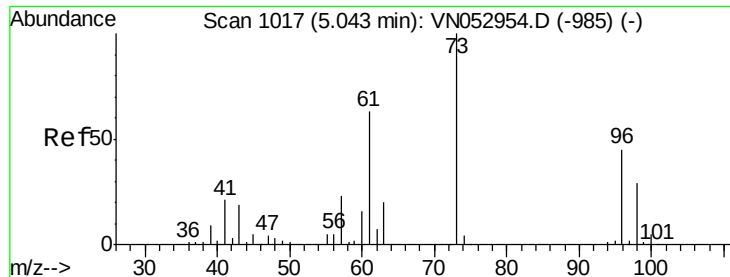
Tot Ion: 76 Resp: 1498500
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 51.251 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Tgt Ion: 43 Resp: 513323
Ion Ratio Lower Upper
43 100
74 24.4 19.2 28.8



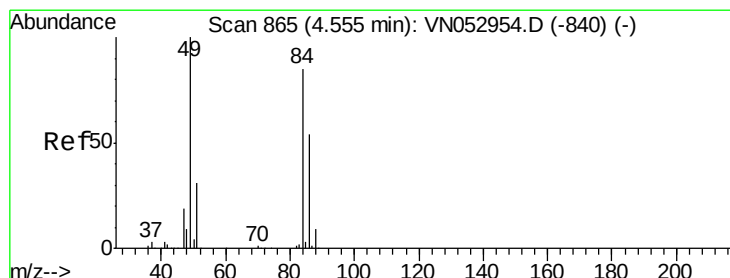
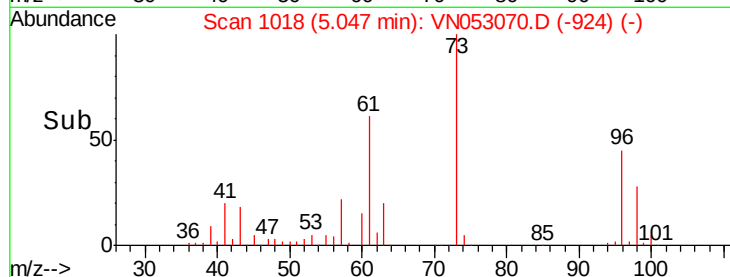
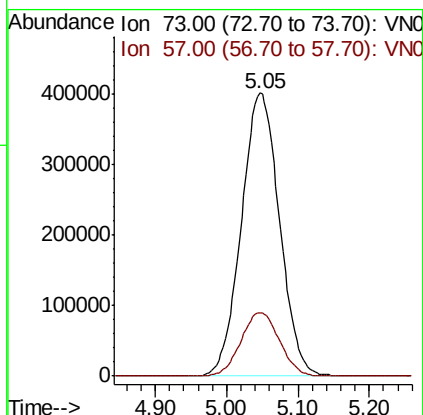
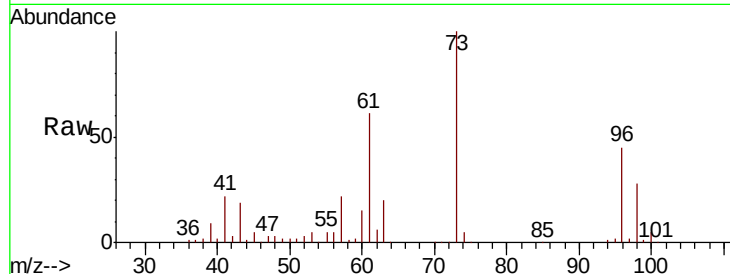


#19

Methyl tert-butyl Ether
 Concen: 52.583 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

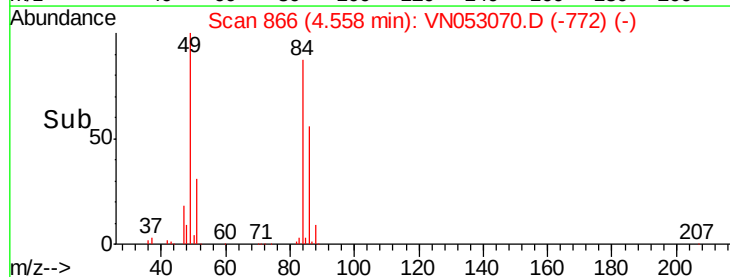
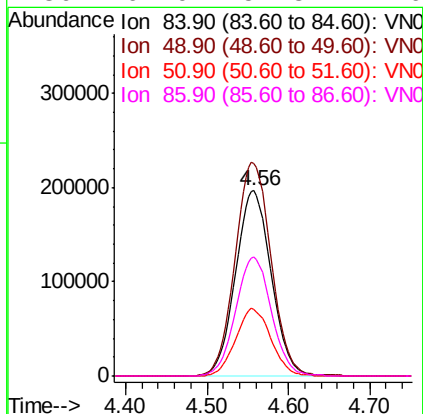
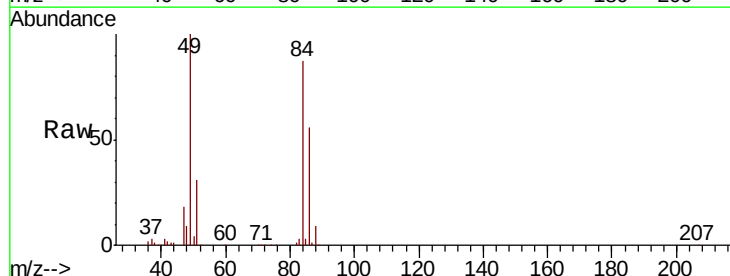
Tot Ion: 73 Resp: 1486770
 Ion Ratio Lower Upper
 73 100
 57 22.3 18.4 27.6

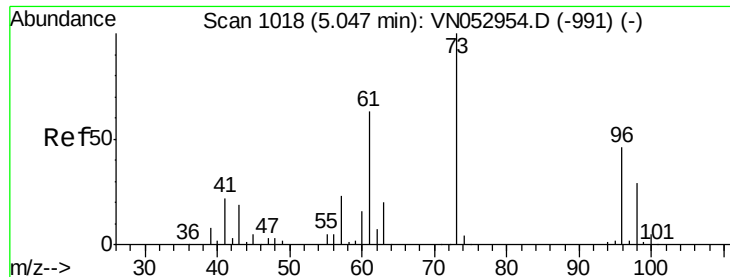


#20

Methylene Chloride
 Concen: 49.482 ug/l
 RT: 4.56 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

Tgt Ion: 84 Resp: 595342
 Ion Ratio Lower Upper
 84 100
 49 114.9 96.8 145.2
 51 36.0 29.9 44.9
 86 64.0 51.8 77.6

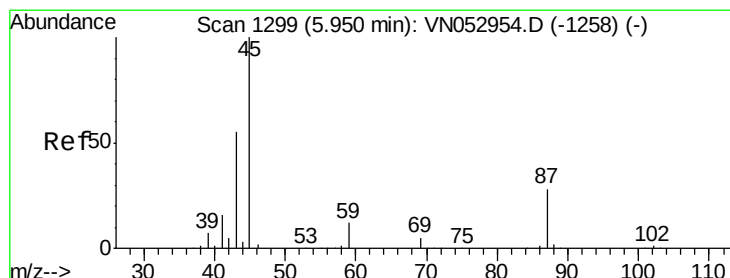
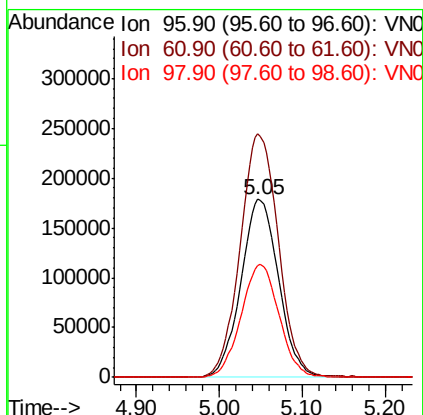
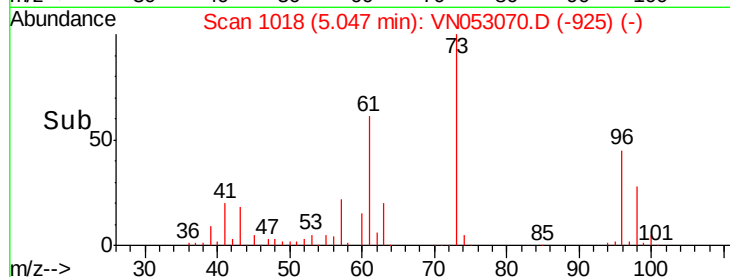
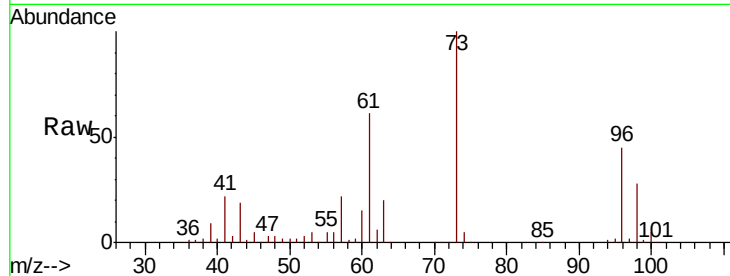




#21
trans-1,2-Dichloroethene
Concen: 49.775 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

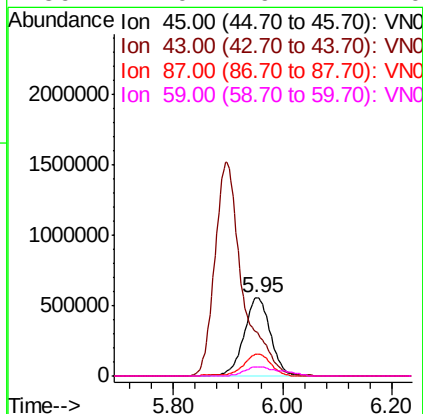
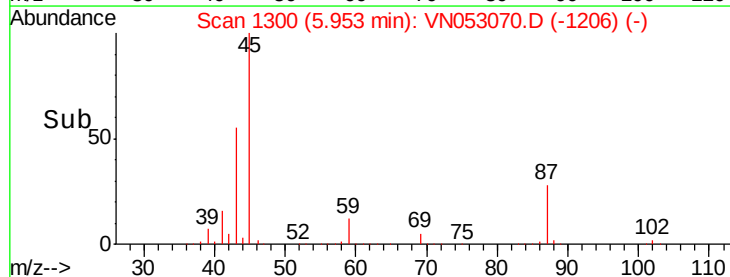
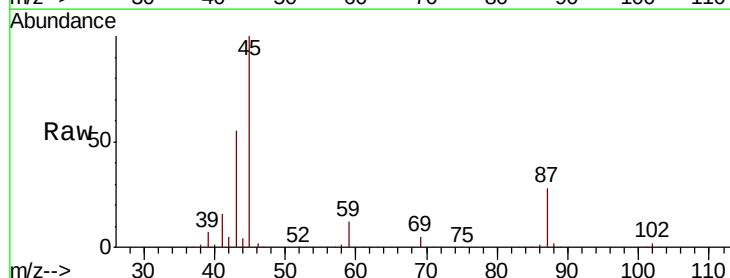
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

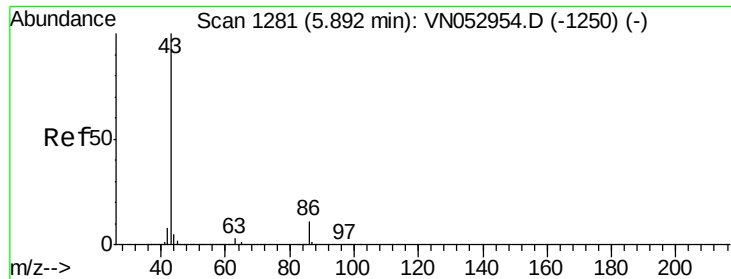
Tot Ion: 96 Resp: 565038
Ion Ratio Lower Upper
96 100
61 136.7 110.8 166.2
98 62.7 51.4 77.2



#22
Diisopropyl ether
Concen: 53.386 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Tgt Ion: 45 Resp: 1864945
Ion Ratio Lower Upper
45 100
43 54.3 45.5 68.3
87 28.1 22.0 33.0
59 12.0 9.4 14.0





#23

Vinyl Acetate

Concen: 265.471 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampleId :

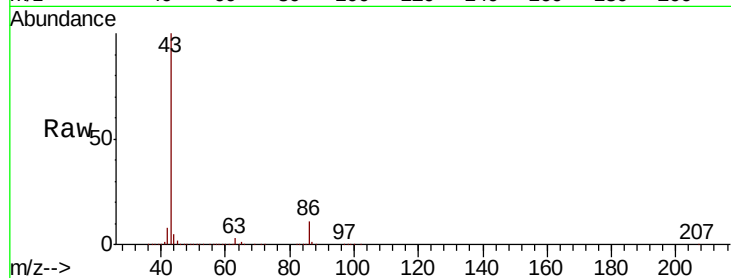
VSTDCCC050

Tot Ion: 43 Resp: 5332682

Ion Ratio Lower Upper

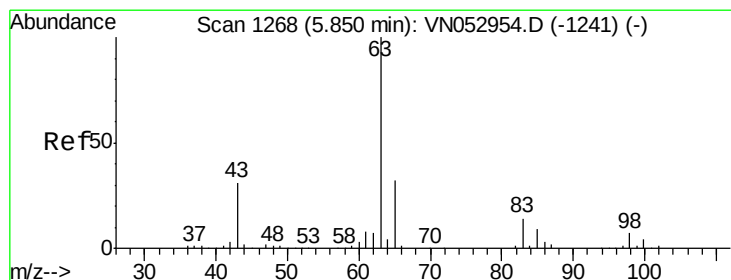
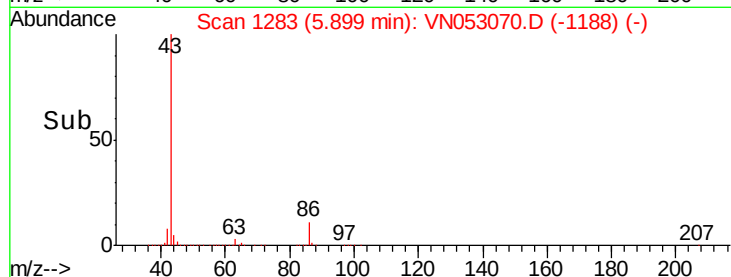
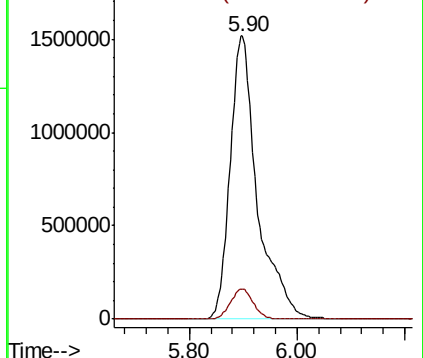
43 100

86 10.7 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VN053070.D (-1188) (-)

Ion 86.00 (85.70 to 86.70): VN053070.D (-1188) (-)



#24

1,1-Dichloroethane

Concen: 52.197 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

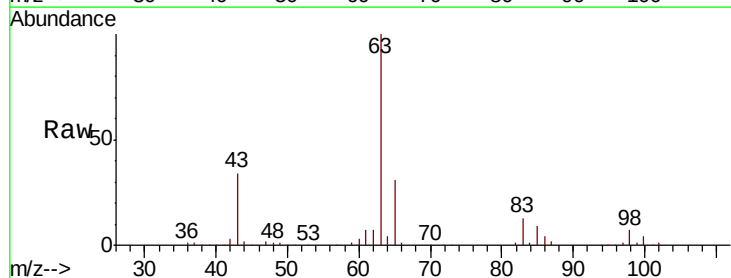
Tgt Ion: 63 Resp: 1083509

Ion Ratio Lower Upper

63 100

98 6.6 3.1 9.4

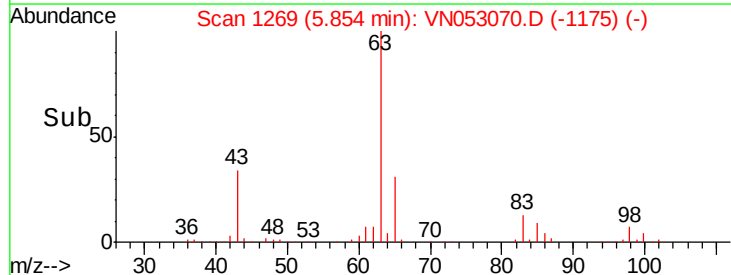
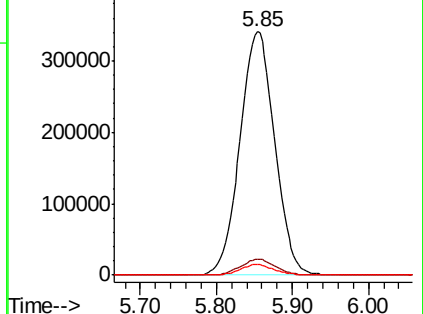
100 4.2 2.0 5.8

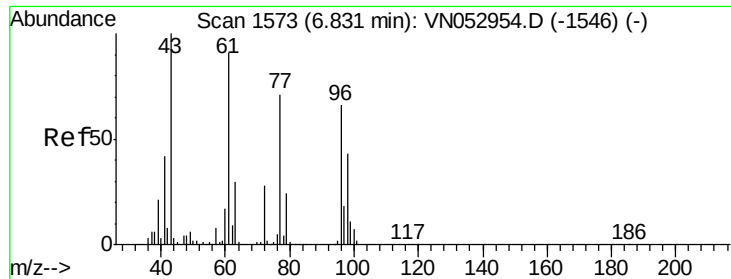


Abundance Ion 62.90 (62.60 to 63.60): VN053070.D (-1175) (-)

Ion 97.90 (97.60 to 98.60): VN053070.D (-1175) (-)

Ion 99.90 (99.60 to 100.60): VN053070.D (-1175) (-)





#25

2-Butanone

Concen: 272.391 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampleId :

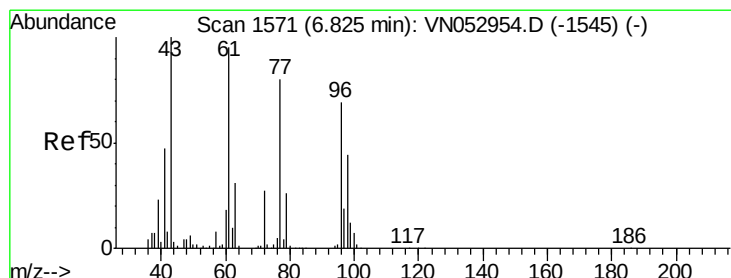
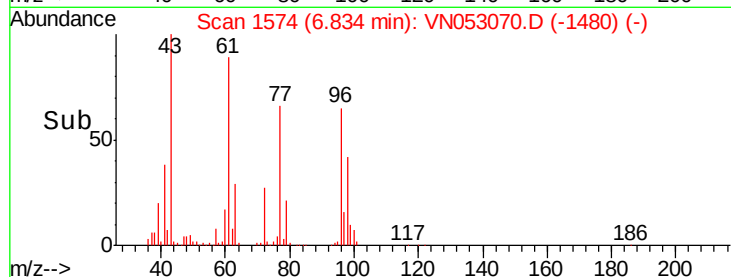
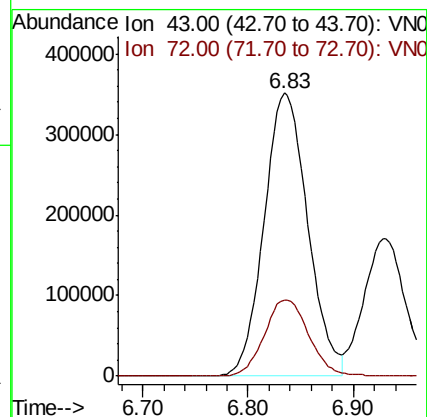
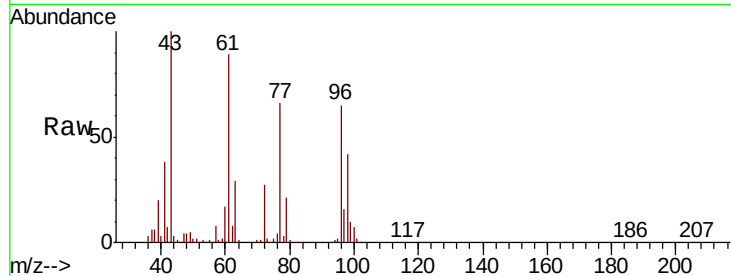
VSTDCCC050

Tot Ion: 43 Resp: 1008289

Ion Ratio Lower Upper

43 100

72 27.0 21.0 31.6



#26

2,2-Dichloropropane

Concen: 47.872 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN053070.D

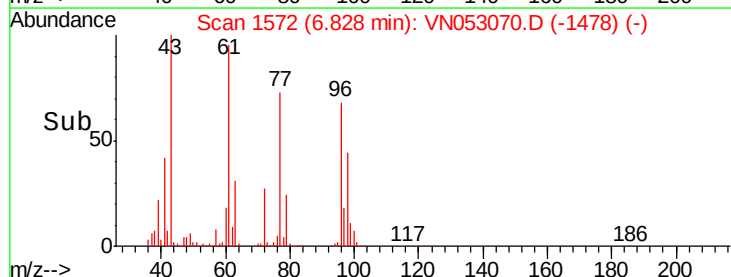
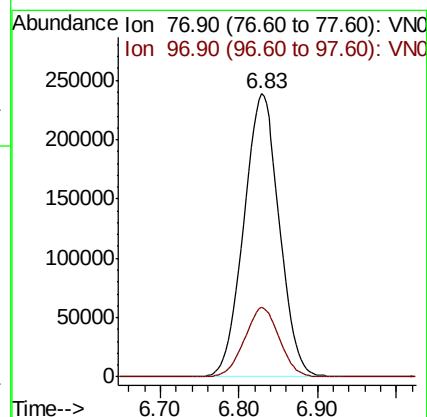
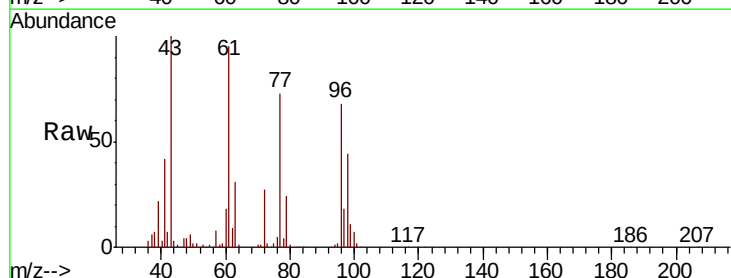
Acq: 20 Dec 2018 21:42

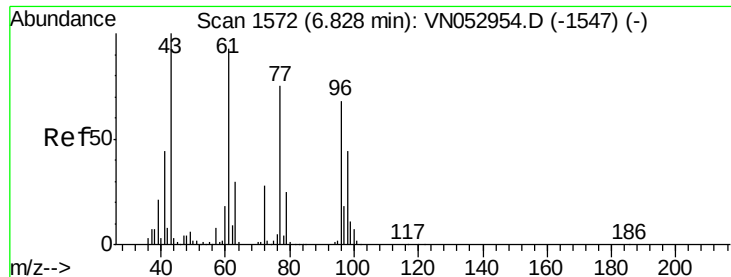
Tgt Ion: 77 Resp: 758581

Ion Ratio Lower Upper

77 100

97 24.2 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 51.733 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

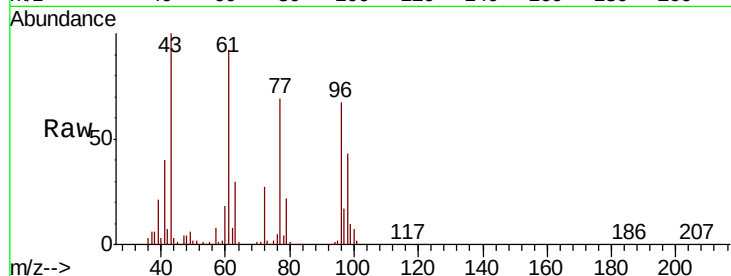
Tot Ion: 96 Resp: 664844

Ion Ratio Lower Upper

96 100

61 139.3 0.0 284.2

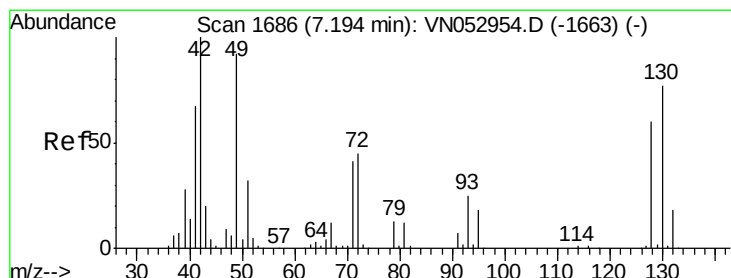
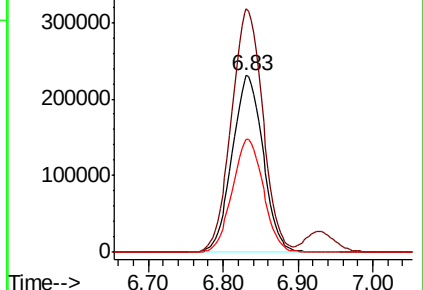
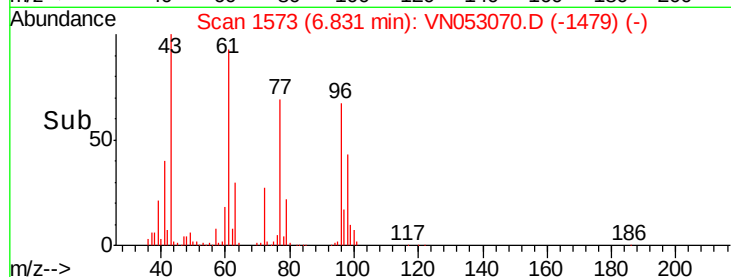
98 64.2 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN053070.D (-1479) (-)

Ion 60.90 (60.60 to 61.60): VN053070.D (-1479) (-)

Ion 97.90 (97.60 to 98.60): VN053070.D (-1479) (-)



#28

Bromochloromethane

Concen: 52.177 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

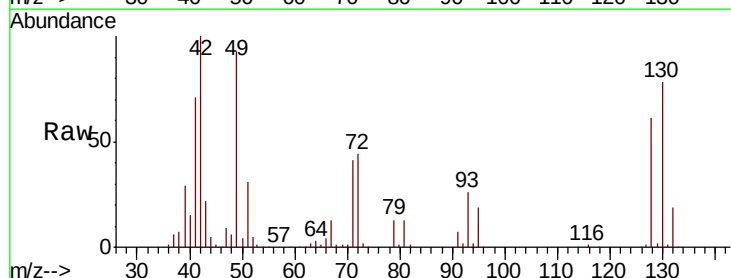
Tgt Ion: 49 Resp: 469325

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

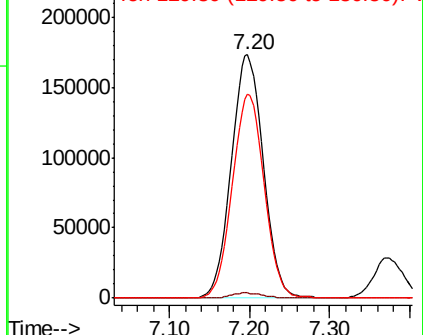
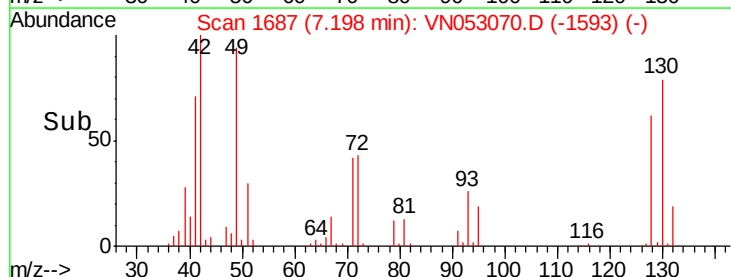
130 83.1 63.3 94.9

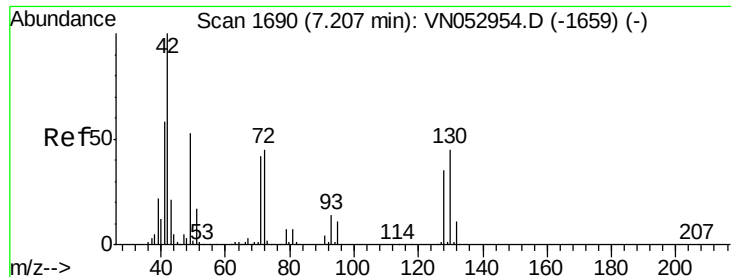


Abundance Ion 48.90 (48.60 to 49.60): VN053070.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN053070.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN053070.D (-1593) (-)

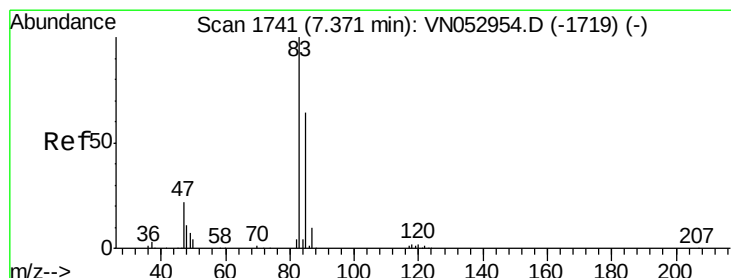
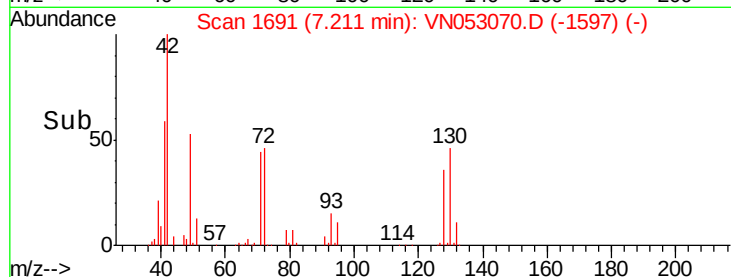
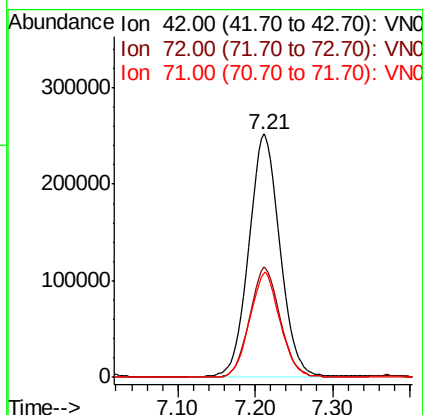
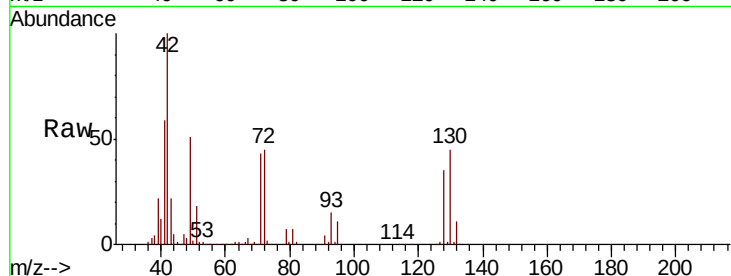




#29
Tetrahydrofuran
Concen: 256.598 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

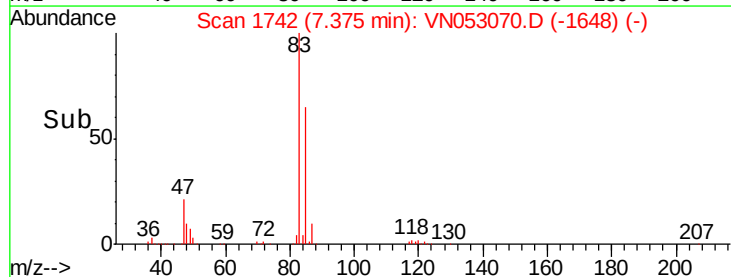
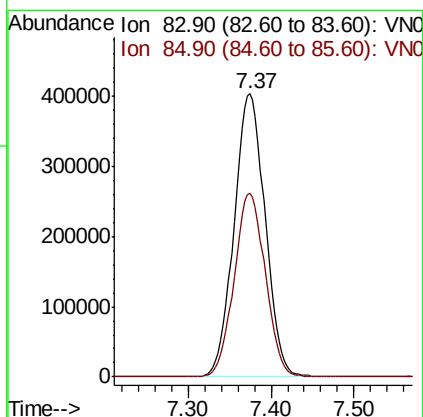
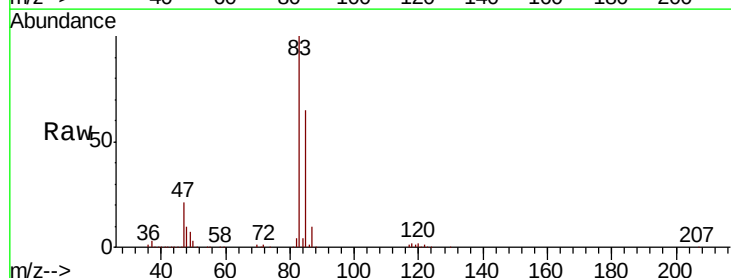
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

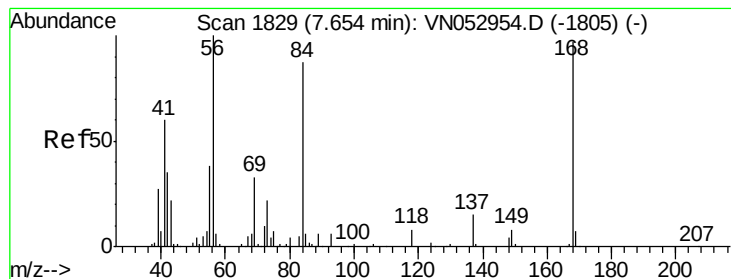
Tot Ion: 42 Resp: 709396
Ion Ratio Lower Upper
42 100
72 44.5 34.7 52.1
71 42.2 32.3 48.5



#30
Chloroform
Concen: 51.661 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Tgt Ion: 83 Resp: 1053462
Ion Ratio Lower Upper
83 100
85 65.0 52.1 78.1





#31

Cyclohexane

Concen: 50.276 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

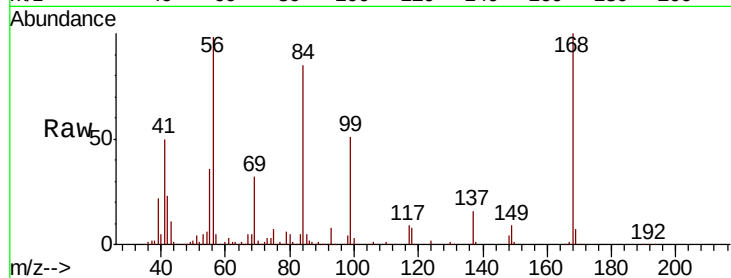
Tot Ion: 56 Resp: 978707

Ion Ratio Lower Upper

56 100

69 33.0 26.6 39.8

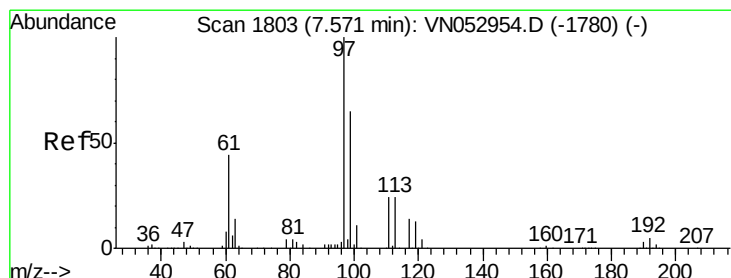
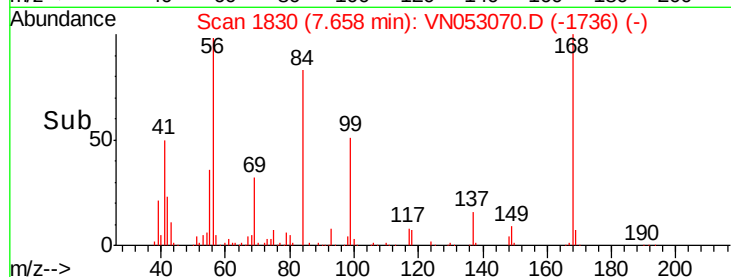
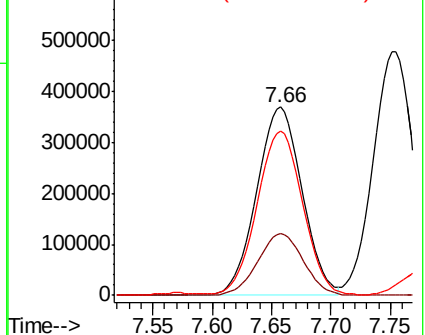
84 86.3 68.4 102.6



Abundance Ion 56.00 (55.70 to 56.70): VN052954.D (-1805) (-)

Ion 69.00 (68.70 to 69.70): VN052954.D (-1805) (-)

Ion 84.00 (83.70 to 84.70): VN052954.D (-1805) (-)



#32

1,1,1-Trichloroethane

Concen: 50.948 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

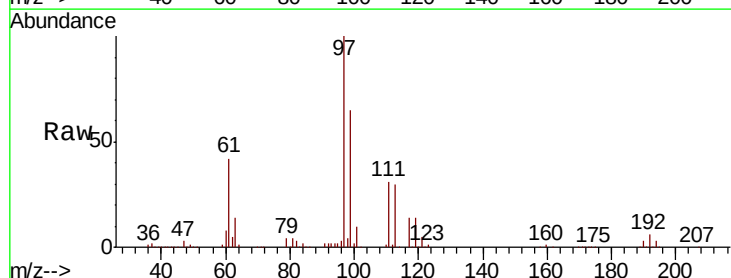
Tgt Ion: 97 Resp: 885030

Ion Ratio Lower Upper

97 100

99 64.5 51.1 76.7

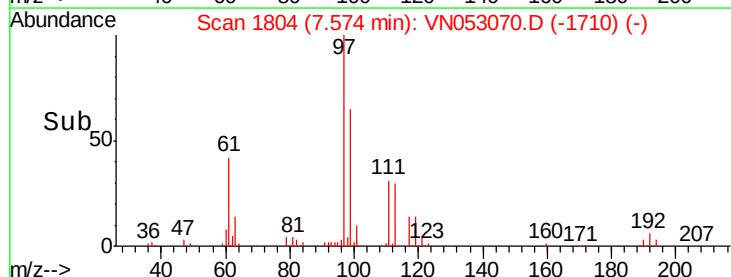
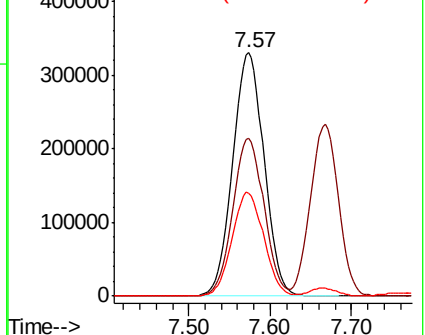
61 43.0 35.0 52.6

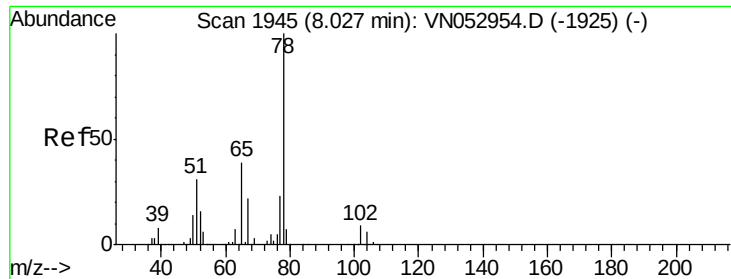


Abundance Ion 96.90 (96.60 to 97.60): VN052954.D (-1780) (-)

Ion 98.90 (98.60 to 99.60): VN052954.D (-1780) (-)

Ion 60.90 (60.60 to 61.60): VN052954.D (-1780) (-)

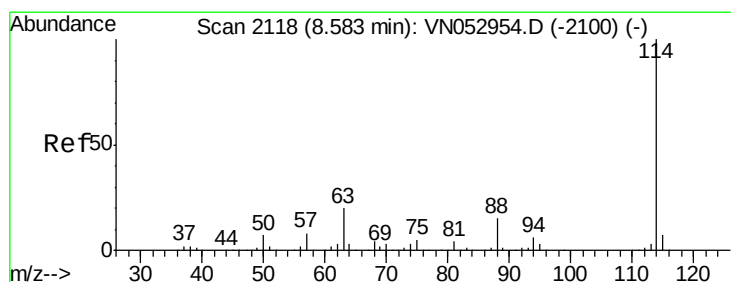
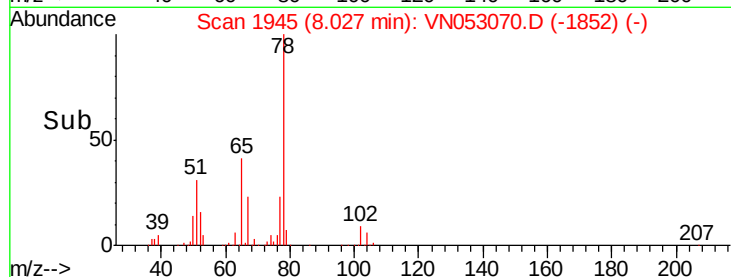
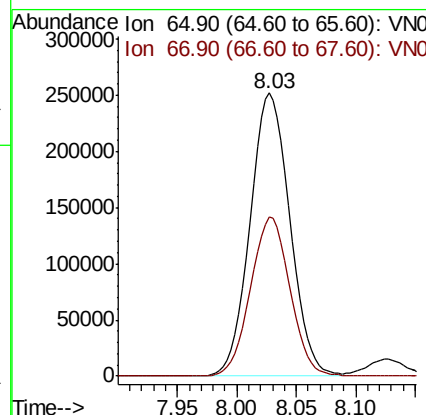
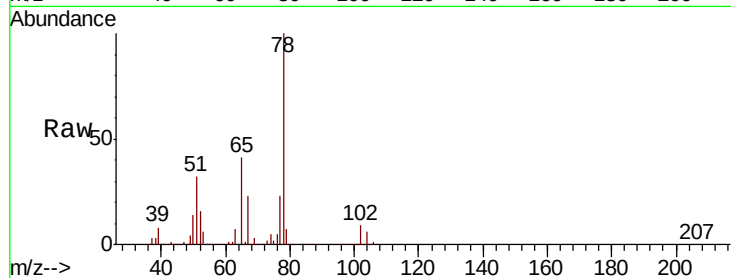




#33
 1,2-Dichloroethane-d4
 Concen: 50.948 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

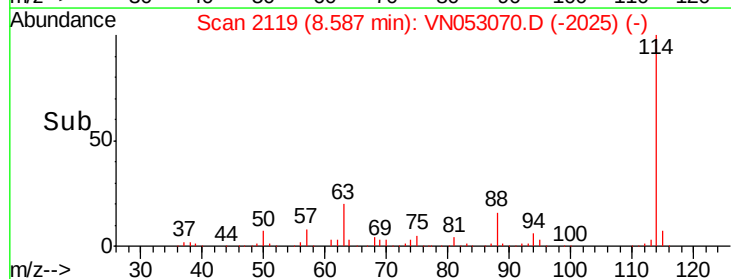
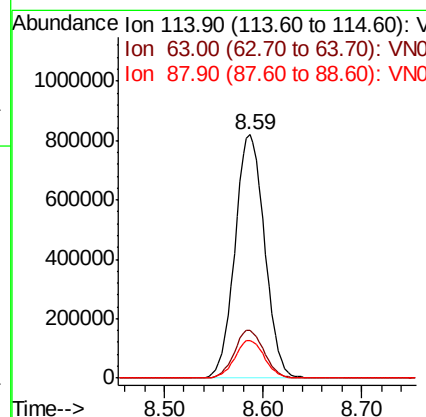
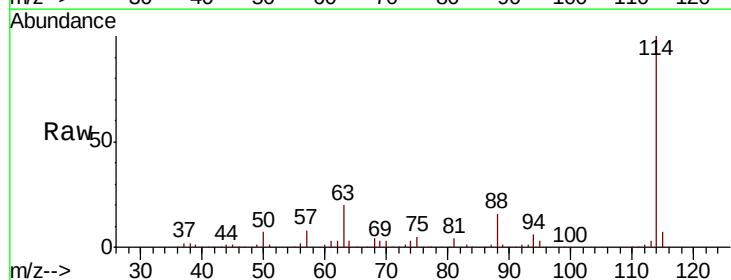
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

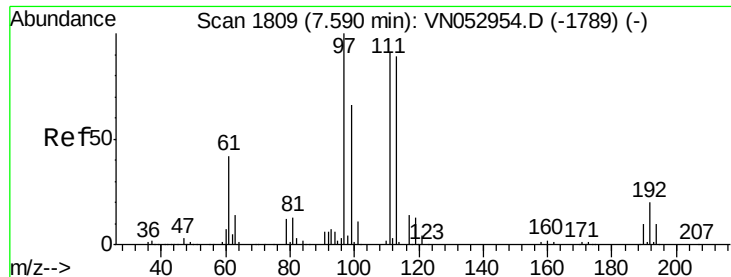
Tot Ion: 65 Resp: 584351
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

Tgt Ion: 114 Resp: 1716393
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.6 0.0 31.0

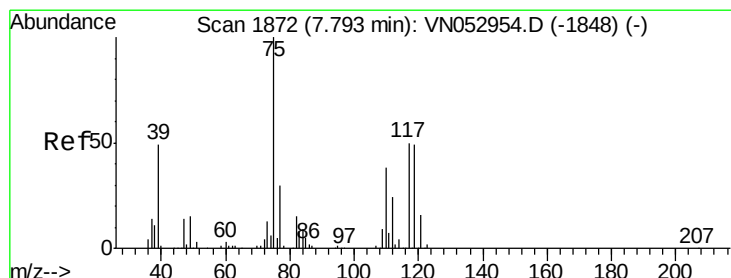
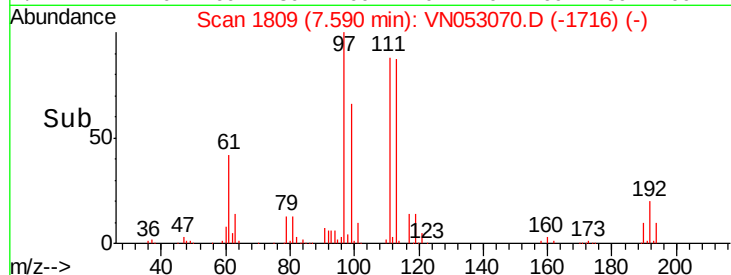
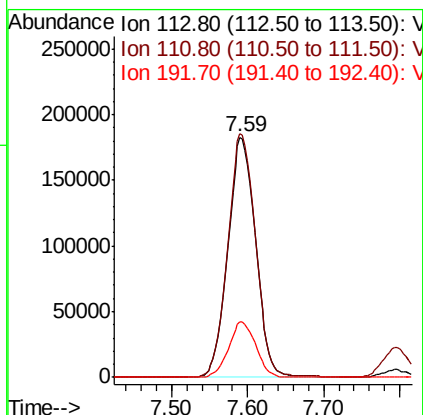
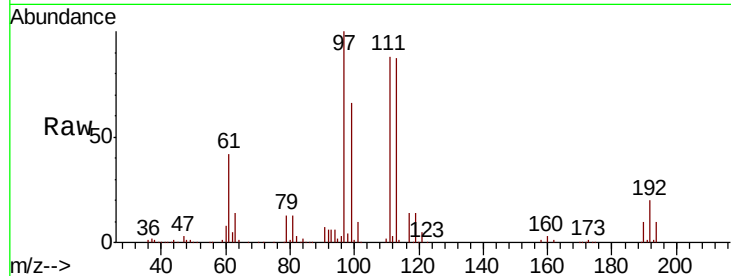




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

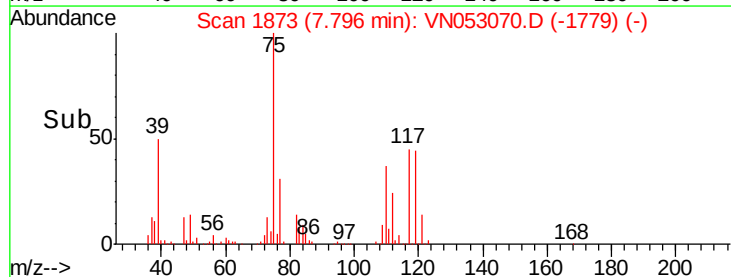
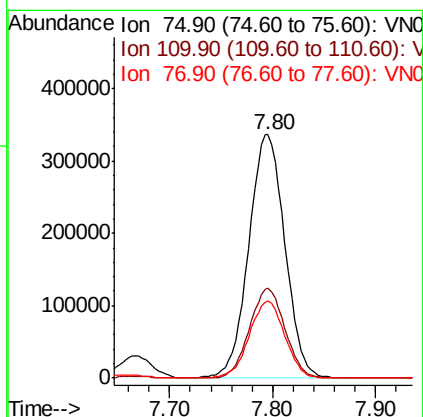
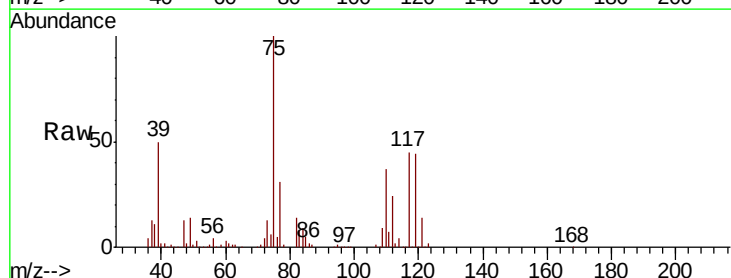
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

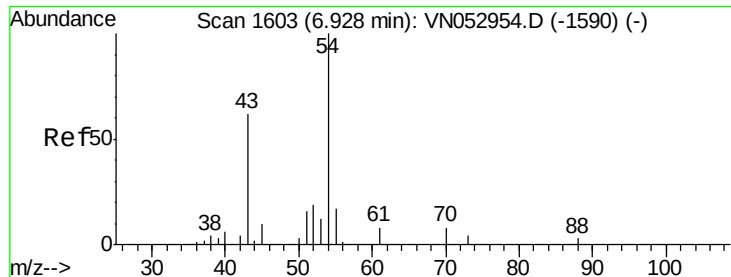
Tot Ion:113 Resp: 463242
 Ion Ratio Lower Upper
 113 100
 111 101.3 83.0 124.4
 192 22.6 17.5 26.3



#36
 1,1-Dichloropropene
 Concen: 49.408 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

Tgt Ion: 75 Resp: 813963
 Ion Ratio Lower Upper
 75 100
 110 36.4 18.2 54.6
 77 31.3 24.9 37.3

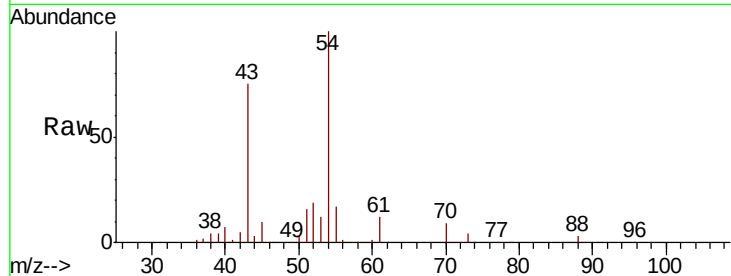




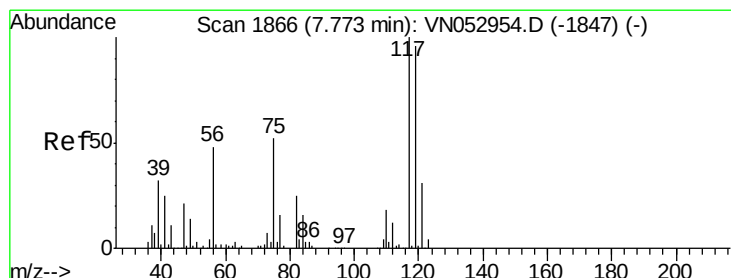
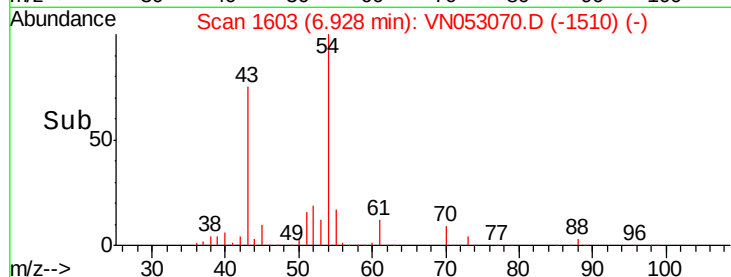
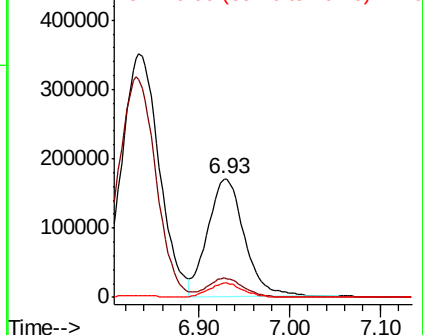
#37
Ethyl Acetate
Concen: 52.051 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 478701
Ion Ratio Lower Upper
43 100
61 15.3 11.8 17.6
70 11.2 8.4 12.6

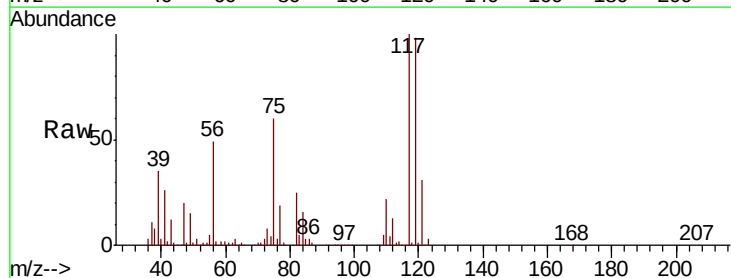


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

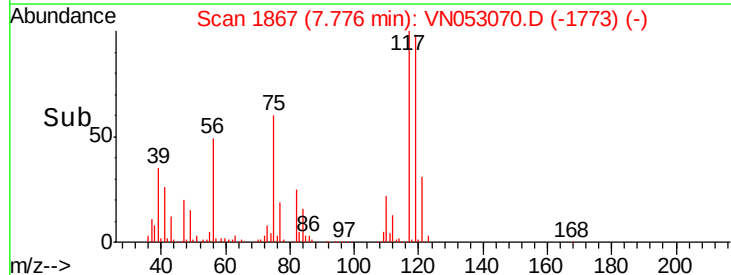
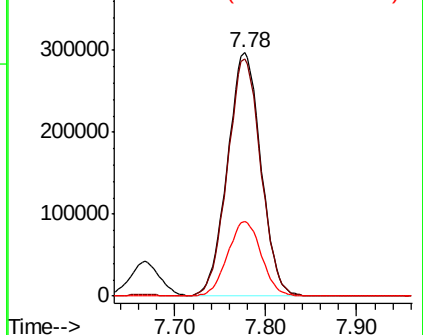


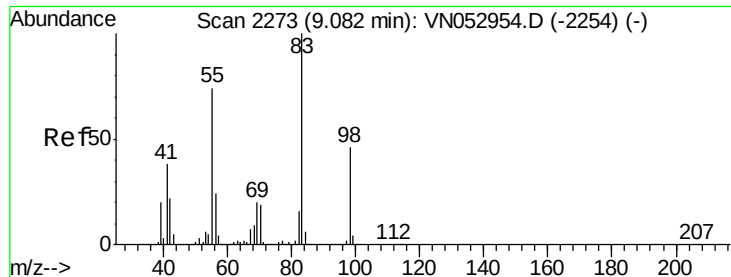
#38
Carbon Tetrachloride
Concen: 50.126 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Tgt Ion: 117 Resp: 756917
Ion Ratio Lower Upper
117 100
119 97.7 77.1 115.7
121 30.7 24.9 37.3



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

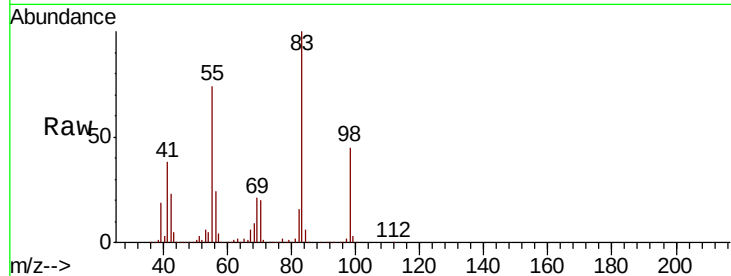




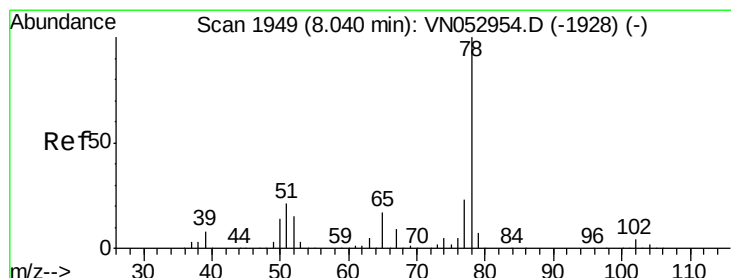
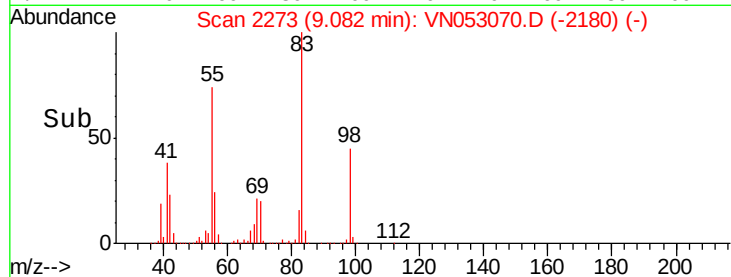
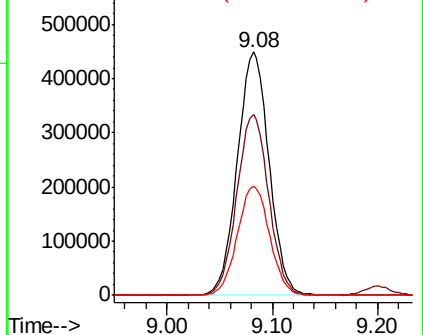
#39
Methylvlcyclohexane
Concen: 46.896 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 938541
Ion Ratio Lower Upper
83 100
55 74.4 61.3 91.9
98 45.0 37.0 55.4

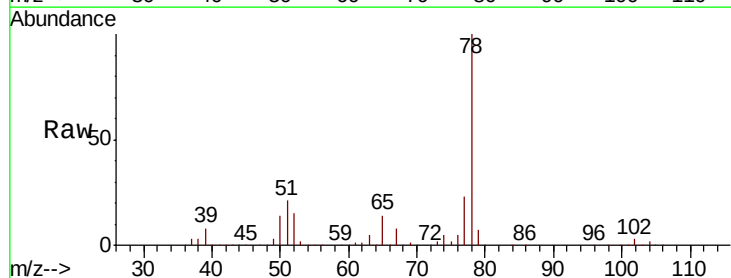


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

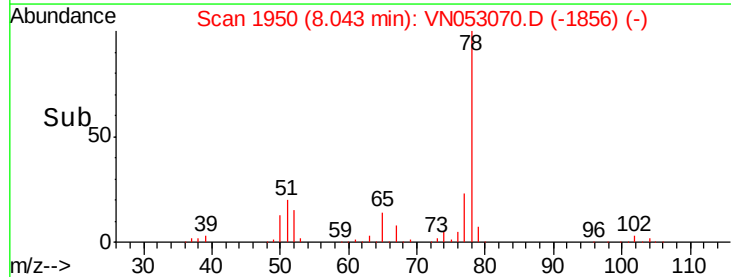
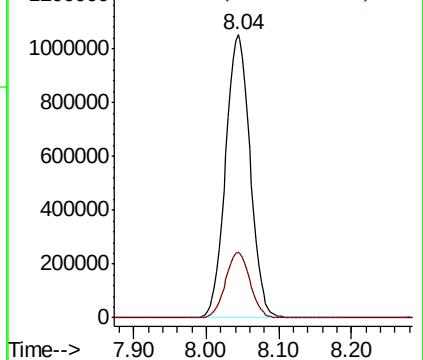


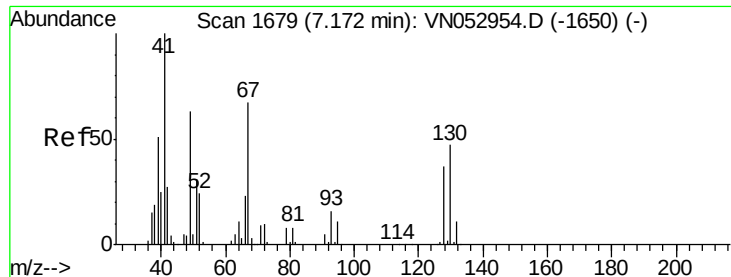
#40
Benzene
Concen: 50.542 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Tgt Ion: 78 Resp: 2476726
Ion Ratio Lower Upper
78 100
77 23.4 18.5 27.7



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

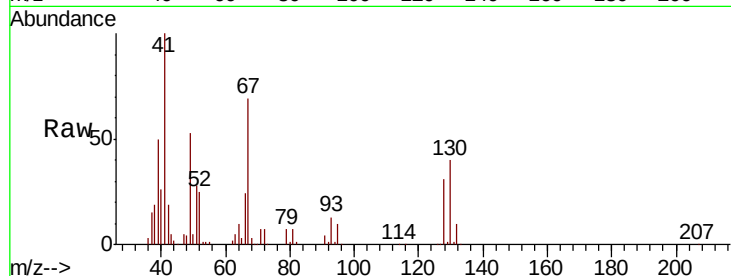




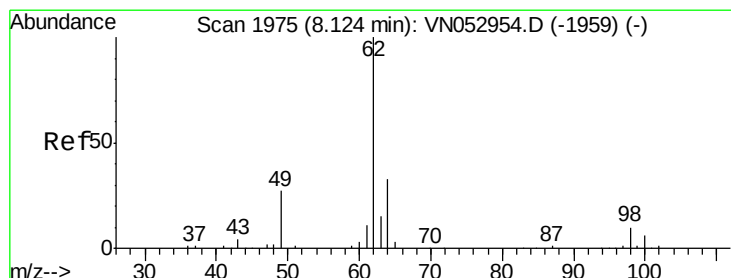
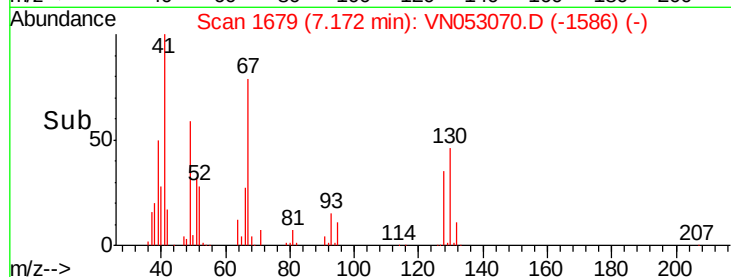
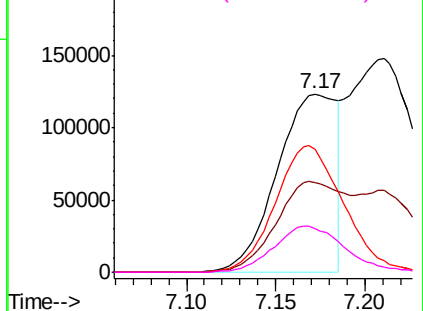
#41
Methacrylonitrile
Concen: 53.526 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 41 Resp: 284431
Ion Ratio Lower Upper
41 100
39 61.8 48.0 72.0
67 82.4 70.3 105.5
52 30.6 26.9 40.3

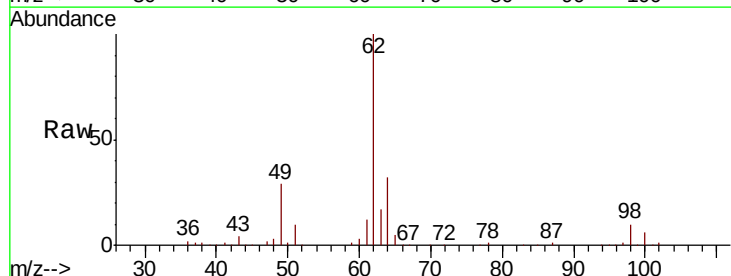


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

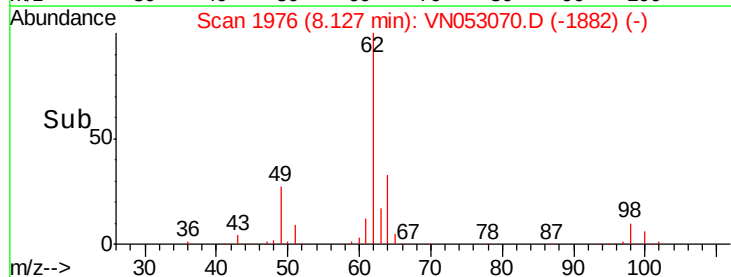
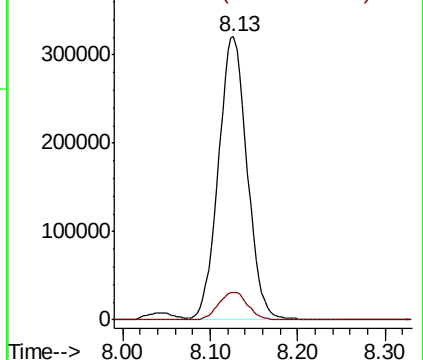


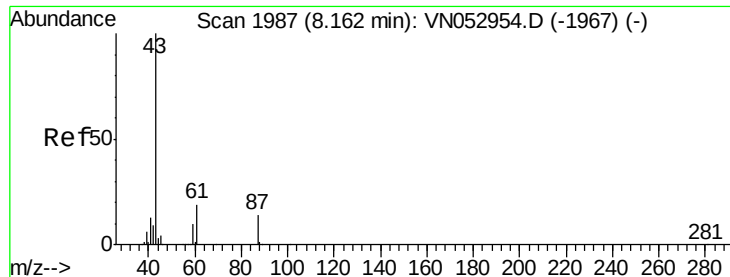
#42
1,2-Dichloroethane
Concen: 50.345 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Tgt Ion: 62 Resp: 728806
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 50.867 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

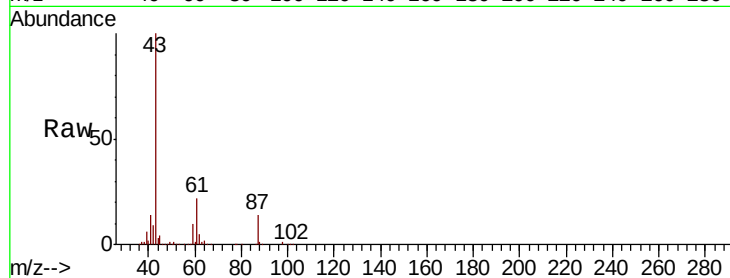
Tot Ion: 43 Resp: 904977

Ion Ratio Lower Upper

43 100

61 29.9 22.9 34.3

87 13.6 10.6 15.8

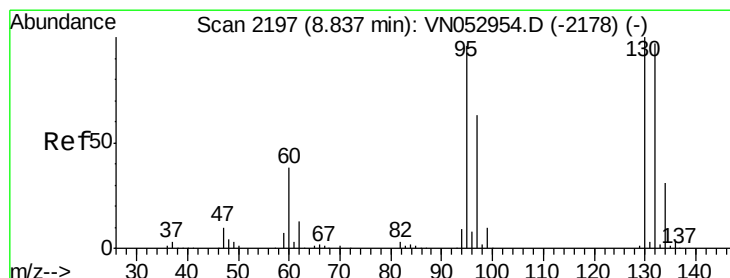
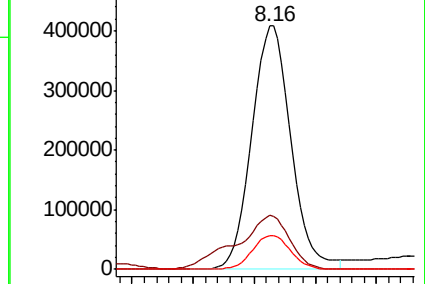
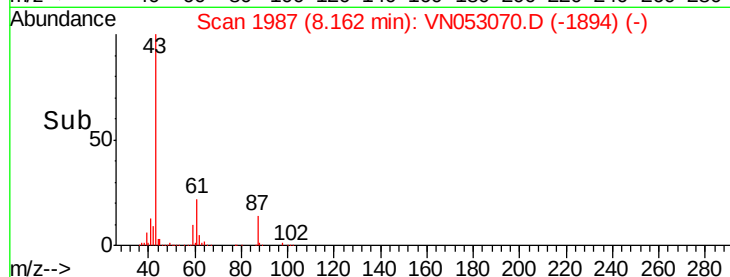


Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN052954.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN052954.D (-1967) (-)

Time-->



#44

Trichloroethene

Concen: 48.106 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN053070.D

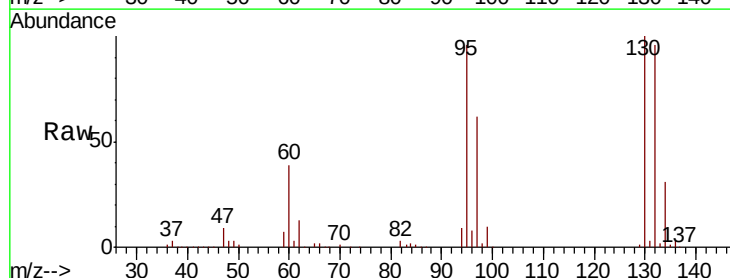
Acq: 20 Dec 2018 21:42

Tgt Ion: 130 Resp: 681836

Ion Ratio Lower Upper

130 100

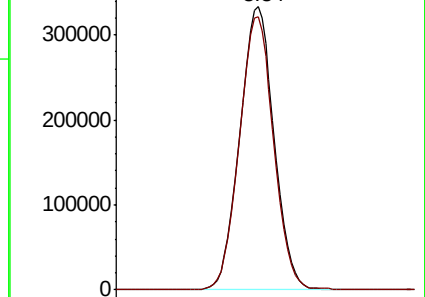
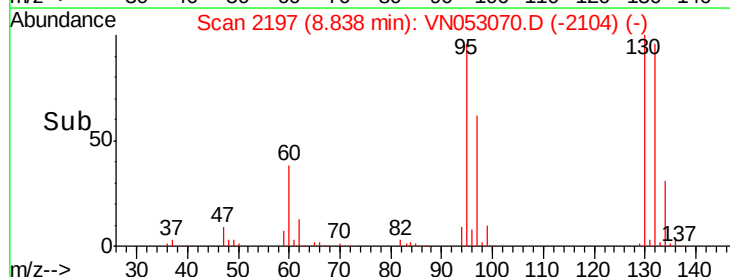
95 96.3 0.0 197.8

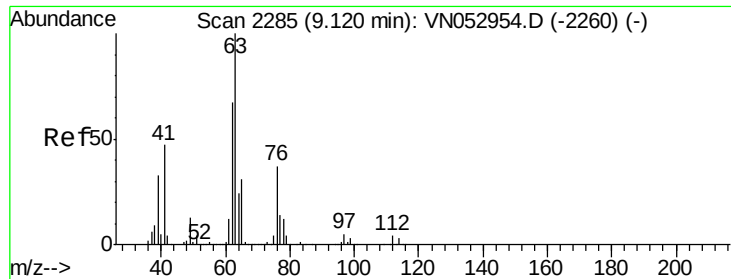


Abundance Ion 129.80 (129.50 to 130.50): VN052954.D (-2178) (-)

Ion 94.90 (94.60 to 95.60): VN052954.D (-2178) (-)

Time-->

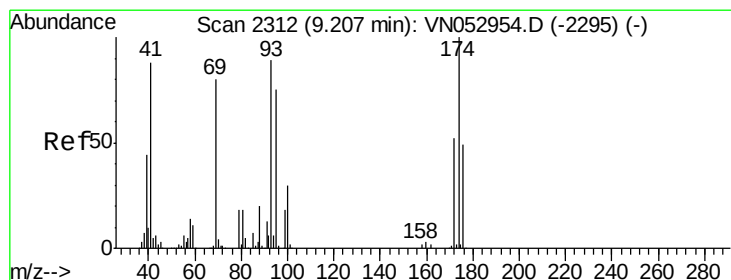
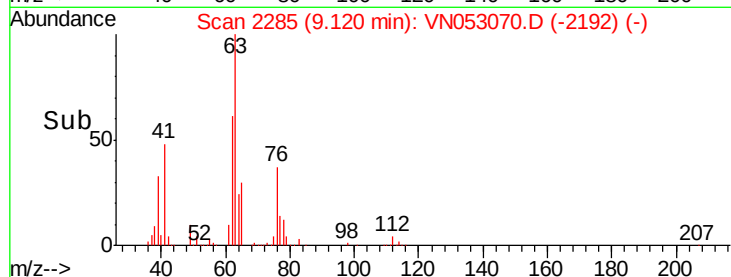
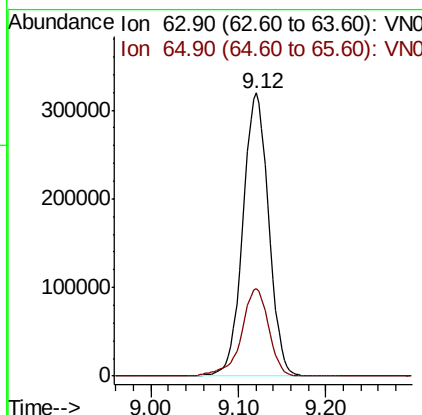
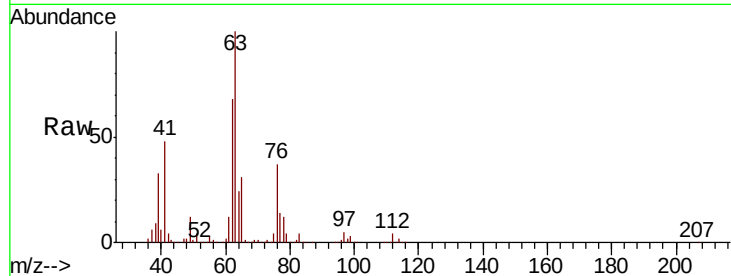




#45
 1,2-Dichloropropane
 Concen: 51.213 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

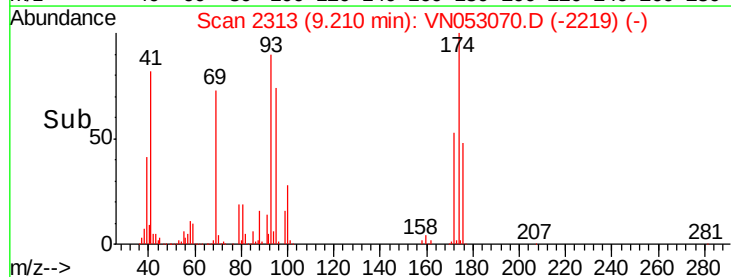
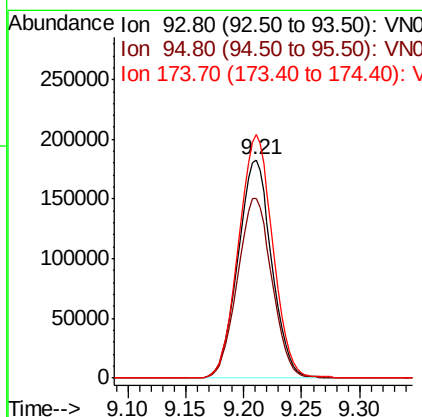
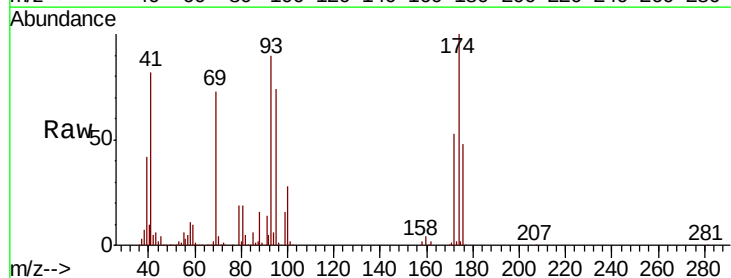
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

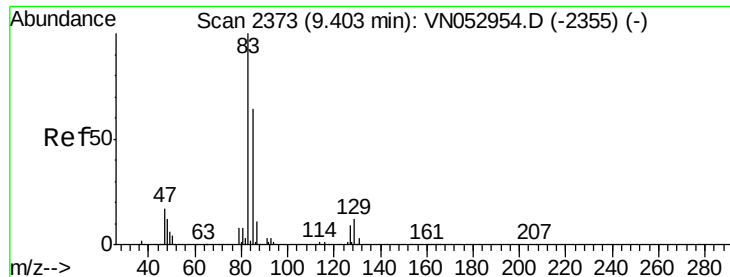
Tot Ion: 63 Resp: 653667
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.6 37.0



#46
 Dibromomethane
 Concen: 49.742 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

Tgt Ion: 93 Resp: 369859
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.8 101.6
 174 113.0 89.0 133.4





#47

Bromodichloromethane

Concen: 50.539 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

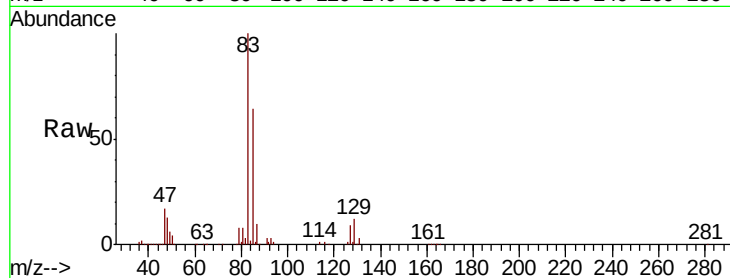
Tot Ion: 83 Resp: 798786

Ion Ratio Lower Upper

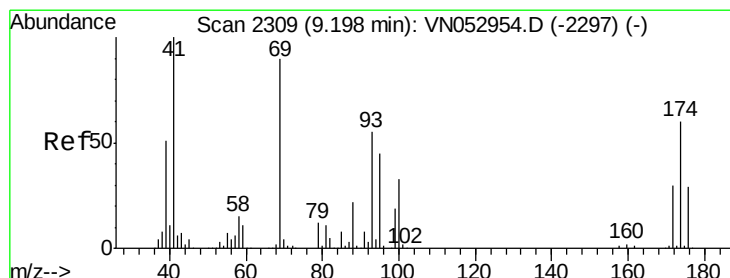
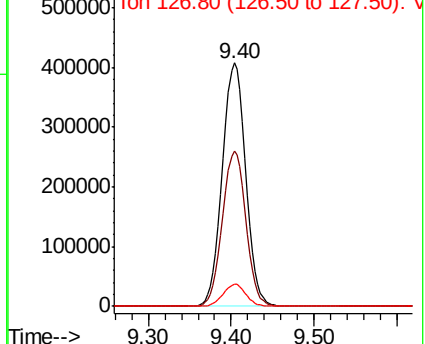
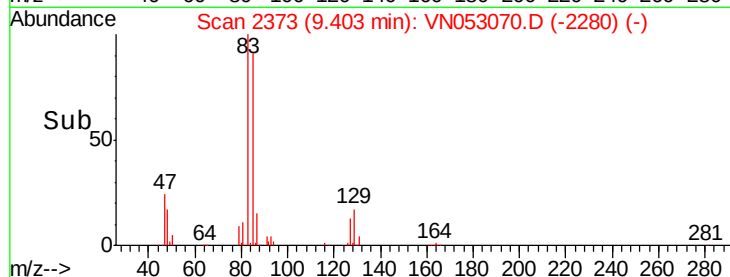
83 100

85 63.6 51.6 77.4

127 9.0 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN053070.D (-2280) (-)



#48

Methyl methacrylate

Concen: 50.594 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

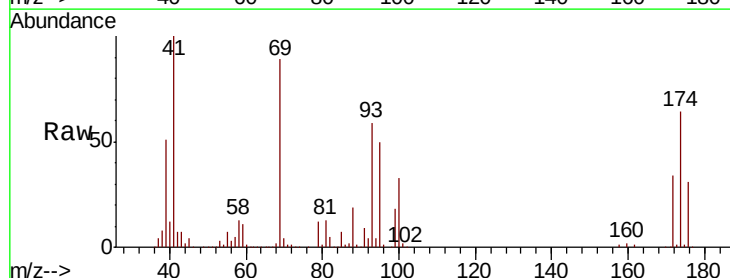
Tgt Ion: 41 Resp: 451515

Ion Ratio Lower Upper

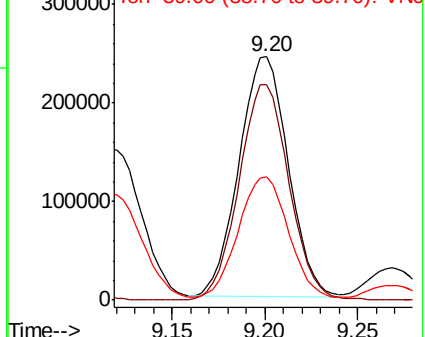
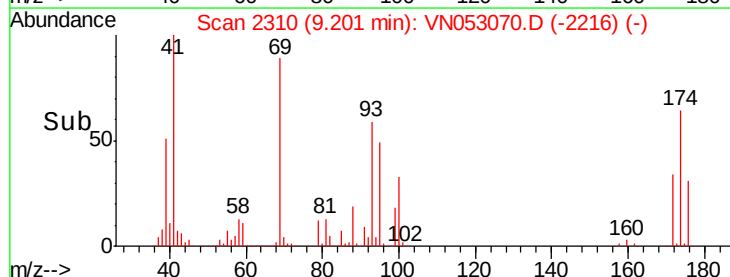
41 100

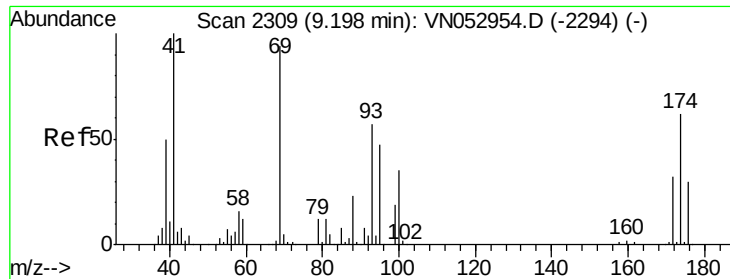
69 91.2 72.2 108.2

39 52.9 41.9 62.9



Abundance Ion 41.00 (40.70 to 41.70): VN053070.D (-2216) (-)





#49

1,4-Dioxane

Concen: 848.322 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

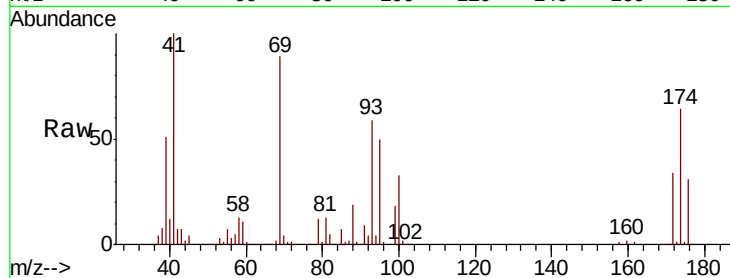
Tot Ion: 88 Resp: 95766

Ion Ratio Lower Upper

88 100

43 32.8 26.6 40.0

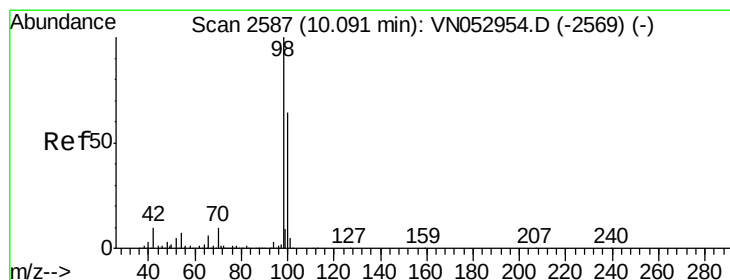
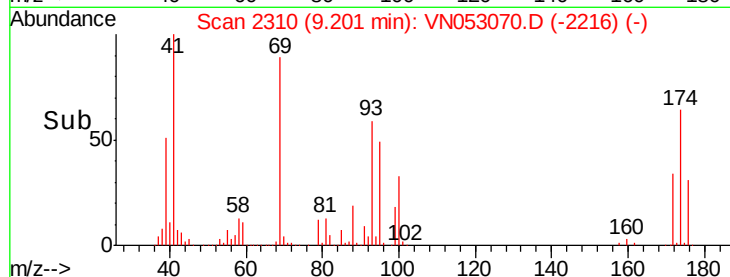
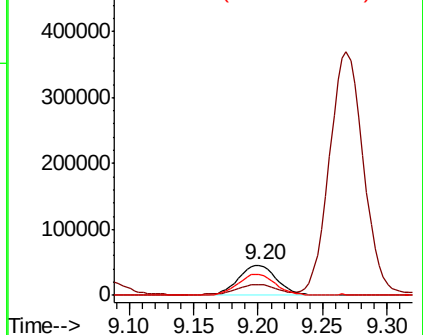
58 68.4 58.4 87.6



Abundance Ion 88.00 (87.70 to 88.70): VN053070.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN053070.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN053070.D (-2216) (-)



#50

Toluene-d8

Concen: 848.322 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053070.D

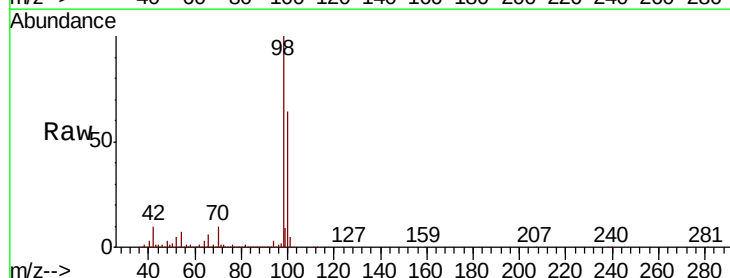
Acq: 20 Dec 2018 21:42

Tgt Ion: 98 Resp: 2087287

Ion Ratio Lower Upper

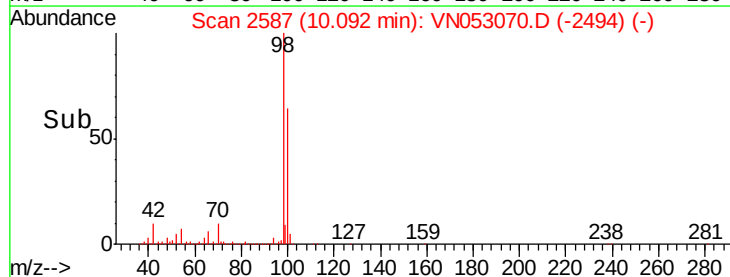
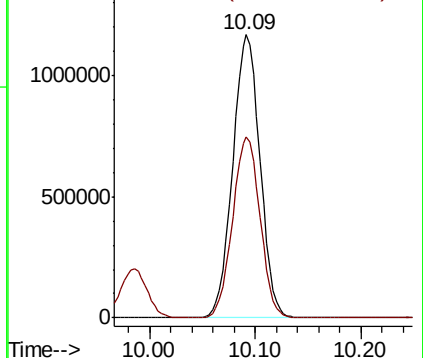
98 100

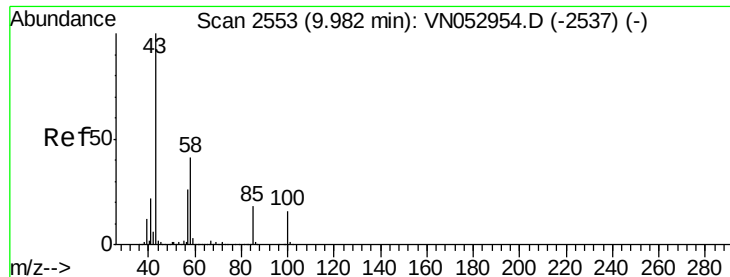
100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN053070.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053070.D (-2494) (-)

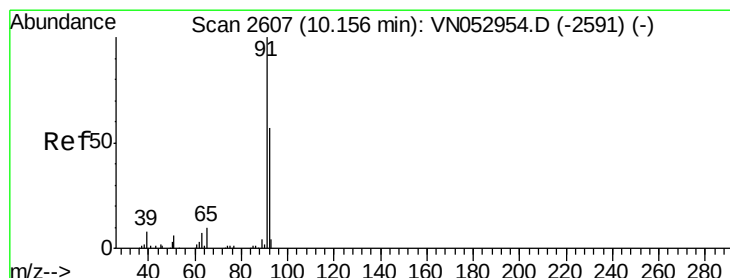
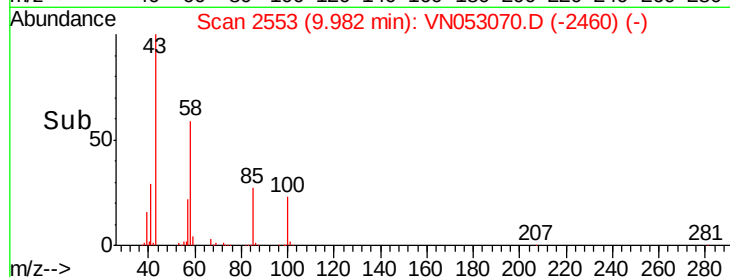
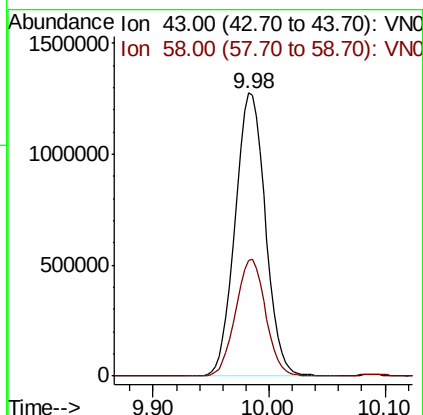
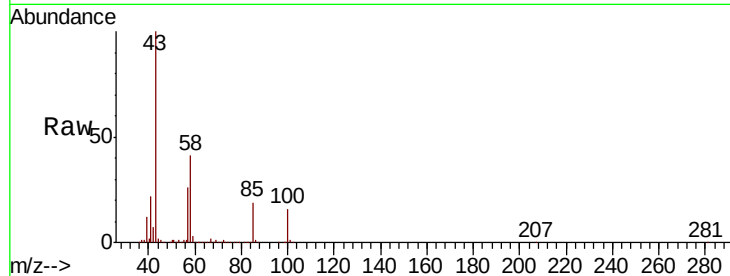




#51
 4-Methyl-2-Pentanone
 Concen: 258.399 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

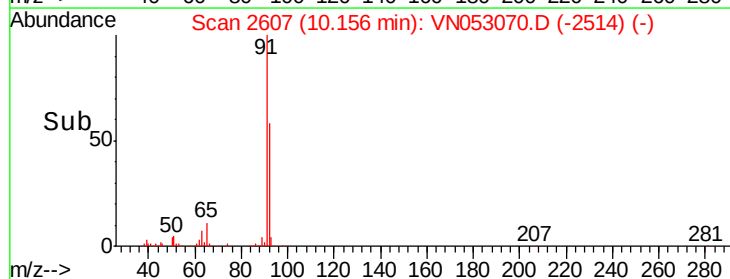
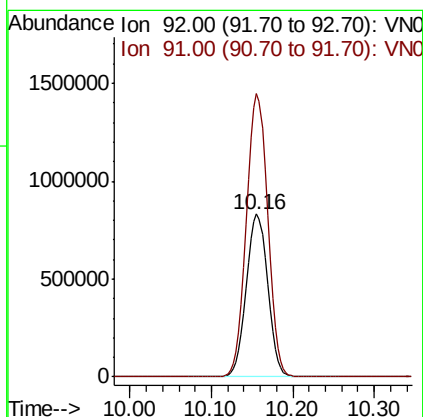
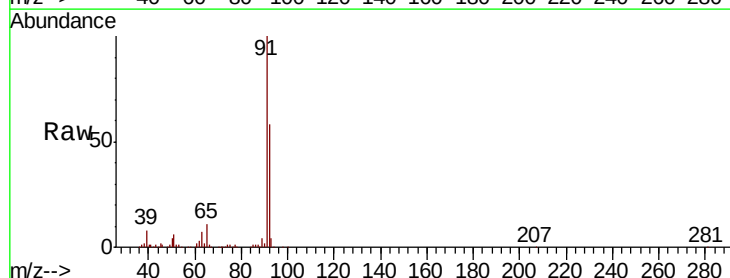
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

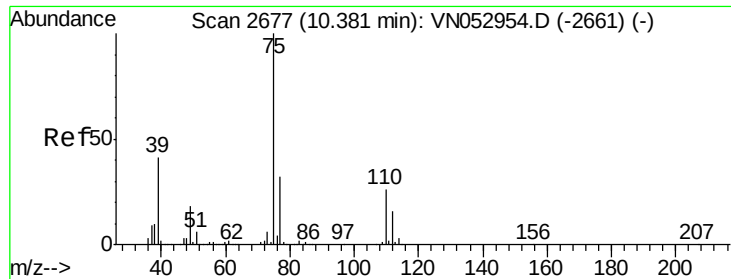
Tot Ion: 43 Resp: 2301408
 Ion Ratio Lower Upper
 43 100
 58 40.9 32.2 48.4



#52
 Toluene
 Concen: 49.183 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

Tgt Ion: 92 Resp: 1493849
 Ion Ratio Lower Upper
 92 100
 91 173.4 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 48.140 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampled :

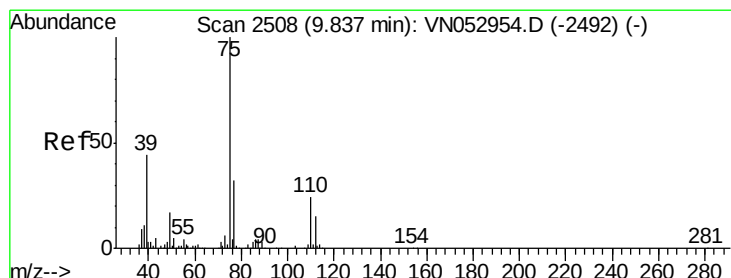
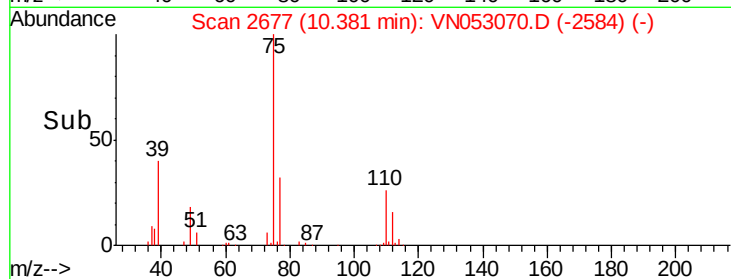
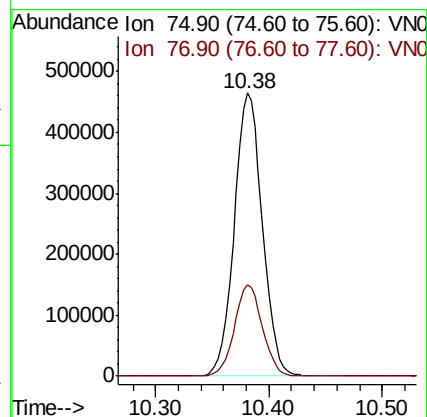
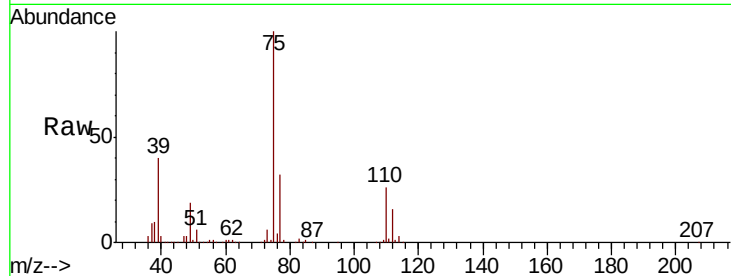
VSTDCCC050

Tot Ion: 75 Resp: 800090

Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 49.633 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

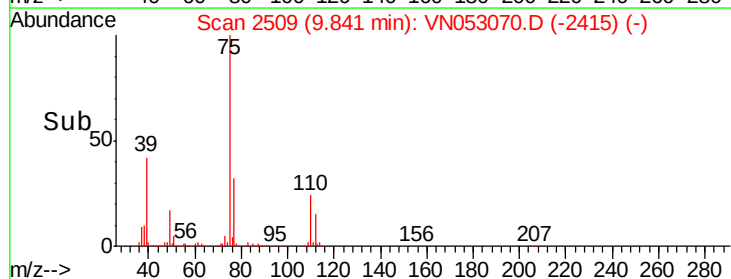
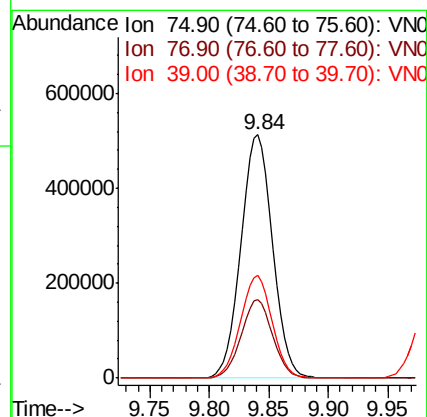
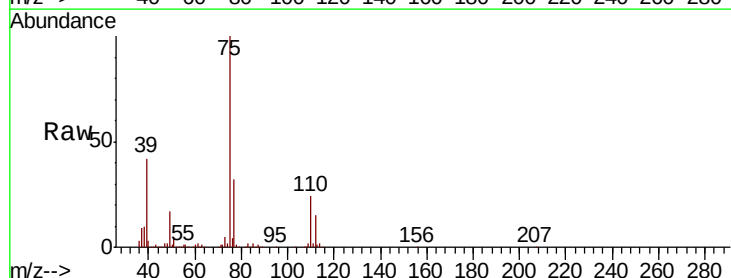
Tgt Ion: 75 Resp: 946855

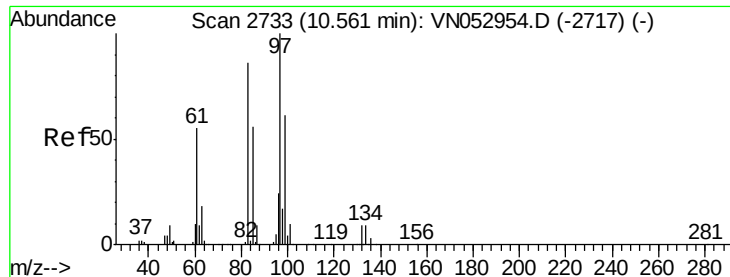
Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.8

39 42.0 34.8 52.2

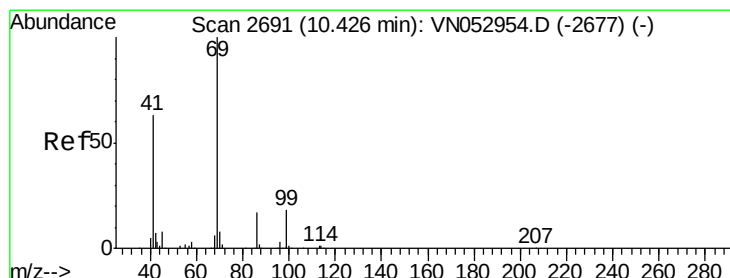
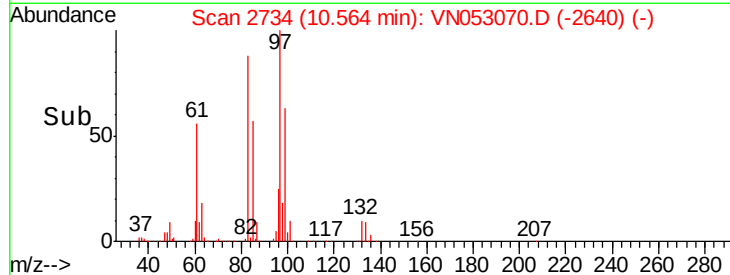
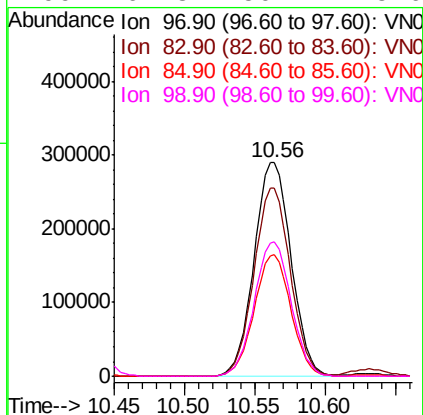
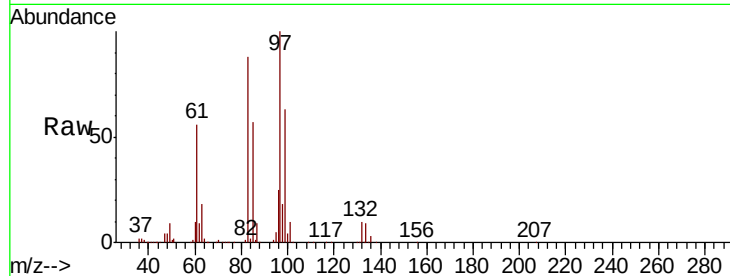




#55
 1,1,2-Trichloroethane
 Concen: 50.120 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

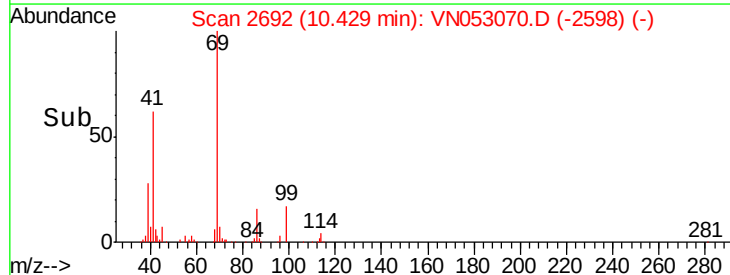
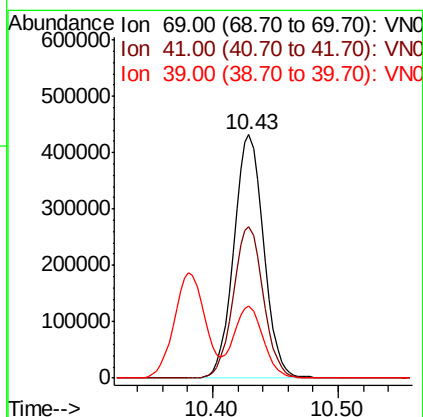
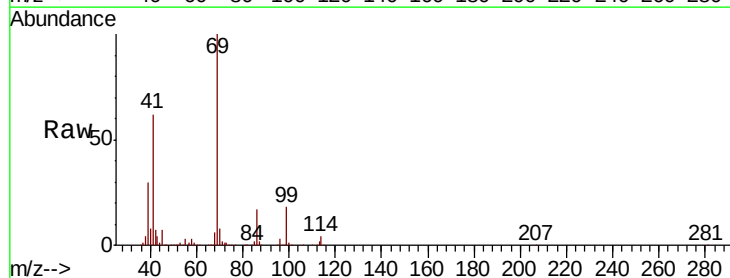
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

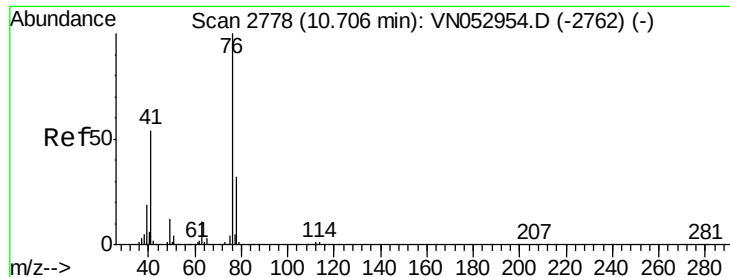
Tot Ion:	97	Resp:	531083
Ion	Ratio	Lower	Upper
97	100		
83	87.9	70.9	106.3
85	56.9	45.4	68.2
99	62.8	50.4	75.6



#56
 Ethyl methacrylate
 Concen: 50.905 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

Tgt Ion:	69	Resp:	713954
Ion	Ratio	Lower	Upper
69	100		
41	62.2	51.7	77.5
39	29.3	24.6	37.0





#57

1,3-Dichloropropane

Concen: 50.341 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampleId :

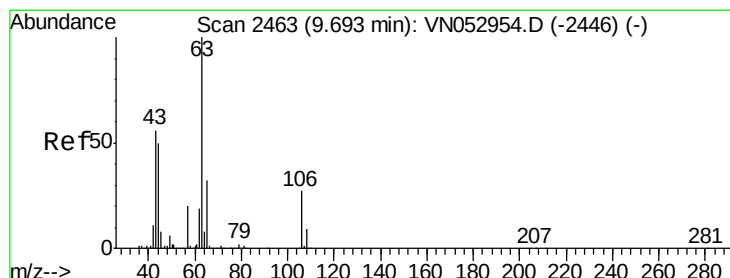
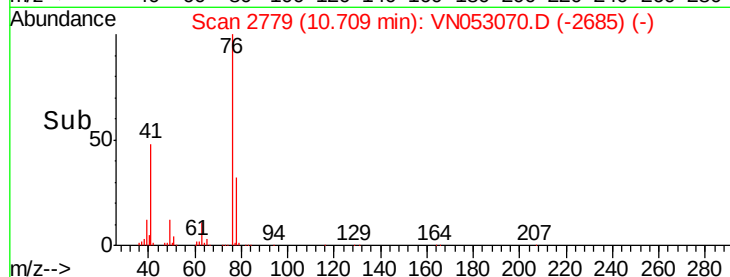
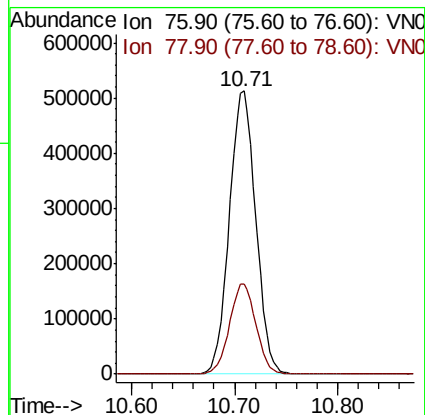
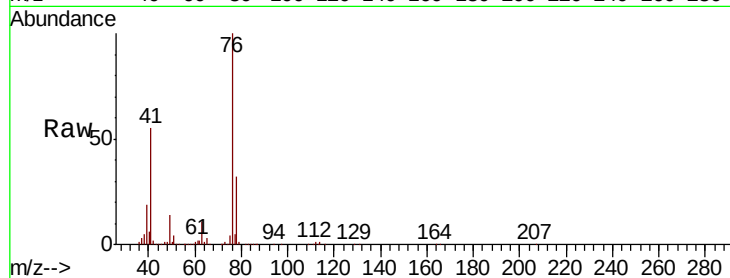
VSTDCCC050

Tot Ion: 76 Resp: 914740

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 257.865 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN053070.D

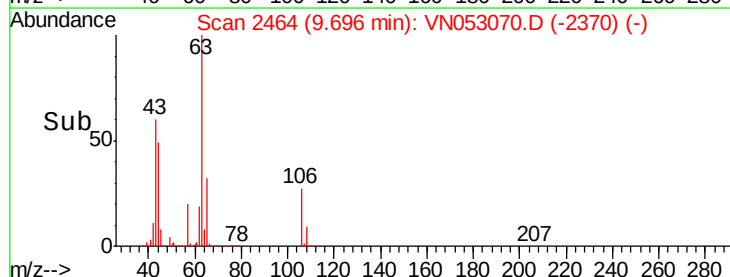
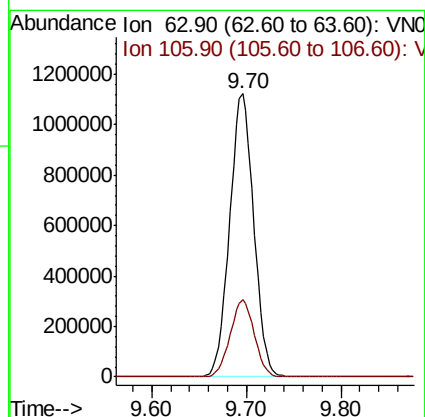
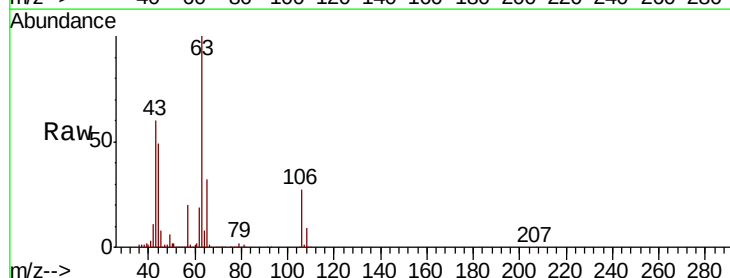
Acq: 20 Dec 2018 21:42

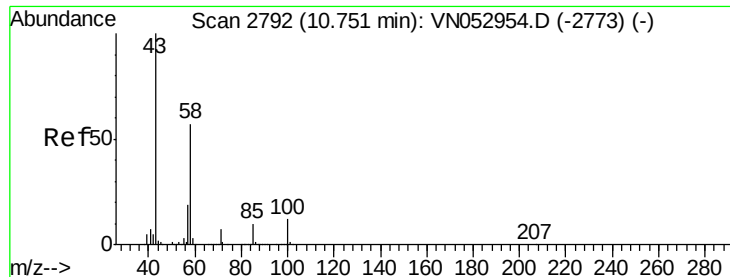
Tgt Ion: 63 Resp: 1985505

Ion Ratio Lower Upper

63 100

106 27.3 21.0 31.6

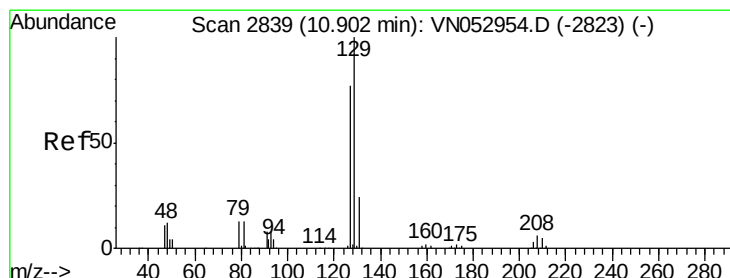
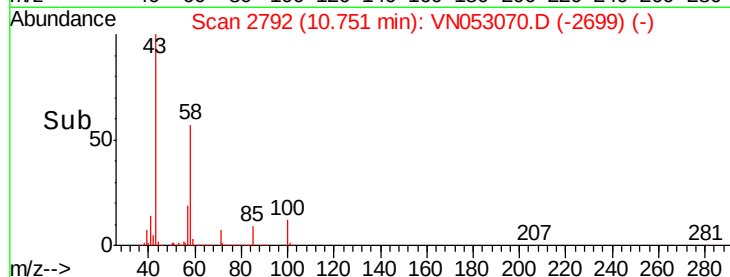
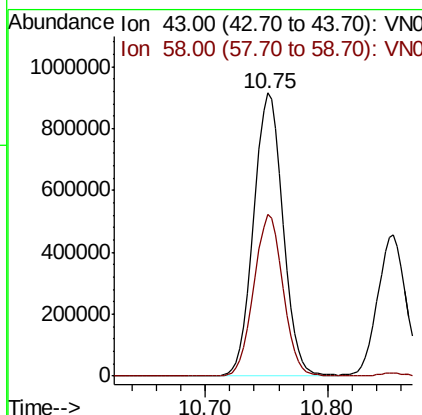
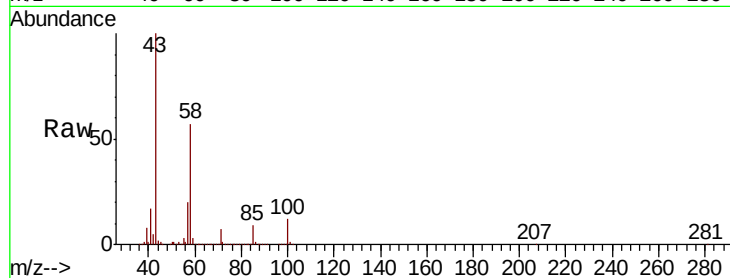




#59
2-Hexanone
Concen: 250.445 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

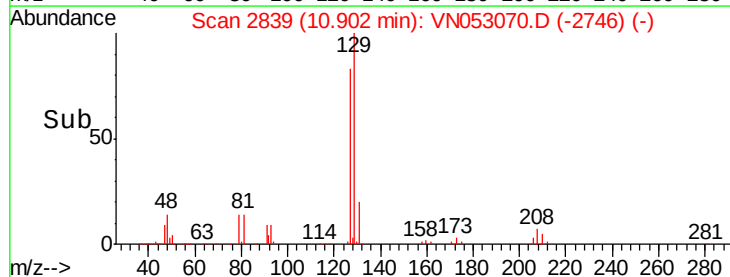
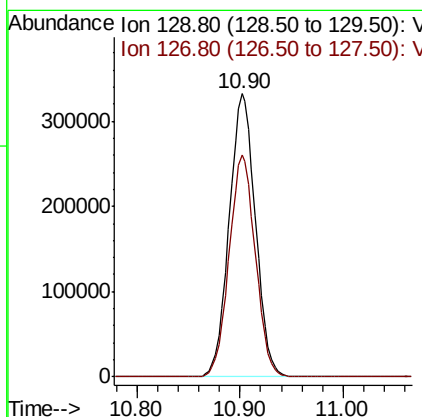
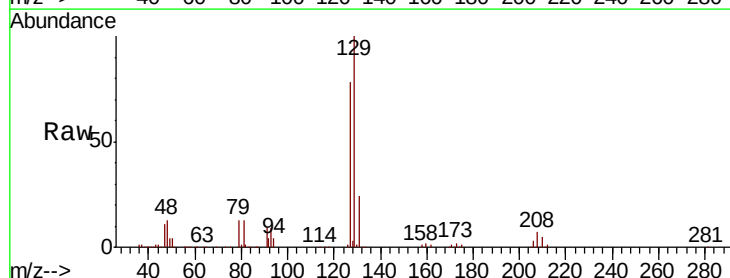
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

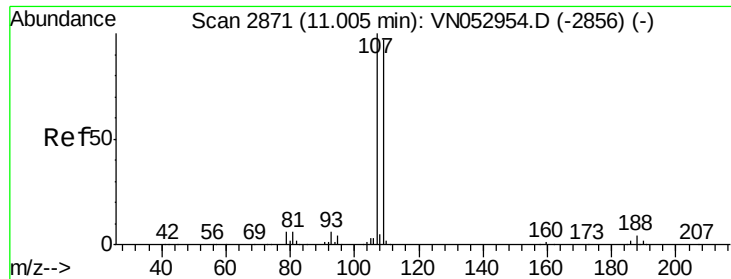
Tot Ion: 43 Resp: 1509158
Ion Ratio Lower Upper
43 100
58 57.1 28.1 84.3



#60
Dibromochloromethane
Concen: 48.572 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Tgt Ion: 129 Resp: 589144
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0

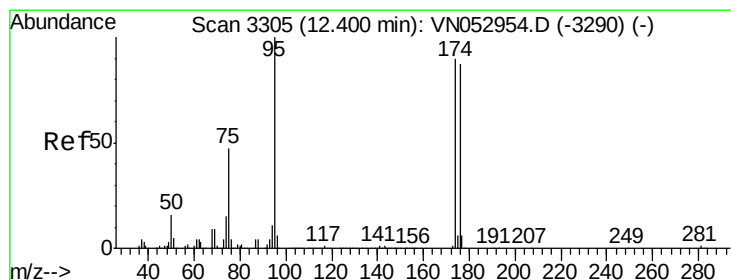
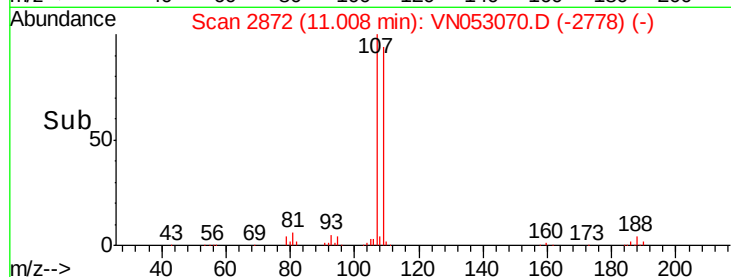
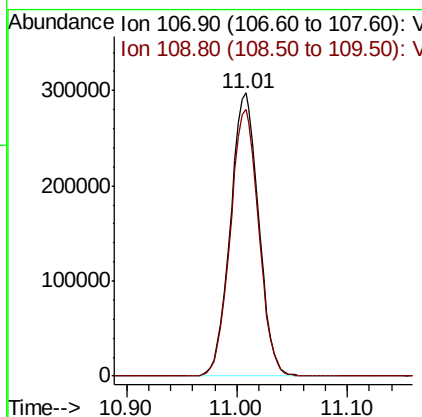
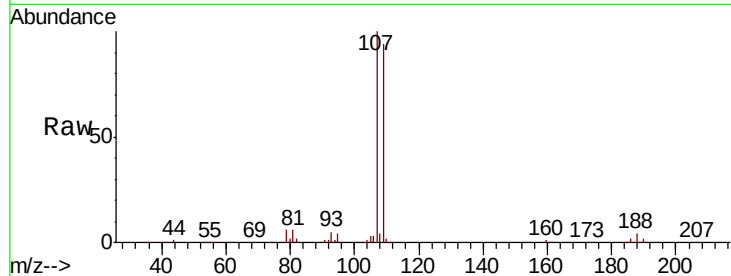




#61
 1,2-Dibromoethane
 Concen: 49.079 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

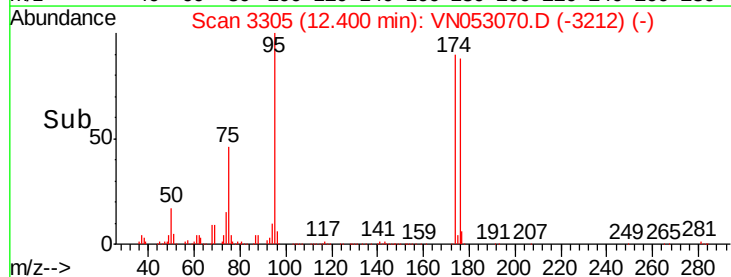
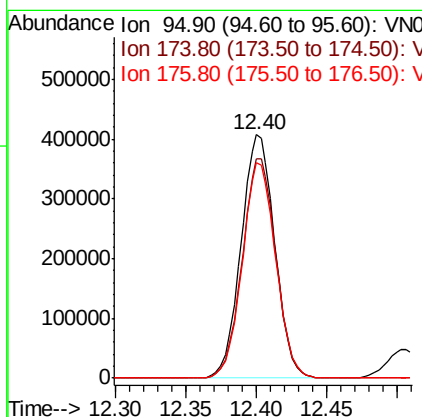
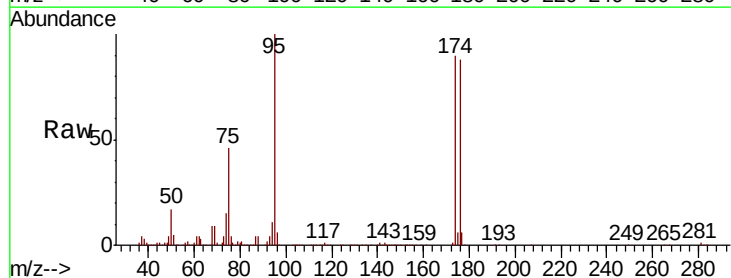
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

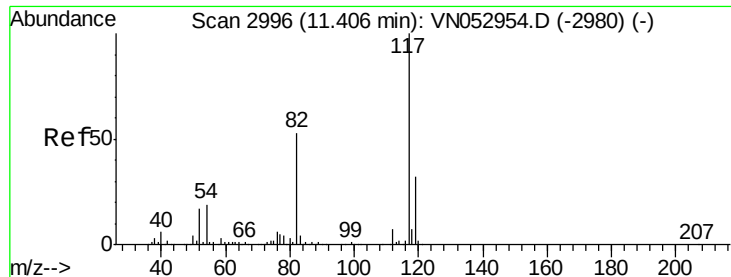
Tot Ion: 107 Resp: 528176
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 49.079 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

Tgt Ion: 95 Resp: 679845
 Ion Ratio Lower Upper
 95 100
 174 90.2 0.0 178.8
 176 87.8 0.0 173.8

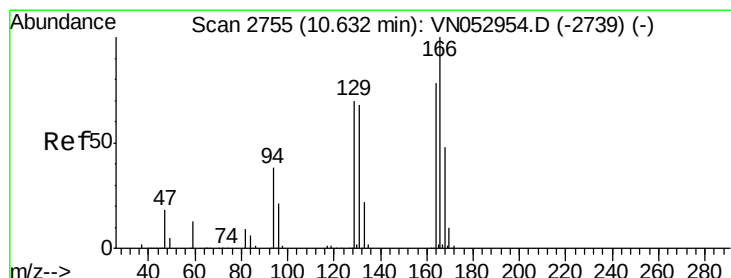
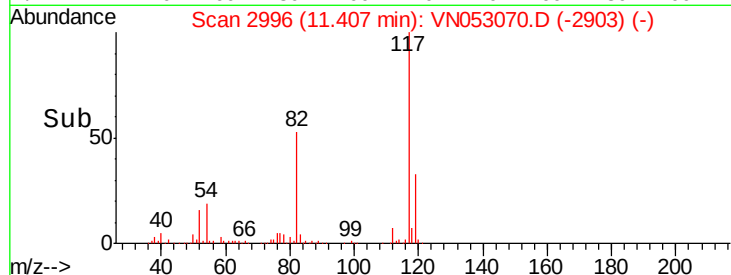
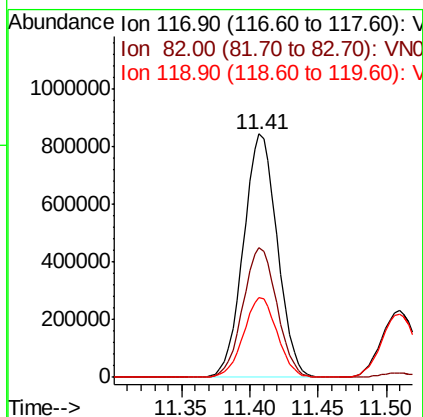
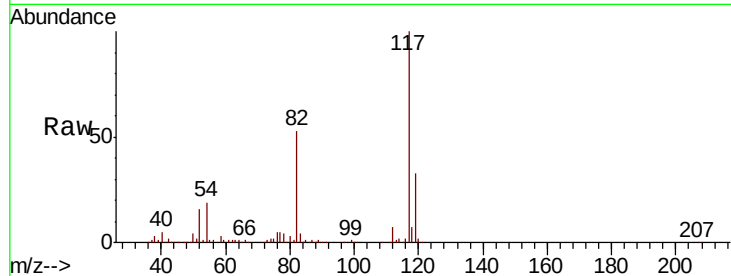




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

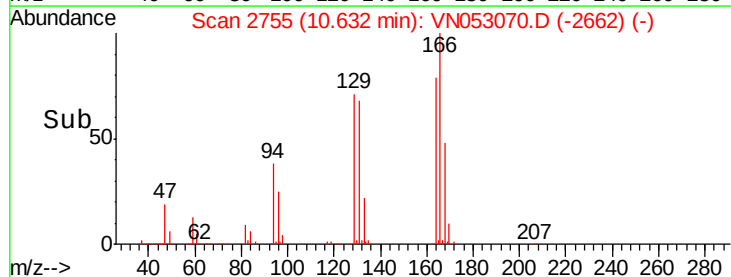
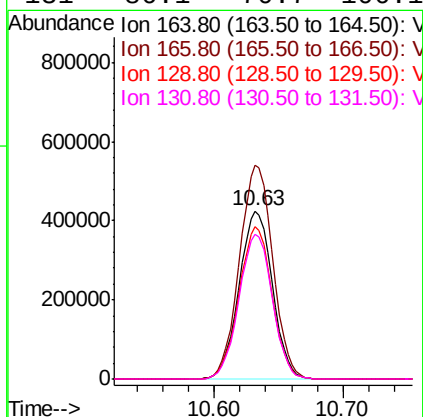
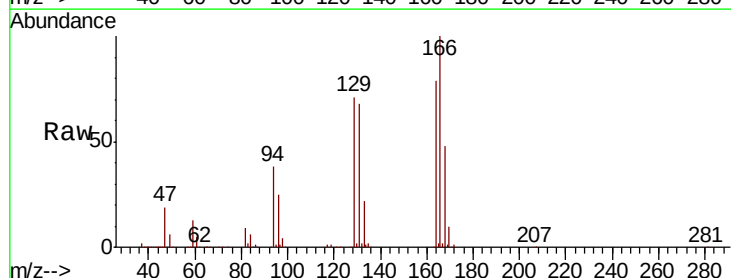
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

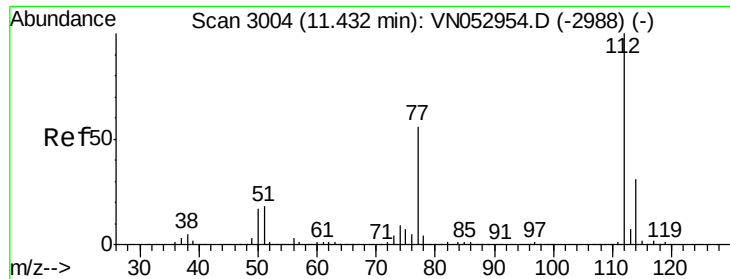
Tot Ion:117 Resp: 1451398
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 48.525 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Tgt Ion:164 Resp: 762908
Ion Ratio Lower Upper
164 100
166 127.3 102.9 154.3
129 90.4 73.7 110.5
131 86.1 70.7 106.1

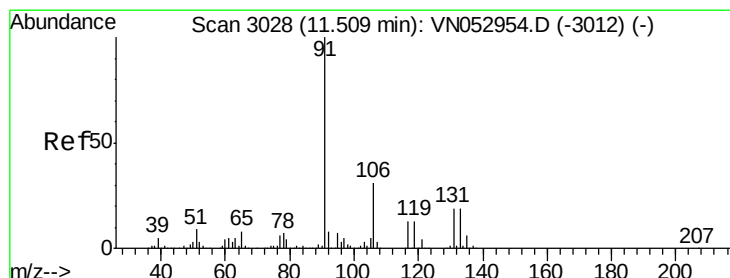
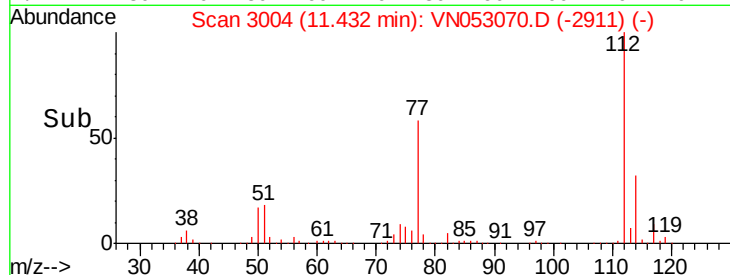
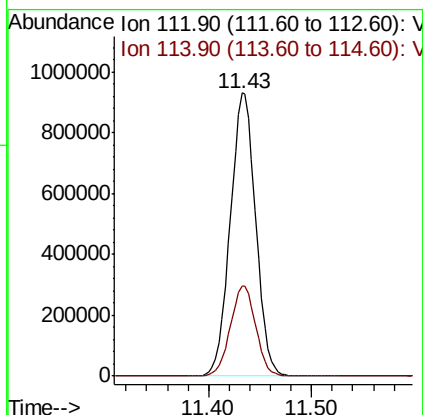
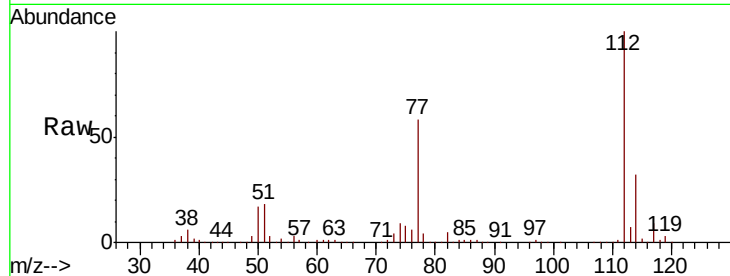




#65
Chlorobenzene
Concen: 49.729 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

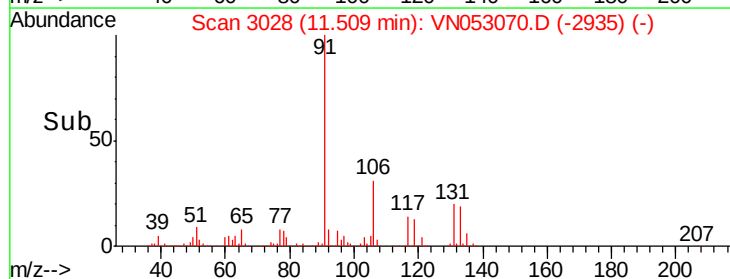
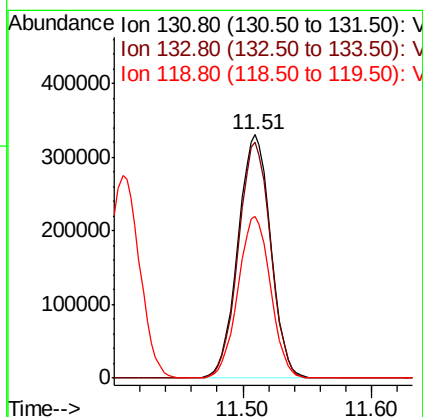
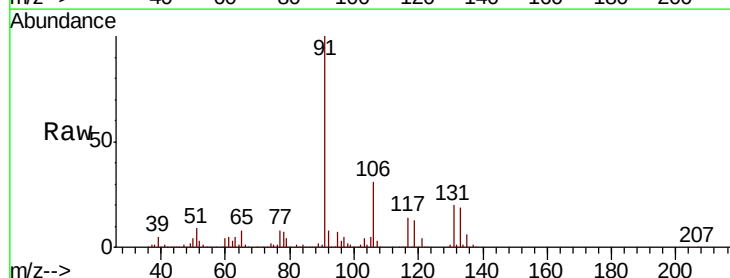
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

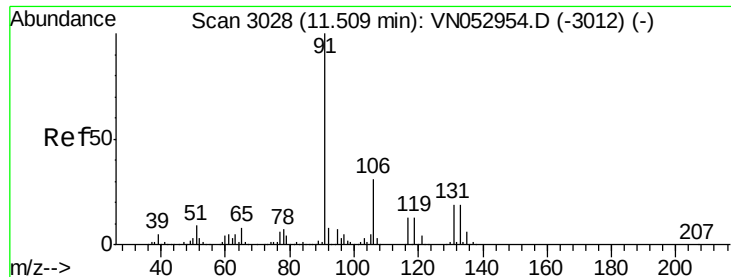
Tot Ion:112 Resp: 1599954
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.200 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Tgt Ion:131 Resp: 584022
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.9
119 66.1 33.3 99.8

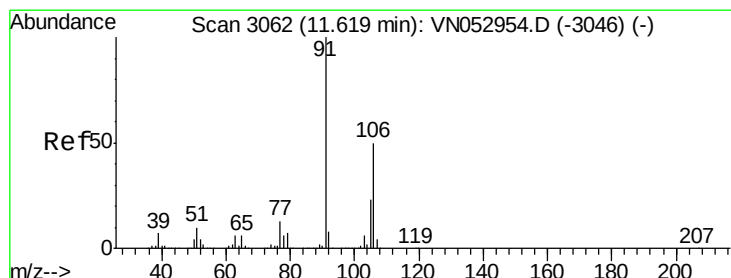
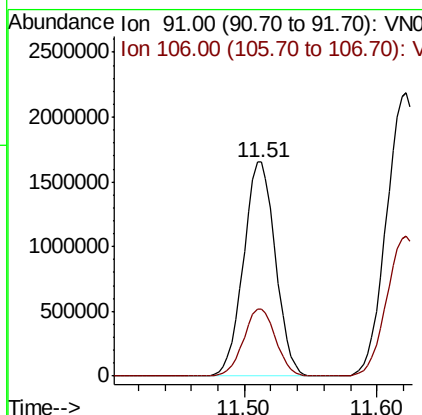
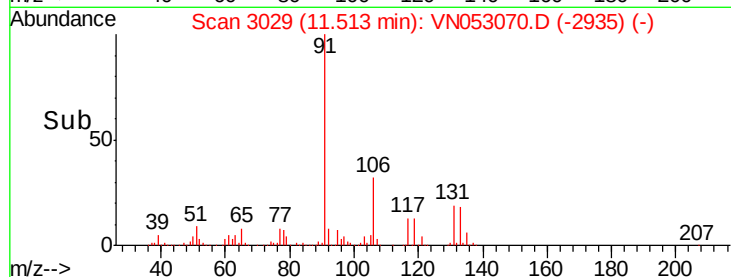
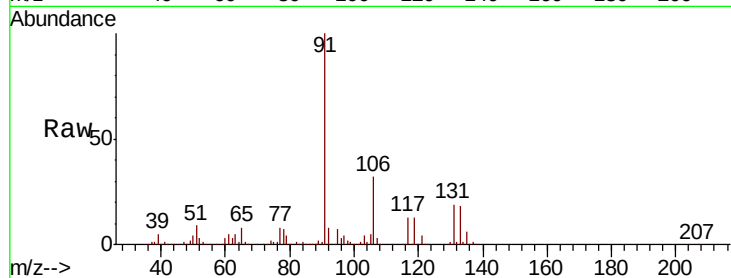




#67
Ethyl Benzene
Concen: 49.960 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

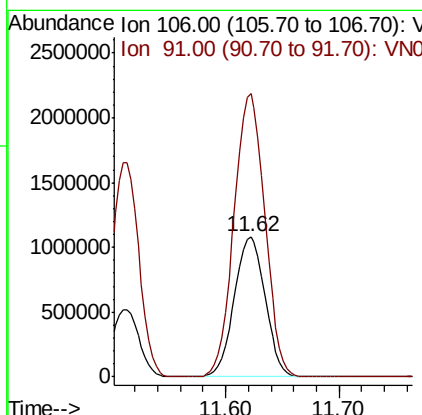
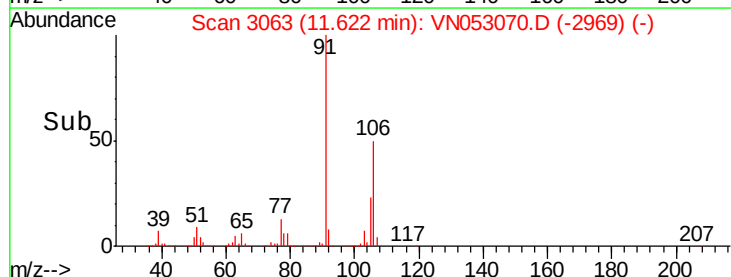
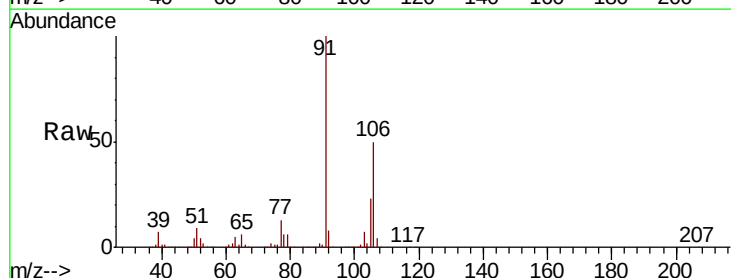
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

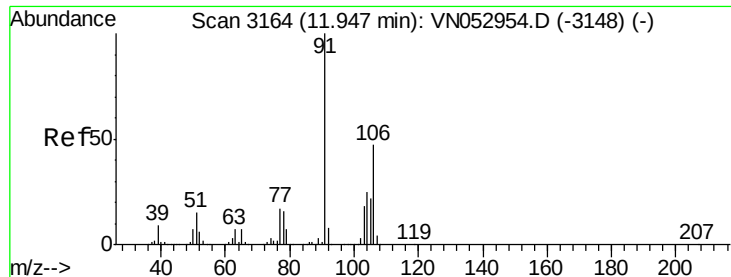
Tot Ion: 91 Resp: 2764294
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3



#68
m/p-Xylenes
Concen: 97.762 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Tgt Ion: 106 Resp: 2056329
Ion Ratio Lower Upper
106 100
91 202.4 162.2 243.4

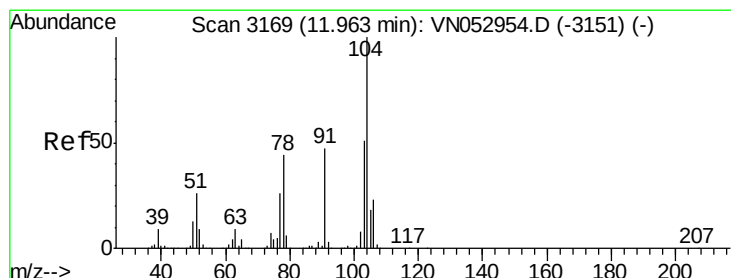
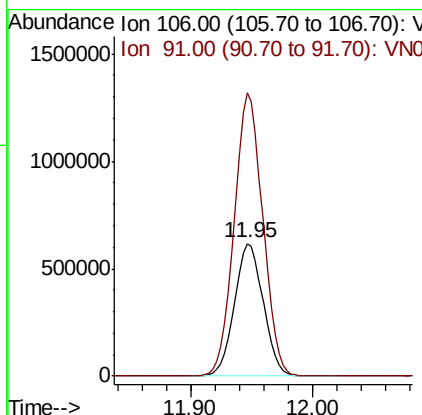
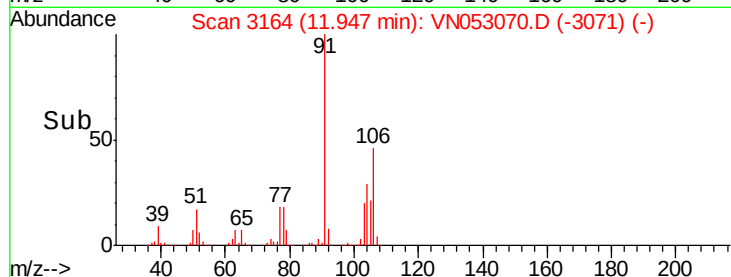
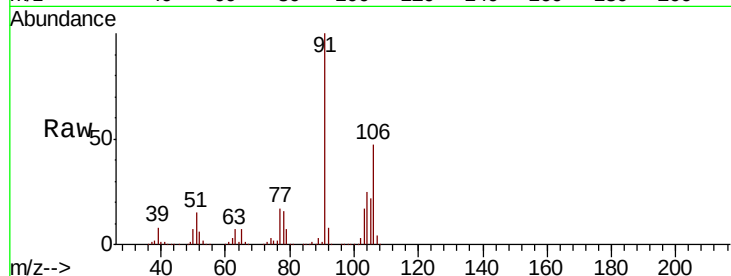




#69
o-Xylene
Concen: 49.926 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

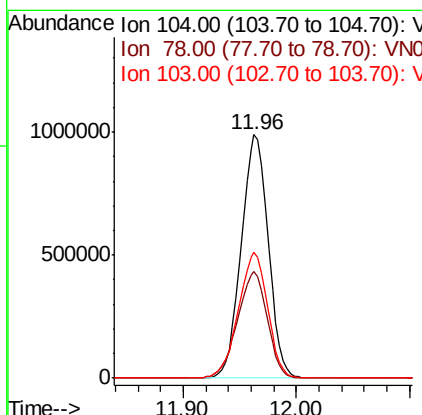
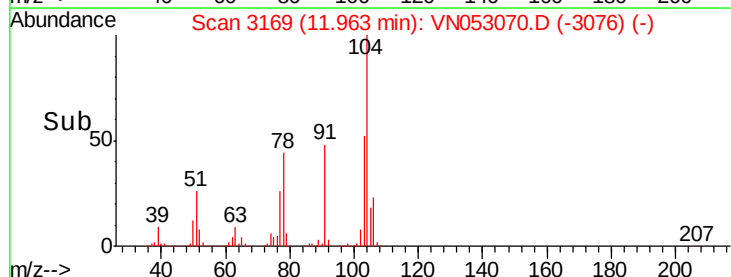
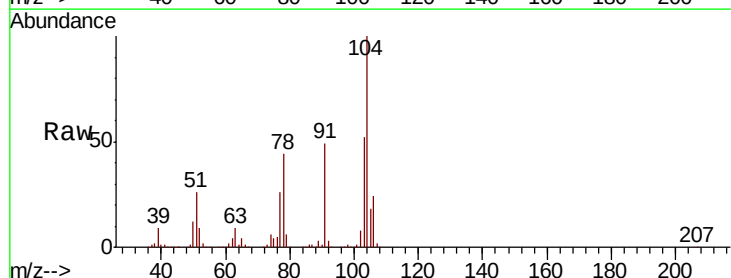
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

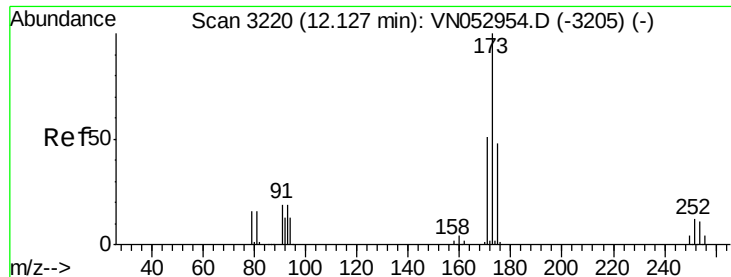
Tot Ion:106 Resp: 1007698
Ion Ratio Lower Upper
106 100
91 212.6 106.6 319.8



#70
Styrene
Concen: 50.118 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Tgt Ion:104 Resp: 1649475
Ion Ratio Lower Upper
104 100
78 47.9 38.9 58.3
103 55.7 44.3 66.5





#71

Bromoform

Concen: 47.415 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

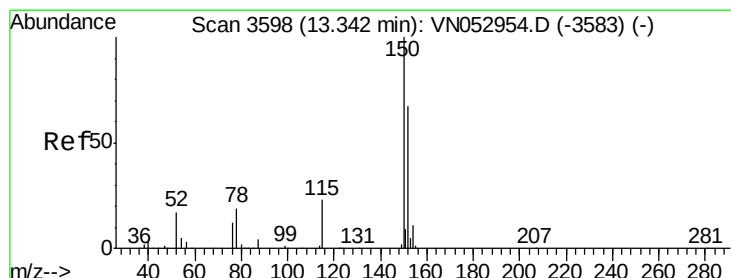
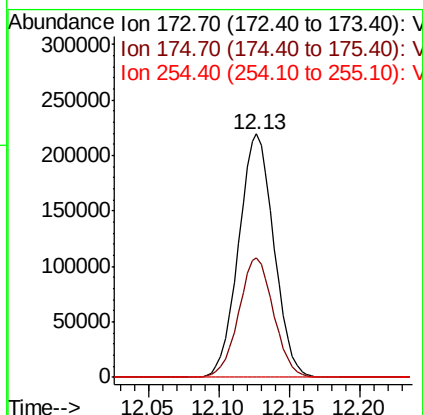
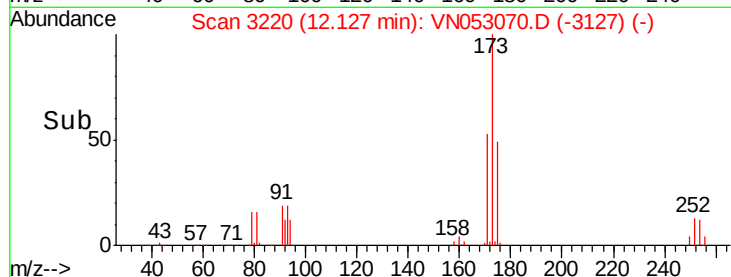
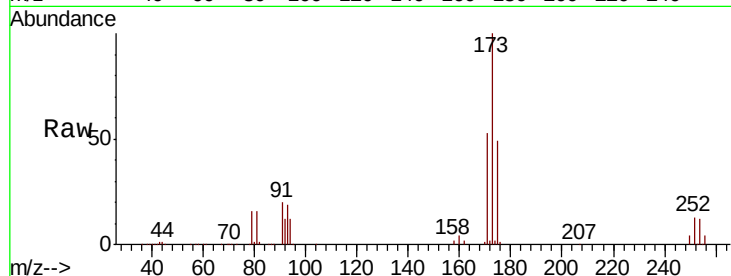
Tot Ion:173 Resp: 383236

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.9

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

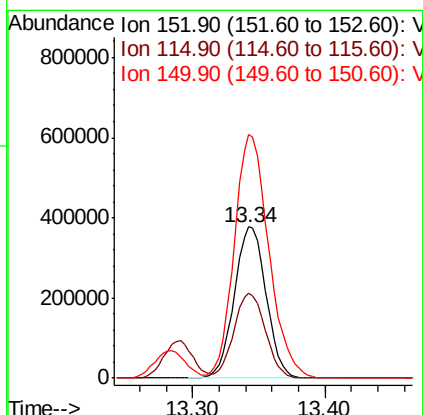
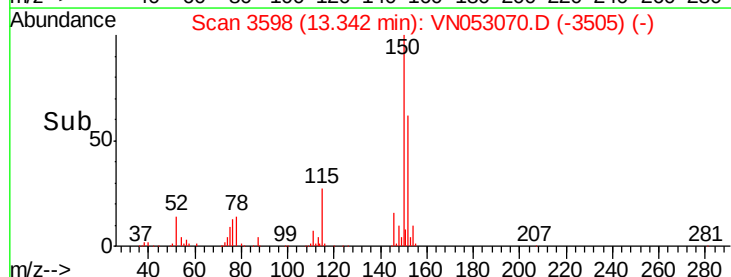
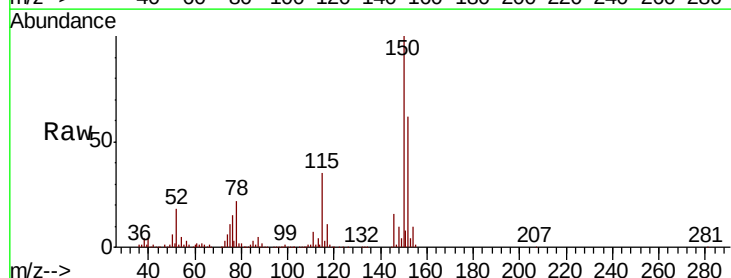
Tgt Ion:152 Resp: 625343

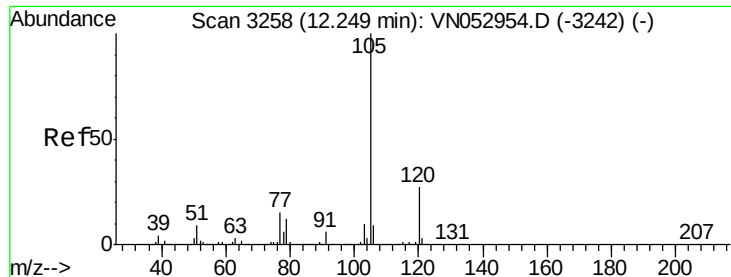
Ion Ratio Lower Upper

152 100

115 56.1 28.3 85.0

150 175.1 0.0 347.8





#73

Isopropylbenzene

Concen: 54.354 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampleId :

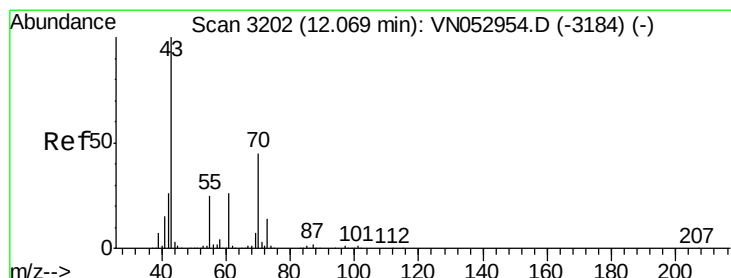
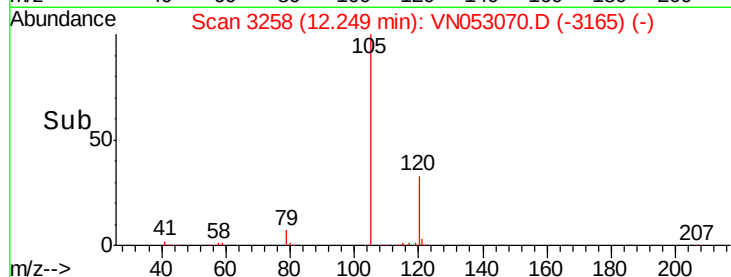
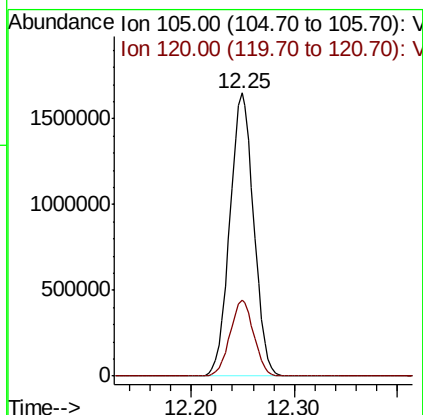
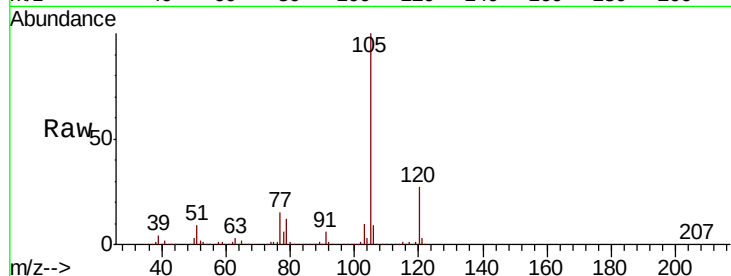
VSTDCCC050

Tot Ion:105 Resp: 2659409

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 55.804 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Tgt Ion: 43 Resp: 758049

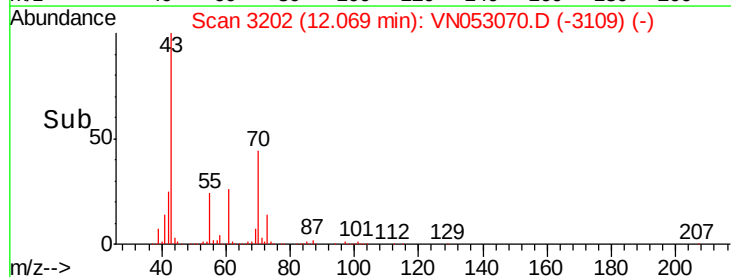
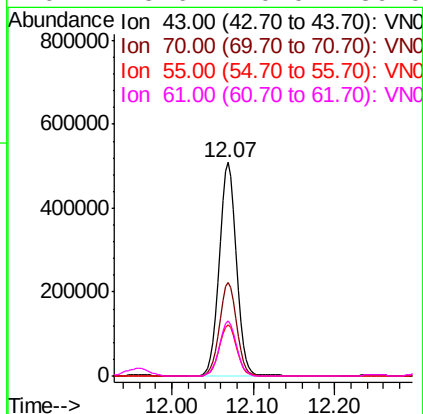
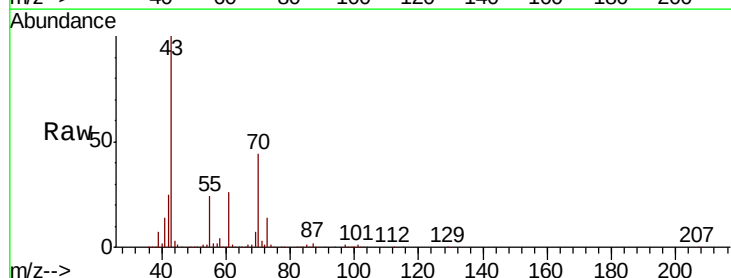
Ion Ratio Lower Upper

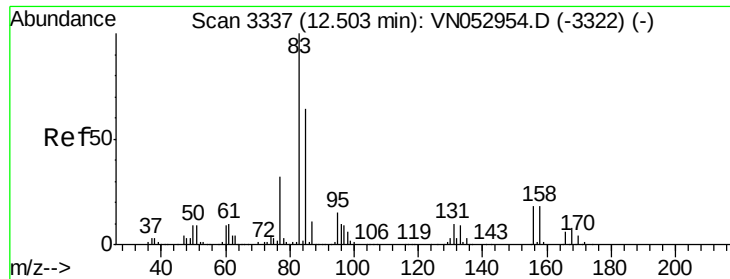
43 100

70 44.2 34.2 51.4

55 24.7 20.3 30.5

61 25.6 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 56.697 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

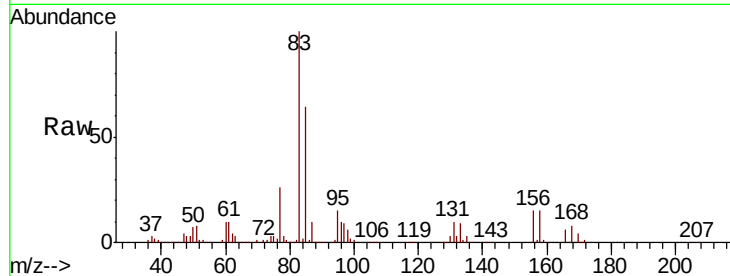
Tot Ion: 83 Resp: 544228

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

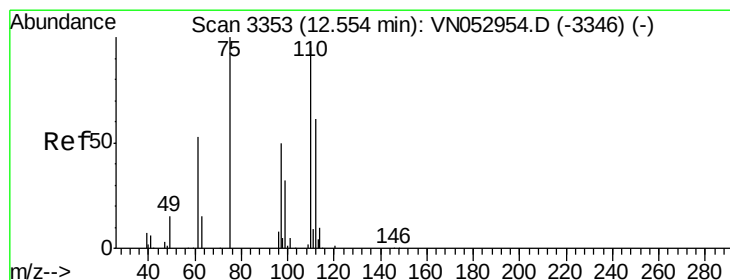
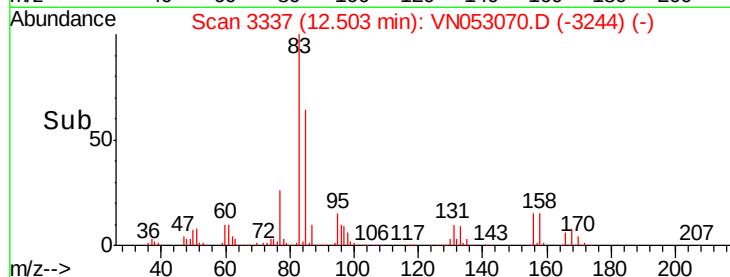
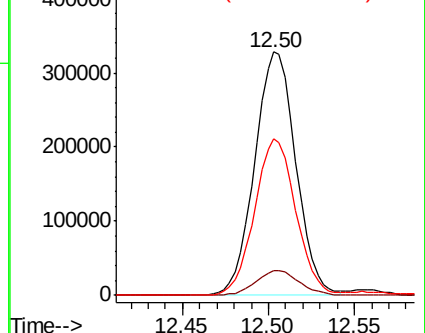
85 64.3 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN053070.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN053070.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN053070.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 70.066 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053070.D

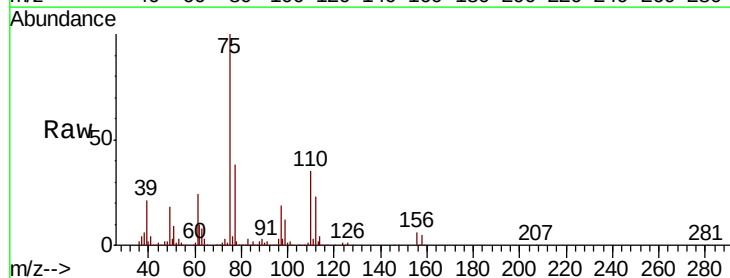
Acq: 20 Dec 2018 21:42

Tgt Ion: 75 Resp: 737587

Ion Ratio Lower Upper

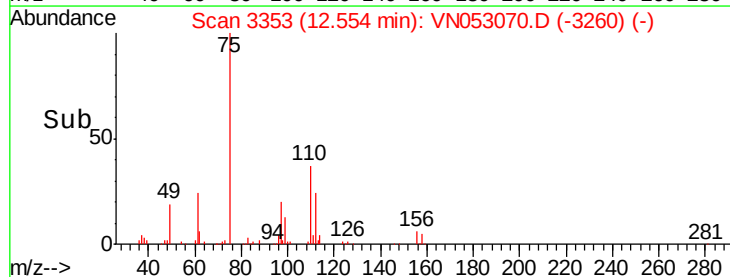
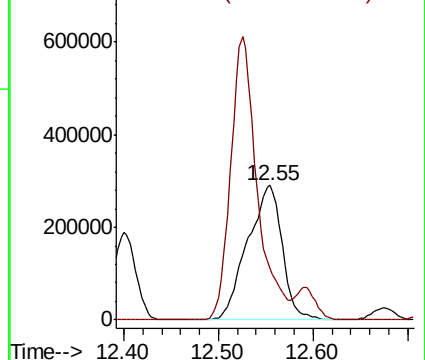
75 100

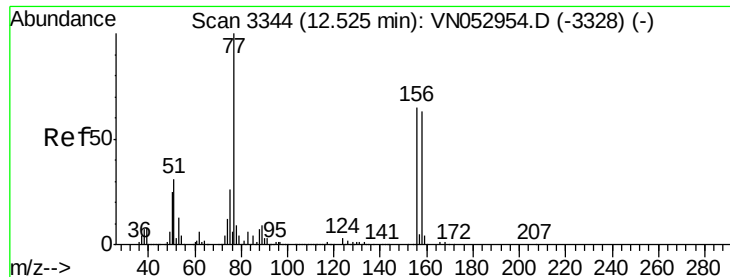
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN053070.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN053070.D (-3260) (-)





#77

Bromobenzene

Concen: 52.557 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

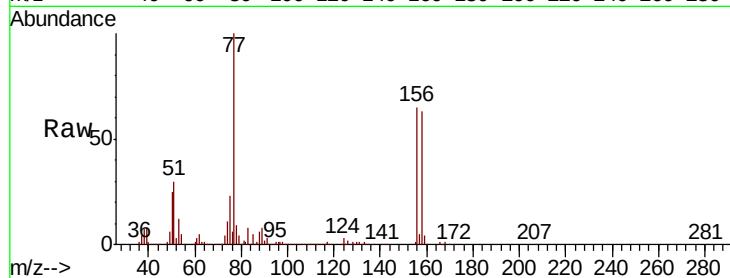
Tot Ion:156 Resp: 668445

Ion Ratio Lower Upper

156 100

77 178.7 91.3 273.8

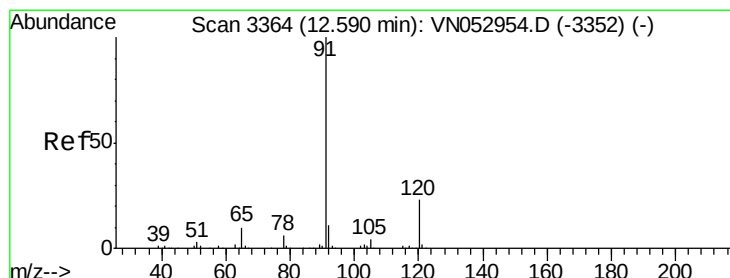
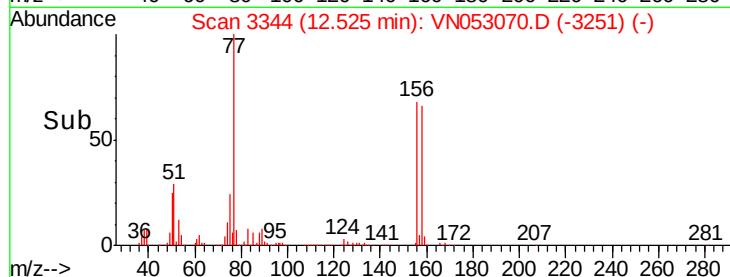
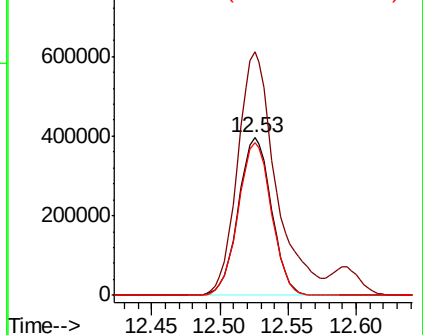
158 97.1 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.577 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN053070.D

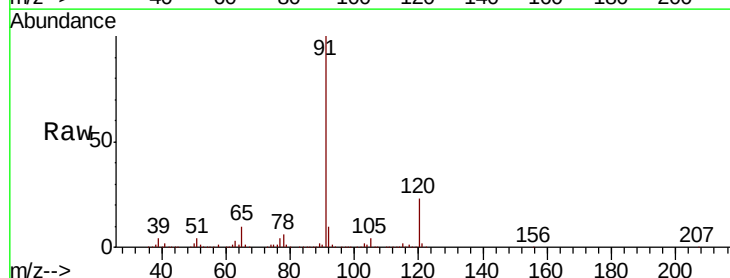
Acq: 20 Dec 2018 21:42

Tgt Ion: 91 Resp: 2929783

Ion Ratio Lower Upper

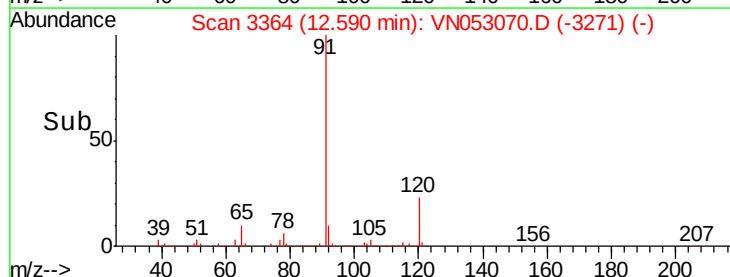
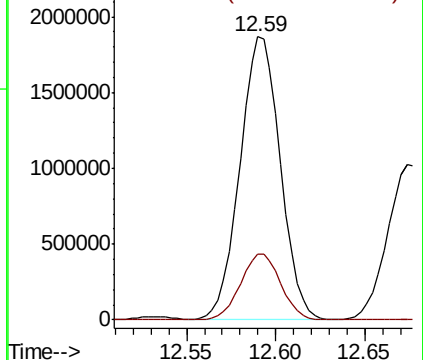
91 100

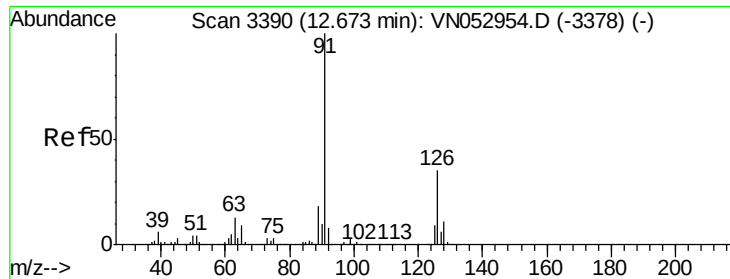
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.026 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampleId :

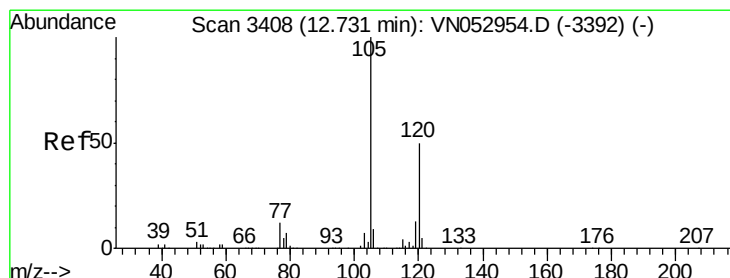
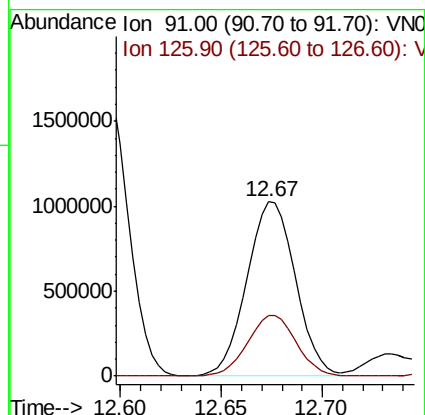
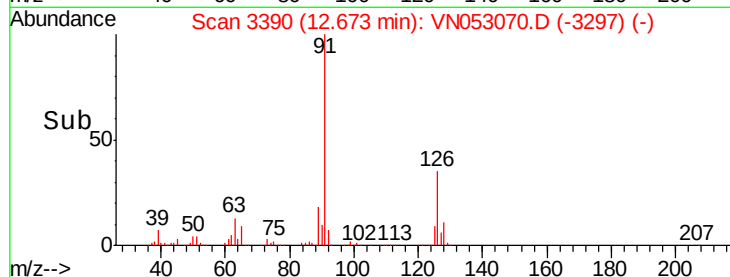
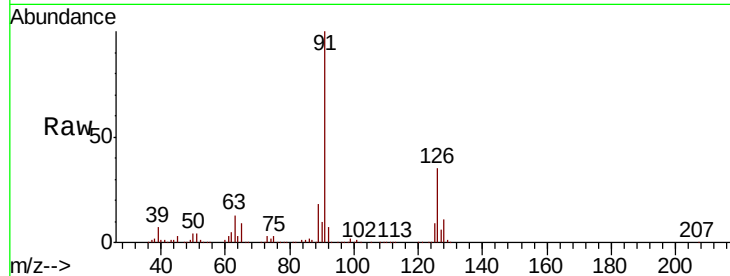
VSTDCCC050

Tot Ion: 91 Resp: 1727927

Ion Ratio Lower Upper

91 100

126 35.1 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 51.294 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053070.D

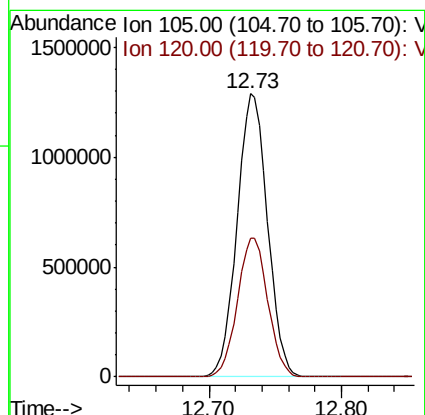
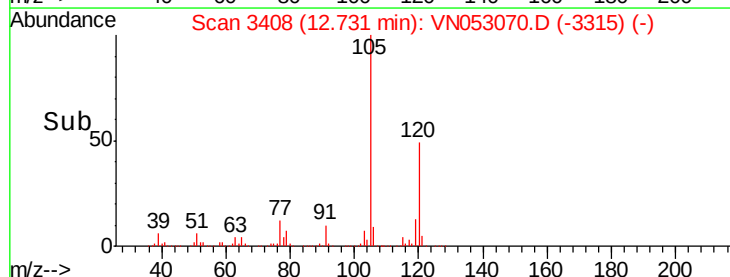
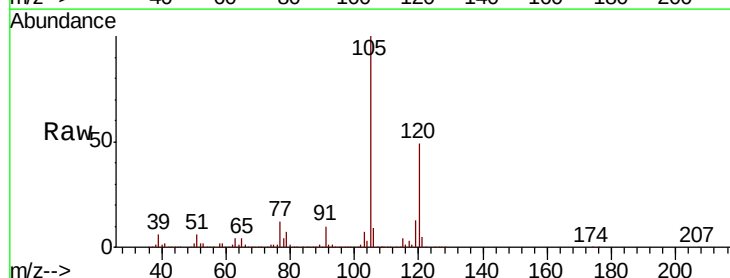
Acq: 20 Dec 2018 21:42

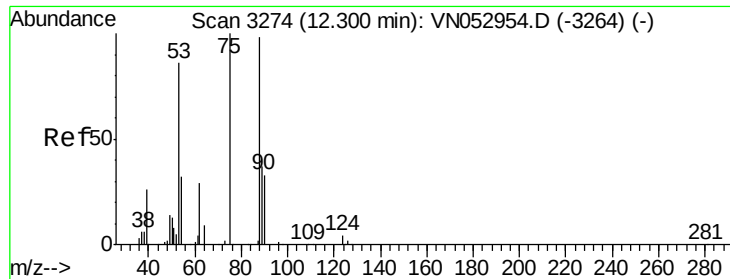
Tgt Ion: 105 Resp: 2045633

Ion Ratio Lower Upper

105 100

120 49.0 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 50.311 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

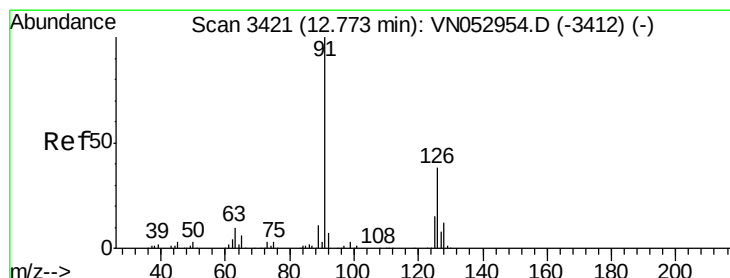
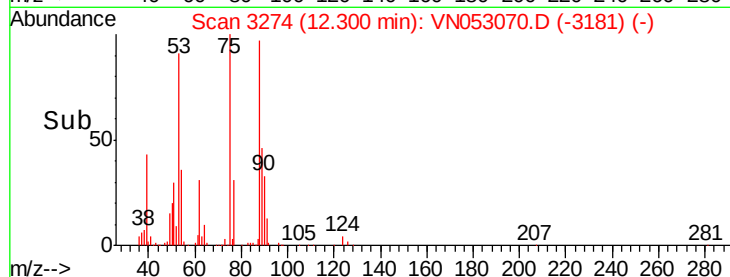
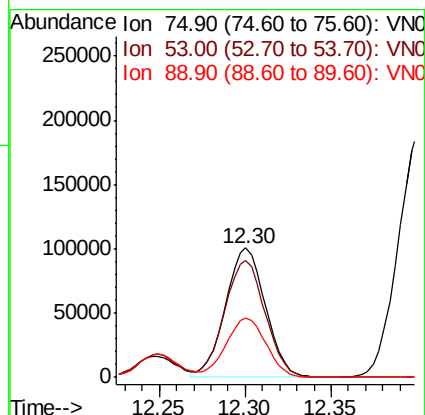
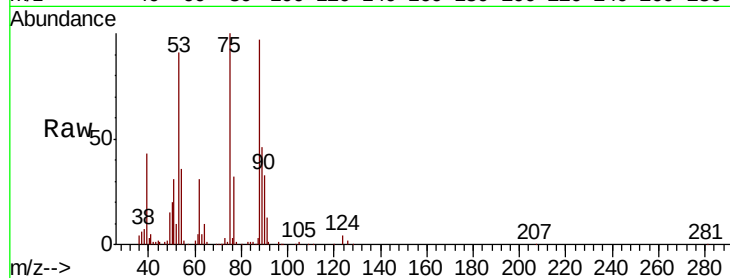
Tot Ion: 75 Resp: 164320

Ion Ratio Lower Upper

75 100

53 91.7 74.7 112.1

89 45.8 36.1 54.1



#82

4-Chlorotoluene

Concen: 51.471 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN053070.D

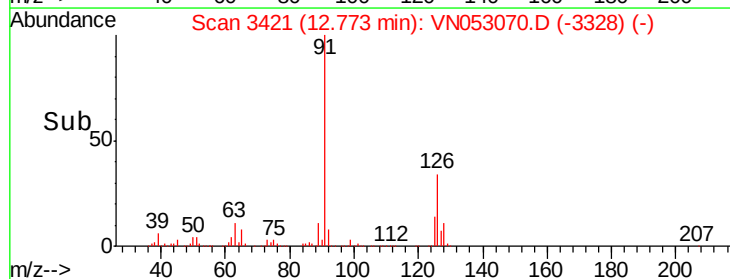
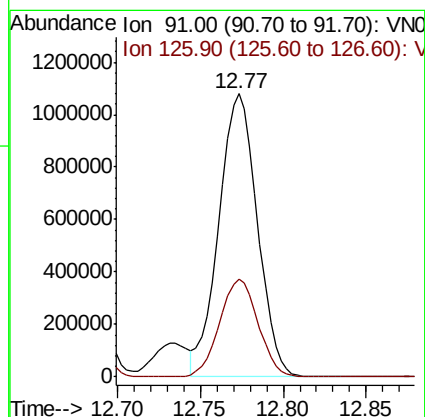
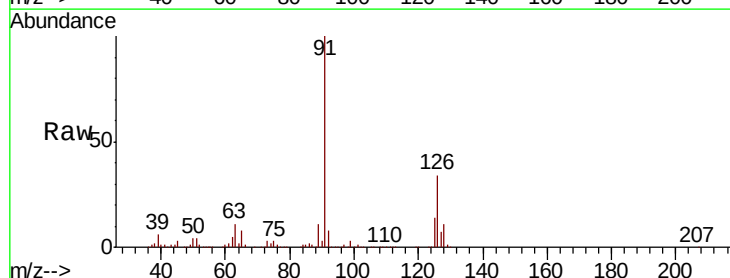
Acq: 20 Dec 2018 21:42

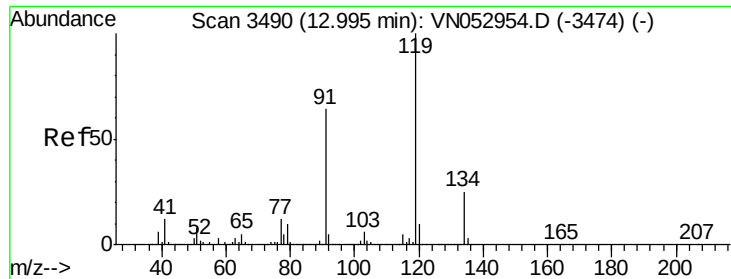
Tgt Ion: 91 Resp: 1740331

Ion Ratio Lower Upper

91 100

126 34.4 17.3 51.7

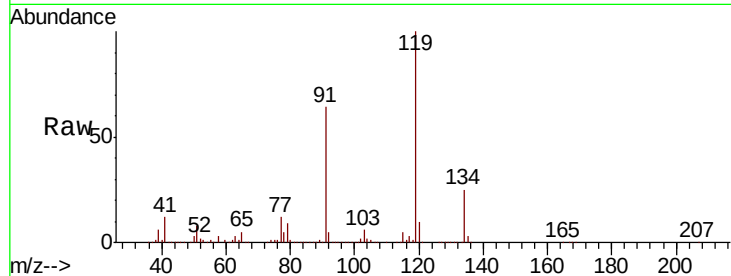




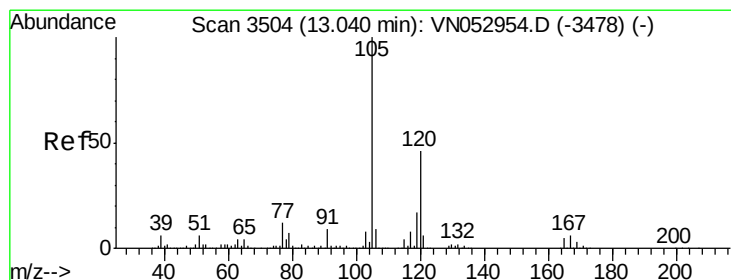
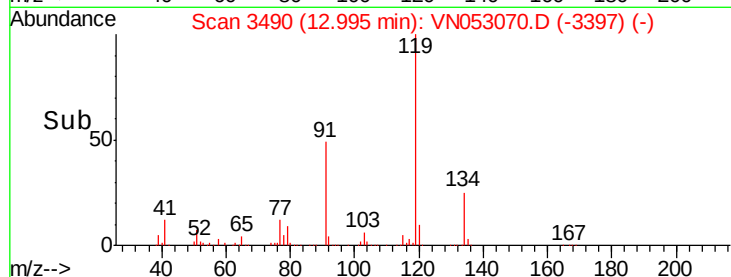
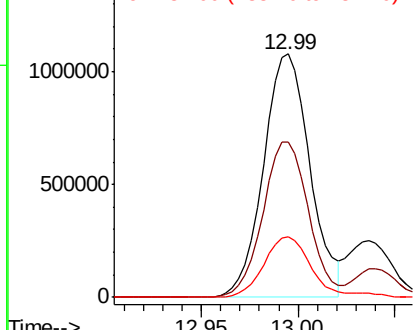
#83
 tert-Butylbenzene
 Concen: 51.128 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 1803303
 Ion Ratio Lower Upper
 119 100
 91 62.5 31.9 95.5
 134 25.7 12.8 38.4

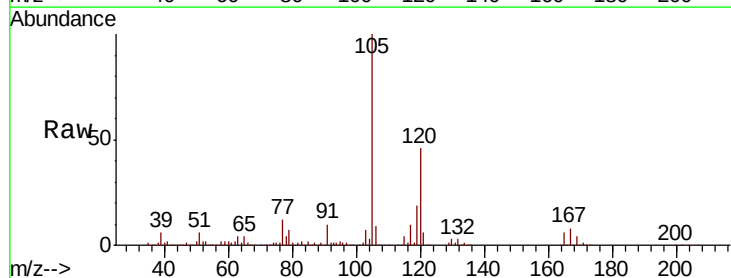


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

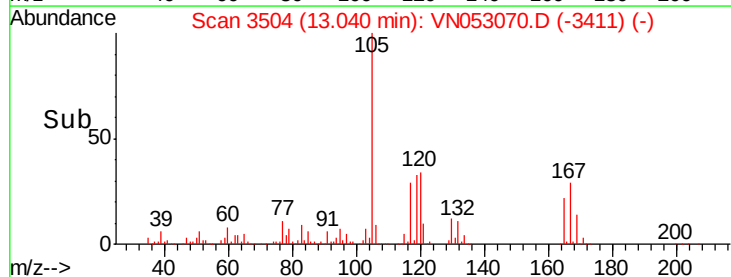
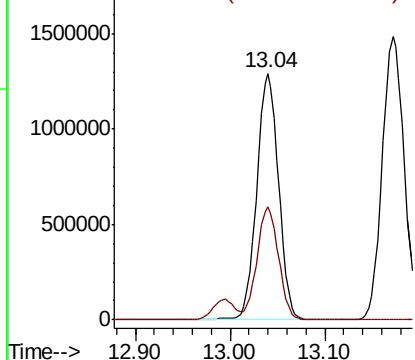


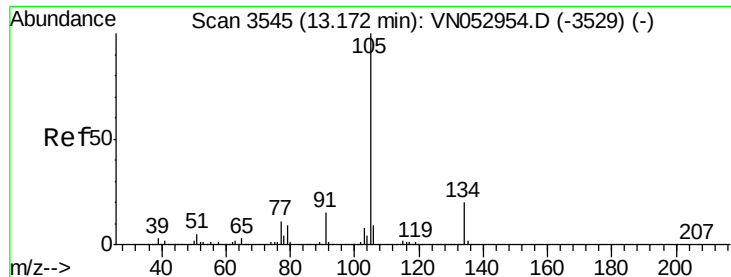
#84
 1,2,4-Trimethylbenzene
 Concen: 51.381 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

Tgt Ion:105 Resp: 2059916
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.9 68.8



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





#85

sec-Butylbenzene

Concen: 49.710 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampleId :

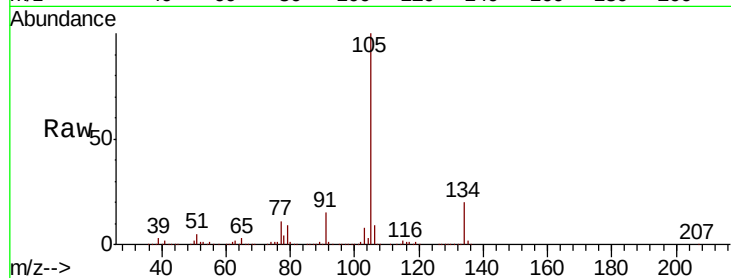
VSTDCCC050

Tot Ion:105 Resp: 2371485

Ion Ratio Lower Upper

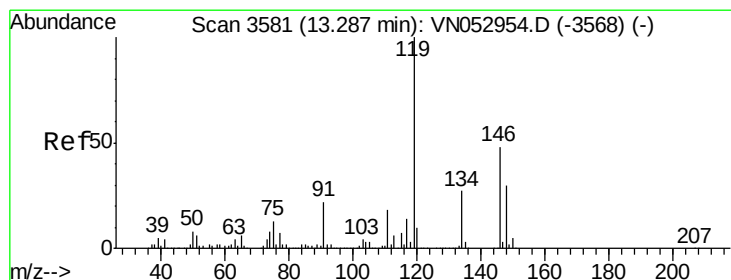
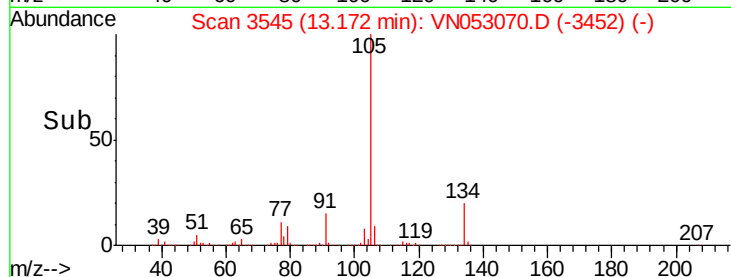
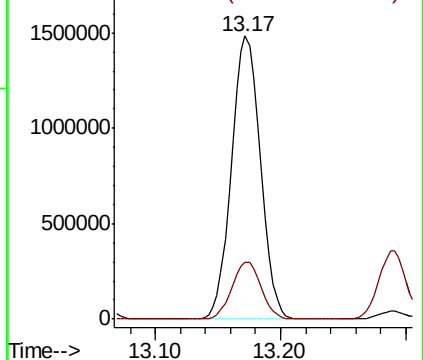
105 100

134 20.4 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.447 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

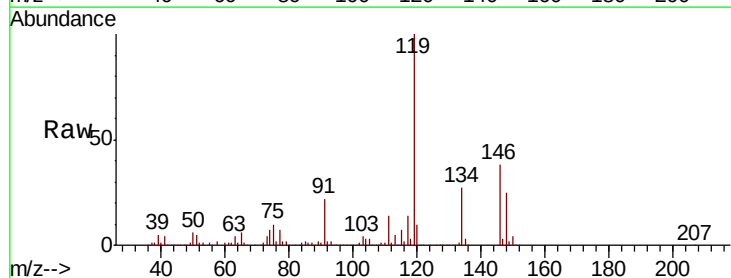
Tgt Ion:119 Resp: 2038342

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

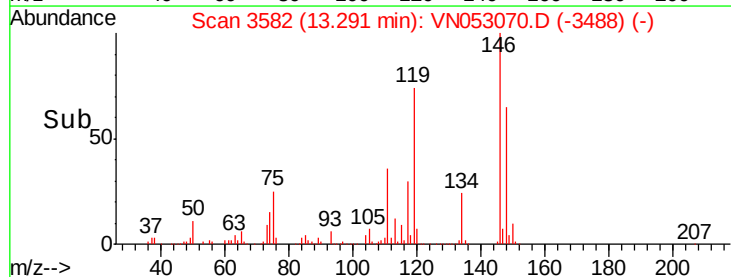
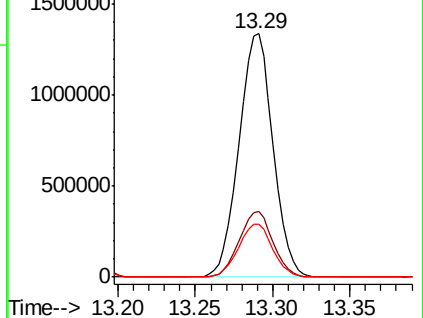
91 21.9 11.1 33.3

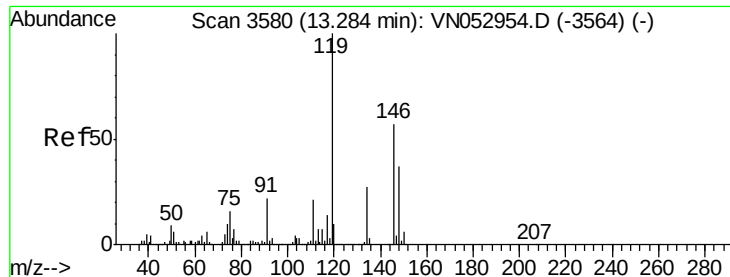


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

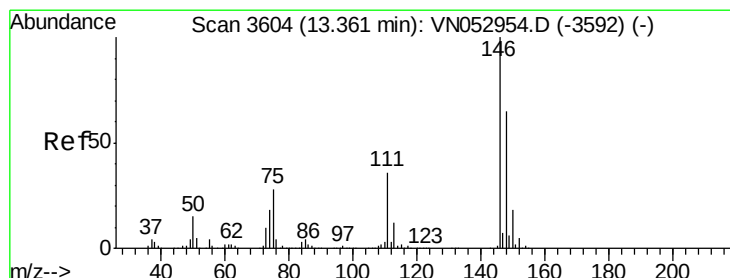
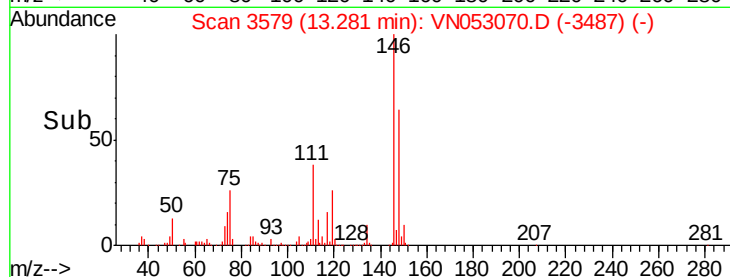
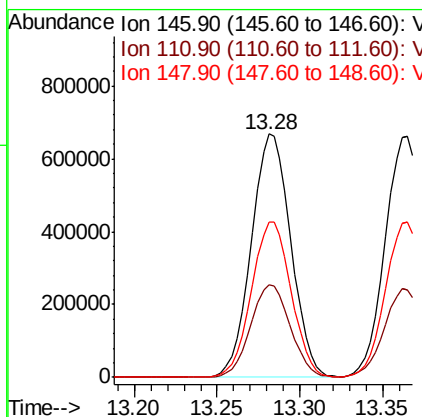
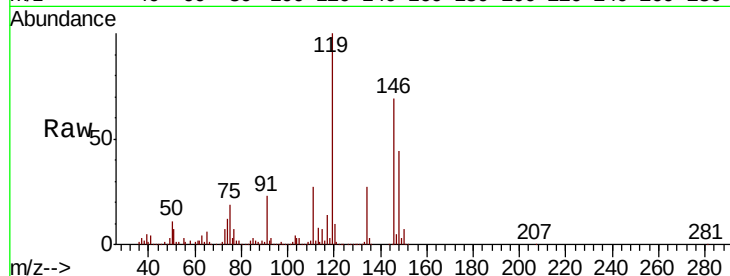




#87
 1,3-Dichlorobenzene
 Concen: 49.249 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

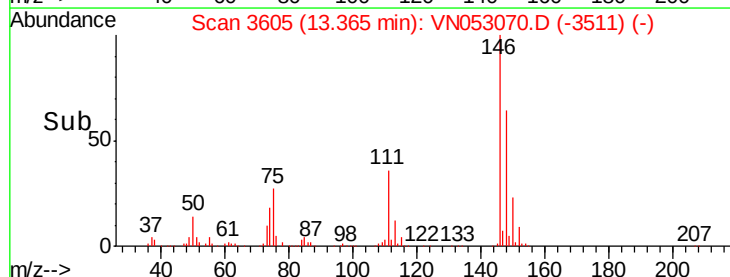
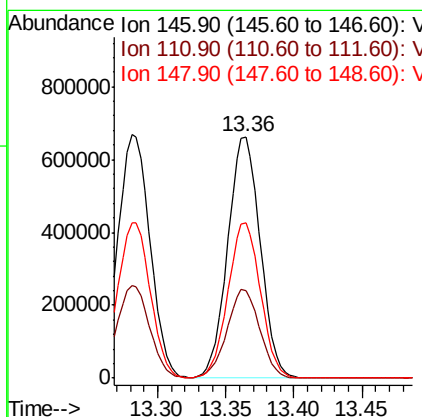
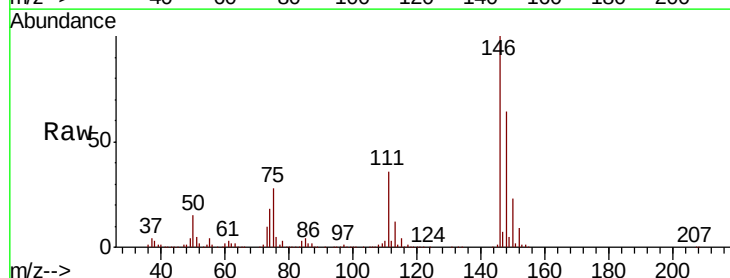
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

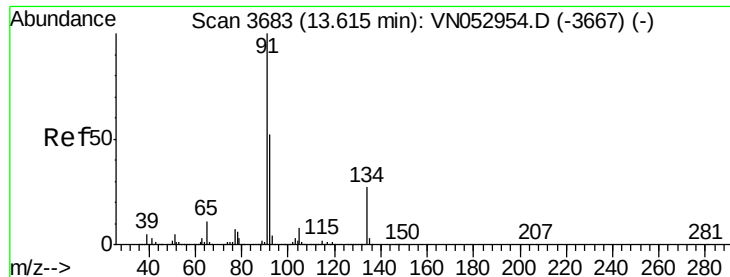
Tot Ion:146 Resp: 1108604
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.1
 148 64.2 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 48.107 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

Tgt Ion:146 Resp: 1096624
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.6 55.8
 148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 46.144 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

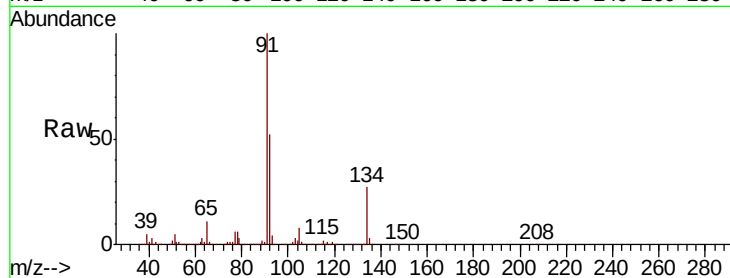
Tot Ion: 91 Resp: 1636459

Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.3	78.9
134	27.0	13.3	39.8

91 100

92 52.5 26.3 78.9

134 27.0 13.3 39.8

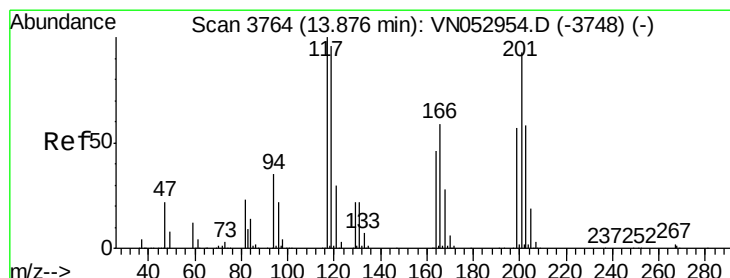
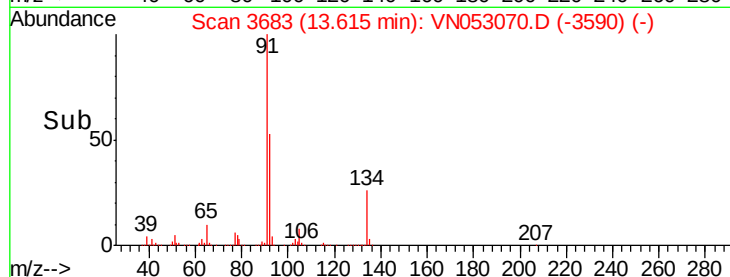
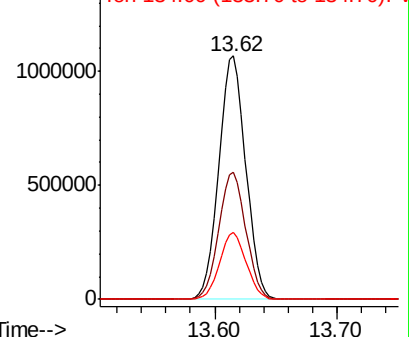


Abundance

Ion 91.00 (90.70 to 91.70): VN052954.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN052954.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN052954.D (-3667) (-)



#90

Hexachloroethane

Concen: 49.223 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN053070.D

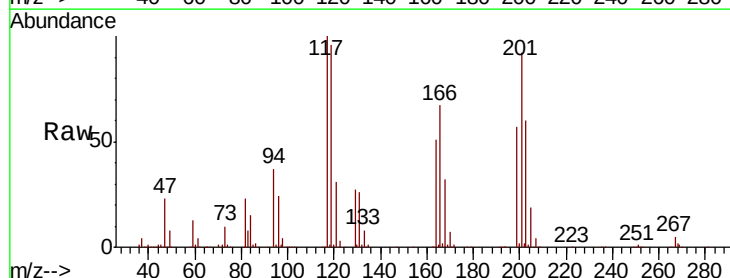
Acq: 20 Dec 2018 21:42

Tgt Ion: 117 Resp: 311383

Ion	Ratio	Lower	Upper
117	100		
201	92.5	45.7	137.1

117 100

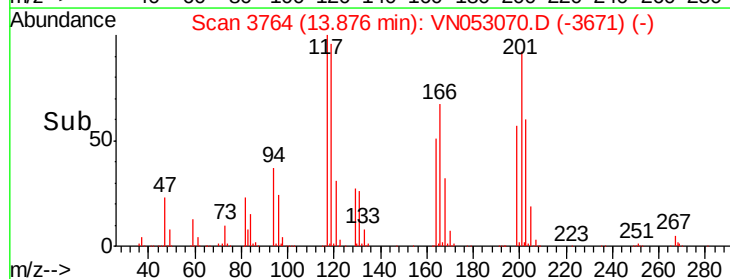
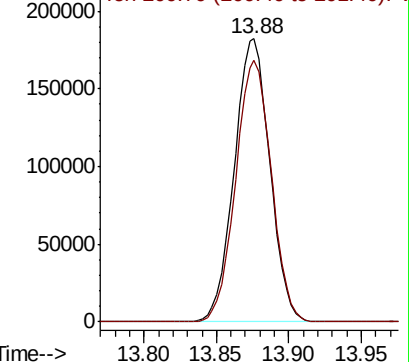
201 92.5 45.7 137.1

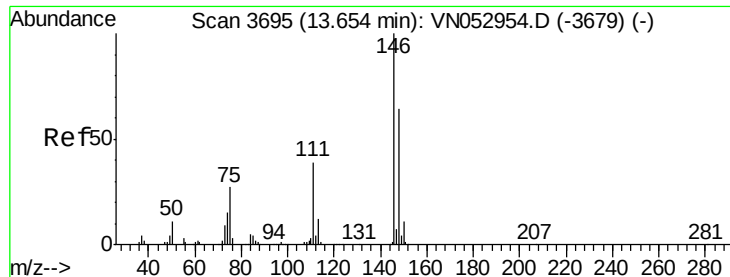


Abundance

Ion 116.80 (116.50 to 117.50): VN052954.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN052954.D (-3748) (-)

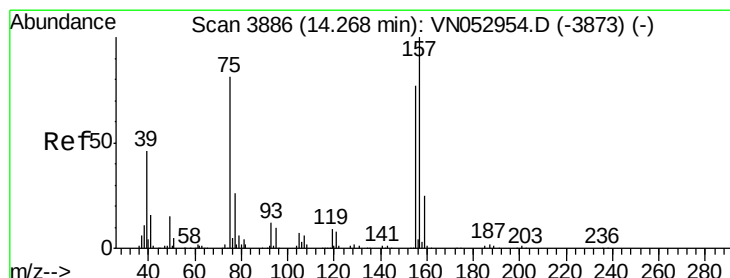
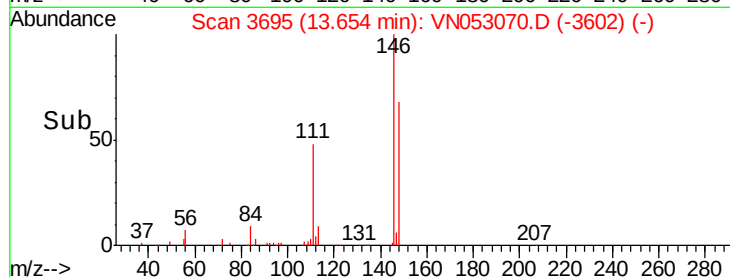
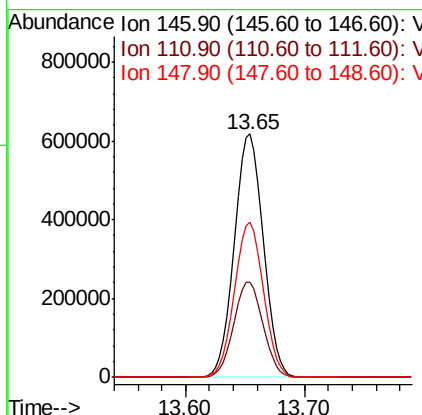
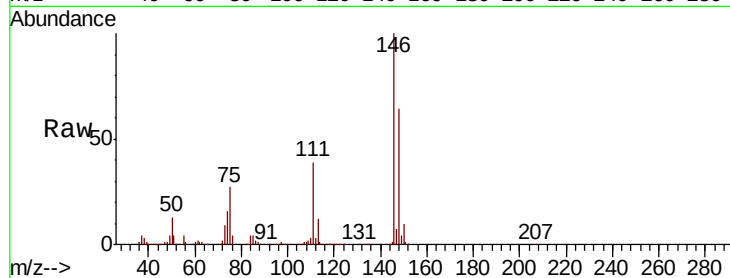




#91
 1,2-Dichlorobenzene
 Concen: 49.332 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

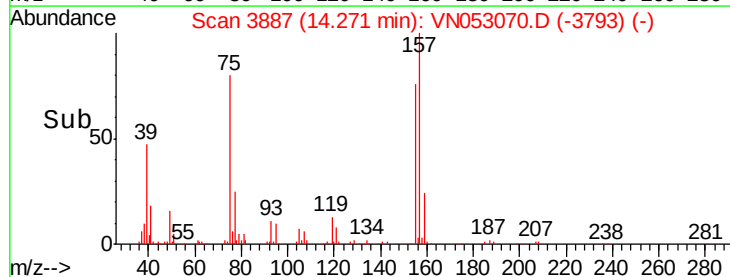
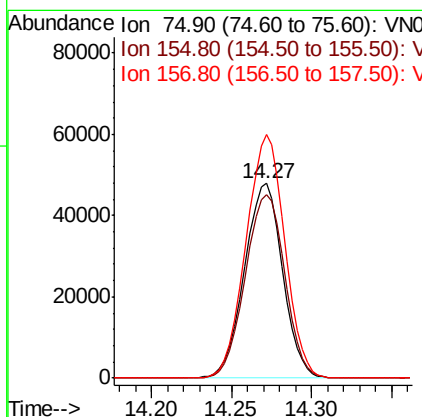
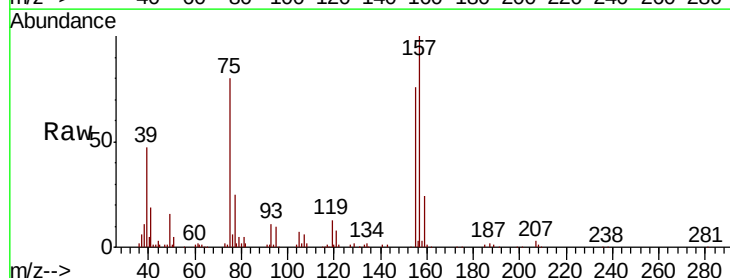
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

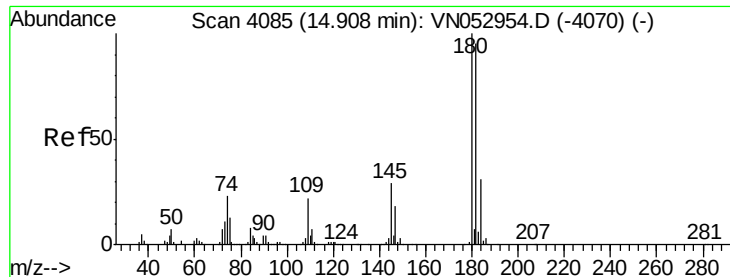
Tot Ion:146 Resp: 1045117
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.7 59.0
 148 63.8 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.964 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

Tgt Ion: 75 Resp: 77947
 Ion Ratio Lower Upper
 75 100
 155 97.6 48.2 144.6
 157 127.2 61.2 183.5

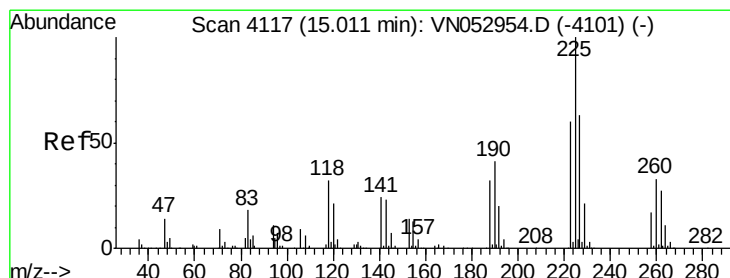
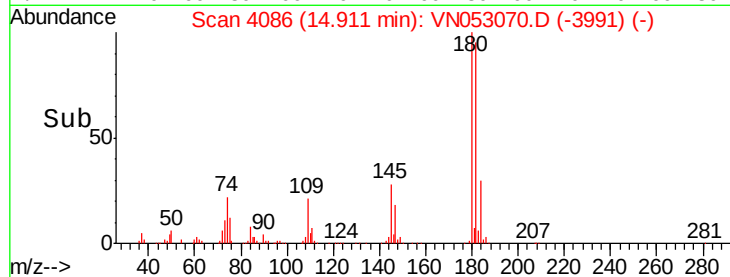
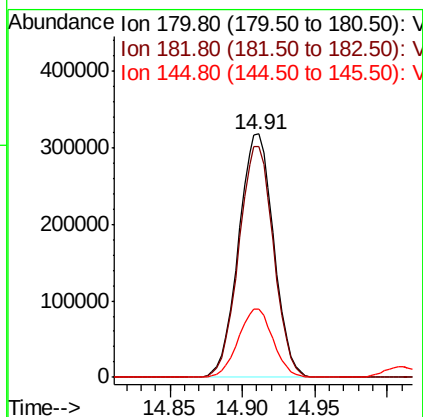
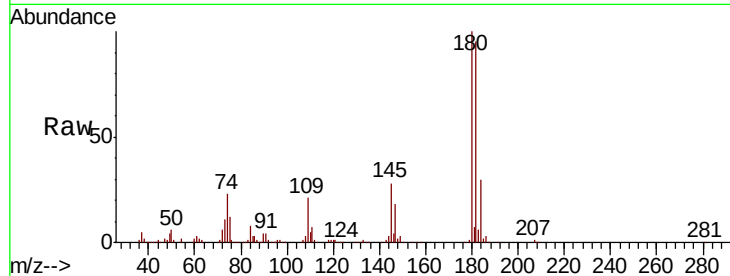




#93
 1,2,4-Trichlorobenzene
 Concen: 47.588 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

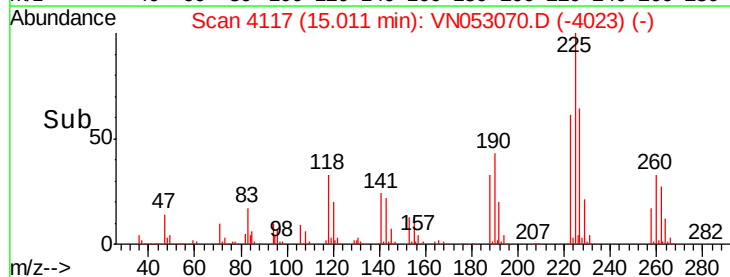
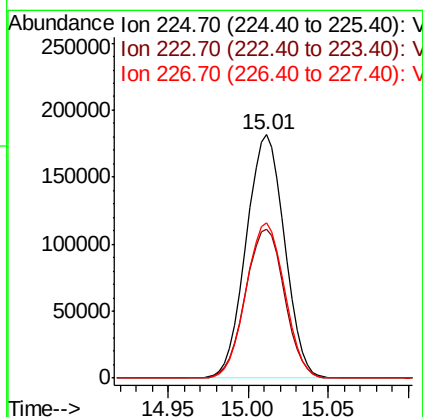
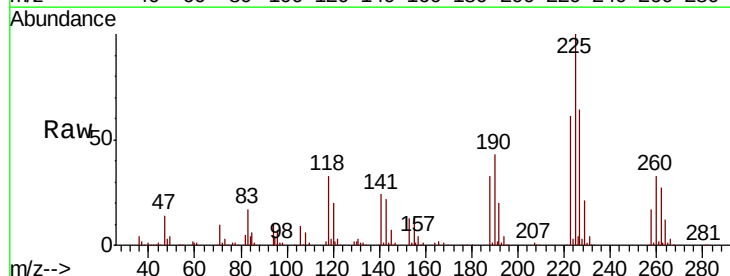
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

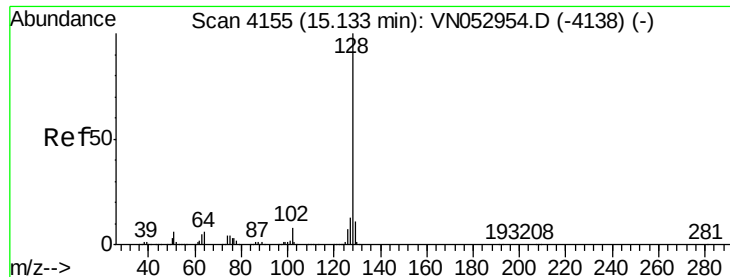
Tot Ion:180 Resp: 533802
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.8 143.3
 145 27.7 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 51.395 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

Tgt Ion:225 Resp: 298220
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.5 94.5
 227 64.0 31.9 95.7

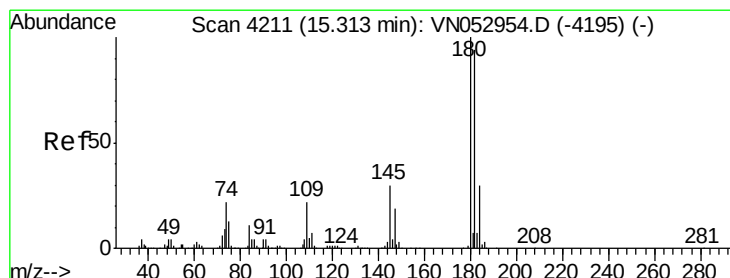
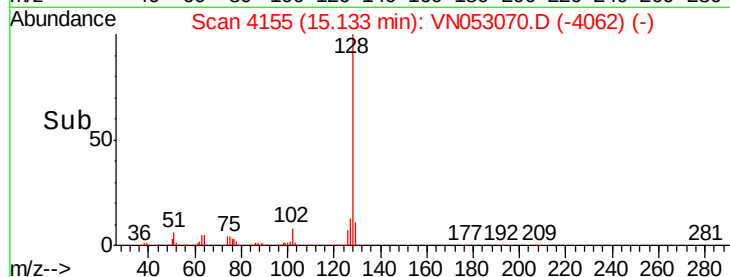
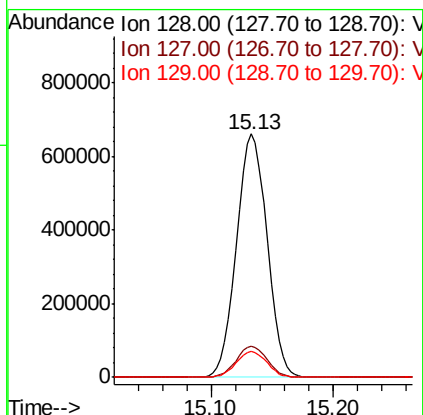
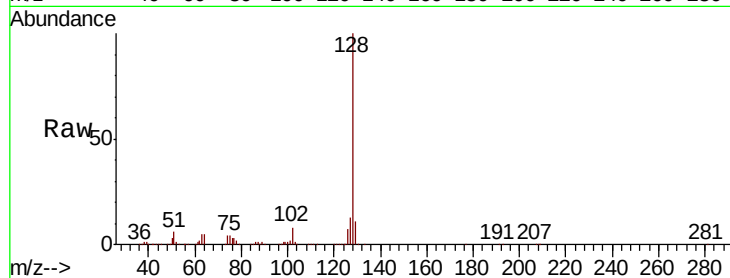




#95
Naphthalene
Concen: 46.589 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1143505
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.475 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Tgt Ion:180 Resp: 479587
Ion Ratio Lower Upper
180 100
182 95.7 47.9 143.7
145 30.1 15.0 45.0

