

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042719\
 Data File : VN055265.D
 Acq On : 26 Apr 2019 10:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 27 01:56:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	428249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	671195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	565139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	229078	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	284442	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	7.59	113	226443	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	10.09	98	841354	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
62) 4-Bromofluorobenzene	12.40	95	269567	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	284868	51.663	ug/l	100
3) Chloromethane	2.06	50	317225	46.951	ug/l	100
4) Vinyl Chloride	2.19	62	257790	47.616	ug/l	96
5) Bromomethane	2.55	94	141764	45.152	ug/l	97
6) Chloroethane	2.70	64	136942	47.991	ug/l	99
7) Trichlorofluoromethane	3.02	101	368512	50.018	ug/l	99
8) Diethyl Ether	3.41	74	129877	49.389	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	227149	49.408	ug/l	98
10) Methyl Iodide	3.95	142	327965	50.870	ug/l	100
11) Tert butyl alcohol	4.79	59	86529	255.696	ug/l	98
12) 1,1-Dichloroethene	3.74	96	215723	48.962	ug/l	98
13) Acrolein	3.61	56	185139	360.589	ug/l	98
14) Allyl chloride	4.32	41	442172	50.765	ug/l	99
15) Acrylonitrile	4.99	53	460303	248.020	ug/l	100
16) Acetone	3.82	43	465834	243.103	ug/l	99
17) Carbon Disulfide	4.05	76	594234	48.243	ug/l	98
18) Methyl Acetate	4.33	43	213856	51.982	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	614049	50.408	ug/l	98
20) Methylene Chloride	4.55	84	249254	45.247	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	225754	48.863	ug/l	97
22) Diisopropyl ether	5.95	45	884400	50.939	ug/l	97
23) Vinyl Acetate	5.89	43	3081357	264.107	ug/l	99
24) 1,1-Dichloroethane	5.85	63	456367	48.868	ug/l	100
25) 2-Butanone	6.83	43	598727	242.019	ug/l	100
26) 2,2-Dichloropropane	6.82	77	331385	52.438	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	262826	49.349	ug/l	98
28) Bromochloromethane	7.19	49	232326	48.804	ug/l	98
29) Tetrahydrofuran	7.21	42	371085	243.966	ug/l	99
30) Chloroform	7.37	83	429204	48.317	ug/l	96
31) Cyclohexane	7.65	56	432819	49.492	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	358316	50.208	ug/l	99
36) 1,1-Dichloropropene	7.79	75	325684	52.279	ug/l	99
37) Ethyl Acetate	6.93	43	241871	48.109	ug/l #	91
38) Carbon Tetrachloride	7.77	117	304837	52.254	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042719\
 Data File : VN055265.D
 Acq On : 26 Apr 2019 10:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 27 01:56:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	361456	48.635	ug/l	98
40) Benzene	8.04	78	975894	50.747	ug/l	99
41) Methacrylonitrile	7.17	41	122368	46.425	ug/l #	85
42) 1,2-Dichloroethane	8.12	62	337337	50.281	ug/l	99
43) Isopropyl Acetate	8.16	43	423855	52.062	ug/l	100
44) Trichloroethene	8.83	130	246777	50.771	ug/l	100
45) 1,2-Dichloropropane	9.12	63	273750	50.429	ug/l	99
46) Dibromomethane	9.21	93	153017	49.241	ug/l	97
47) Bromodichloromethane	9.40	83	331043	53.215	ug/l	100
48) Methyl methacrylate	9.20	41	200389	50.742	ug/l	96
49) 1,4-Dioxane	9.20	88	45063	988.091	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1169614	249.663	ug/l	100
52) Toluene	10.15	92	560919	49.755	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	316217	55.389	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	381483	53.847	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	204872	49.292	ug/l	99
56) Ethyl methacrylate	10.43	69	278477	53.784	ug/l	100
57) 1,3-Dichloropropane	10.71	76	366281	50.652	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	457414	230.207	ug/l	100
59) 2-Hexanone	10.75	43	748398	252.912	ug/l	99
60) Dibromochloromethane	10.90	129	226453	52.896	ug/l	98
61) 1,2-Dibromoethane	11.00	107	199706	51.105	ug/l	100
64) Tetrachloroethene	10.63	164	230898	50.083	ug/l	98
65) Chlorobenzene	11.43	112	573869	49.750	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	222809	52.116	ug/l	99
67) Ethyl Benzene	11.51	91	1062865	51.727	ug/l	100
68) m/p-Xylenes	11.62	106	769096	104.360	ug/l	99
69) o-Xylene	11.95	106	373671	51.092	ug/l	100
70) Styrene	11.96	104	611010	53.897	ug/l	98
71) Bromoform	12.13	173	135249	53.013	ug/l #	97
73) Isopropylbenzene	12.25	105	1007611	54.965	ug/l	100
74) N-amyl acetate	12.07	43	306661	51.923	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	247572	53.309	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	292732	62.989	ug/l #	100
77) Bromobenzene	12.53	156	237932	47.048	ug/l	99
78) n-propylbenzene	12.59	91	1122207	48.848	ug/l	99
79) 2-Chlorotoluene	12.67	91	668174	46.060	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	818328	47.719	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	62288	50.808	ug/l	97
82) 4-Chlorotoluene	12.77	91	651769	48.833	ug/l	100
83) tert-Butylbenzene	12.99	119	691208	53.809	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	788299	48.712	ug/l	99
85) sec-Butylbenzene	13.17	105	890922	45.922	ug/l	100
86) p-Isopropyltoluene	13.29	119	776114	48.557	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	385266	49.626	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	365302	48.331	ug/l	99
89) n-Butylbenzene	13.61	91	606413	51.186	ug/l	98
90) Hexachloroethane	13.87	117	132498	46.741	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	371802	46.627	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33327	47.910	ug/l	96

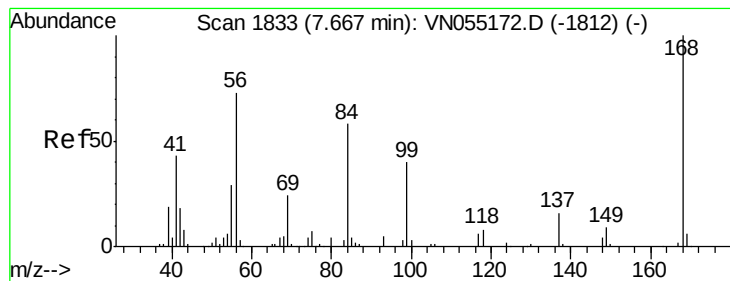
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042719\
Data File : VN055265.D
Acq On : 26 Apr 2019 10:07
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Apr 27 01:56:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	147178	44.035	ug/l	99
94) Hexachlorobutadiene	15.01	225	126126	54.548	ug/l	99
95) Naphthalene	15.13	128	301027	41.496	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	150135	45.092	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

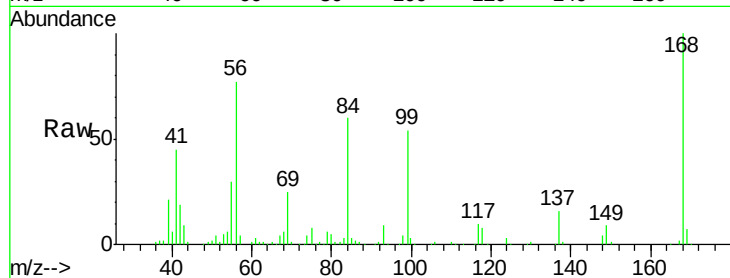
VSTDCCC050

Tot Ion:168 Resp: 428249

Ion Ratio Lower Upper

168 100

99 53.1 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

150000

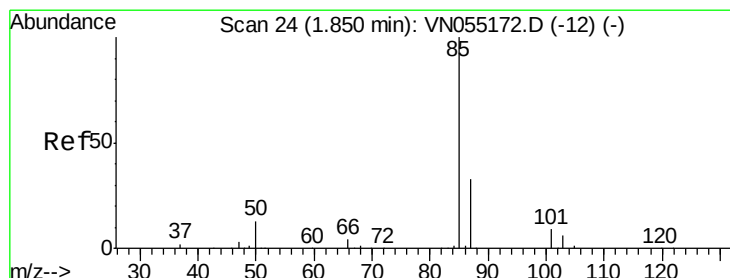
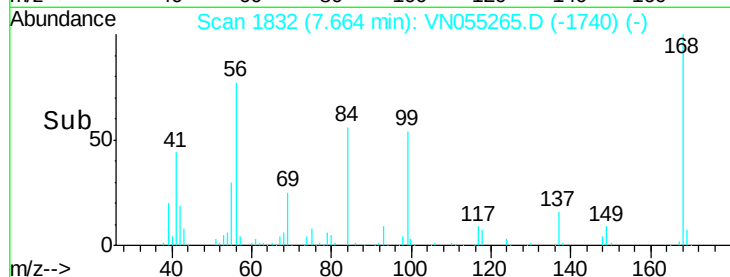
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.663 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN055265.D

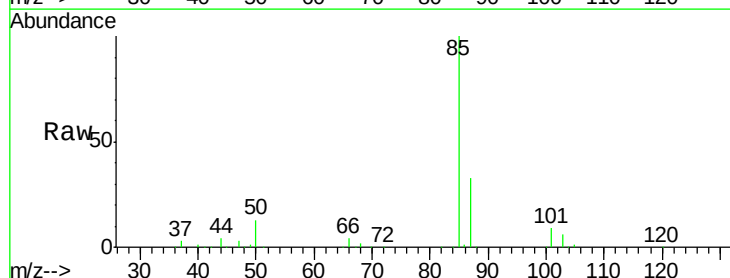
Acq: 26 Apr 2019 10:07

Tgt Ion: 85 Resp: 284868

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

250000

200000

150000

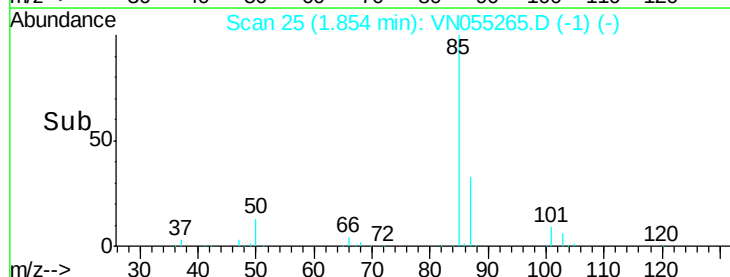
100000

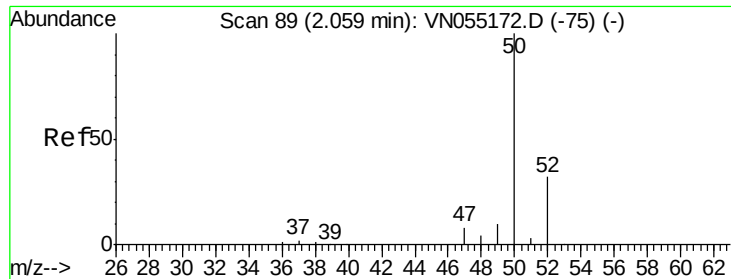
50000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 46.951 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

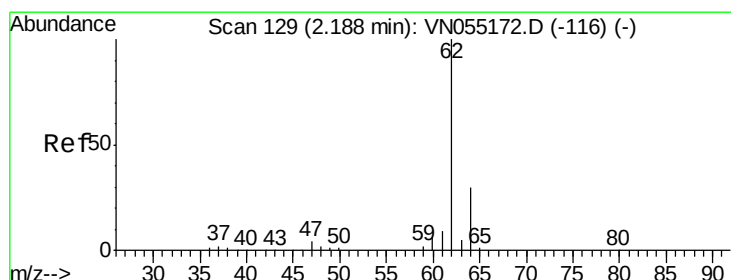
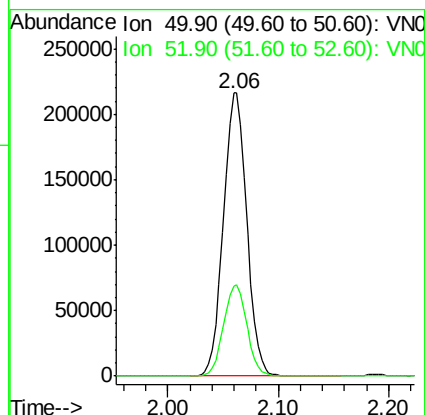
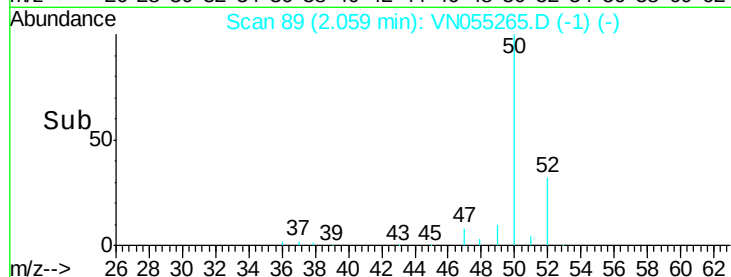
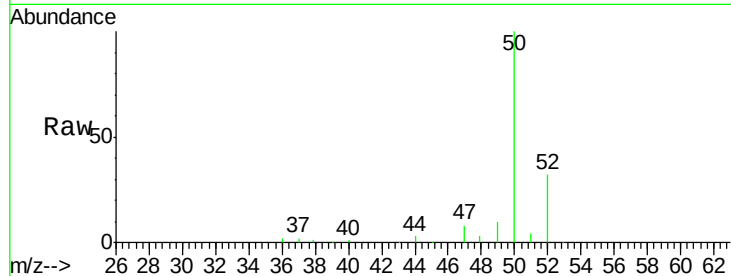
VSTDCCC050

Tot Ion: 50 Resp: 317225

Ion Ratio Lower Upper

50 100

52 32.0 25.8 38.6



#4

Vinyl Chloride

Concen: 47.616 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055265.D

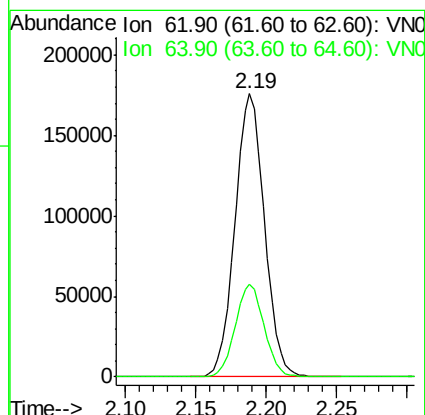
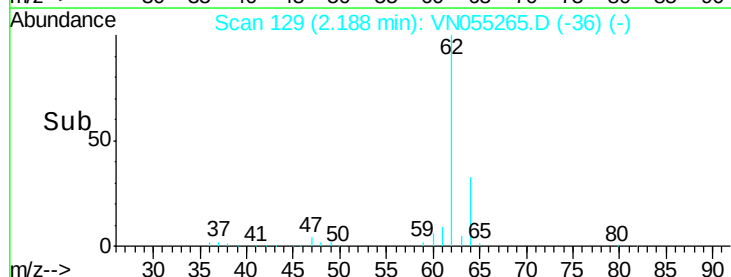
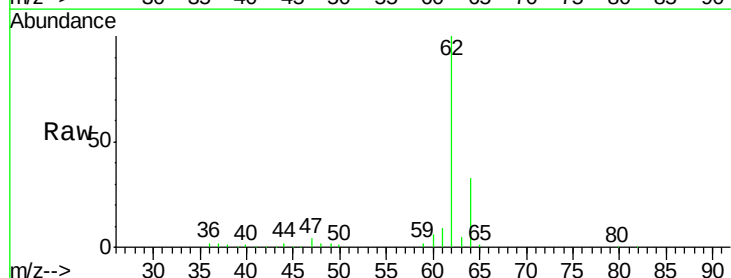
Acq: 26 Apr 2019 10:07

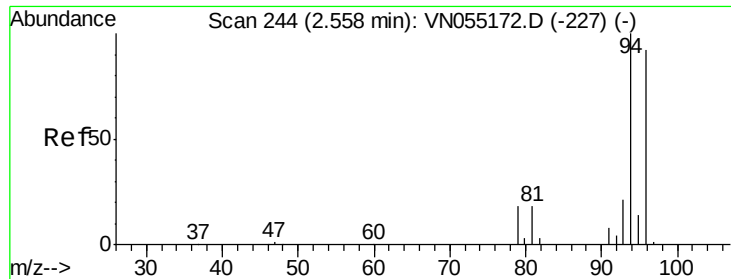
Tgt Ion: 62 Resp: 257790

Ion Ratio Lower Upper

62 100

64 32.7 24.2 36.4





#5

Bromomethane

Concen: 45.152 ug/l

RT: 2.55 min Scan# 243

Delta R.T. -0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

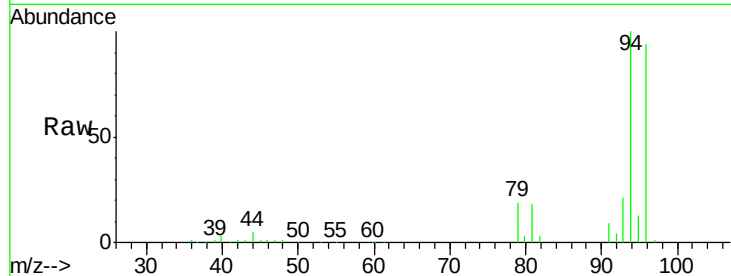
VSTDCCC050

Tot Ion: 94 Resp: 141764

Ion Ratio Lower Upper

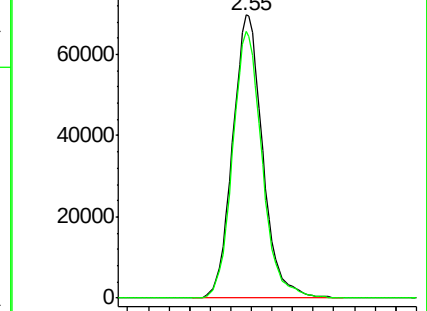
94 100

96 94.2 73.4 110.2

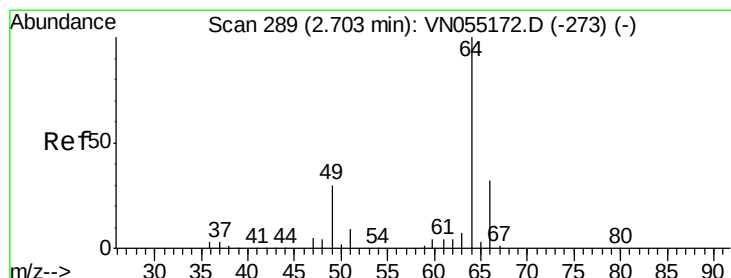
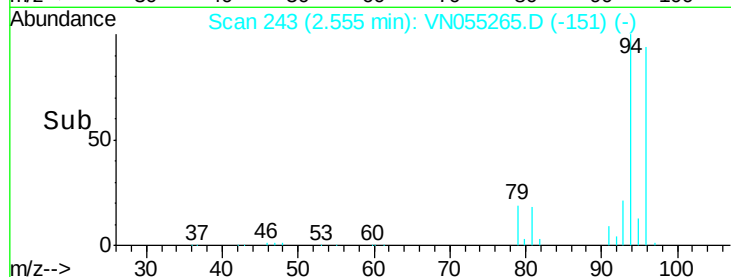


Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



Time-->



#6

Chloroethane

Concen: 47.991 ug/l

RT: 2.70 min Scan# 288

Delta R.T. -0.00 min

Lab File: VN055265.D

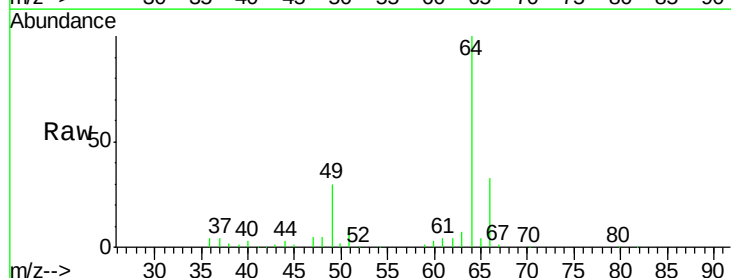
Acq: 26 Apr 2019 10:07

Tgt Ion: 64 Resp: 136942

Ion Ratio Lower Upper

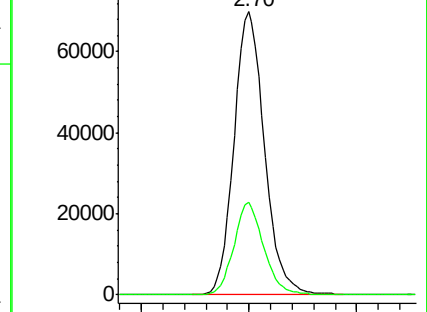
64 100

66 32.8 25.9 38.9

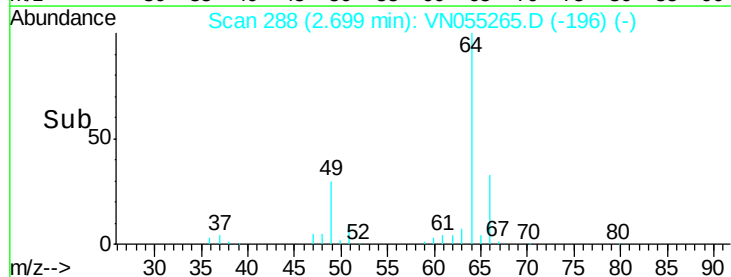


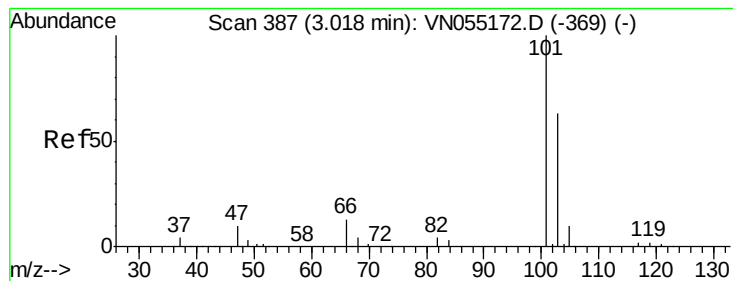
Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



Time-->



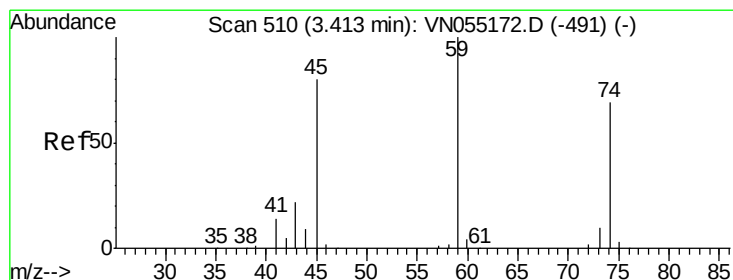
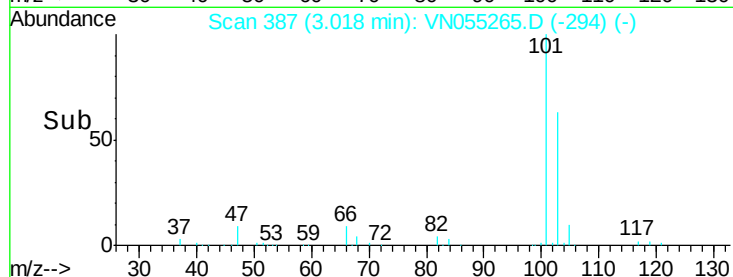
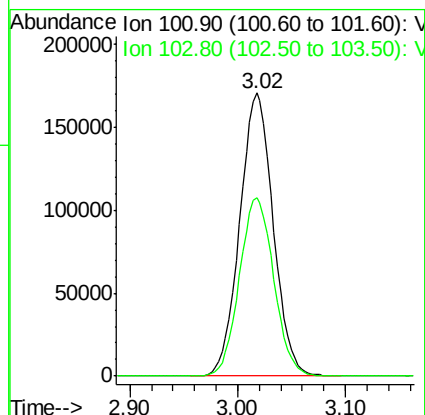
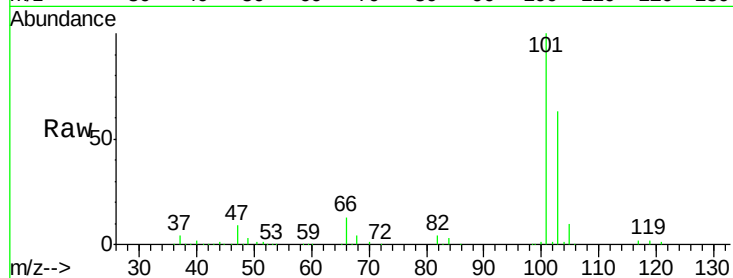


#7

Trichlorofluoromethane
 Concen: 50.018 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN055265.D
 Acq: 26 Apr 2019 10:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

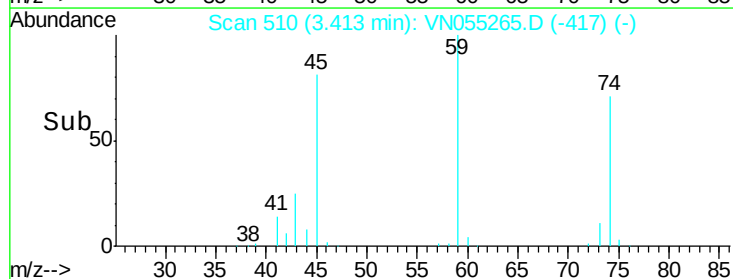
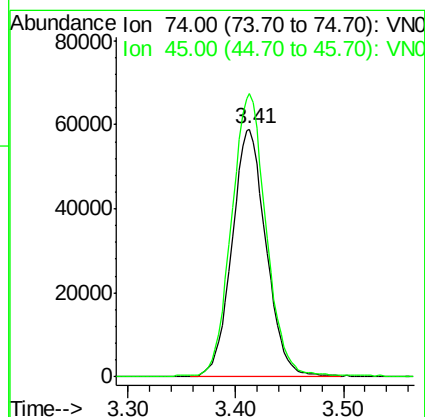
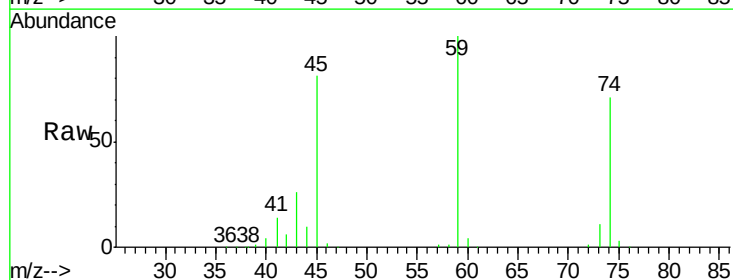
Tot Ion:101 Resp: 368512
 Ion Ratio Lower Upper
 101 100
 103 63.2 50.1 75.1

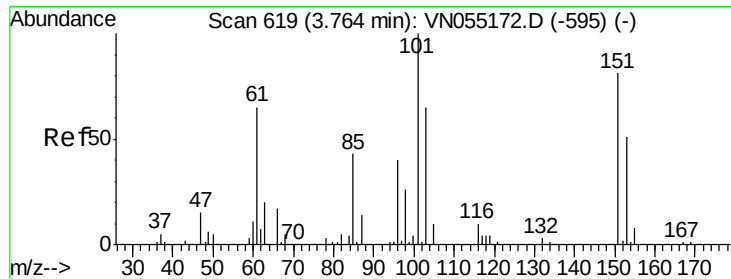


#8

Diethyl Ether
 Concen: 49.389 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN055265.D
 Acq: 26 Apr 2019 10:07

Tgt Ion: 74 Resp: 129877
 Ion Ratio Lower Upper
 74 100
 45 114.5 56.9 170.6

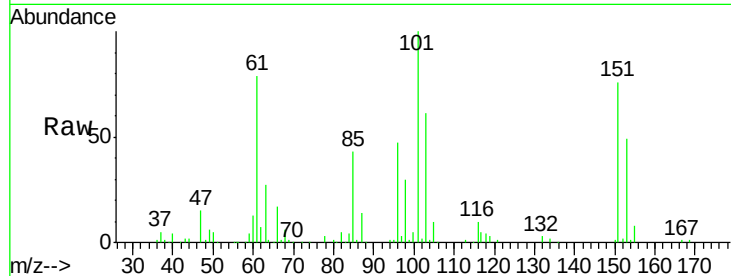




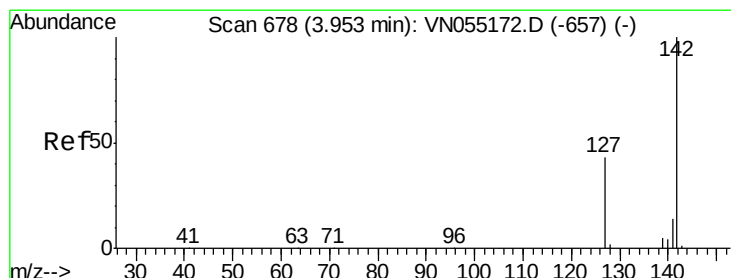
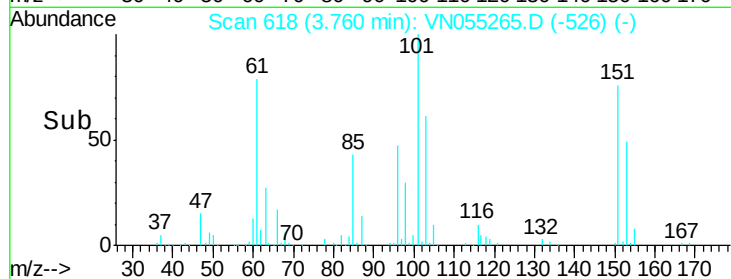
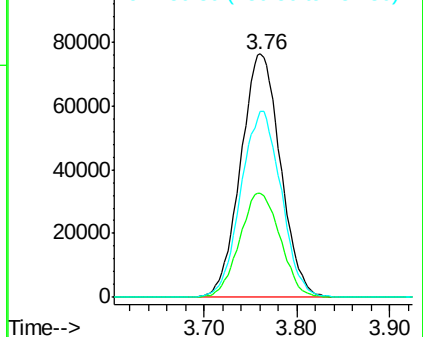
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.408 ug/l
 RT: 3.76 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: VN055265.D
 Acq: 26 Apr 2019 10:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 227149
 Ion Ratio Lower Upper
 101 100
 85 43.6 34.9 52.3
 151 77.5 63.8 95.8

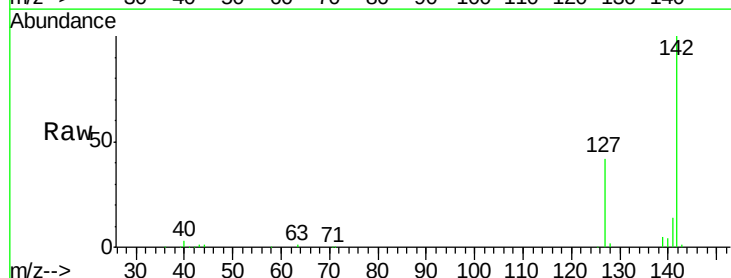


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

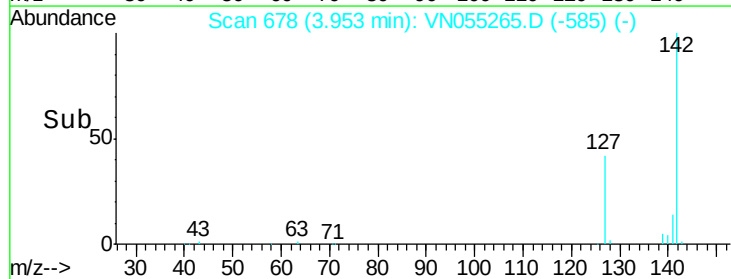
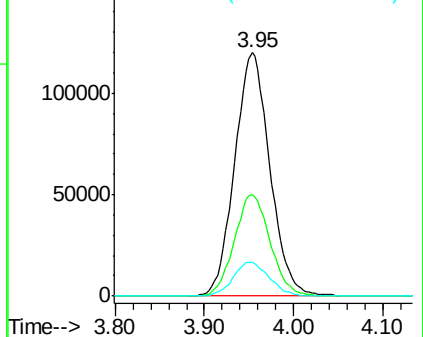


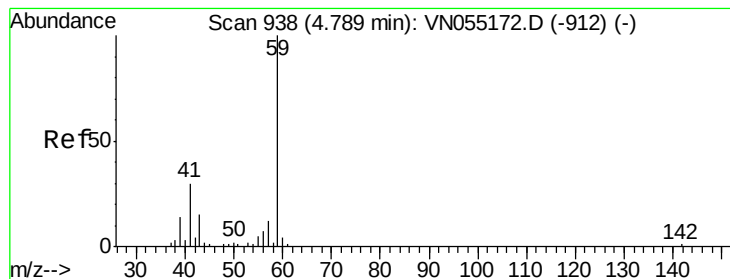
#10
 Methyl Iodide
 Concen: 50.870 ug/l
 RT: 3.95 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VN055265.D
 Acq: 26 Apr 2019 10:07

Tgt Ion:142 Resp: 327965
 Ion Ratio Lower Upper
 142 100
 127 42.4 34.1 51.1
 141 14.3 11.4 17.2



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



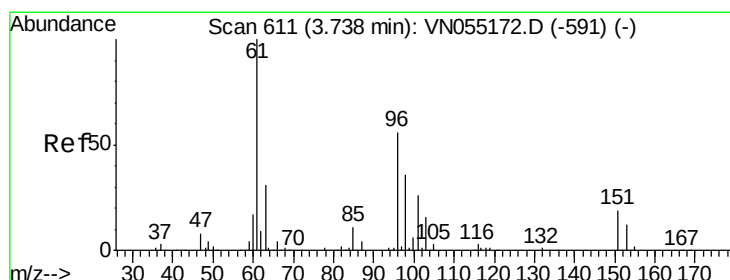
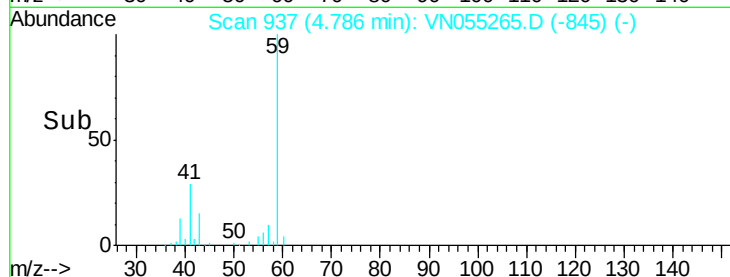
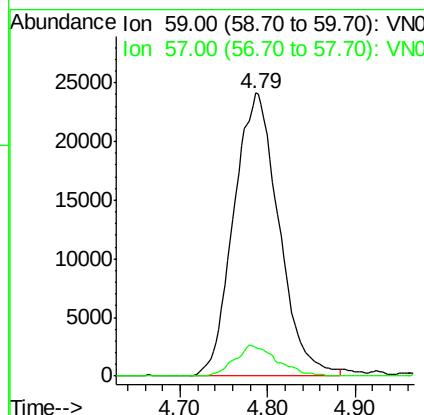
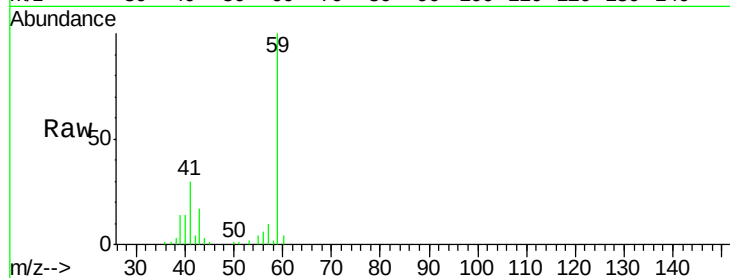


#11

Tert butyl alcohol
 Concen: 255.696 ug/l
 RT: 4.79 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: VN055265.D
 Acq: 26 Apr 2019 10:07

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

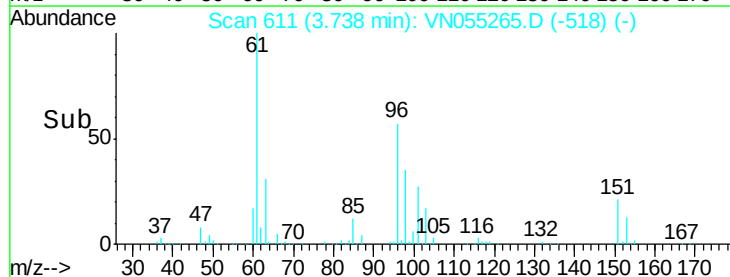
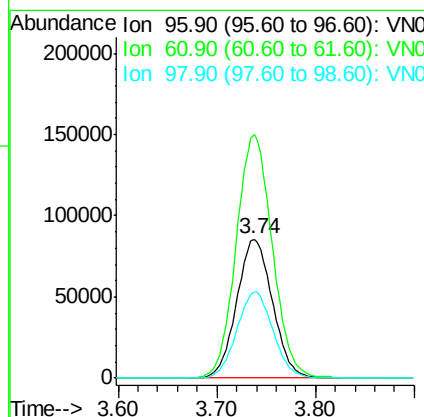
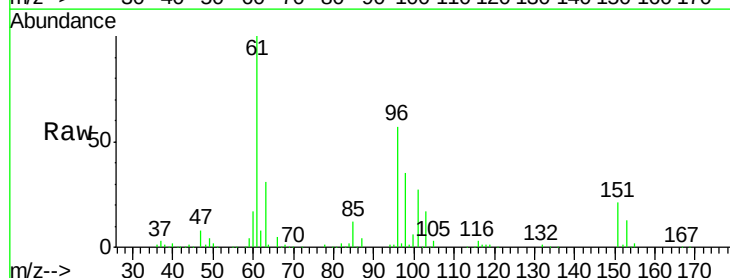
Tot Ion: 59 Resp: 86529
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.8 13.2

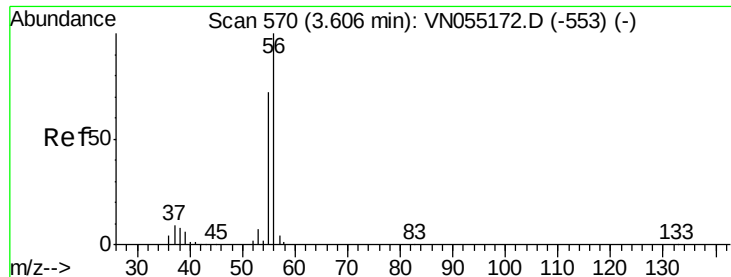


#12

1,1-Dichloroethene
 Concen: 48.962 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VN055265.D
 Acq: 26 Apr 2019 10:07

Tgt Ion: 96 Resp: 215723
 Ion Ratio Lower Upper
 96 100
 61 175.3 142.1 213.1
 98 62.0 51.2 76.8





#13

Acrolein

Concen: 360.589 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

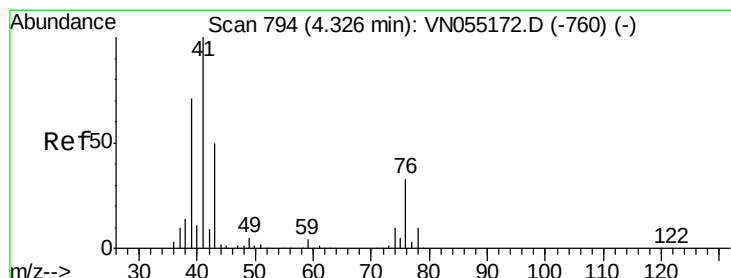
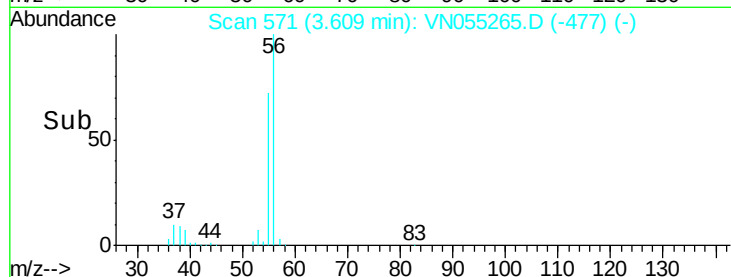
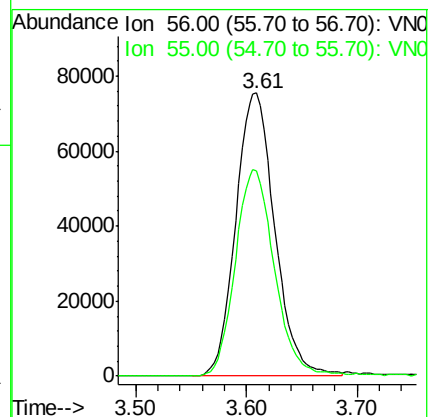
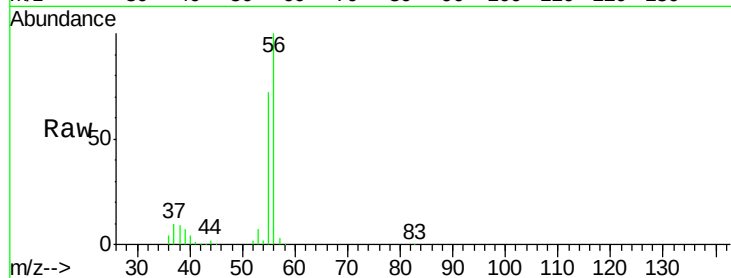
VSTDCCC050

Tot Ion: 56 Resp: 185139

Ion Ratio Lower Upper

56 100

55 73.2 57.4 86.0



#14

Allyl chloride

Concen: 50.765 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

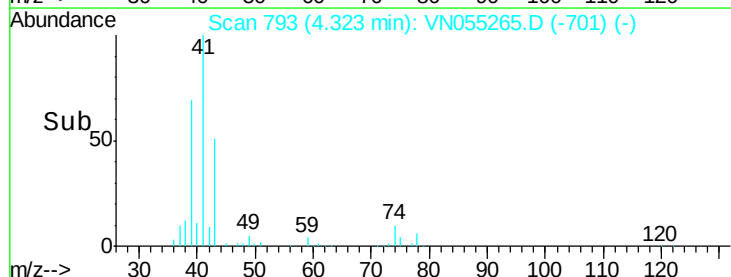
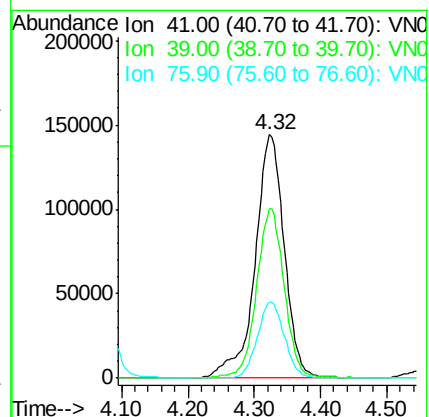
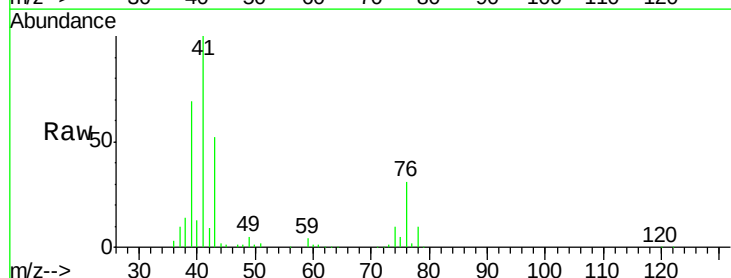
Tgt Ion: 41 Resp: 442172

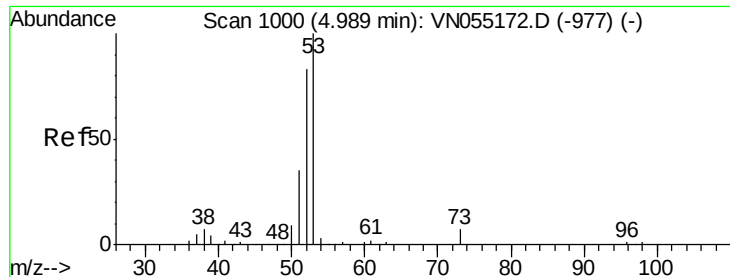
Ion Ratio Lower Upper

41 100

39 66.1 52.9 79.3

76 28.6 23.6 35.4





#15

Acrylonitrile

Concen: 248.020 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

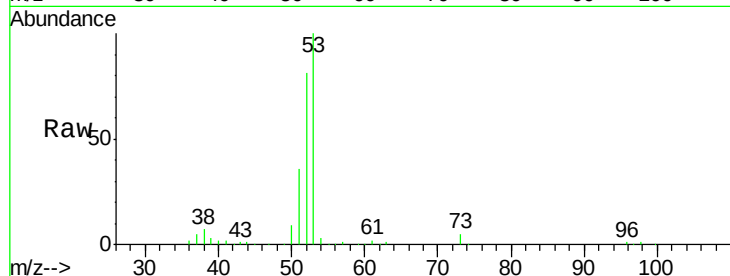
Tot Ion: 53 Resp: 460303

Ion Ratio Lower Upper

53 100

52 82.4 65.8 98.8

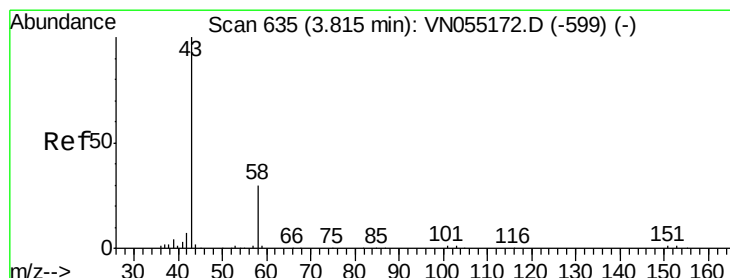
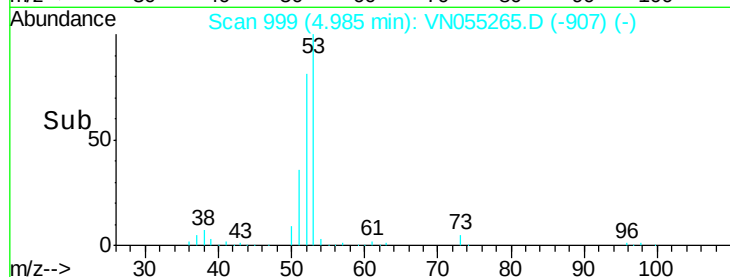
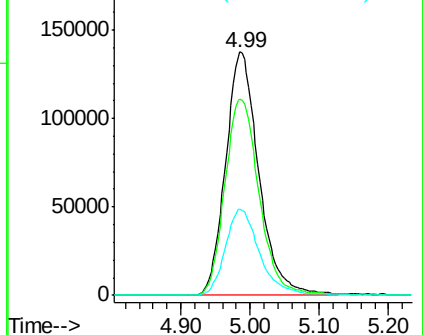
51 36.7 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN055172.D (-977) (-)

Ion 52.00 (51.70 to 52.70): VN055172.D (-977) (-)

Ion 51.00 (50.70 to 51.70): VN055172.D (-977) (-)



#16

Acetone

Concen: 243.103 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN055265.D

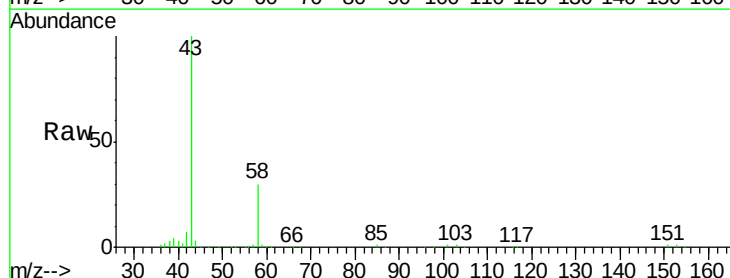
Acq: 26 Apr 2019 10:07

Tgt Ion: 43 Resp: 465834

Ion Ratio Lower Upper

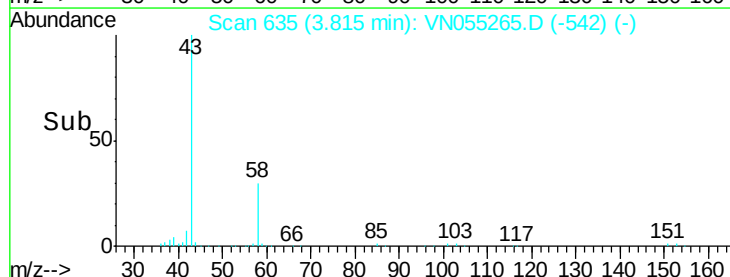
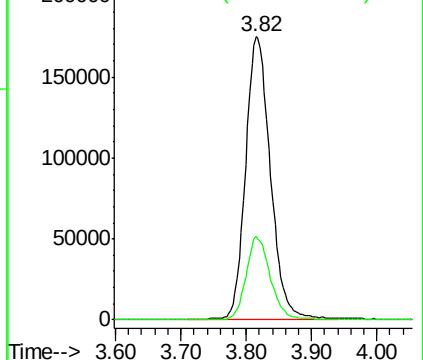
43 100

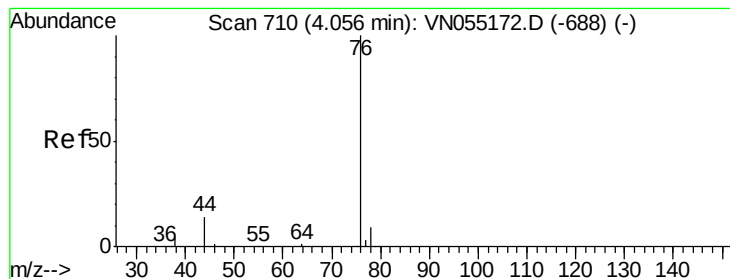
58 29.5 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN055172.D (-599) (-)





#17

Carbon Disulfide

Concen: 48.243 ug/l

RT: 4.05 min Scan# 709

Delta R.T. -0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

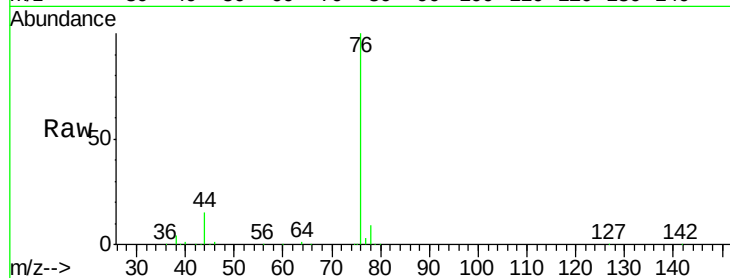
VSTDCCC050

Tot Ion: 76 Resp: 594234

Ion Ratio Lower Upper

76 100

78 8.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN055172.D (-688) (-)

Ion 77.90 (77.60 to 78.60): VN055172.D (-688) (-)

4.05

250000

200000

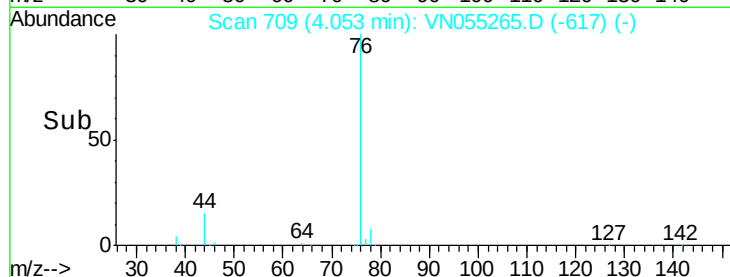
150000

100000

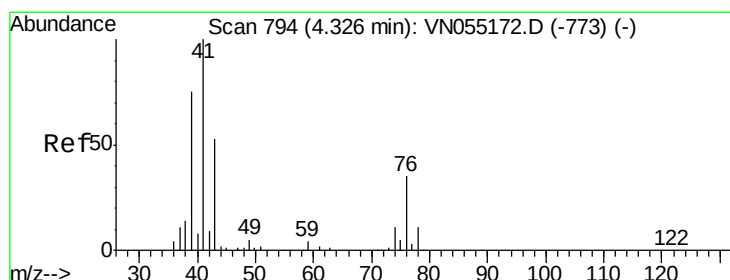
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 51.982 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055265.D

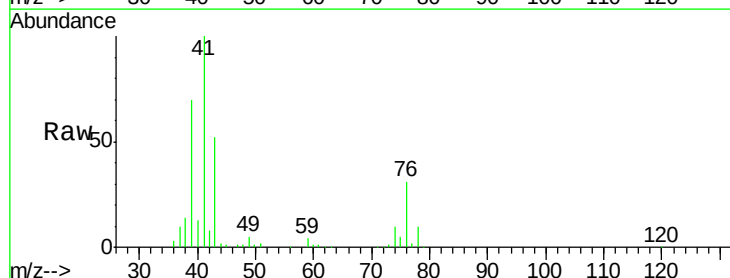
Acq: 26 Apr 2019 10:07

Tgt Ion: 43 Resp: 213856

Ion Ratio Lower Upper

43 100

74 19.8 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-773) (-)

Ion 74.00 (73.70 to 74.70): VN055172.D (-773) (-)

4.33

80000

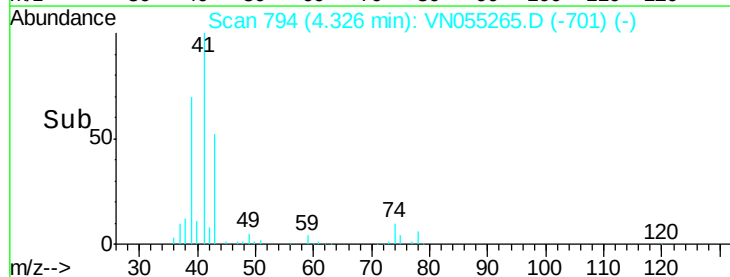
60000

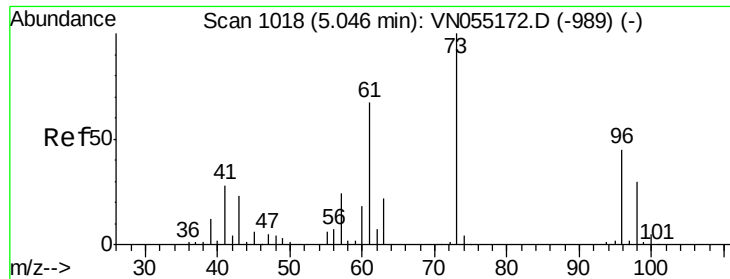
40000

20000

0

Time-->

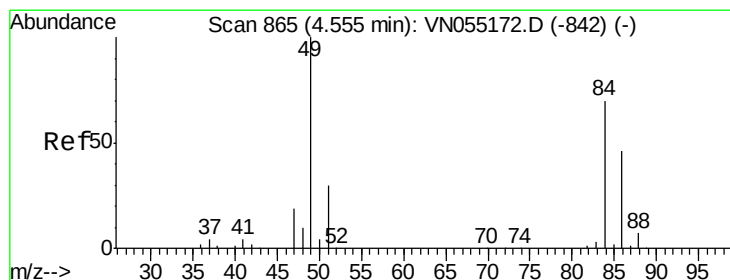
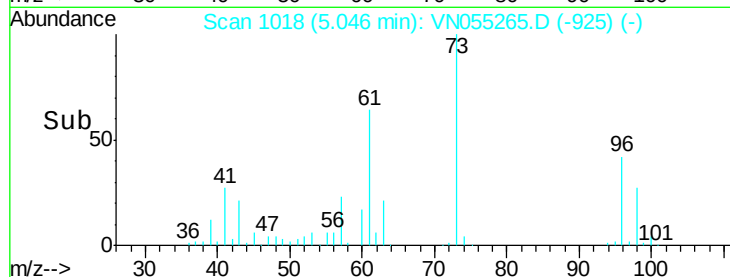
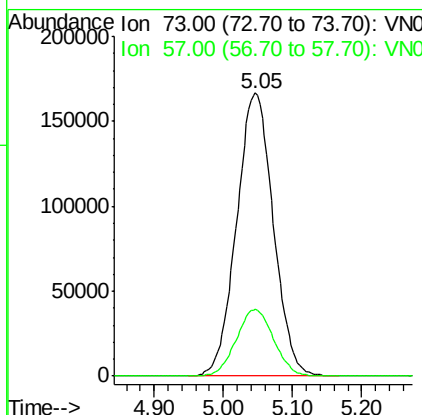
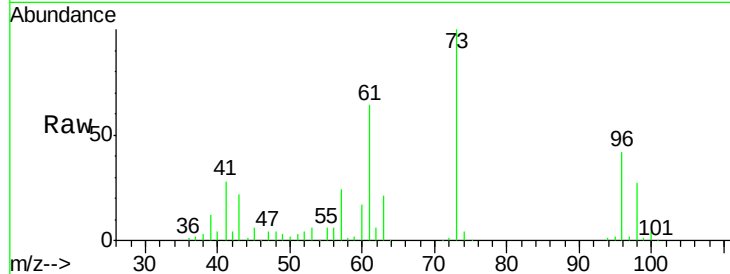




#19
Methvl tert-butvl Ether
Concen: 50.408 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055265.D
Acq: 26 Apr 2019 10:07

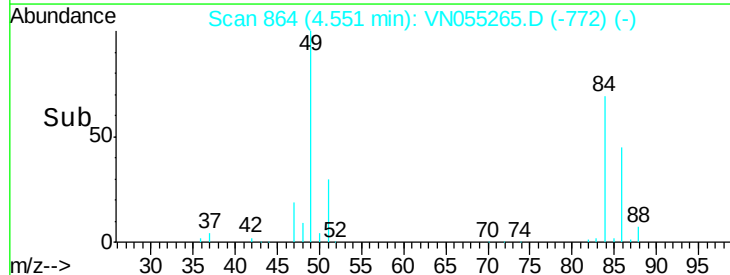
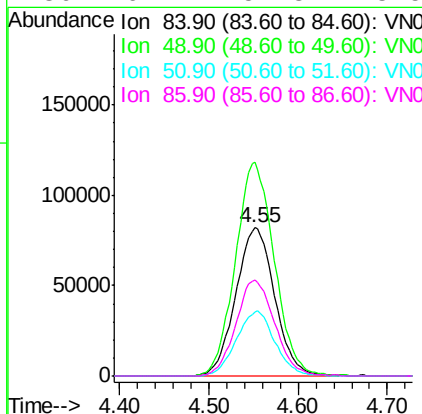
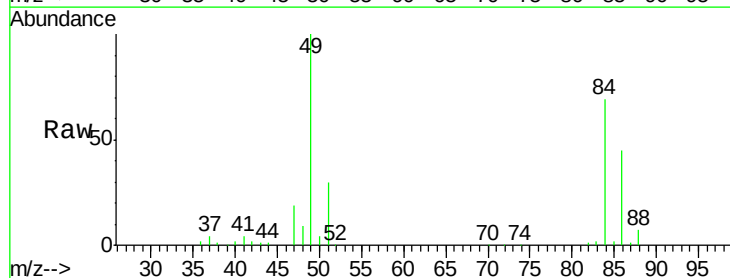
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

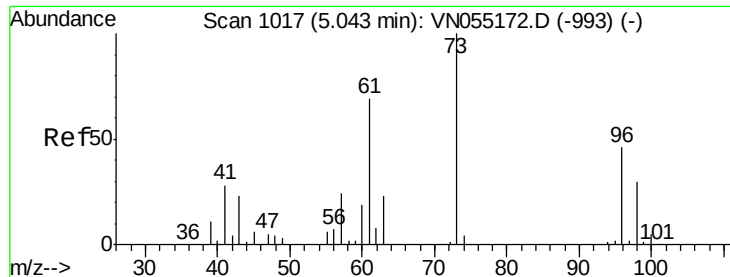
Tot Ion: 73 Resp: 614049
Ion Ratio Lower Upper
73 100
57 23.6 19.5 29.3



#20
Methylene Chloride
Concen: 45.247 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN055265.D
Acq: 26 Apr 2019 10:07

Tgt Ion: 84 Resp: 249254
Ion Ratio Lower Upper
84 100
49 143.9 113.8 170.6
51 43.3 34.0 51.0
86 64.7 52.3 78.5

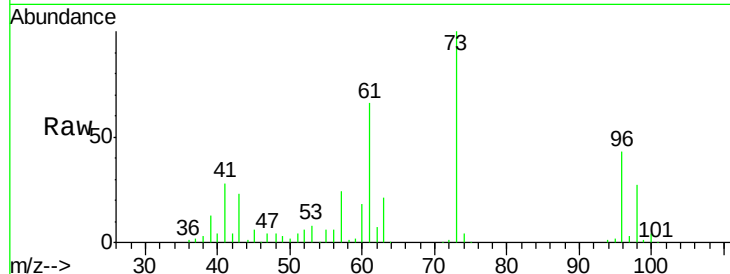




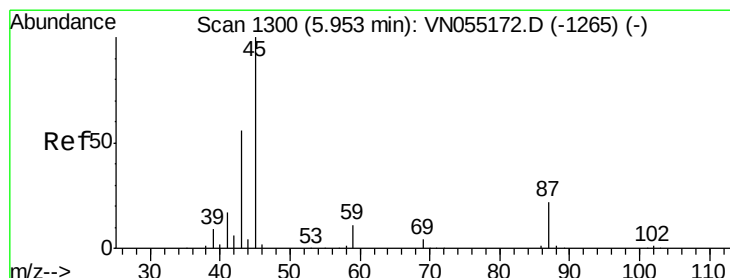
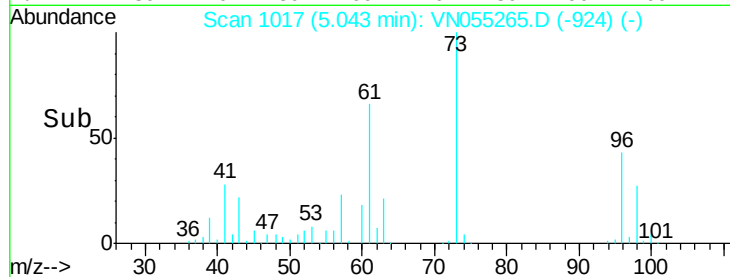
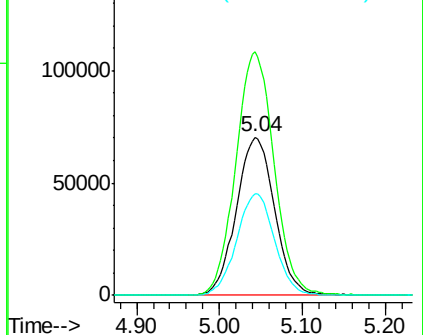
#21
trans-1,2-Dichloroethene
Concen: 48.863 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN055265.D
Acq: 26 Apr 2019 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 225754
Ion Ratio Lower Upper
96 100
61 154.2 119.3 178.9
98 64.4 53.0 79.4

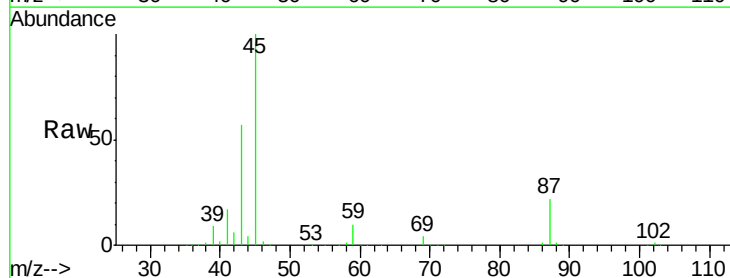


Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC

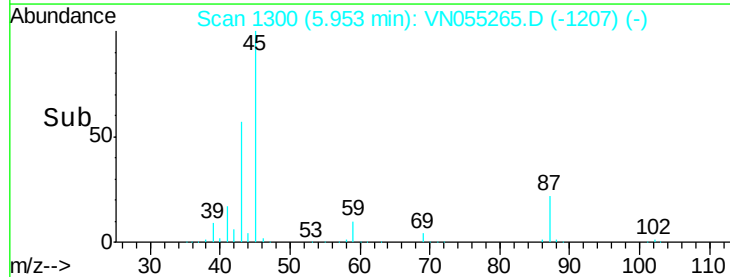
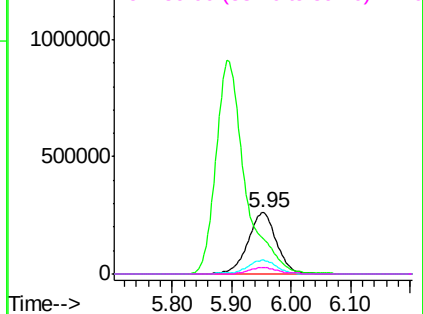


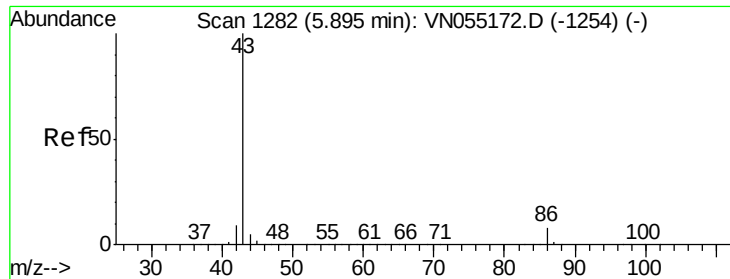
#22
Diisopropyl ether
Concen: 50.939 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN055265.D
Acq: 26 Apr 2019 10:07

Tgt Ion: 45 Resp: 884400
Ion Ratio Lower Upper
45 100
43 56.5 47.4 71.0
87 22.1 18.4 27.6
59 10.1 8.6 12.8



Abundance Ion 45.00 (44.70 to 45.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 87.00 (86.70 to 87.70): VNC
Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 264.107 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

Instrument :

MSVOA_N

ClientSampled :

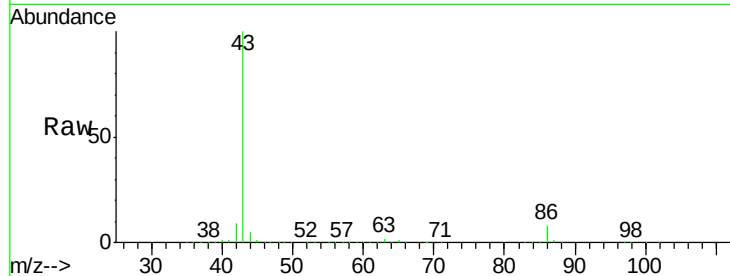
VSTDCCC050

Tot Ion: 43 Resp: 3081357

Ion Ratio Lower Upper

43 100

86 8.3 6.8 10.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.89

1000000

800000

600000

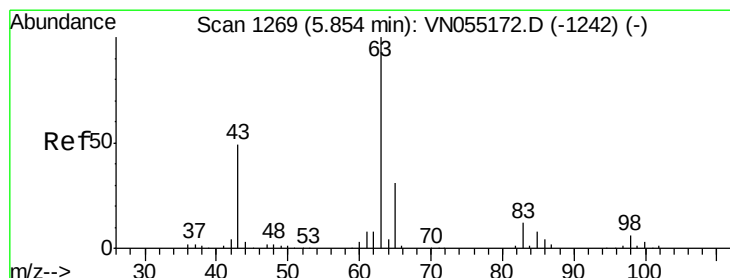
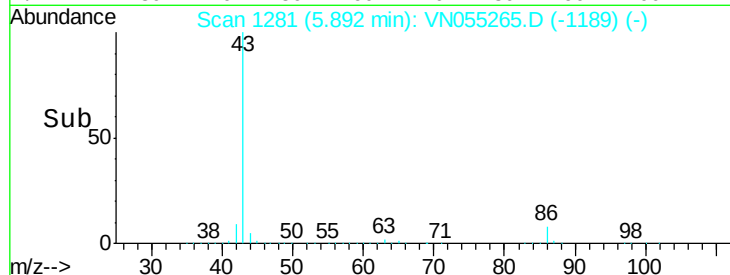
400000

200000

0

Time-->

5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 48.868 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

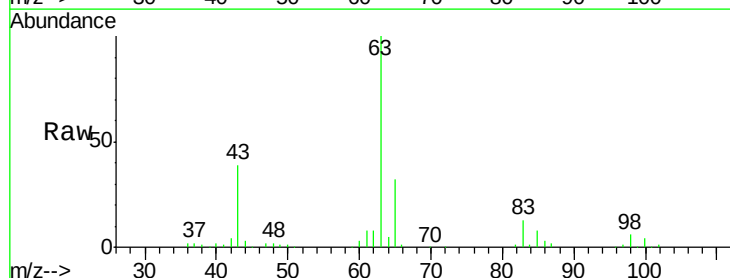
Tgt Ion: 63 Resp: 456367

Ion Ratio Lower Upper

63 100

98 6.2 3.1 9.3

100 3.7 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.85

150000

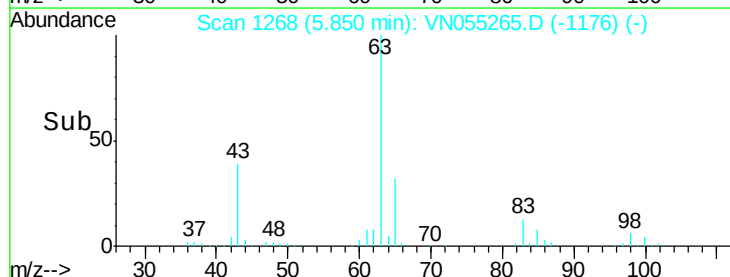
100000

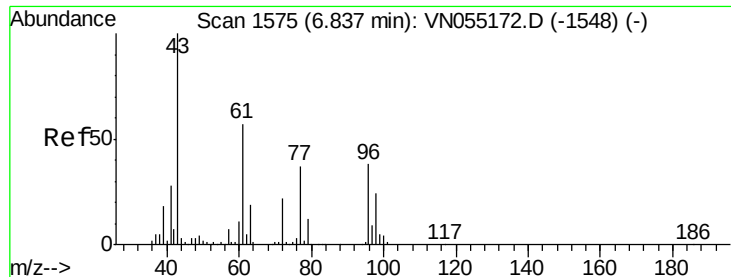
50000

0

Time-->

5.70 5.80 5.90 6.00

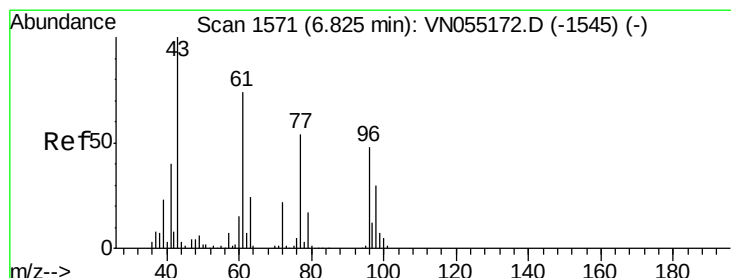
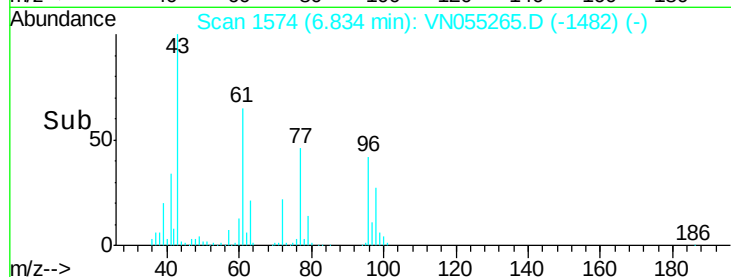
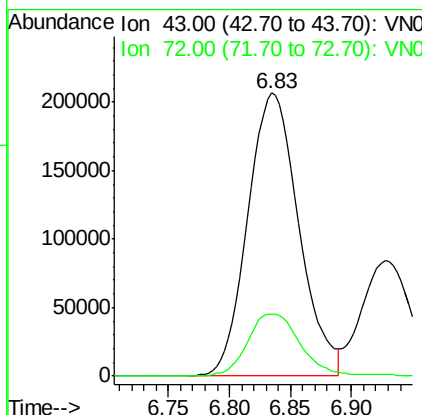
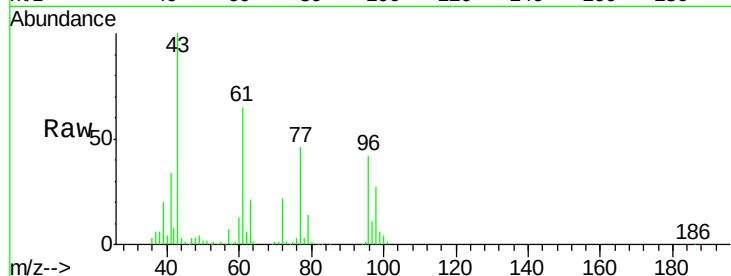




#25
2-Butanone
Concen: 242.019 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN055265.D
Acq: 26 Apr 2019 10:07

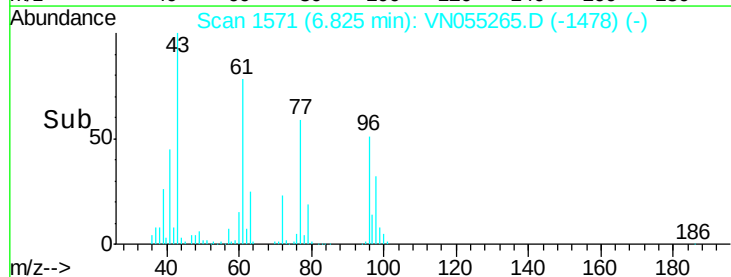
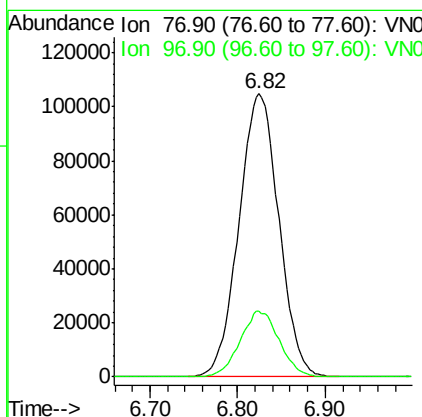
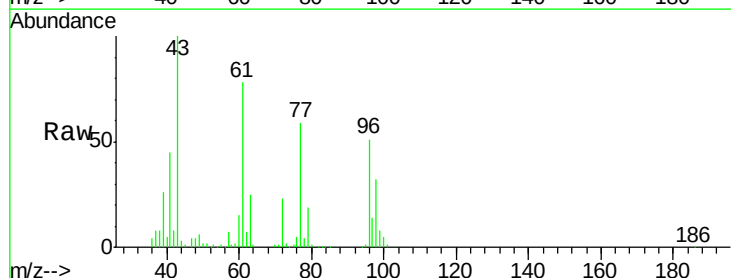
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

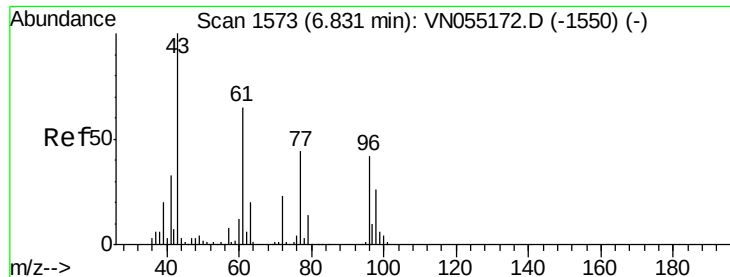
Tot Ion: 43 Resp: 598727
Ion Ratio Lower Upper
43 100
72 22.1 17.8 26.8



#26
2,2-Dichloropropane
Concen: 52.438 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN055265.D
Acq: 26 Apr 2019 10:07

Tgt Ion: 77 Resp: 331385
Ion Ratio Lower Upper
77 100
97 22.8 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 49.349 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

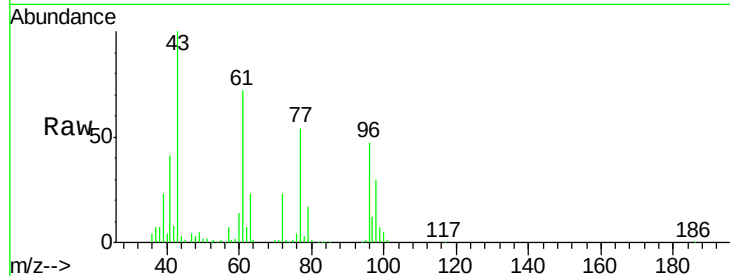
Tot Ion: 96 Resp: 262826

Ion Ratio Lower Upper

96 100

61 158.2 0.0 310.8

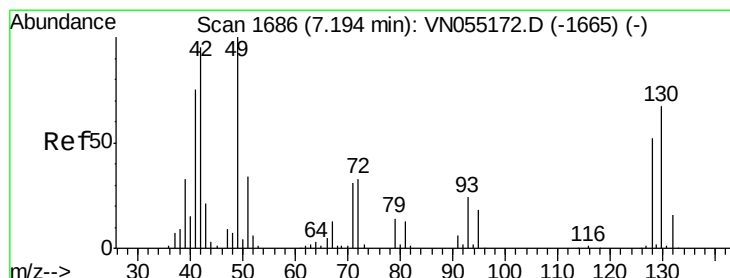
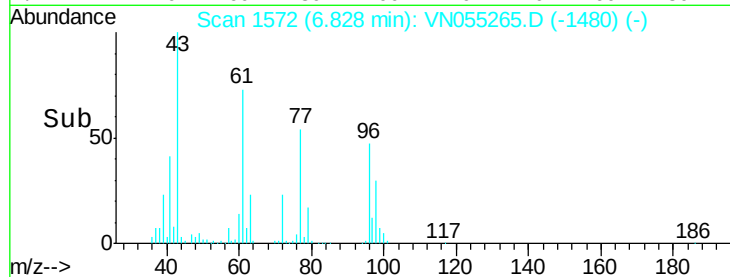
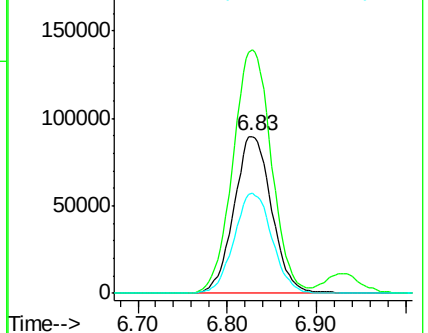
98 64.3 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VN055172.D (-1550) (-)

Ion 60.90 (60.60 to 61.60): VN055172.D (-1550) (-)

Ion 97.90 (97.60 to 98.60): VN055172.D (-1550) (-)



#28

Bromochloromethane

Concen: 48.804 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

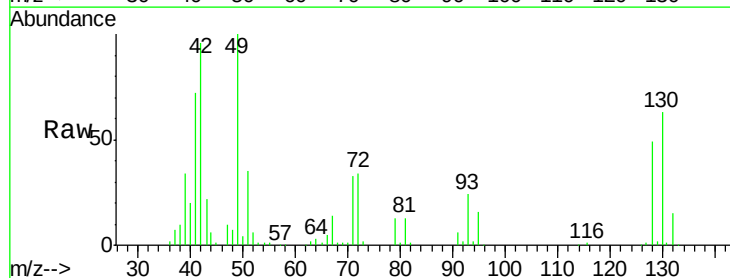
Tgt Ion: 49 Resp: 232326

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

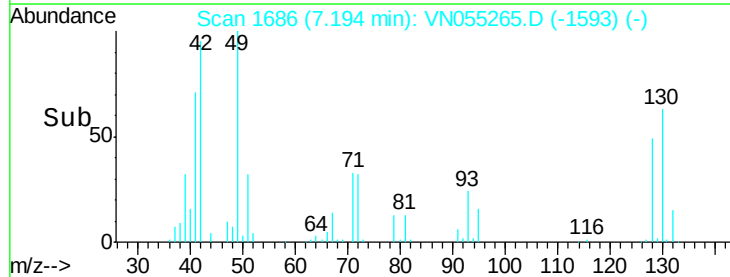
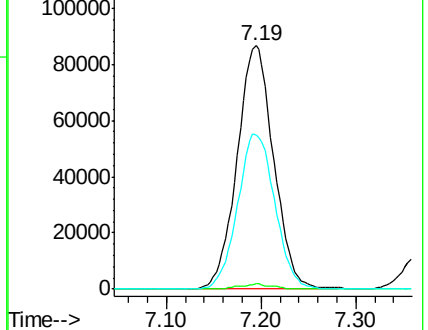
130 65.1 53.4 80.2

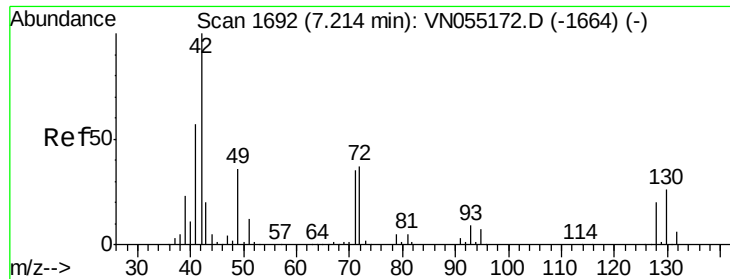


Abundance Ion 48.90 (48.60 to 49.60): VN055172.D (-1665) (-)

Ion 128.80 (128.50 to 129.50): VN055172.D (-1665) (-)

Ion 129.80 (129.50 to 130.50): VN055172.D (-1665) (-)

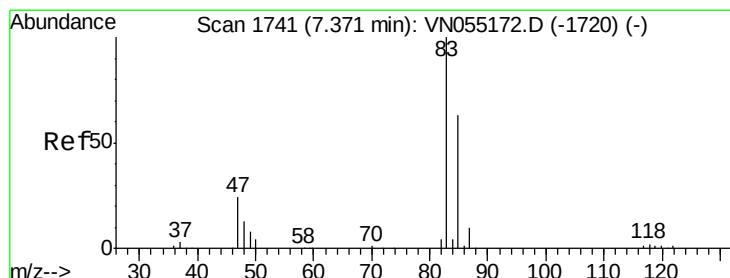
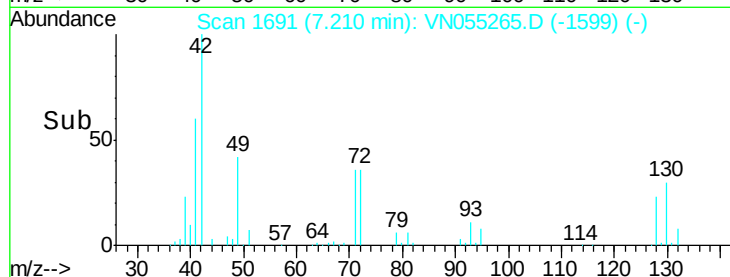
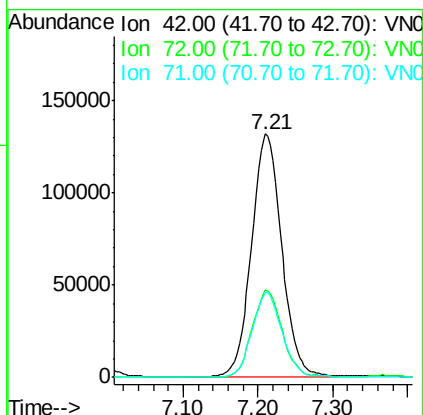
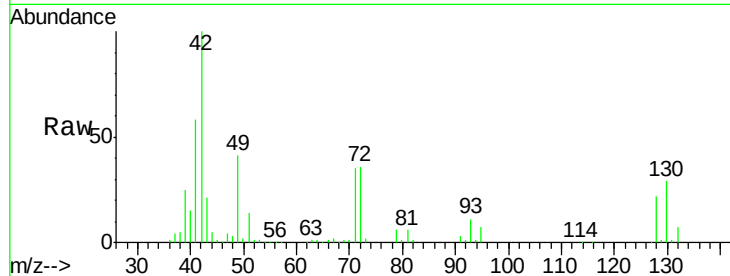




#29
Tetrahydrofuran
Concen: 243.966 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN055265.D
Acq: 26 Apr 2019 10:07

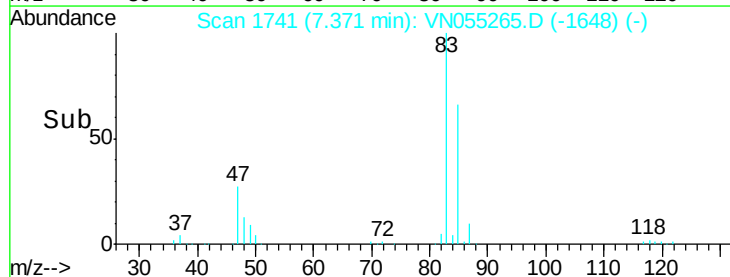
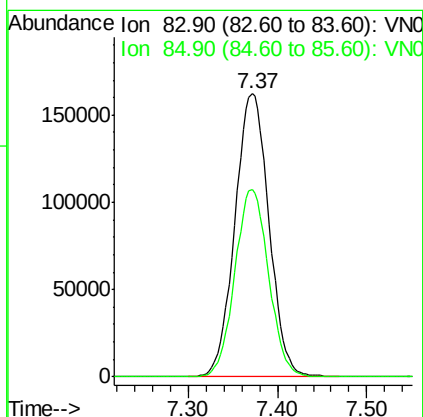
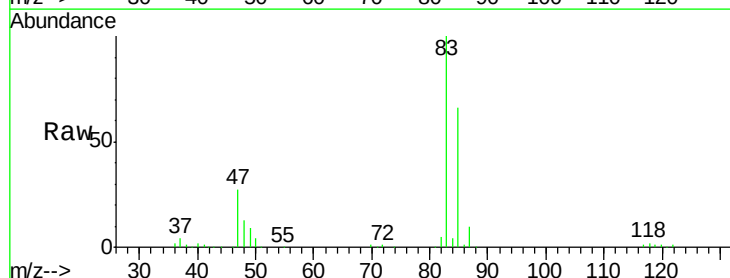
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

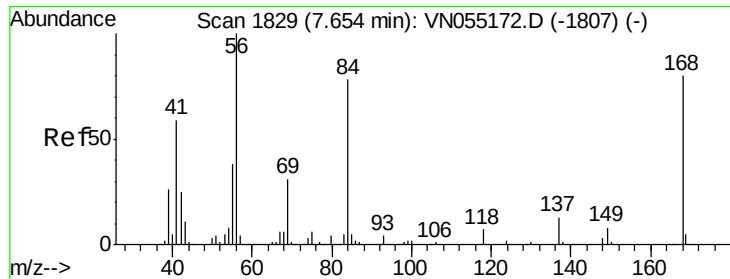
Tot Ion: 42 Resp: 371085
Ion Ratio Lower Upper
42 100
72 35.8 29.4 44.2
71 34.7 27.8 41.8



#30
Chloroform
Concen: 48.317 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055265.D
Acq: 26 Apr 2019 10:07

Tgt Ion: 83 Resp: 429204
Ion Ratio Lower Upper
83 100
85 66.2 50.6 76.0

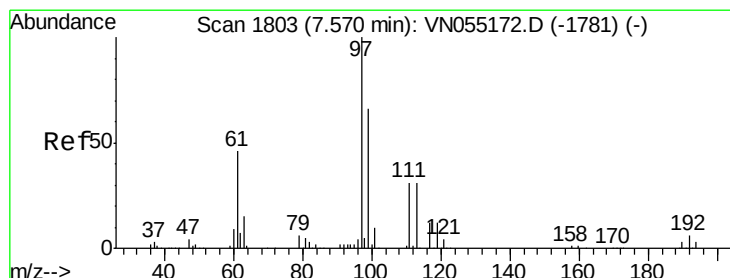
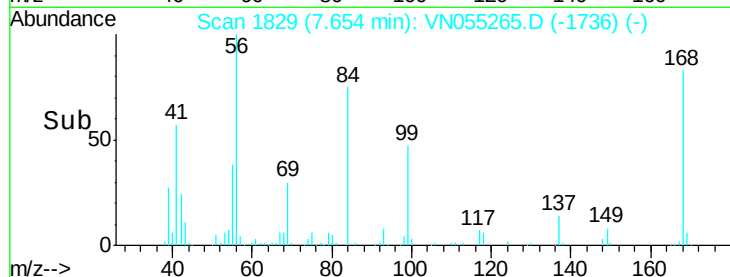
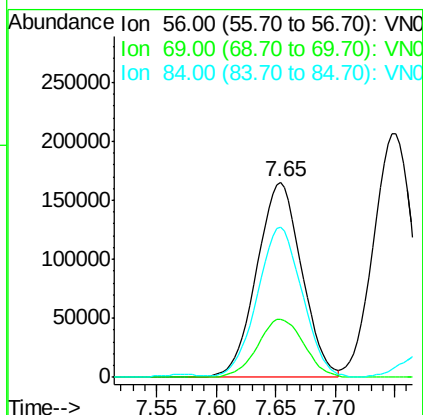
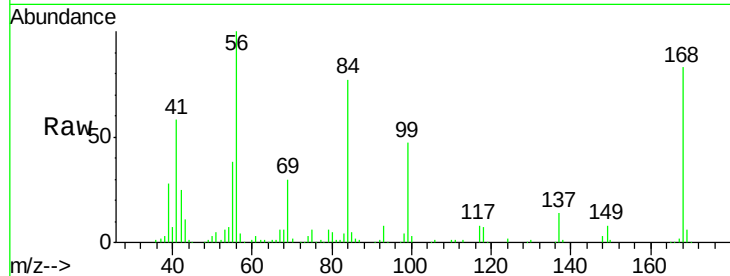




#31
Cyclohexane
Concen: 49.492 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN055265.D
Acq: 26 Apr 2019 10:07

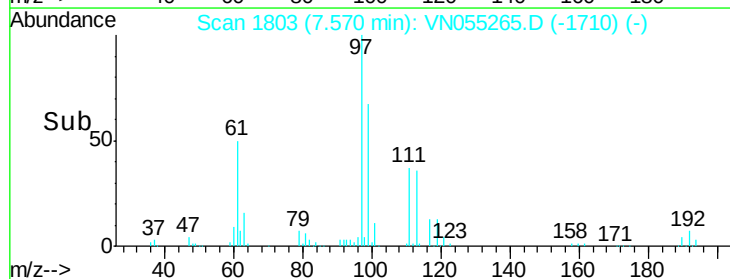
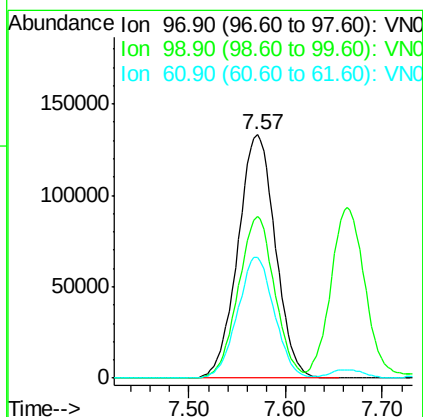
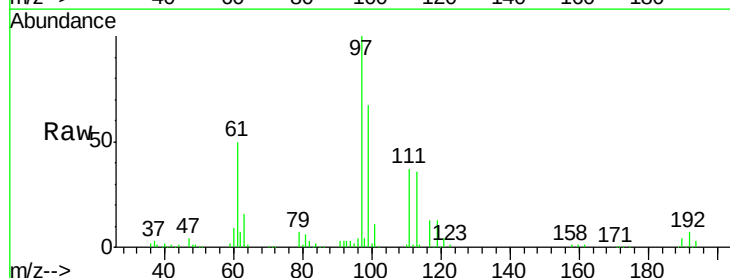
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

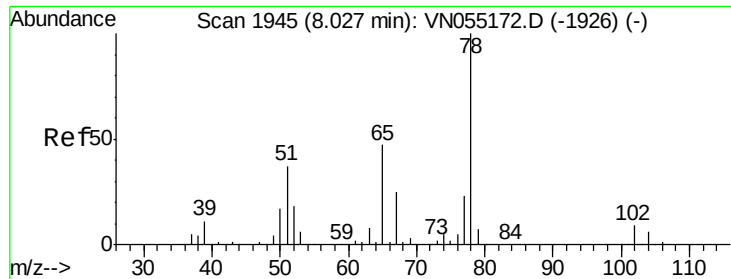
Tot Ion: 56 Resp: 432819
Ion Ratio Lower Upper
56 100
69 30.0 24.6 37.0
84 75.9 61.4 92.2



#32
1,1,1-Trichloroethane
Concen: 50.208 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN055265.D
Acq: 26 Apr 2019 10:07

Tgt Ion: 97 Resp: 358316
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 48.7 38.3 57.5

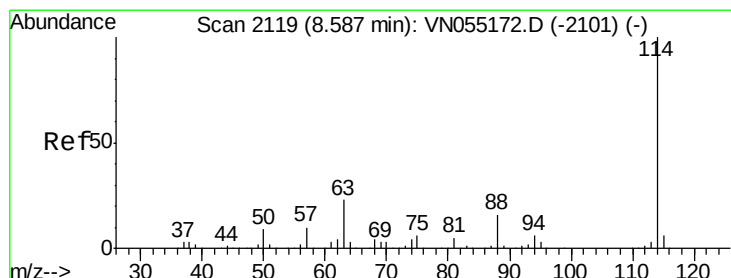
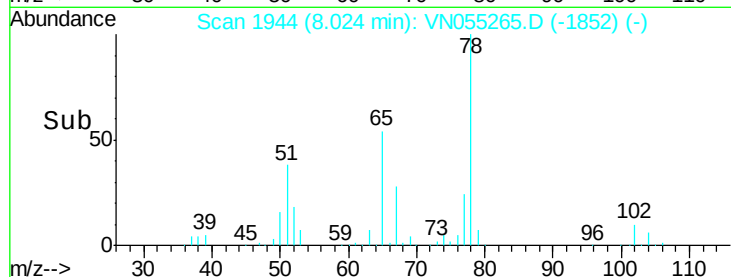
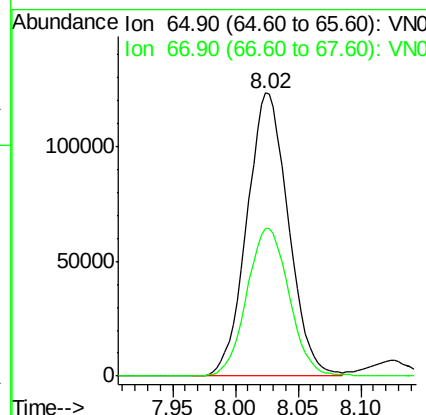
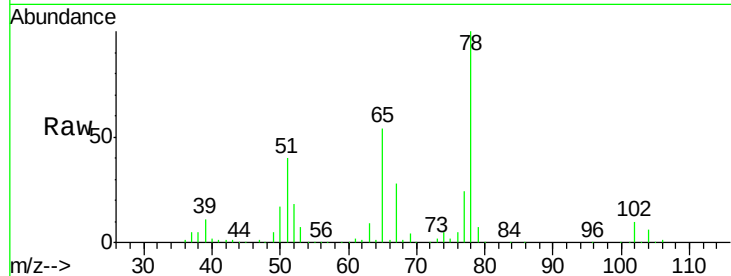




#33
 1,2-Dichloroethane-d4
 Concen: 49.072 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN055265.D
 Acq: 26 Apr 2019 10:07

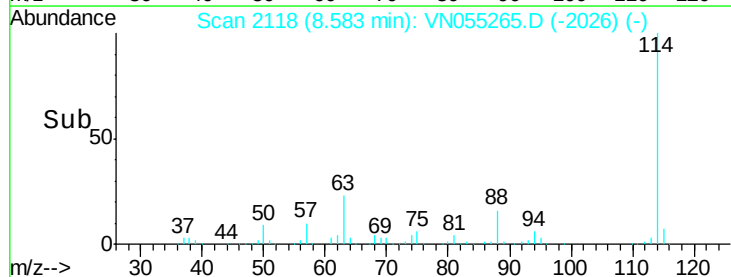
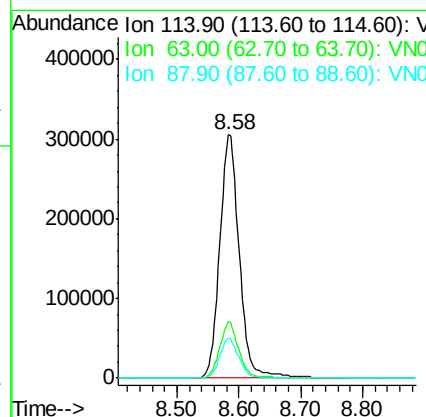
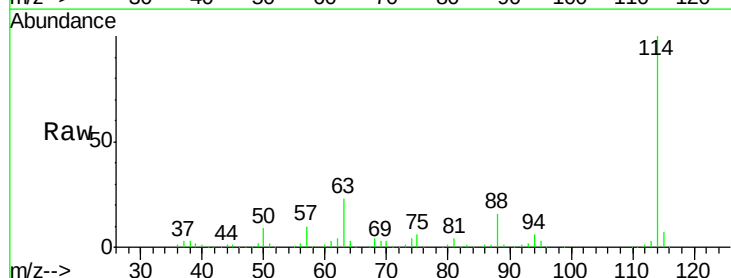
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

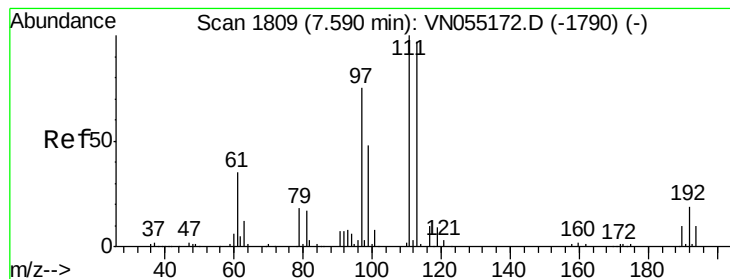
Tot Ion: 65 Resp: 284442
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055265.D
 Acq: 26 Apr 2019 10:07

Tgt Ion: 114 Resp: 671195
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.2
 88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.661 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

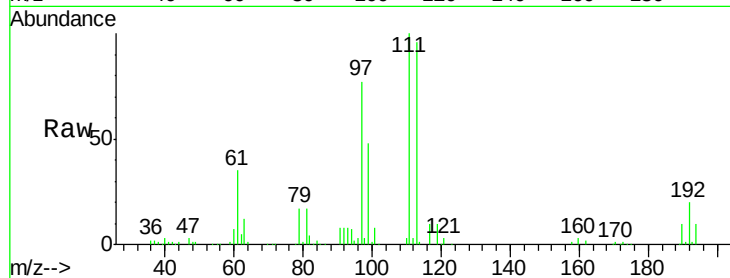
Tot Ion:113 Resp: 226443

Ion Ratio Lower Upper

113 100

111 103.7 81.0 121.4

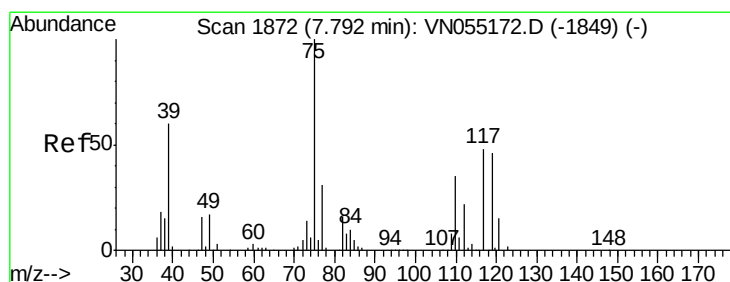
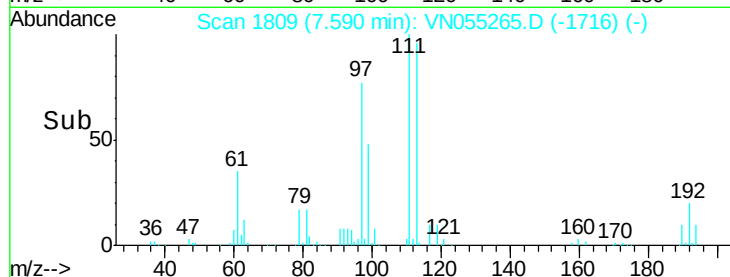
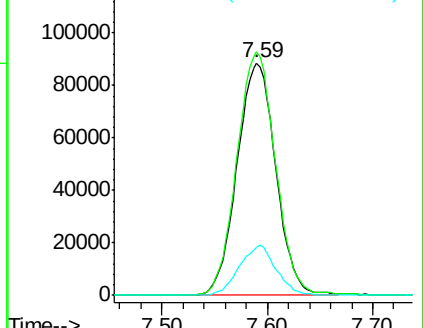
192 20.4 16.2 24.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.279 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

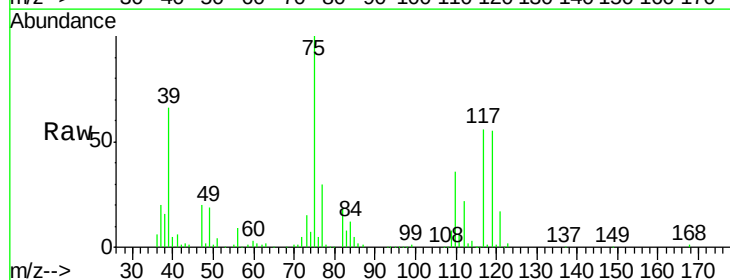
Tgt Ion: 75 Resp: 325684

Ion Ratio Lower Upper

75 100

110 35.1 17.1 51.2

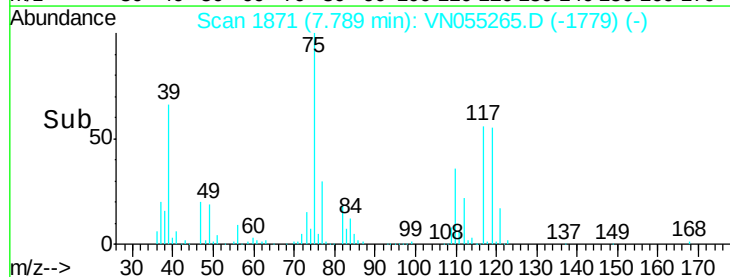
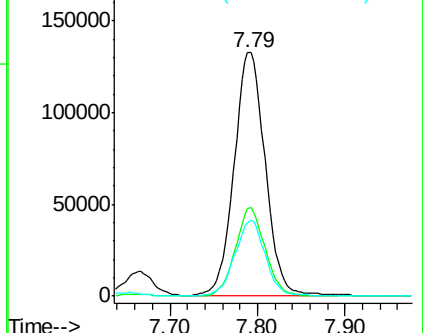
77 30.5 24.6 36.8

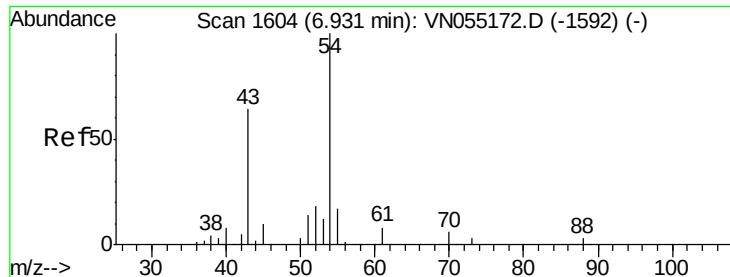


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

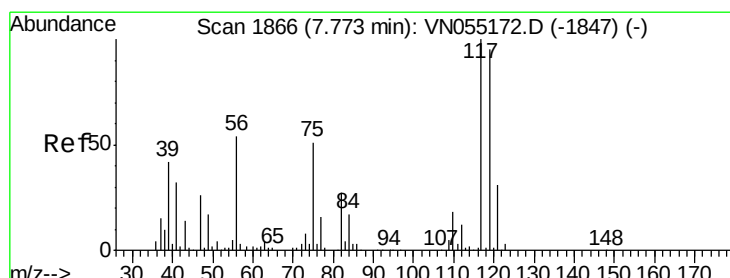
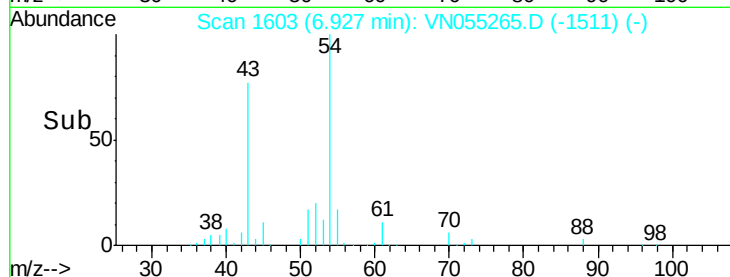
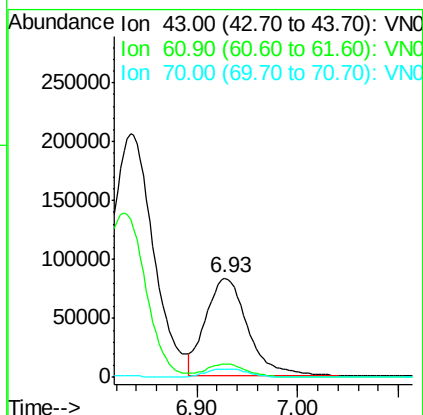
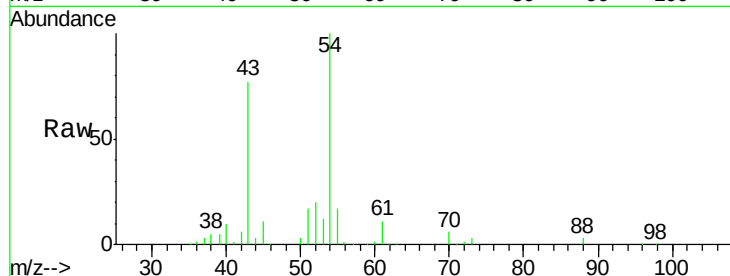




#37
Ethyl Acetate
Concen: 48.109 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN055265.D
Acq: 26 Apr 2019 10:07

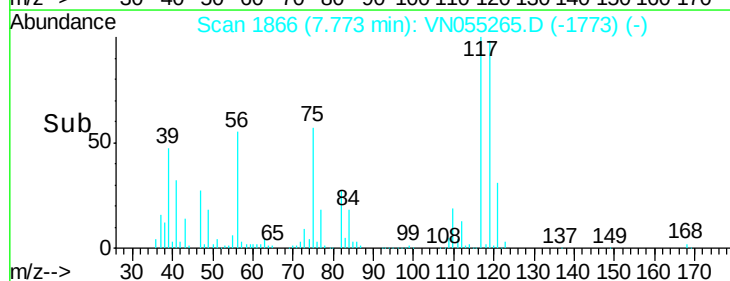
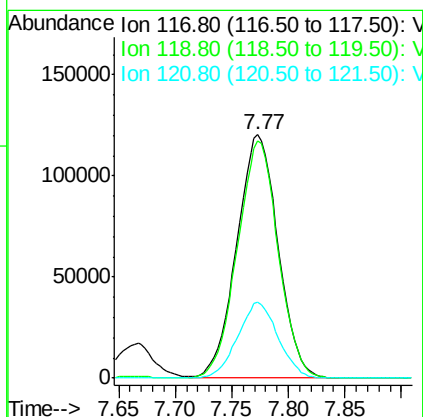
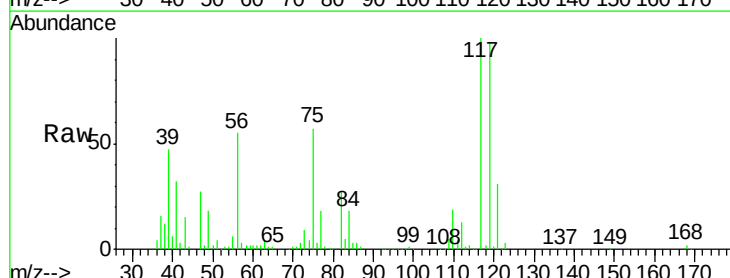
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

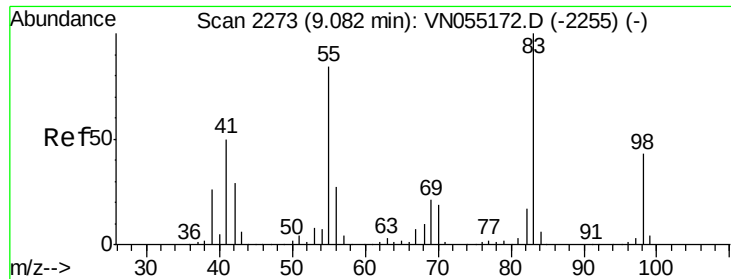
Tot Ion: 43 Resp: 241871
Ion Ratio Lower Upper
43 100
61 13.8 9.7 14.5
70 3.5 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 52.254 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN055265.D
Acq: 26 Apr 2019 10:07

Tgt Ion: 117 Resp: 304837
Ion Ratio Lower Upper
117 100
119 97.8 76.0 114.0
121 31.3 24.6 36.8

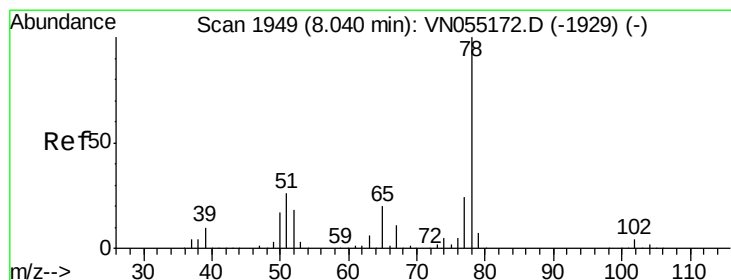
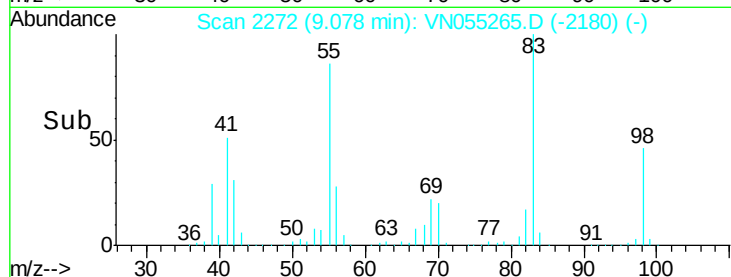
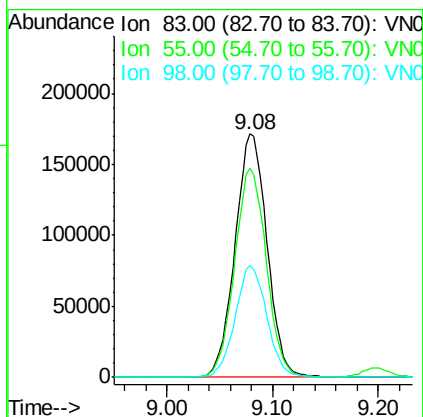
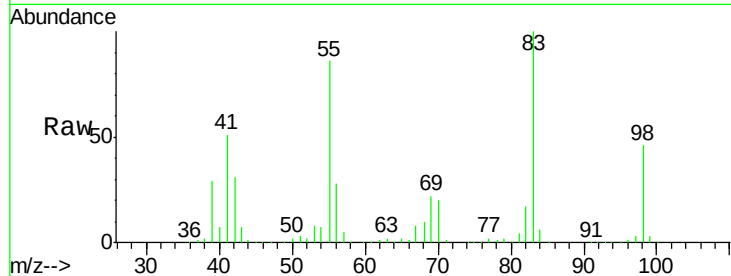




#39
Methylvlcyclohexane
Concen: 48.635 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN055265.D
Acq: 26 Apr 2019 10:07

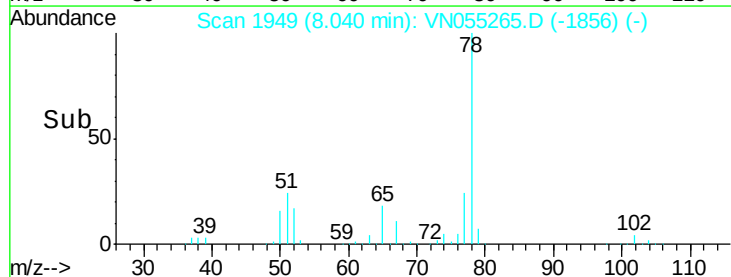
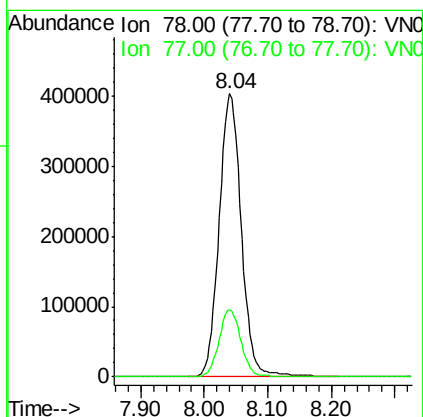
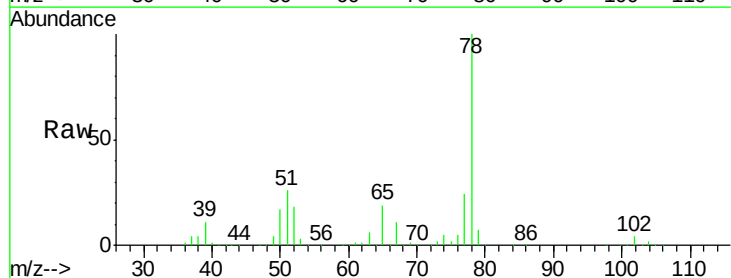
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

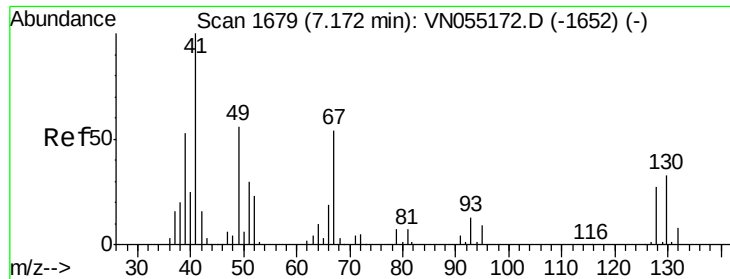
Tot Ion: 83 Resp: 361456
Ion Ratio Lower Upper
83 100
55 85.6 67.4 101.0
98 45.8 34.7 52.1



#40
Benzene
Concen: 50.747 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055265.D
Acq: 26 Apr 2019 10:07

Tgt Ion: 78 Resp: 975894
Ion Ratio Lower Upper
78 100
77 23.7 19.5 29.3

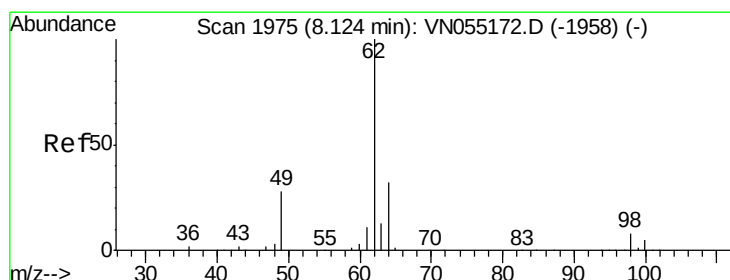
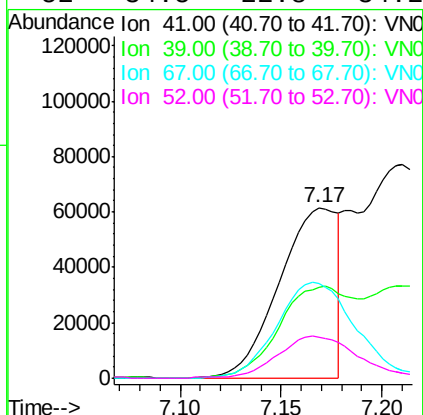
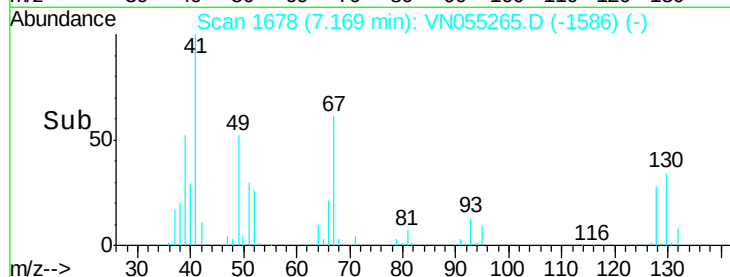
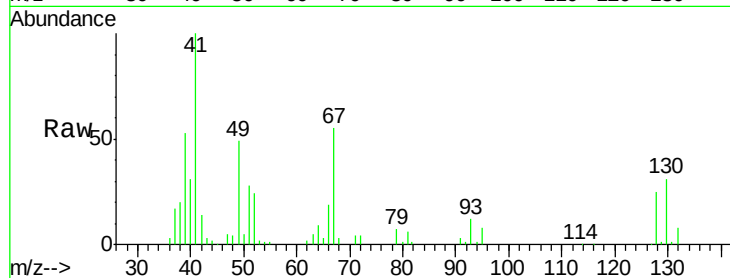




#41
Methacrylonitrile
Concen: 46.425 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN055265.D
Acq: 26 Apr 2019 10:07

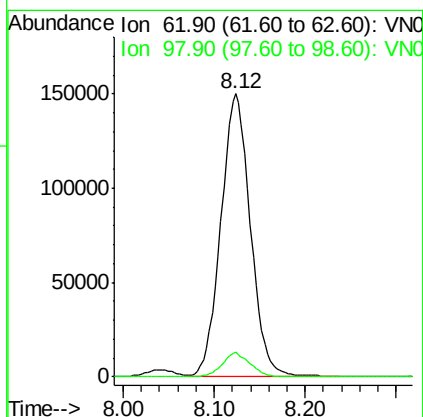
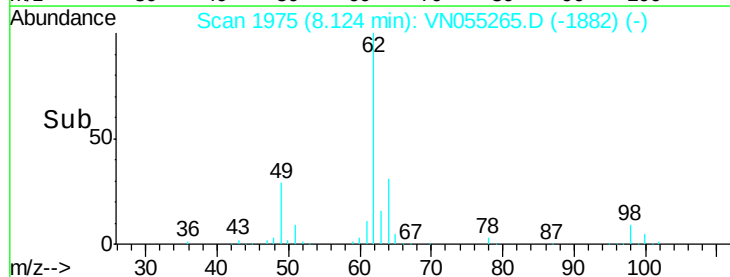
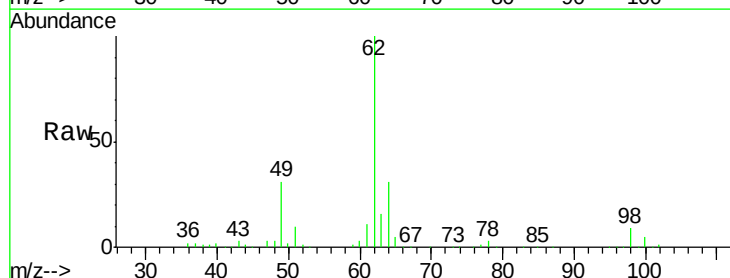
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

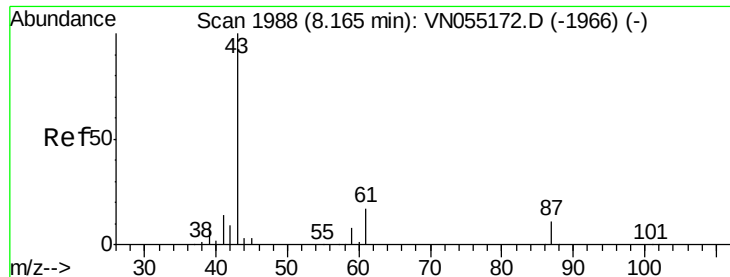
Tot Ion: 41 Resp: 122368
Ion Ratio Lower Upper
41 100
39 72.7 45.4 68.0#
67 77.3 54.6 81.8
52 34.5 22.8 34.2#



#42
1,2-Dichloroethane
Concen: 50.281 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055265.D
Acq: 26 Apr 2019 10:07

Tgt Ion: 62 Resp: 337337
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.0





#43

Isopropyl Acetate

Concen: 52.062 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

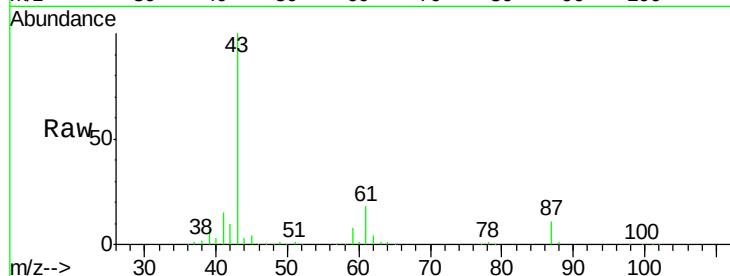
Tot Ion: 43 Resp: 423855

Ion Ratio Lower Upper

43 100

61 25.6 20.6 30.8

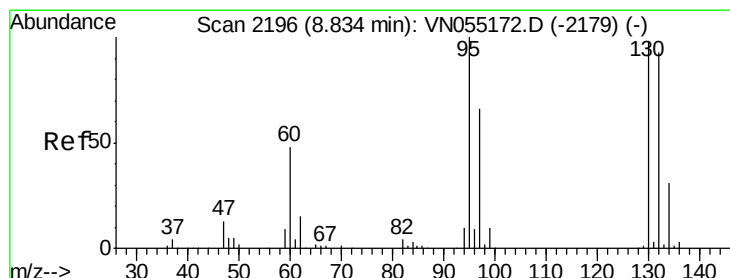
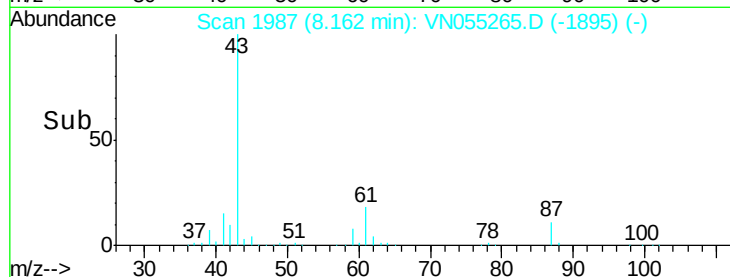
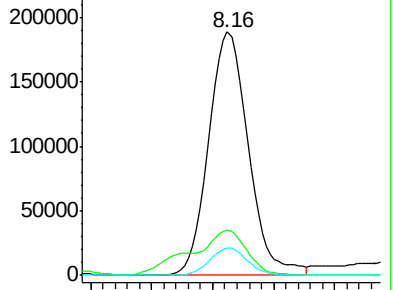
87 10.7 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN055172.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN055172.D (-1966) (-)



#44

Trichloroethene

Concen: 50.771 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055265.D

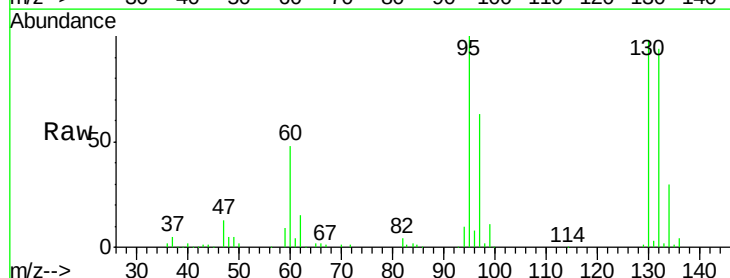
Acq: 26 Apr 2019 10:07

Tgt Ion:130 Resp: 246777

Ion Ratio Lower Upper

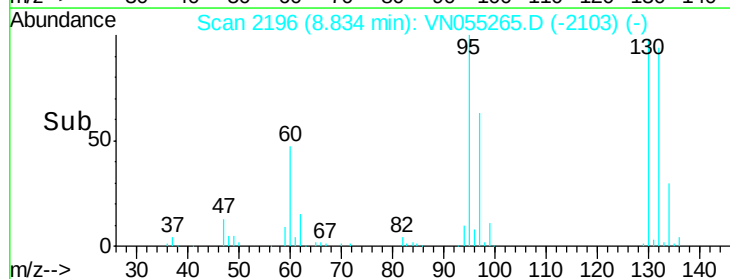
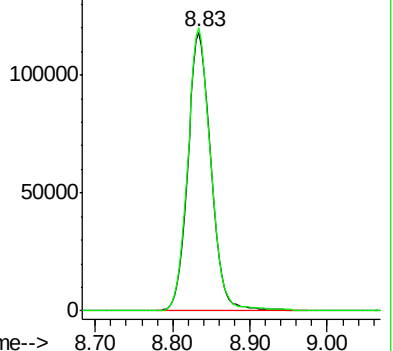
130 100

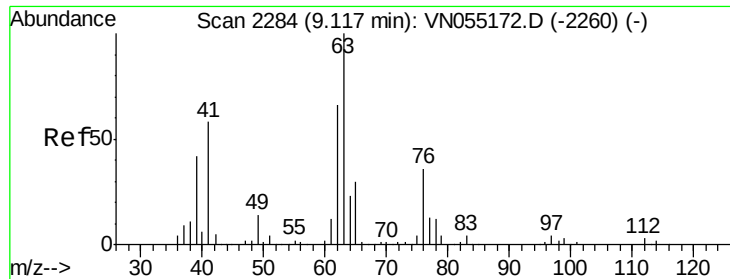
95 101.7 0.0 203.6



Abundance Ion 129.80 (129.50 to 130.50): VN055172.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055172.D (-2179) (-)

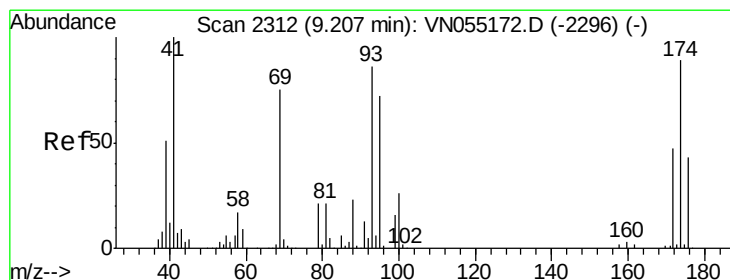
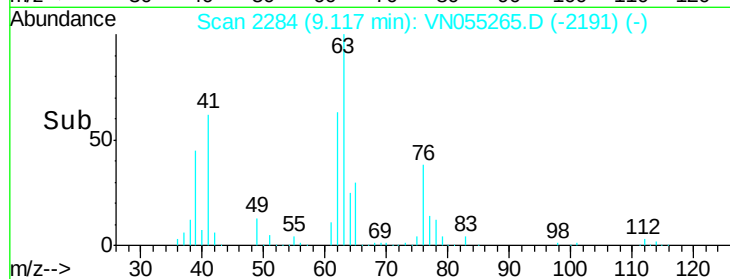
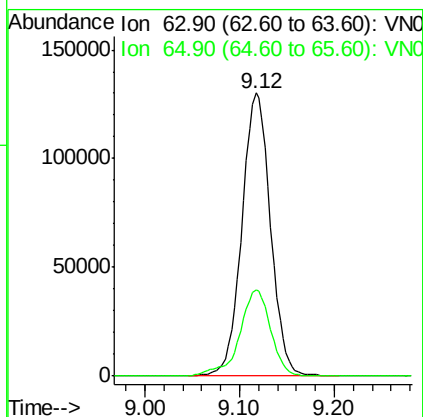
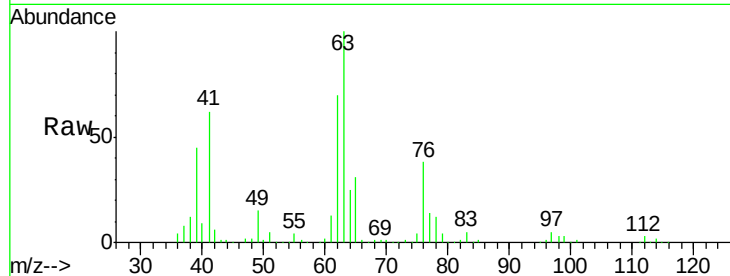




#45
 1,2-Dichloropropane
 Concen: 50.429 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN055265.D
 Acq: 26 Apr 2019 10:07

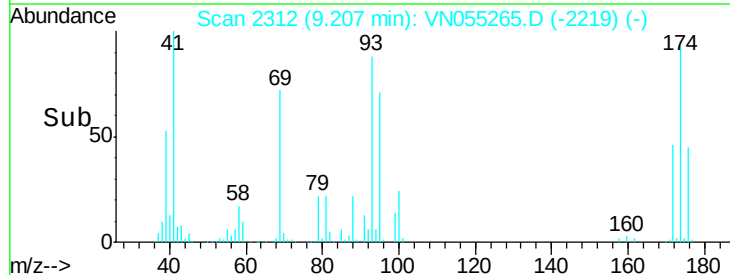
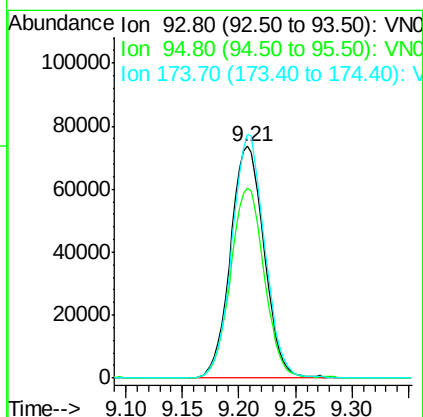
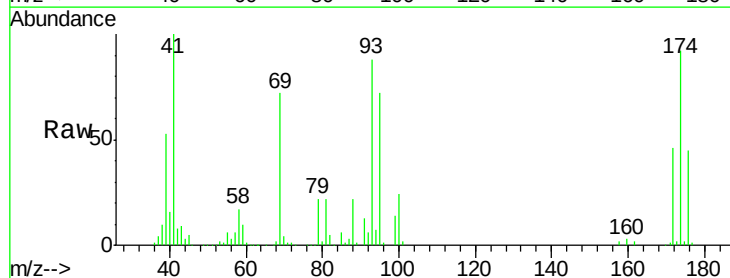
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

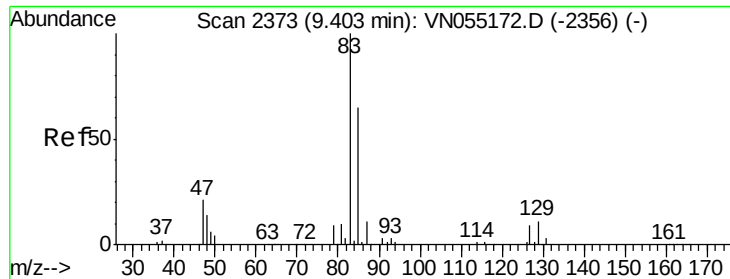
Tot Ion: 63 Resp: 273750
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.8 35.6



#46
 Dibromomethane
 Concen: 49.241 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN055265.D
 Acq: 26 Apr 2019 10:07

Tgt Ion: 93 Resp: 153017
 Ion Ratio Lower Upper
 93 100
 95 81.7 67.6 101.4
 174 102.0 83.4 125.2





#47

Bromodichloromethane

Concen: 53.215 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

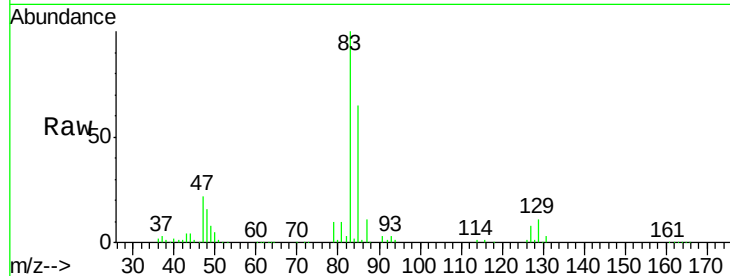
Tot Ion: 83 Resp: 331043

Ion Ratio Lower Upper

83 100

85 65.3 52.1 78.1

127 8.2 6.9 10.3

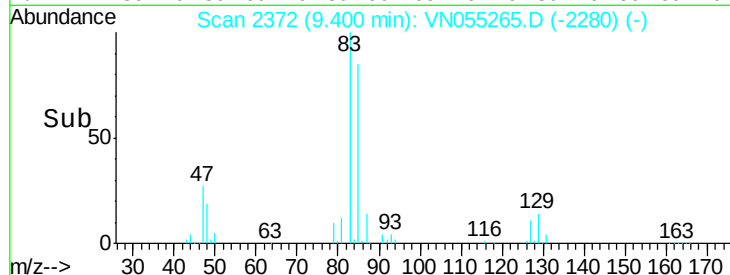


Abundance Ion 82.90 (82.60 to 83.60): VN055172.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN055172.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN055172.D (-2356) (-)

Time-->

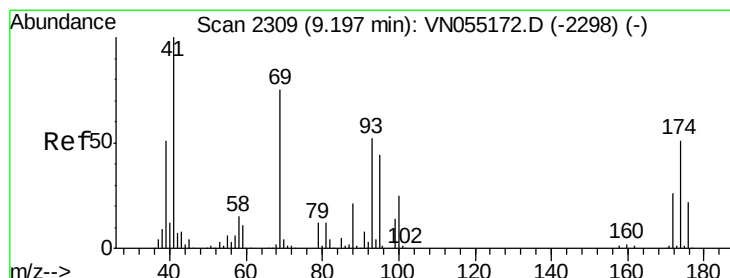


Abundance Ion 82.90 (82.60 to 83.60): VN055172.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN055172.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN055172.D (-2356) (-)

Time-->



#48

Methyl methacrylate

Concen: 50.742 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

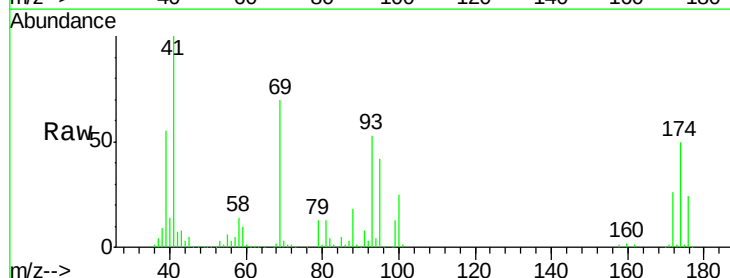
Tgt Ion: 41 Resp: 200389

Ion Ratio Lower Upper

41 100

69 75.2 63.6 95.4

39 56.8 43.8 65.8

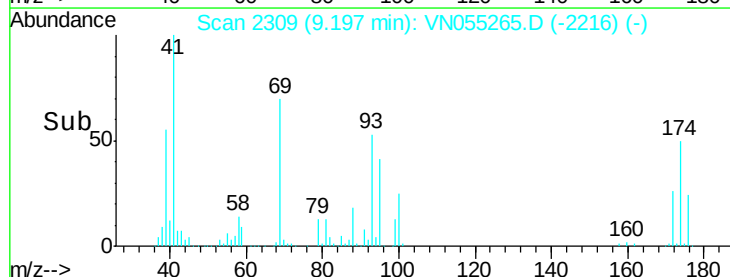


Abundance Ion 41.00 (40.70 to 41.70): VN055172.D (-2298) (-)

Ion 69.00 (68.70 to 69.70): VN055172.D (-2298) (-)

Ion 39.00 (38.70 to 39.70): VN055172.D (-2298) (-)

Time-->

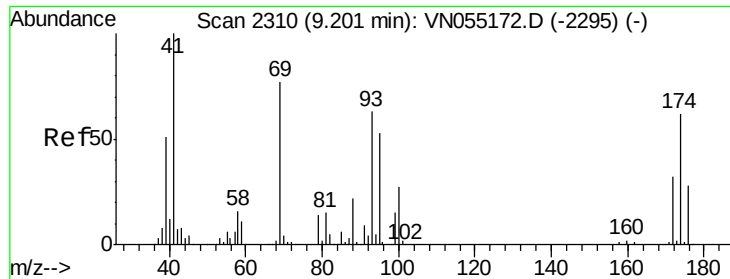


Abundance Ion 41.00 (40.70 to 41.70): VN055172.D (-2298) (-)

Ion 69.00 (68.70 to 69.70): VN055172.D (-2298) (-)

Ion 39.00 (38.70 to 39.70): VN055172.D (-2298) (-)

Time-->



#49

1,4-Dioxane

Concen: 988.091 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

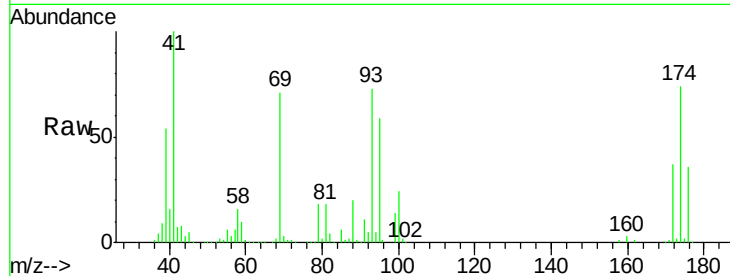
Tot Ion: 88 Resp: 45063

Ion Ratio Lower Upper

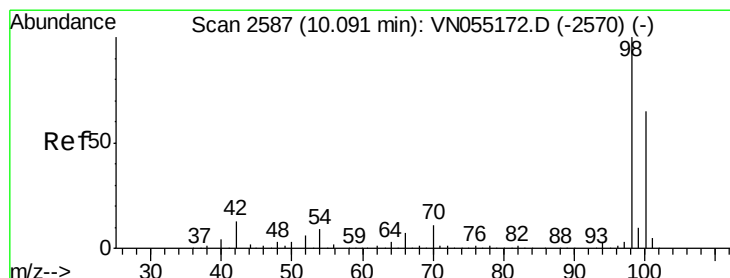
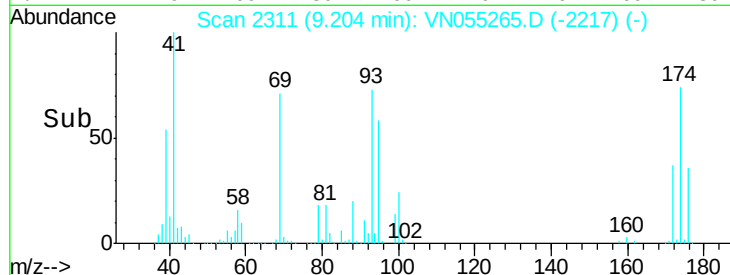
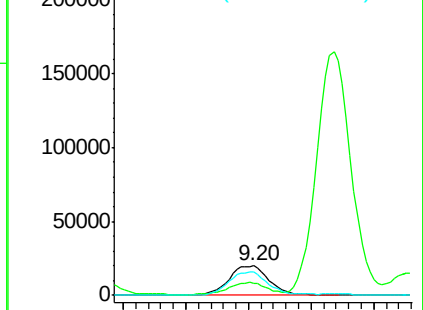
88 100

43 38.4 32.0 48.0

58 77.9 60.4 90.6



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



#50

Toluene-d8

Concen: 49.800 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055265.D

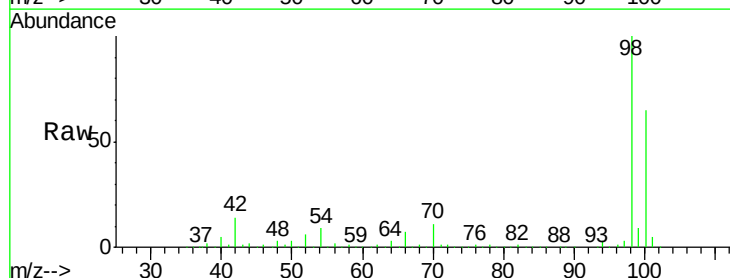
Acq: 26 Apr 2019 10:07

Tgt Ion: 98 Resp: 841354

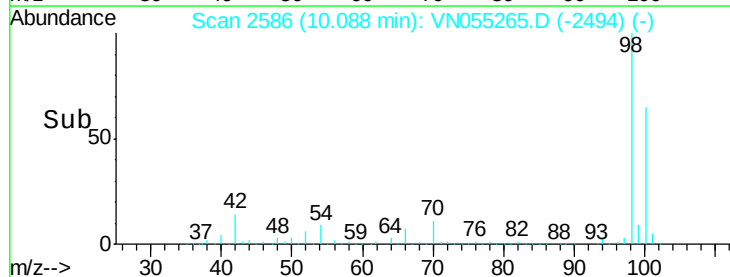
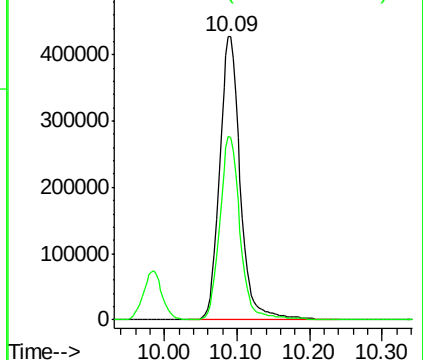
Ion Ratio Lower Upper

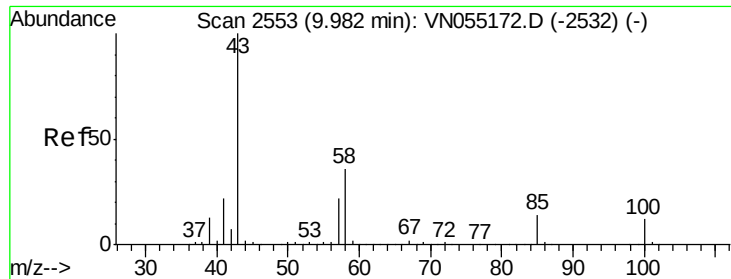
98 100

100 64.2 51.8 77.6



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





#51

4-Methyl-2-Pentanone

Concen: 249.663 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

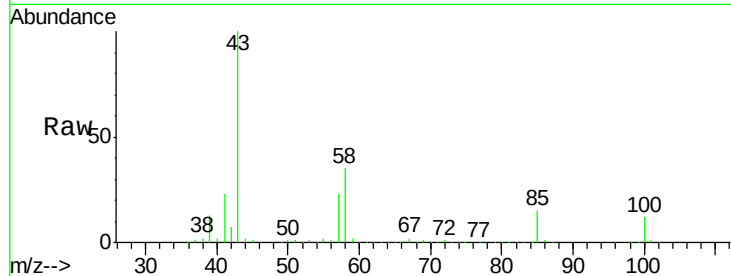
VSTDCCC050

Tot Ion: 43 Resp: 1169614

Ion Ratio Lower Upper

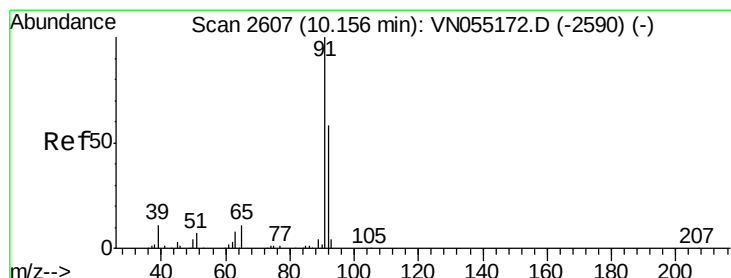
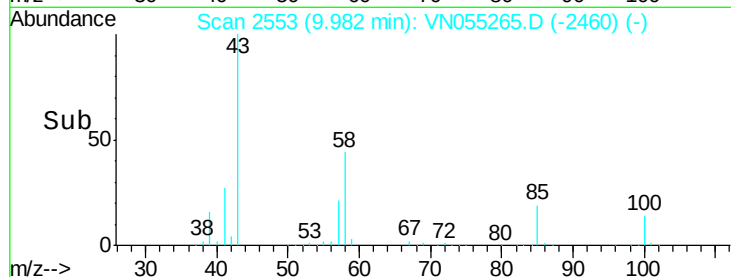
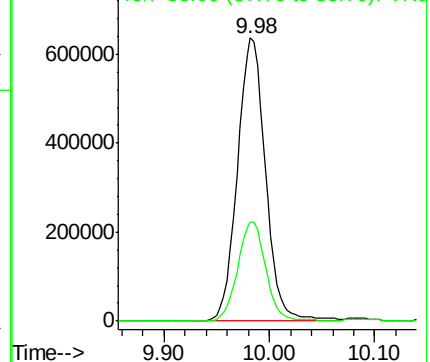
43 100

58 35.2 28.3 42.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 49.755 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN055265.D

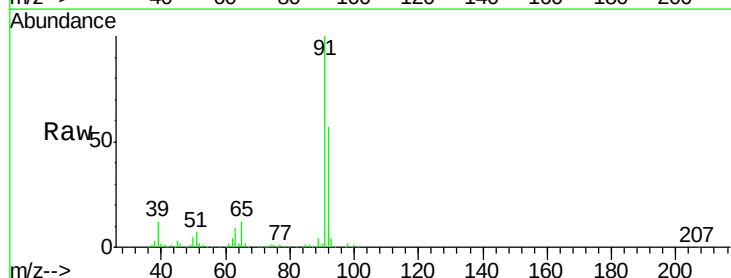
Acq: 26 Apr 2019 10:07

Tgt Ion: 92 Resp: 560919

Ion Ratio Lower Upper

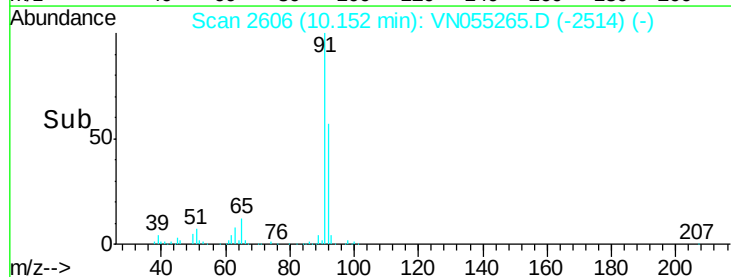
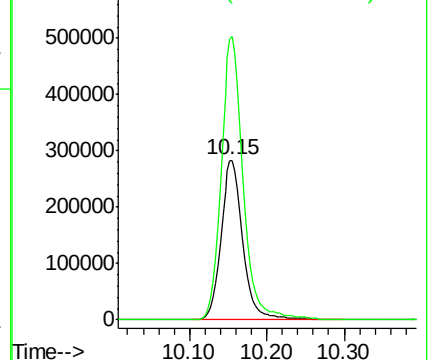
92 100

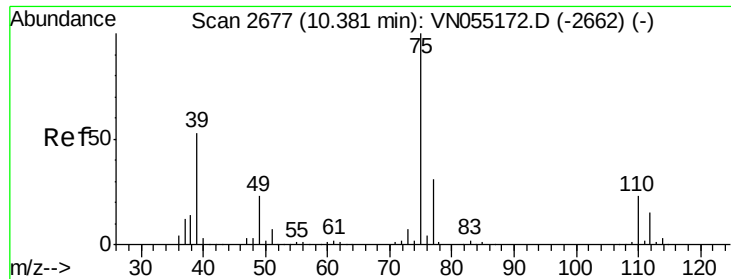
91 178.4 138.7 208.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 55.389 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

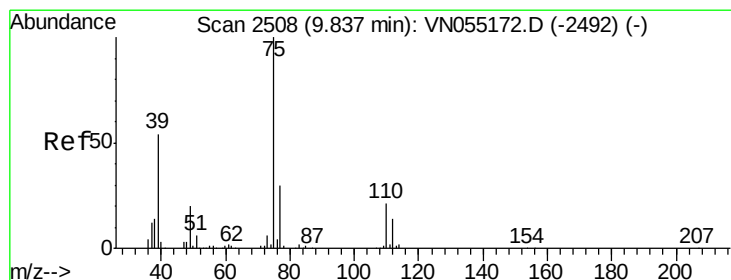
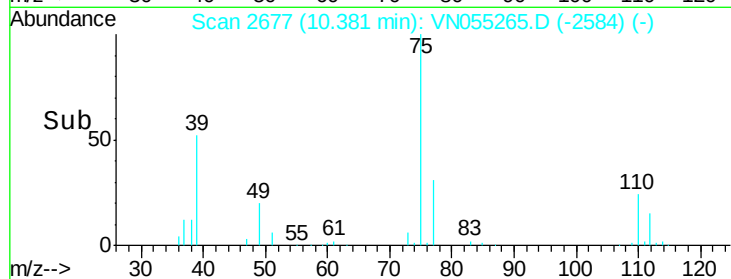
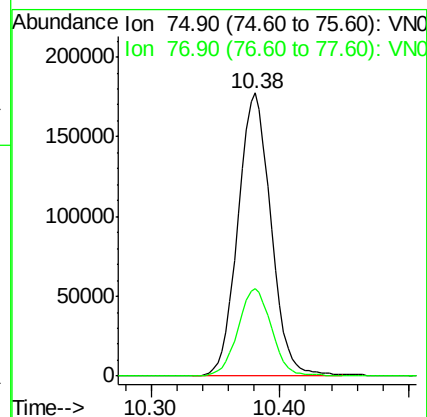
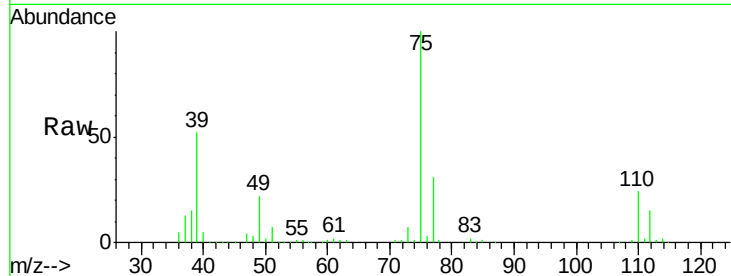
VSTDCCC050

Tot Ion: 75 Resp: 316217

Ion Ratio Lower Upper

75 100

77 30.9 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 53.847 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

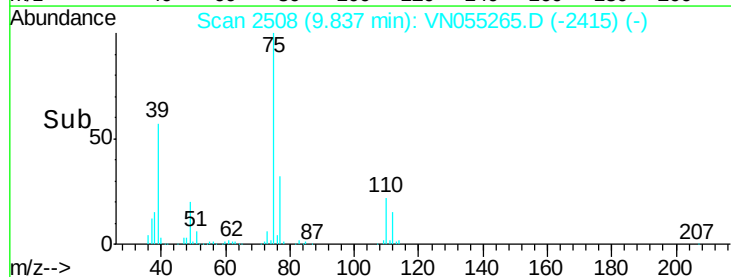
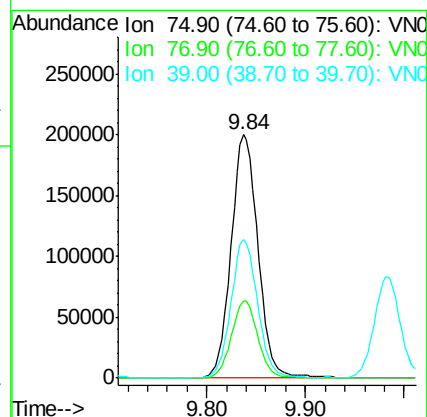
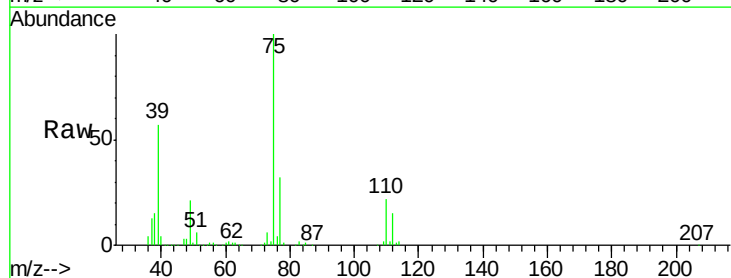
Tgt Ion: 75 Resp: 381483

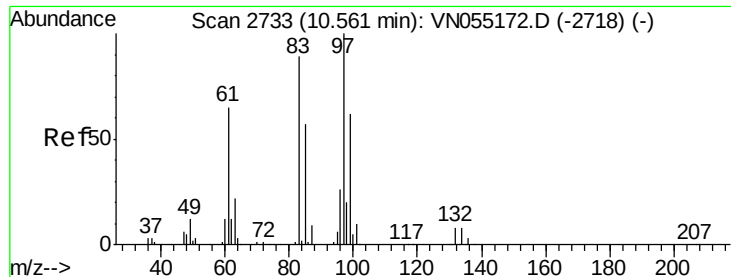
Ion Ratio Lower Upper

75 100

77 31.7 24.3 36.5

39 56.7 43.0 64.4





#55

1,1,2-Trichloroethane

Concen: 49.292 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 204872

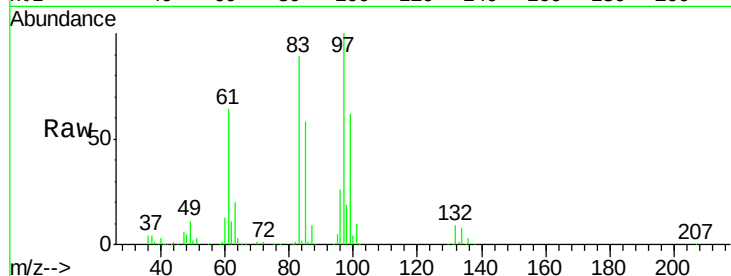
Ion Ratio Lower Upper

97 100

83 88.6 71.5 107.3

85 57.7 45.8 68.6

99 61.7 49.9 74.9

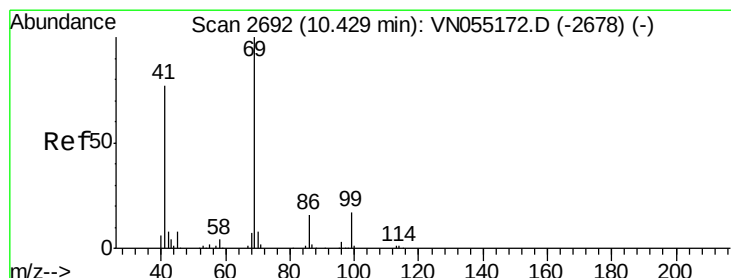
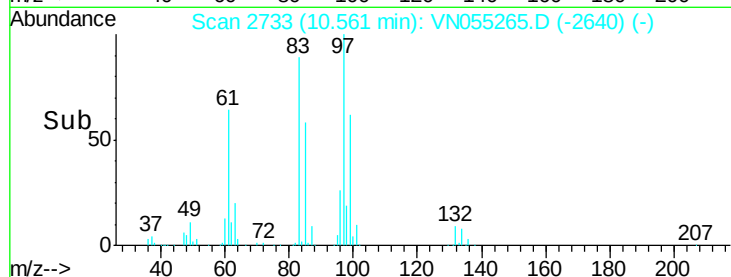
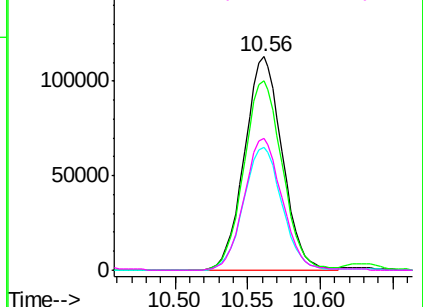


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 53.784 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

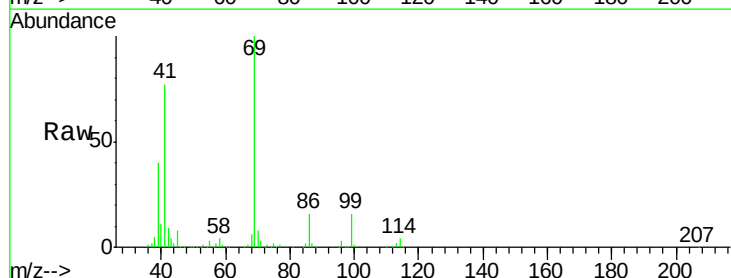
Tgt Ion: 69 Resp: 278477

Ion Ratio Lower Upper

69 100

41 75.6 60.6 90.8

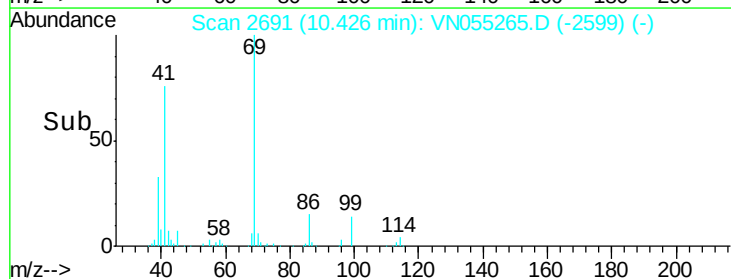
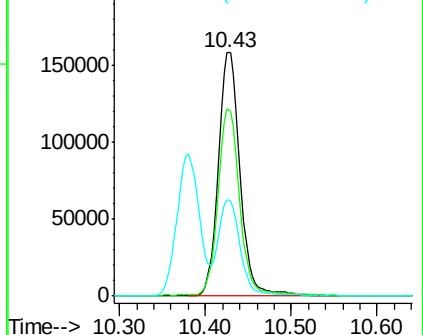
39 39.6 31.7 47.5

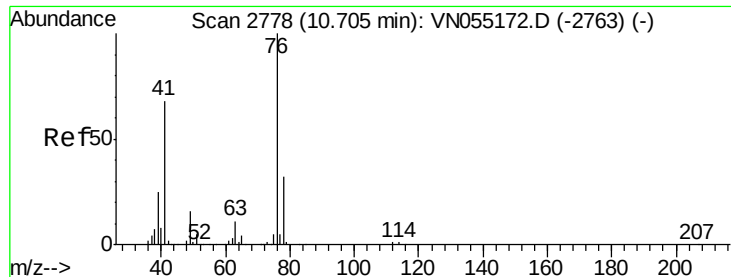


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

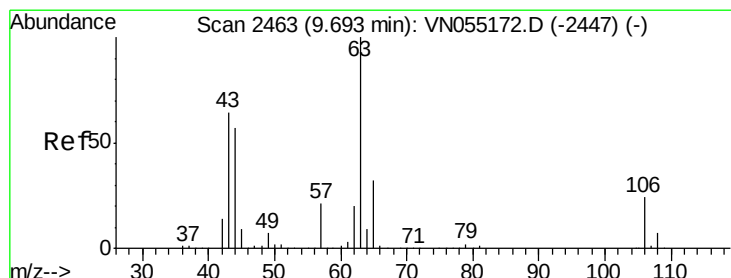
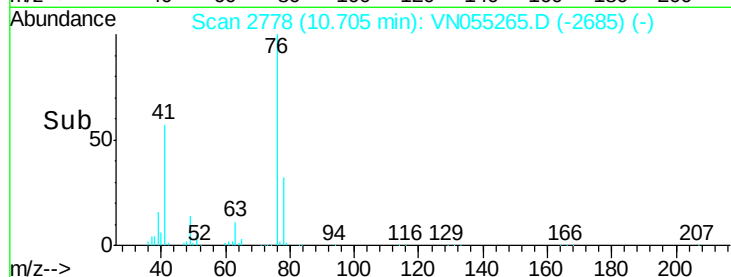
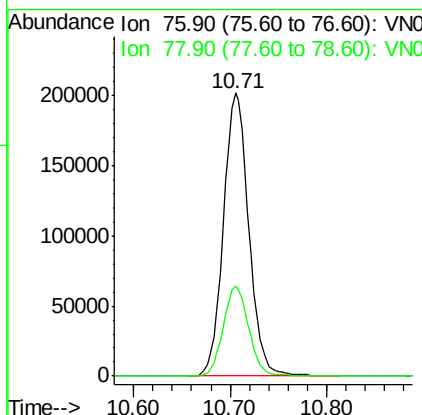
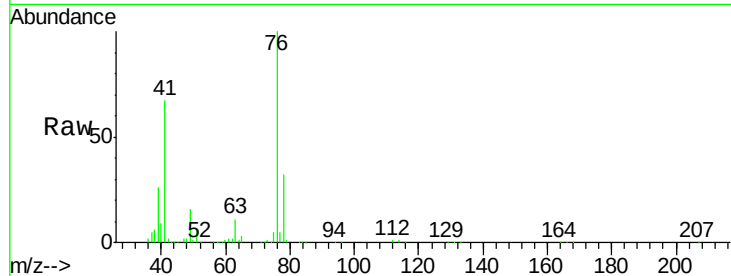




#57
 1,3-Dichloropropane
 Concen: 50.652 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN055265.D
 Acq: 26 Apr 2019 10:07

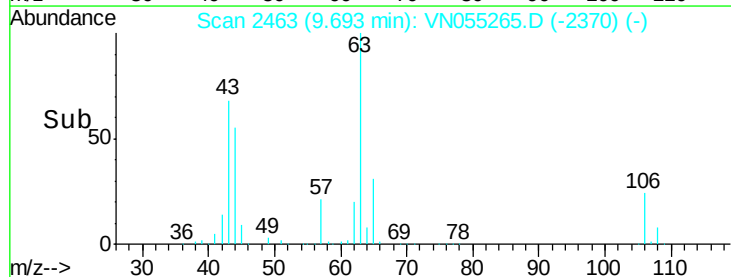
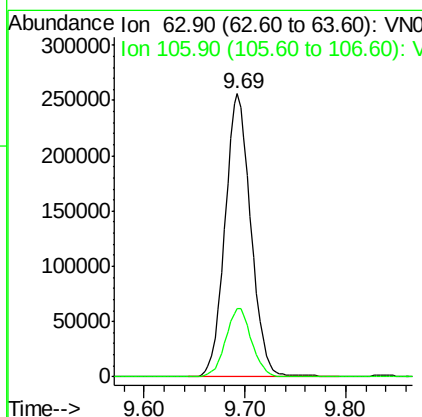
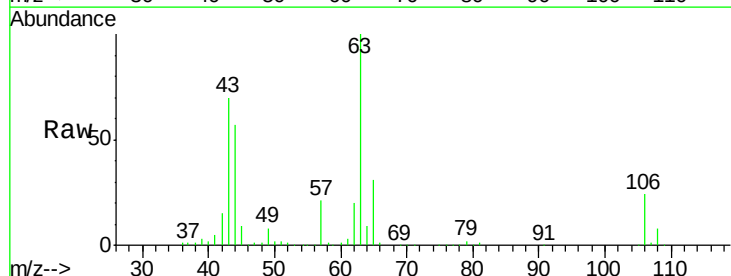
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

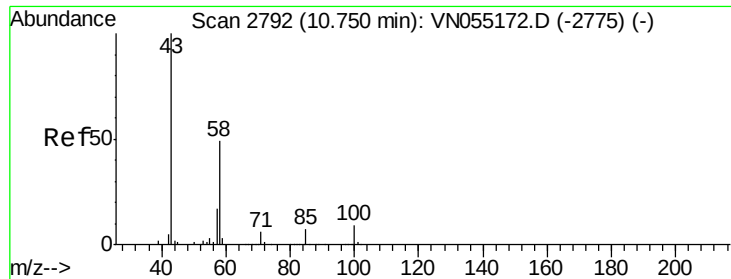
Tot Ion: 76 Resp: 366281
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 230.207 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN055265.D
 Acq: 26 Apr 2019 10:07

Tgt Ion: 63 Resp: 457414
 Ion Ratio Lower Upper
 63 100
 106 24.2 19.4 29.0

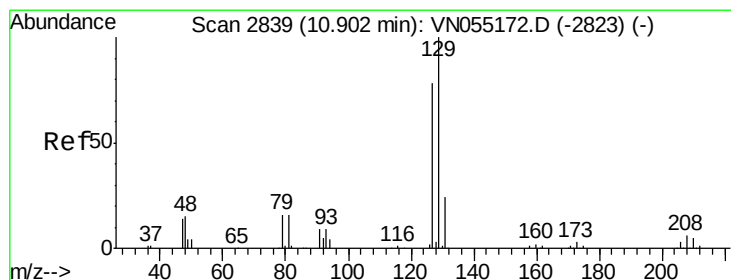
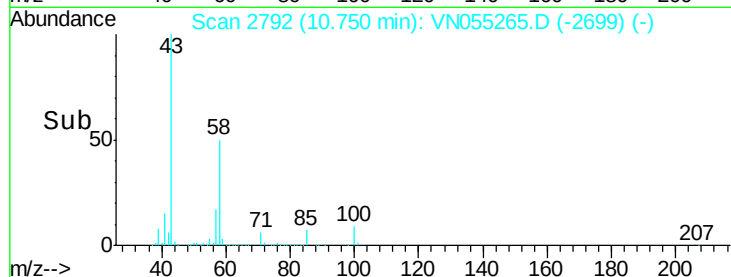
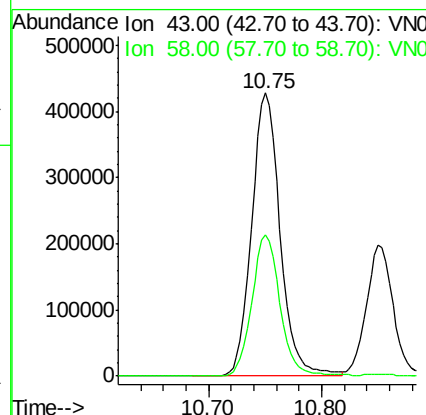
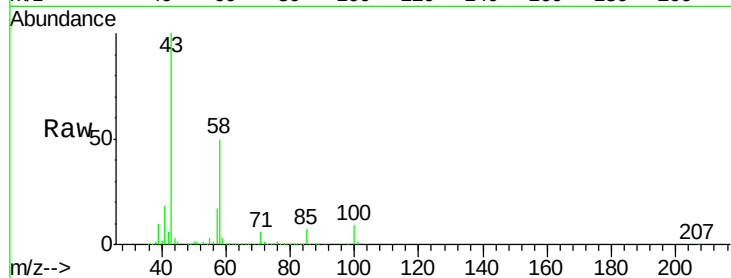




#59
2-Hexanone
Concen: 252.912 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055265.D
Acq: 26 Apr 2019 10:07

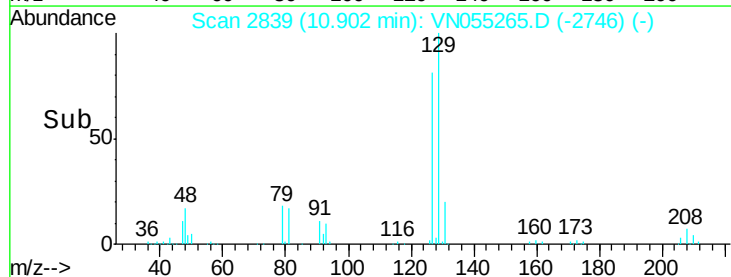
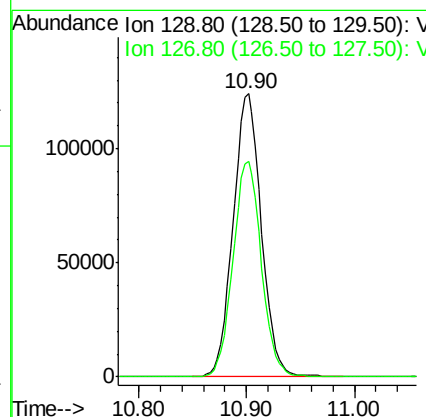
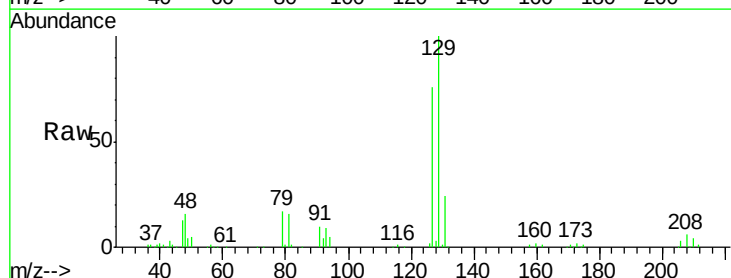
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

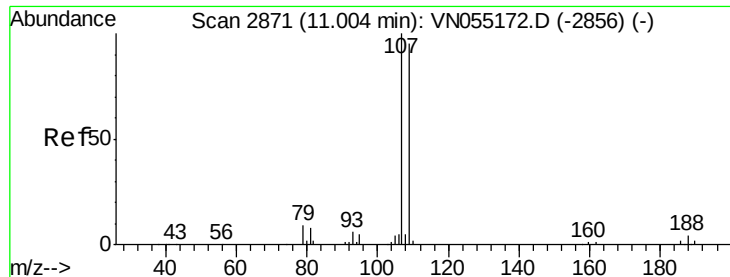
Tot Ion: 43 Resp: 748398
Ion Ratio Lower Upper
43 100
58 49.7 24.5 73.5



#60
Dibromochloromethane
Concen: 52.896 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055265.D
Acq: 26 Apr 2019 10:07

Tgt Ion: 129 Resp: 226453
Ion Ratio Lower Upper
129 100
127 76.5 39.0 117.0





#61

1,2-Dibromoethane

Concen: 51.105 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

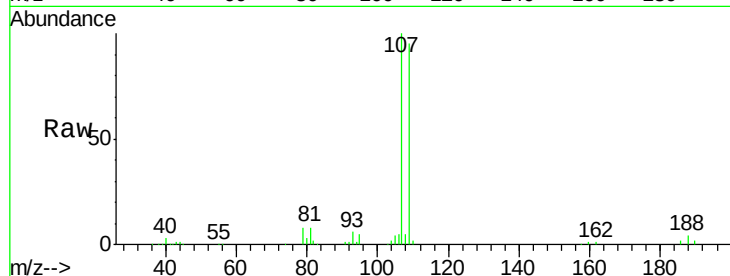
VSTDCCC050

Tot Ion:107 Resp: 199706

Ion Ratio Lower Upper

107 100

109 94.6 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

120000

100000

80000

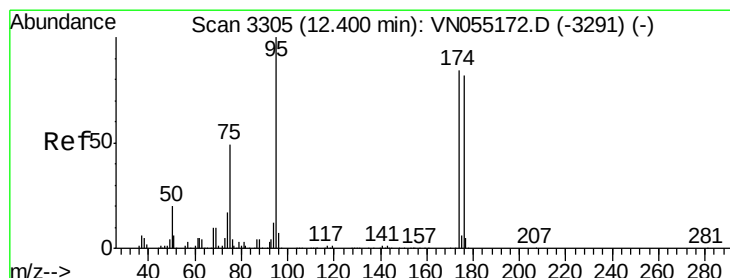
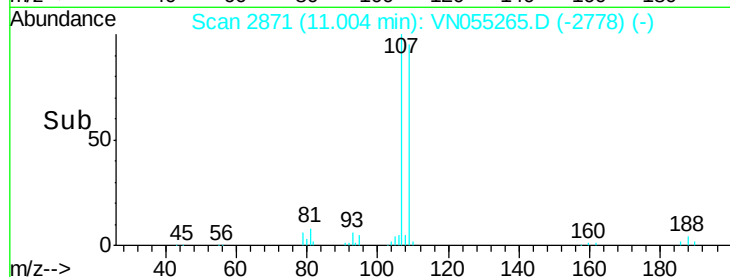
60000

40000

20000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 50.386 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

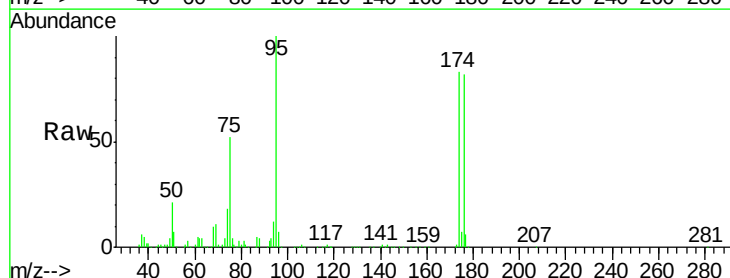
Tgt Ion: 95 Resp: 269567

Ion Ratio Lower Upper

95 100

174 83.7 0.0 168.4

176 81.0 0.0 164.0



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

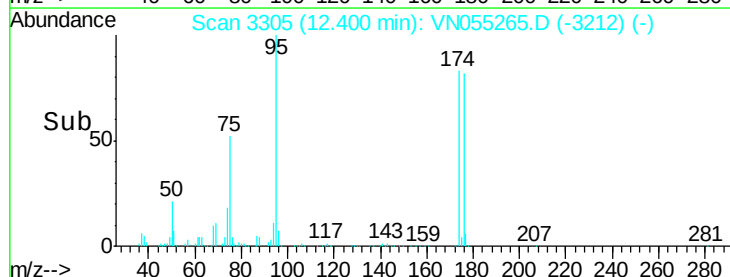
150000

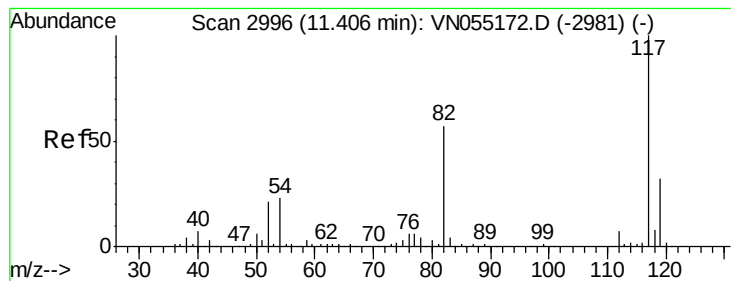
100000

50000

0

Time--> 12.30 12.35 12.40 12.45





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

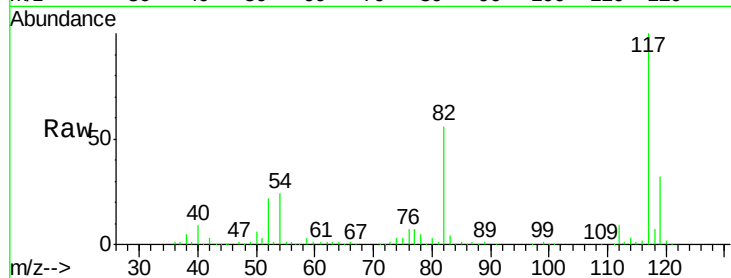
Tot Ion:117 Resp: 565139

Ion Ratio Lower Upper

117 100

82 56.3 45.7 68.5

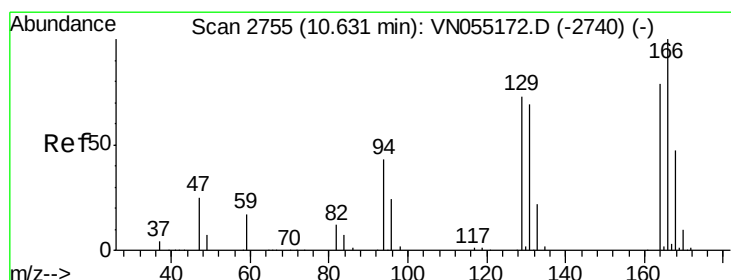
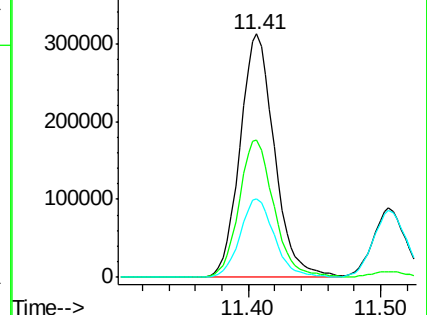
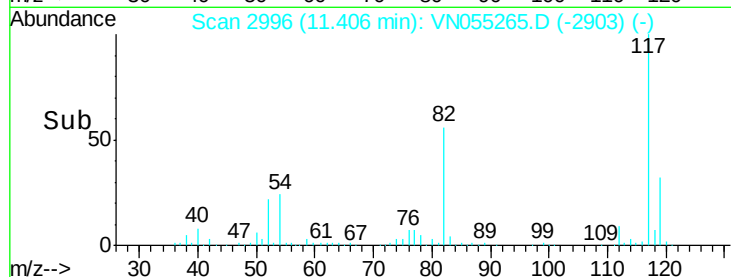
119 32.3 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 50.083 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

Tgt Ion:164 Resp: 230898

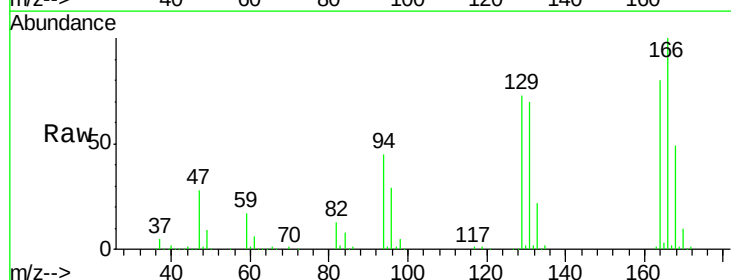
Ion Ratio Lower Upper

164 100

166 124.7 101.9 152.9

129 91.0 74.1 111.1

131 87.7 70.6 106.0

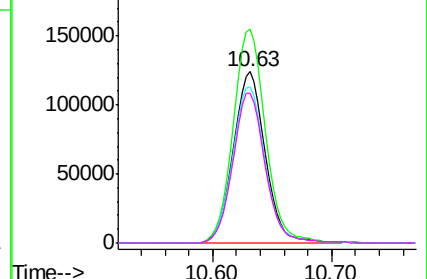
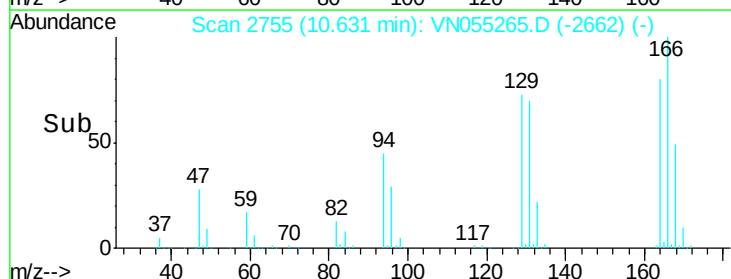


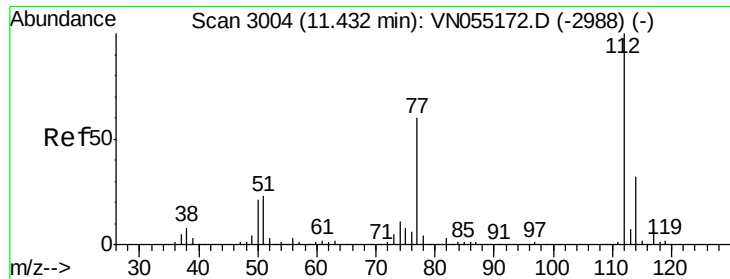
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

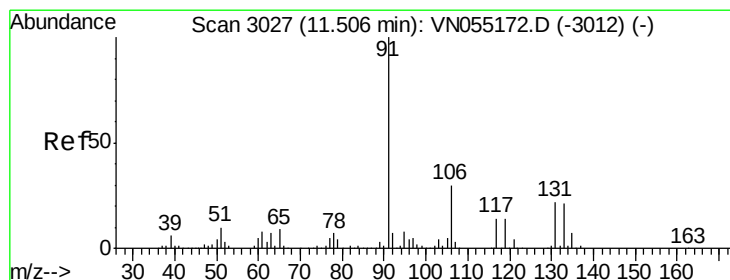
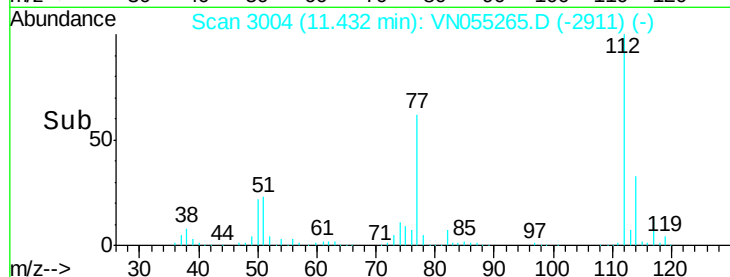
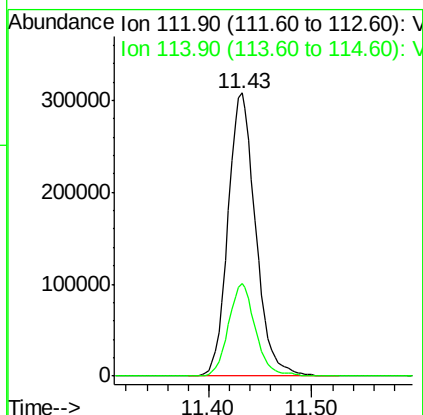
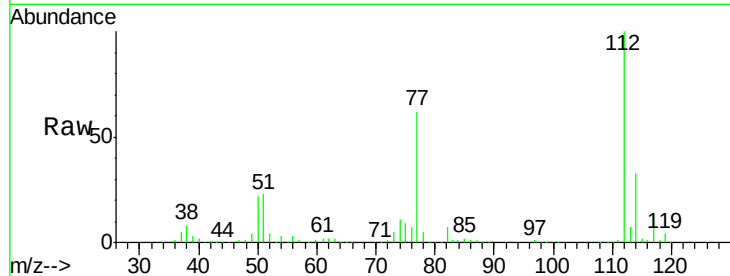




#65
Chlorobenzene
Concen: 49.750 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055265.D
Acq: 26 Apr 2019 10:07

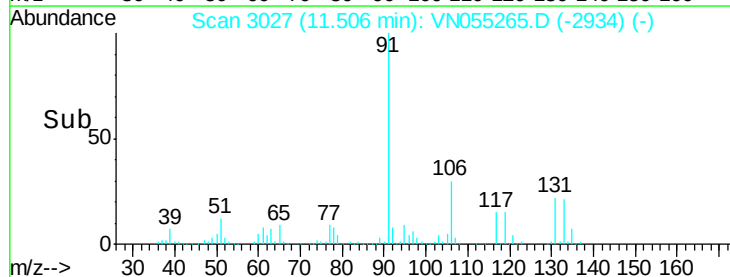
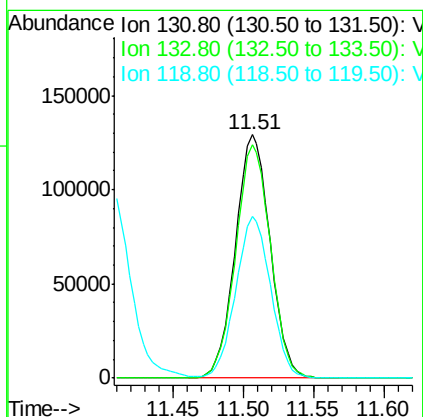
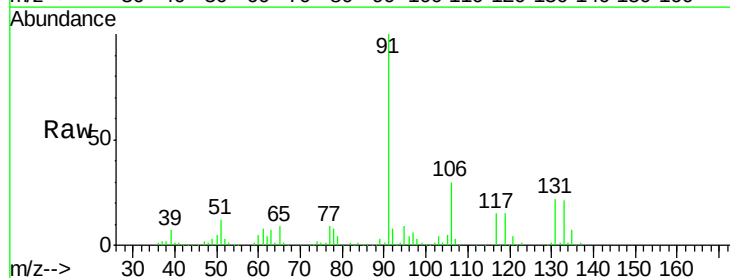
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

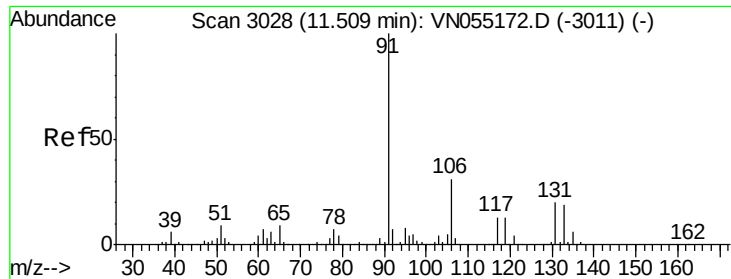
Tot Ion:112 Resp: 573869
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.116 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN055265.D
Acq: 26 Apr 2019 10:07

Tgt Ion:131 Resp: 222809
Ion Ratio Lower Upper
131 100
133 96.2 47.7 143.1
119 66.7 33.2 99.6

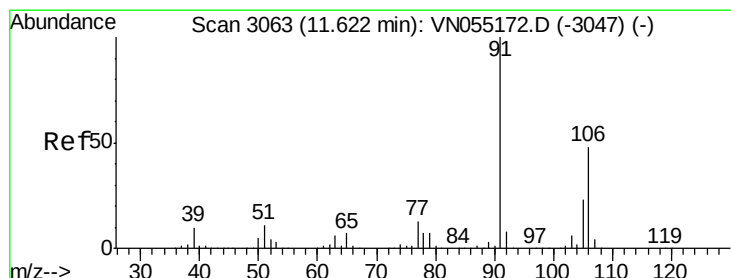
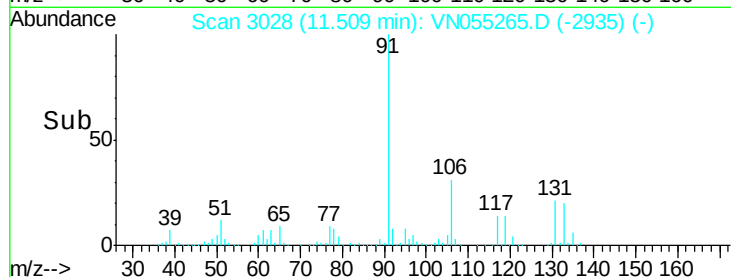
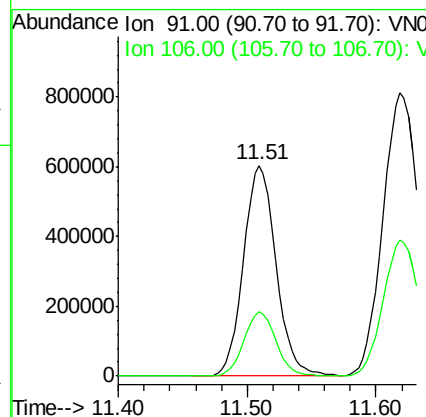
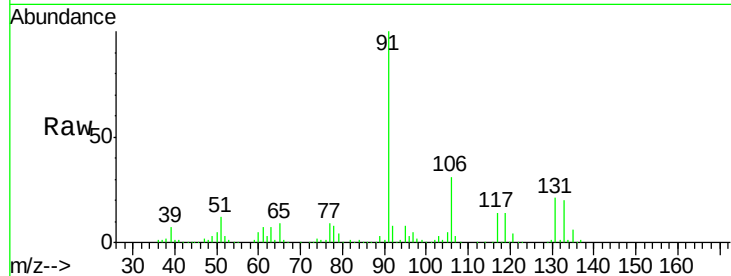




#67
Ethyl Benzene
Concen: 51.727 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055265.D
Acq: 26 Apr 2019 10:07

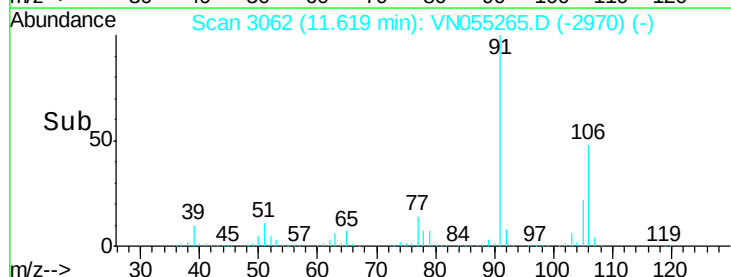
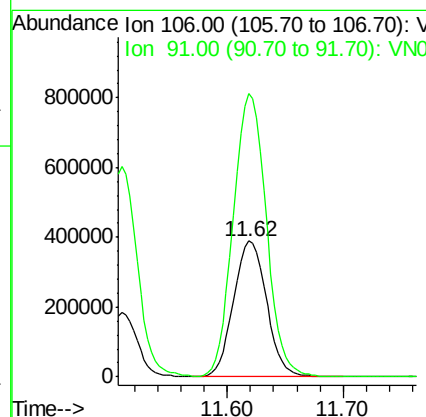
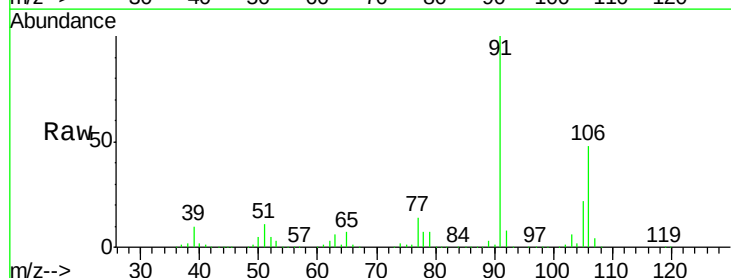
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

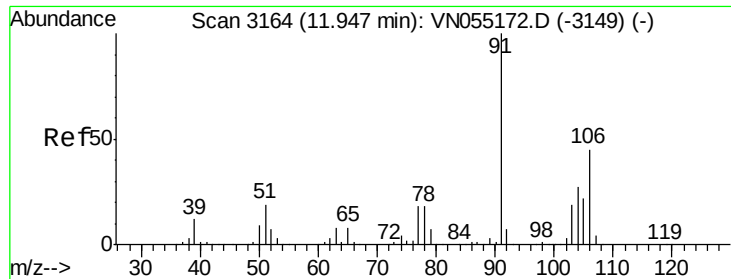
Tot Ion: 91 Resp: 1062865
Ion Ratio Lower Upper
91 100
106 30.5 24.5 36.7



#68
m/p-Xylenes
Concen: 104.360 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055265.D
Acq: 26 Apr 2019 10:07

Tgt Ion: 106 Resp: 769096
Ion Ratio Lower Upper
106 100
91 208.1 167.1 250.7

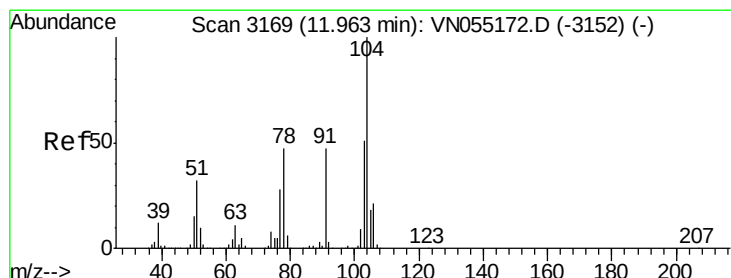
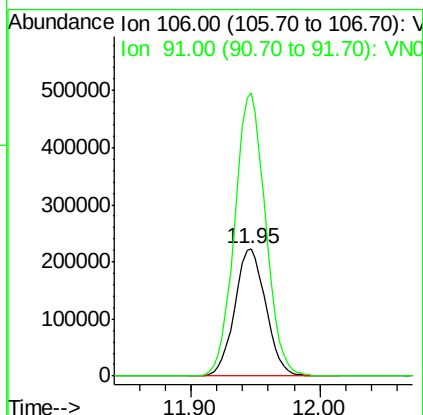
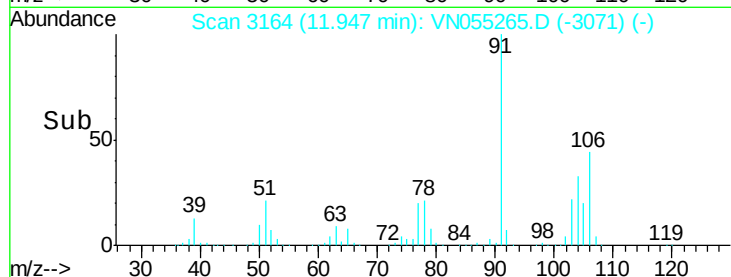
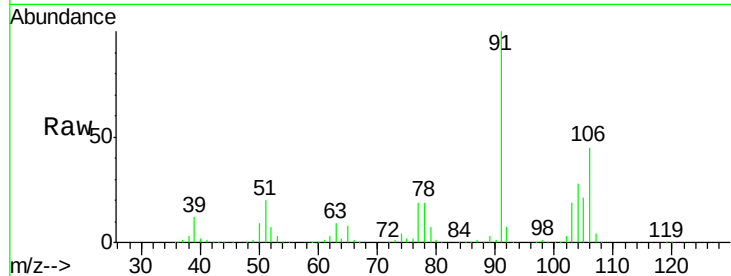




#69
o-Xylene
Concen: 51.092 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055265.D
Acq: 26 Apr 2019 10:07

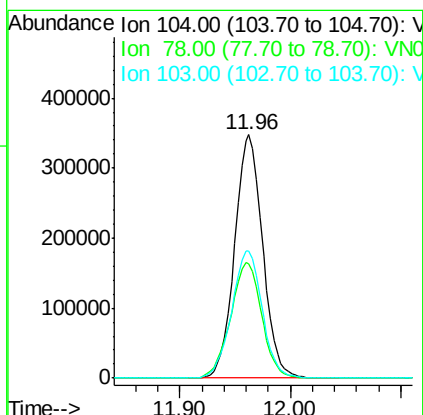
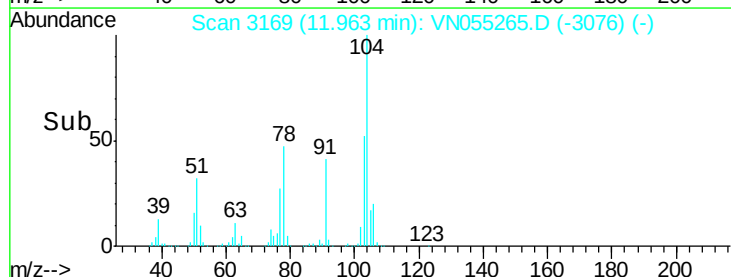
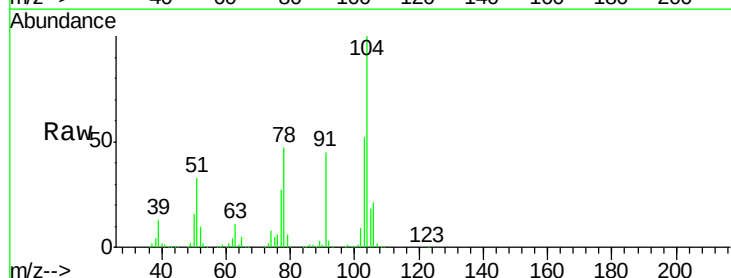
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

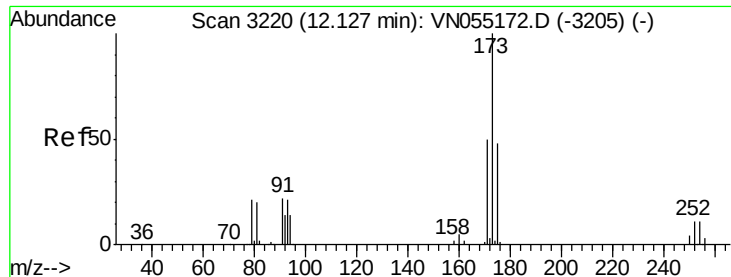
Tot Ion:106 Resp: 373671
Ion Ratio Lower Upper
106 100
91 221.1 110.6 331.8



#70
Styrene
Concen: 53.897 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055265.D
Acq: 26 Apr 2019 10:07

Tgt Ion:104 Resp: 611010
Ion Ratio Lower Upper
104 100
78 52.7 41.3 61.9
103 57.2 44.2 66.4





#71

Bromoform

Concen: 53.013 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

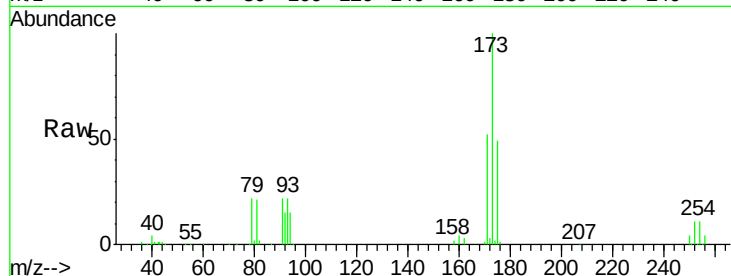
Tot Ion:173 Resp: 135249

Ion Ratio Lower Upper

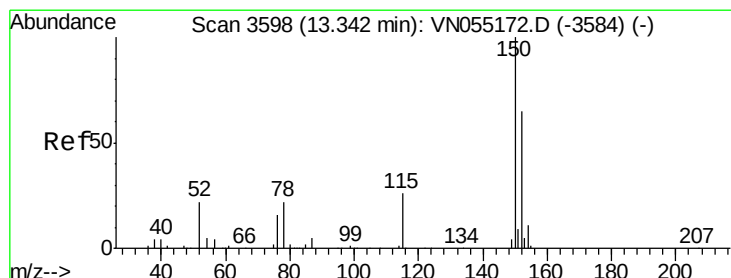
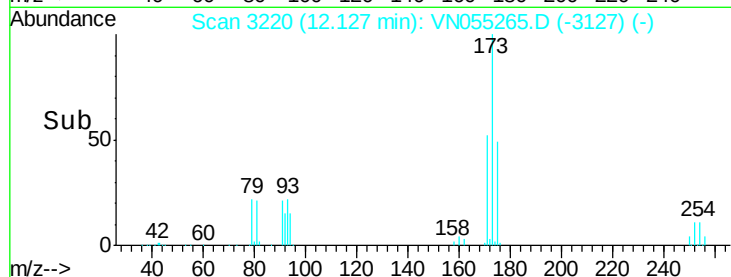
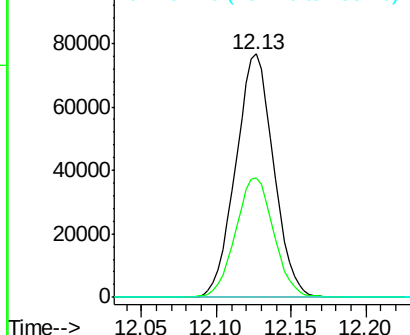
173 100

175 49.5 23.8 71.2

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

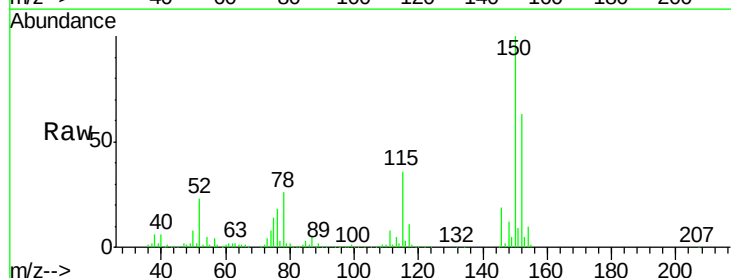
Tgt Ion:152 Resp: 229078

Ion Ratio Lower Upper

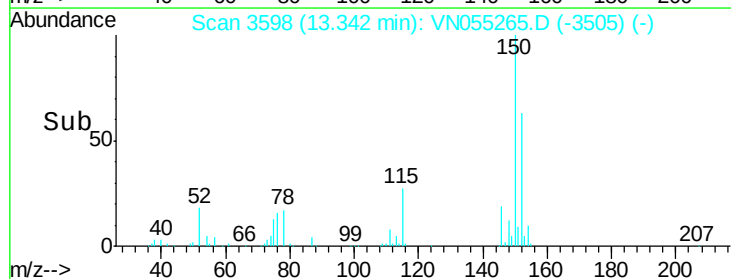
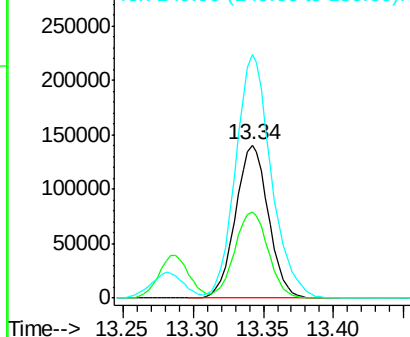
152 100

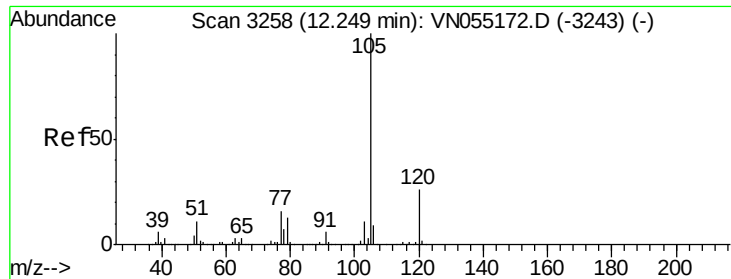
115 57.6 28.9 86.7

150 172.3 0.0 346.6



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





#73

Isopropylbenzene

Concen: 54.965 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

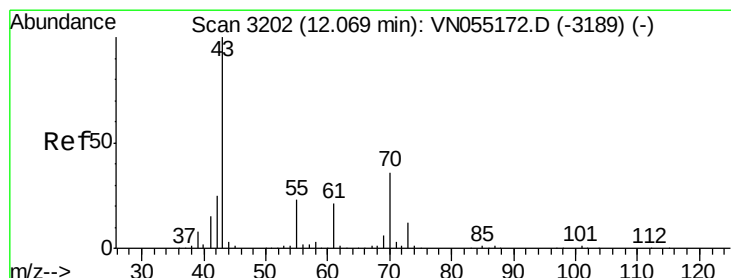
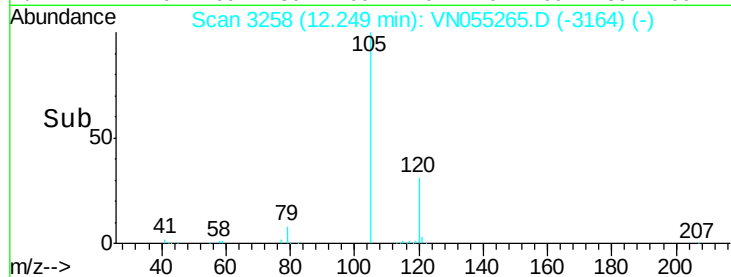
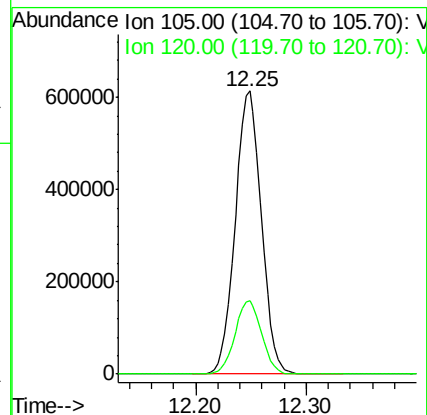
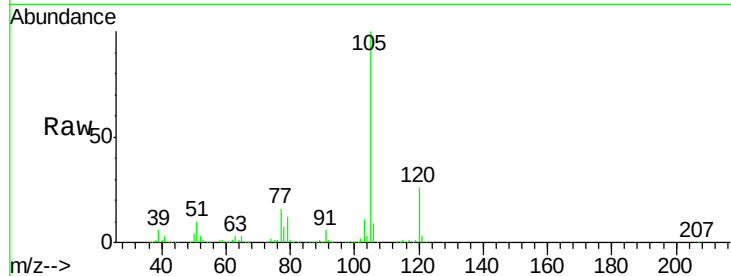
VSTDCCC050

Tot Ion:105 Resp: 1007611

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.1



#74

N-ethyl acetate

Concen: 51.923 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

Tgt Ion: 43 Resp: 306661

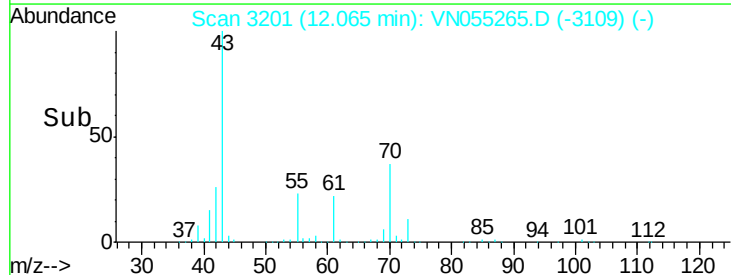
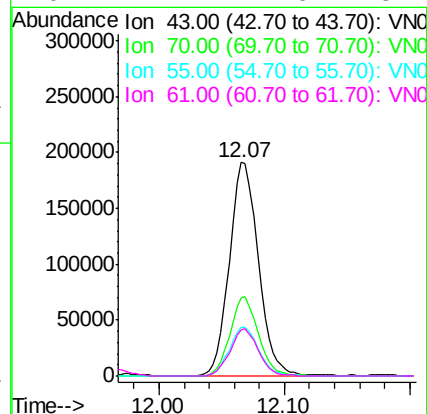
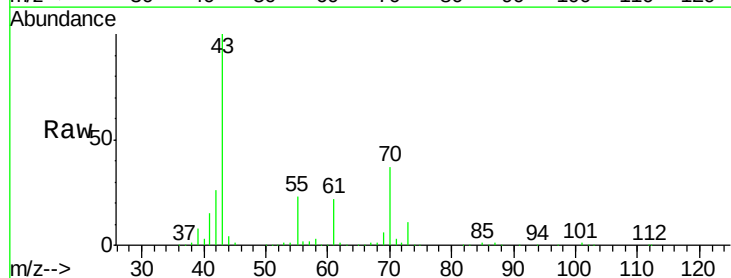
Ion Ratio Lower Upper

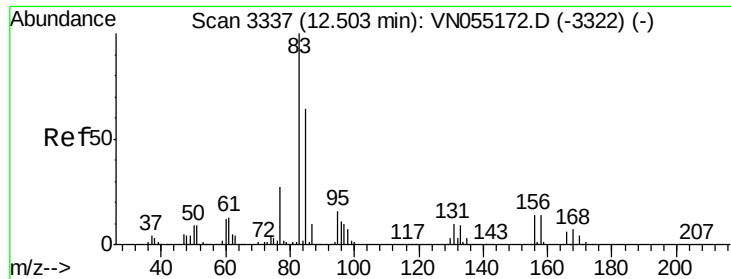
43 100

70 36.4 29.0 43.6

55 23.3 18.5 27.7

61 21.7 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 53.309 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

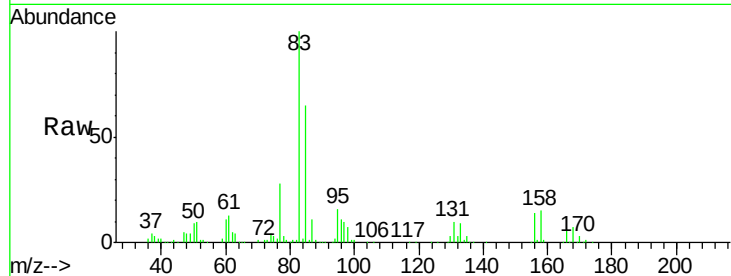
Tot Ion: 83 Resp: 247572

Ion Ratio Lower Upper

83 100

131 10.3 5.0 15.0

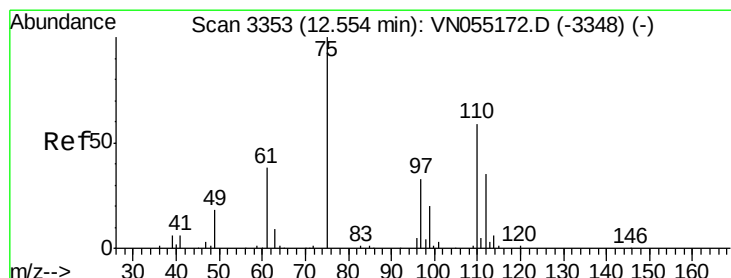
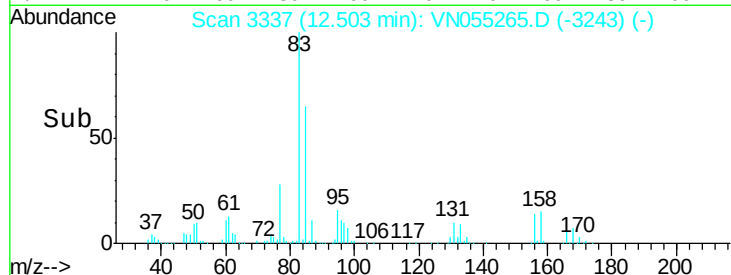
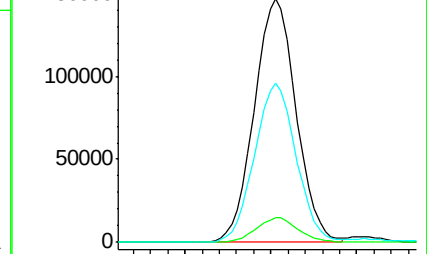
85 64.7 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN055265.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN055265.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN055265.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 62.989 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055265.D

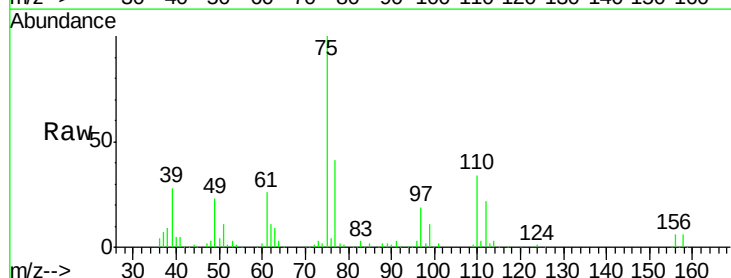
Acq: 26 Apr 2019 10:07

Tgt Ion: 75 Resp: 292732

Ion Ratio Lower Upper

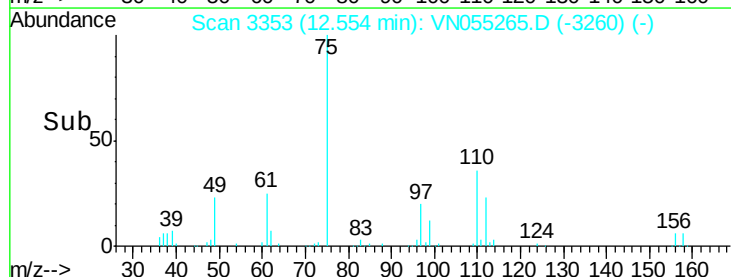
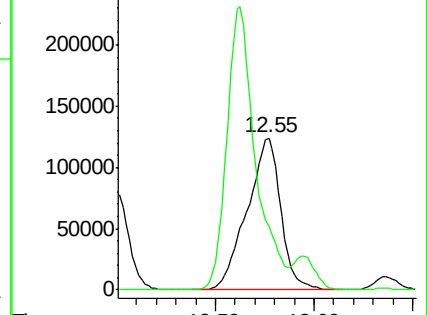
75 100

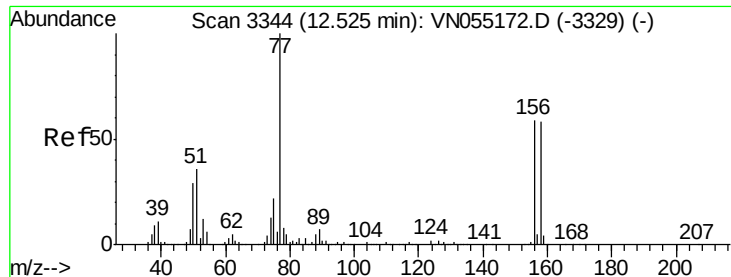
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055265.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055265.D (-3260) (-)





#77

Bromobenzene

Concen: 47.048 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

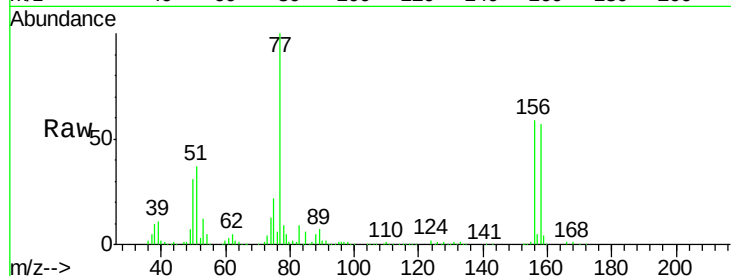
Tot Ion:156 Resp: 237932

Ion Ratio Lower Upper

156 100

77 197.5 98.0 293.9

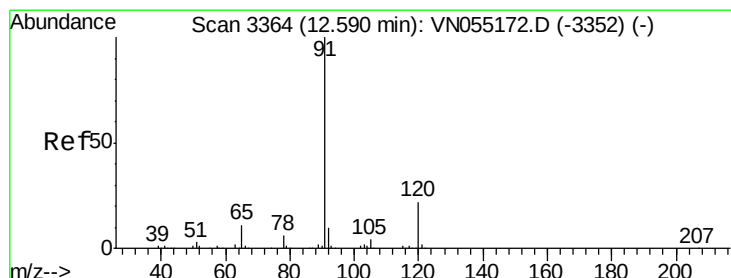
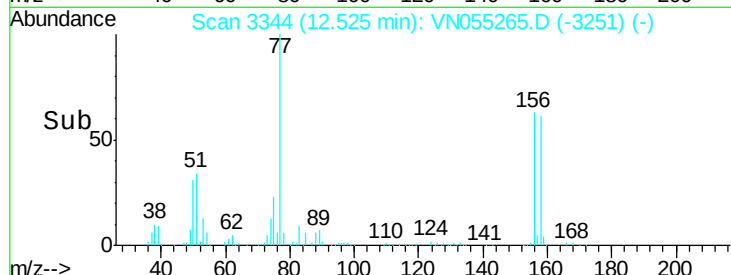
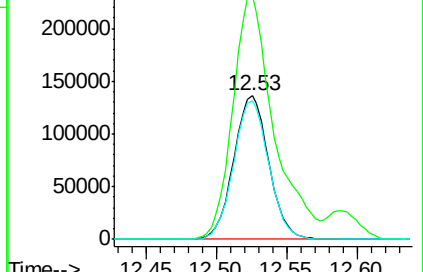
158 96.8 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.848 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055265.D

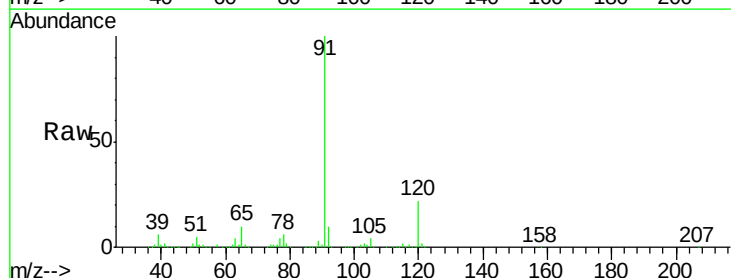
Acq: 26 Apr 2019 10:07

Tgt Ion: 91 Resp: 1122207

Ion Ratio Lower Upper

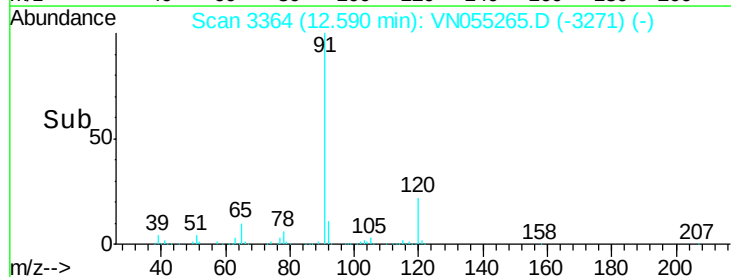
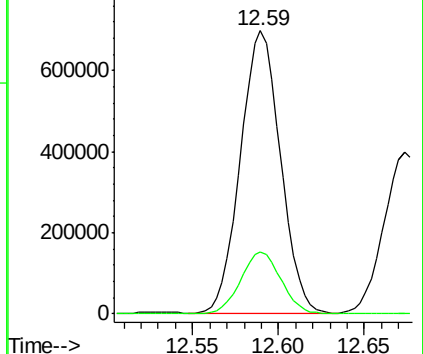
91 100

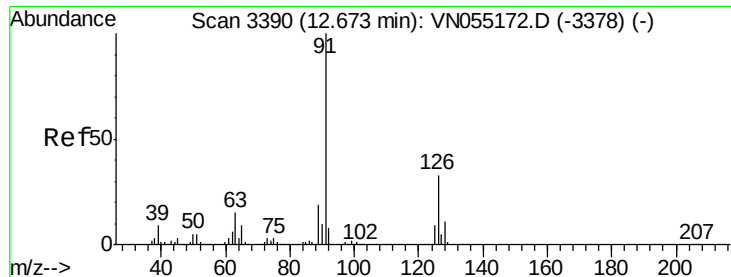
120 22.0 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.060 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

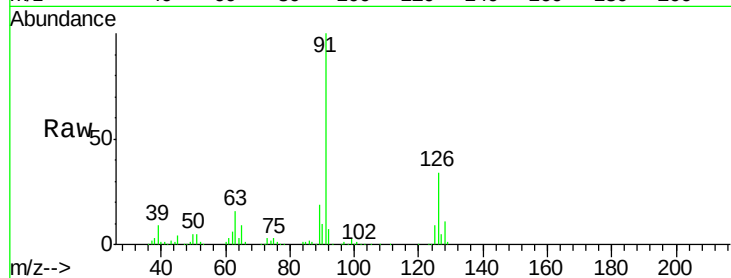
VSTDCCC050

Tot Ion: 91 Resp: 668174

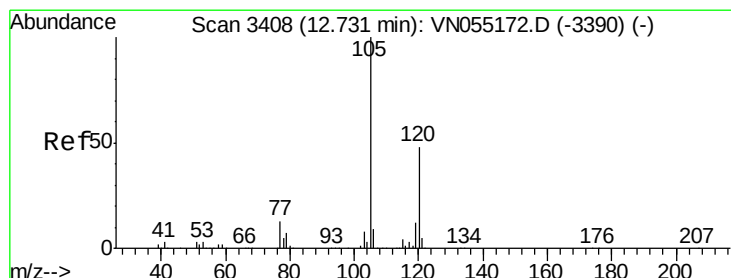
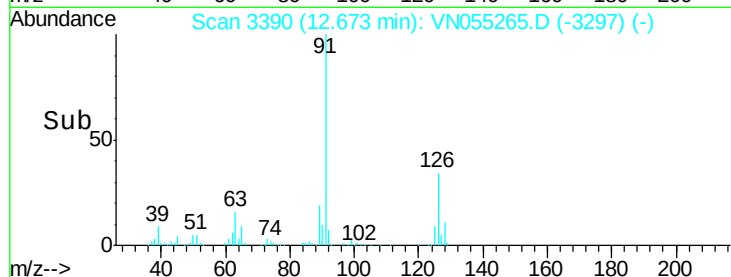
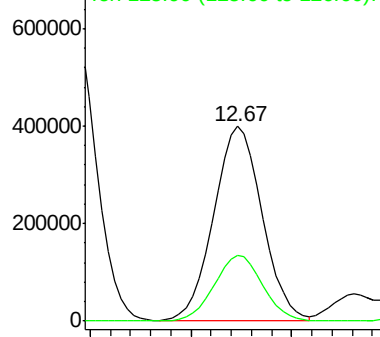
Ion Ratio Lower Upper

91 100

126 34.0 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VN055172.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.719 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055265.D

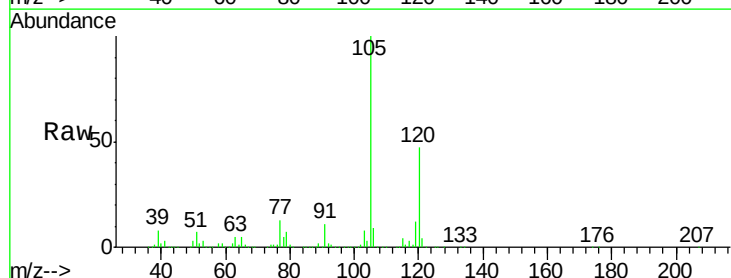
Acq: 26 Apr 2019 10:07

Tgt Ion: 105 Resp: 818328

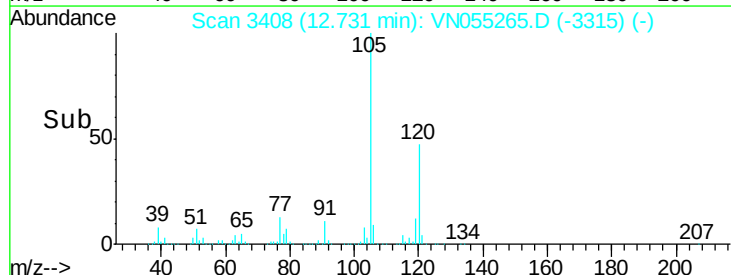
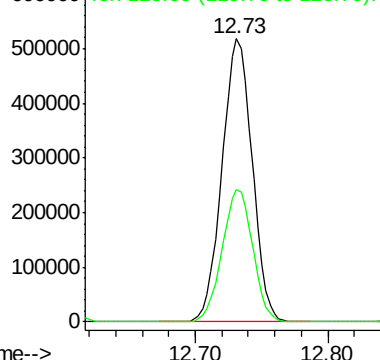
Ion Ratio Lower Upper

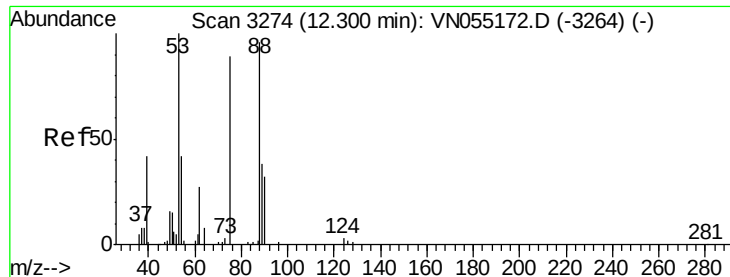
105 100

120 47.4 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN055172.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.808 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

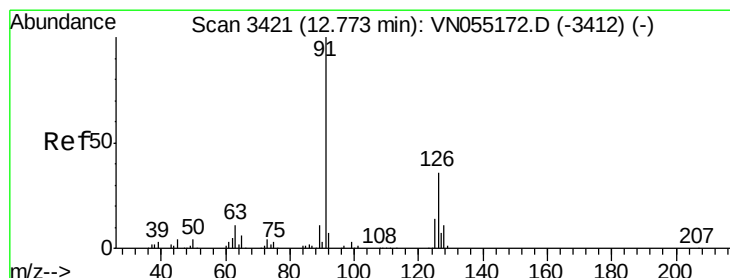
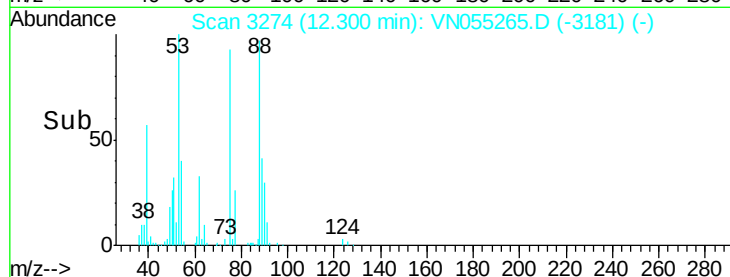
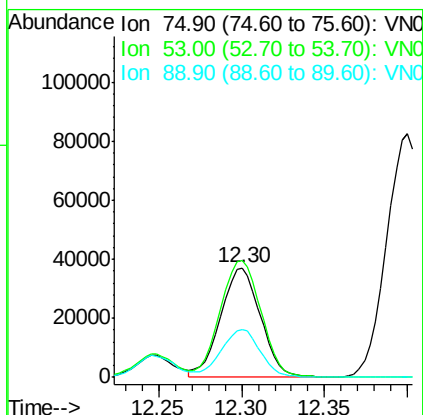
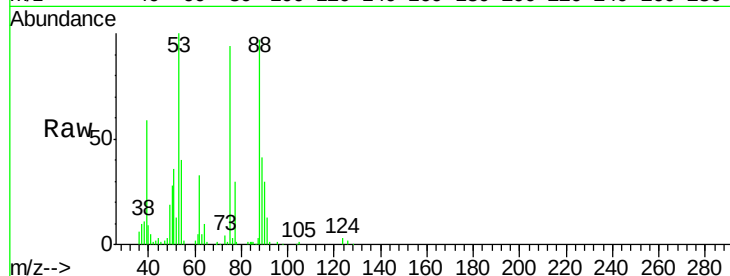
Tot Ion: 75 Resp: 62288

Ion Ratio Lower Upper

75 100

53 109.6 90.1 135.1

89 42.7 36.7 55.1



#82

4-Chlorotoluene

Concen: 48.833 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055265.D

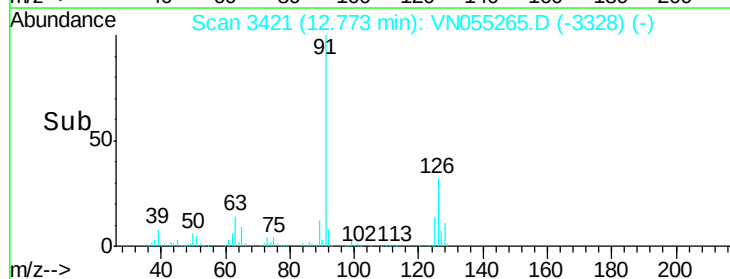
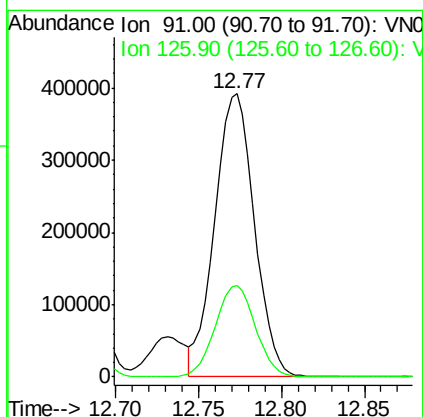
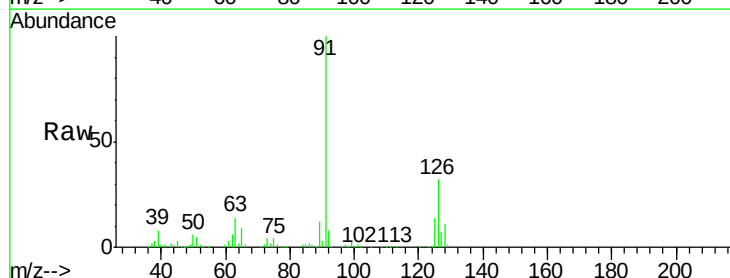
Acq: 26 Apr 2019 10:07

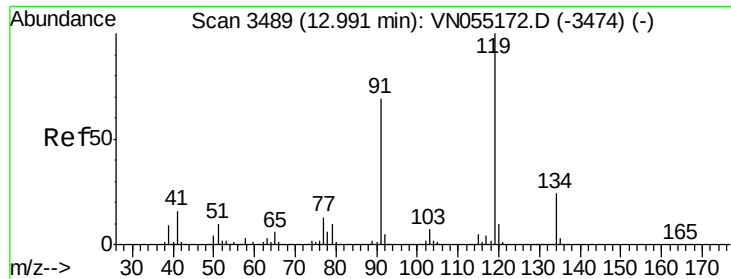
Tgt Ion: 91 Resp: 651769

Ion Ratio Lower Upper

91 100

126 32.8 16.5 49.5

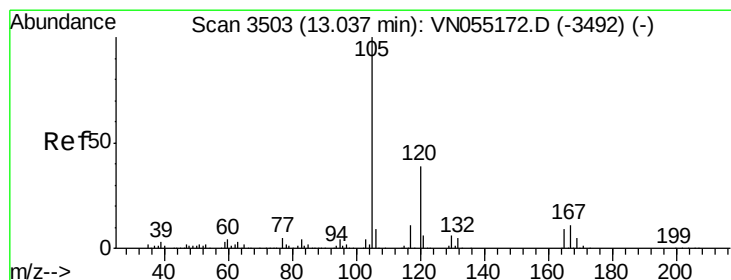
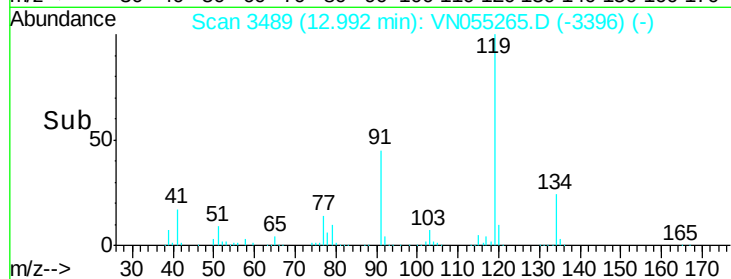
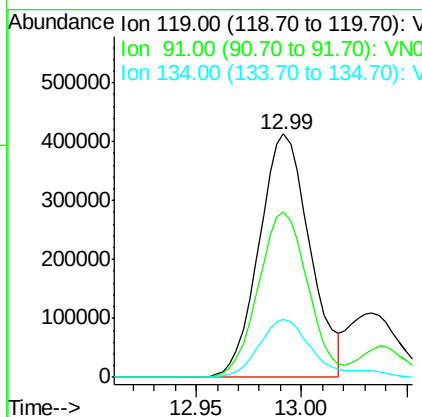
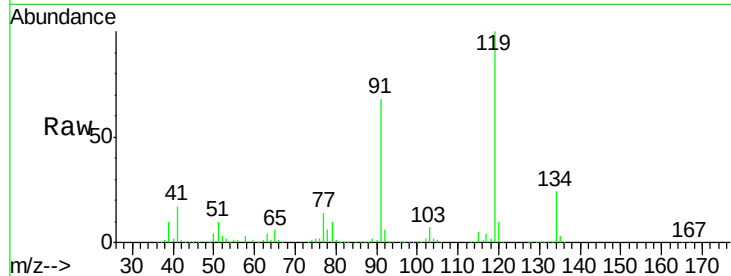




#83
 tert-Butylbenzene
 Concen: 53.809 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055265.D
 Acq: 26 Apr 2019 10:07

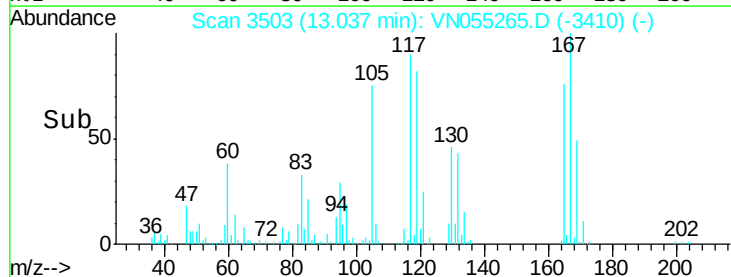
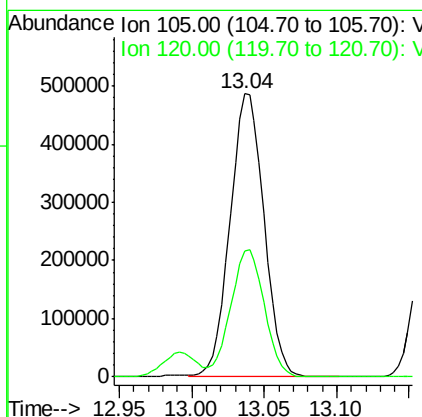
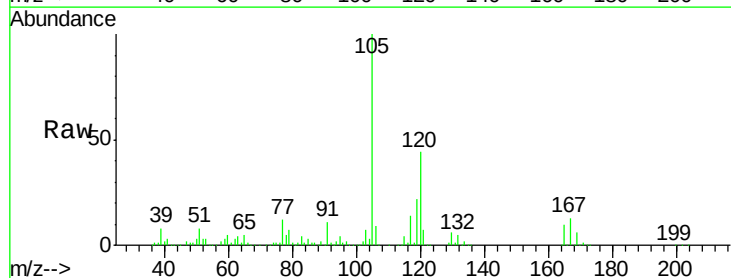
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

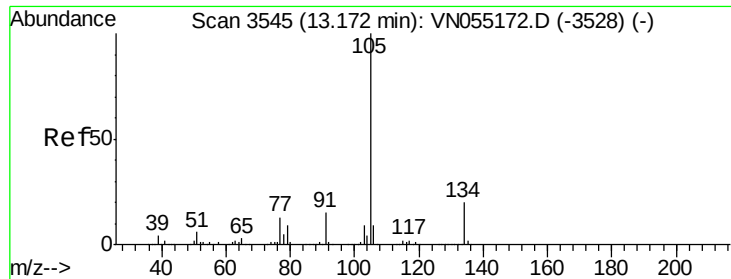
Tot Ion:119 Resp: 691208
 Ion Ratio Lower Upper
 119 100
 91 66.4 33.8 101.3
 134 24.1 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 48.712 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN055265.D
 Acq: 26 Apr 2019 10:07

Tgt Ion:105 Resp: 788299
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.7 68.1





#85

sec-Butylbenzene

Concen: 45.922 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

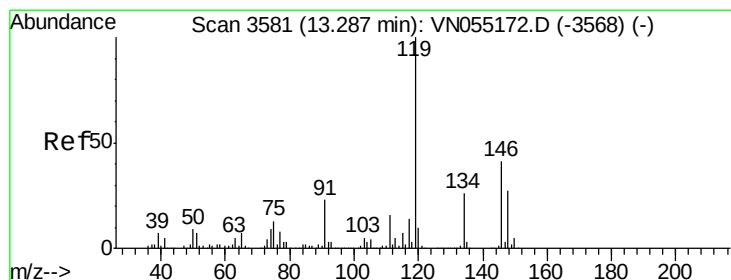
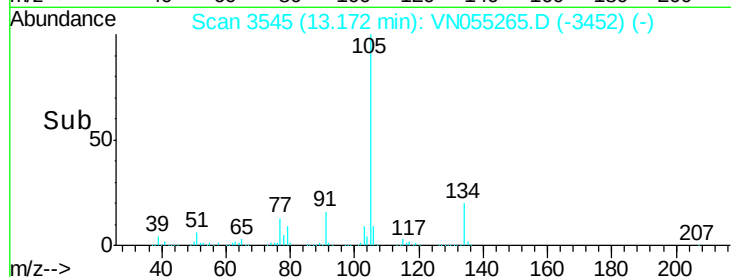
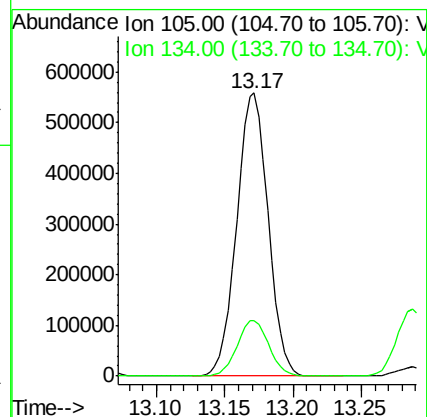
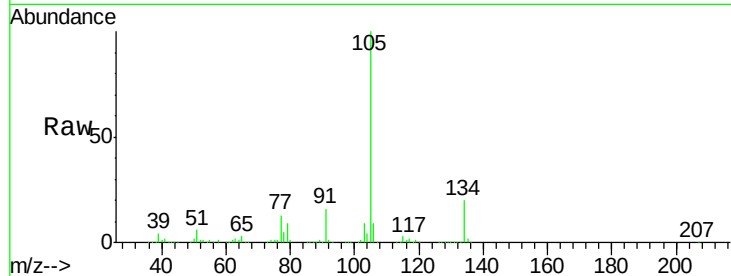
VSTDCCC050

Tot Ion:105 Resp: 890922

Ion Ratio Lower Upper

105 100

134 19.8 10.0 30.0



#86

p-Isopropyltoluene

Concen: 48.557 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

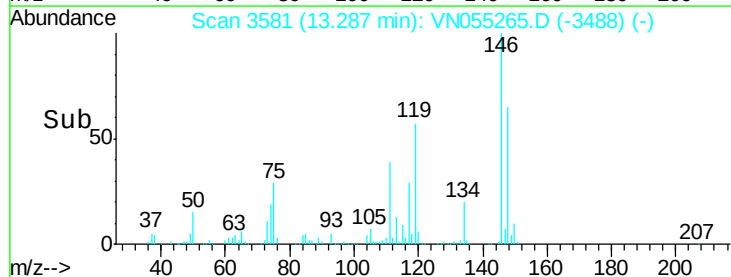
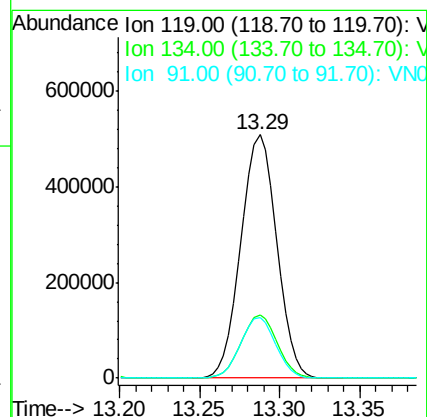
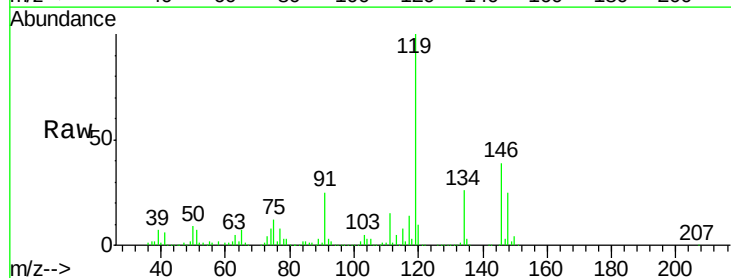
Tgt Ion:119 Resp: 776114

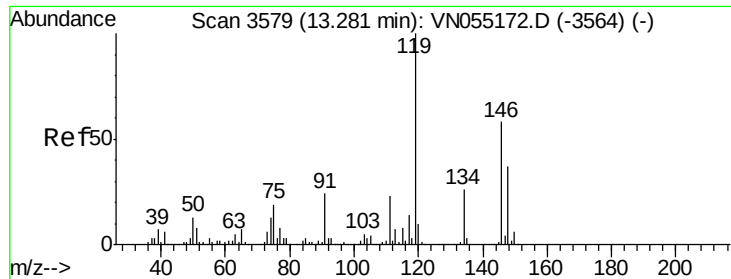
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 24.4 11.8 35.3

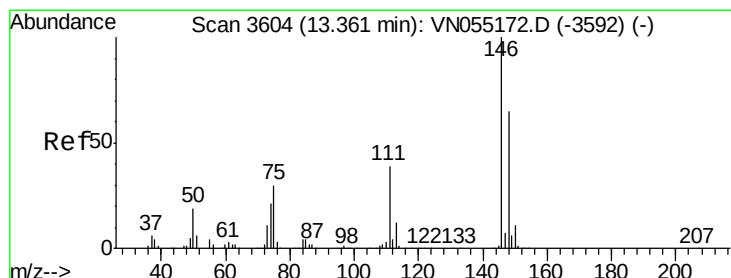
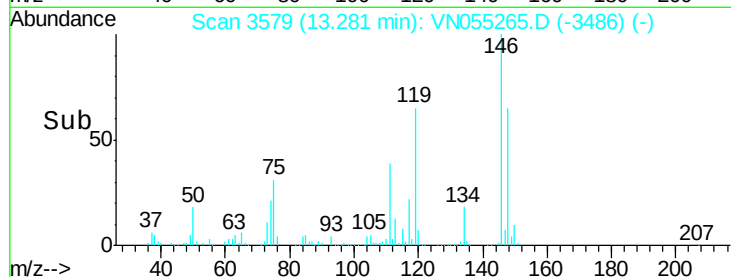
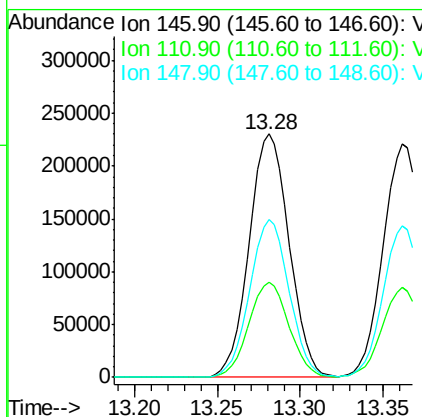
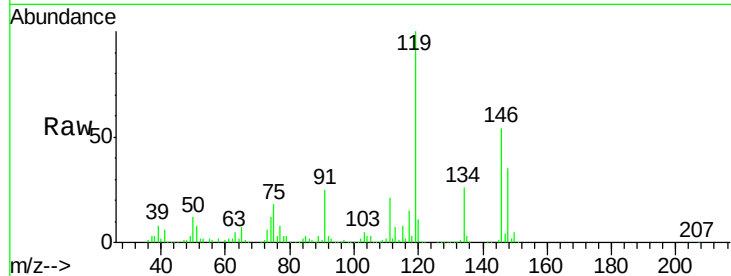




#87
 1,3-Dichlorobenzene
 Concen: 49.626 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055265.D
 Acq: 26 Apr 2019 10:07

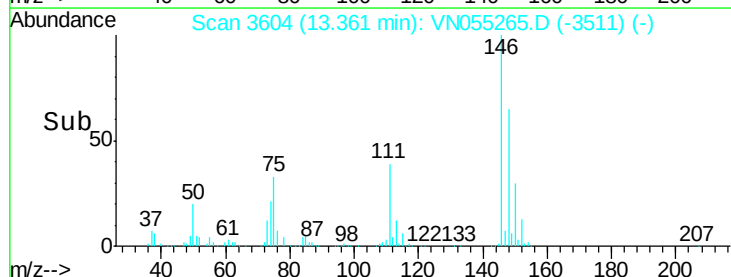
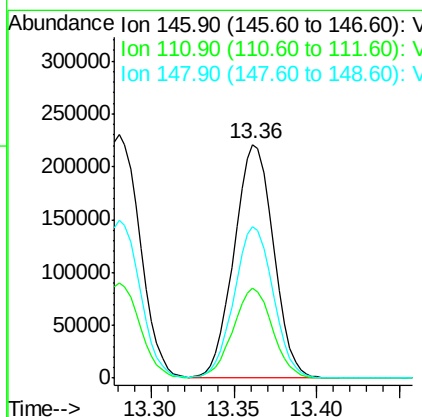
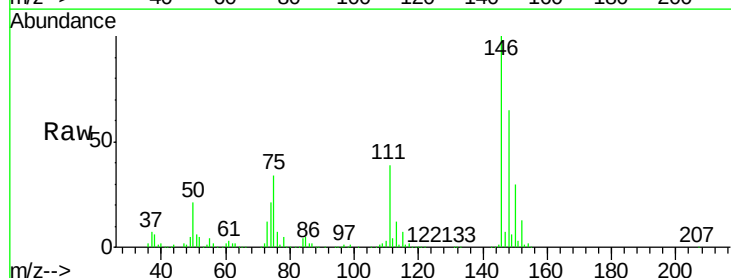
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

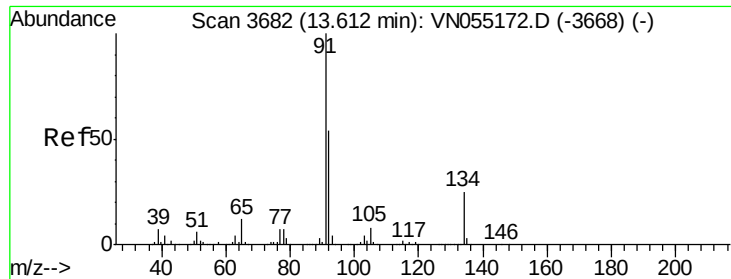
Tot Ion:146 Resp: 385266
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.7 59.1
 148 64.1 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 48.331 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055265.D
 Acq: 26 Apr 2019 10:07

Tgt Ion:146 Resp: 365302
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.4 58.2
 148 64.3 32.9 98.6





#89

n-Butylbenzene

Concen: 51.186 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

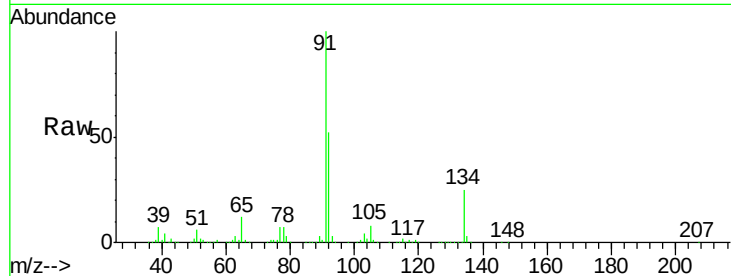
Tot Ion: 91 Resp: 606413

Ion Ratio Lower Upper

91 100

92 51.6 26.4 79.2

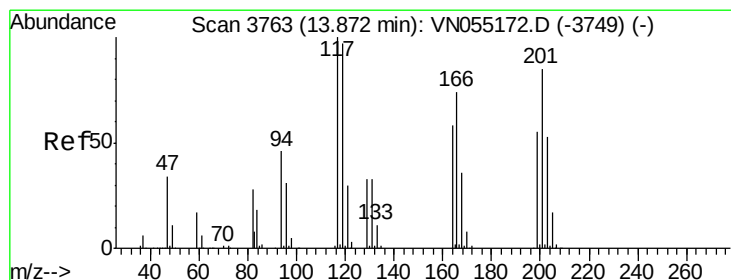
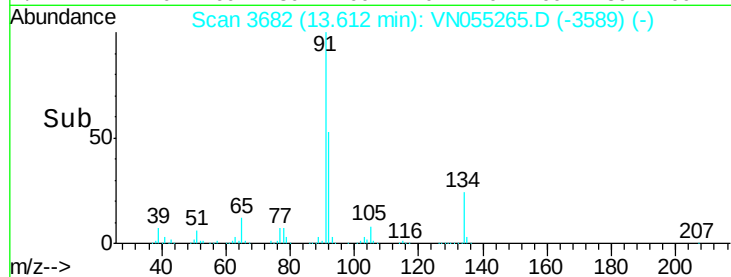
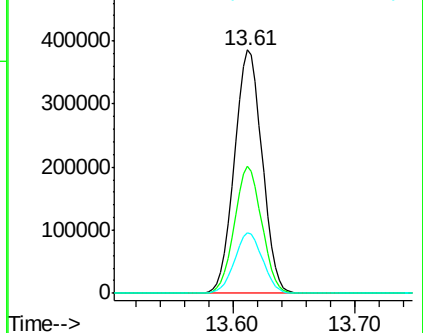
134 25.1 12.8 38.4



Abundance Ion 91.00 (90.70 to 91.70): VN055172.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN055172.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055172.D (-3668) (-)



#90

Hexachloroethane

Concen: 46.741 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055265.D

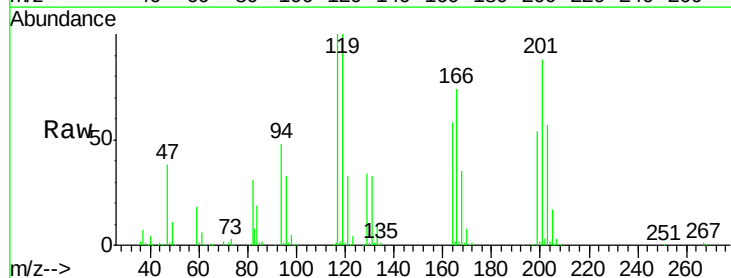
Acq: 26 Apr 2019 10:07

Tgt Ion: 117 Resp: 132498

Ion Ratio Lower Upper

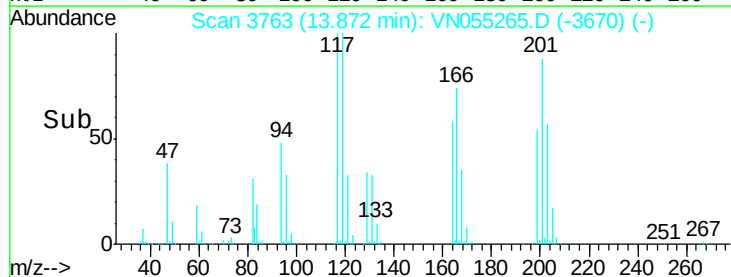
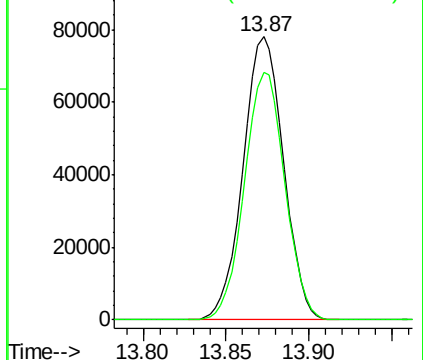
117 100

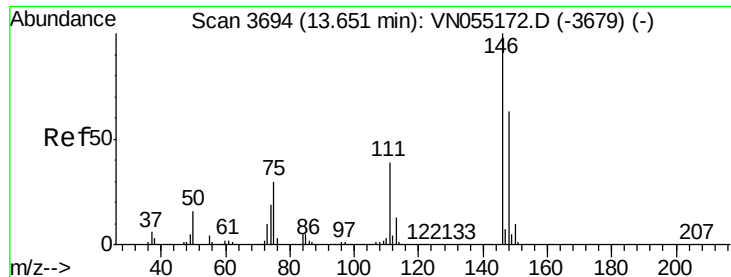
201 87.4 43.1 129.4



Abundance Ion 116.80 (116.50 to 117.50): VN055172.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055172.D (-3749) (-)

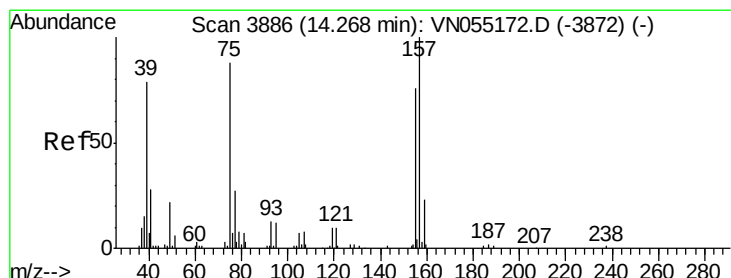
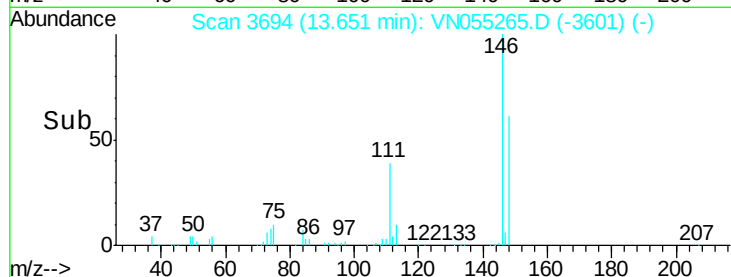
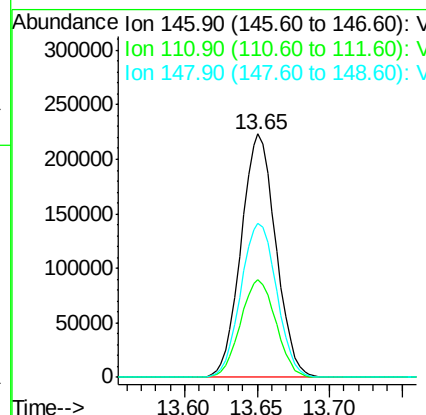
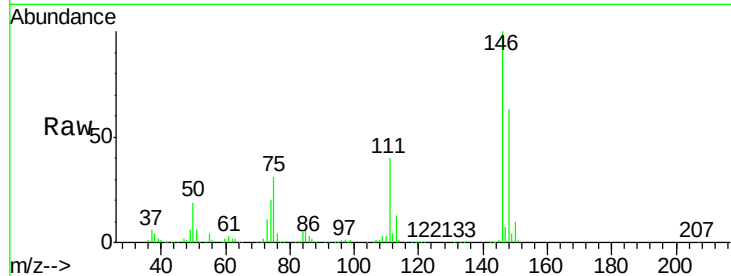




#91
 1,2-Dichlorobenzene
 Concen: 46.627 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN055265.D
 Acq: 26 Apr 2019 10:07

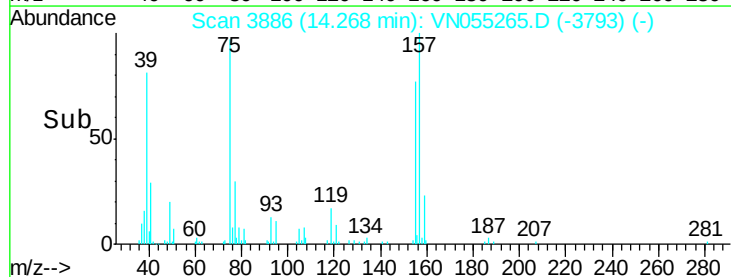
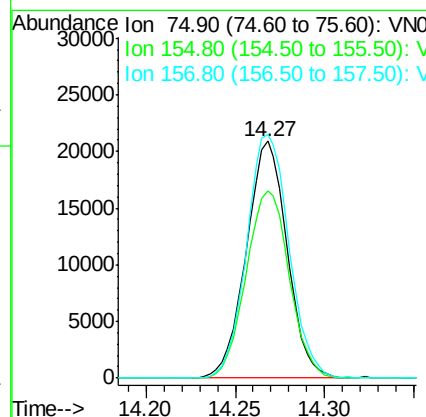
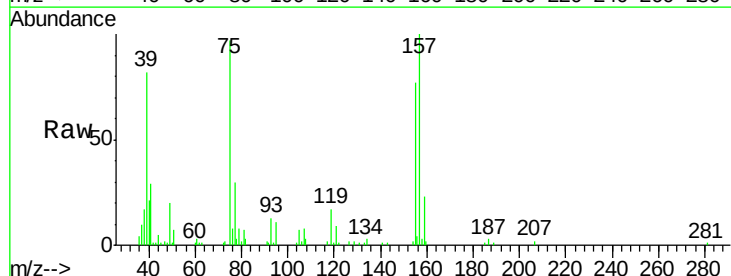
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

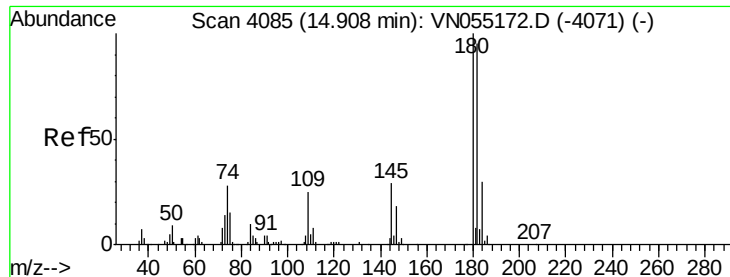
Tot Ion:146 Resp: 371802
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.8 59.3
 148 65.3 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.910 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN055265.D
 Acq: 26 Apr 2019 10:07

Tgt Ion: 75 Resp: 33327
 Ion Ratio Lower Upper
 75 100
 155 83.7 43.0 129.0
 157 106.6 55.7 167.1

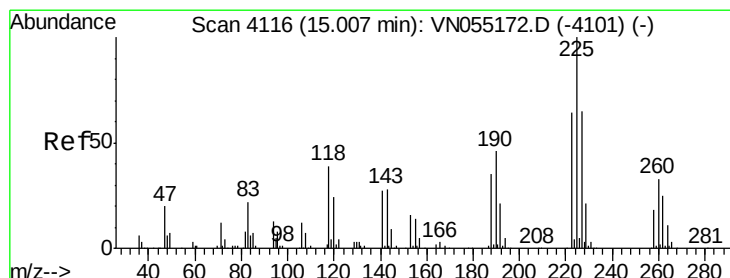
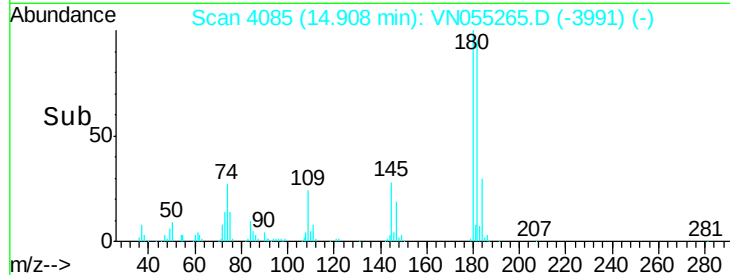
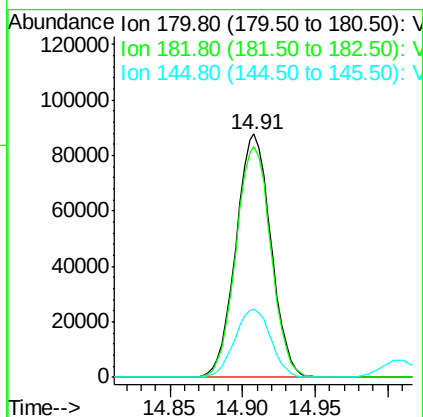
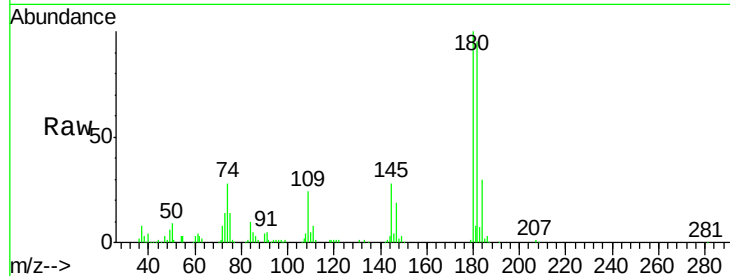




#93
 1,2,4-Trichlorobenzene
 Concen: 44.035 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055265.D
 Acq: 26 Apr 2019 10:07

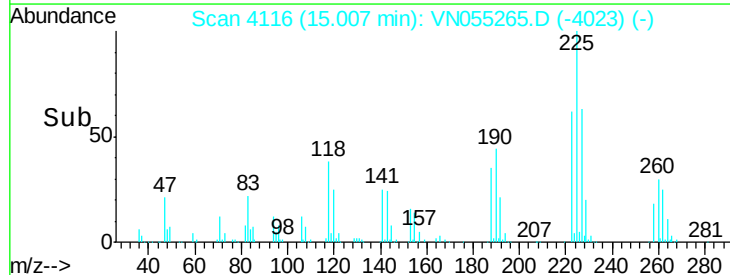
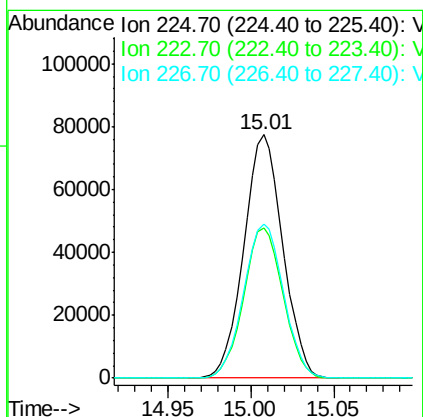
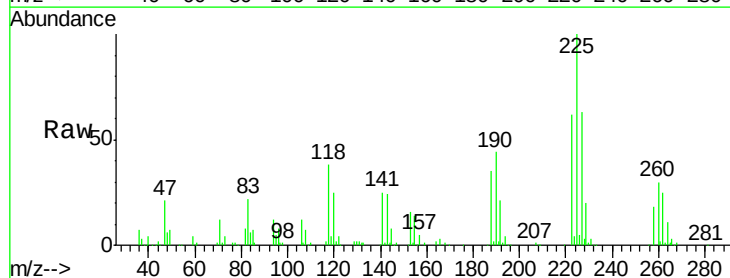
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

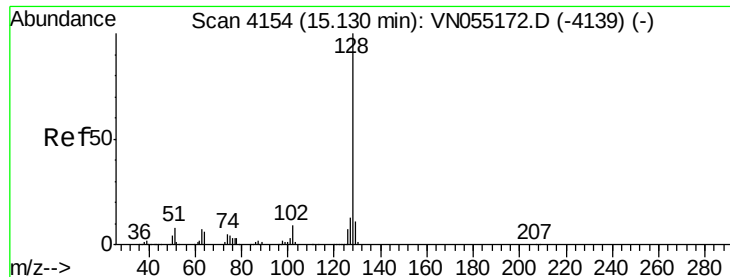
Tot Ion:180 Resp: 147178
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.8 143.4
 145 28.8 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 54.548 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055265.D
 Acq: 26 Apr 2019 10:07

Tgt Ion:225 Resp: 126126
 Ion Ratio Lower Upper
 225 100
 223 62.5 32.2 96.6
 227 65.0 32.6 98.0





#95

Naphthalene

Concen: 41.496 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

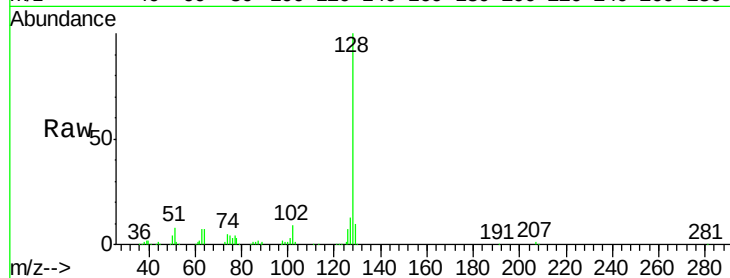
Tot Ion:128 Resp: 301027

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

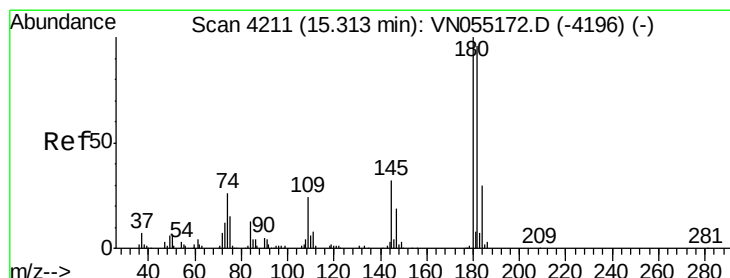
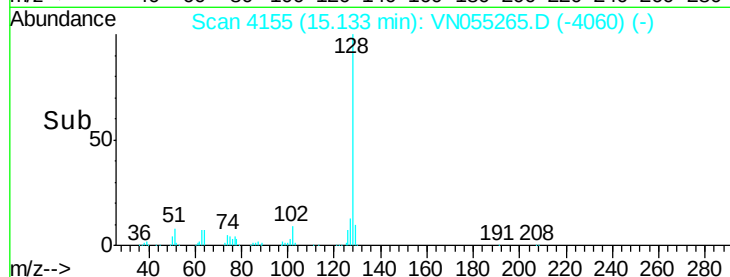
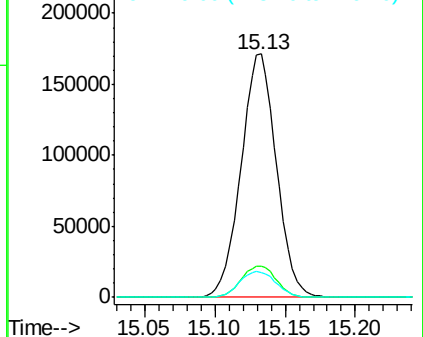
129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.092 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055265.D

Acq: 26 Apr 2019 10:07

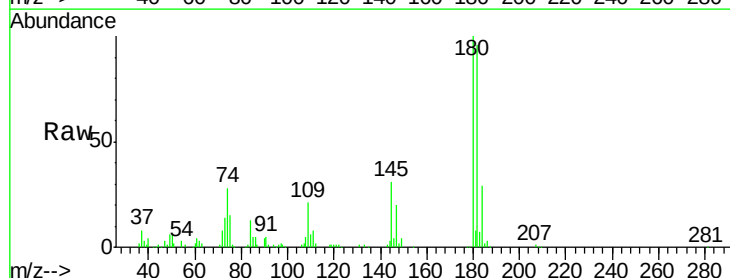
Tgt Ion:180 Resp: 150135

Ion Ratio Lower Upper

180 100

182 95.6 47.2 141.6

145 31.4 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

