

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
 Data File : VN055764.D
 Acq On : 23 May 2019 19:42
 Operator : JC/SP
 Sample : VN0523WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD01

Quant Time: May 24 06:51:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	377787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	537731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	472738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	203415	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	193584	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
35) Dibromofluoromethane	7.59	113	172574	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	10.09	98	651940	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.40	95	215263	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	45784	18.007	ug/l	100
3) Chloromethane	2.06	50	65361	18.348	ug/l	99
4) Vinyl Chloride	2.19	62	71663	18.861	ug/l	98
5) Bromomethane	2.54	94	49872	20.980	ug/l	98
6) Chloroethane	2.69	64	45185	19.752	ug/l	100
7) Trichlorofluoromethane	3.01	101	96493	19.371	ug/l	100
8) Diethyl Ether	3.40	74	42833	19.185	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	59100	19.006	ug/l	98
10) Methyl Iodide	3.94	142	89819	19.757	ug/l	99
11) Tert butyl alcohol	4.81	59	80190	107.574	ug/l	99
12) 1,1-Dichloroethene	3.72	96	62251	19.375	ug/l	97
13) Acrolein	3.60	56	46991	88.036	ug/l	99
14) Allyl chloride	4.31	41	102689	18.644	ug/l	99
15) Acrylonitrile	4.99	53	165702	96.804	ug/l	100
16) Acetone	3.82	43	138538	80.780	ug/l	100
17) Carbon Disulfide	4.04	76	165232	18.101	ug/l	100
18) Methyl Acetate	4.33	43	70141	19.342	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	207331	19.348	ug/l	98
20) Methylene Chloride	4.55	84	69896	18.819	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	65586	19.001	ug/l	95
22) Diisopropyl ether	5.96	45	202366	18.890	ug/l	99
23) Vinyl Acetate	5.90	43	880635	95.877	ug/l	99
24) 1,1-Dichloroethane	5.84	63	117654	18.863	ug/l	100
25) 2-Butanone	6.84	43	216669	90.462	ug/l	98
26) 2,2-Dichloropropane	6.82	77	90316	16.731	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	79226	19.673	ug/l	97
28) Bromochloromethane	7.19	49	60234	20.283	ug/l	96
29) Tetrahydrofuran	7.22	42	147250	97.081	ug/l	99
30) Chloroform	7.37	83	120373	19.351	ug/l	98
31) Cyclohexane	7.65	56	111495	19.039	ug/l #	93
32) 1,1,1-Trichloroethane	7.57	97	108520	19.550	ug/l	99
36) 1,1-Dichloropropene	7.79	75	87299	18.629	ug/l	99
37) Ethyl Acetate	6.93	43	90903	20.071	ug/l	98
38) Carbon Tetrachloride	7.77	117	95854	19.637	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	108363	18.674	ug/l	98
40) Benzene	8.04	78	278142	19.694	ug/l	99
41) Methacrylonitrile	7.18	41	41140	17.980	ug/l	95
42) 1,2-Dichloroethane	8.12	62	91078	19.736	ug/l	100
43) Isopropyl Acetate	8.17	43	147029	19.321	ug/l #	92
44) Trichloroethene	8.83	130	80452	20.434	ug/l	98
45) 1,2-Dichloropropane	9.12	63	72296	19.648	ug/l	99
46) Dibromomethane	9.21	93	47857	19.832	ug/l	95
47) Bromodichloromethane	9.40	83	96382	19.478	ug/l	99
48) Methyl methacrylate	9.20	41	70990	20.242	ug/l	99
49) 1,4-Dioxane	9.20	88	30575	419.519	ug/l	91
51) 4-Methyl-2-Pentanone	9.99	43	445938	99.223	ug/l	100
52) Toluene	10.16	92	175525	19.761	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	98423	18.634	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	111963	19.135	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	69603	19.560	ug/l	98
56) Ethyl methacrylate	10.43	69	107910	19.622	ug/l	100
57) 1,3-Dichloropropane	10.71	76	112820	19.505	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	199972	95.151	ug/l	99
59) 2-Hexanone	10.75	43	306620	96.171	ug/l	99
60) Dibromochloromethane	10.90	129	83537	20.152	ug/l	99
61) 1,2-Dibromoethane	11.01	107	73434	19.896	ug/l	99
64) Tetrachloroethene	10.63	164	82205	20.617	ug/l	99
65) Chlorobenzene	11.43	112	190089	20.086	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	75639	20.040	ug/l	100
67) Ethyl Benzene	11.51	91	330328	19.464	ug/l	98
68) m/p-Xylenes	11.62	106	253907	39.575	ug/l	100
69) o-Xylene	11.95	106	126841	19.927	ug/l	100
70) Styrene	11.96	104	204726	19.860	ug/l	100
71) Bromoform	12.13	173	64377	19.996	ug/l #	99
73) Isopropylbenzene	12.25	105	333583	21.536	ug/l	99
74) N-amyl acetate	12.07	43	117078	19.882	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	97902	20.919	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	117847	32.546	ug/l #	100
77) Bromobenzene	12.53	156	87741	20.214	ug/l	97
78) n-propylbenzene	12.59	91	343263	19.416	ug/l	99
79) 2-Chlorotoluene	12.67	91	213725	20.963	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	274640	21.068	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	27388	18.116	ug/l	96
82) 4-Chlorotoluene	12.77	91	201001	19.341	ug/l	100
83) tert-Butylbenzene	12.99	119	243331	21.381	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	269942	20.834	ug/l	99
85) sec-Butylbenzene	13.17	105	305497	20.937	ug/l	98
86) p-Isopropyltoluene	13.29	119	280283	19.841	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	136341	19.837	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	128753	19.703	ug/l	99
89) n-Butylbenzene	13.61	91	201399	18.607	ug/l	99
90) Hexachloroethane	13.87	117	52691	19.596	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	137392	20.036	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16973	18.832	ug/l	91

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Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

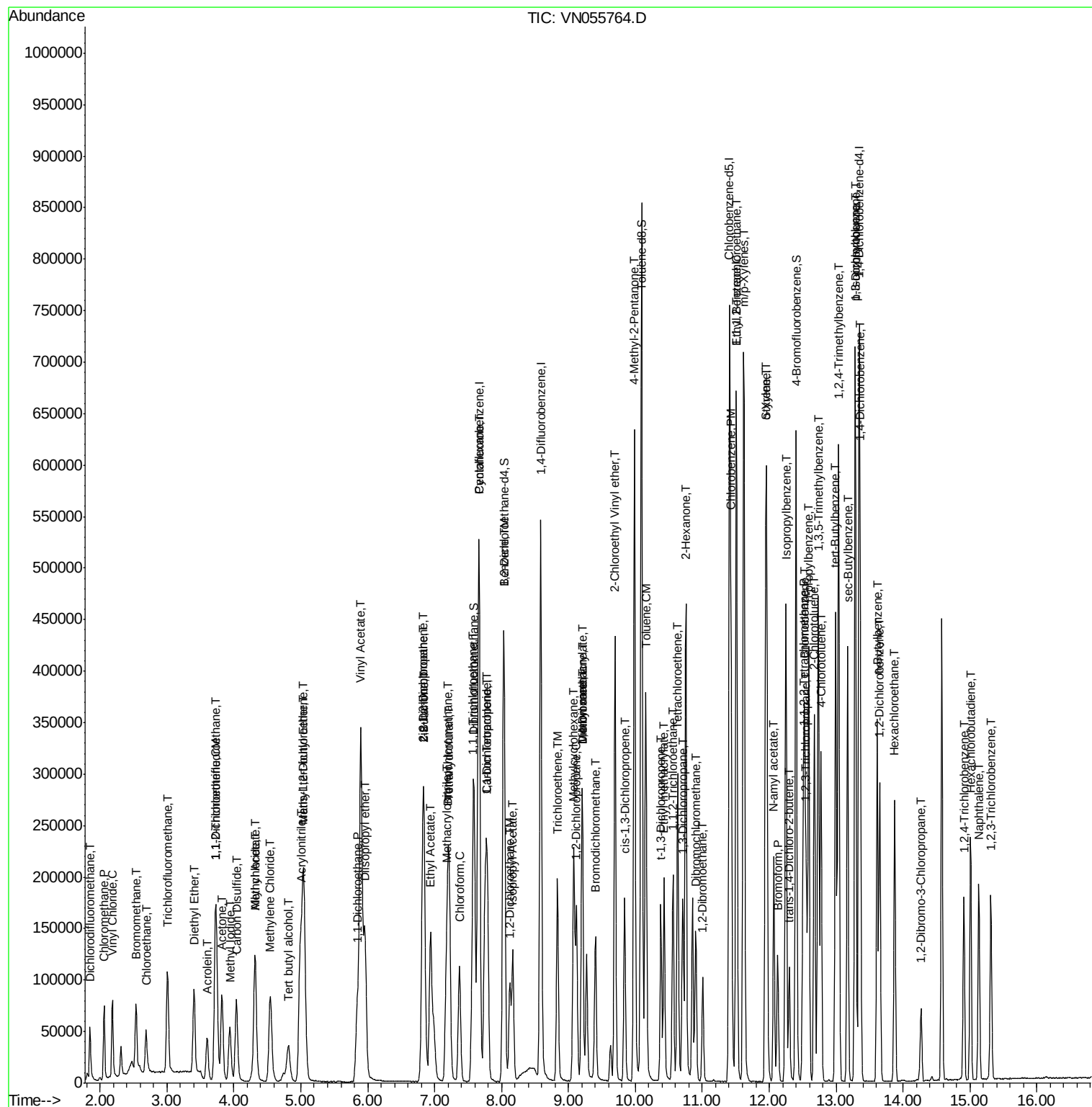
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	64318	18.753	ug/l	99
94) Hexachlorobutadiene	15.01	225	55069	21.788	ug/l	99
95) Naphthalene	15.13	128	175942	18.698	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	70084	19.334	ug/l	98

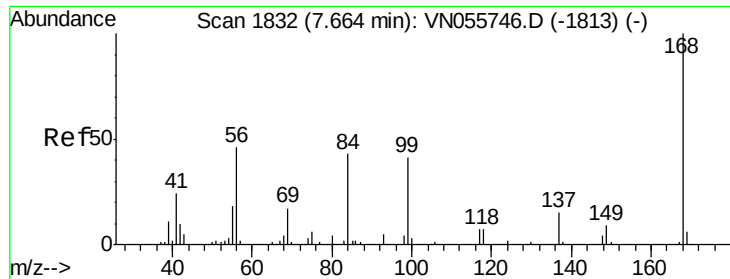
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055764.D

Acq: 23 May 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

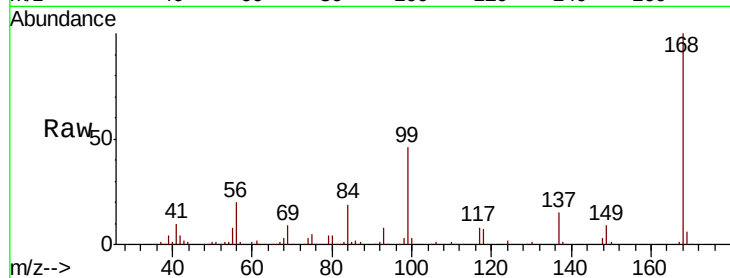
VN0523WBSD01

Tot Ion:168 Resp: 377787

Ion Ratio Lower Upper

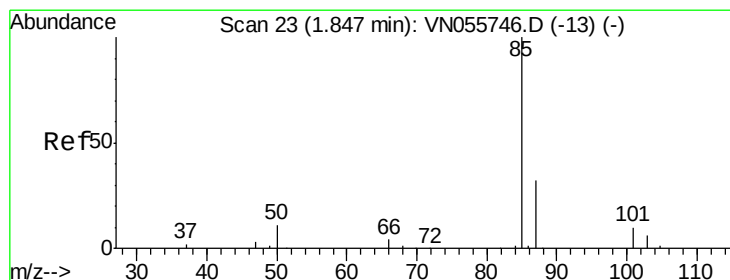
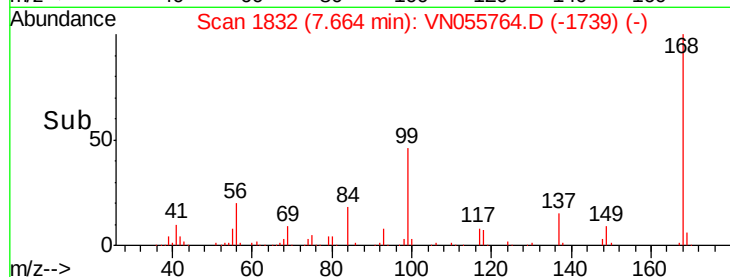
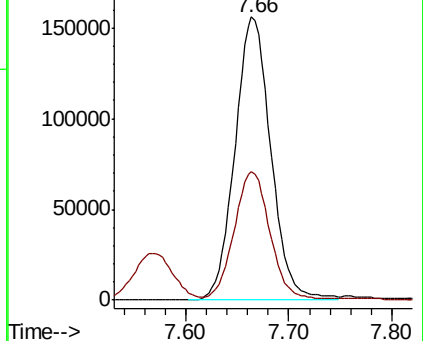
168 100

99 44.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 18.007 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055764.D

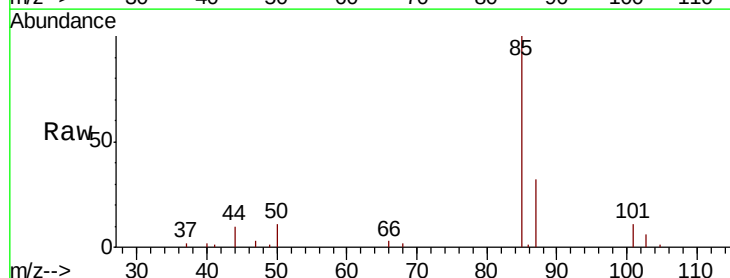
Acq: 23 May 2019 19:42

Tgt Ion: 85 Resp: 45784

Ion Ratio Lower Upper

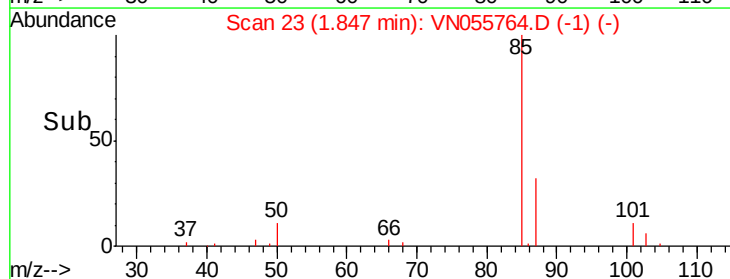
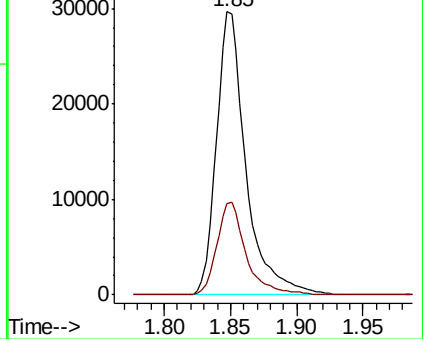
85 100

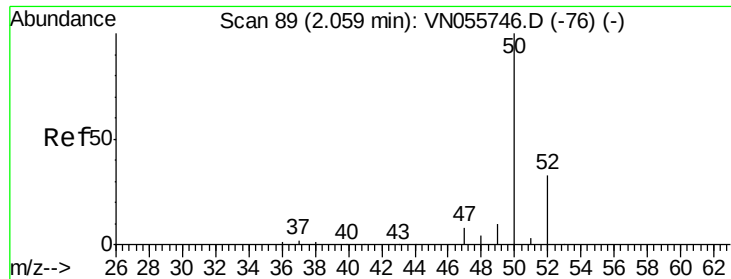
87 32.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

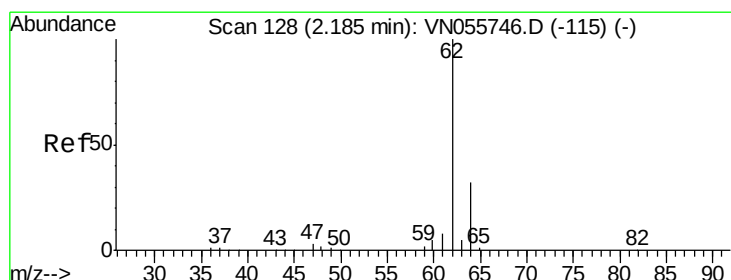
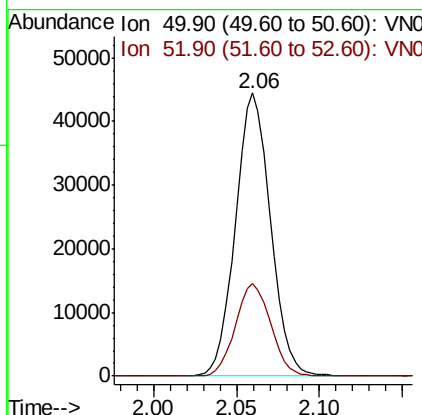
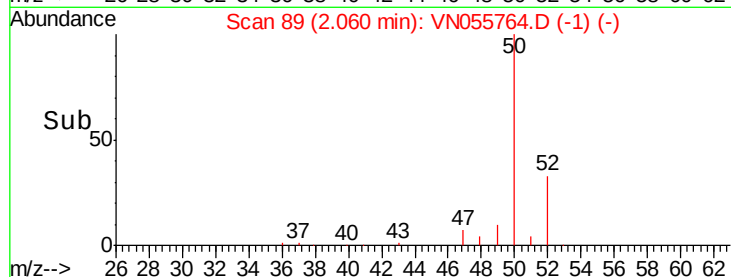
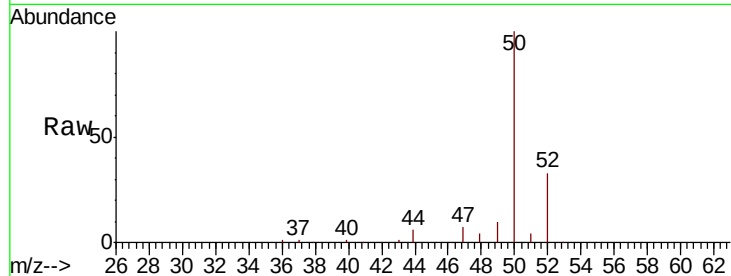




#3
Chloromethane
Concen: 18.348 ug/l
RT: 2.06 min Scan# 89
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

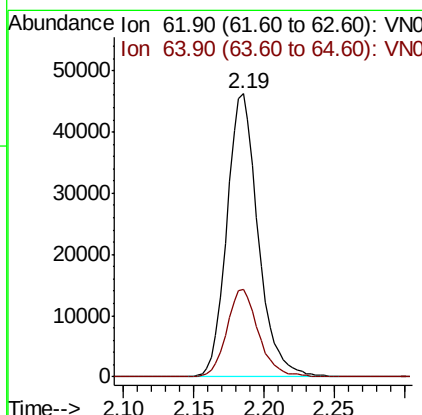
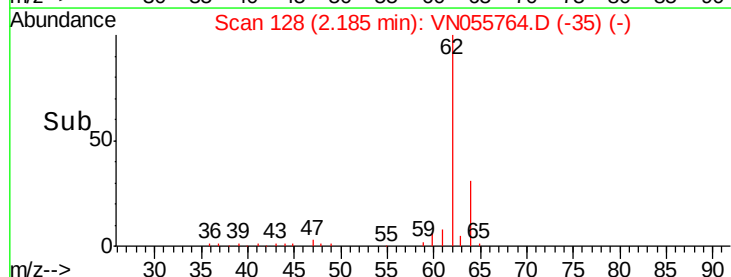
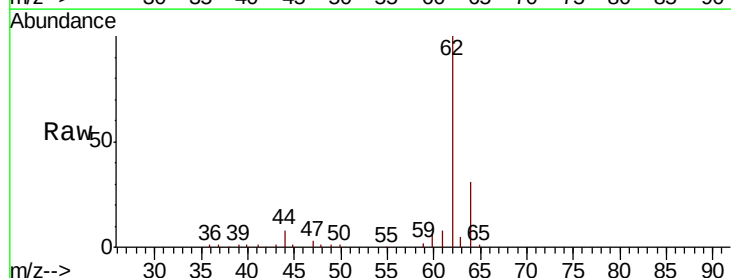
Instrument :
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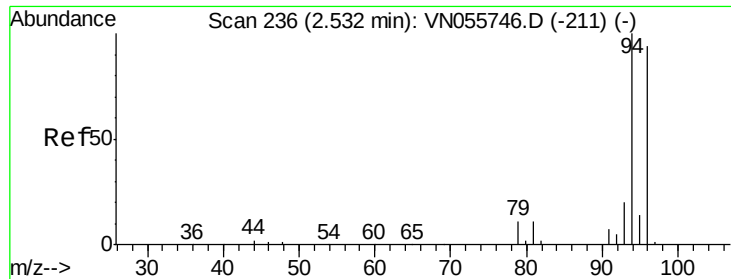
Tot Ion: 50 Resp: 65361
Ion Ratio Lower Upper
50 100
52 32.5 26.6 40.0



#4
Vinyl Chloride
Concen: 18.861 ug/l
RT: 2.19 min Scan# 128
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

Tgt Ion: 62 Resp: 71663
Ion Ratio Lower Upper
62 100
64 31.0 25.6 38.4

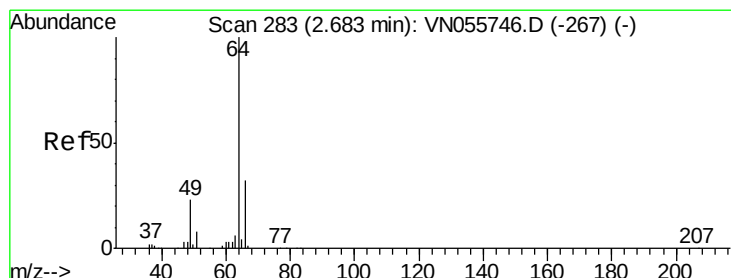
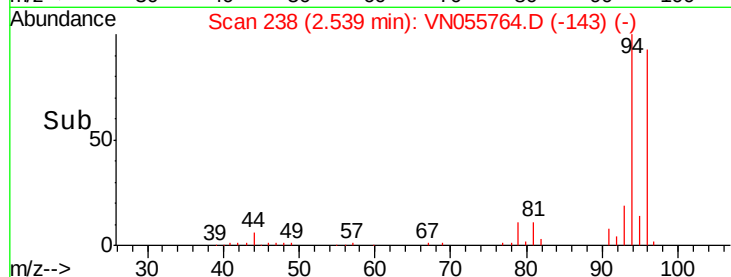
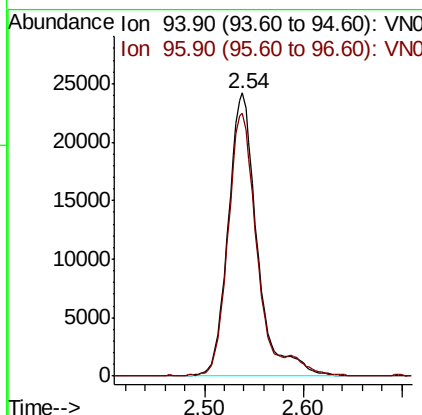
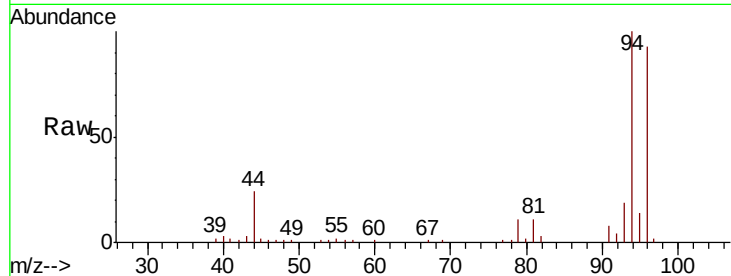




#5
Bromomethane
Concen: 20.980 ug/l
RT: 2.54 min Scan# 238
Delta R.T. 0.01 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

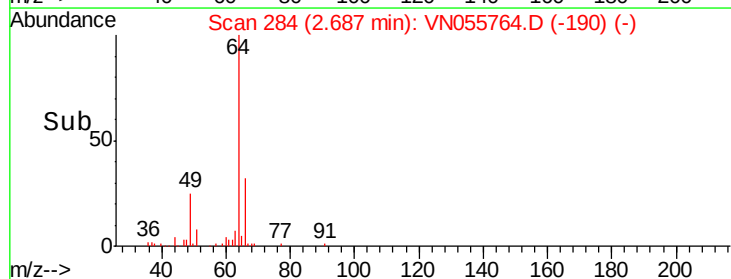
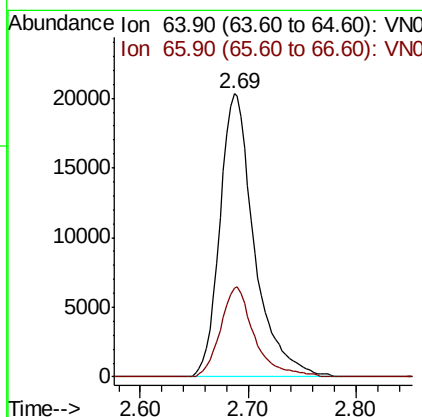
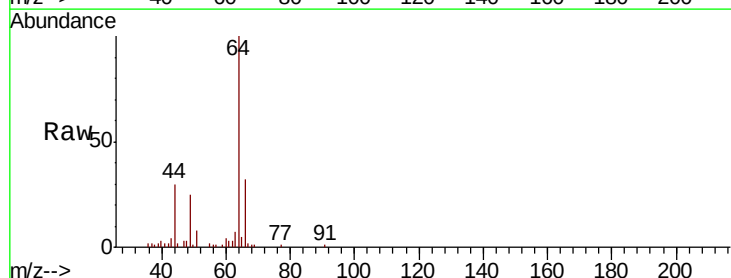
Instrument :
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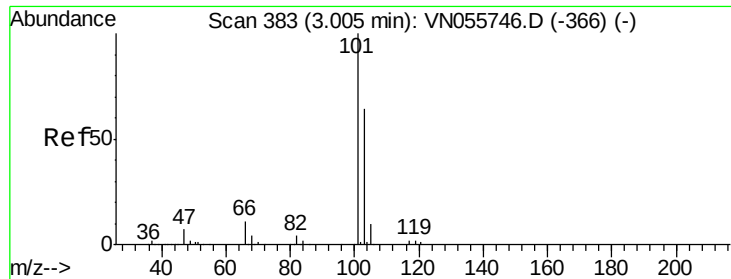
Tot Ion: 94 Resp: 49872
Ion Ratio Lower Upper
94 100
96 92.1 75.5 113.3



#6
Chloroethane
Concen: 19.752 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

Tgt Ion: 64 Resp: 45185
Ion Ratio Lower Upper
64 100
66 31.5 25.4 38.0



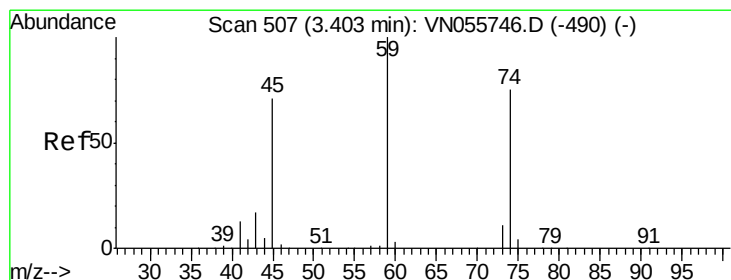
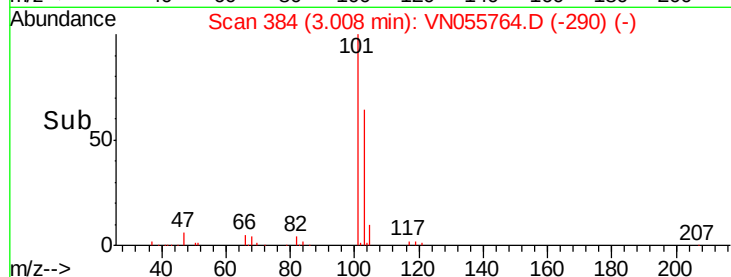
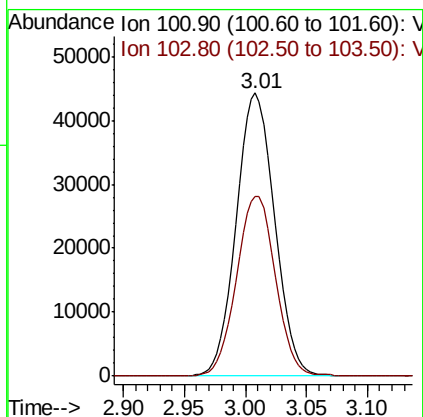
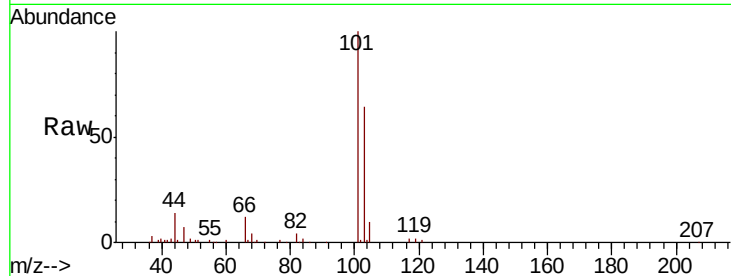


#7

Trichlorofluoromethane
 Concen: 19.371 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: VN055764.D
 Acq: 23 May 2019 19:42

Instrument :
 MSVOA_N
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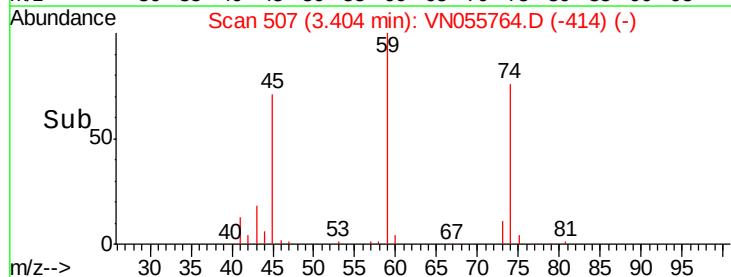
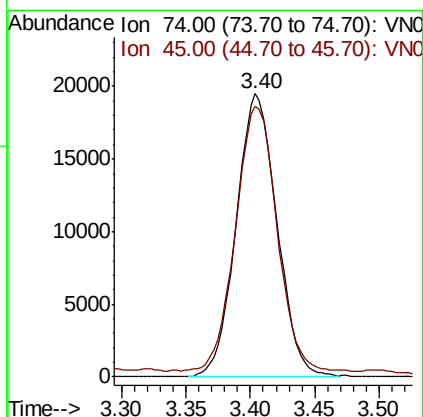
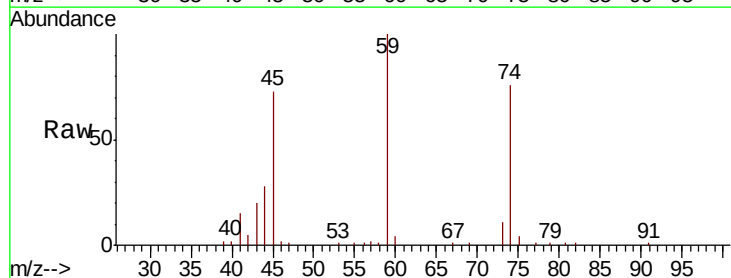
Tot Ion:101 Resp: 96493
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.2 76.8

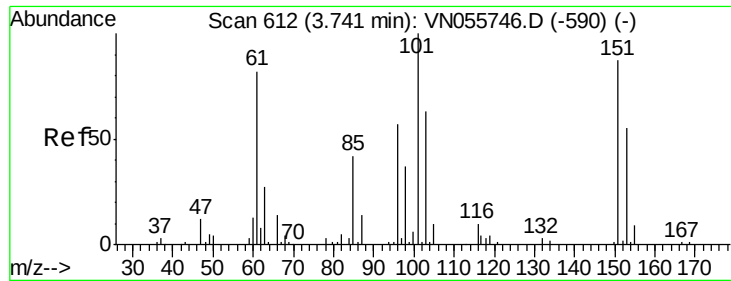


#8

Diethyl Ether
 Concen: 19.185 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN055764.D
 Acq: 23 May 2019 19:42

Tgt Ion: 74 Resp: 42833
 Ion Ratio Lower Upper
 74 100
 45 95.0 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.006 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN055764.D

Acq: 23 May 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD01

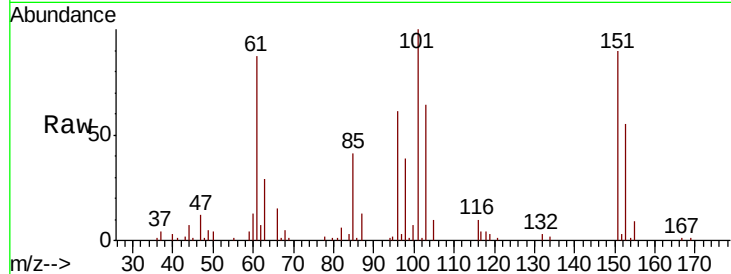
Tot Ion:101 Resp: 59100

Ion Ratio Lower Upper

101 100

85 41.5 33.4 50.2

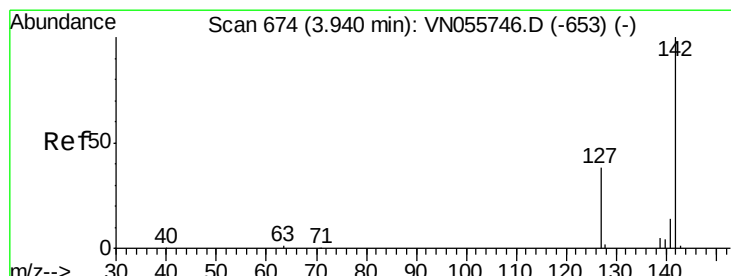
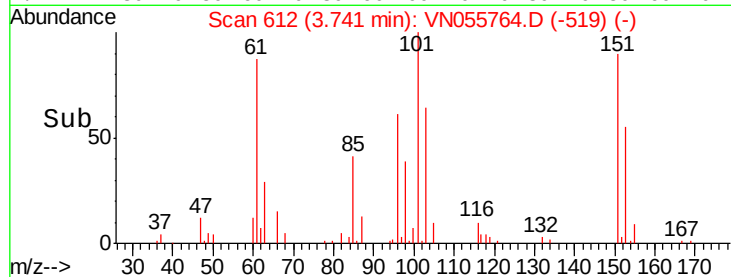
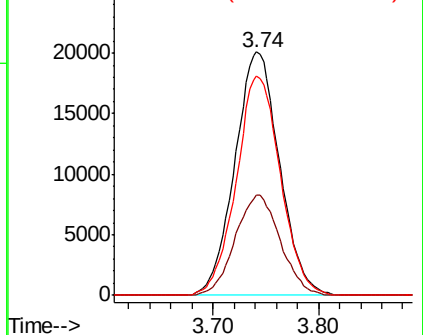
151 89.0 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.757 ug/l

RT: 3.94 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN055764.D

Acq: 23 May 2019 19:42

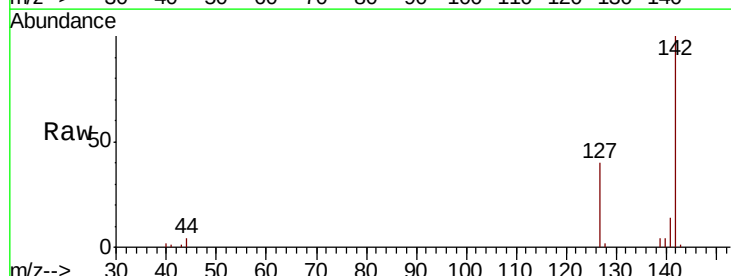
Tgt Ion:142 Resp: 89819

Ion Ratio Lower Upper

142 100

127 39.4 31.0 46.4

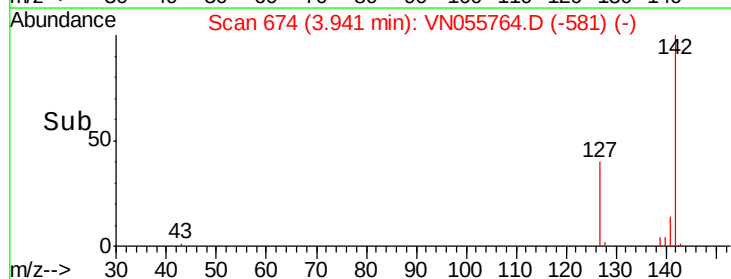
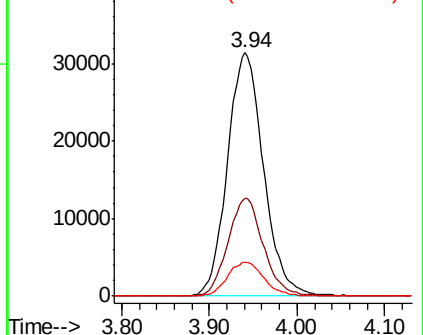
141 14.0 11.4 17.0

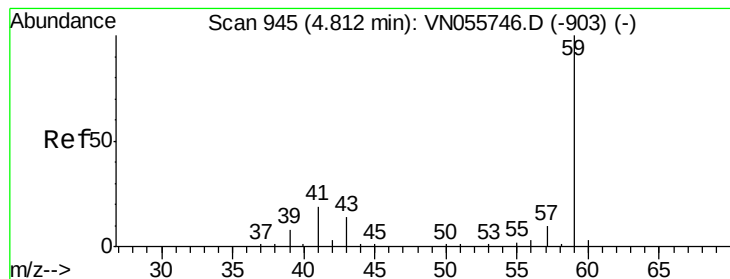


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



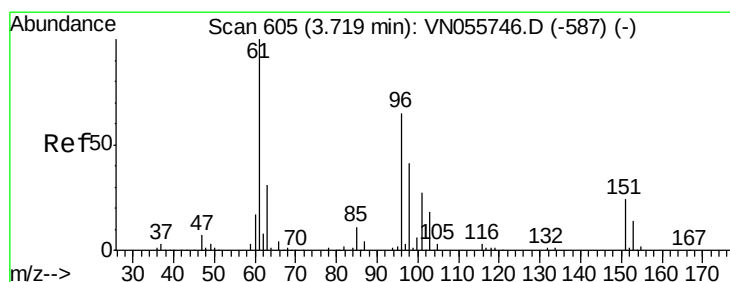
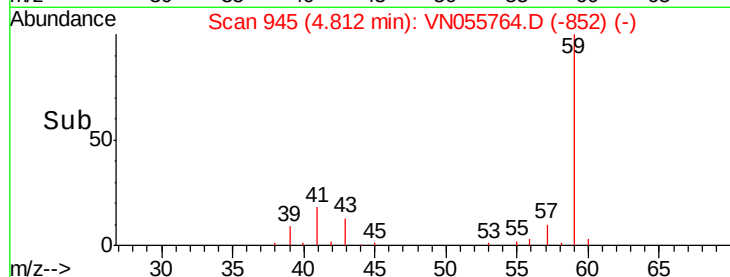
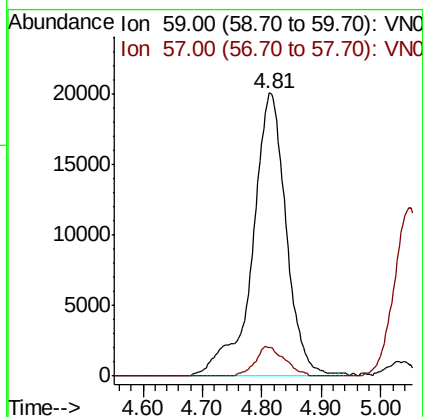
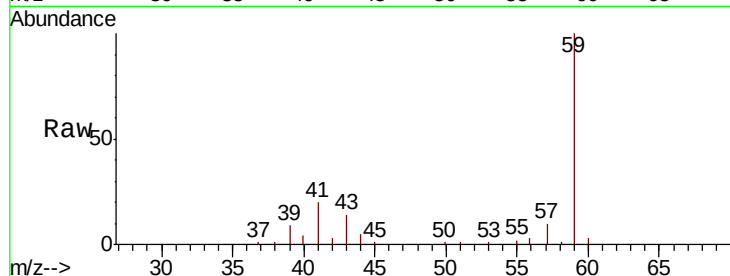


#11

Tert butyl alcohol
Concen: 107.574 ug/l
RT: 4.81 min Scan# 945
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

Instrument :
MSVOA_N
ClientSampled :
VN0523WBSD01

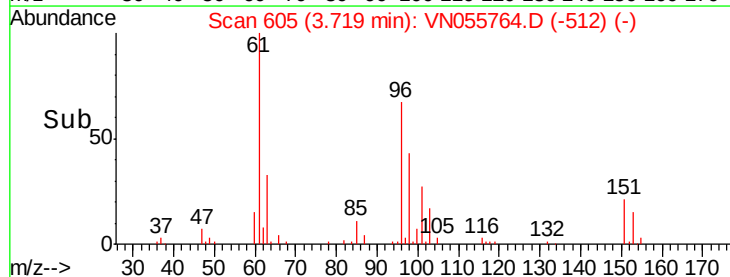
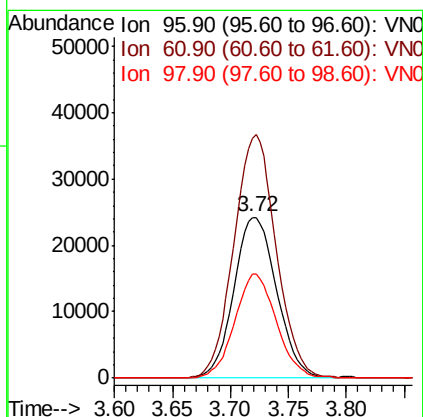
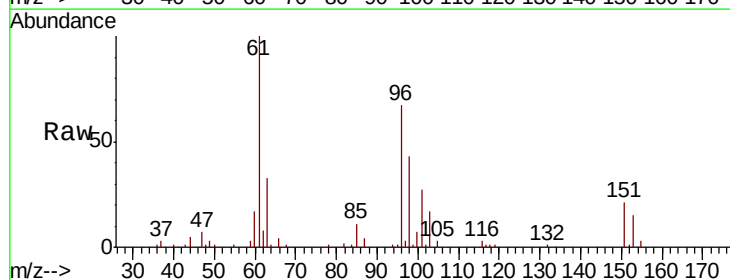
Tot Ion: 59 Resp: 80190
Ion Ratio Lower Upper
59 100
57 9.2 7.8 11.6

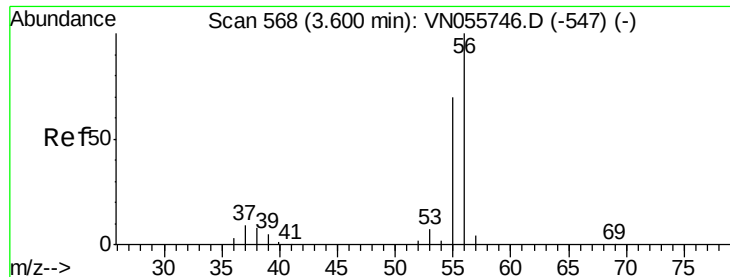


#12

1,1-Dichloroethene
Concen: 19.375 ug/l
RT: 3.72 min Scan# 605
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

Tgt Ion: 96 Resp: 62251
Ion Ratio Lower Upper
96 100
61 149.2 123.2 184.8
98 64.5 50.4 75.6





#13

Acrolein

Concen: 88.036 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN055764.D

Acq: 23 May 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

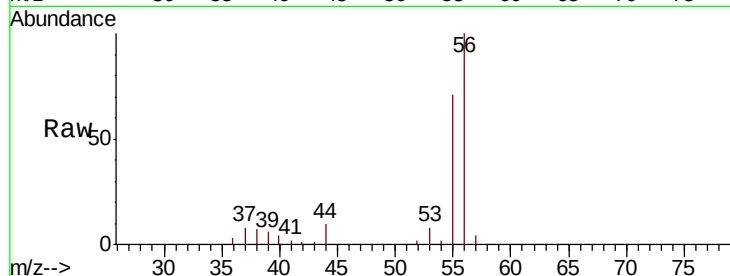
VN0523WBSD01

Tot Ion: 56 Resp: 46991

Ion Ratio Lower Upper

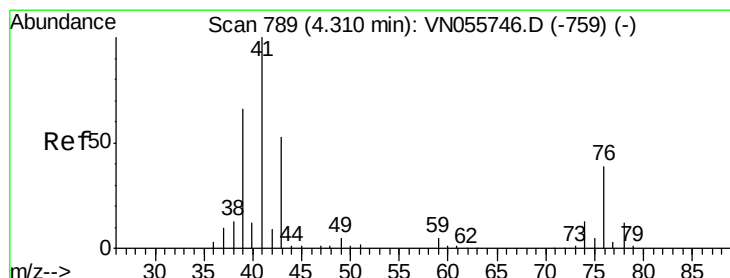
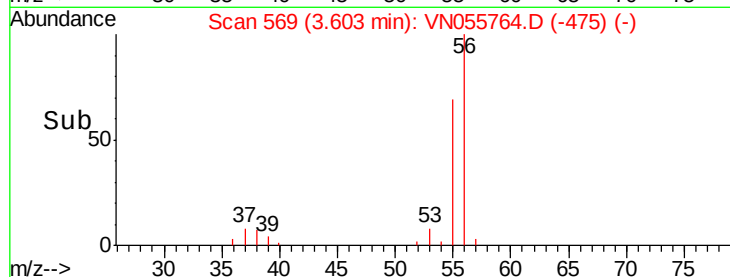
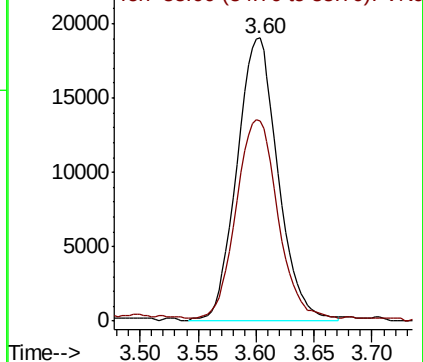
56 100

55 70.2 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.644 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN055764.D

Acq: 23 May 2019 19:42

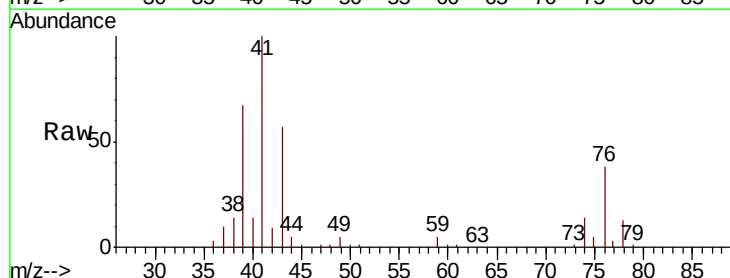
Tgt Ion: 41 Resp: 102689

Ion Ratio Lower Upper

41 100

39 62.4 50.0 75.0

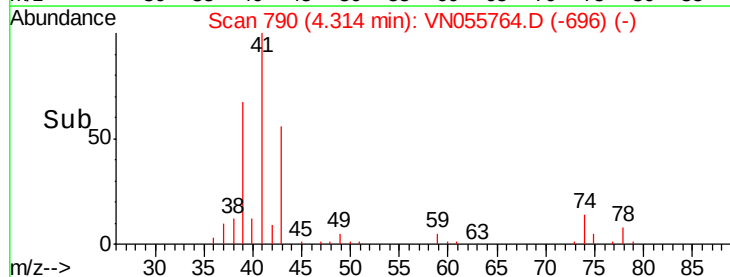
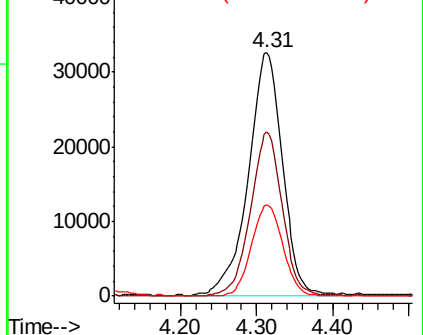
76 34.2 28.2 42.2

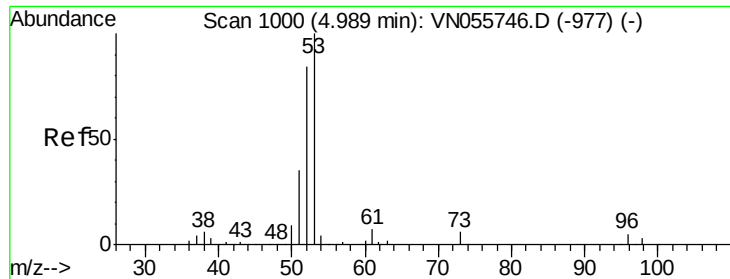


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

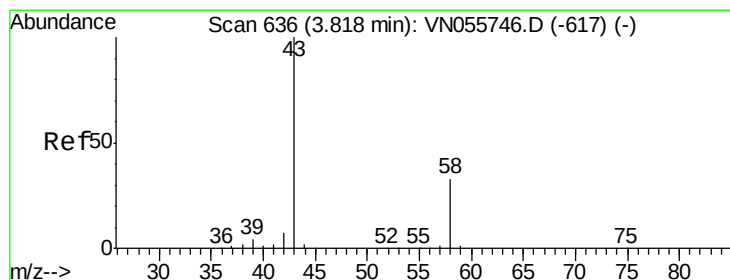
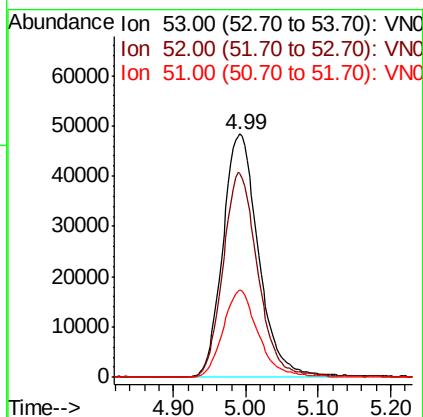
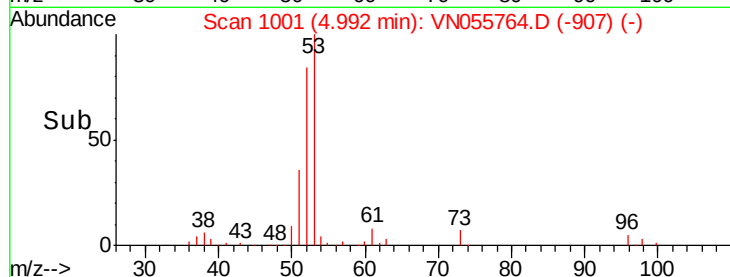
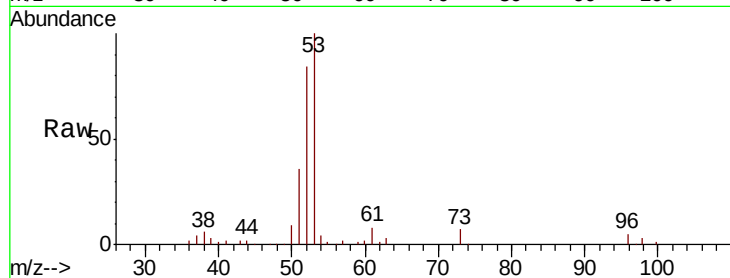




#15
 Acrylonitrile
 Concen: 96.804 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN055764.D
 Acq: 23 May 2019 19:42

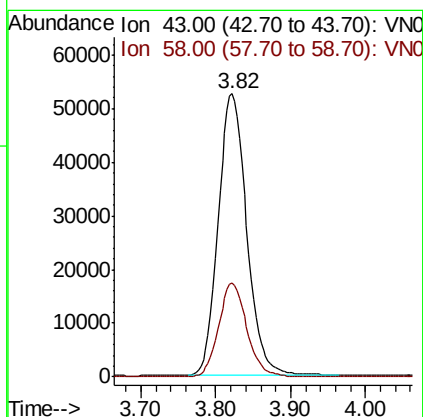
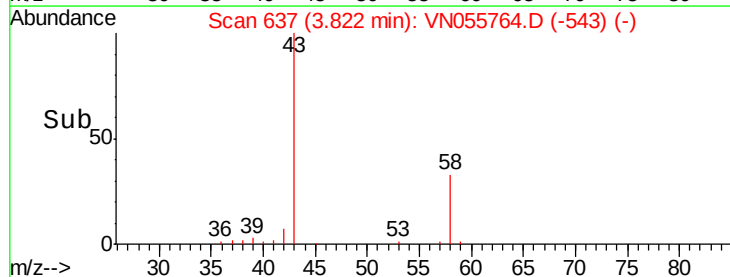
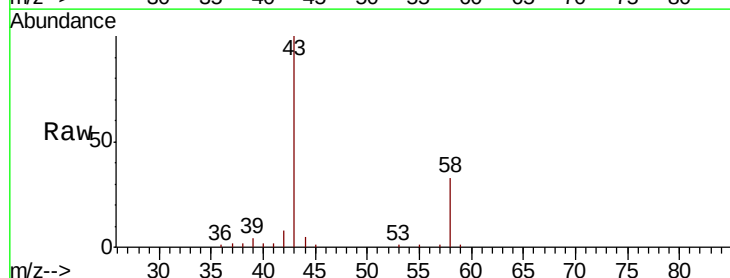
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD01

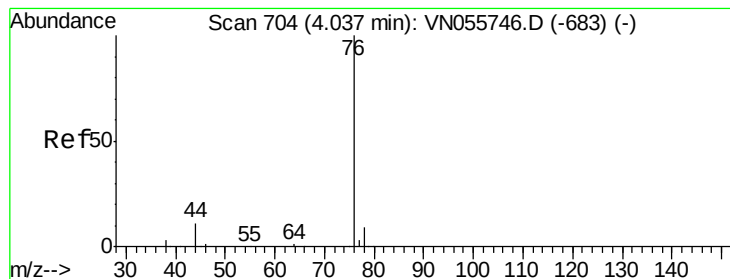
Tot Ion: 53 Resp: 165702
 Ion Ratio Lower Upper
 53 100
 52 82.2 65.8 98.8
 51 35.3 28.2 42.4



#16
 Acetone
 Concen: 80.780 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN055764.D
 Acq: 23 May 2019 19:42

Tgt Ion: 43 Resp: 138538
 Ion Ratio Lower Upper
 43 100
 58 33.3 26.6 39.8





#17

Carbon Disulfide

Concen: 18.101 ug/l

RT: 4.04 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN055764.D

Acq: 23 May 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

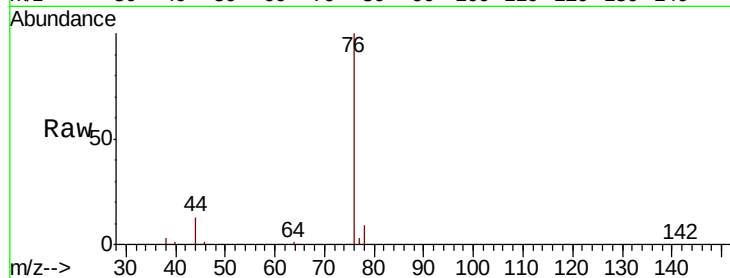
VN0523WBSD01

Tot Ion: 76 Resp: 165232

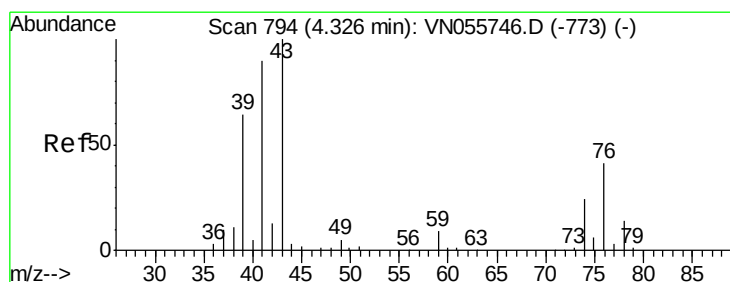
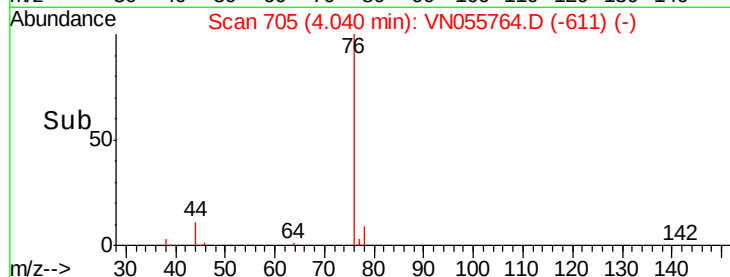
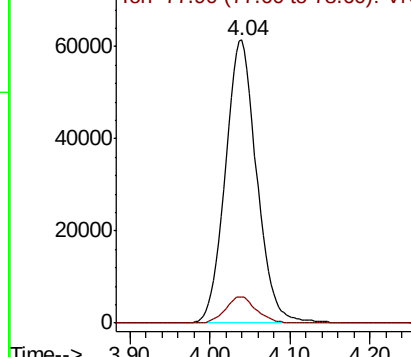
Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 19.342 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055764.D

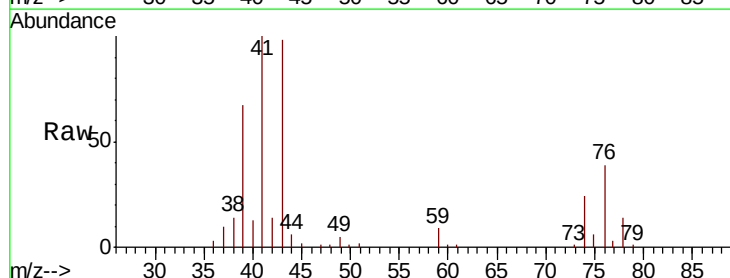
Acq: 23 May 2019 19:42

Tgt Ion: 43 Resp: 70141

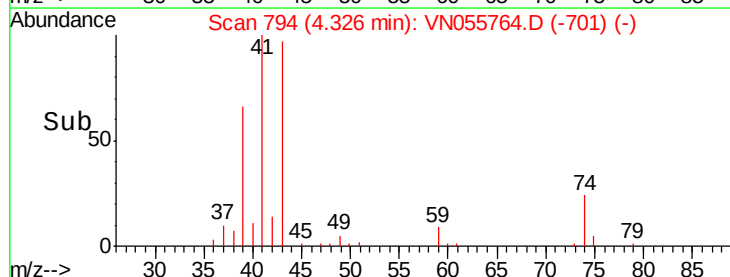
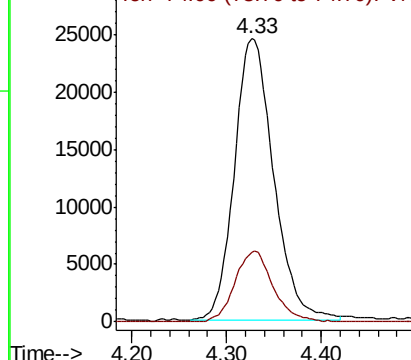
Ion Ratio Lower Upper

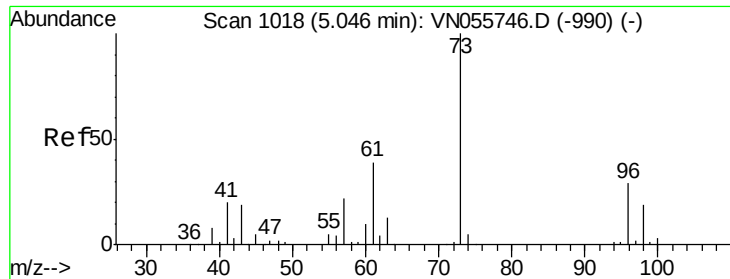
43 100

74 24.5 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO



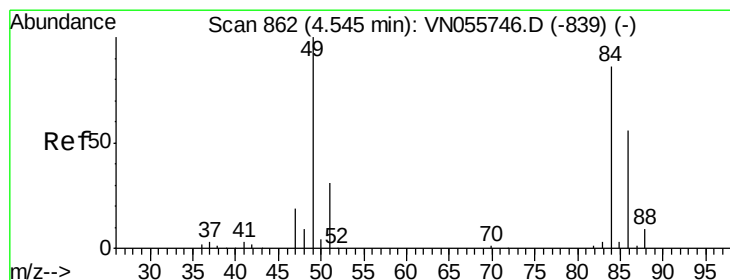
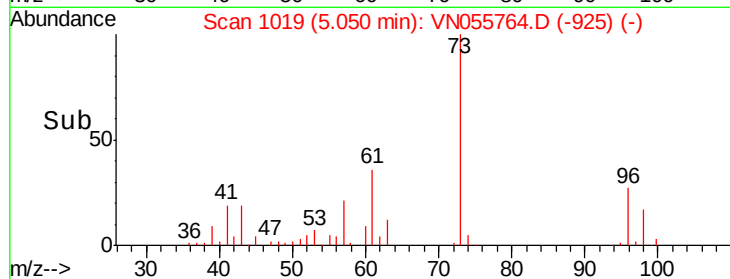
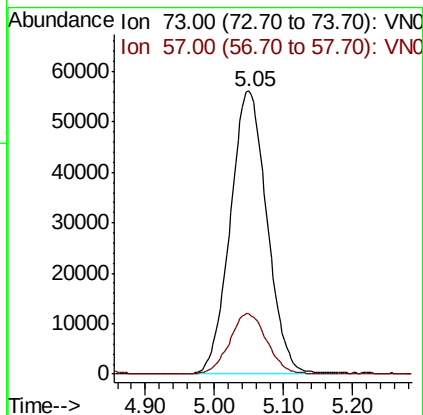
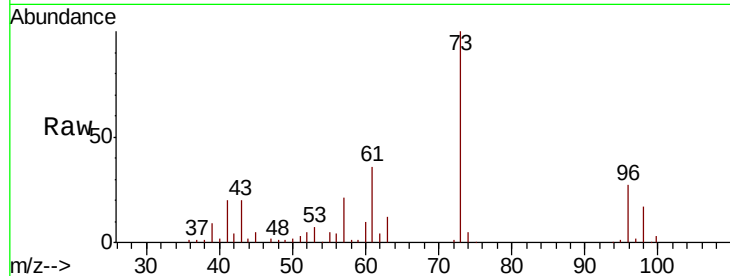


#19

Methyl tert-butyl Ether
 Concen: 19.348 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VN055764.D
 Acq: 23 May 2019 19:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD01

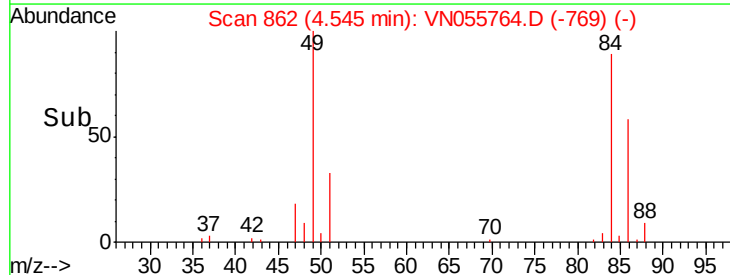
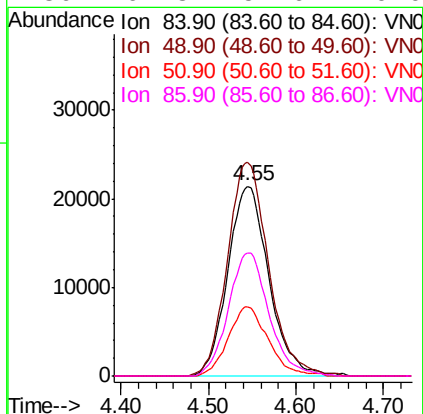
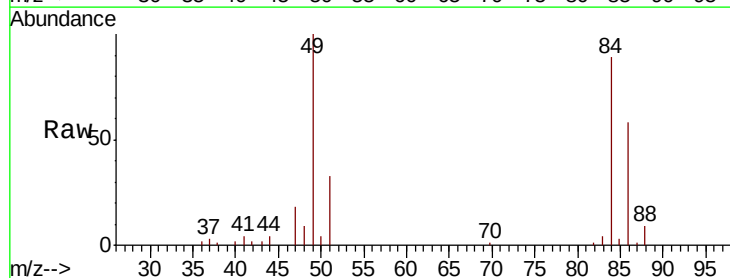
Tot Ion: 73 Resp: 207331
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.8 26.8

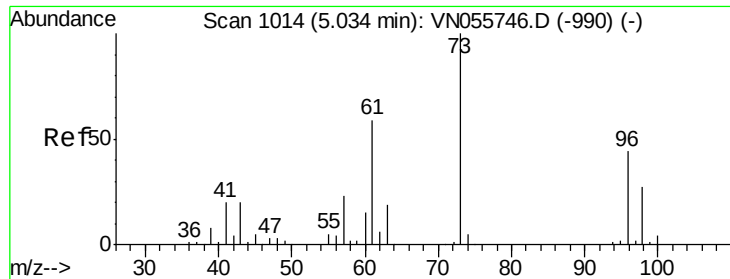


#20

Methylene Chloride
 Concen: 18.819 ug/l
 RT: 4.55 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VN055764.D
 Acq: 23 May 2019 19:42

Tgt Ion: 84 Resp: 69896
 Ion Ratio Lower Upper
 84 100
 49 112.5 93.5 140.3
 51 36.6 28.6 43.0
 86 64.8 52.6 79.0

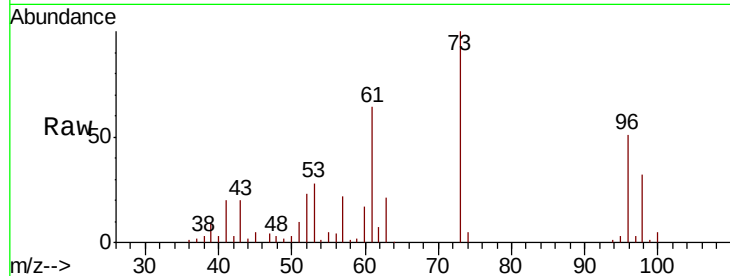




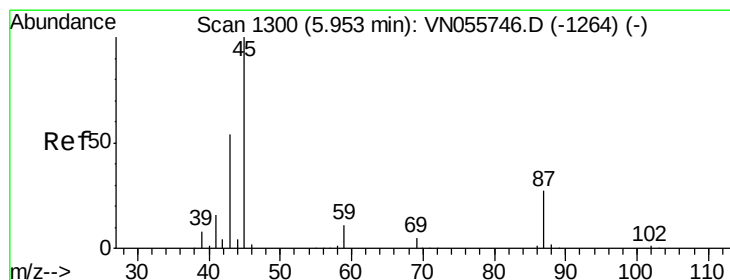
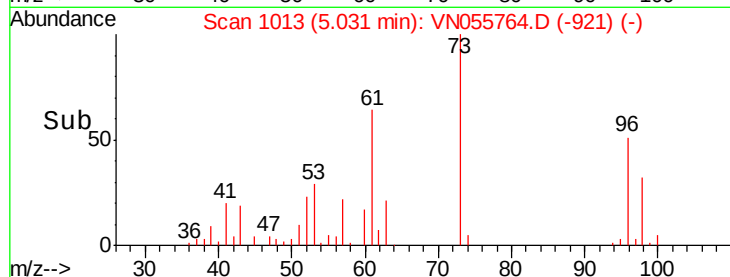
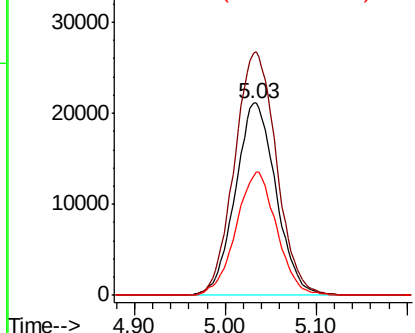
#21
trans-1,2-Dichloroethene
Concen: 19.001 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

Tot Ion: 96 Resp: 65586
Ion Ratio Lower Upper
96 100
61 125.9 107.8 161.8
98 62.3 49.8 74.8

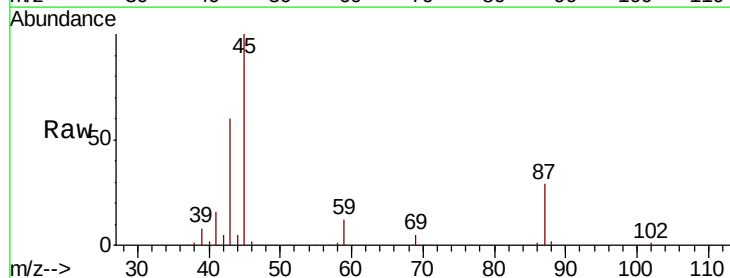


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

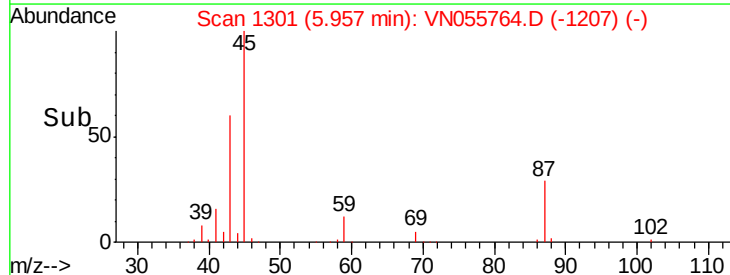
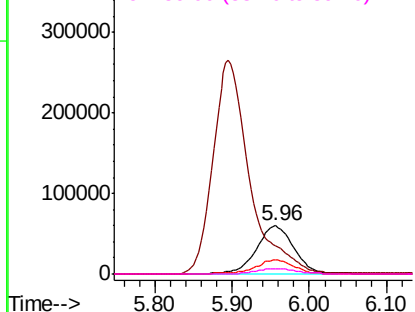


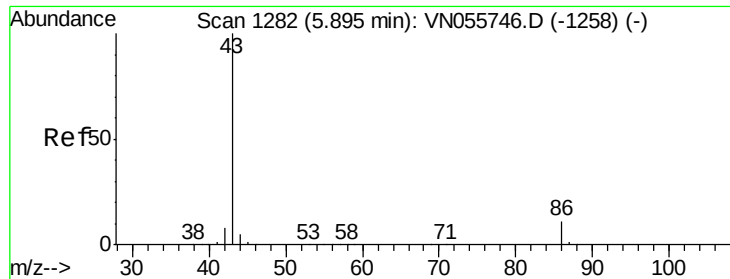
#22
Diisopropyl ether
Concen: 18.890 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

Tgt Ion: 45 Resp: 202366
Ion Ratio Lower Upper
45 100
43 56.9 45.0 67.6
87 28.0 22.2 33.4
59 11.4 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

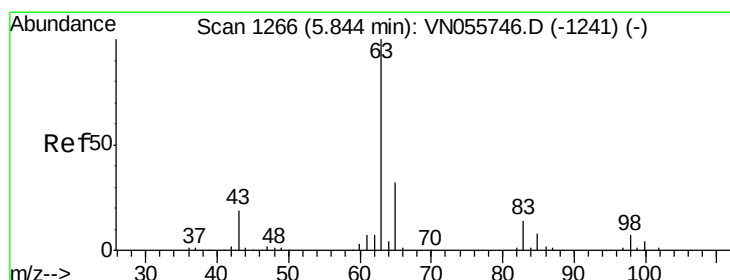
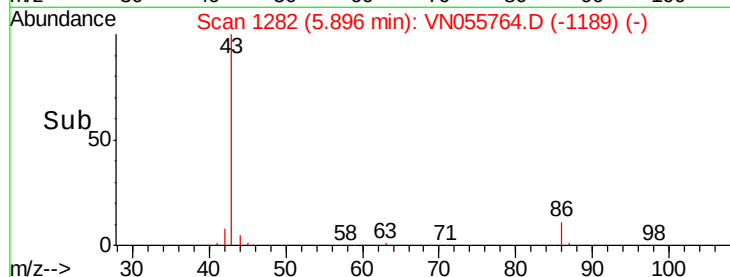
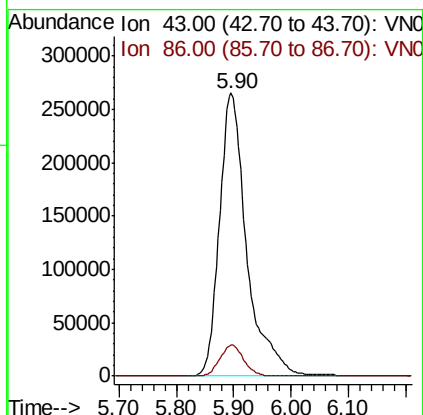
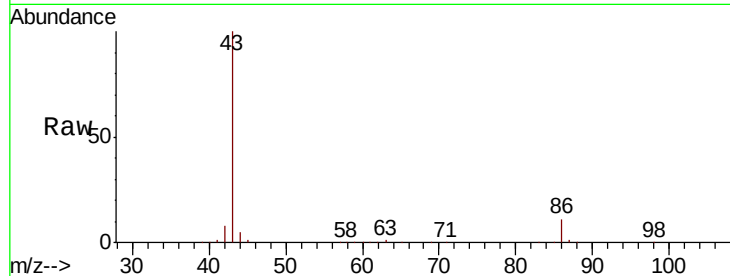




#23
 Vinyl Acetate
 Concen: 95.877 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN055764.D
 Acq: 23 May 2019 19:42

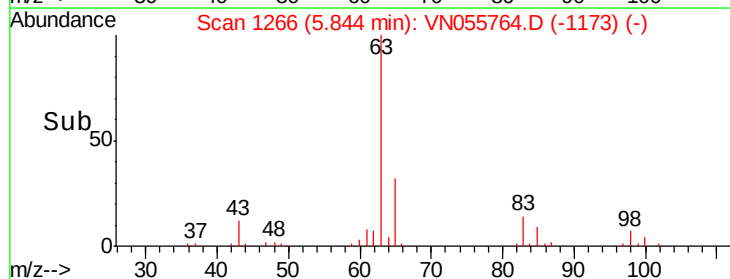
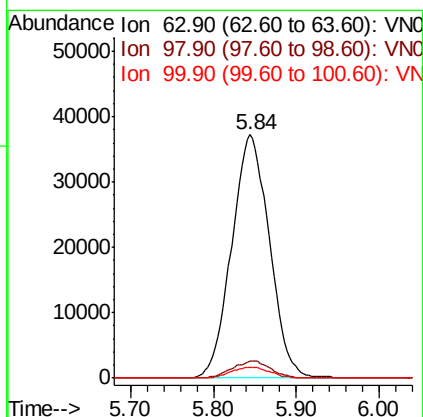
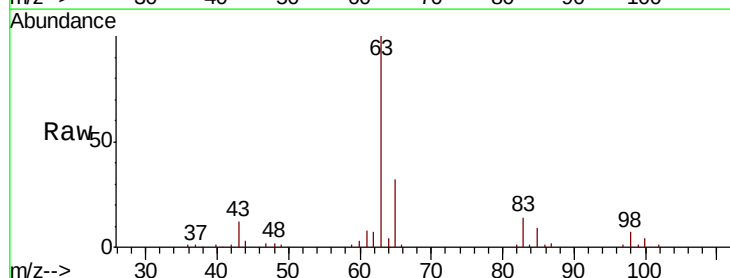
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD01

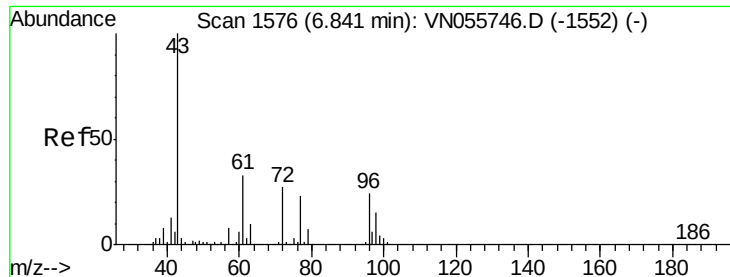
Tot Ion: 43 Resp: 880635
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 18.863 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN055764.D
 Acq: 23 May 2019 19:42

Tgt Ion: 63 Resp: 117654
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 4.4 2.2 6.6

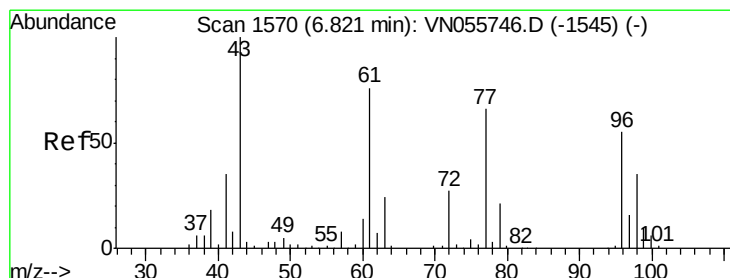
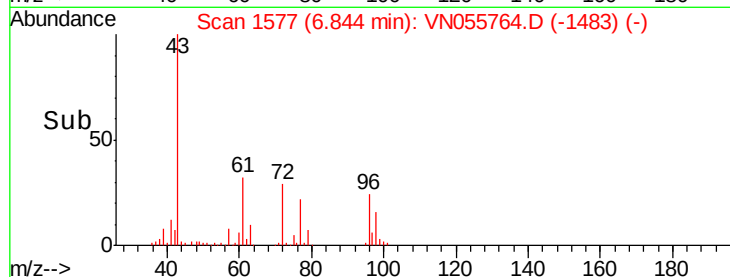
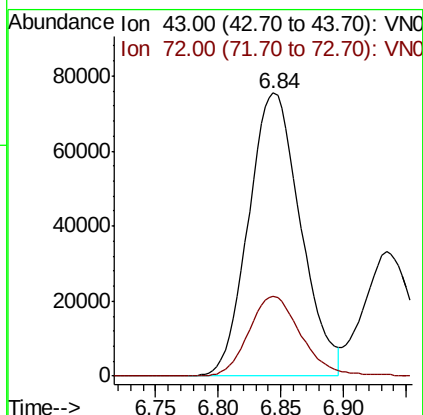
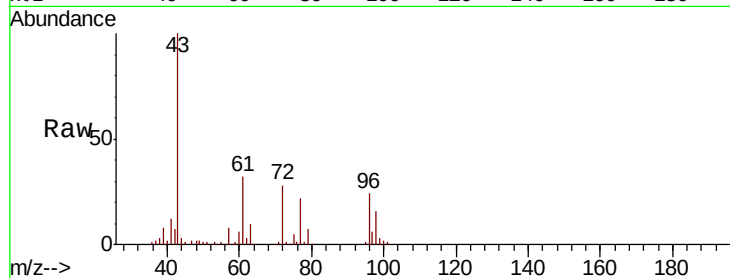




#25
2-Butanone
Concen: 90.462 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

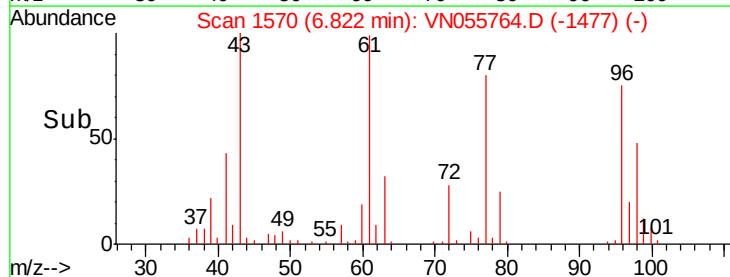
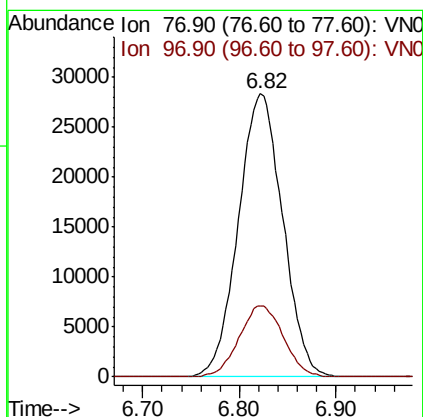
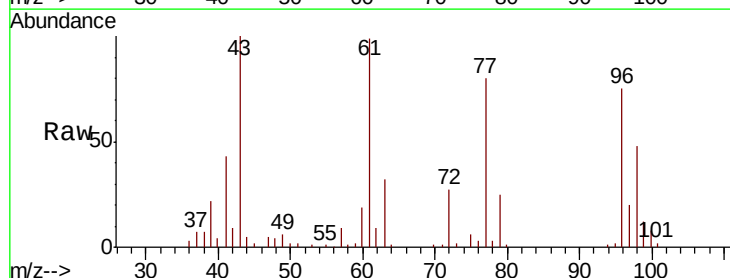
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

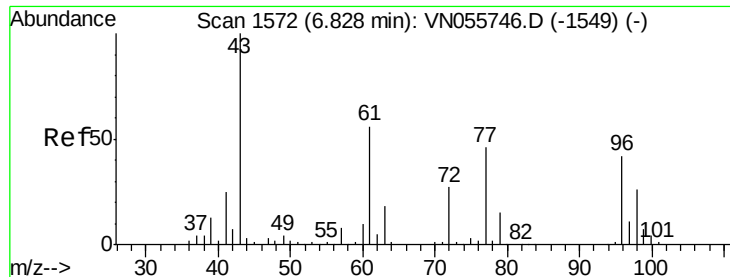
Tot Ion: 43 Resp: 216669
Ion Ratio Lower Upper
43 100
72 28.5 21.9 32.9



#26
2,2-Dichloropropane
Concen: 16.731 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

Tgt Ion: 77 Resp: 90316
Ion Ratio Lower Upper
77 100
97 25.0 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 19.673 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055764.D

Acq: 23 May 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD01

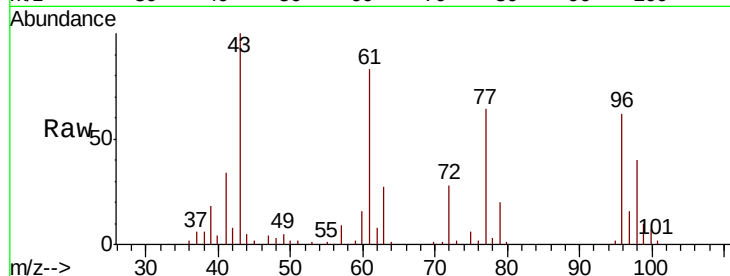
Tot Ion: 96 Resp: 79226

Ion Ratio Lower Upper

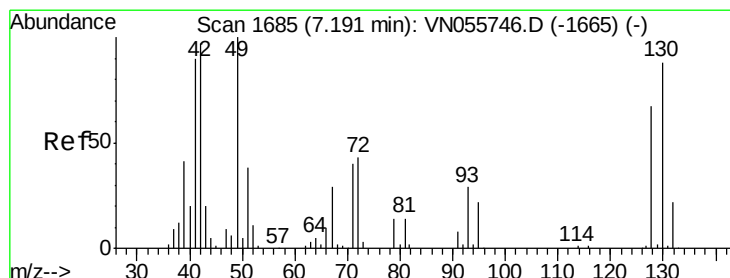
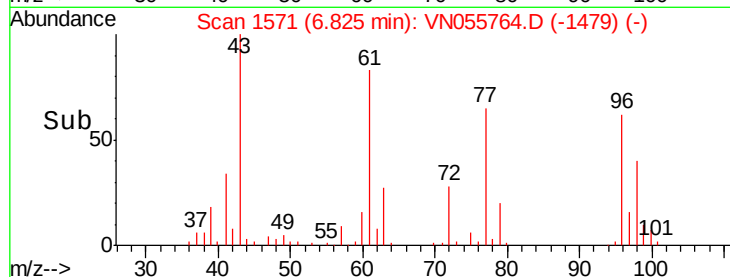
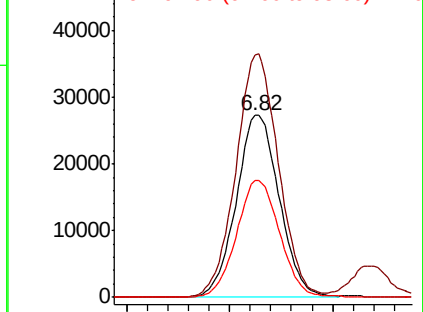
96 100

61 132.2 0.0 275.8

98 64.3 0.0 128.4



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



#28

Bromochloromethane

Concen: 20.283 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN055764.D

Acq: 23 May 2019 19:42

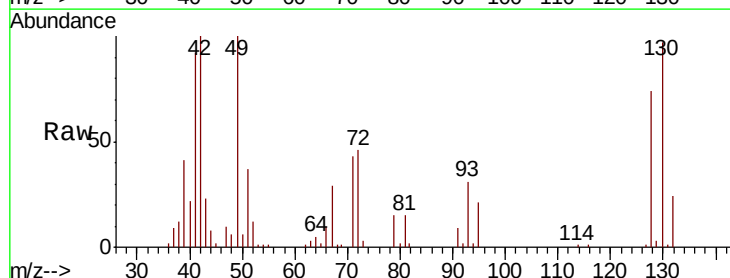
Tgt Ion: 49 Resp: 60234

Ion Ratio Lower Upper

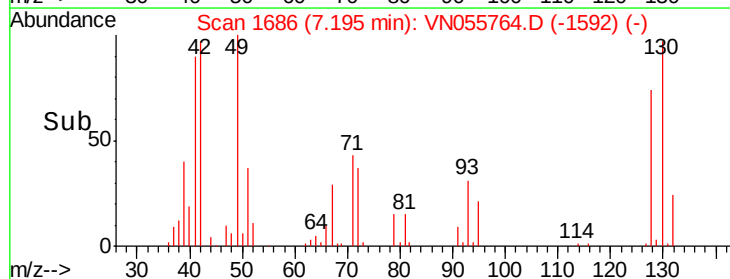
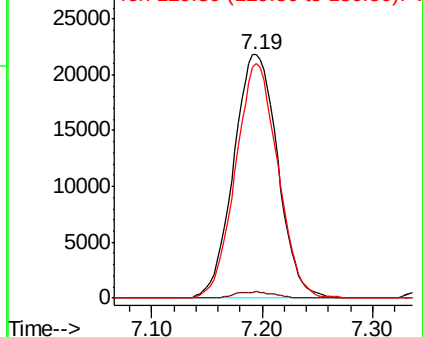
49 100

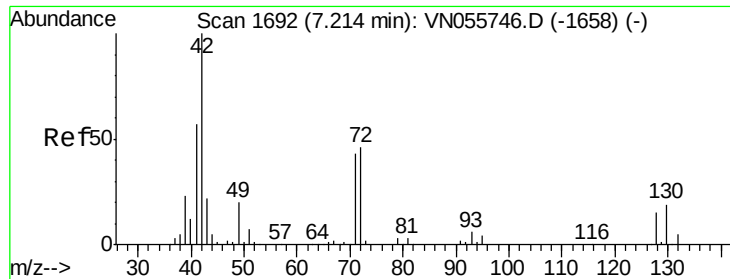
129 2.2 0.0 4.4

130 92.5 71.2 106.8



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

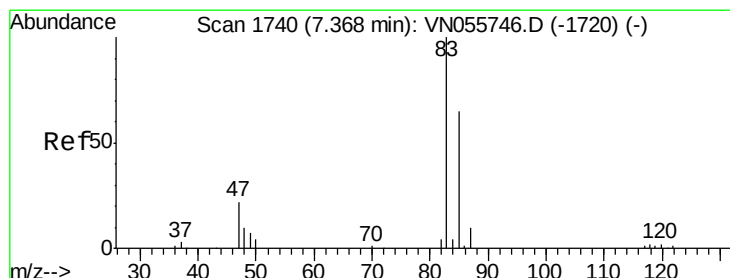
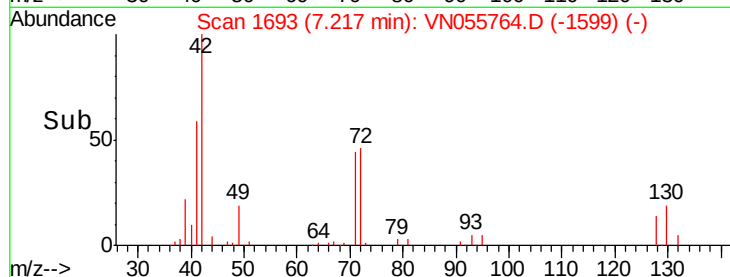
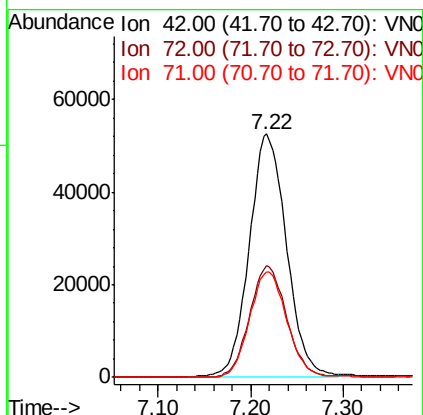
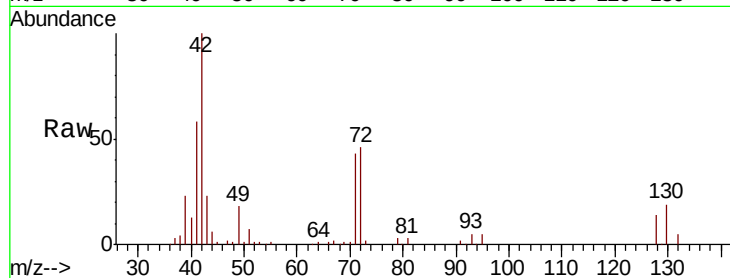




#29
Tetrahydrofuran
Concen: 97.081 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

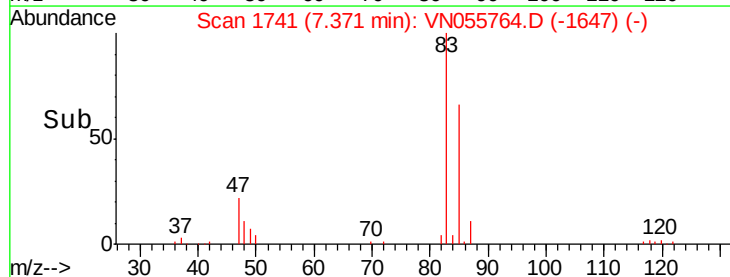
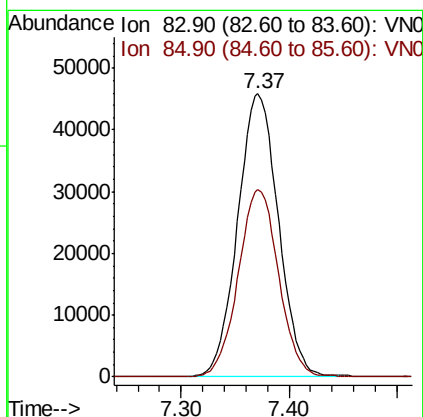
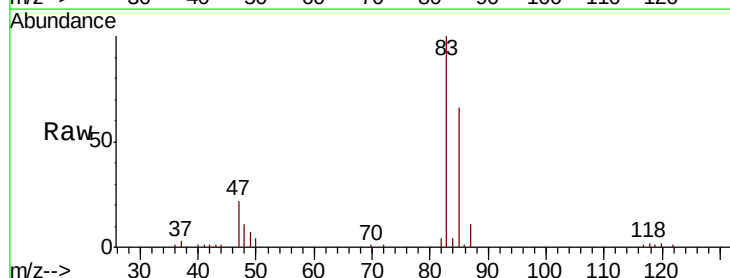
Instrument :
MSVOA_N
ClientSampled :
VN0523WBSD01

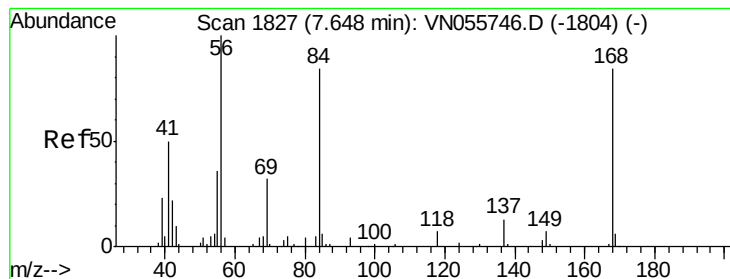
Tot Ion: 42 Resp: 147250
Ion Ratio Lower Upper
42 100
72 45.5 35.9 53.9
71 43.5 34.0 51.0



#30
Chloroform
Concen: 19.351 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

Tgt Ion: 83 Resp: 120373
Ion Ratio Lower Upper
83 100
85 66.3 51.8 77.8





#31

Cyclohexane

Concen: 19.039 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN055764.D

Acq: 23 May 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD01

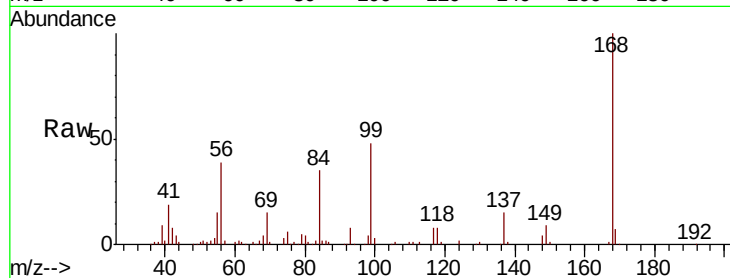
Tot Ion: 56 Resp: 111495

Ion Ratio Lower Upper

56 100

69 38.4 25.6 38.4#

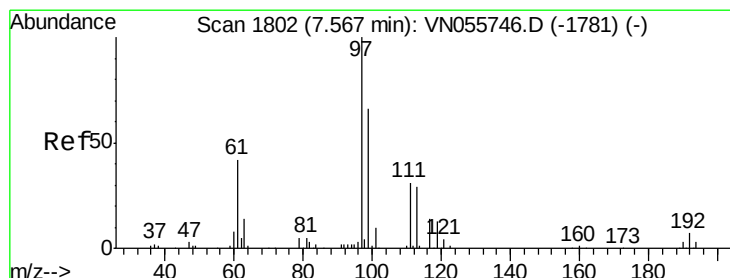
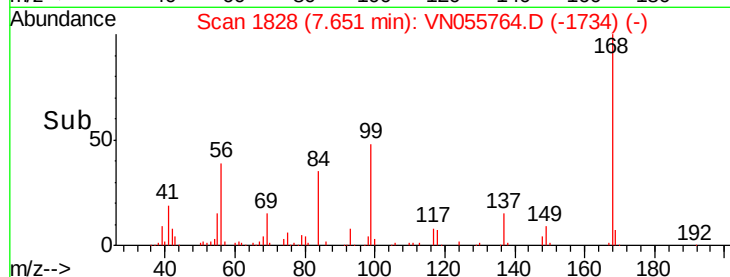
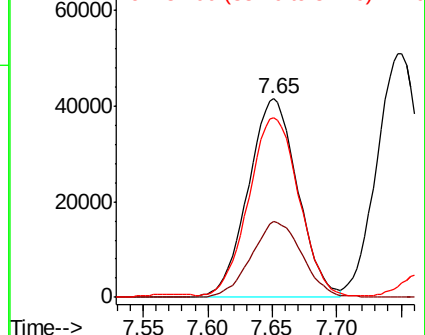
84 89.4 67.4 101.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.550 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN055764.D

Acq: 23 May 2019 19:42

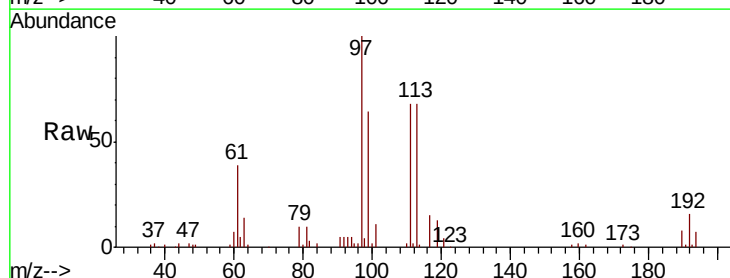
Tgt Ion: 97 Resp: 108520

Ion Ratio Lower Upper

97 100

99 64.3 52.0 78.0

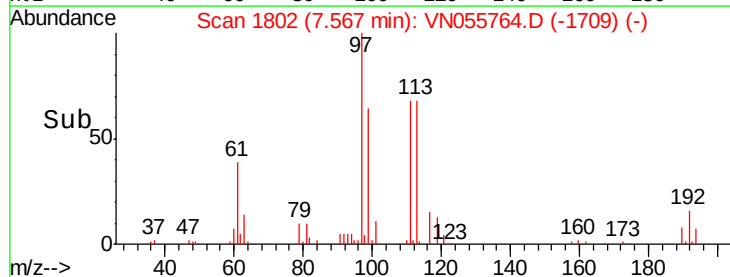
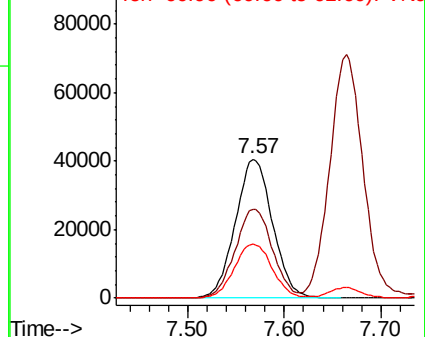
61 39.7 32.9 49.3

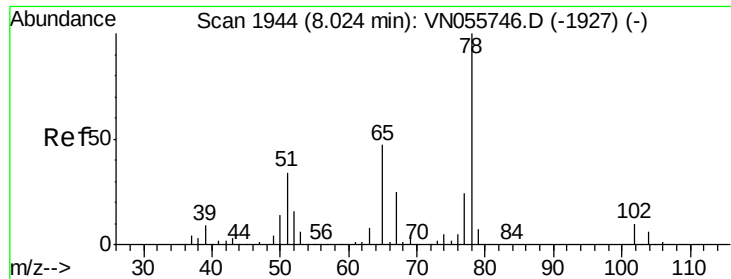


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

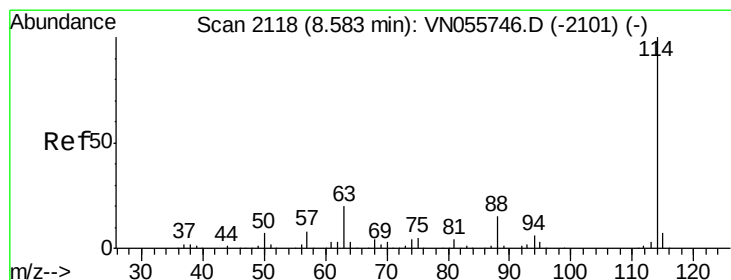
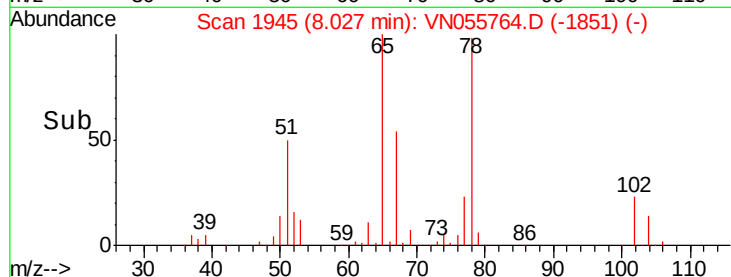
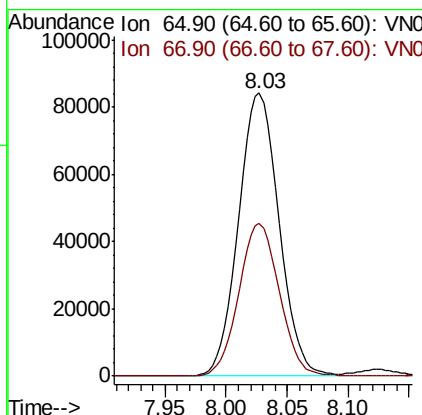
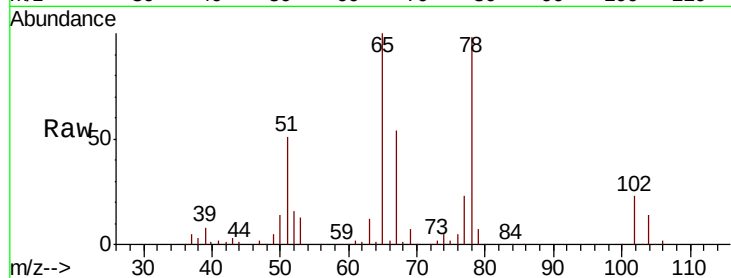




#33
 1,2-Dichloroethane-d4
 Concen: 49.618 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055764.D
 Acq: 23 May 2019 19:42

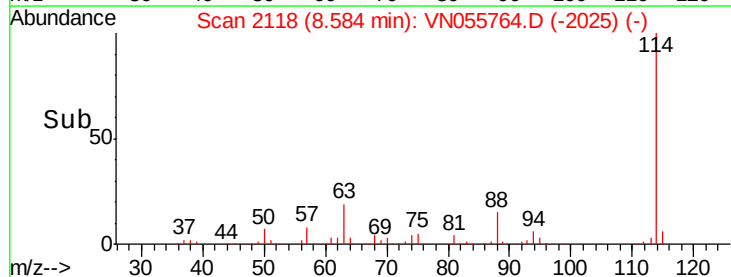
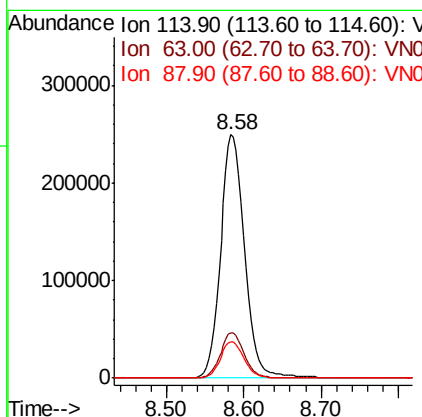
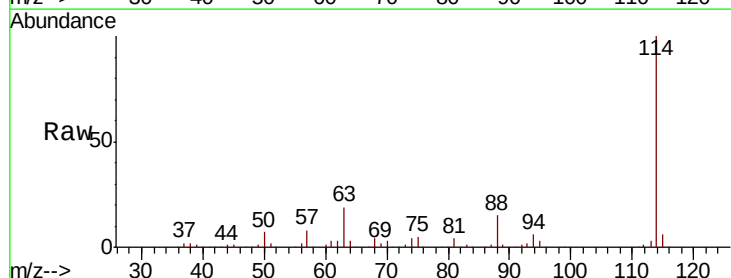
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD01

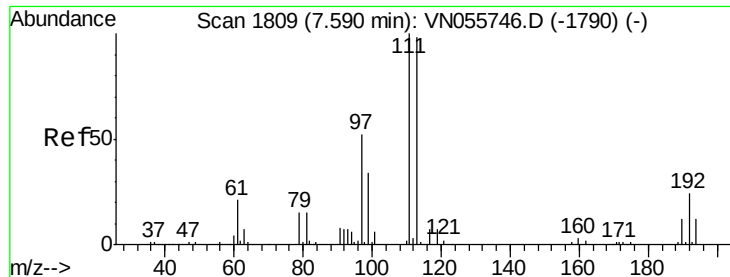
Tot Ion: 65 Resp: 193584
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055764.D
 Acq: 23 May 2019 19:42

Tgt Ion: 114 Resp: 537731
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 14.8 0.0 31.0

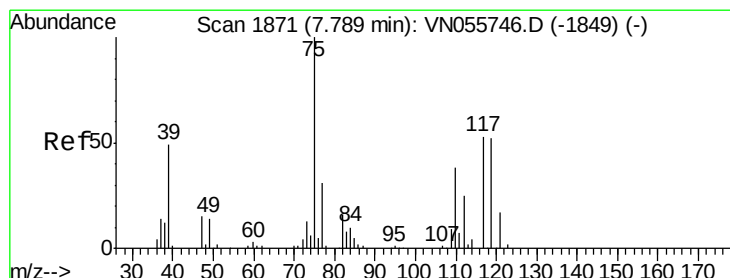
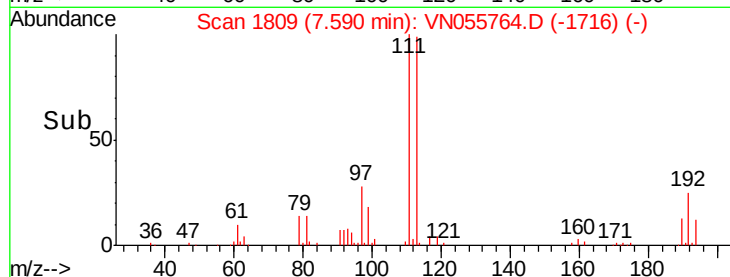
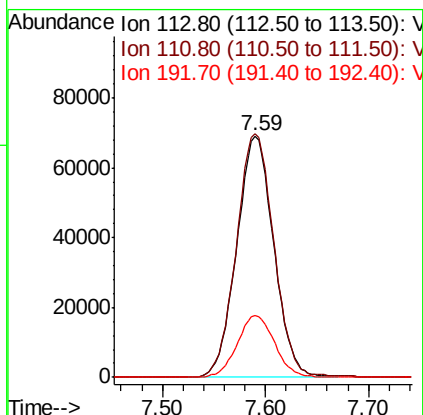
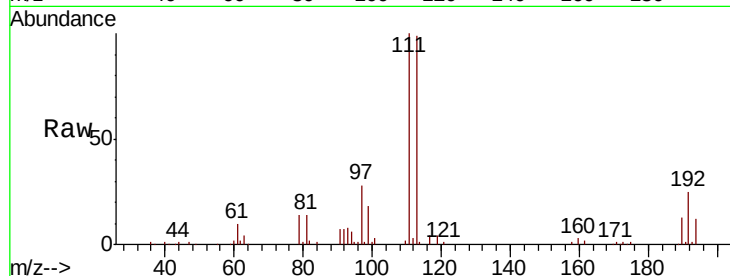




#35
 Dibromofluoromethane
 Concen: 50.761 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055764.D
 Acq: 23 May 2019 19:42

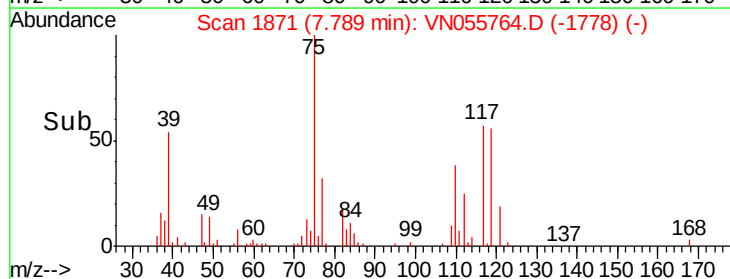
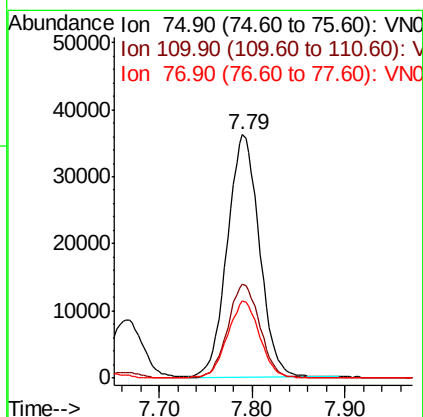
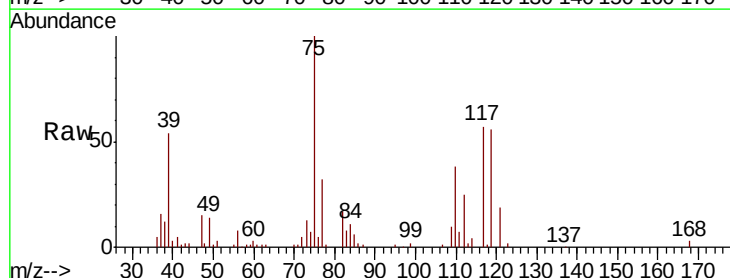
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD01

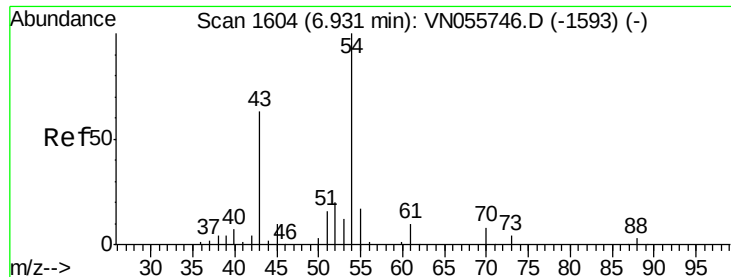
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.9	122.9
192	25.8	19.5	29.3



#36
 1,1-Dichloropropene
 Concen: 18.629 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN055764.D
 Acq: 23 May 2019 19:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.5	19.0	57.0
77	31.7	25.1	37.7

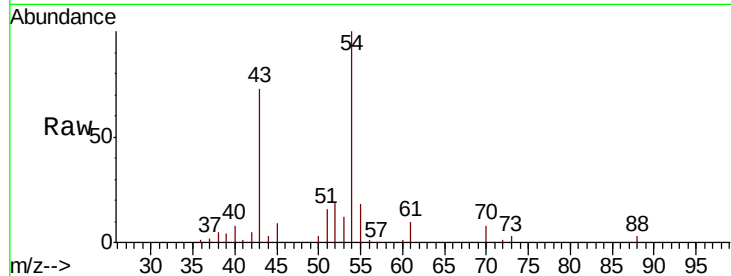




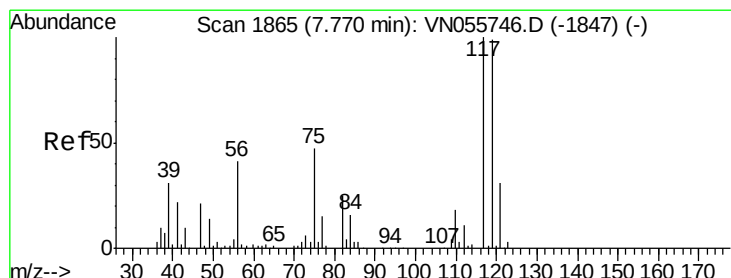
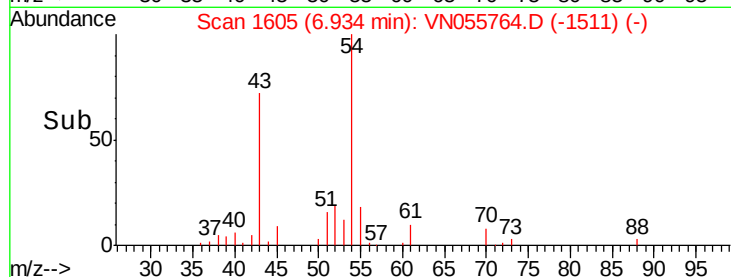
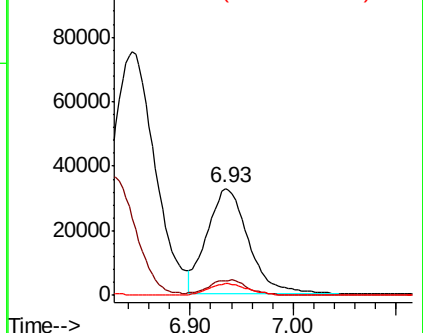
#37
Ethyl Acetate
Concen: 20.071 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

Tot Ion: 43 Resp: 90903
Ion Ratio Lower Upper
43 100
61 14.2 12.2 18.2
70 10.9 8.9 13.3

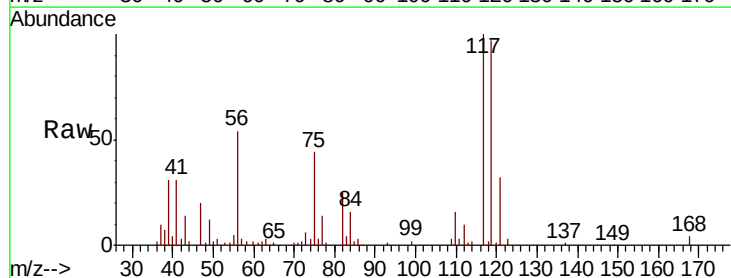


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

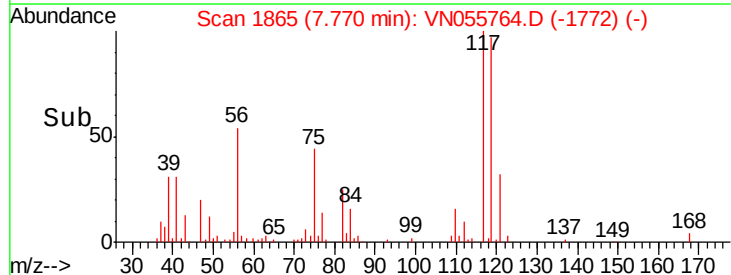
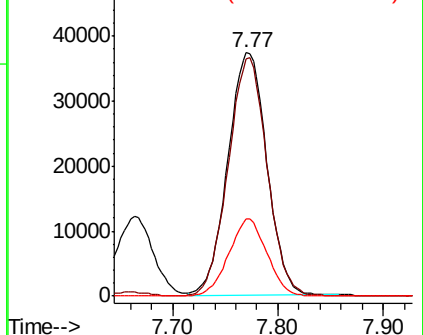


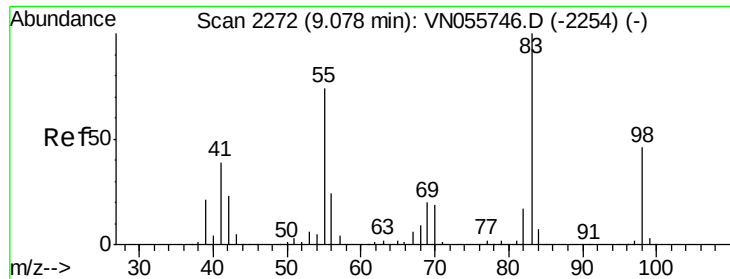
#38
Carbon Tetrachloride
Concen: 19.637 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

Tgt Ion: 117 Resp: 95854
Ion Ratio Lower Upper
117 100
119 97.7 79.0 118.6
121 31.7 24.7 37.1



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

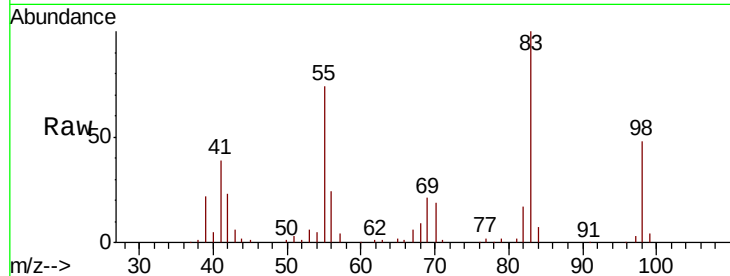




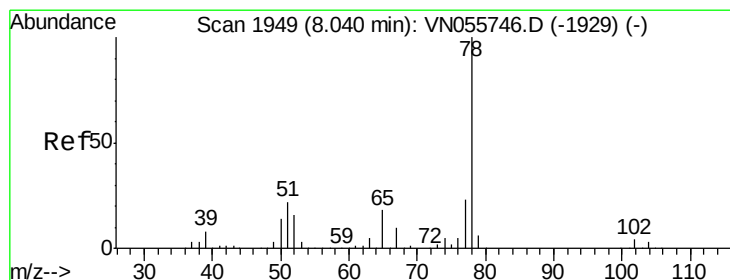
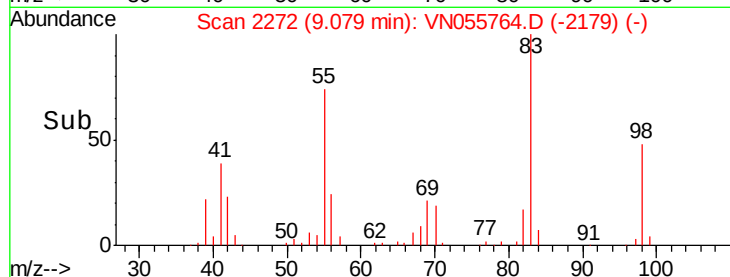
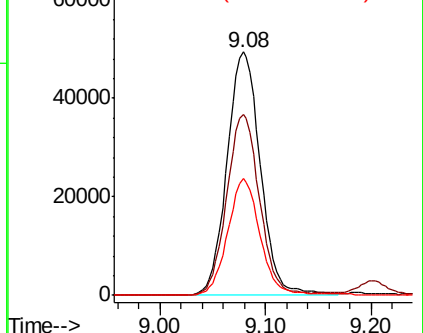
#39
Methylvlcyclohexane
Concen: 18.674 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

Tot Ion: 83 Resp: 108363
Ion Ratio Lower Upper
83 100
55 74.5 59.3 88.9
98 48.0 36.6 54.8

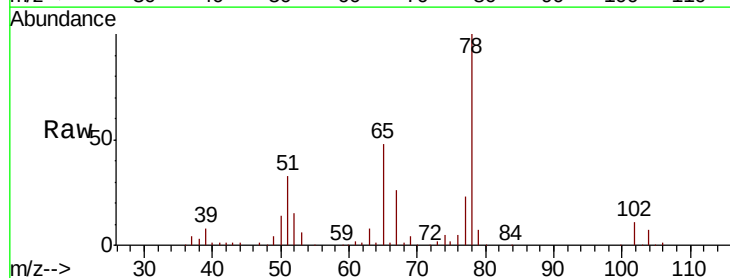


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

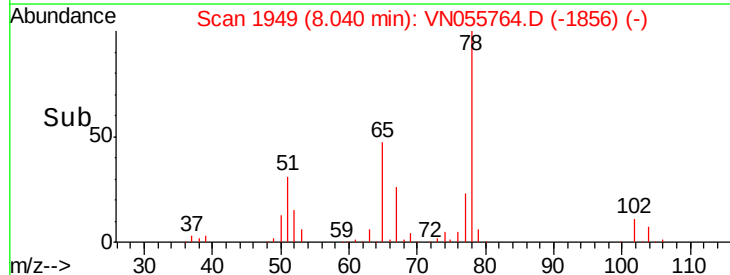
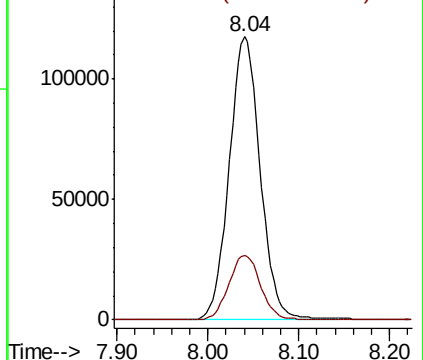


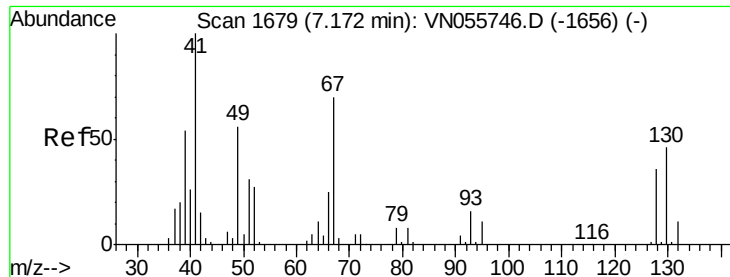
#40
Benzene
Concen: 19.694 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

Tgt Ion: 78 Resp: 278142
Ion Ratio Lower Upper
78 100
77 22.8 18.8 28.2



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





#41

Methacrylonitrile

Concen: 17.980 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VN055764.D

Acq: 23 May 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD01

Tot Ion: 41 Resp: 41140

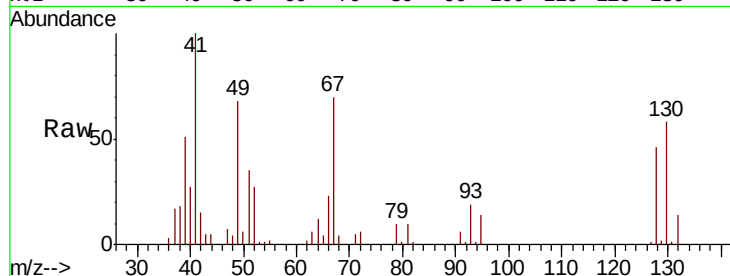
Ion Ratio Lower Upper

41 100

39 61.2 45.6 68.4

67 88.5 67.7 101.5

52 35.9 26.6 40.0

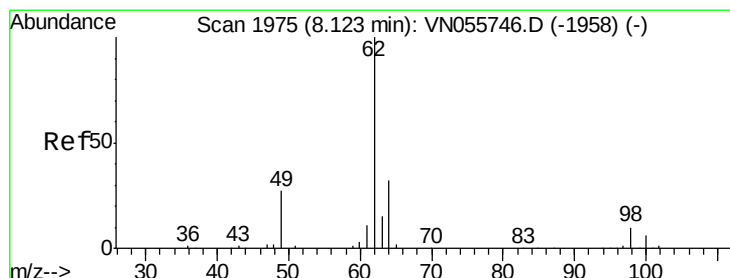
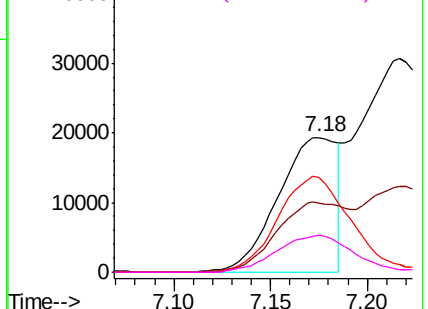
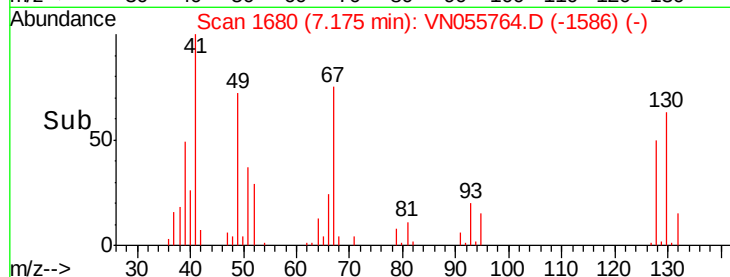


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 19.736 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN055764.D

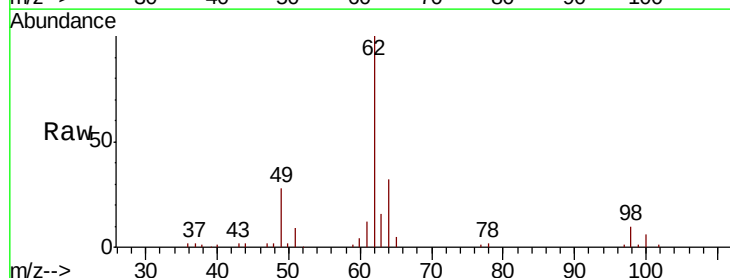
Acq: 23 May 2019 19:42

Tgt Ion: 62 Resp: 91078

Ion Ratio Lower Upper

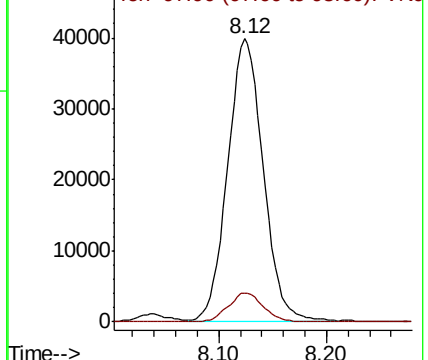
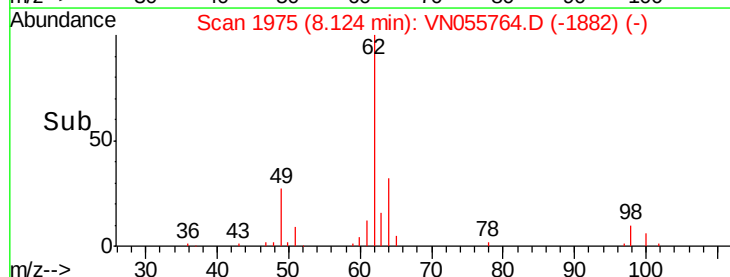
62 100

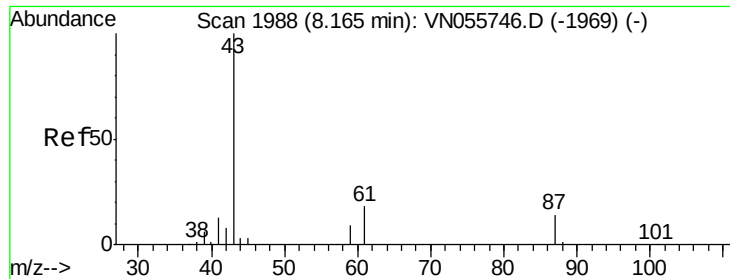
98 10.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 19.321 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055764.D

Acq: 23 May 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD01

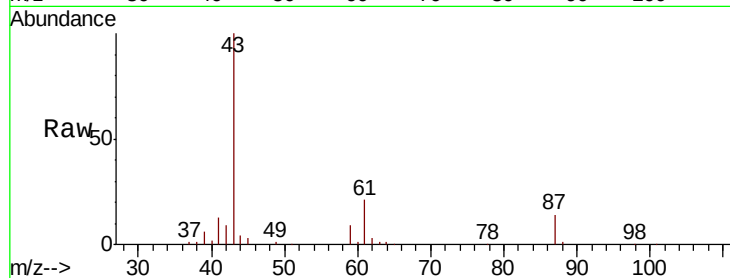
Tot Ion: 43 Resp: 147029

Ion Ratio Lower Upper

43 100

61 21.5 22.2 33.4#

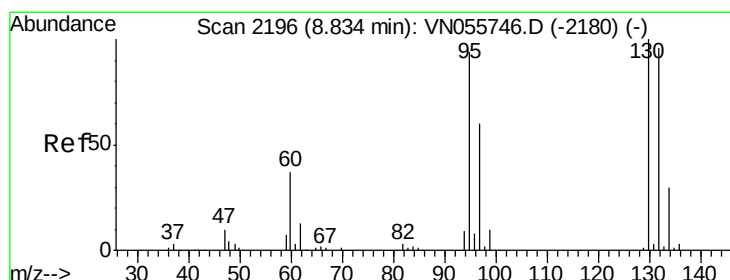
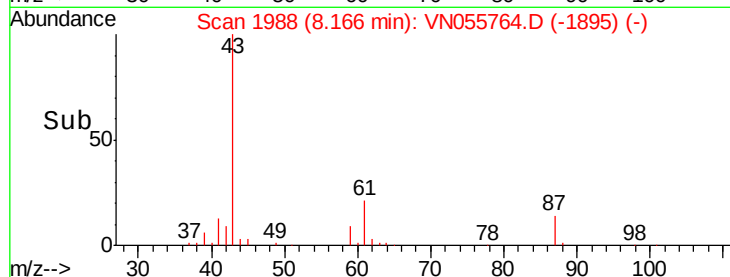
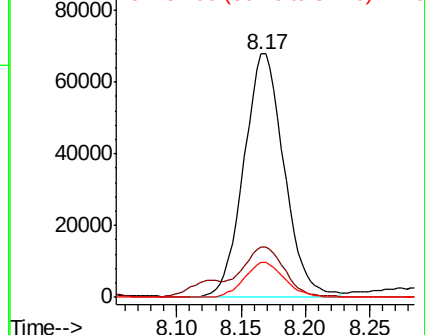
87 14.4 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 20.434 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055764.D

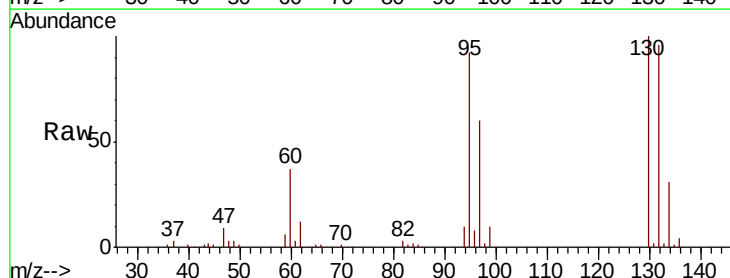
Acq: 23 May 2019 19:42

Tgt Ion:130 Resp: 80452

Ion Ratio Lower Upper

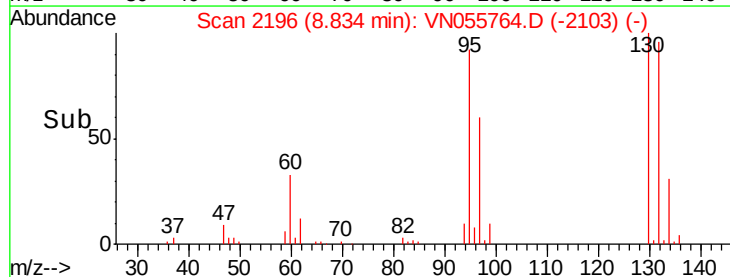
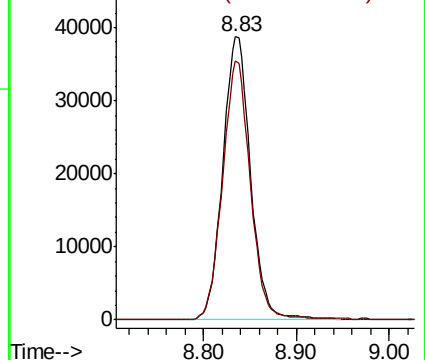
130 100

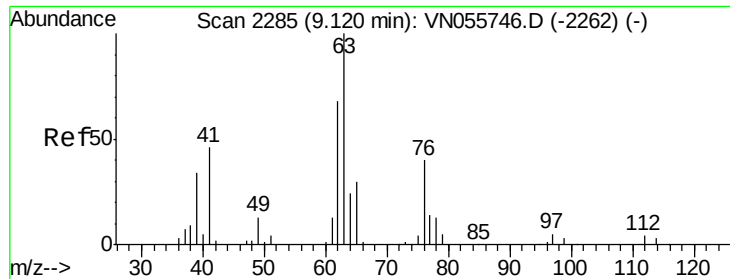
95 91.7 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

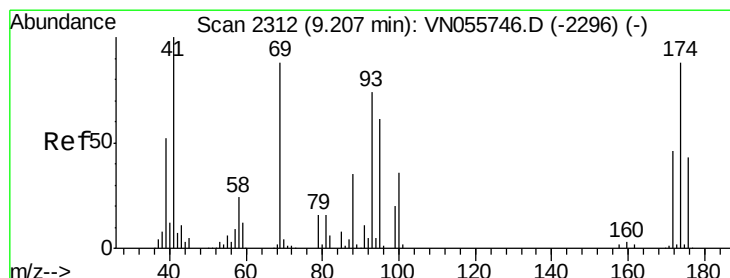
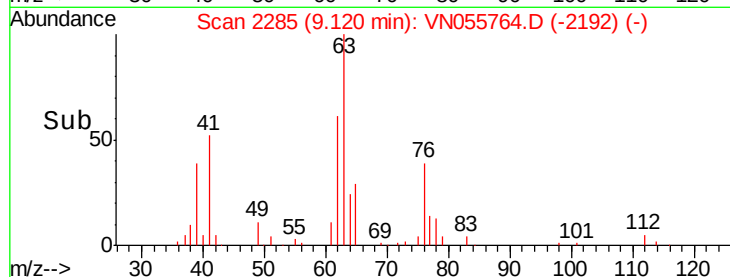
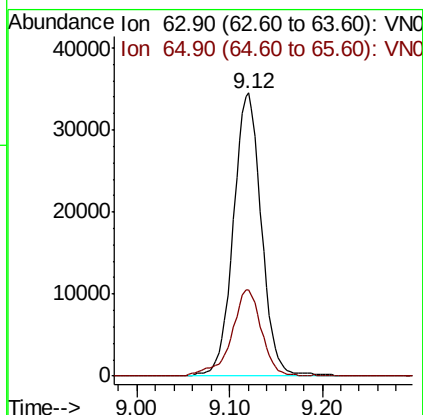
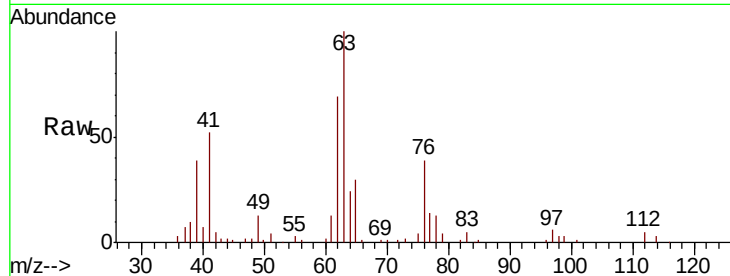




#45
 1,2-Dichloropropane
 Concen: 19.648 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055764.D
 Acq: 23 May 2019 19:42

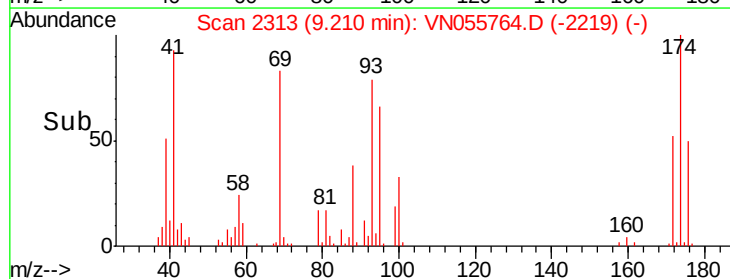
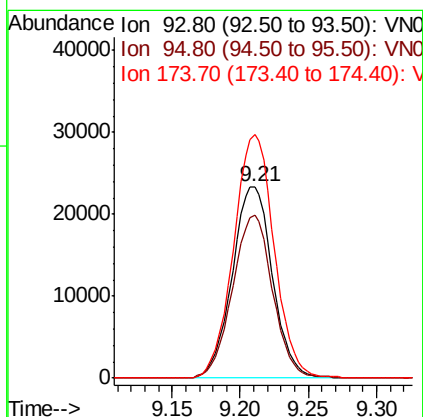
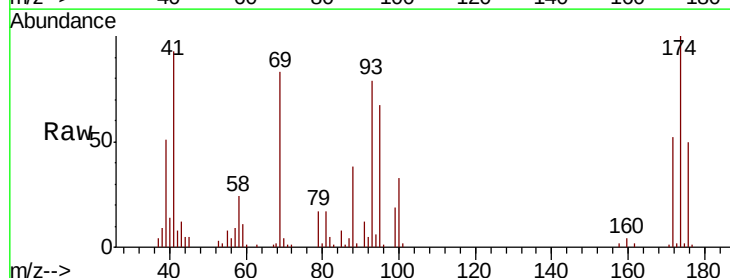
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD01

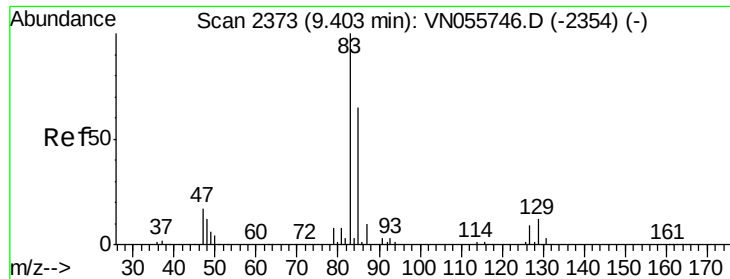
Tot Ion: 63 Resp: 72296
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.6 36.8



#46
 Dibromomethane
 Concen: 19.832 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN055764.D
 Acq: 23 May 2019 19:42

Tgt Ion: 93 Resp: 47857
 Ion Ratio Lower Upper
 93 100
 95 84.8 66.7 100.1
 174 128.3 96.4 144.6





#47

Bromodichloromethane

Concen: 19.478 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055764.D

Acq: 23 May 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD01

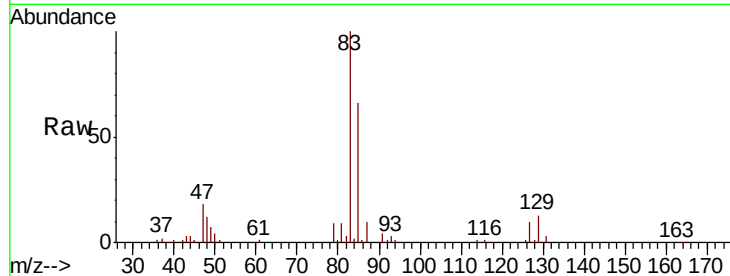
Tot Ion: 83 Resp: 96382

Ion Ratio Lower Upper

83 100

85 66.2 52.2 78.2

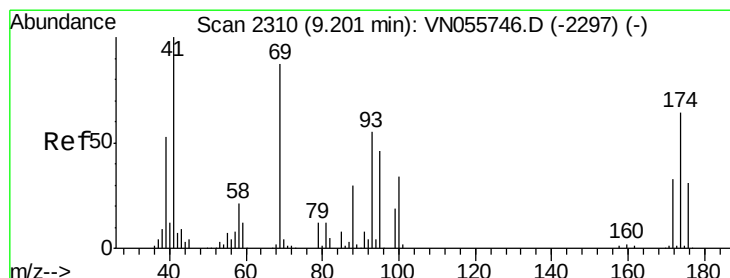
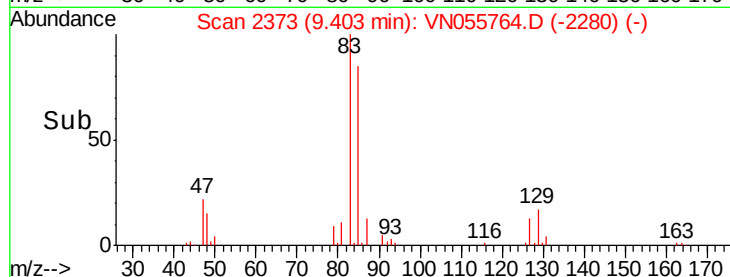
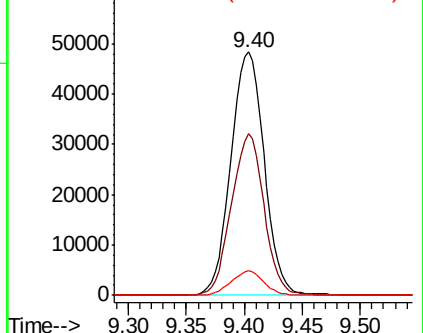
127 9.9 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 20.242 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055764.D

Acq: 23 May 2019 19:42

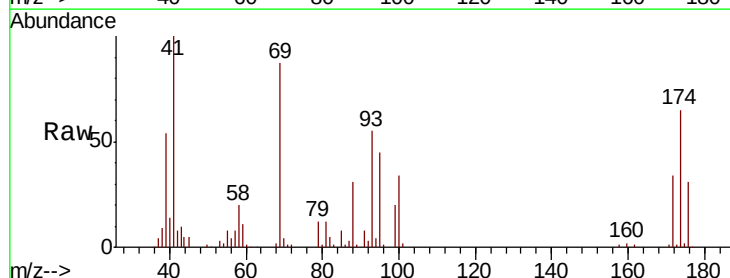
Tgt Ion: 41 Resp: 70990

Ion Ratio Lower Upper

41 100

69 88.5 71.0 106.6

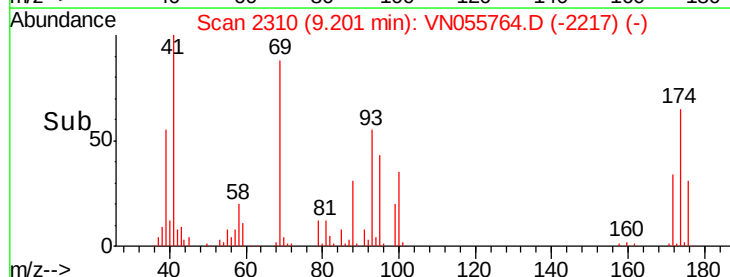
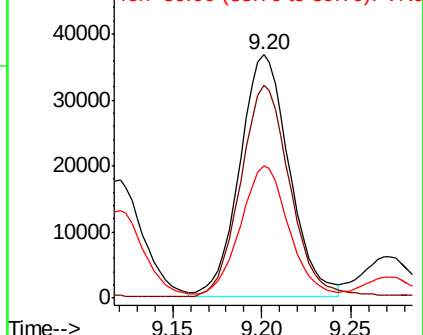
39 53.3 44.2 66.2

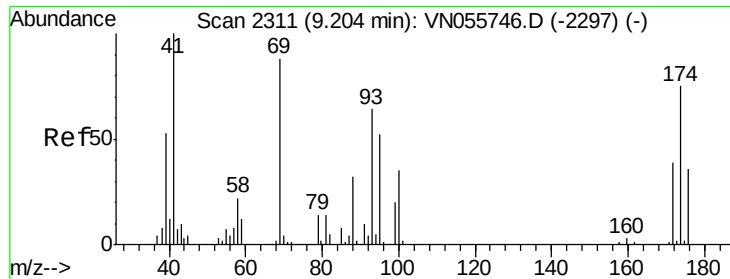


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 419.519 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055764.D

Acq: 23 May 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD01

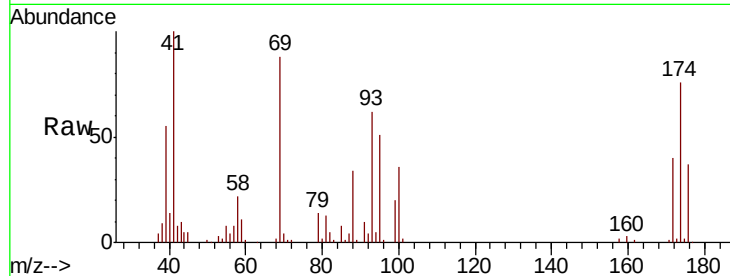
Tot Ion: 88 Resp: 30575

Ion Ratio Lower Upper

88 100

43 24.3 20.5 30.7

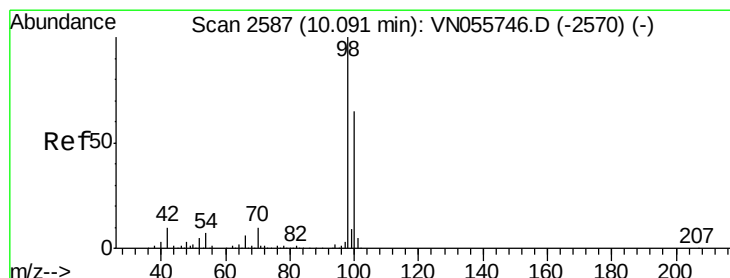
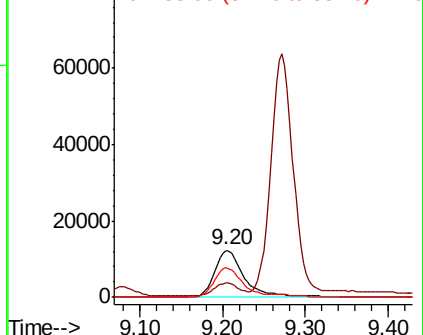
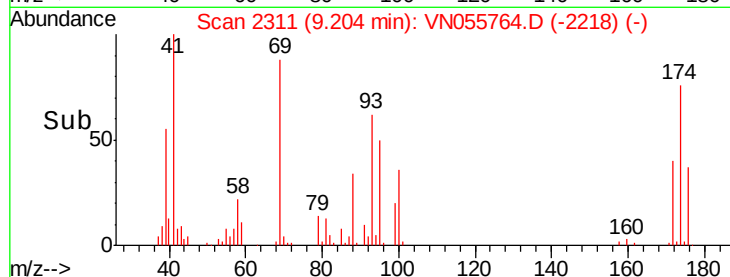
58 59.9 55.8 83.6



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: 49.992 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055764.D

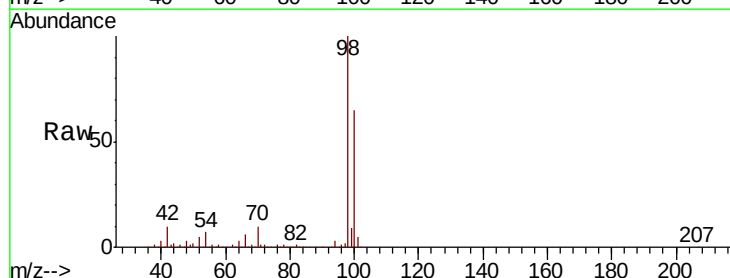
Acq: 23 May 2019 19:42

Tgt Ion: 98 Resp: 651940

Ion Ratio Lower Upper

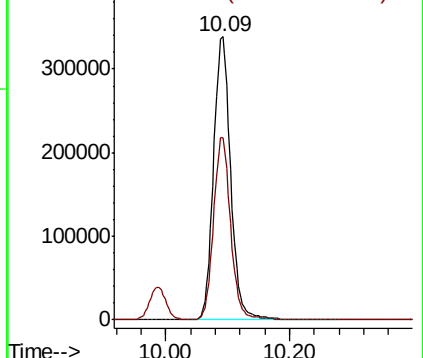
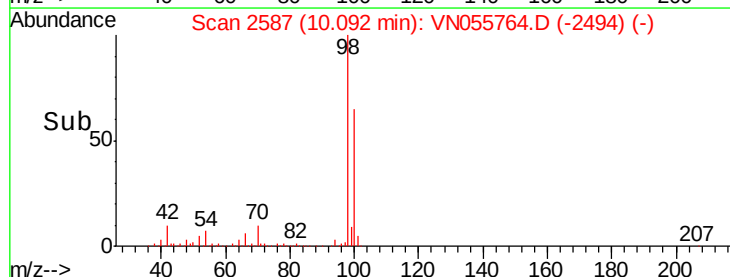
98 100

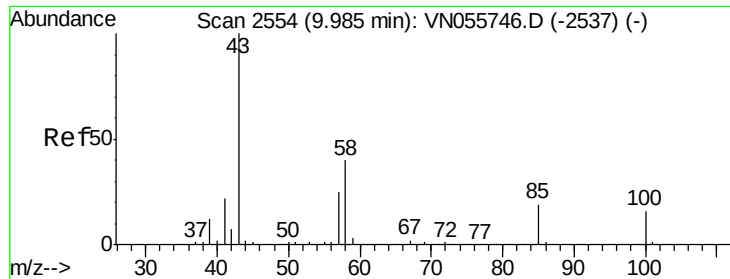
100 64.6 51.9 77.9



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: 99.223 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055764.D

Acq: 23 May 2019 19:42

Instrument :

MSVOA_N

ClientSampled :

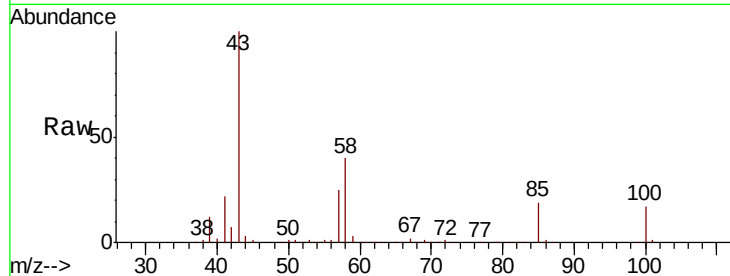
VN0523WBSD01

Tot Ion: 43 Resp: 445938

Ion Ratio Lower Upper

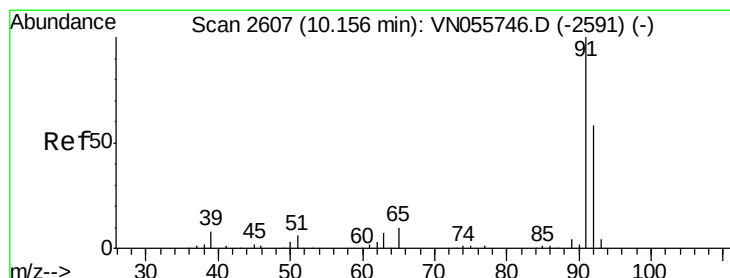
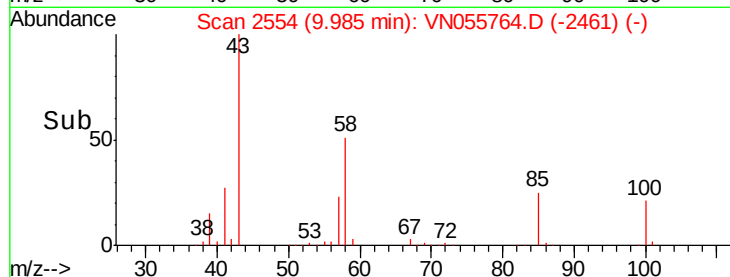
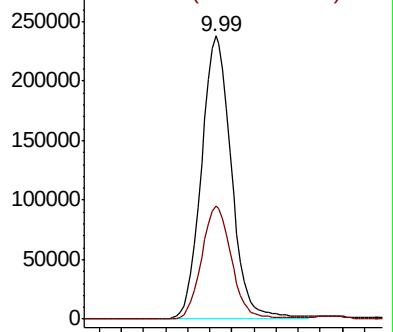
43 100

58 40.1 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.761 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055764.D

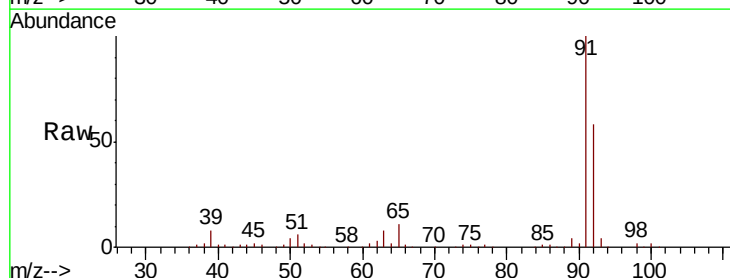
Acq: 23 May 2019 19:42

Tgt Ion: 92 Resp: 175525

Ion Ratio Lower Upper

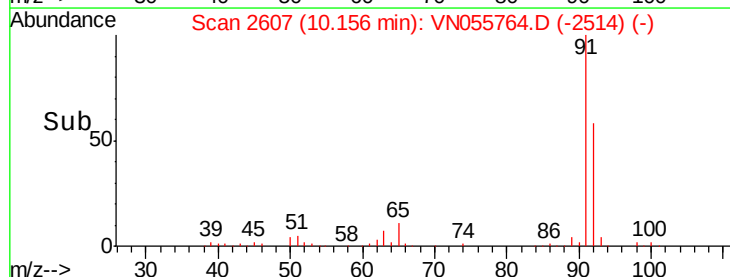
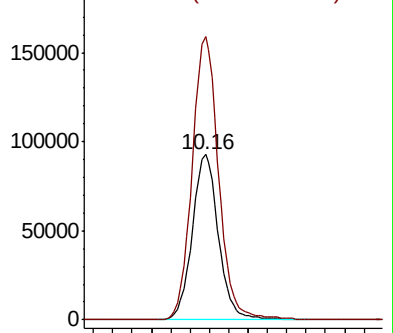
92 100

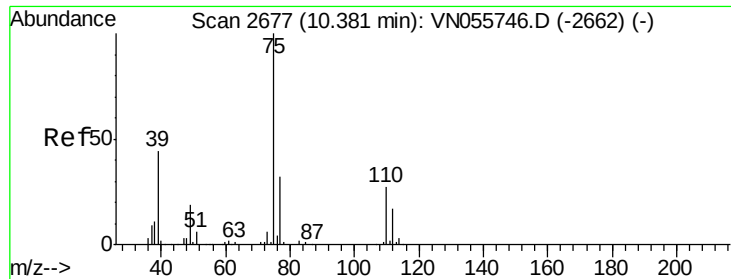
91 172.8 139.4 209.2



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: 18.634 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055764.D

Acq: 23 May 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

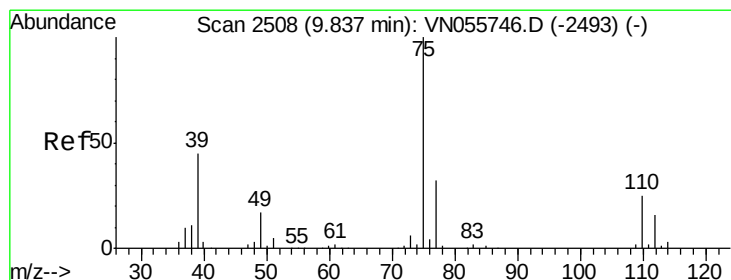
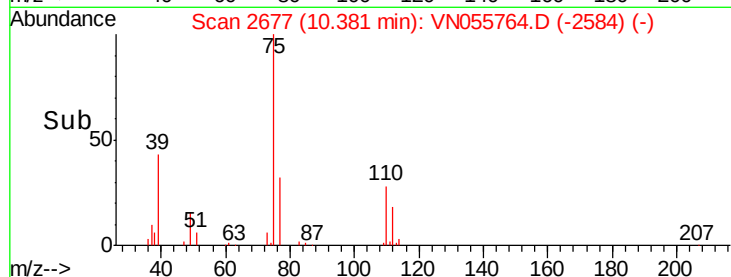
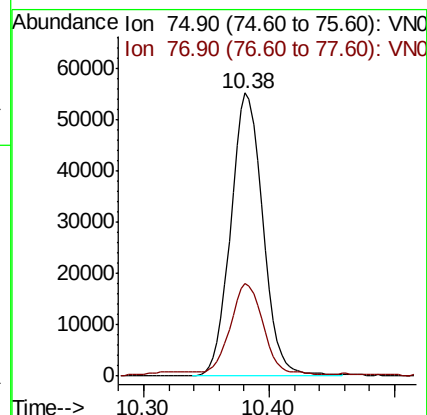
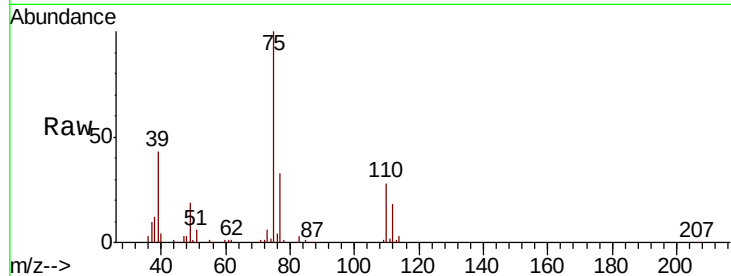
VN0523WBSD01

Tot Ion: 75 Resp: 98423

Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 19.135 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055764.D

Acq: 23 May 2019 19:42

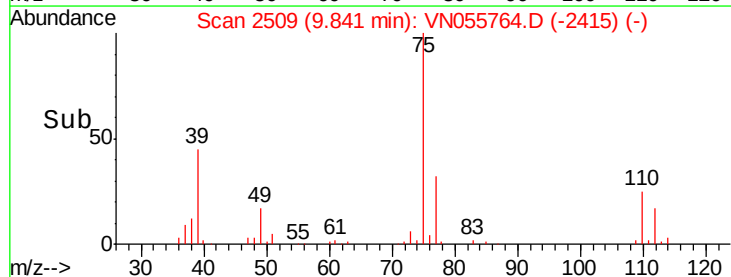
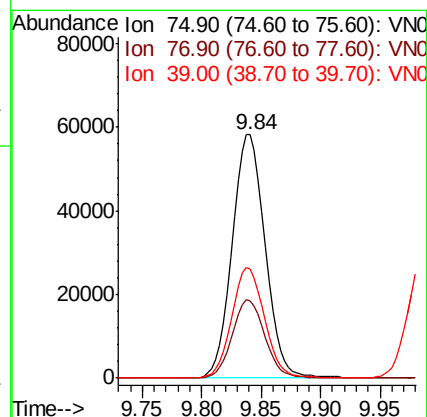
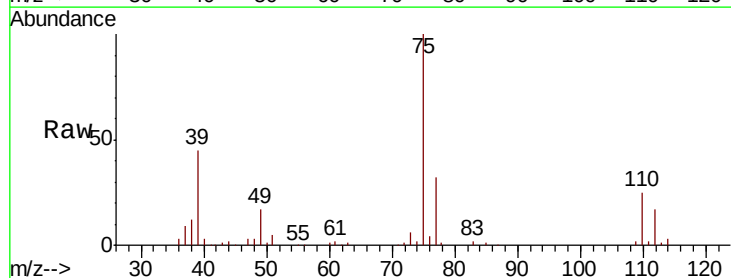
Tgt Ion: 75 Resp: 111963

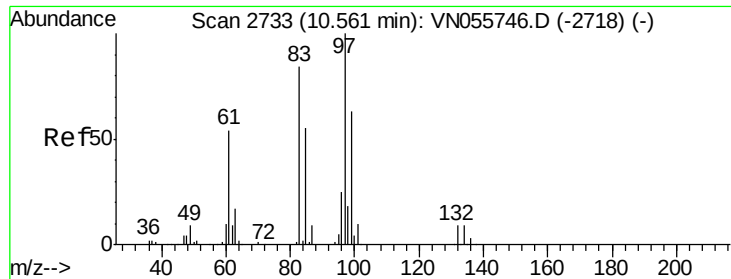
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0

39 44.8 36.3 54.5

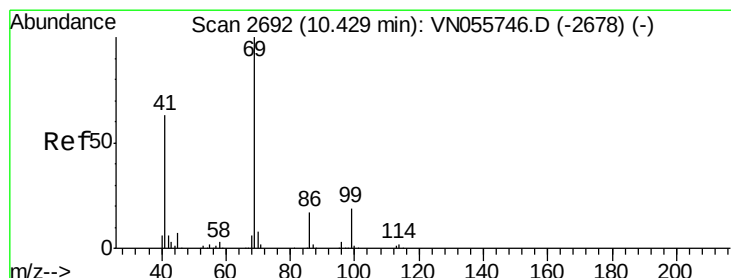
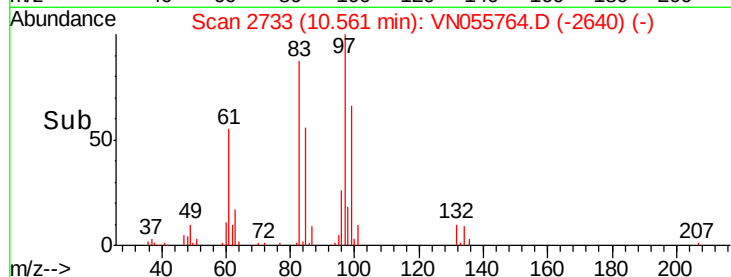
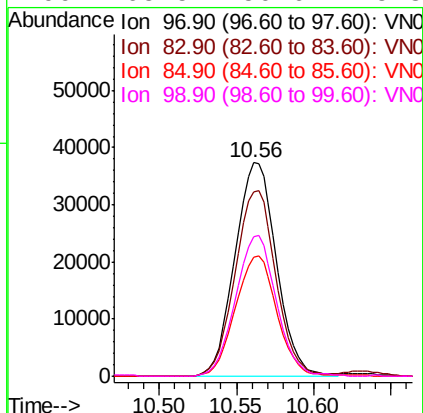
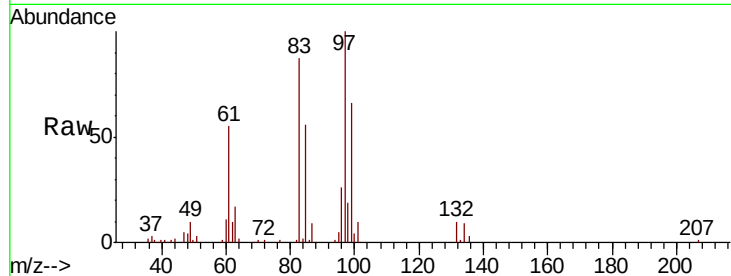




#55
 1,1,2-Trichloroethane
 Concen: 19.560 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055764.D
 Acq: 23 May 2019 19:42

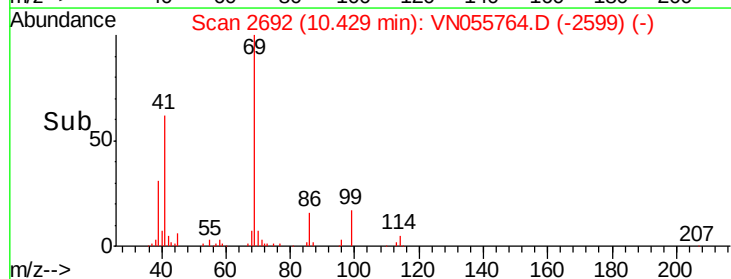
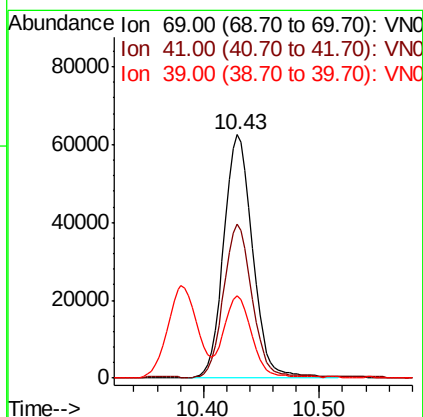
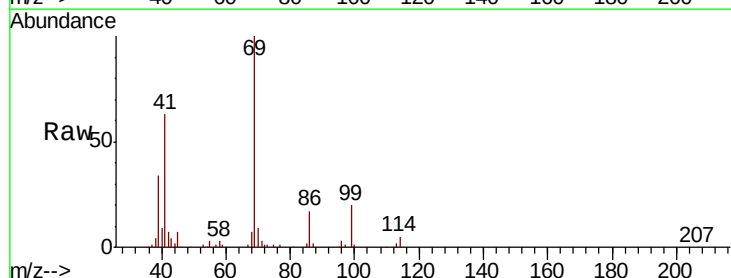
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD01

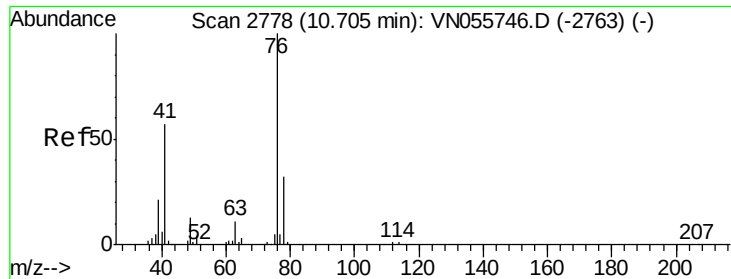
Tot Ion:	97	Resp:	69603
Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.0	100.6
85	55.8	44.0	66.0
99	65.5	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 19.622 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055764.D
 Acq: 23 May 2019 19:42

Tgt Ion:	69	Resp:	107910
Ion	Ratio	Lower	Upper
69	100		
41	62.0	49.7	74.5
39	31.5	24.7	37.1

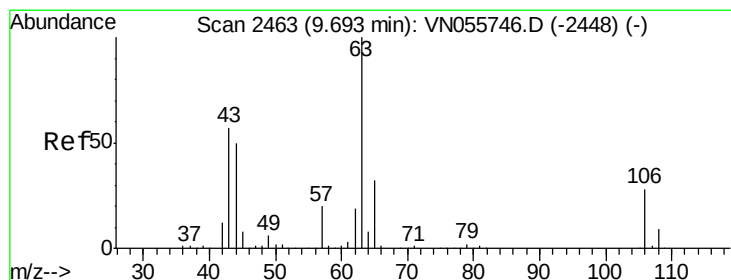
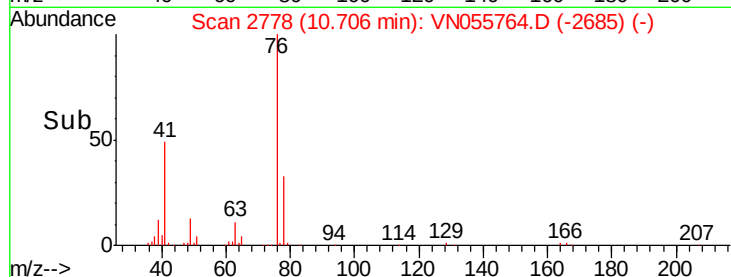
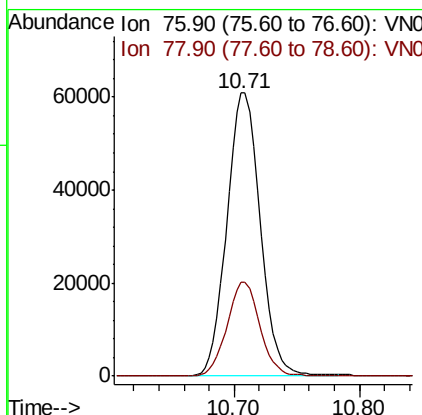
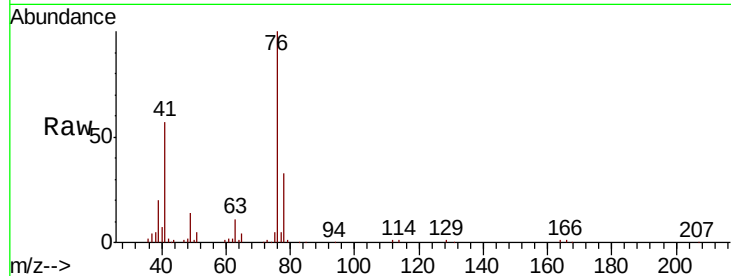




#57
 1,3-Dichloropropane
 Concen: 19.505 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN055764.D
 Acq: 23 May 2019 19:42

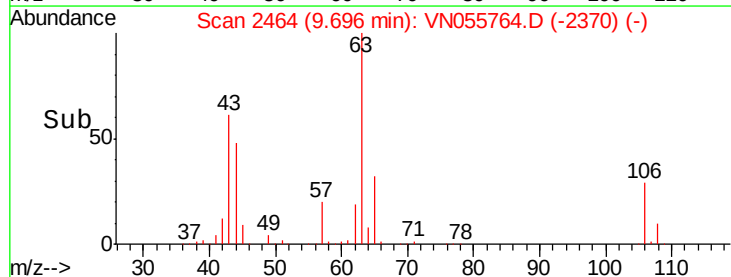
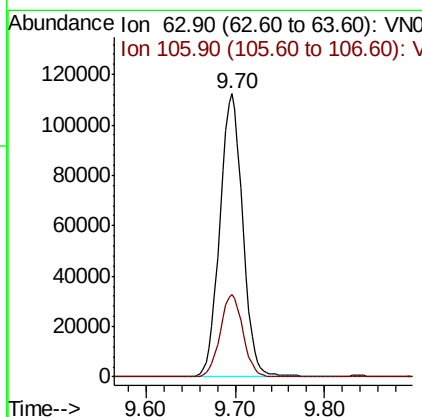
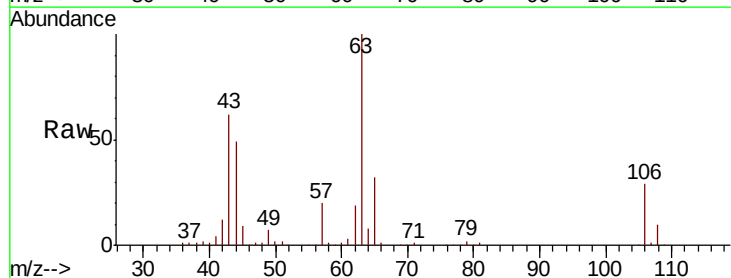
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD01

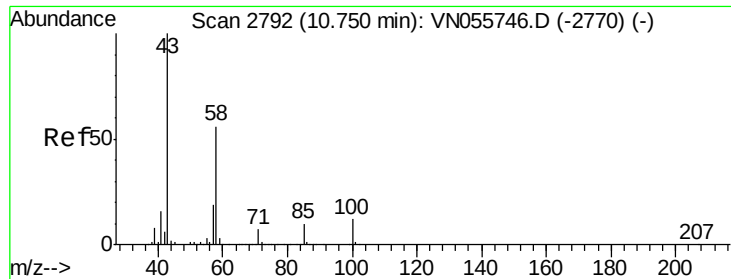
Tot Ion: 76 Resp: 112820
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.151 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055764.D
 Acq: 23 May 2019 19:42

Tgt Ion: 63 Resp: 199972
 Ion Ratio Lower Upper
 63 100
 106 28.8 22.7 34.1

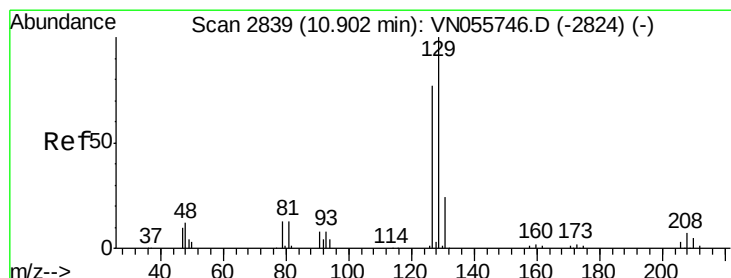
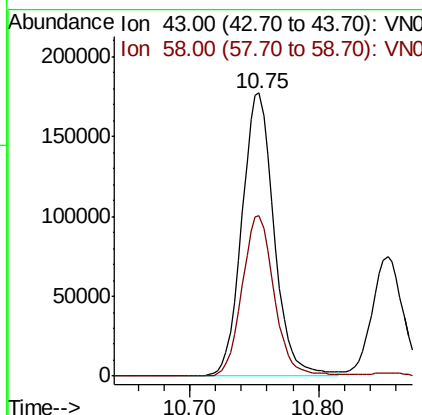
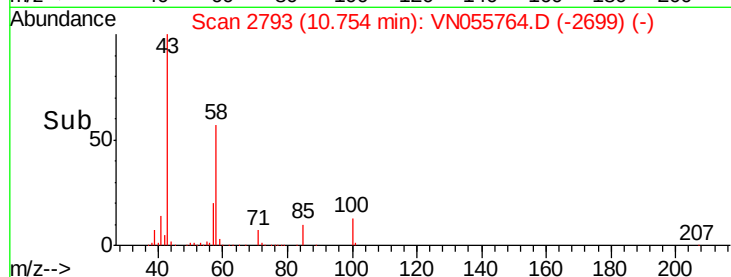
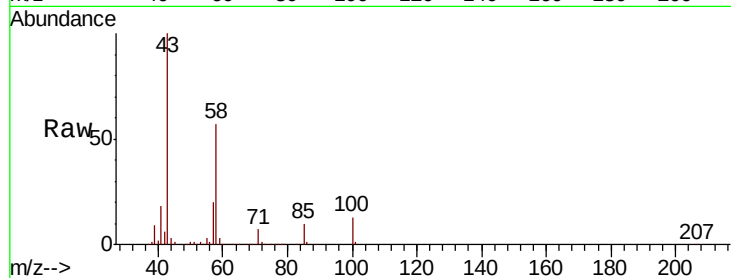




#59
2-Hexanone
Concen: 96.171 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

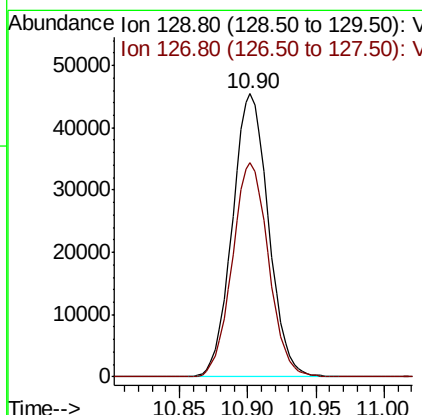
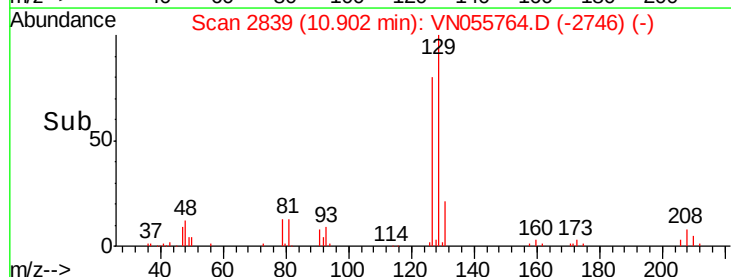
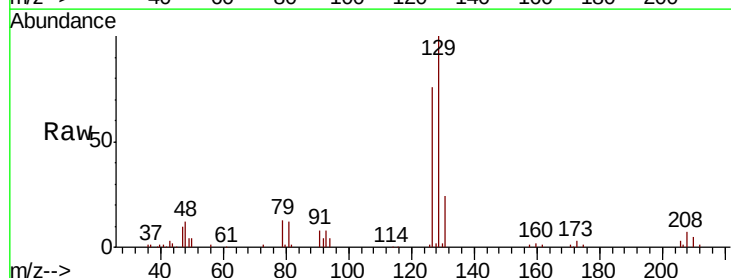
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

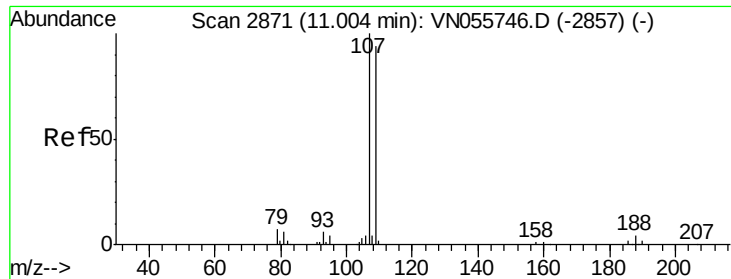
Tot Ion: 43 Resp: 306620
Ion Ratio Lower Upper
43 100
58 57.0 28.2 84.7



#60
Dibromochloromethane
Concen: 20.152 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

Tgt Ion: 129 Resp: 83537
Ion Ratio Lower Upper
129 100
127 75.6 38.1 114.3

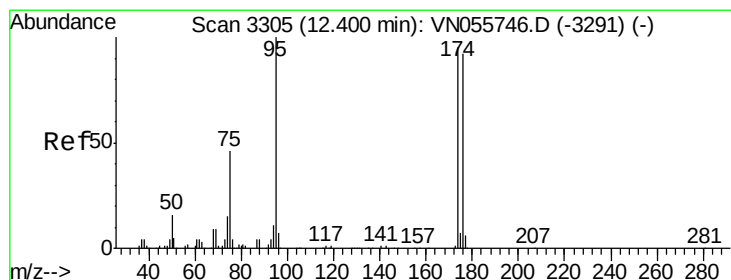
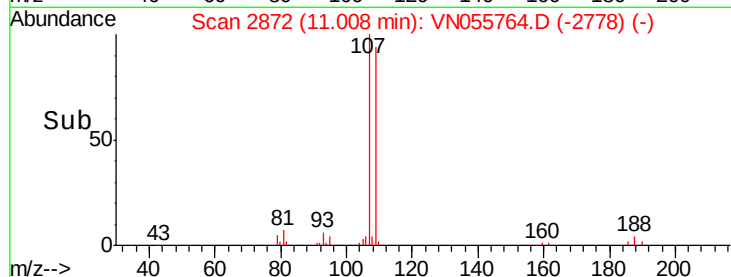
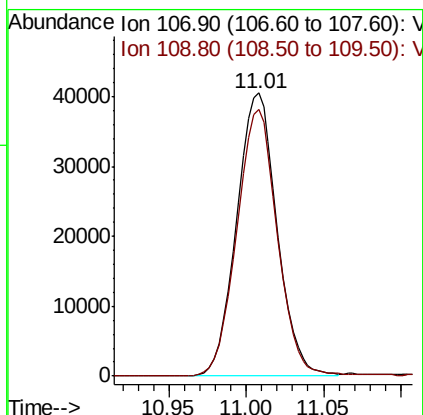
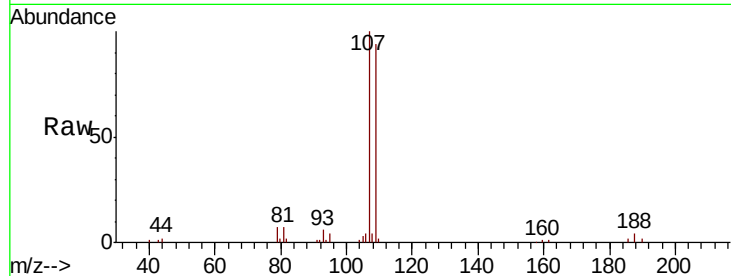




#61
 1,2-Dibromoethane
 Concen: 19.896 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN055764.D
 Acq: 23 May 2019 19:42

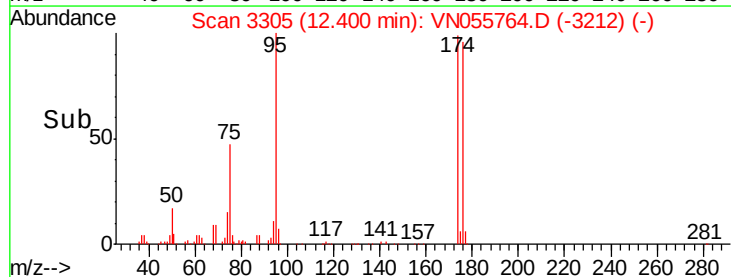
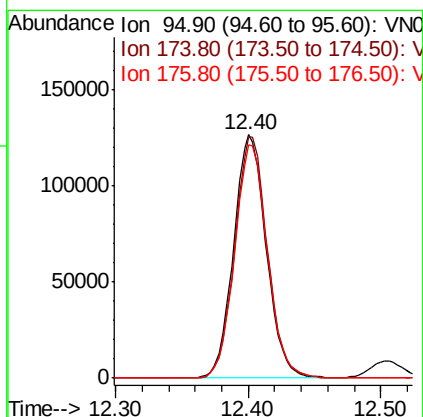
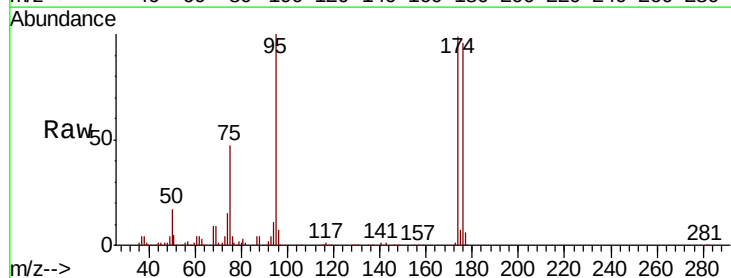
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD01

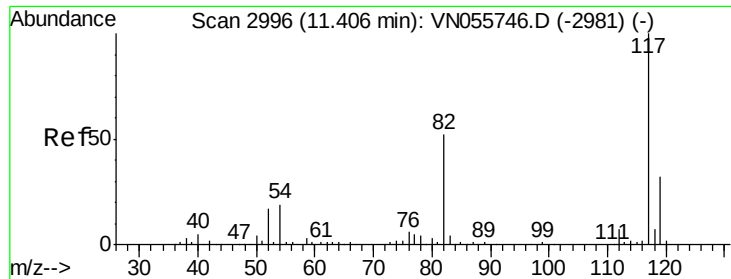
Tot Ion:107 Resp: 73434
 Ion Ratio Lower Upper
 107 100
 109 94.4 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 48.140 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055764.D
 Acq: 23 May 2019 19:42

Tgt Ion: 95 Resp: 215263
 Ion Ratio Lower Upper
 95 100
 174 99.4 0.0 191.0
 176 96.4 0.0 185.2

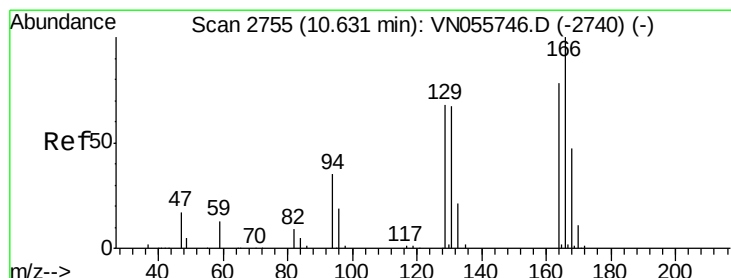
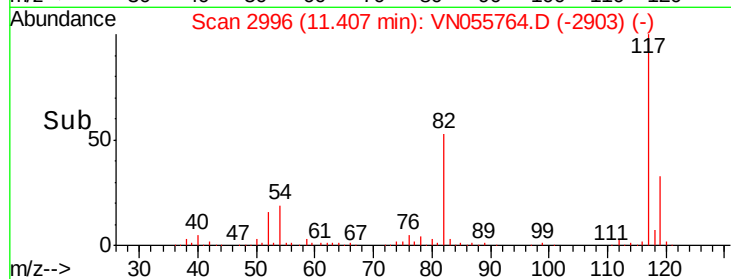
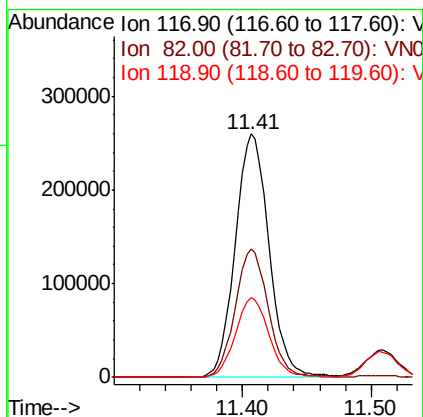
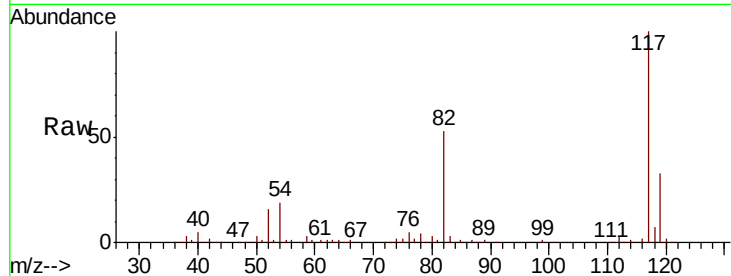




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

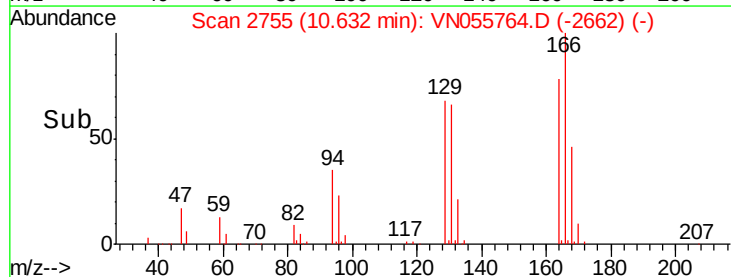
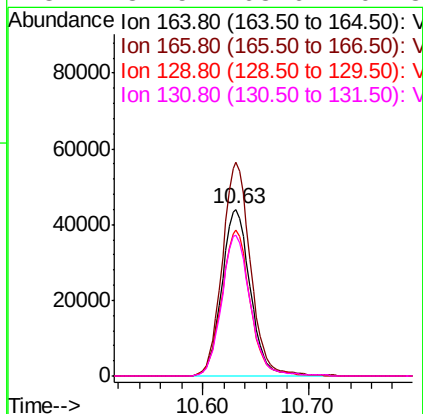
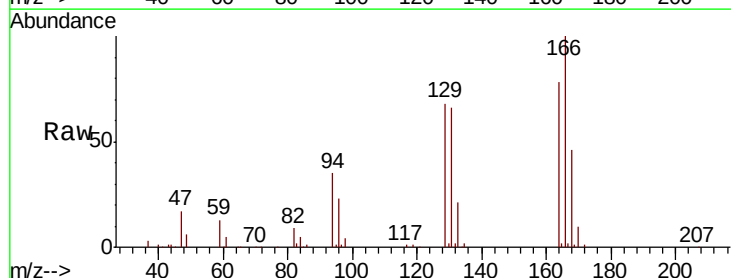
Instrument :
MSVOA_N
ClientSampled :
VN0523WBSD01

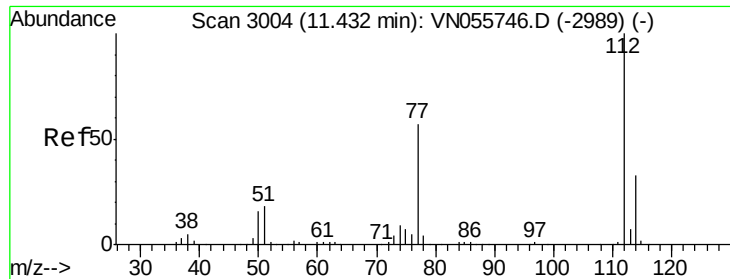
Tot Ion:117 Resp: 472738
Ion Ratio Lower Upper
117 100
82 52.9 41.8 62.8
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 20.617 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

Tgt Ion:164 Resp: 82205
Ion Ratio Lower Upper
164 100
166 128.0 103.0 154.6
129 87.4 70.6 105.8
131 84.5 68.6 102.8

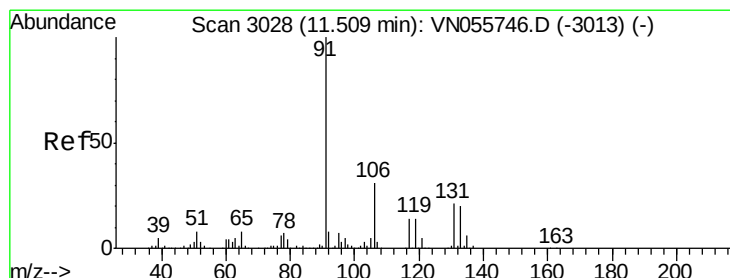
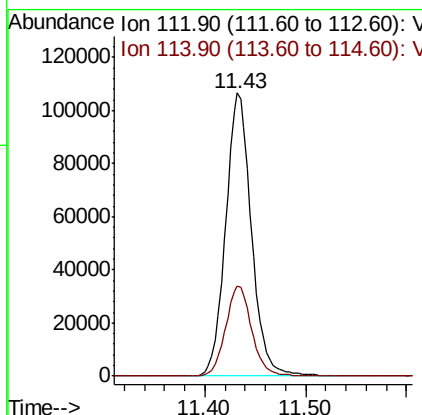
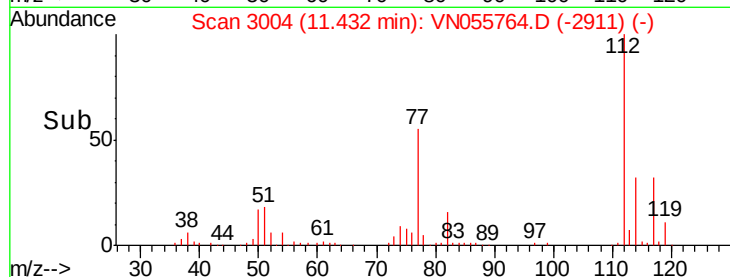
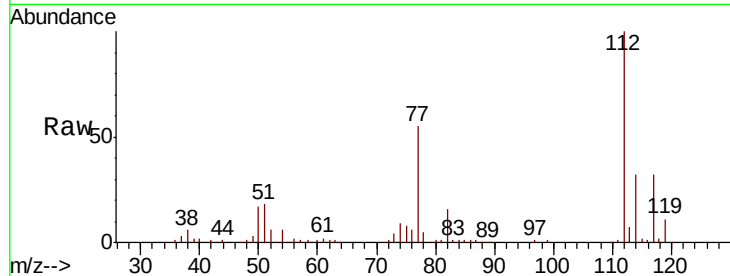




#65
Chlorobenzene
Concen: 20.086 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

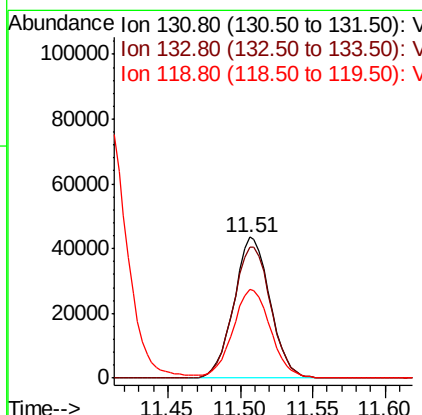
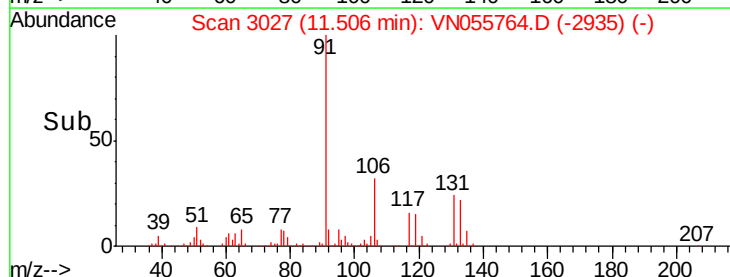
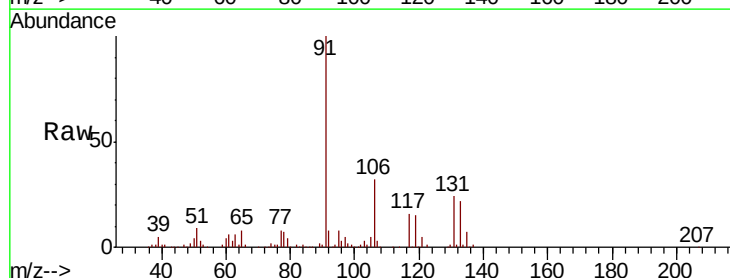
Instrument :
MSVOA_N
ClientSampled :
VN0523WBSD01

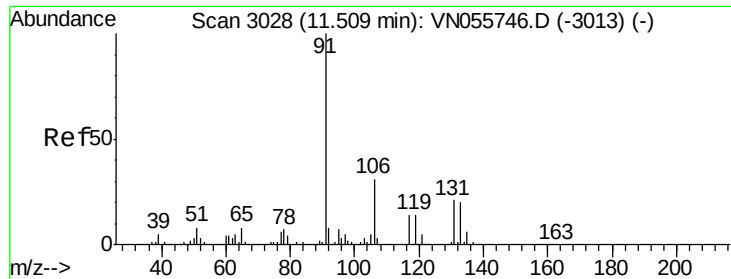
Tot Ion:112 Resp: 190089
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.040 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

Tgt Ion:131 Resp: 75639
Ion Ratio Lower Upper
131 100
133 96.3 48.0 144.0
119 65.9 33.1 99.5

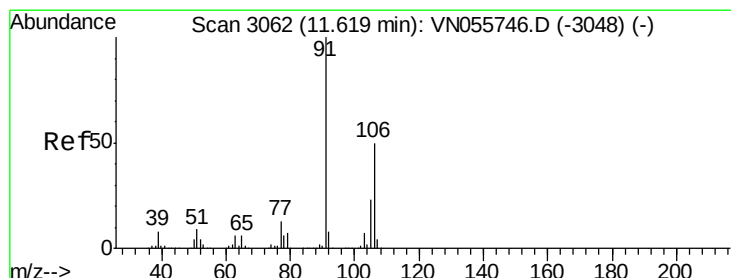
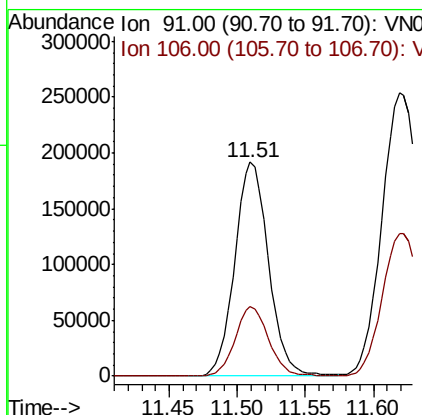
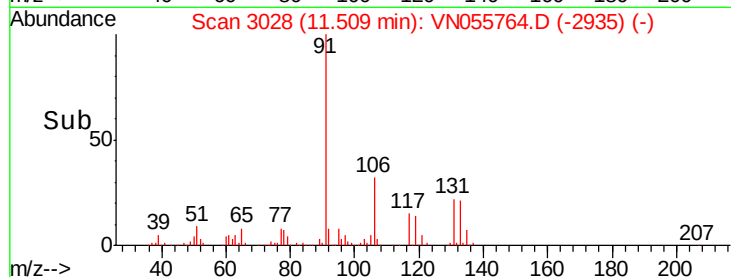
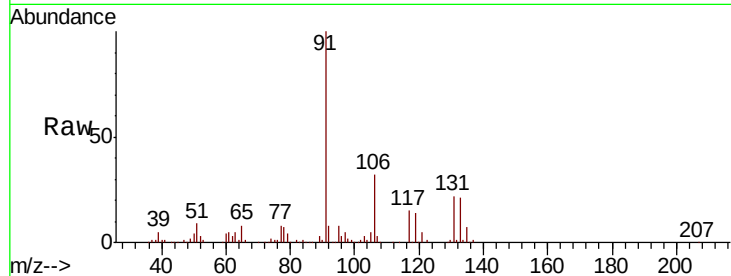




#67
Ethyl Benzene
Concen: 19.464 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

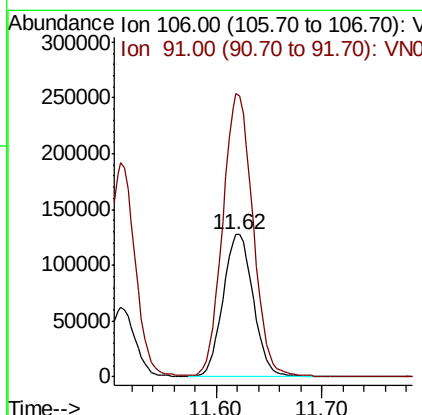
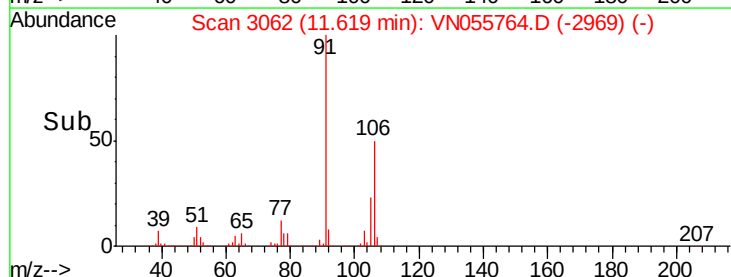
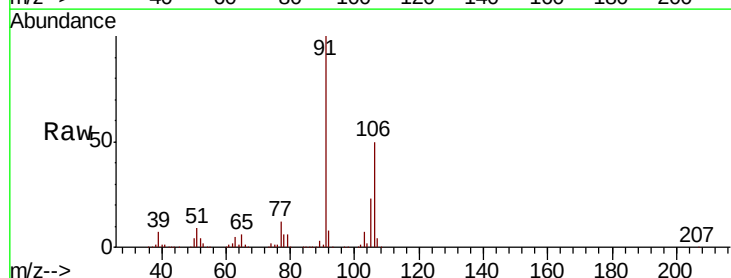
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

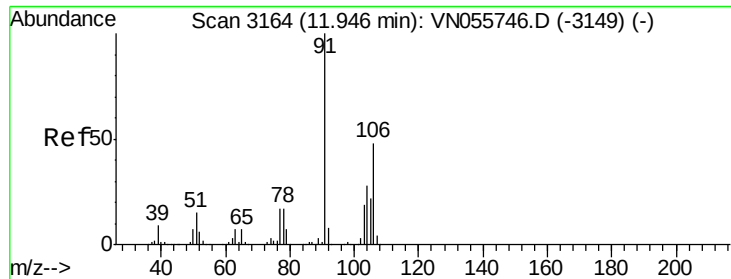
Tot Ion: 91 Resp: 330328
Ion Ratio Lower Upper
91 100
106 32.4 25.1 37.7



#68
m/p-Xylenes
Concen: 39.575 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

Tgt Ion: 106 Resp: 253907
Ion Ratio Lower Upper
106 100
91 198.7 159.3 238.9

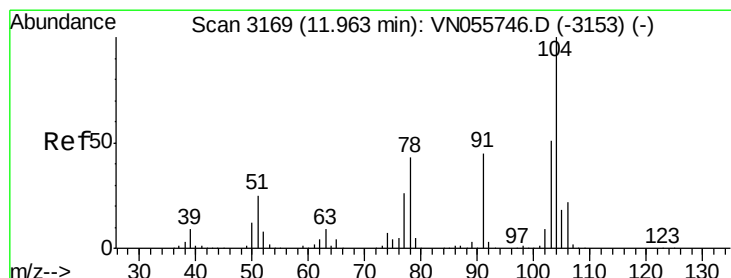
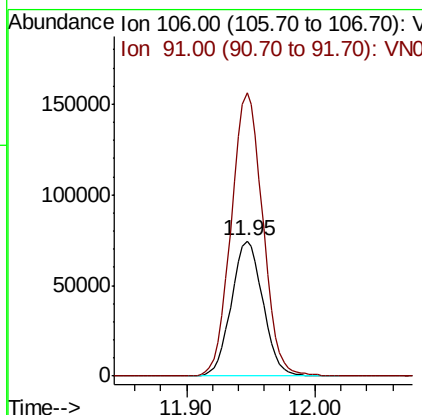
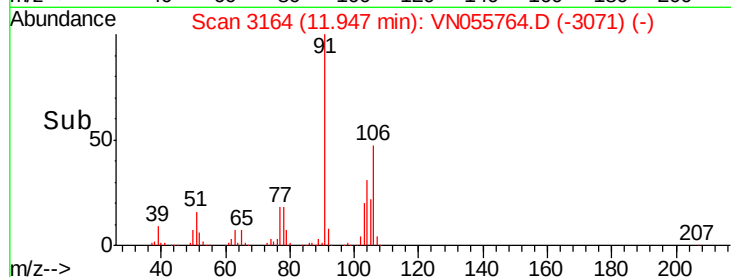
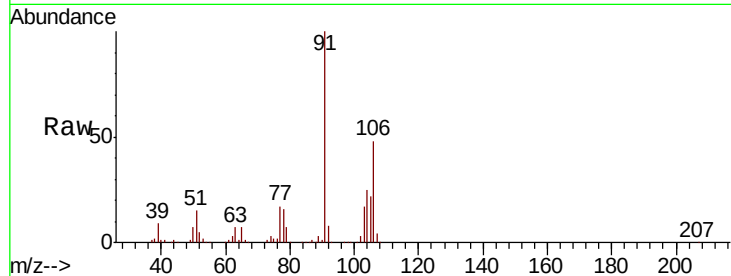




#69
o-Xylene
Concen: 19.927 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

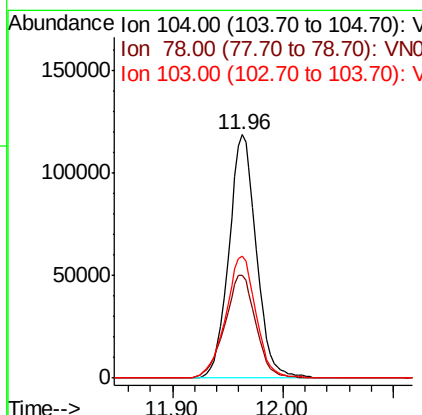
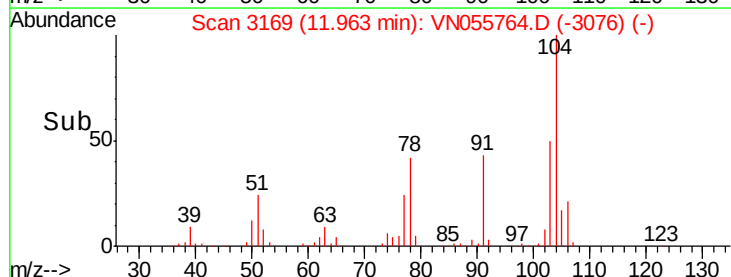
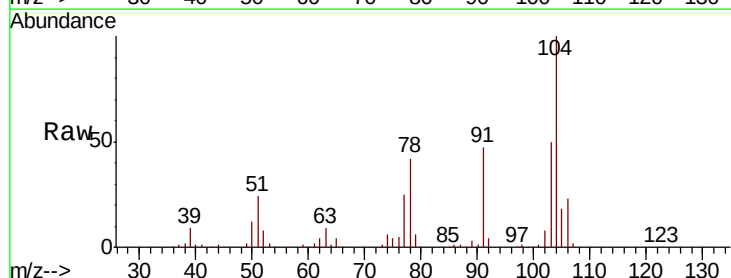
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

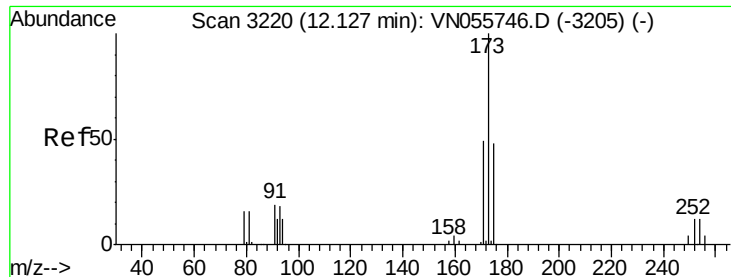
Tot Ion:106 Resp: 126841
Ion Ratio Lower Upper
106 100
91 209.2 104.7 314.1



#70
Styrene
Concen: 19.860 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

Tgt Ion:104 Resp: 204726
Ion Ratio Lower Upper
104 100
78 47.6 37.8 56.6
103 55.2 44.2 66.2

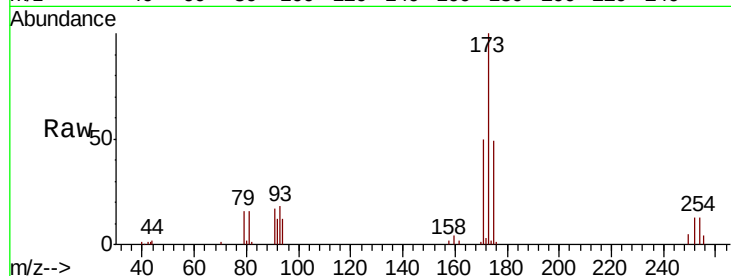




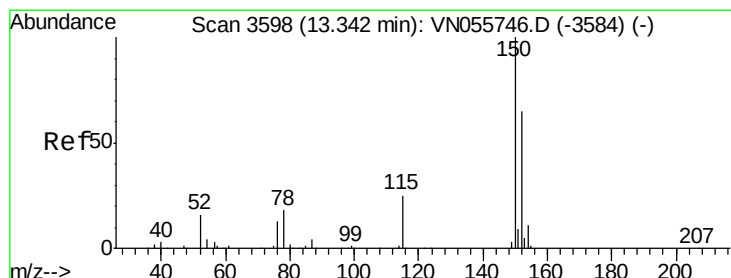
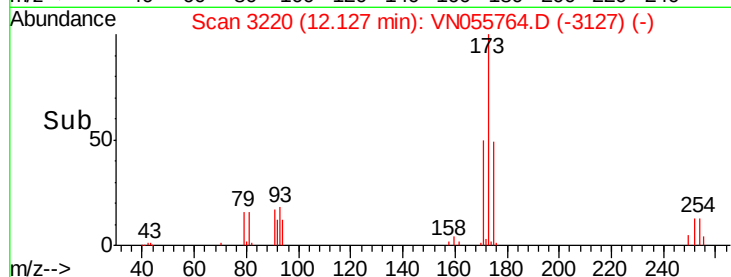
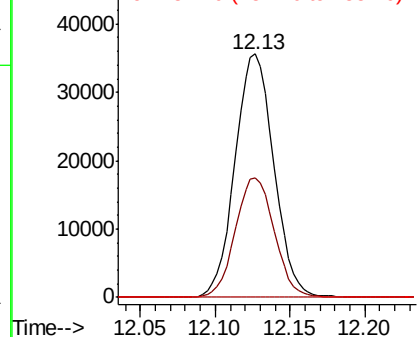
#71
Bromoform
Concen: 19.996 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

Tot Ion:173 Resp: 64377
Ion Ratio Lower Upper
173 100
175 49.1 24.3 72.8
254 0.0 0.0 0.0

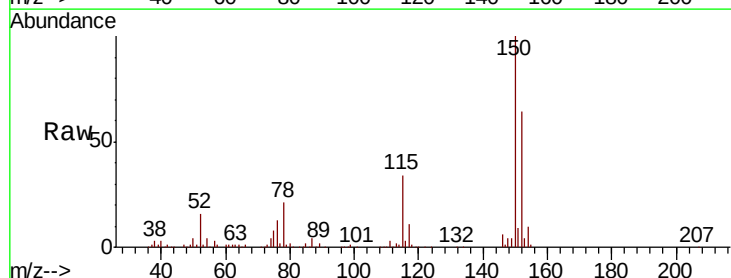


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

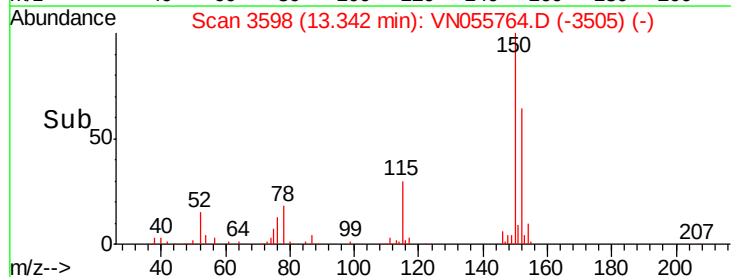
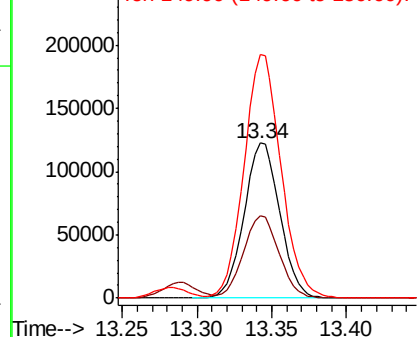


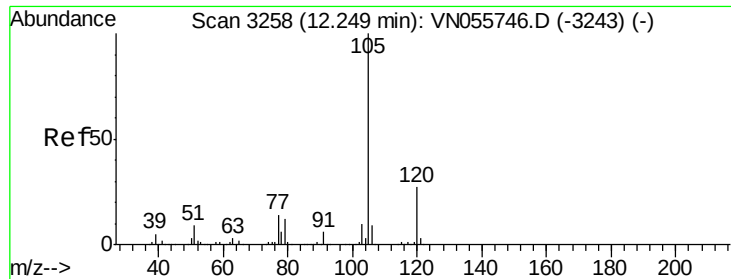
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

Tgt Ion:152 Resp: 203415
Ion Ratio Lower Upper
152 100
115 53.2 27.0 81.0
150 163.0 0.0 343.2



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

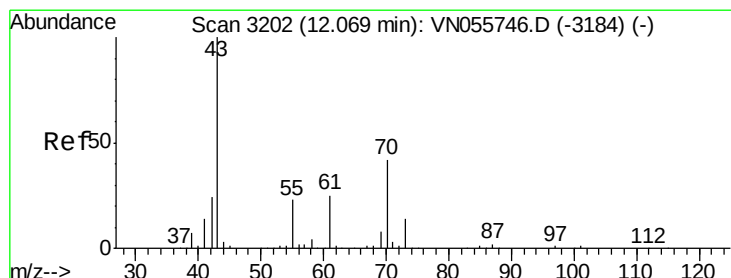
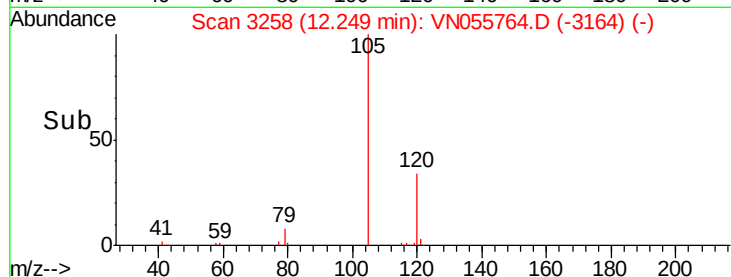
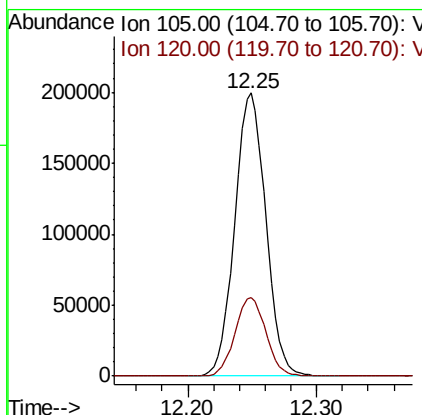
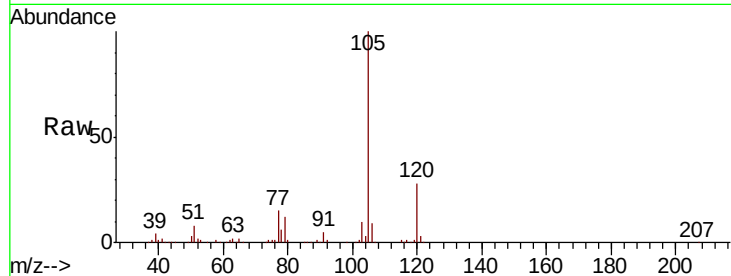




#73
Isopropylbenzene
Concen: 21.536 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

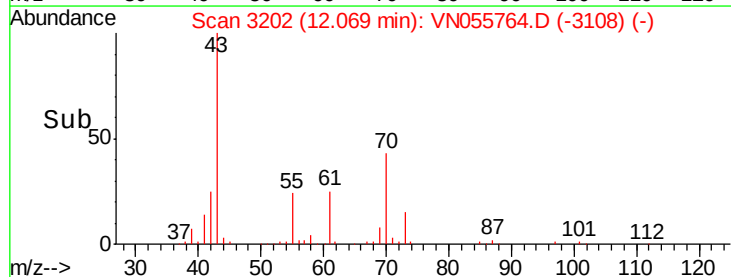
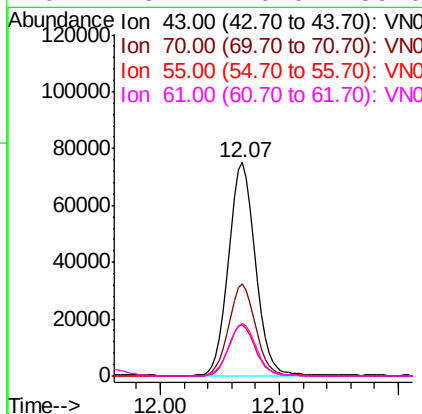
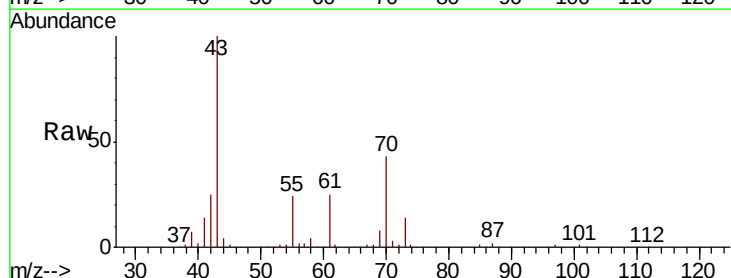
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

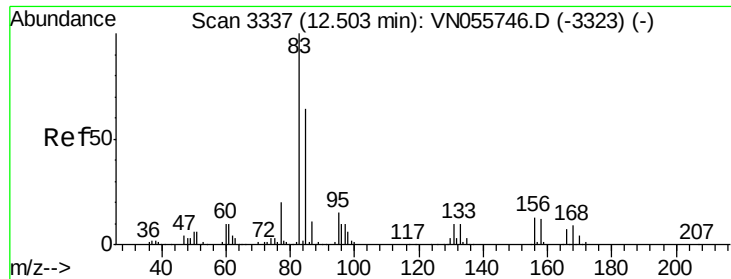
Tot Ion:105 Resp: 333583
Ion Ratio Lower Upper
105 100
120 27.7 13.6 40.7



#74
N-ethyl acetate
Concen: 19.882 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

Tgt Ion: 43 Resp: 117078
Ion Ratio Lower Upper
43 100
70 43.4 34.0 51.0
55 24.2 18.6 28.0
61 25.2 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.919 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055764.D

Acq: 23 May 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD01

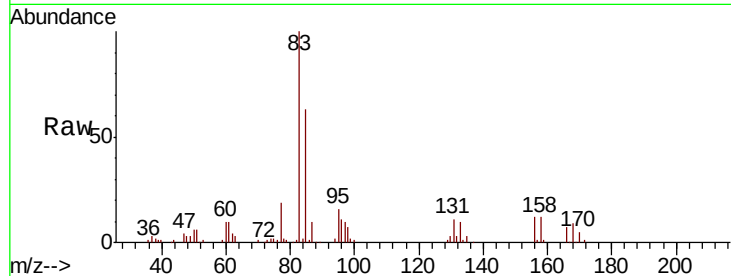
Tot Ion: 83 Resp: 97902

Ion Ratio Lower Upper

83 100

131 11.3 5.4 16.2

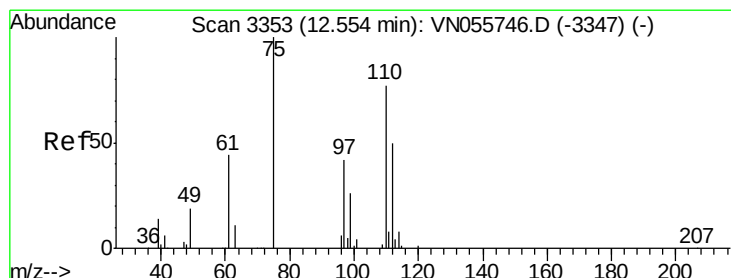
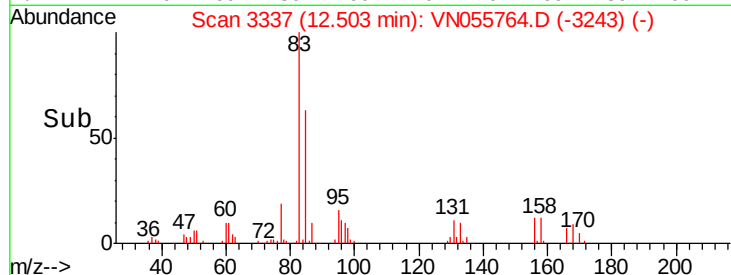
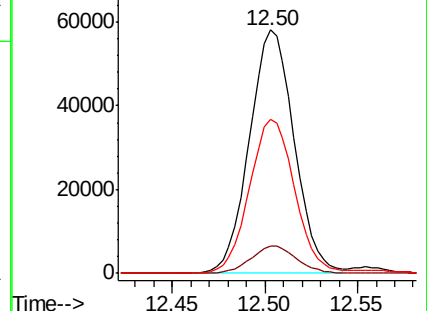
85 63.9 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 32.546 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055764.D

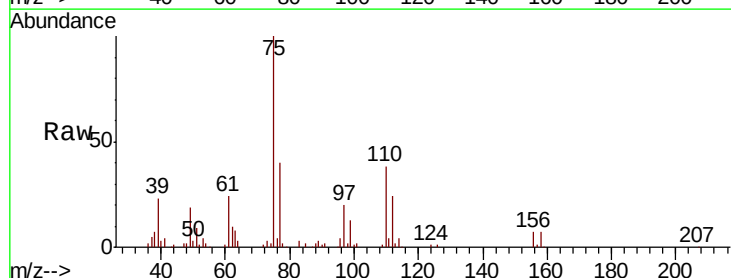
Acq: 23 May 2019 19:42

Tgt Ion: 75 Resp: 117847

Ion Ratio Lower Upper

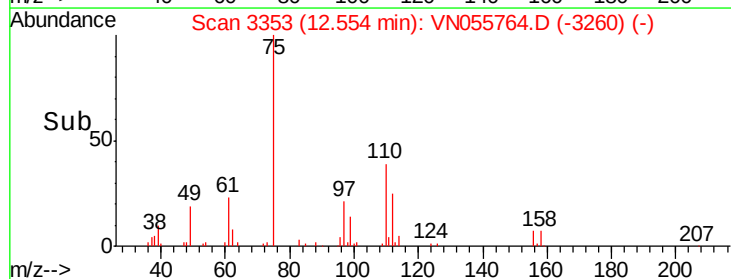
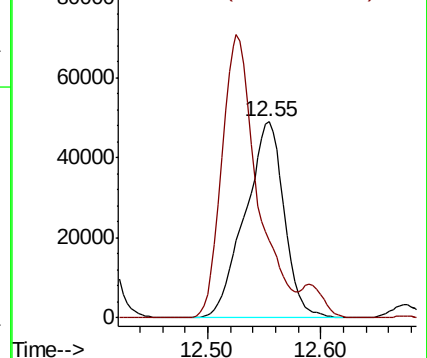
75 100

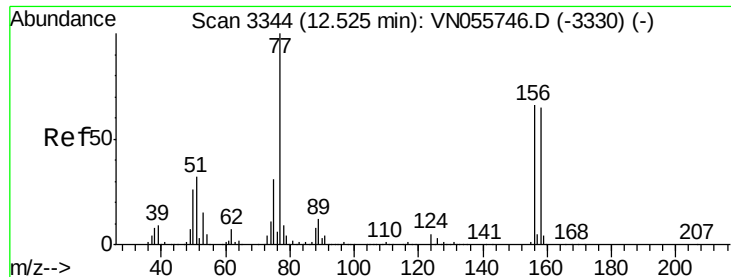
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.214 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055764.D

Acq: 23 May 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD01

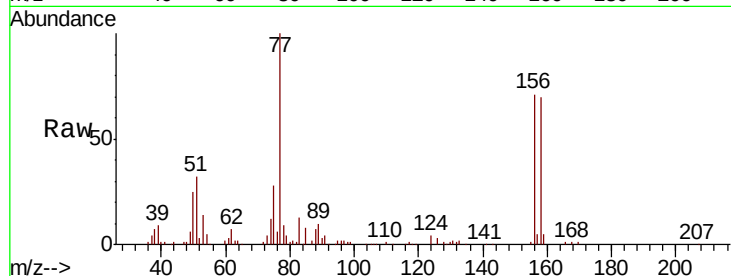
Tot Ion:156 Resp: 87741

Ion Ratio Lower Upper

156 100

77 174.9 90.8 272.5

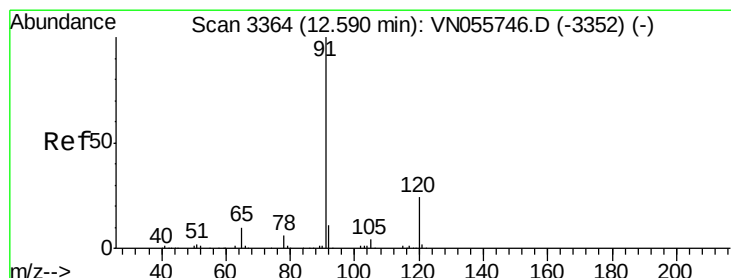
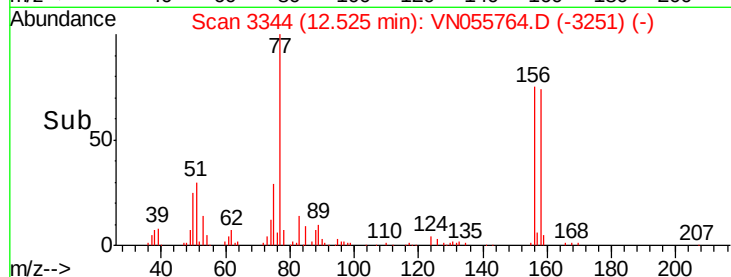
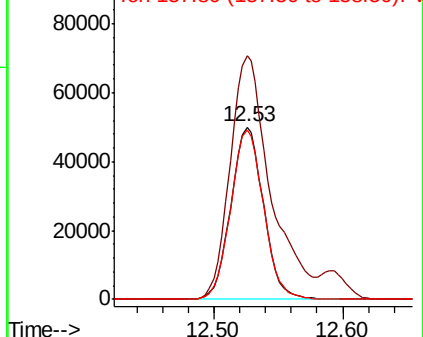
158 99.2 49.3 147.8



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: 19.416 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055764.D

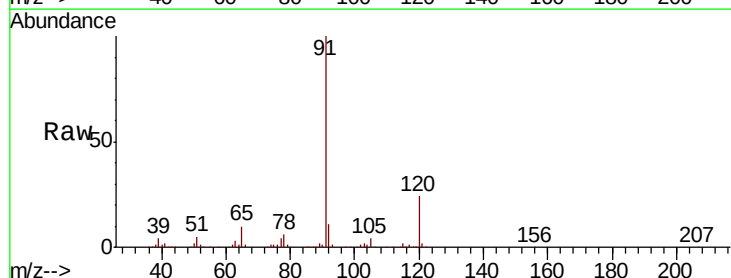
Acq: 23 May 2019 19:42

Tgt Ion: 91 Resp: 343263

Ion Ratio Lower Upper

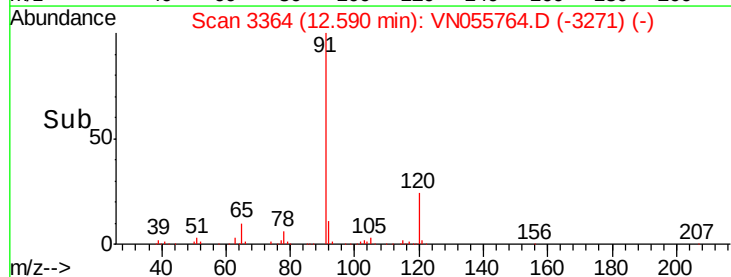
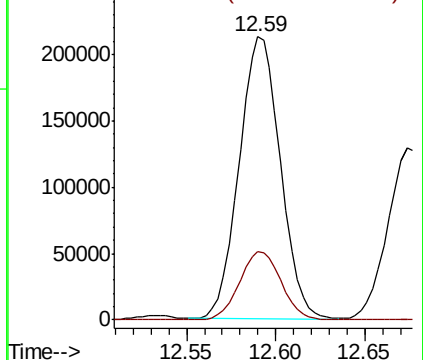
91 100

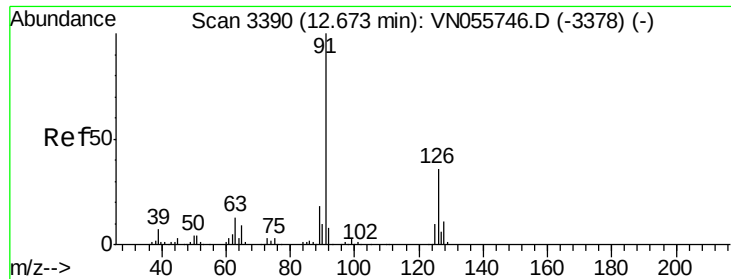
120 24.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.963 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055764.D

Acq: 23 May 2019 19:42

Instrument :

MSVOA_N

ClientSampled :

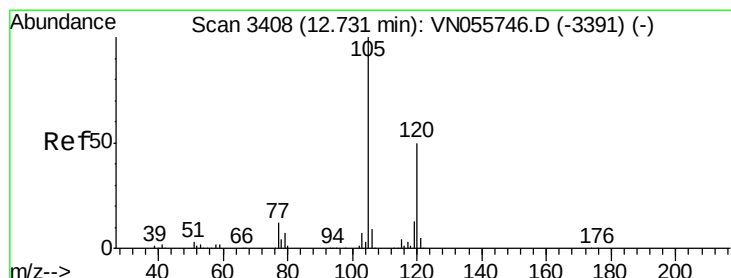
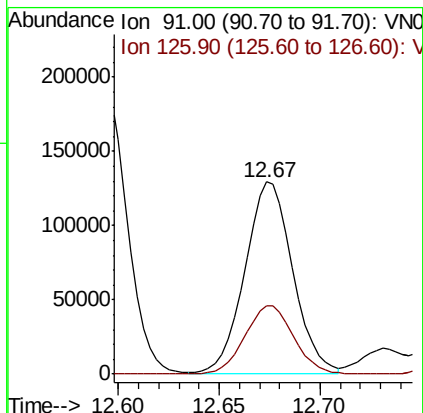
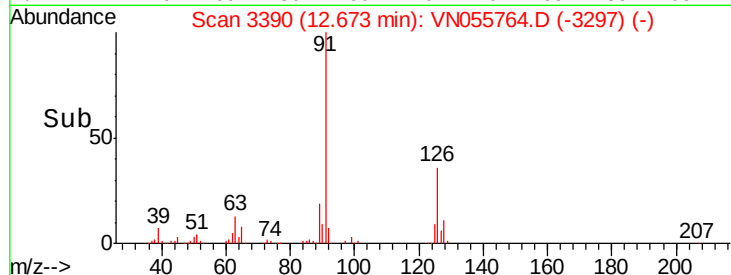
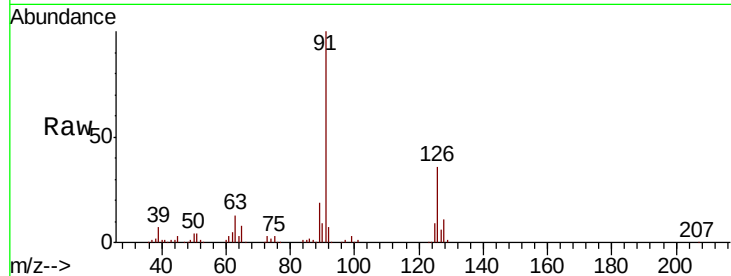
VN0523WBSD01

Tot Ion: 91 Resp: 213725

Ion Ratio Lower Upper

91 100

126 36.5 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 21.068 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055764.D

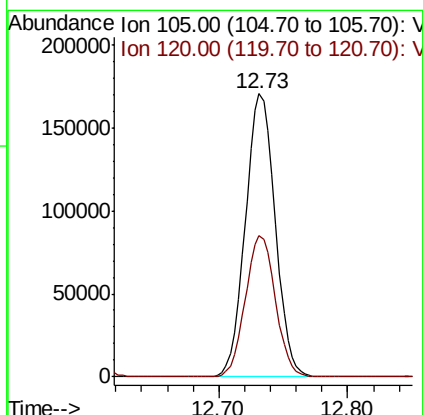
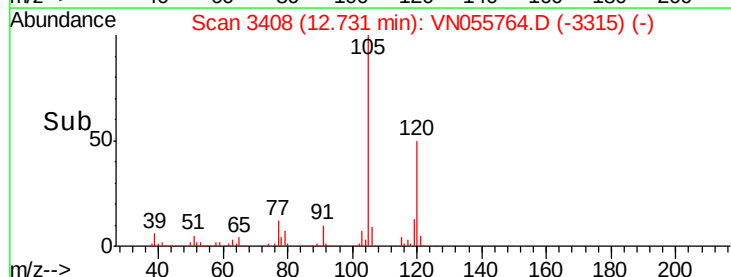
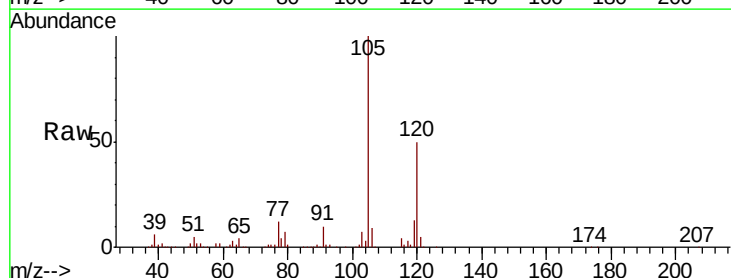
Acq: 23 May 2019 19:42

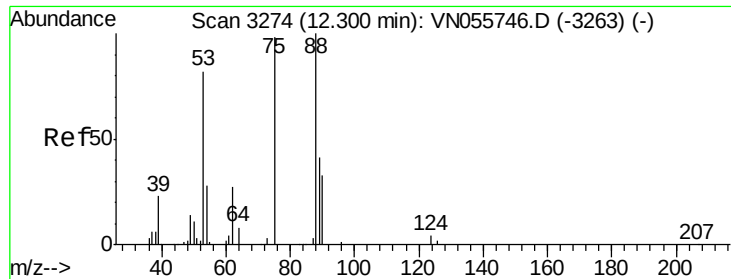
Tgt Ion: 105 Resp: 274640

Ion Ratio Lower Upper

105 100

120 50.1 24.7 74.1

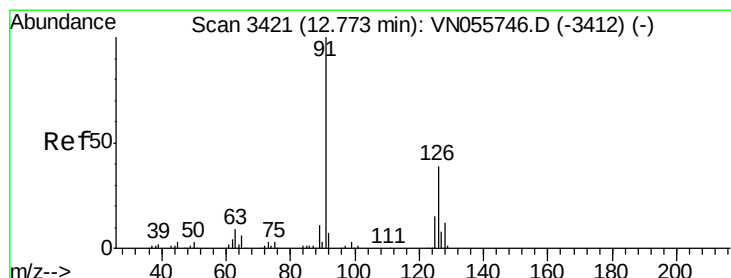
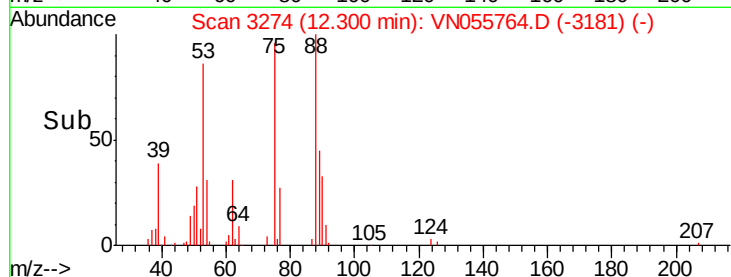
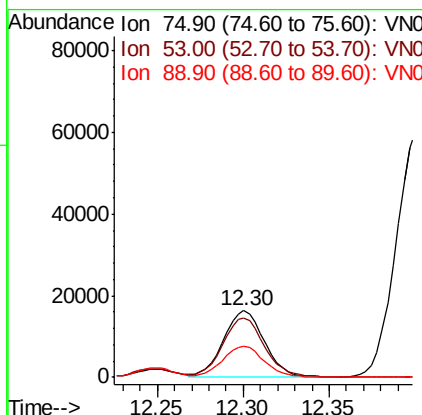
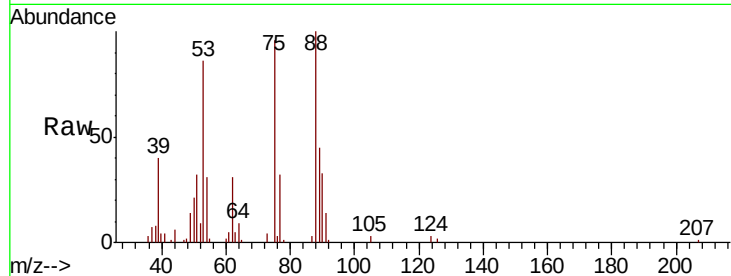




#81
trans-1,4-Dichloro-2-butene
Concen: 18.116 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

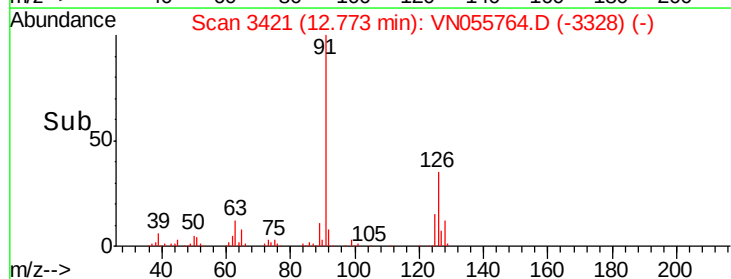
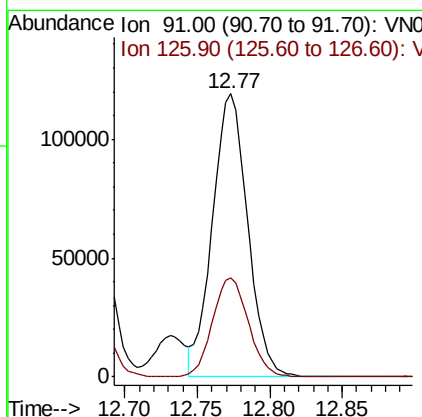
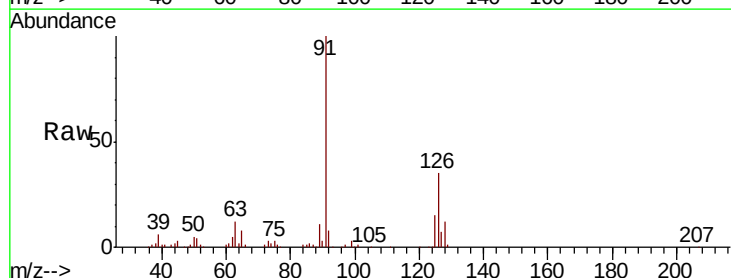
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

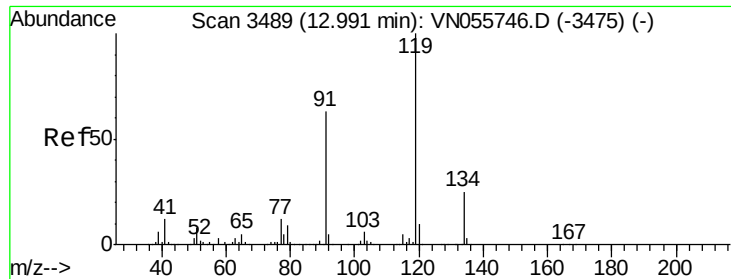
Tot Ion: 75 Resp: 27388
Ion Ratio Lower Upper
75 100
53 90.4 68.1 102.1
89 47.1 36.9 55.3



#82
4-Chlorotoluene
Concen: 19.341 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

Tgt Ion: 91 Resp: 201001
Ion Ratio Lower Upper
91 100
126 35.6 17.8 53.3

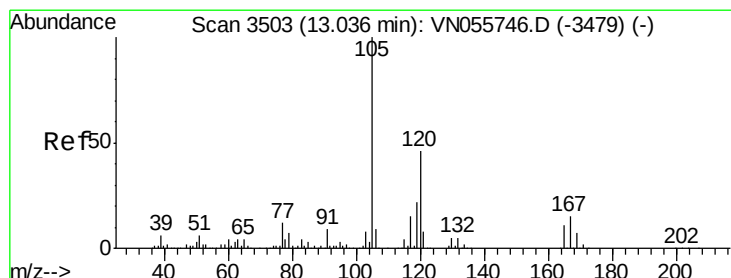
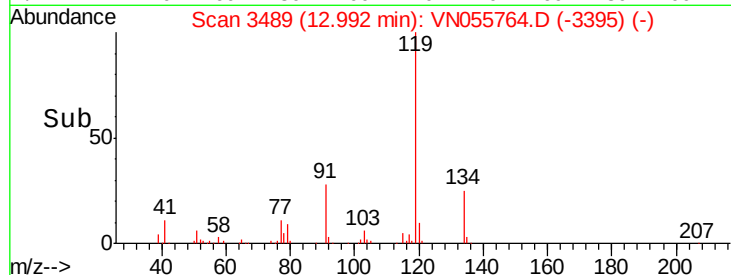
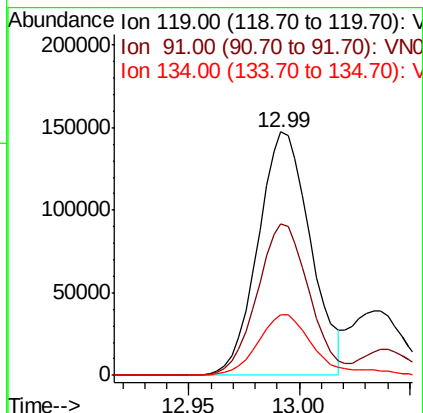
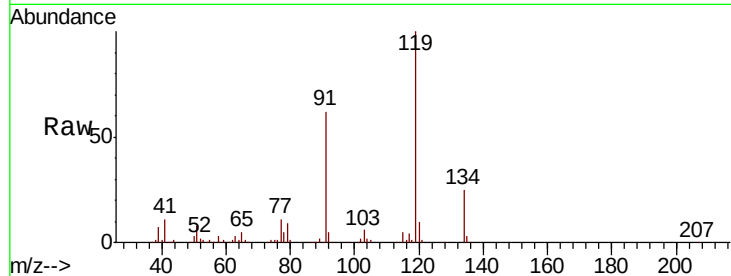




#83
 tert-Butylbenzene
 Concen: 21.381 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055764.D
 Acq: 23 May 2019 19:42

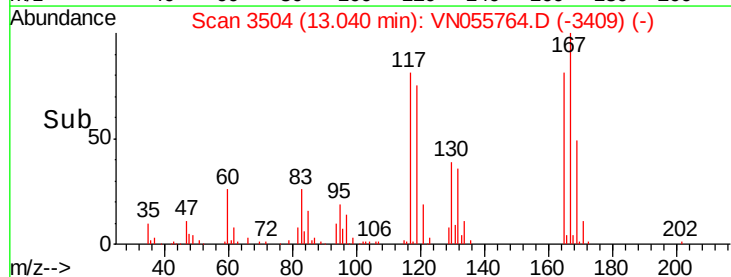
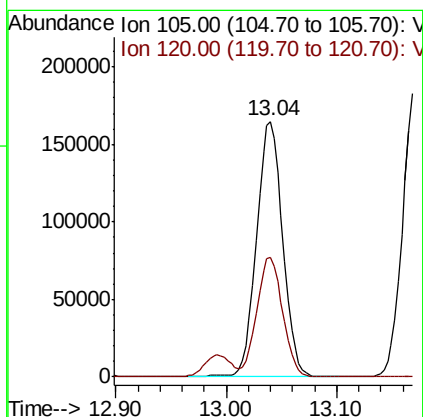
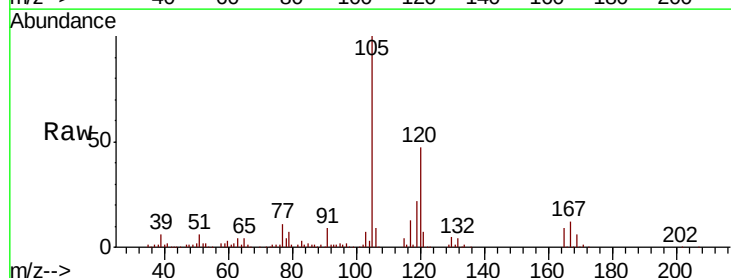
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD01

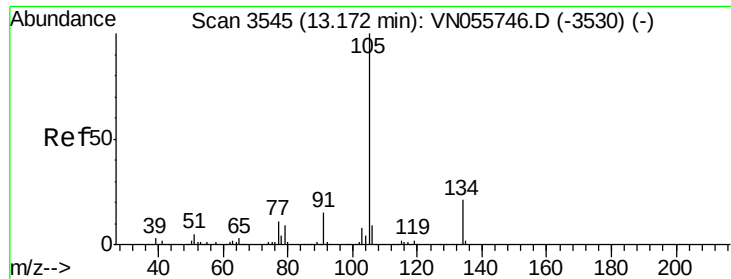
Tot Ion:119 Resp: 243331
 Ion Ratio Lower Upper
 119 100
 91 61.6 30.9 92.8
 134 26.7 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.834 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055764.D
 Acq: 23 May 2019 19:42

Tgt Ion:105 Resp: 269942
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.937 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055764.D

Acq: 23 May 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

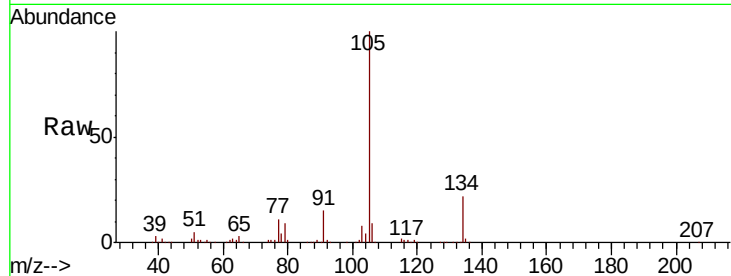
VN0523WBSD01

Tot Ion:105 Resp: 305497

Ion Ratio Lower Upper

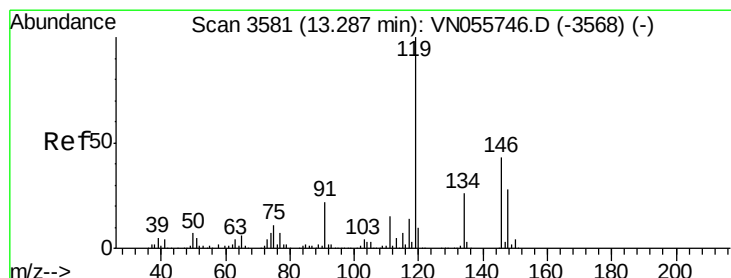
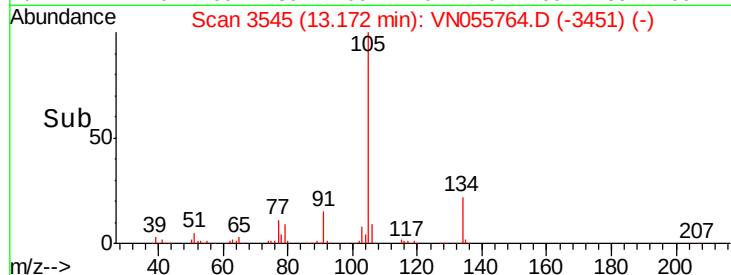
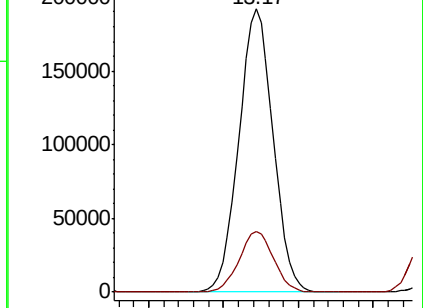
105 100

134 21.6 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.841 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055764.D

Acq: 23 May 2019 19:42

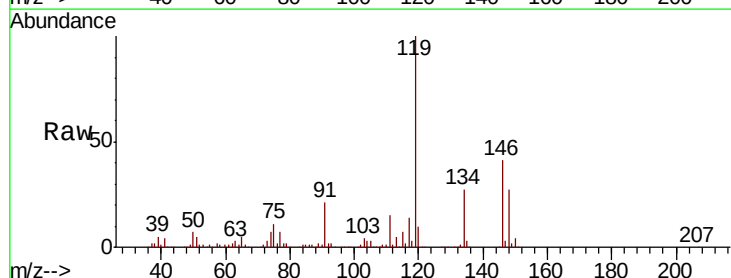
Tgt Ion:119 Resp: 280283

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

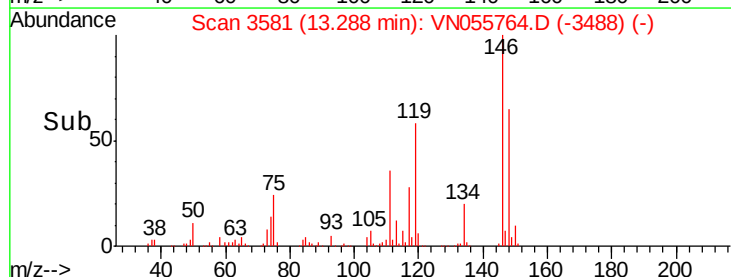
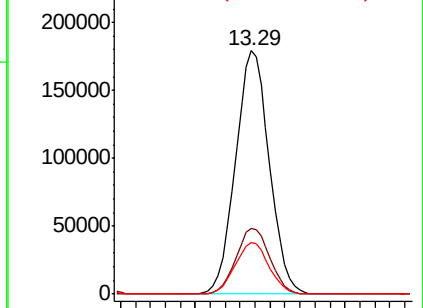
91 21.3 10.9 32.9

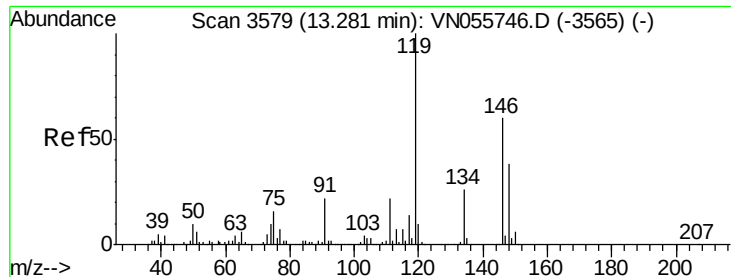


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

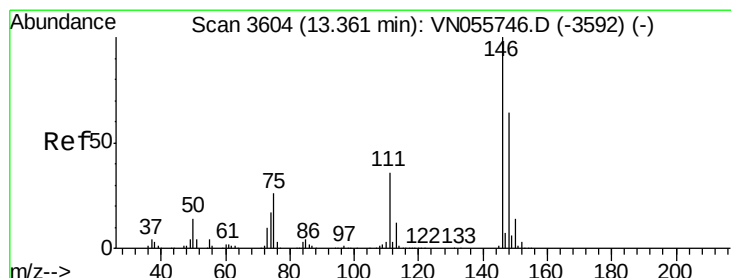
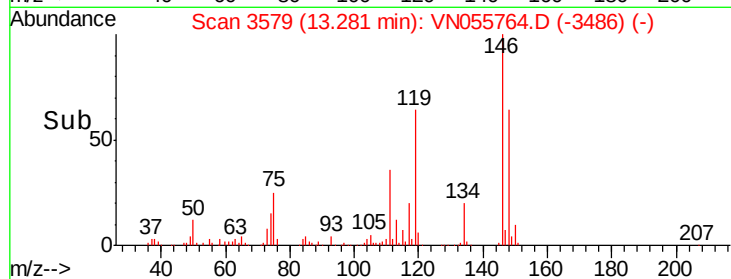
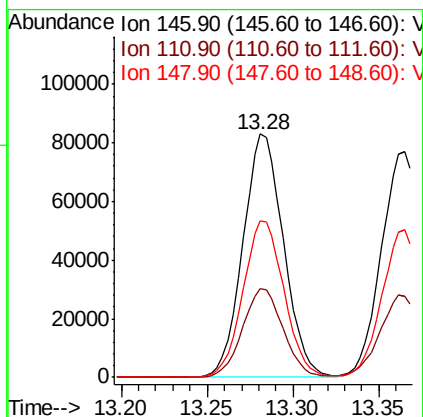
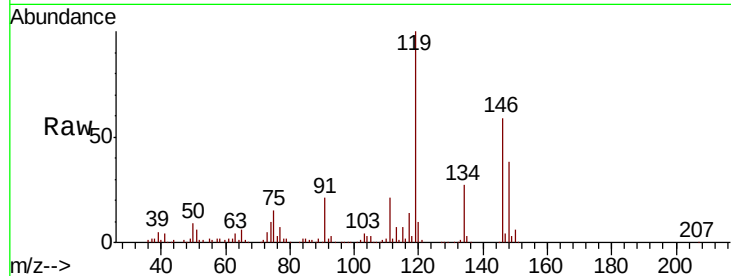




#87
 1,3-Dichlorobenzene
 Concen: 19.837 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055764.D
 Acq: 23 May 2019 19:42

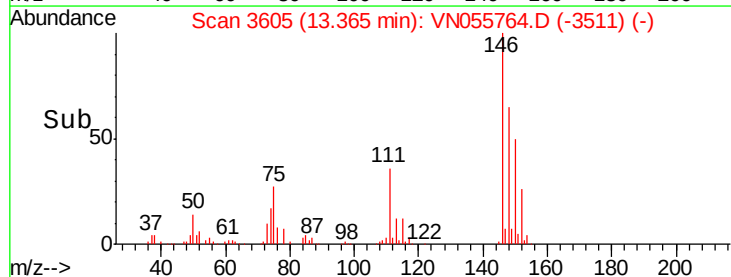
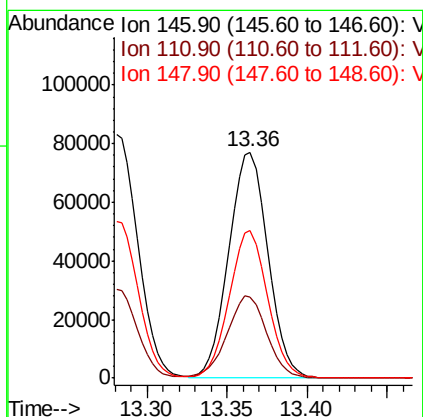
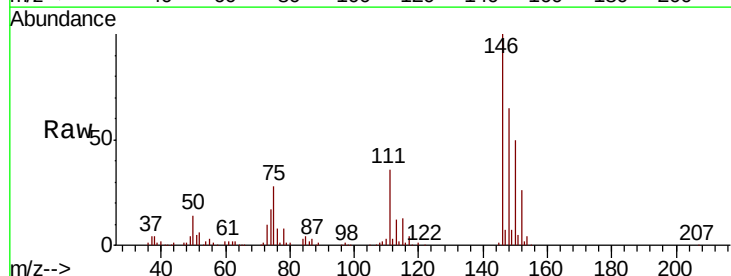
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD01

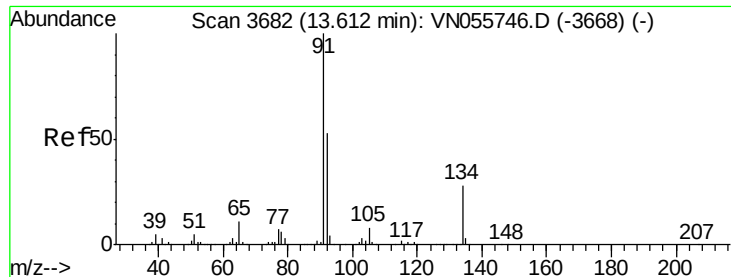
Tot Ion:146 Resp: 136341
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.5 55.5
 148 64.7 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.703 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN055764.D
 Acq: 23 May 2019 19:42

Tgt Ion:146 Resp: 128753
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.1 54.4
 148 64.0 32.1 96.5

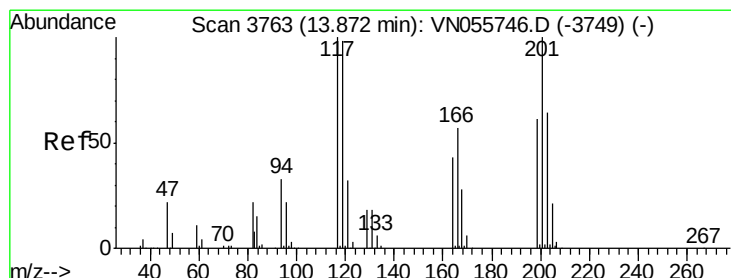
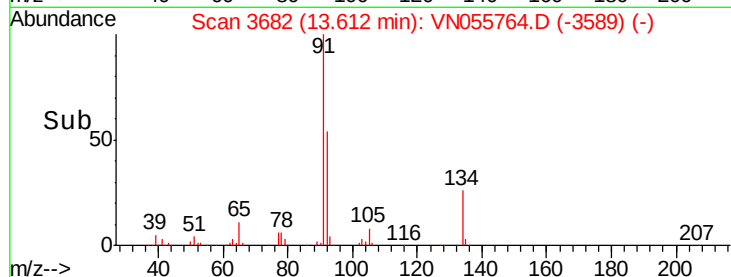
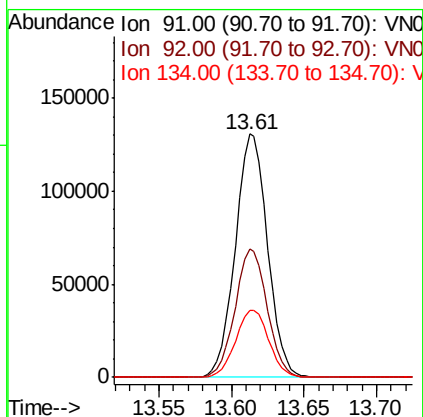
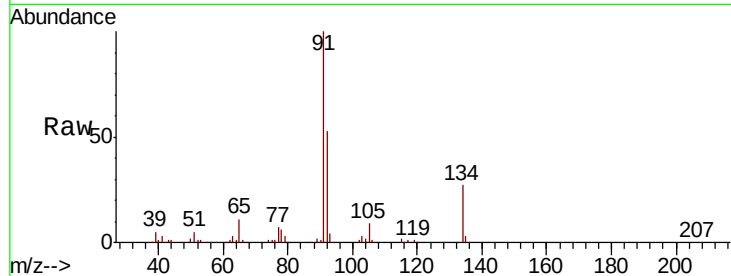




#89
n-Butylbenzene
Concen: 18.607 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

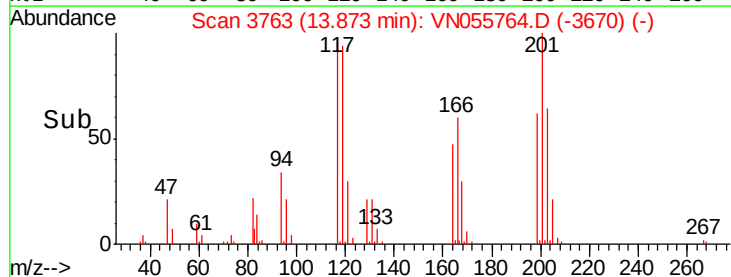
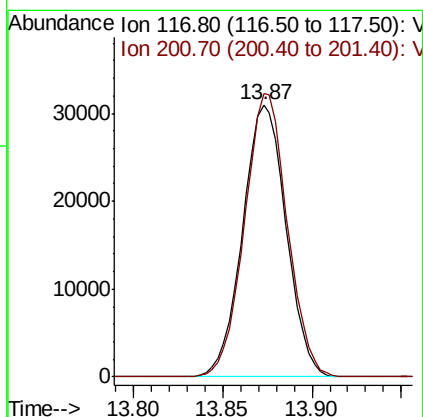
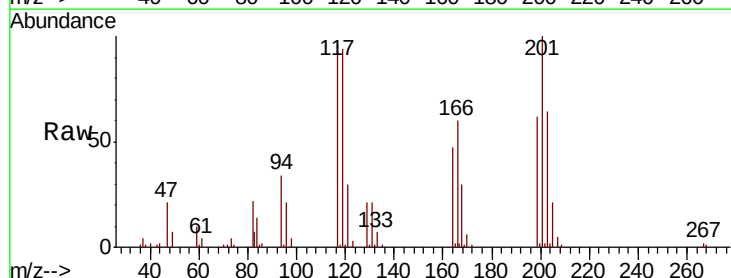
Instrument :
MSVOA_N
ClientSampled :
VN0523WBSD01

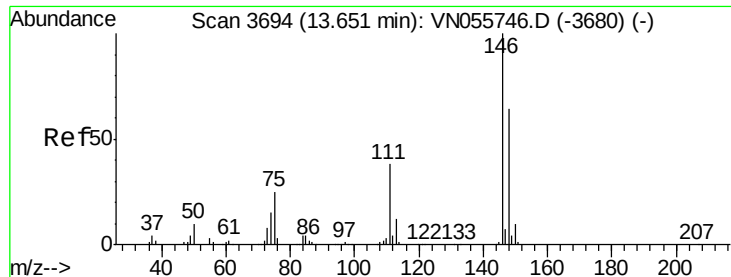
Tot Ion: 91 Resp: 201399
Ion Ratio Lower Upper
91 100
92 52.5 26.4 79.0
134 28.4 13.9 41.7



#90
Hexachloroethane
Concen: 19.596 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055764.D
Acq: 23 May 2019 19:42

Tgt Ion: 117 Resp: 52691
Ion Ratio Lower Upper
117 100
201 102.6 50.0 150.0

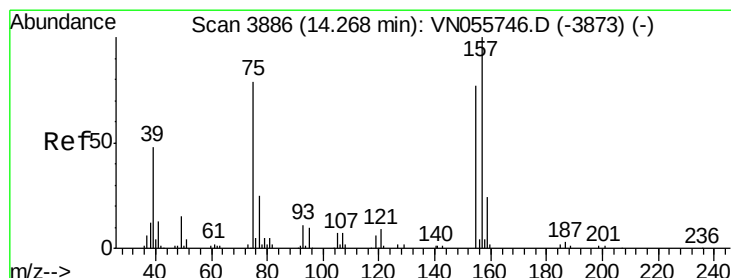
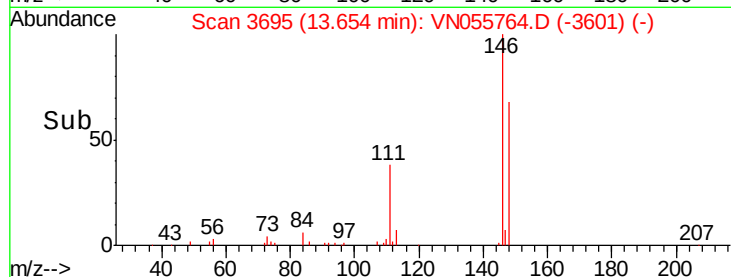
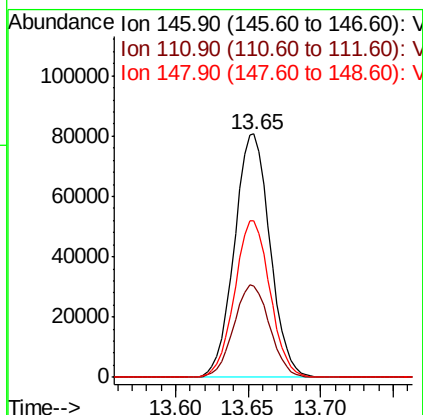
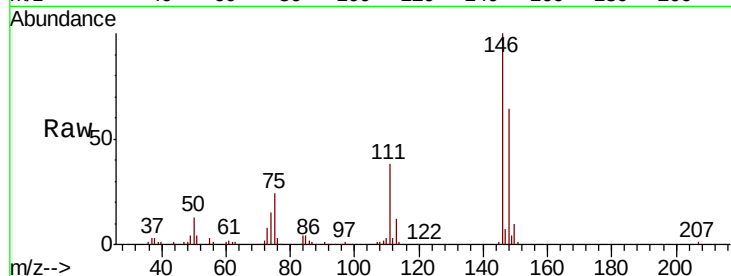




#91
 1,2-Dichlorobenzene
 Concen: 20.036 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN055764.D
 Acq: 23 May 2019 19:42

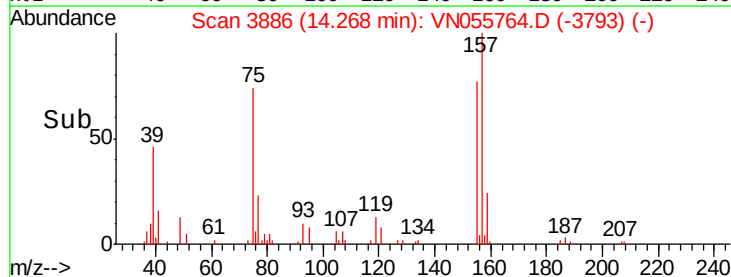
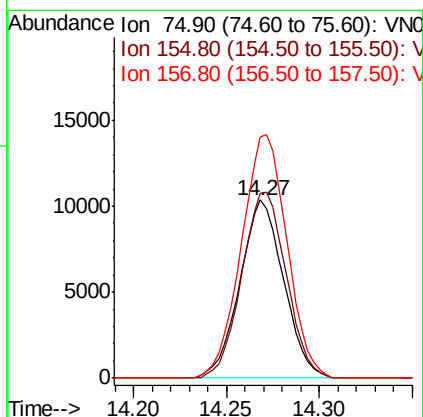
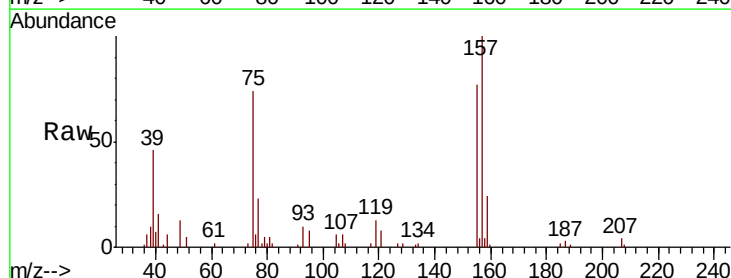
Instrument :
 MSVOA_N
 ClientSampled :
 VN0523WBSD01

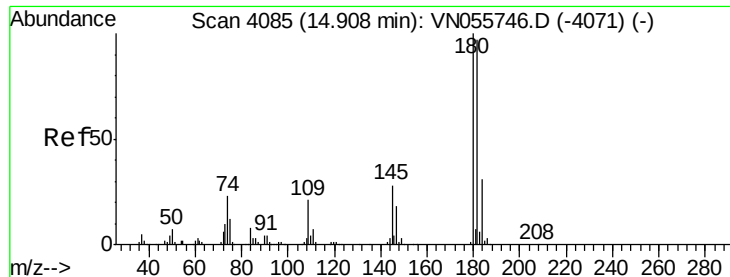
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.5
148	64.0	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.832 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN055764.D
 Acq: 23 May 2019 19:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.0	50.0	150.1
157	142.3	64.8	194.3

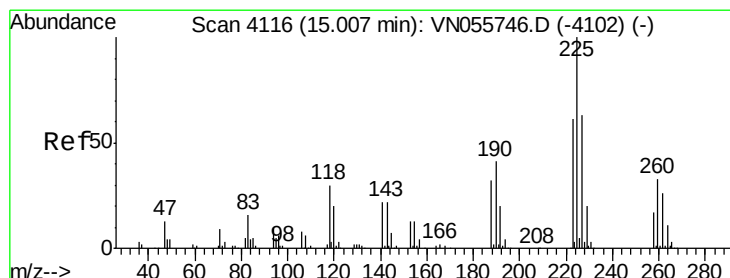
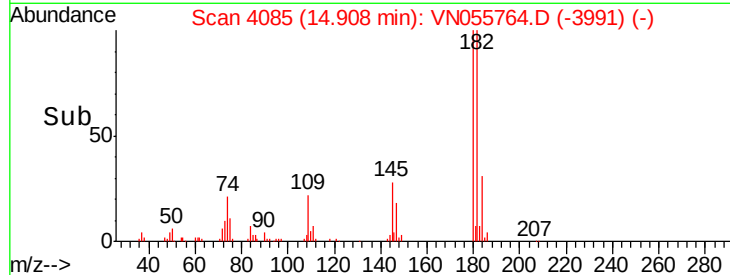
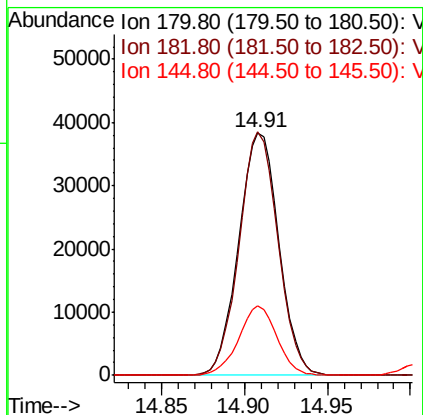
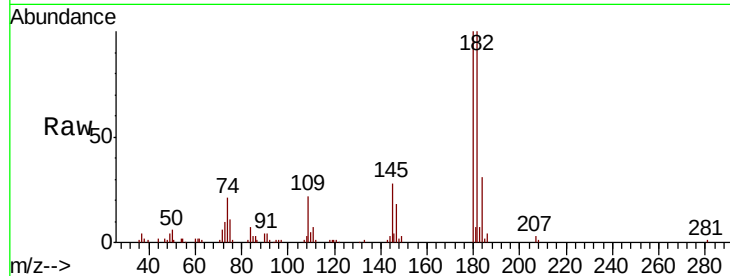




#93
 1,2,4-Trichlorobenzene
 Concen: 18.753 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055764.D
 Acq: 23 May 2019 19:42

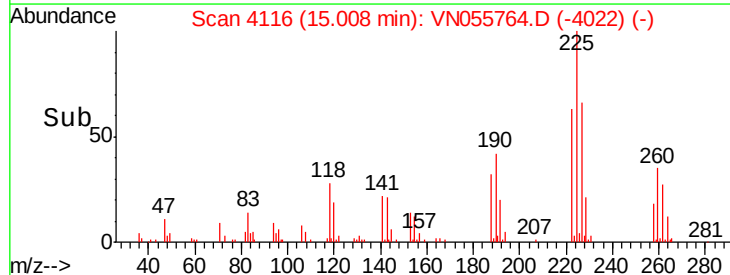
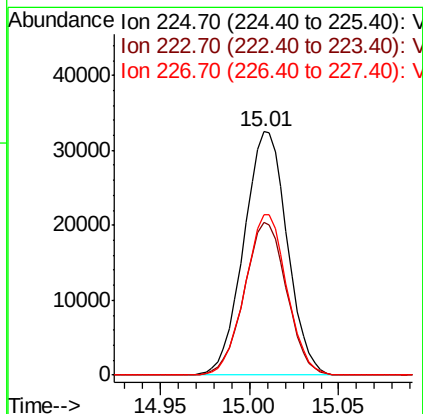
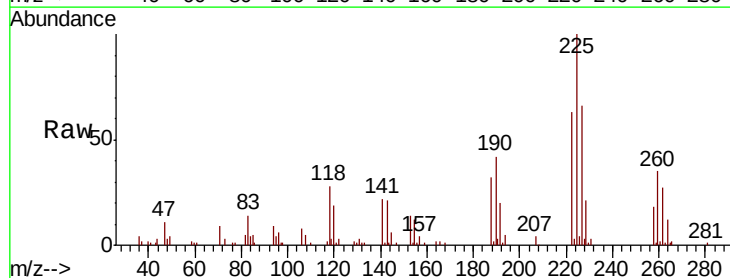
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD01

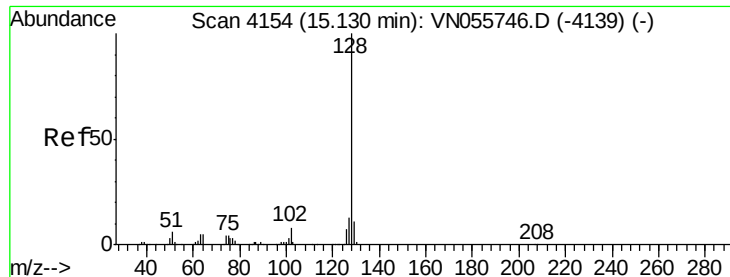
Tot Ion:180 Resp: 64318
 Ion Ratio Lower Upper
 180 100
 182 97.4 48.3 144.9
 145 27.2 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 21.788 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055764.D
 Acq: 23 May 2019 19:42

Tgt Ion:225 Resp: 55069
 Ion Ratio Lower Upper
 225 100
 223 61.3 30.9 92.7
 227 63.8 31.6 94.7





#95

Naphthalene

Concen: 18.698 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055764.D

Acq: 23 May 2019 19:42

Instrument :

MSVOA_N

ClientSampled :

VN0523WBSD01

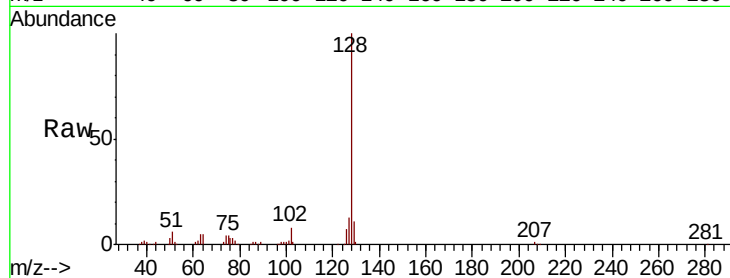
Tot Ion:128 Resp: 175942

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

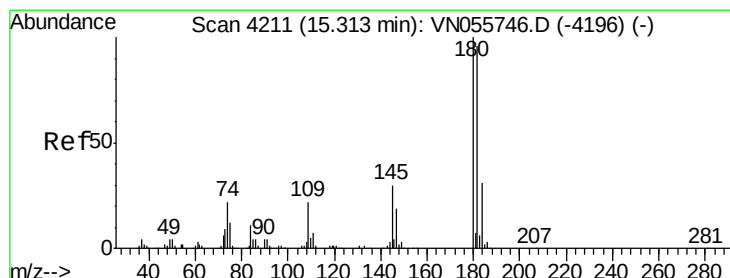
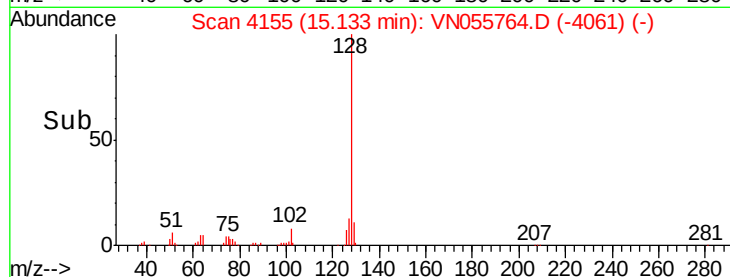
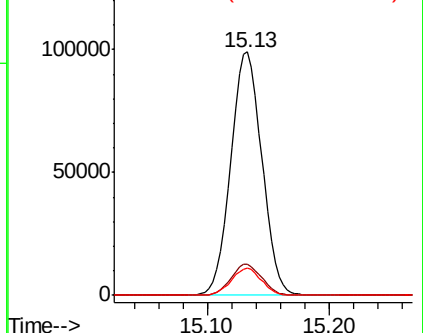
129 10.7 8.7 13.1



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: 19.334 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055764.D

Acq: 23 May 2019 19:42

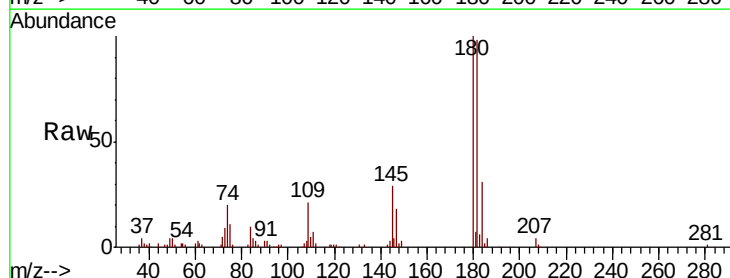
Tgt Ion:180 Resp: 70084

Ion Ratio Lower Upper

180 100

182 98.2 47.9 143.7

145 29.5 14.9 44.7



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

