

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050219\
 Data File : VN055344.D
 Acq On : 2 May 2019 12:28
 Operator : JC/SP
 Sample : VN0502WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBSD01

Quant Time: May 03 01:52:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	340702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	568666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	471185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	178509	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	236344	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
35) Dibromofluoromethane	7.59	113	184446	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	10.09	98	650186	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
62) 4-Bromofluorobenzene	12.40	95	210467	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	85260	20.425	ug/l	96
3) Chloromethane	2.06	50	93858	18.158	ug/l	100
4) Vinyl Chloride	2.19	62	82203	19.729	ug/l	100
5) Bromomethane	2.57	94	44460	20.145	ug/l	94
6) Chloroethane	2.71	64	45933	20.350	ug/l	99
7) Trichlorofluoromethane	3.02	101	122367	20.654	ug/l	97
8) Diethyl Ether	3.41	74	42265	20.390	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	70672	20.031	ug/l	98
10) Methyl Iodide	3.96	142	94978	19.129	ug/l	99
11) Tert butyl alcohol	4.79	59	27843	109.109	ug/l #	94
12) 1,1-Dichloroethene	3.74	96	67141	19.949	ug/l	98
13) Acrolein	3.62	56	15057	75.553	ug/l	97
14) Allyl chloride	4.33	41	138086	19.810	ug/l	99
15) Acrylonitrile	4.99	53	150690	105.057	ug/l	98
16) Acetone	3.82	43	131390	94.607	ug/l	98
17) Carbon Disulfide	4.06	76	160249	18.245	ug/l	100
18) Methyl Acetate	4.33	43	77796	22.424	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	200980	21.242	ug/l	98
20) Methylene Chloride	4.56	84	81595	19.248	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	70762	19.853	ug/l	97
22) Diisopropyl ether	5.95	45	293125	21.165	ug/l	94
23) Vinyl Acetate	5.90	43	962440	106.031	ug/l	100
24) 1,1-Dichloroethane	5.85	63	150777	20.433	ug/l	99
25) 2-Butanone	6.84	43	182089	102.523	ug/l	100
26) 2,2-Dichloropropane	6.83	77	96290	18.897	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	83401	20.576	ug/l	99
28) Bromochloromethane	7.20	49	78293	21.049	ug/l	99
29) Tetrahydrofuran	7.22	42	124273	109.272	ug/l	99
30) Chloroform	7.37	83	144367	20.638	ug/l	99
31) Cyclohexane	7.65	56	136671	19.494	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	115061	20.267	ug/l	99
36) 1,1-Dichloropropene	7.80	75	97846	17.963	ug/l	99
37) Ethyl Acetate	6.93	43	71810	17.202	ug/l	99
38) Carbon Tetrachloride	7.78	117	98261	18.701	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050219\
 Data File : VN055344.D
 Acq On : 2 May 2019 12:28
 Operator : JC/SP
 Sample : VN0502WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBSD01

Quant Time: May 03 01:52:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	105806	18.270	ug/l	97
40) Benzene	8.04	78	308878	19.236	ug/l	99
41) Methacrylonitrile	7.17	41	42592	19.312	ug/l	94
42) 1,2-Dichloroethane	8.12	62	113113	19.889	ug/l	99
43) Isopropyl Acetate	8.17	43	145496	21.687	ug/l #	85
44) Trichloroethene	8.84	130	76292	18.638	ug/l	92
45) 1,2-Dichloropropane	9.12	63	90577	19.558	ug/l	99
46) Dibromomethane	9.21	93	49431	19.527	ug/l	98
47) Bromodichloromethane	9.40	83	107887	19.866	ug/l	99
48) Methyl methacrylate	9.20	41	65819	19.957	ug/l	99
49) 1,4-Dioxane	9.20	88	13766	403.772	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	383611	101.560	ug/l	99
52) Toluene	10.16	92	178249	19.347	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	91255	19.357	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	114789	19.529	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	71332	20.850	ug/l	97
56) Ethyl methacrylate	10.43	69	84898	20.161	ug/l	98
57) 1,3-Dichloropropane	10.71	76	121195	20.193	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	104724	88.562	ug/l	99
59) 2-Hexanone	10.75	43	240184	101.629	ug/l	98
60) Dibromochloromethane	10.90	129	69854	19.978	ug/l	100
61) 1,2-Dibromoethane	11.01	107	61541	19.461	ug/l	98
64) Tetrachloroethene	10.63	164	78004	20.244	ug/l	97
65) Chlorobenzene	11.43	112	178845	19.414	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	69602	19.295	ug/l	98
67) Ethyl Benzene	11.51	91	332159	19.967	ug/l	100
68) m/p-Xylenes	11.62	106	241216	40.623	ug/l	97
69) o-Xylene	11.95	106	121371	20.622	ug/l	97
70) Styrene	11.96	104	189232	20.941	ug/l	99
71) Bromoform	12.13	173	41058	20.512	ug/l #	99
73) Isopropylbenzene	12.25	105	312606	20.119	ug/l	98
74) N-amyl acetate	12.07	43	88785	19.380	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	78232	20.225	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	97328	28.237	ug/l #	100
77) Bromobenzene	12.53	156	74610	20.613	ug/l	99
78) n-propylbenzene	12.59	91	339183	18.498	ug/l	100
79) 2-Chlorotoluene	12.67	91	214941	20.655	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	262912	18.787	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	18082	19.196	ug/l	92
82) 4-Chlorotoluene	12.77	91	199375	18.700	ug/l	100
83) tert-Butylbenzene	12.99	119	215715	20.033	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	244448	19.531	ug/l	100
85) sec-Butylbenzene	13.17	105	279551	18.379	ug/l	99
86) p-Isopropyltoluene	13.29	119	235476	18.835	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	117253	19.629	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	109356	19.440	ug/l	99
89) n-Butylbenzene	13.61	91	164031	18.464	ug/l	97
90) Hexachloroethane	13.87	117	39894	19.182	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	117739	19.887	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11060	23.551	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050219\
Data File : VN055344.D
Acq On : 2 May 2019 12:28
Operator : JC/SP
Sample : VN0502WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01

Quant Time: May 03 01:52:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

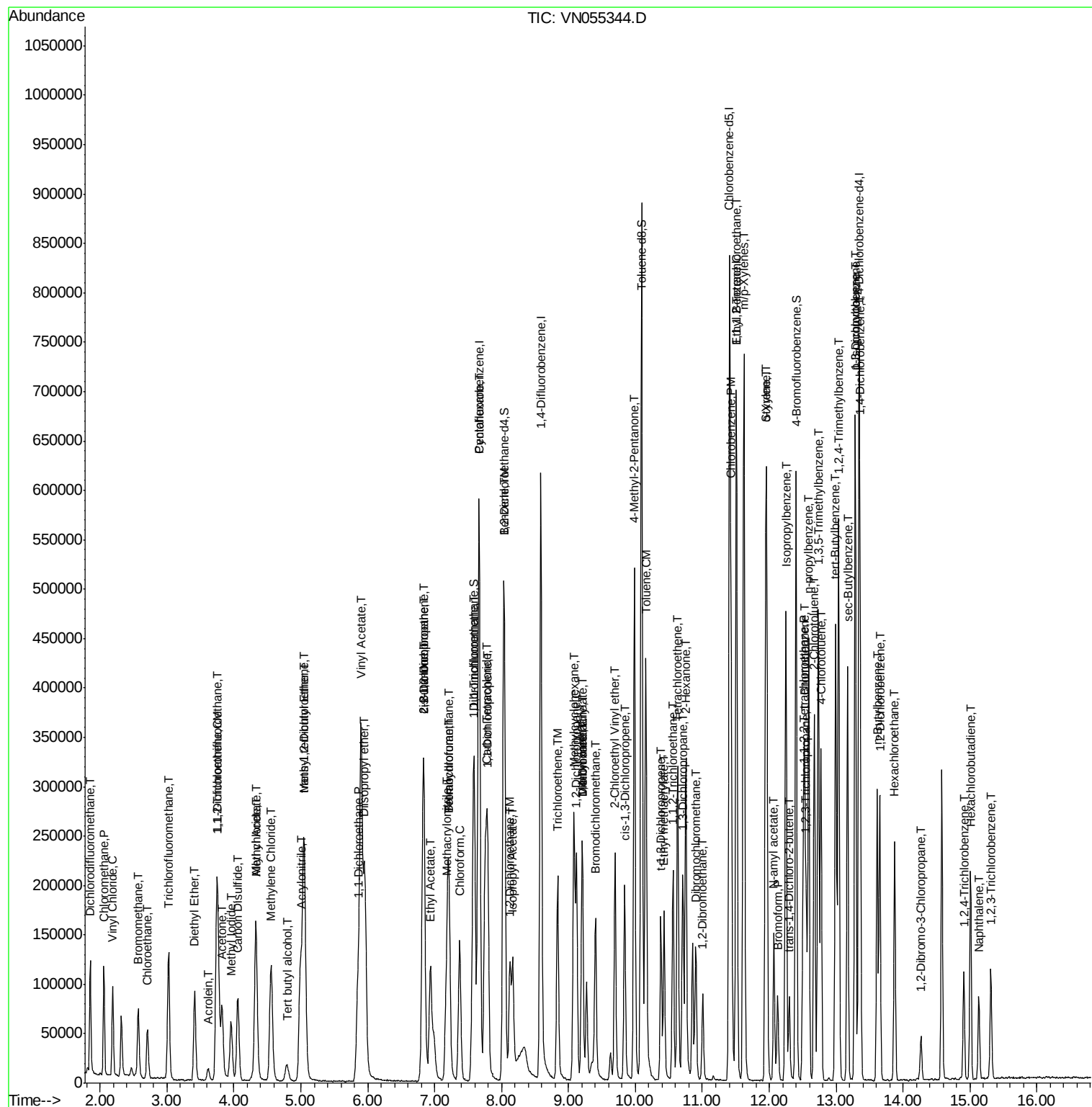
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	33876	16.864	ug/l	98
94) Hexachlorobutadiene	15.01	225	41753	21.862	ug/l	97
95) Naphthalene	15.13	128	69866	16.472	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	38567	18.515	ug/l	98

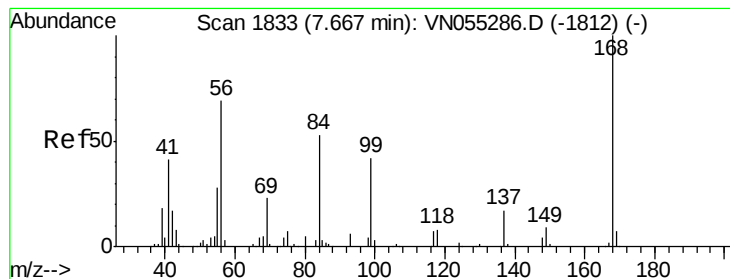
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050219\
Data File : VN055344.D
Acq On : 2 May 2019 12:28
Operator : JC/SP
Sample : VN0502WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01

Quant Time: May 03 01:52:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

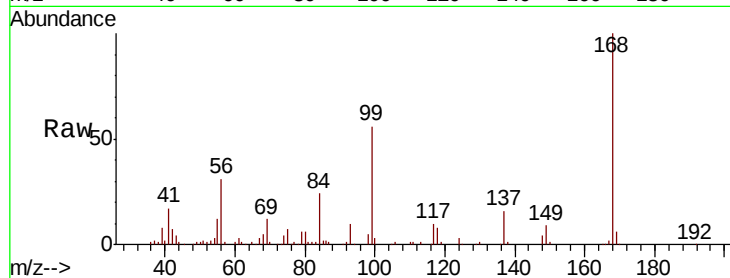
VN0502WBSD01

Tot Ion:168 Resp: 340702

Ion Ratio Lower Upper

168 100

99 55.1 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

150000

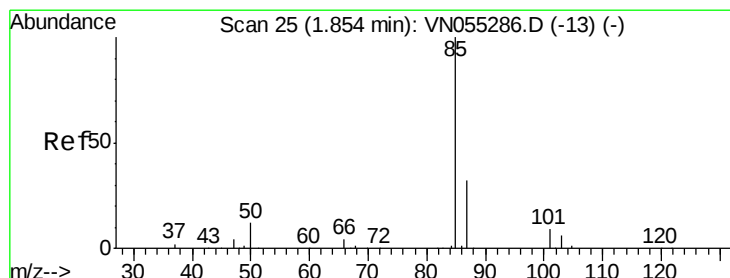
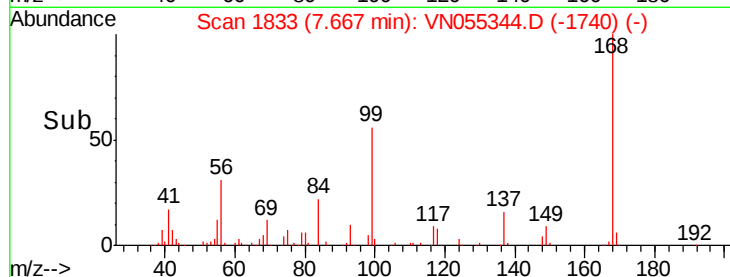
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.425 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN055344.D

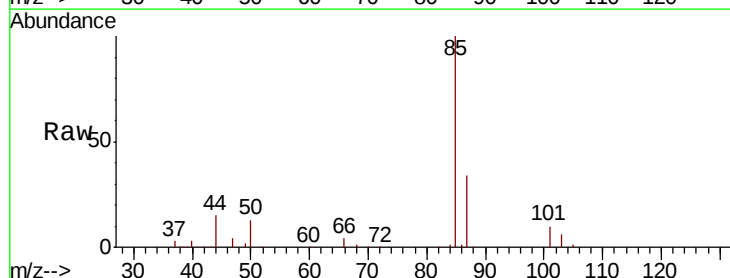
Acq: 2 May 2019 12:28

Tgt Ion: 85 Resp: 85260

Ion Ratio Lower Upper

85 100

87 34.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

60000

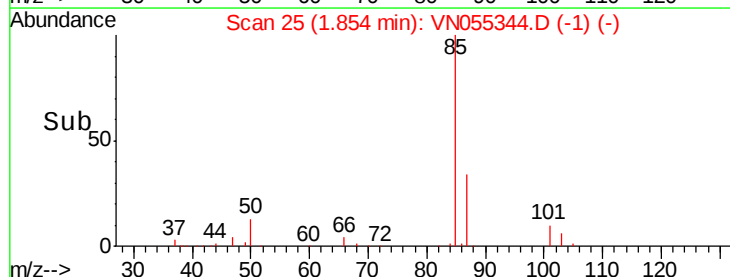
40000

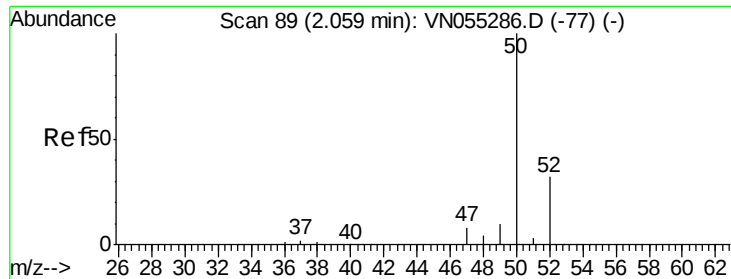
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 18.158 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

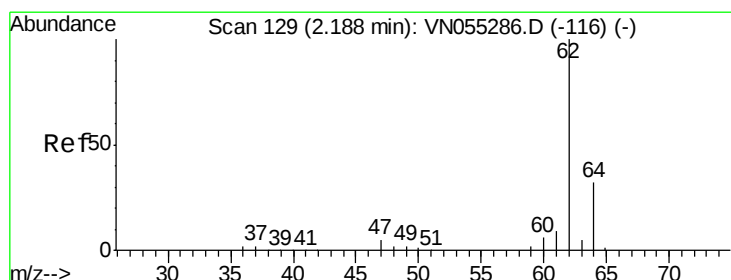
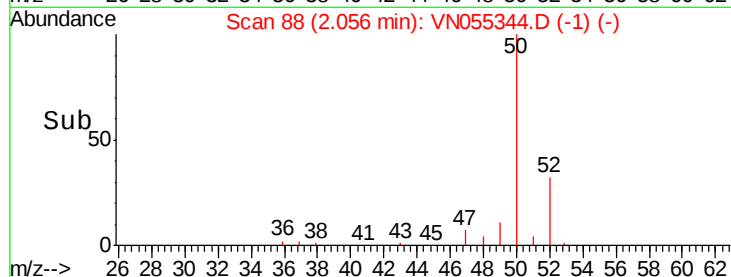
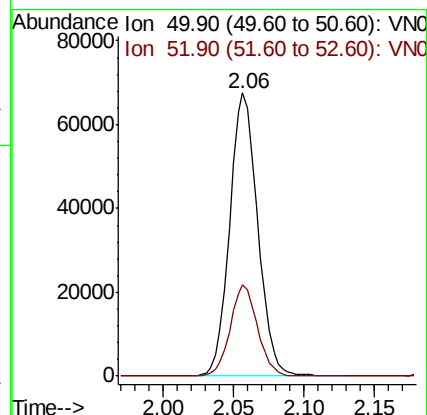
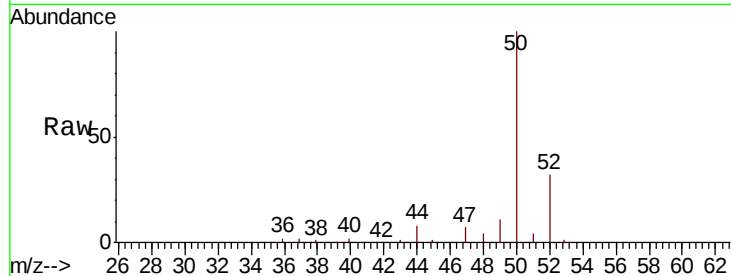
VN0502WBSD01

Tot Ion: 50 Resp: 93858

Ion Ratio Lower Upper

50 100

52 32.1 25.7 38.5



#4

Vinyl Chloride

Concen: 19.729 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055344.D

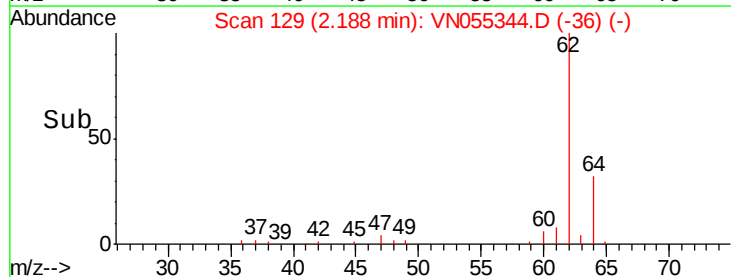
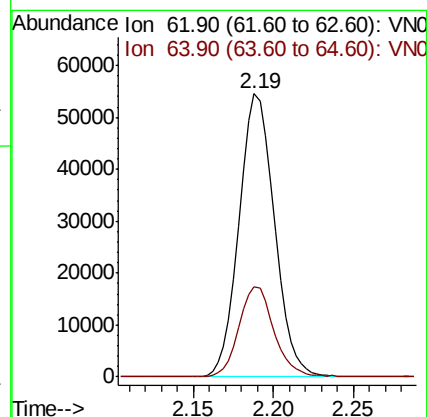
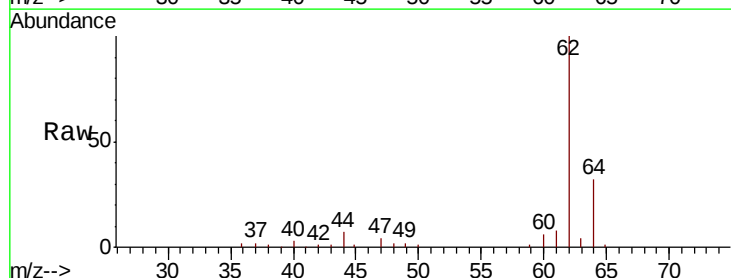
Acq: 2 May 2019 12:28

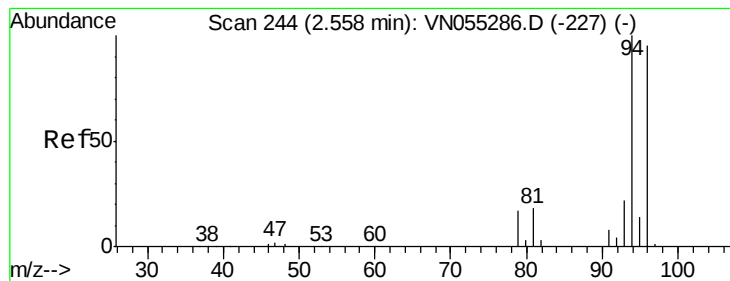
Tgt Ion: 62 Resp: 82203

Ion Ratio Lower Upper

62 100

64 31.9 25.5 38.3





#5

Bromomethane

Concen: 20.145 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

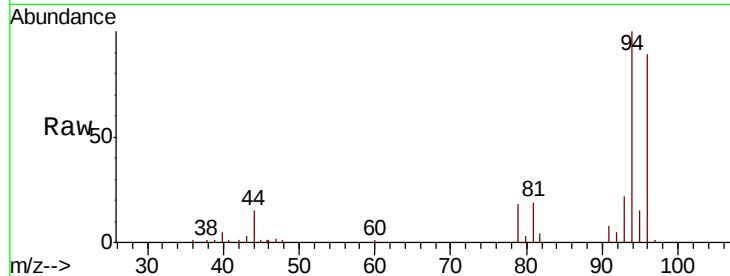
VN0502WBSD01

Tot Ion: 94 Resp: 44460

Ion Ratio Lower Upper

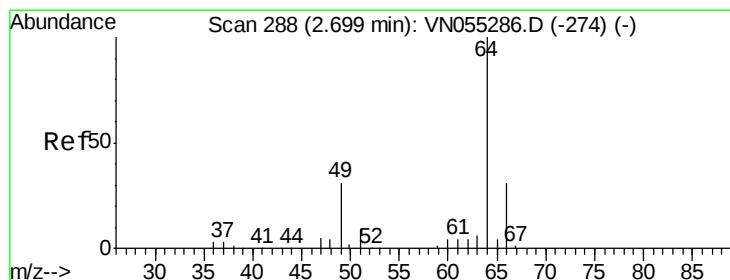
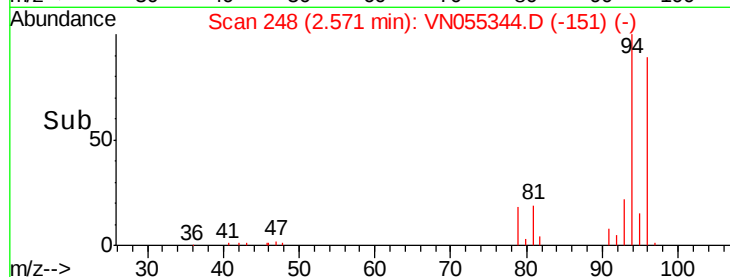
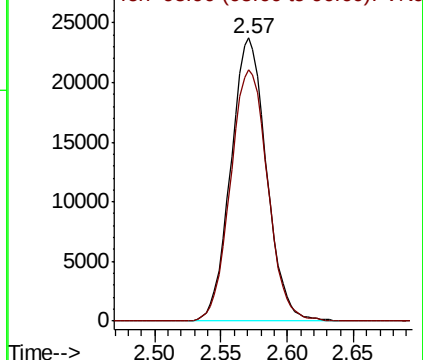
94 100

96 88.9 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.350 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN055344.D

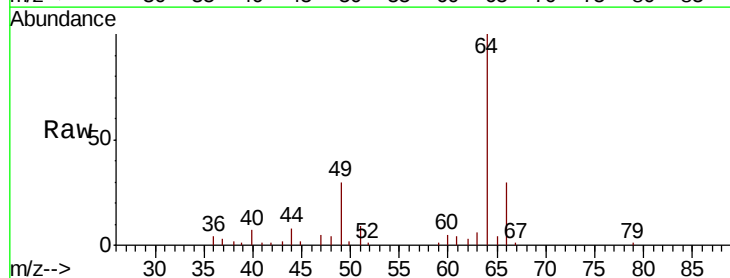
Acq: 2 May 2019 12:28

Tgt Ion: 64 Resp: 45933

Ion Ratio Lower Upper

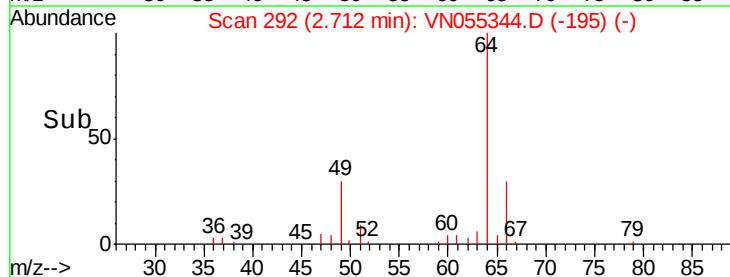
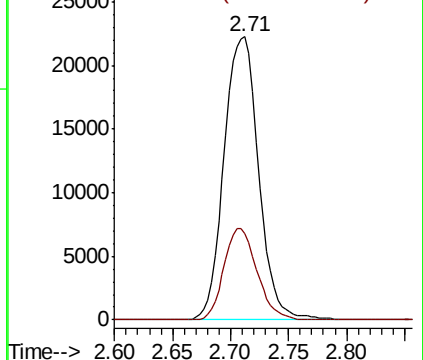
64 100

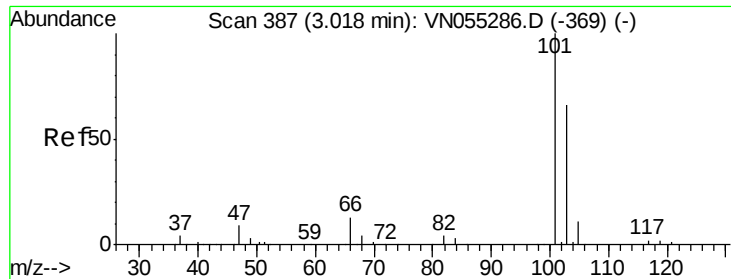
66 30.5 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



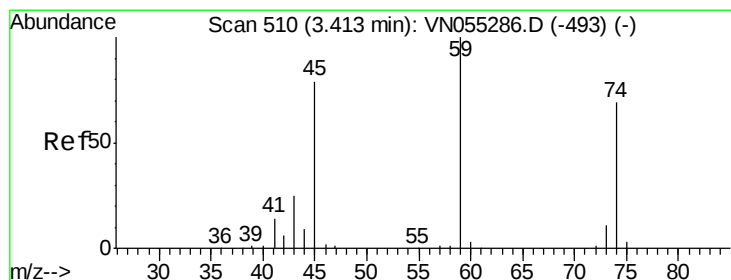
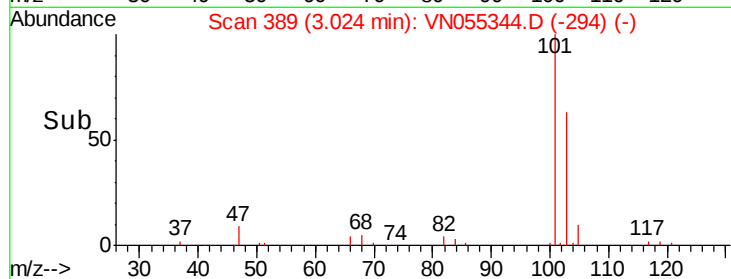
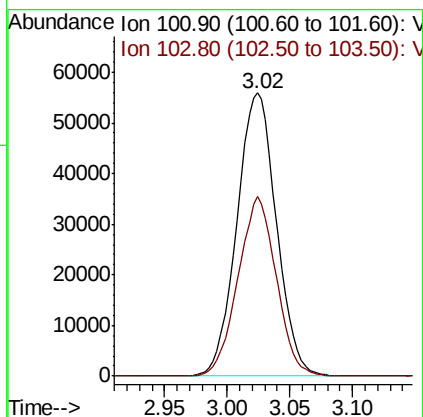
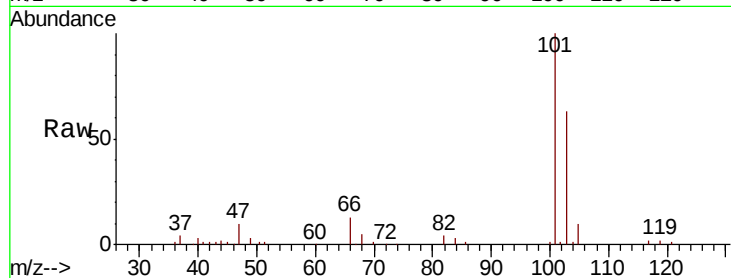


#7

Trichlorofluoromethane
 Concen: 20.654 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.01 min
 Lab File: VN055344.D
 Acq: 2 May 2019 12:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBSD01

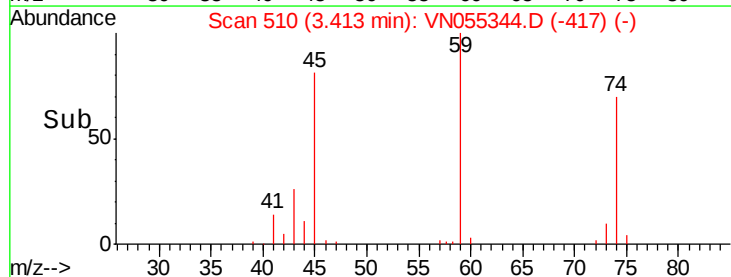
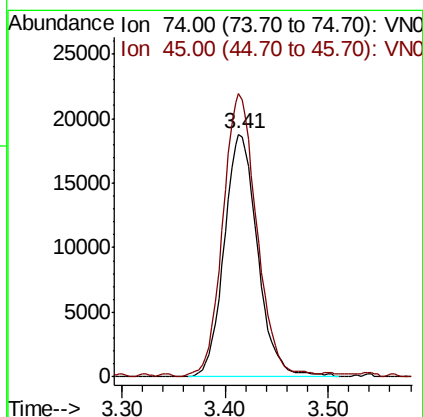
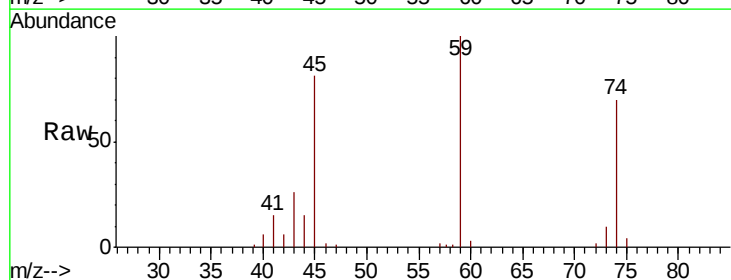
Tot Ion:101 Resp: 122367
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.6 79.0

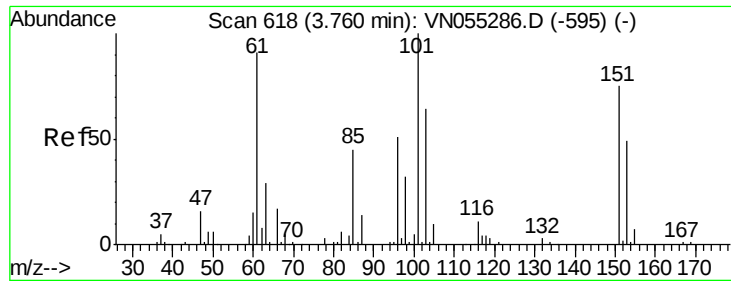


#8

Diethyl Ether
 Concen: 20.390 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN055344.D
 Acq: 2 May 2019 12:28

Tgt Ion: 74 Resp: 42265
 Ion Ratio Lower Upper
 74 100
 45 119.4 58.9 176.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.031 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBSD01

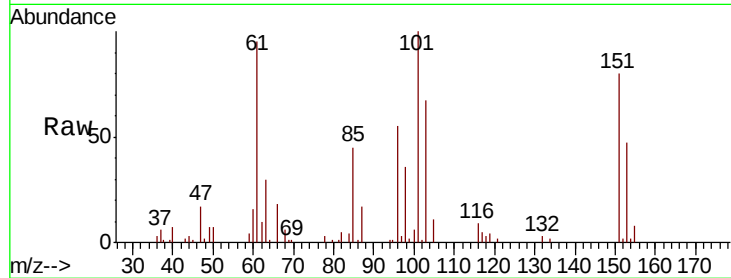
Tot Ion:101 Resp: 70672

Ion Ratio Lower Upper

101 100

85 46.5 35.7 53.5

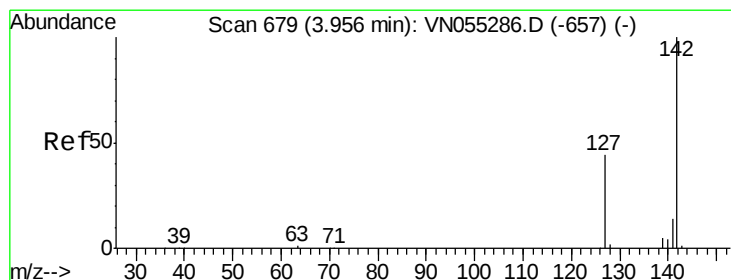
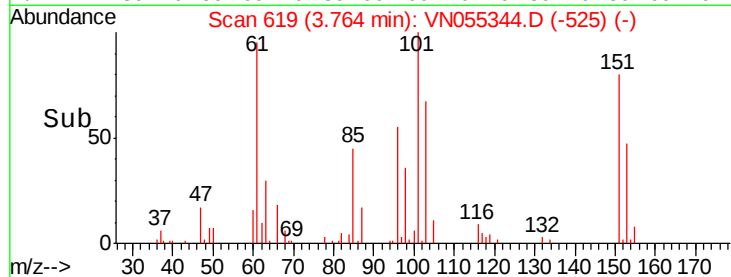
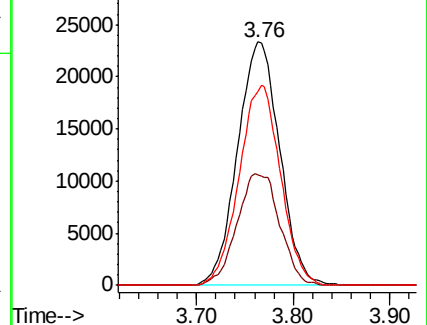
151 80.7 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.129 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

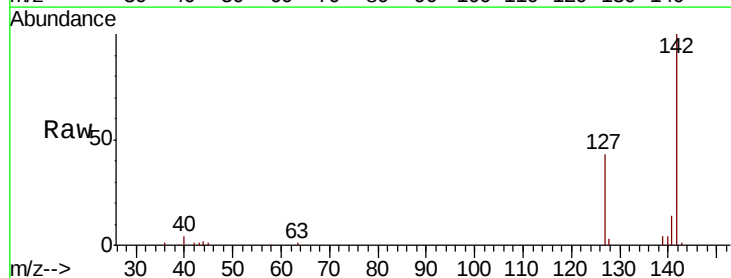
Tgt Ion:142 Resp: 94978

Ion Ratio Lower Upper

142 100

127 44.2 34.4 51.6

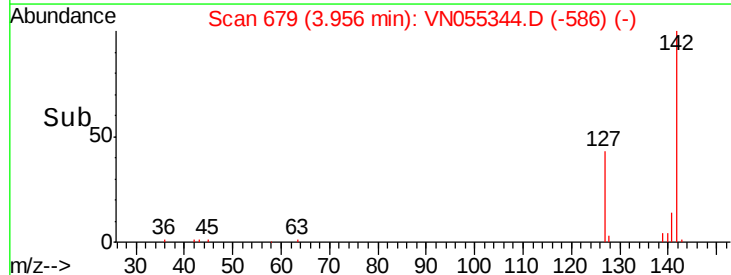
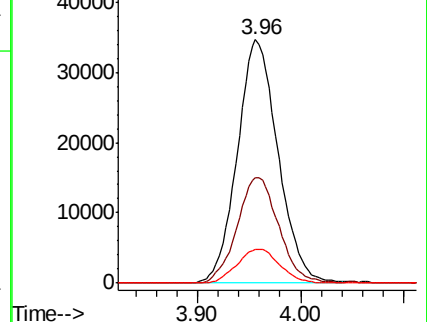
141 14.5 11.5 17.3

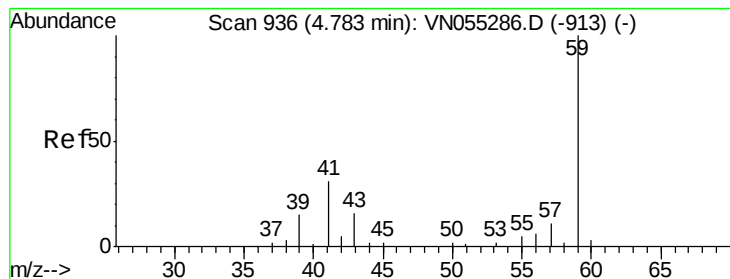


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



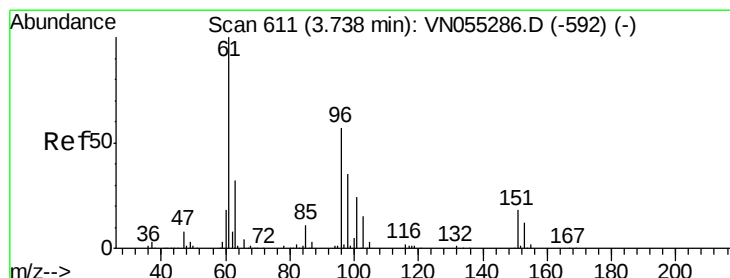
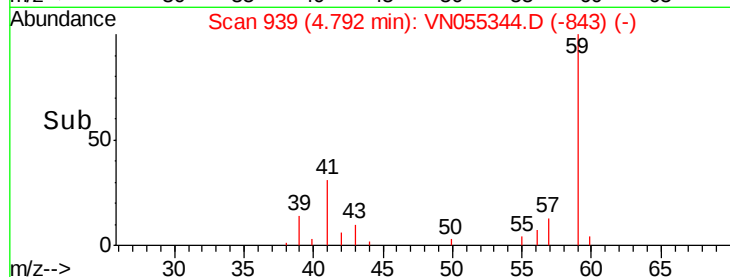
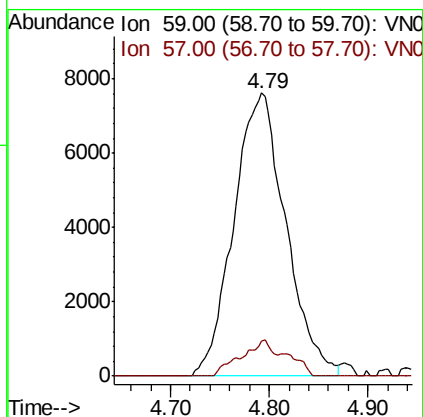
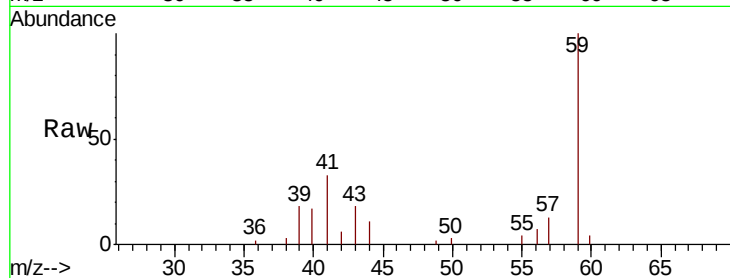


#11

Tert butyl alcohol
 Concen: 109.109 ug/l
 RT: 4.79 min Scan# 939
 Delta R.T. 0.01 min
 Lab File: VN055344.D
 Acq: 2 May 2019 12:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBSD01

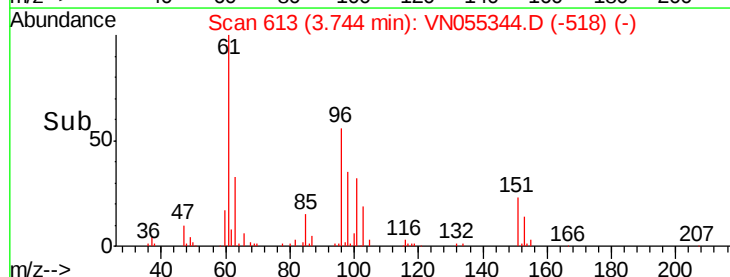
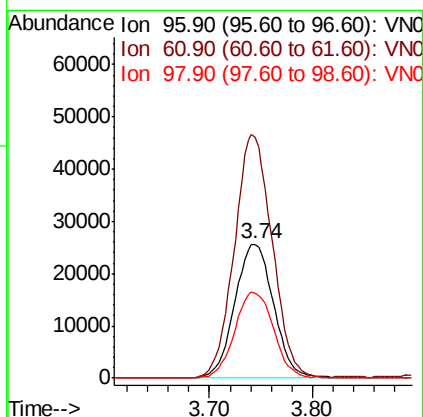
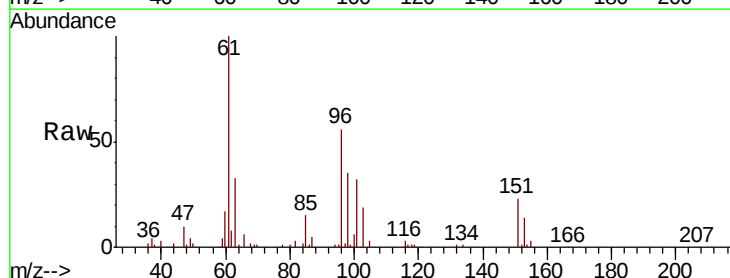
Tot Ion: 59 Resp: 27843
 Ion Ratio Lower Upper
 59 100
 57 7.9 8.2 12.2#

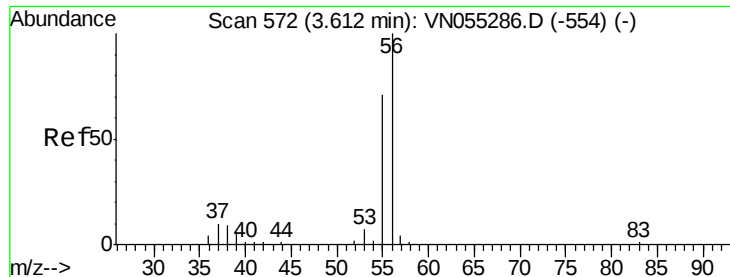


#12

1,1-Dichloroethene
 Concen: 19.949 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: VN055344.D
 Acq: 2 May 2019 12:28

Tgt Ion: 96 Resp: 67141
 Ion Ratio Lower Upper
 96 100
 61 179.7 140.9 211.3
 98 63.7 50.0 75.0





#13

Acrolein

Concen: 75.553 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.00 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

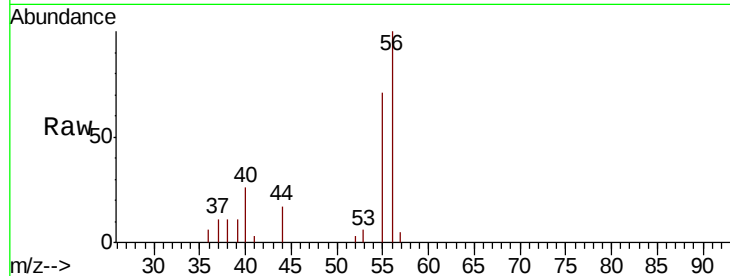
VN0502WBSD01

Tot Ion: 56 Resp: 15057

Ion Ratio Lower Upper

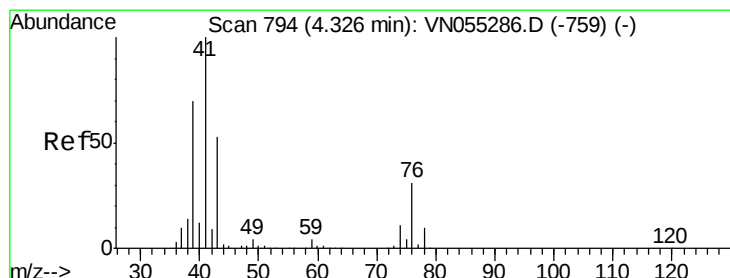
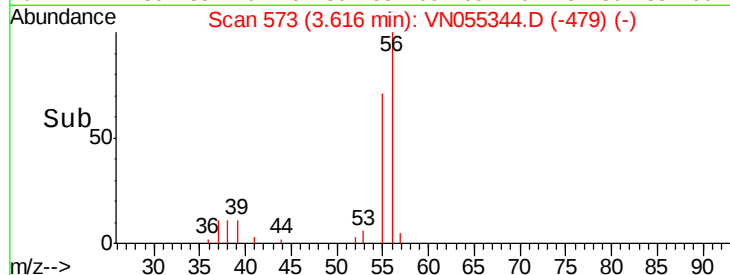
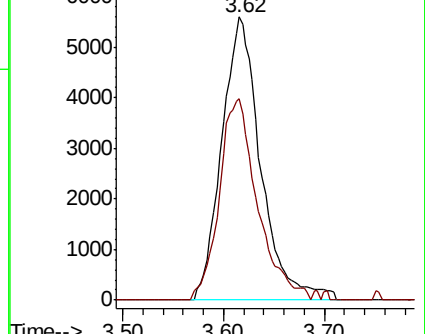
56 100

55 69.6 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.810 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

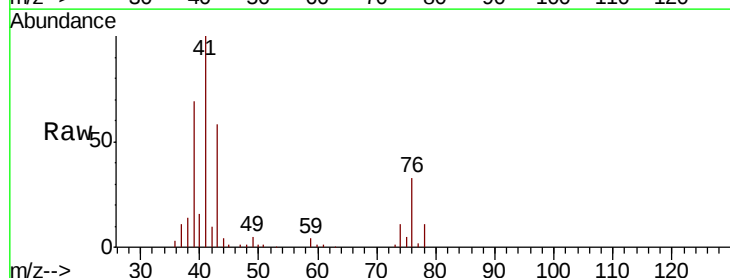
Tgt Ion: 41 Resp: 138086

Ion Ratio Lower Upper

41 100

39 67.7 53.0 79.6

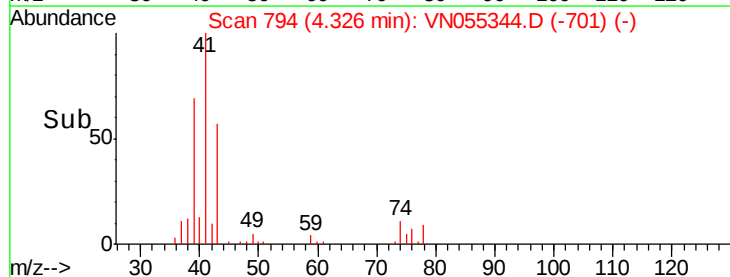
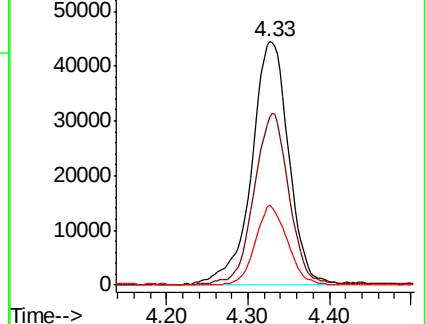
76 28.5 22.7 34.1

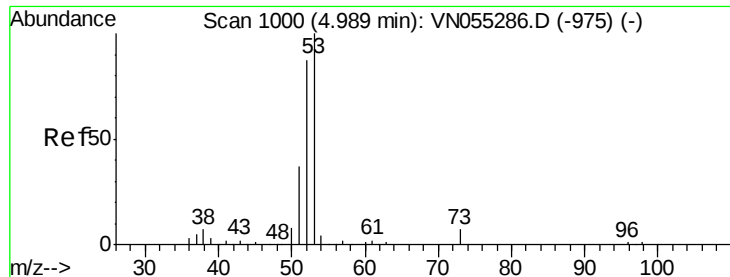


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 105.057 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBSD01

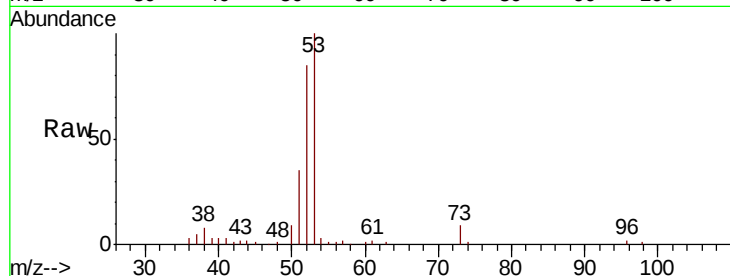
Tot Ion: 53 Resp: 150690

Ion Ratio Lower Upper

53 100

52 81.0 66.5 99.7

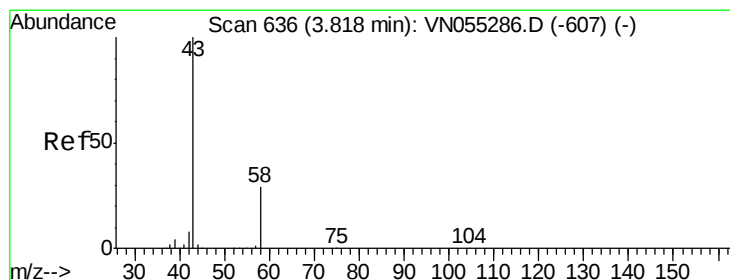
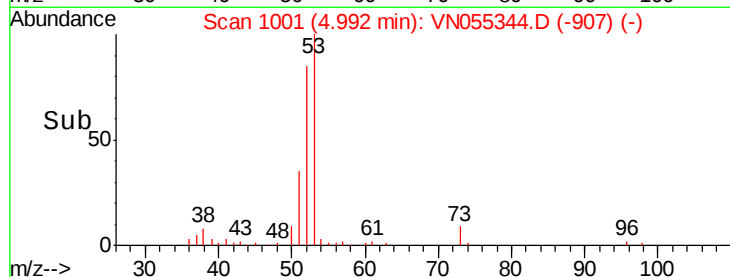
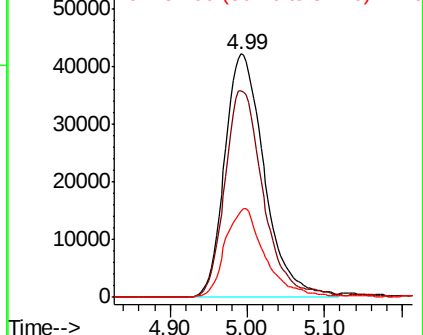
51 36.5 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 94.607 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055344.D

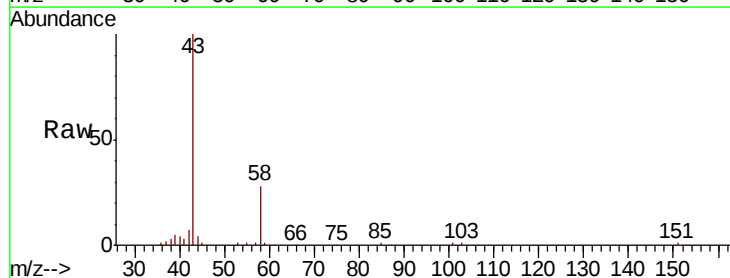
Acq: 2 May 2019 12:28

Tgt Ion: 43 Resp: 131390

Ion Ratio Lower Upper

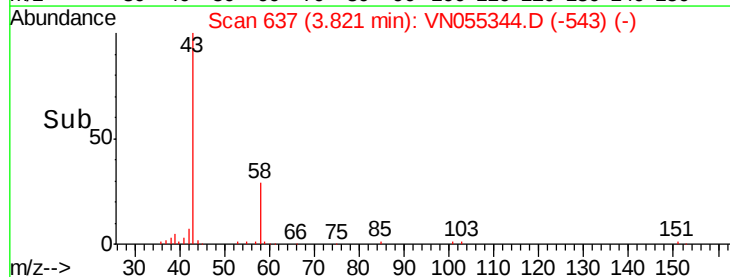
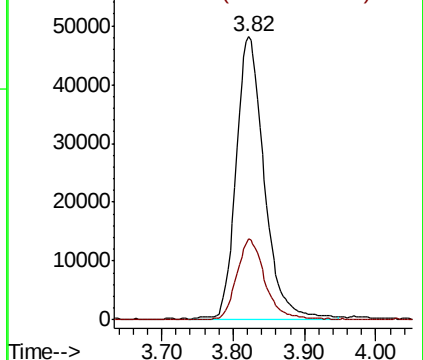
43 100

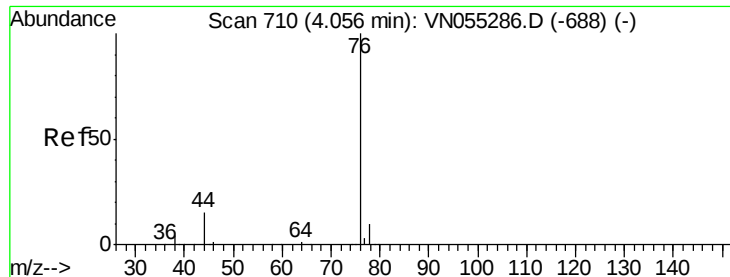
58 28.6 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

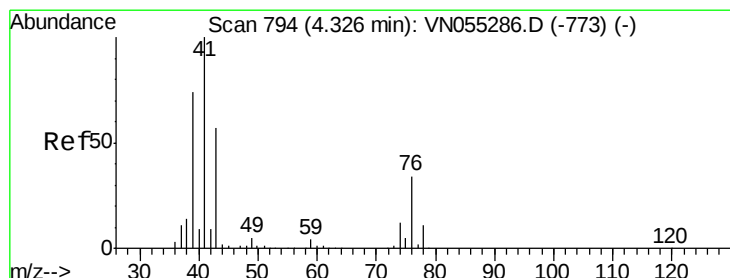
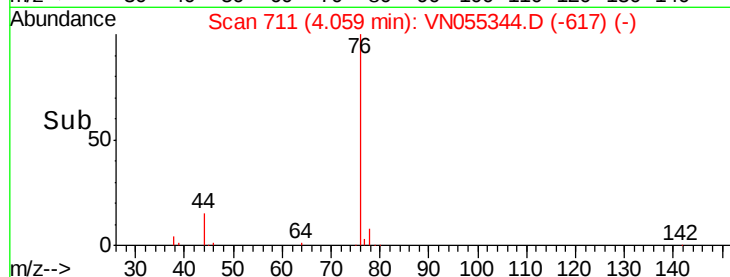
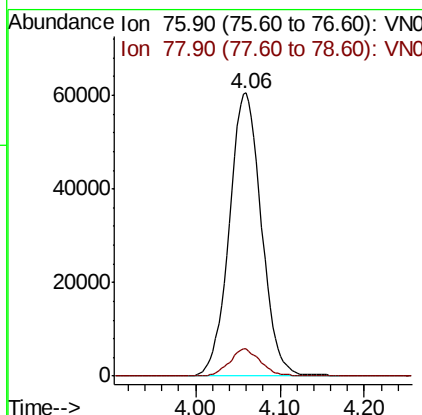
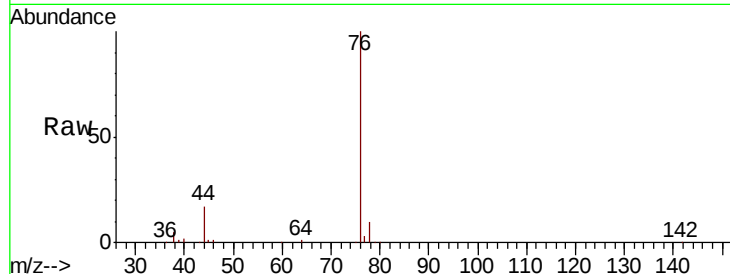




#17
Carbon Disulfide
Concen: 18.245 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

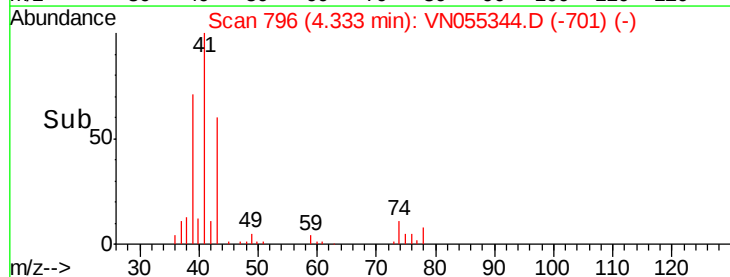
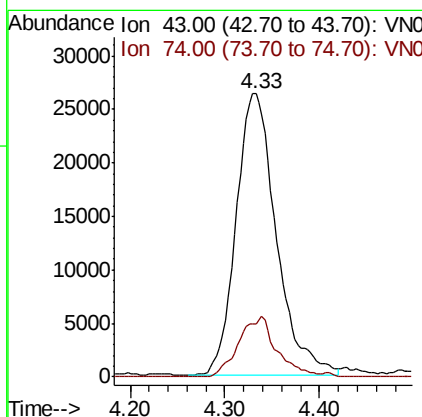
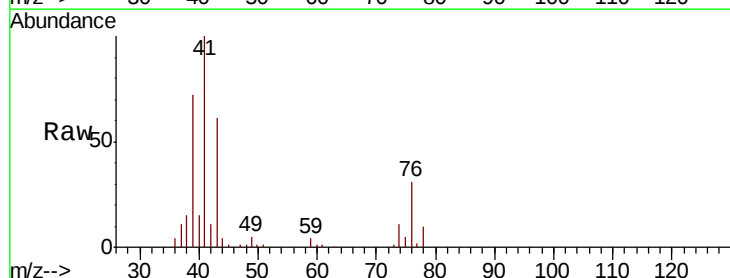
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01

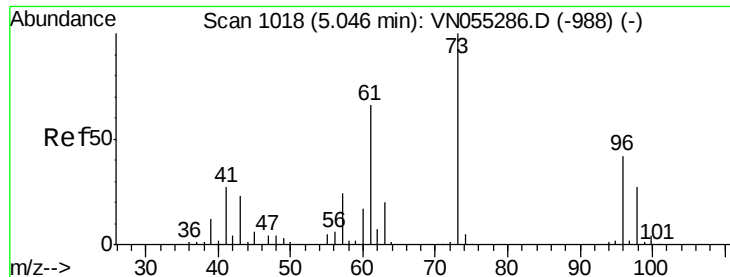
Tot Ion: 76 Resp: 160249
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4



#18
Methyl Acetate
Concen: 22.424 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

Tgt Ion: 43 Resp: 77796
Ion Ratio Lower Upper
43 100
74 20.3 15.8 23.8



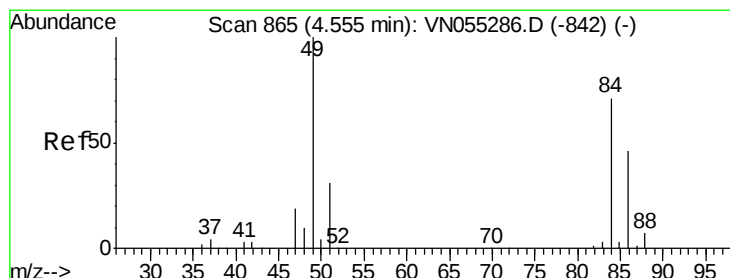
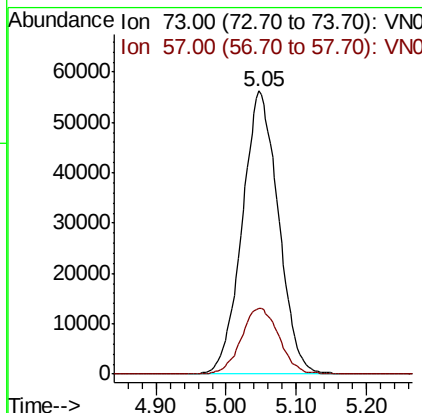
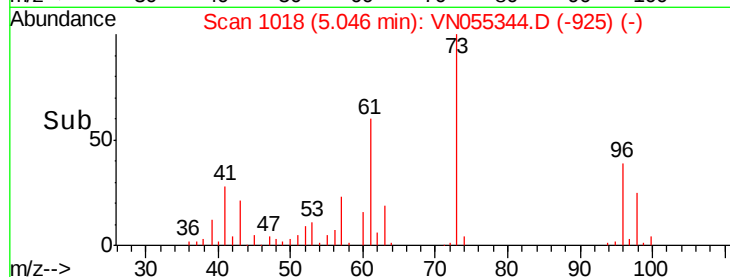
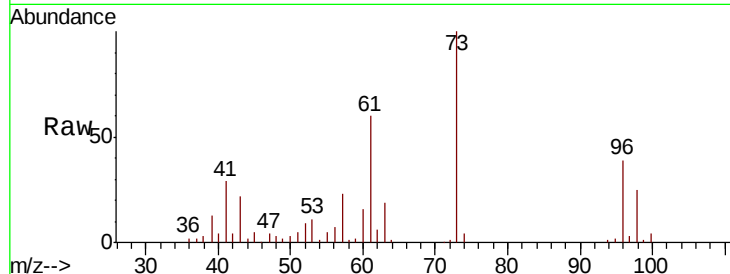


#19

Methyl tert-butyl Ether
 Concen: 21.242 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN055344.D
 Acq: 2 May 2019 12:28

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0502WBSD01

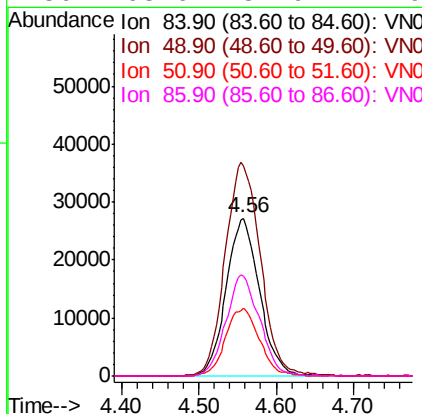
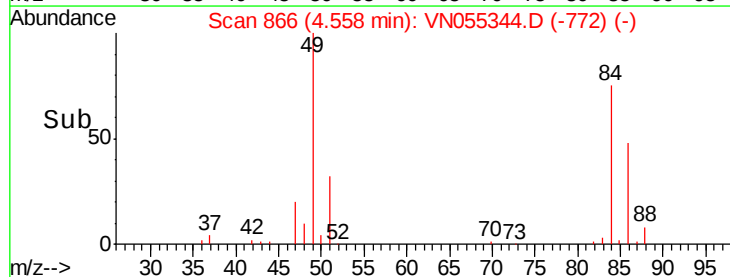
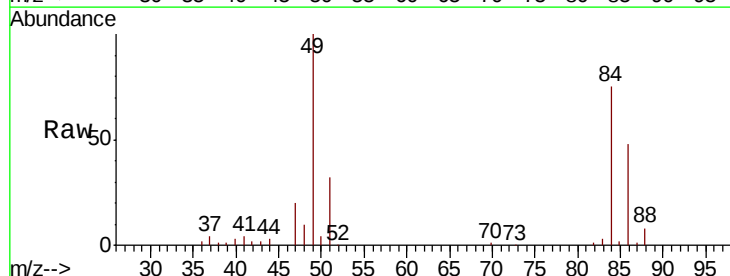
Tot Ion: 73 Resp: 200980
 Ion Ratio Lower Upper
 73 100
 57 23.0 19.1 28.7

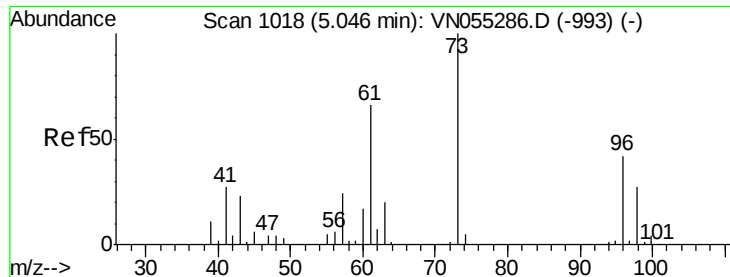


#20

Methylene Chloride
 Concen: 19.248 ug/l
 RT: 4.56 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: VN055344.D
 Acq: 2 May 2019 12:28

Tgt Ion: 84 Resp: 81595
 Ion Ratio Lower Upper
 84 100
 49 133.7 112.4 168.6
 51 42.7 34.6 51.8
 86 63.6 51.9 77.9

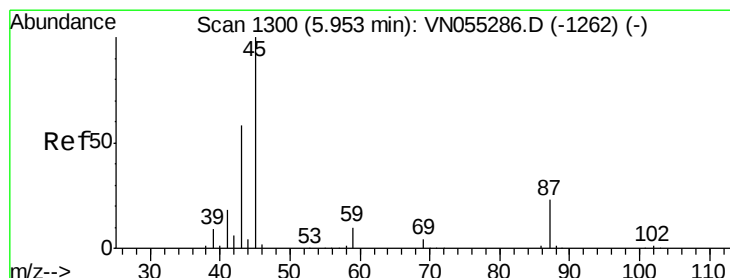
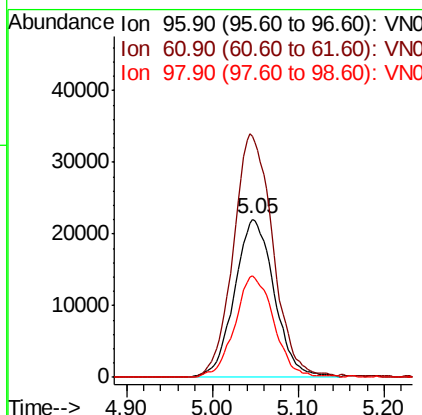
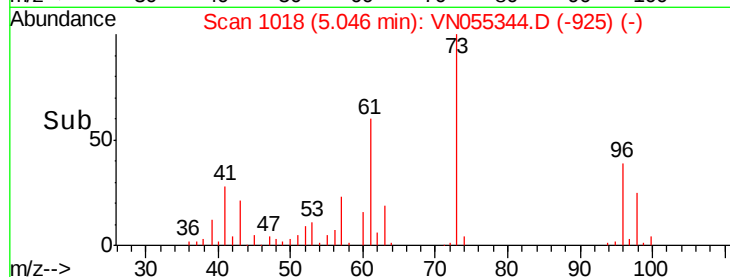
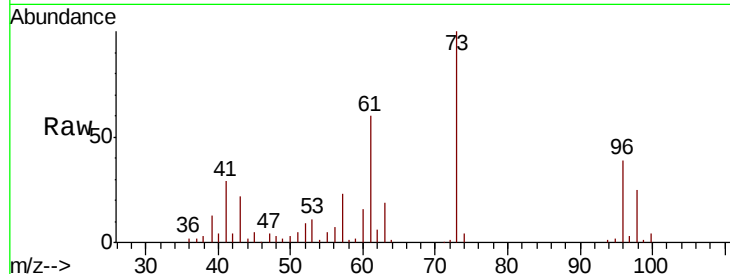




#21
trans-1,2-Dichloroethene
Concen: 19.853 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

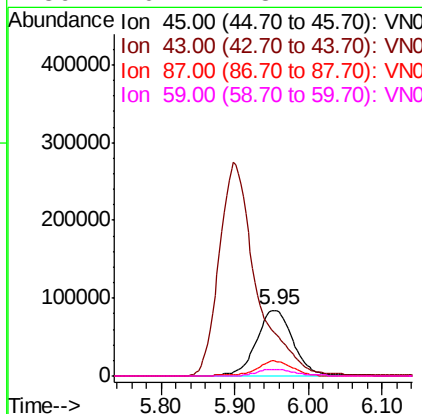
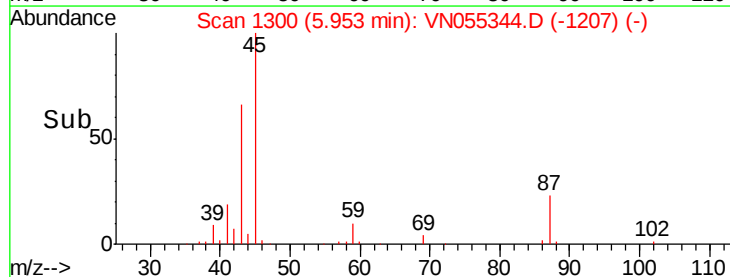
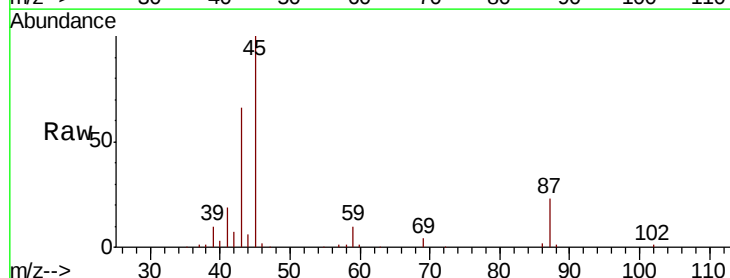
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01

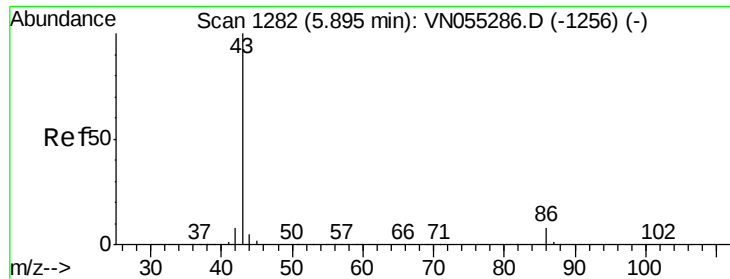
Tot Ion: 96 Resp: 70762
Ion Ratio Lower Upper
96 100
61 152.6 126.2 189.4
98 64.1 52.2 78.2



#22
Diisopropyl ether
Concen: 21.165 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

Tgt Ion: 45 Resp: 293125
Ion Ratio Lower Upper
45 100
43 65.4 46.6 70.0
87 22.1 18.1 27.1
59 10.1 8.2 12.2

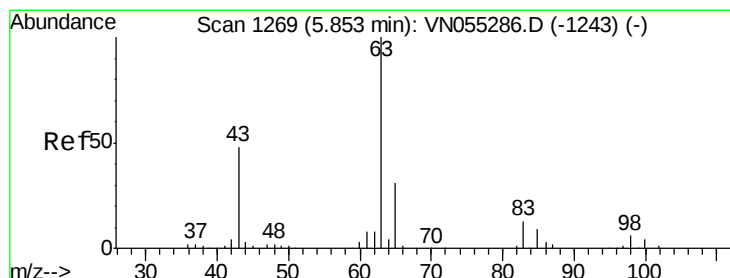
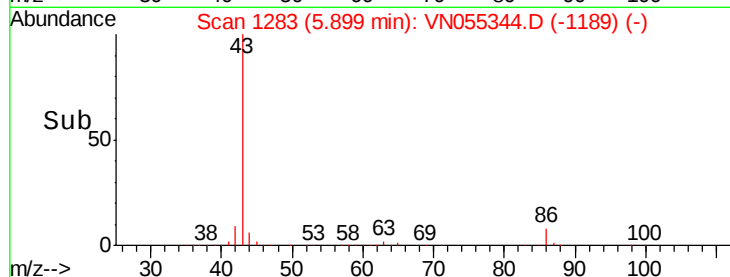
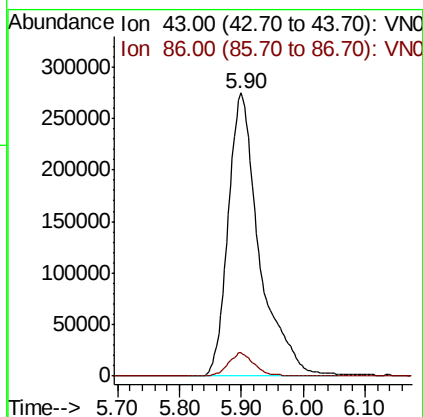
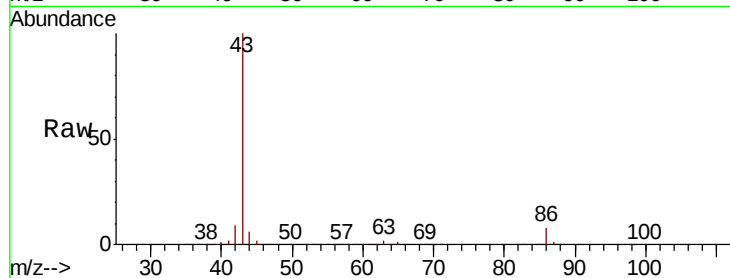




#23
 Vinyl Acetate
 Concen: 106.031 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN055344.D
 Acq: 2 May 2019 12:28

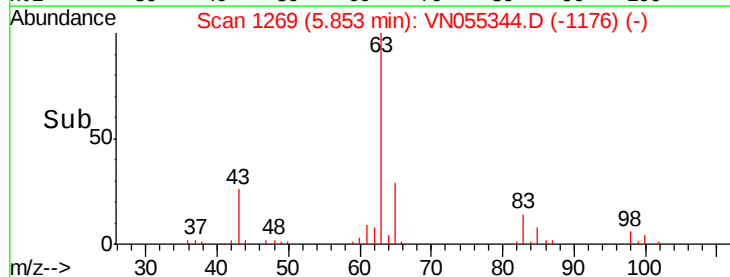
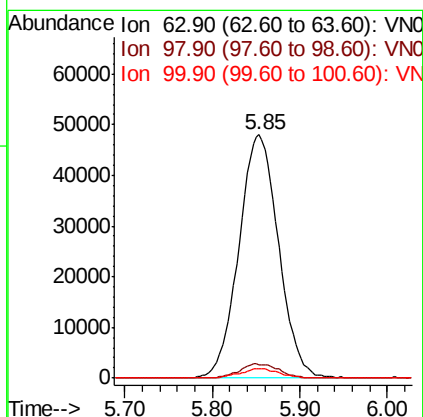
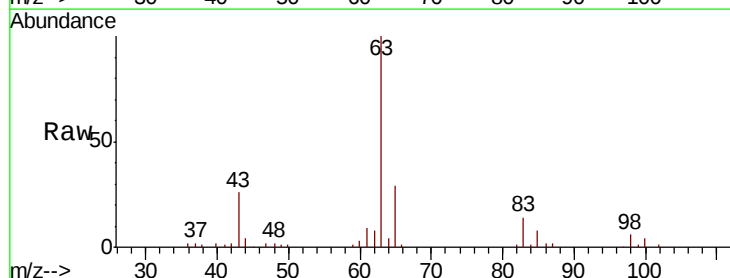
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0502WBSD01

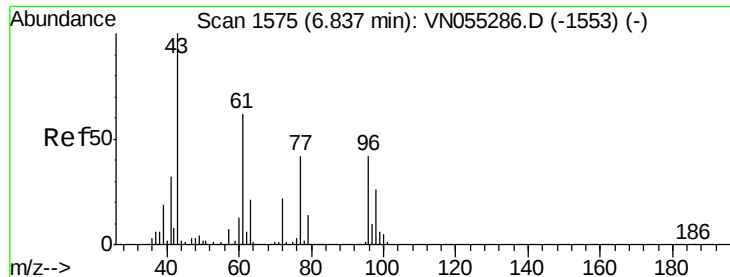
Tot Ion: 43 Resp: 962440
 Ion Ratio Lower Upper
 43 100
 86 8.3 6.6 10.0



#24
 1,1-Dichloroethane
 Concen: 20.433 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN055344.D
 Acq: 2 May 2019 12:28

Tgt Ion: 63 Resp: 150777
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.0 9.0
 100 3.7 1.8 5.4





#25

2-Butanone

Concen: 102.523 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

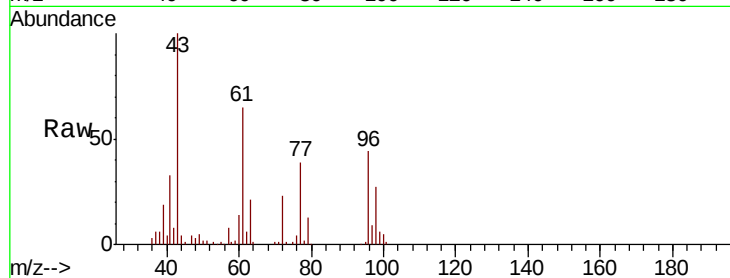
VN0502WBSD01

Tot Ion: 43 Resp: 182089

Ion Ratio Lower Upper

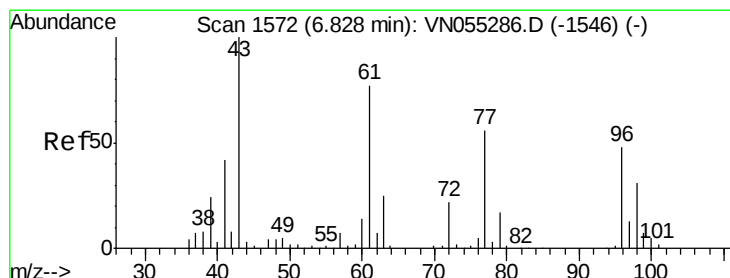
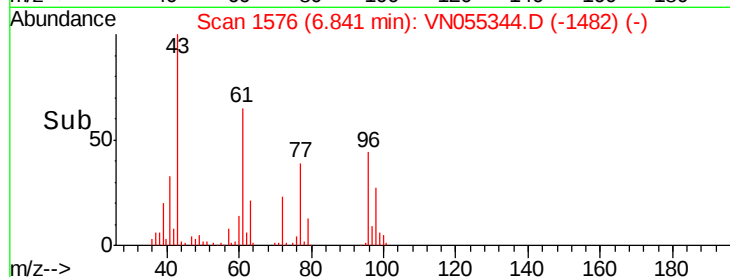
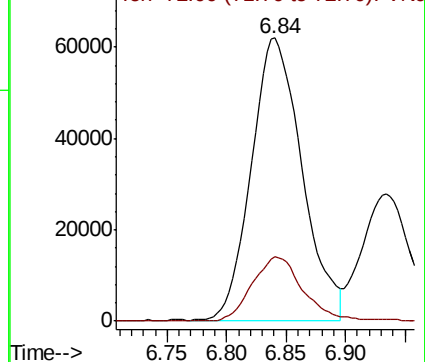
43 100

72 22.7 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 18.897 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055344.D

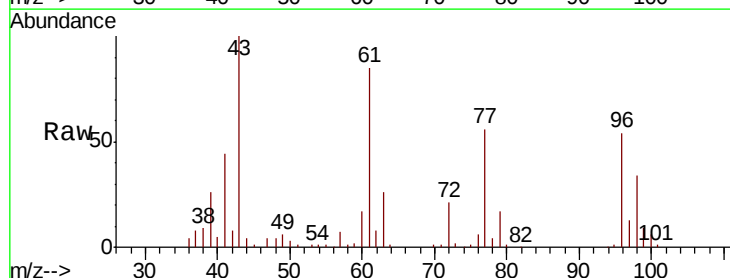
Acq: 2 May 2019 12:28

Tgt Ion: 77 Resp: 96290

Ion Ratio Lower Upper

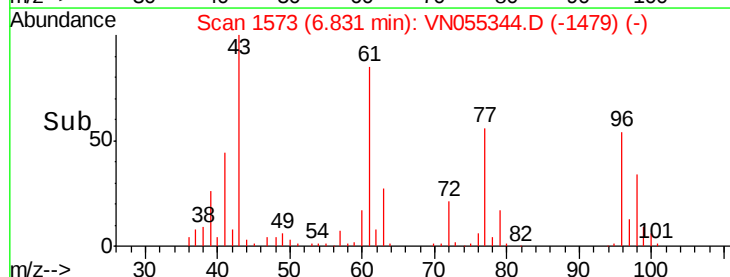
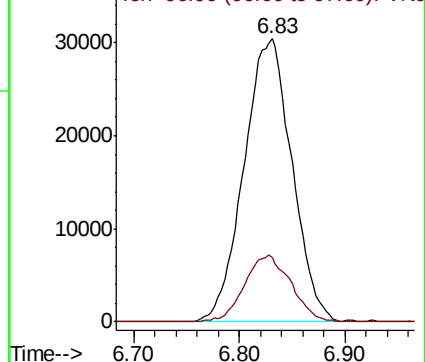
77 100

97 22.8 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 20.576 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

Instrument :

MSVOA_N

ClientSampled :

VN0502WBSD01

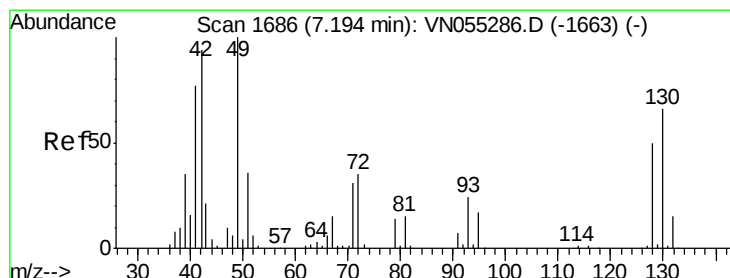
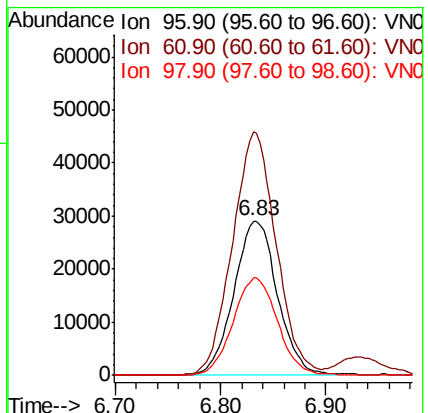
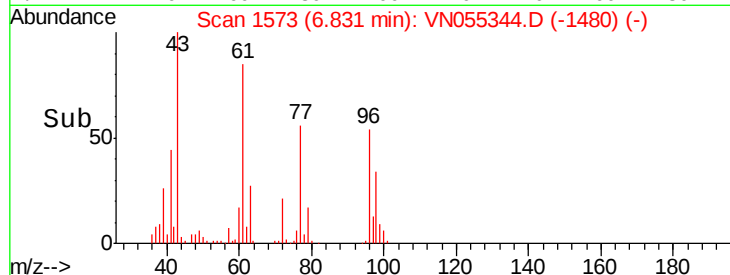
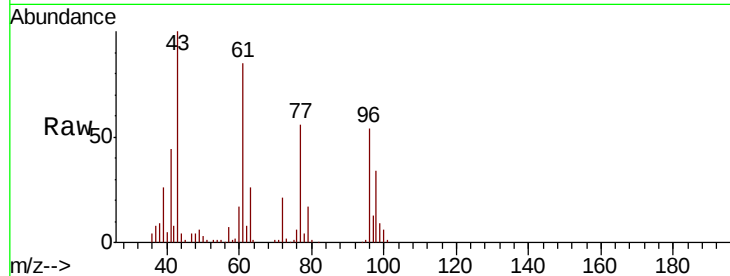
Tot Ion: 96 Resp: 83401

Ion Ratio Lower Upper

96 100

61 158.3 0.0 316.2

98 64.7 0.0 126.6



#28

Bromochloromethane

Concen: 21.049 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

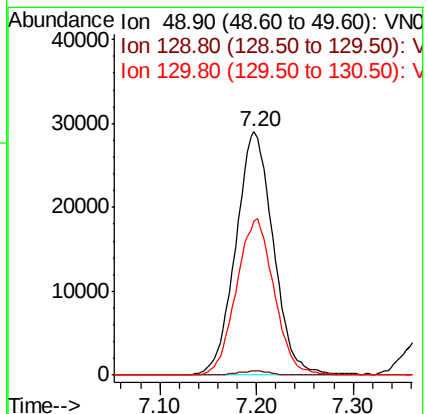
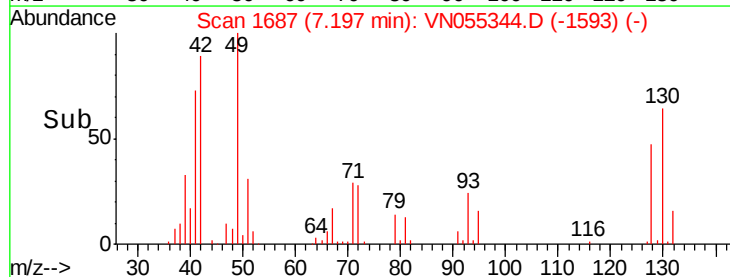
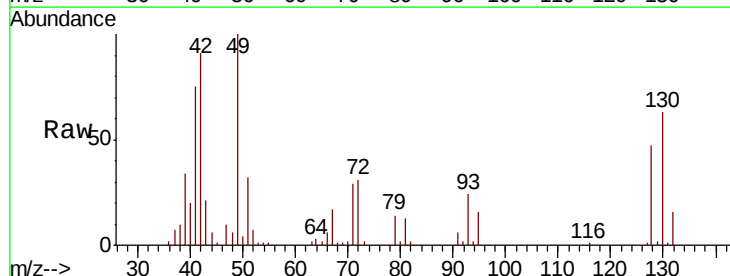
Tgt Ion: 49 Resp: 78293

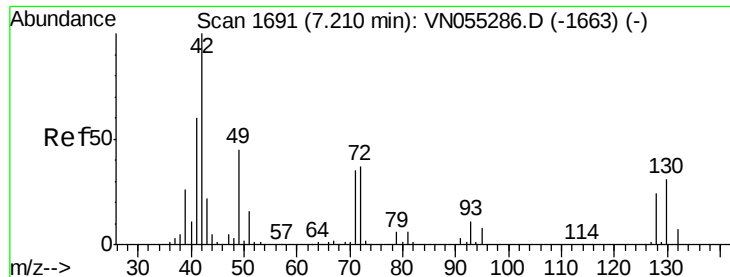
Ion Ratio Lower Upper

49 100

129 1.3 0.0 2.4

130 64.4 52.0 78.0

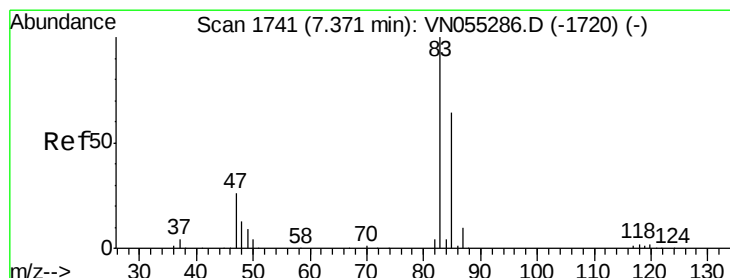
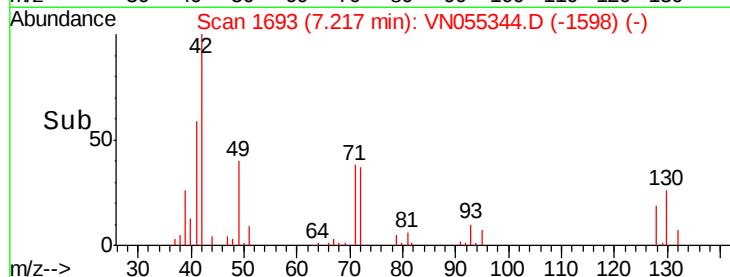
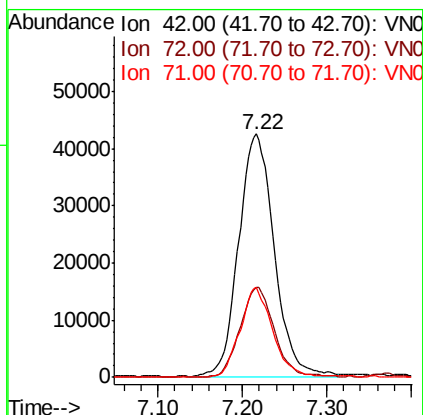
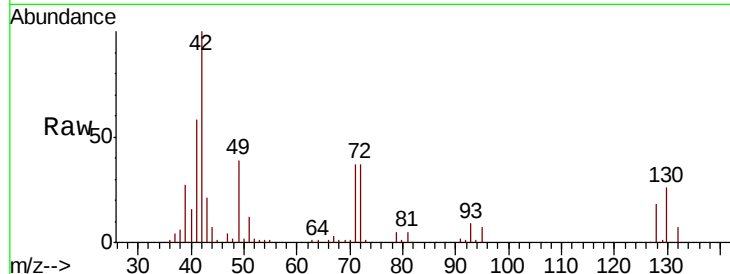




#29
Tetrahydrofuran
Concen: 109.272 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

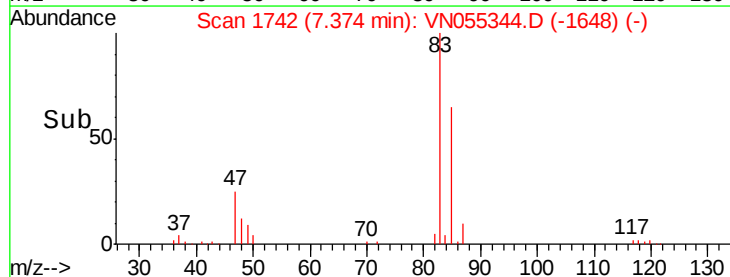
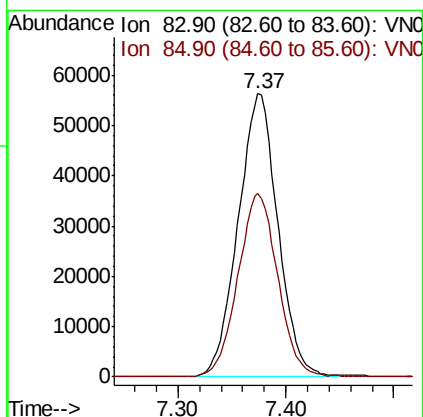
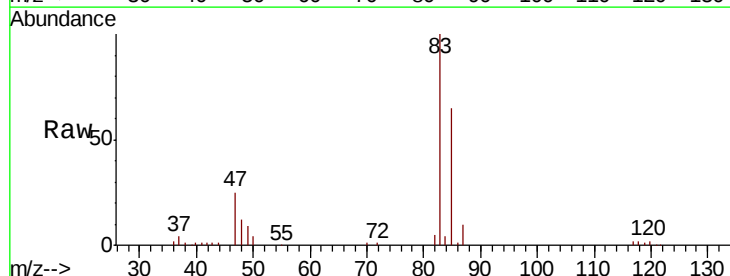
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01

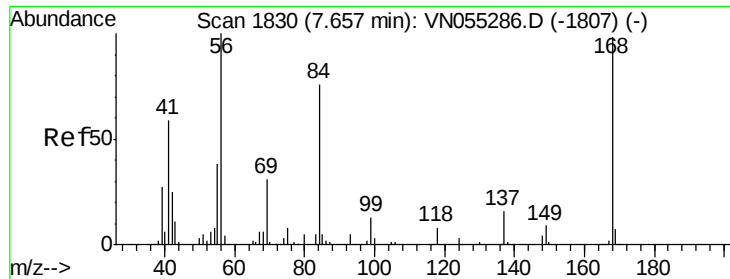
Tot Ion: 42 Resp: 124273
Ion Ratio Lower Upper
42 100
72 35.5 29.0 43.6
71 33.9 27.1 40.7



#30
Chloroform
Concen: 20.638 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

Tgt Ion: 83 Resp: 144367
Ion Ratio Lower Upper
83 100
85 65.0 51.4 77.2

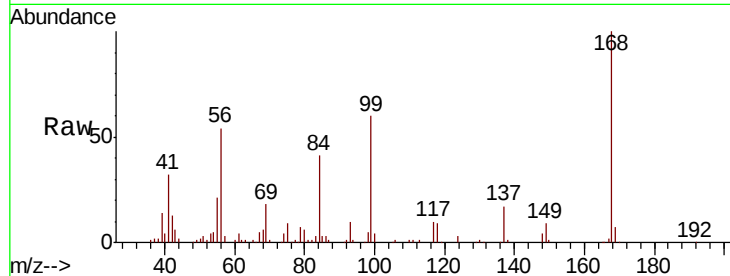




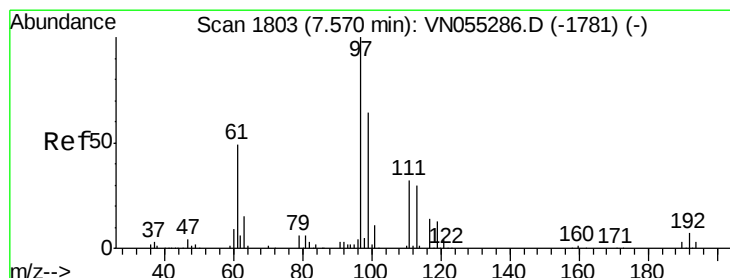
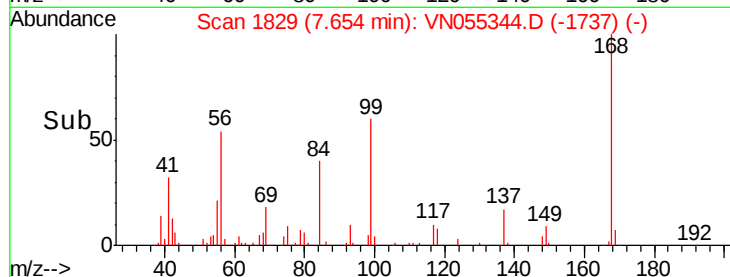
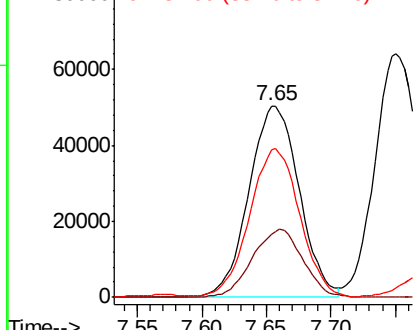
#31
Cyclohexane
Concen: 19.494 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01

Tot Ion: 56 Resp: 136671
Ion Ratio Lower Upper
56 100
69 32.9 25.2 37.8
84 76.0 61.1 91.7

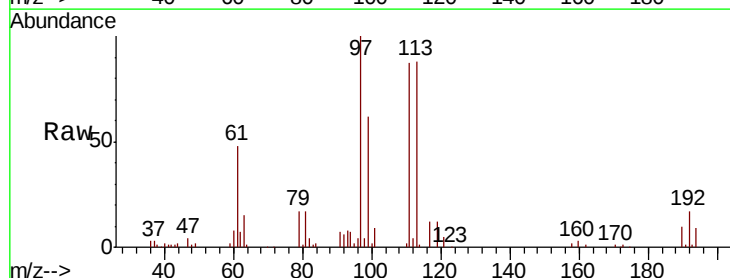


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

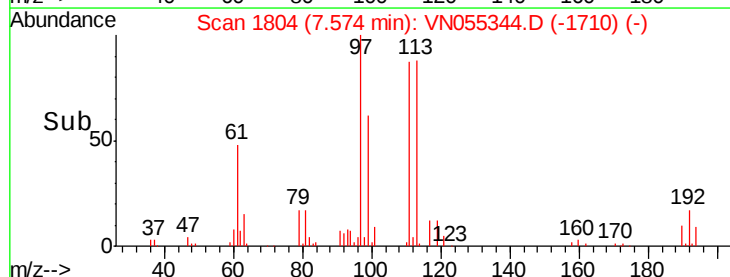
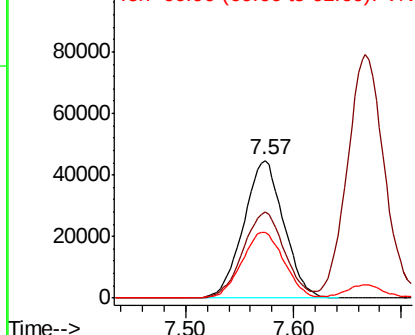


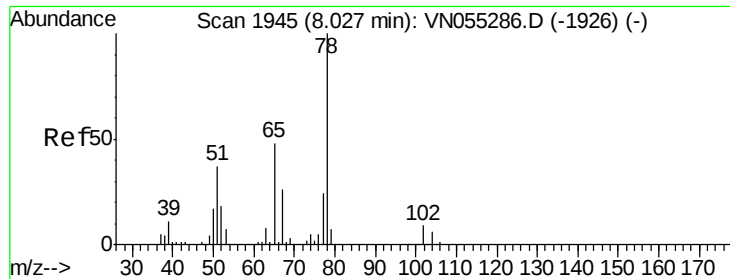
#32
1,1,1-Trichloroethane
Concen: 20.267 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

Tgt Ion: 97 Resp: 115061
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.8
61 50.3 39.0 58.6



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

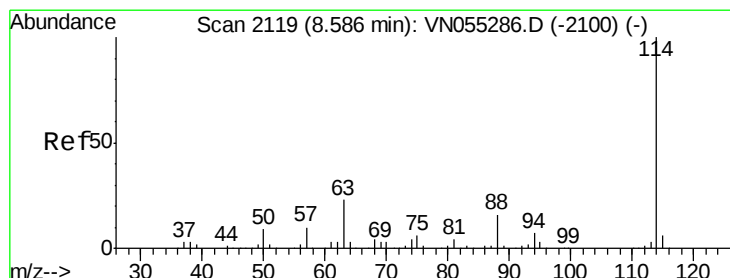
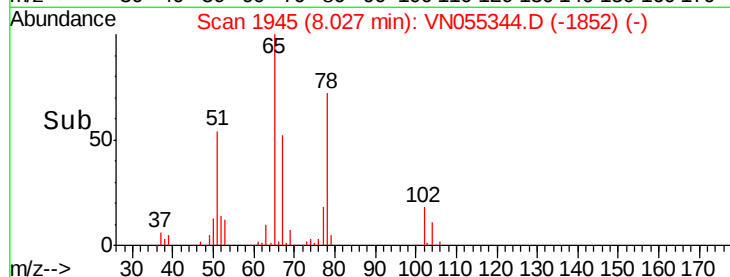
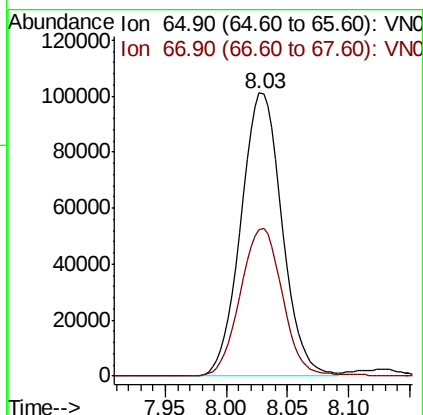
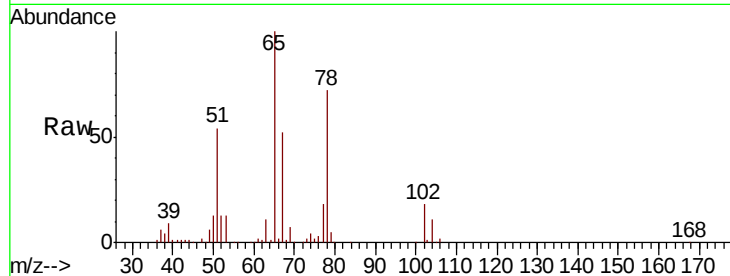




#33
 1,2-Dichloroethane-d4
 Concen: 53.026 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055344.D
 Acq: 2 May 2019 12:28

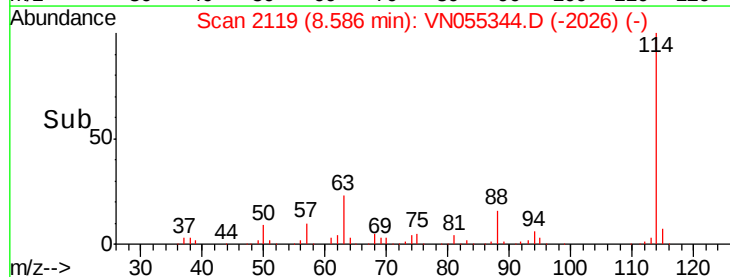
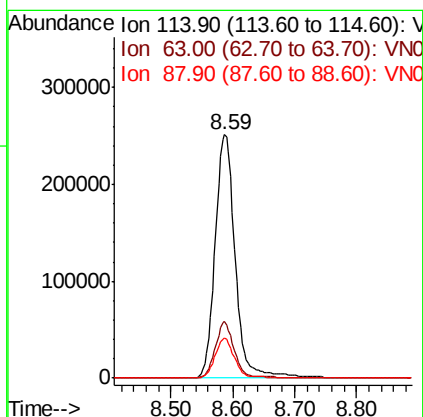
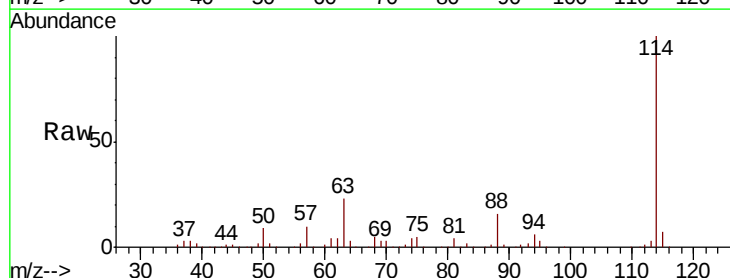
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBSD01

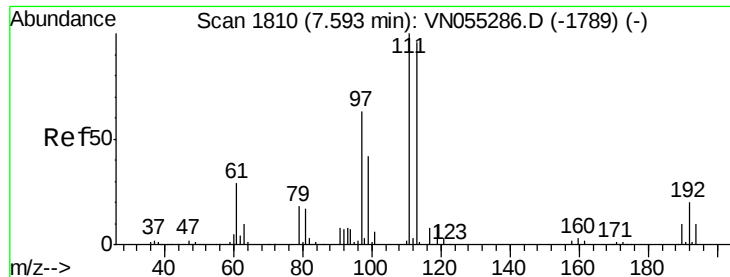
Tot Ion: 65 Resp: 236344
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055344.D
 Acq: 2 May 2019 12:28

Tgt Ion: 114 Resp: 568666
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.2
 88 16.4 0.0 31.6

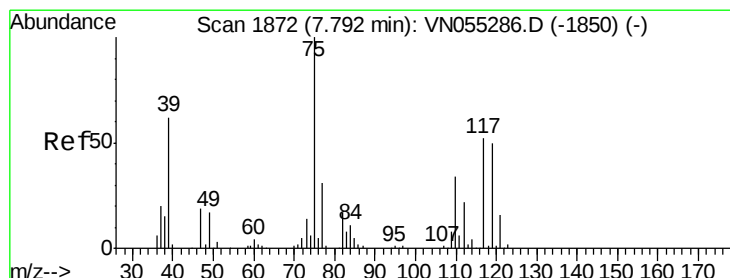
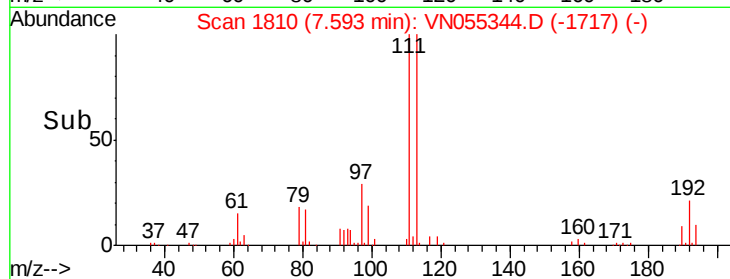
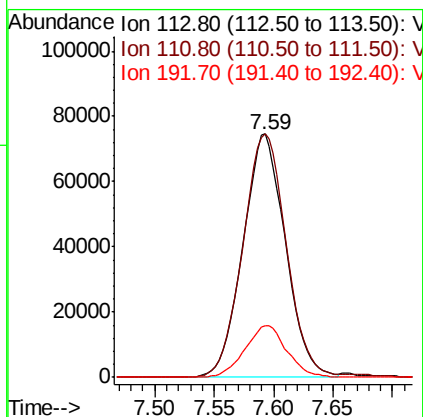
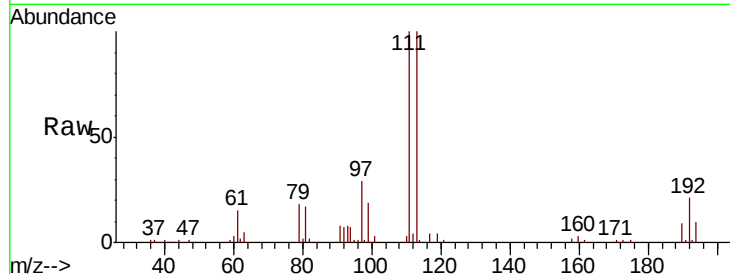




#35
 Dibromofluoromethane
 Concen: 49.416 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055344.D
 Acq: 2 May 2019 12:28

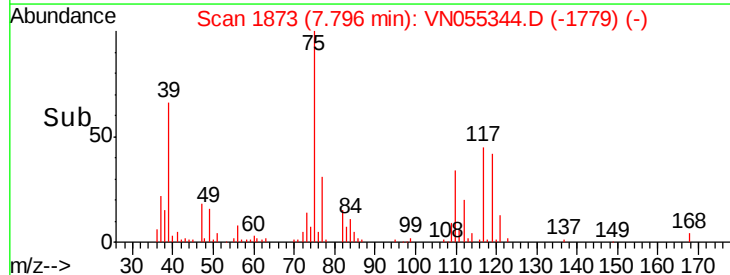
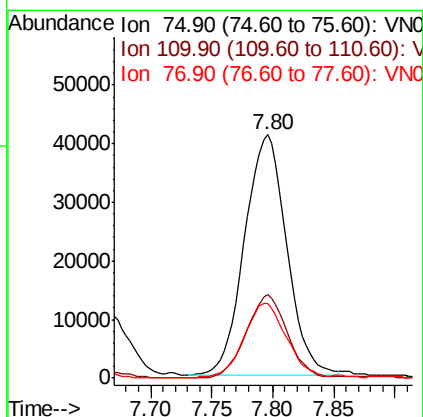
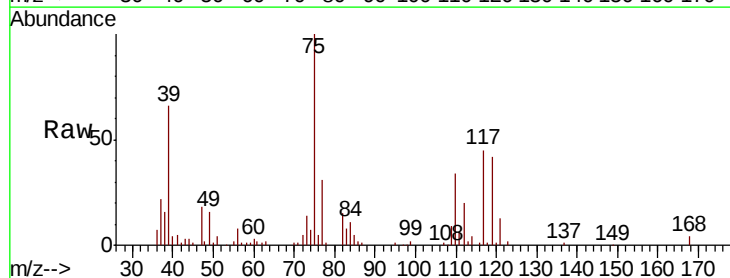
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBSD01

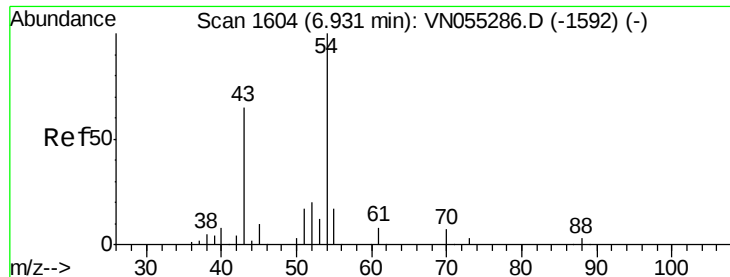
Tot Ion:113 Resp: 184446
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.3 123.5
 192 20.9 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 17.963 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN055344.D
 Acq: 2 May 2019 12:28

Tgt Ion: 75 Resp: 97846
 Ion Ratio Lower Upper
 75 100
 110 33.8 16.8 50.4
 77 31.7 25.0 37.6

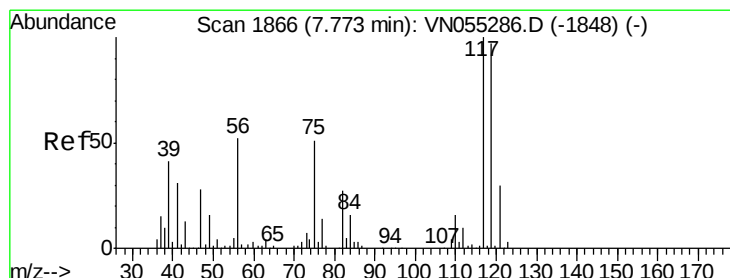
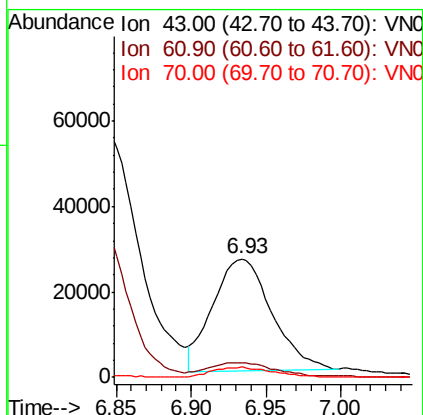
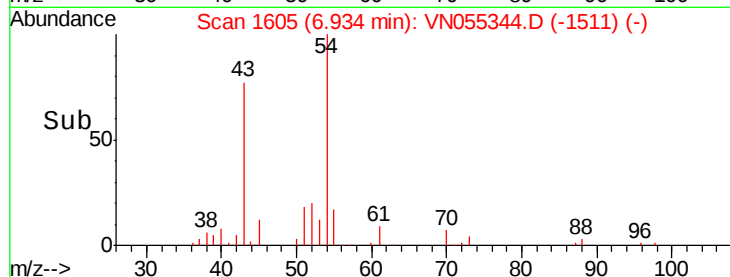
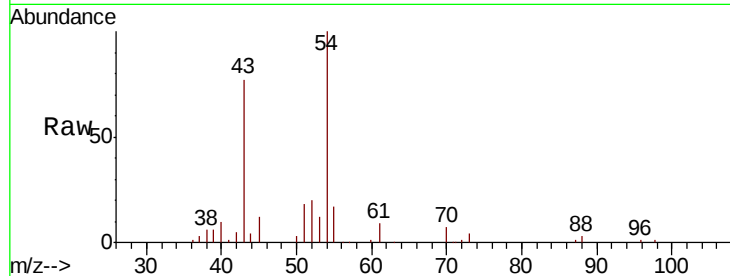




#37
Ethyl Acetate
Concen: 17.202 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

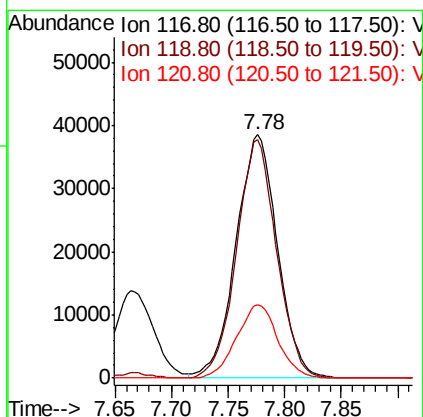
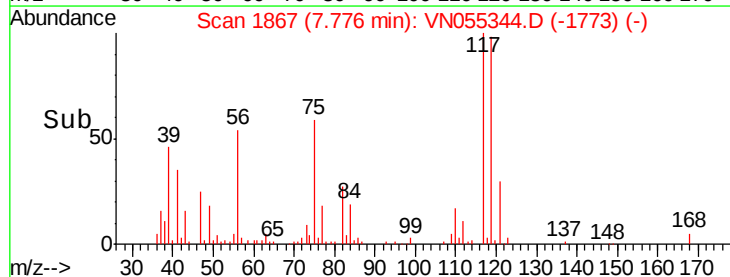
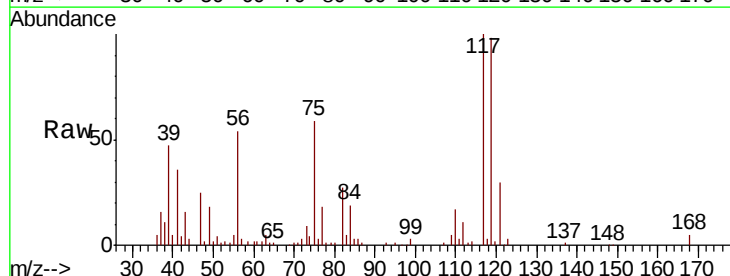
Instrument :
MSVOA_N
ClientSampled :
VN0502WBSD01

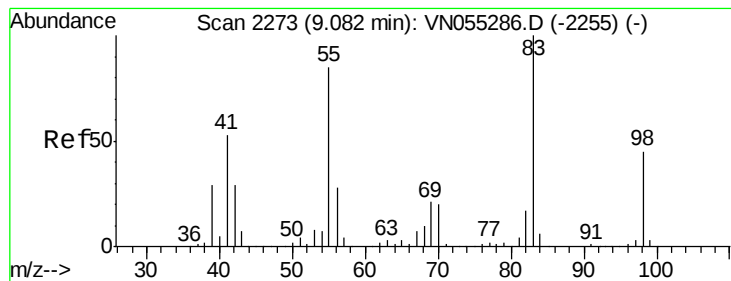
Tot Ion: 43 Resp: 71810
Ion Ratio Lower Upper
43 100
61 13.0 10.4 15.6
70 9.5 6.6 10.0



#38
Carbon Tetrachloride
Concen: 18.701 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

Tgt Ion: 117 Resp: 98261
Ion Ratio Lower Upper
117 100
119 98.0 77.0 115.6
121 30.3 23.8 35.8

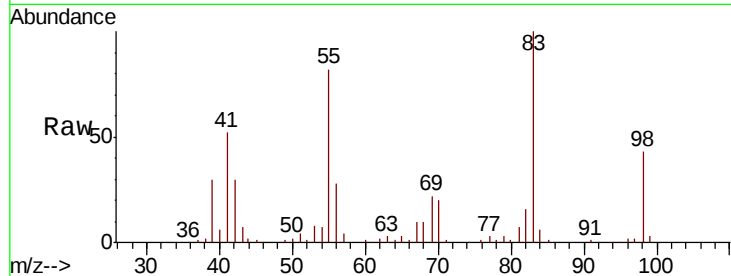




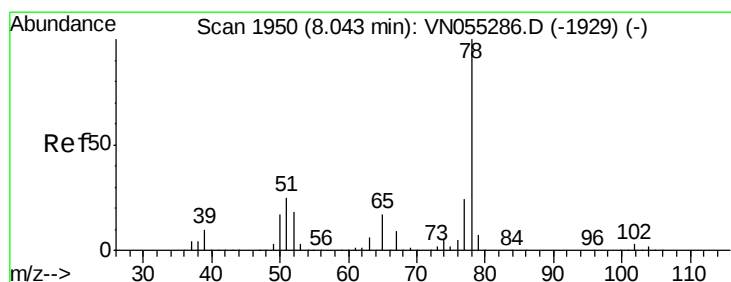
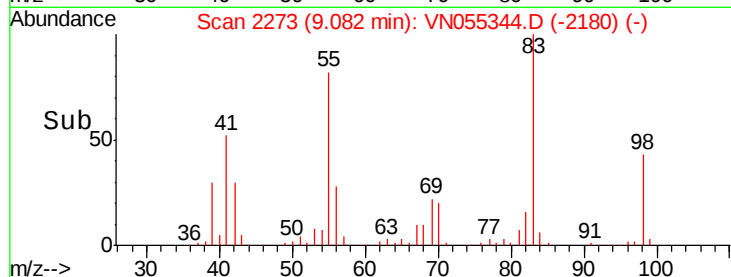
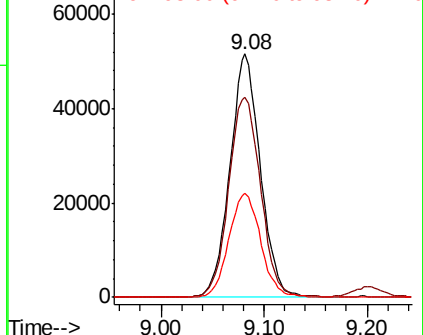
#39
Methvlcvclohexane
Concen: 18.270 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01

Tot Ion: 83 Resp: 105806
Ion Ratio Lower Upper
83 100
55 82.0 67.8 101.6
98 42.5 36.2 54.4

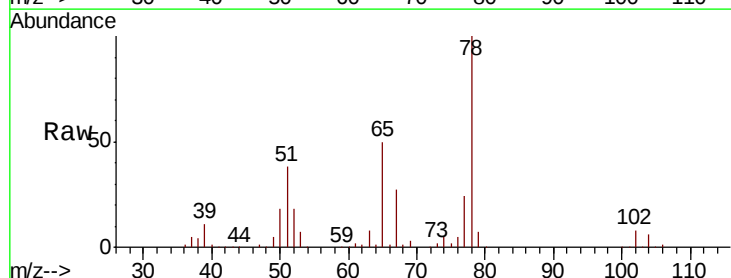


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

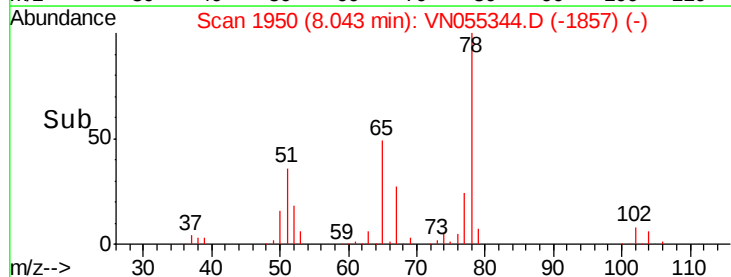
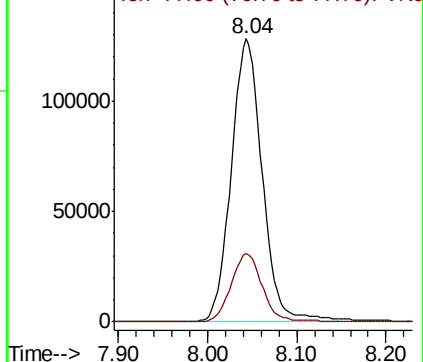


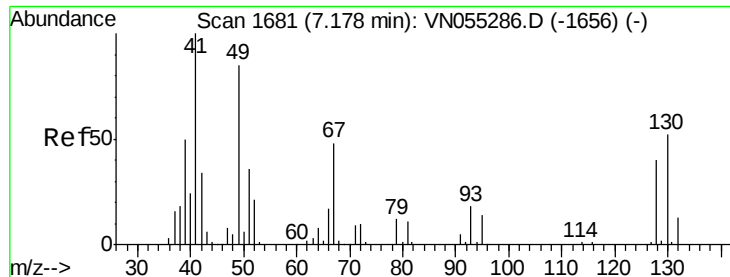
#40
Benzene
Concen: 19.236 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

Tgt Ion: 78 Resp: 308878
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6



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

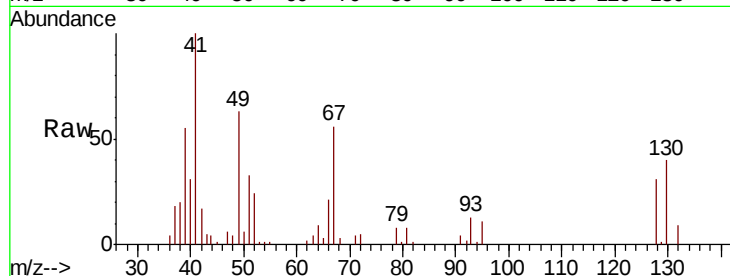




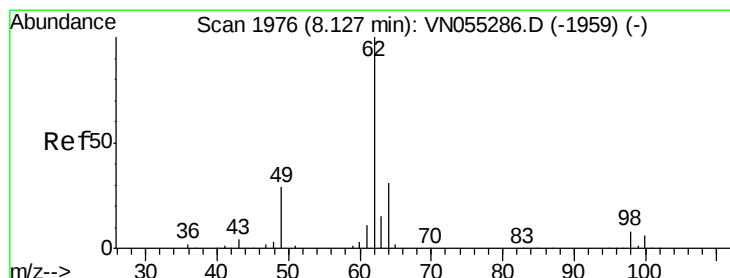
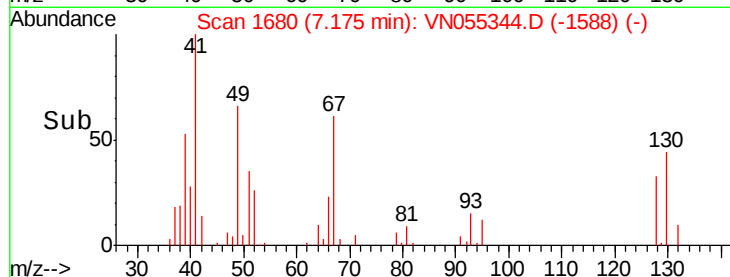
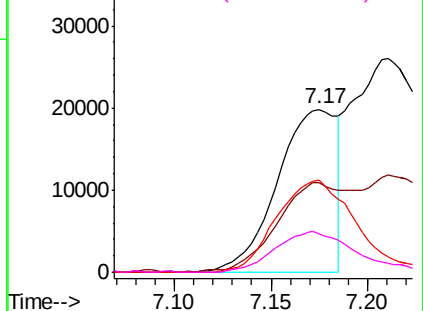
#41
Methacrylonitrile
Concen: 19.312 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01

Tot Ion: 41 Resp: 42592
Ion Ratio Lower Upper
41 100
39 63.4 48.5 72.7
67 74.7 54.9 82.3
52 33.8 24.9 37.3

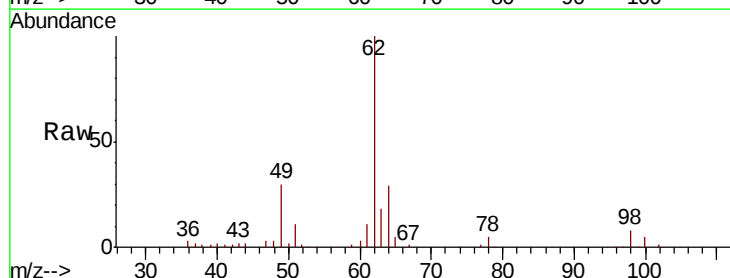


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

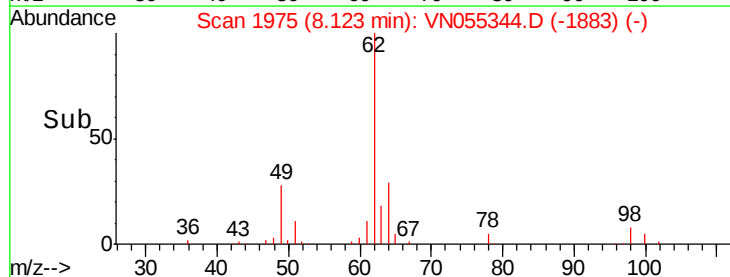
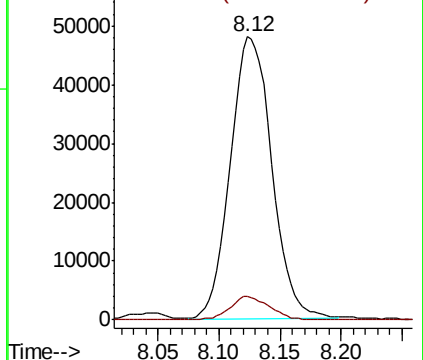


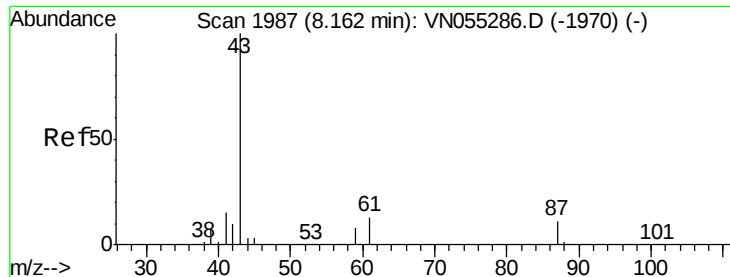
#42
1,2-Dichloroethane
Concen: 19.889 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

Tgt Ion: 62 Resp: 113113
Ion Ratio Lower Upper
62 100
98 7.9 0.0 16.4



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





#43

Isopropyl Acetate

Concen: 21.687 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBSD01

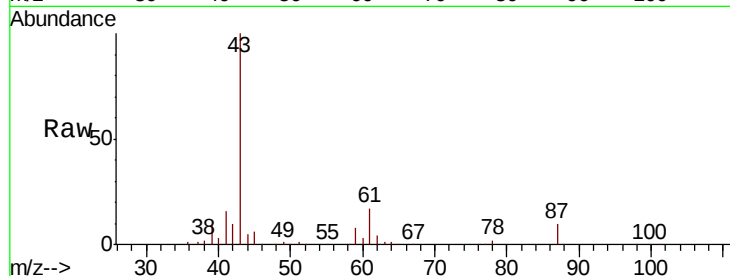
Tot Ion: 43 Resp: 145496

Ion Ratio Lower Upper

43 100

61 15.6 20.8 31.2#

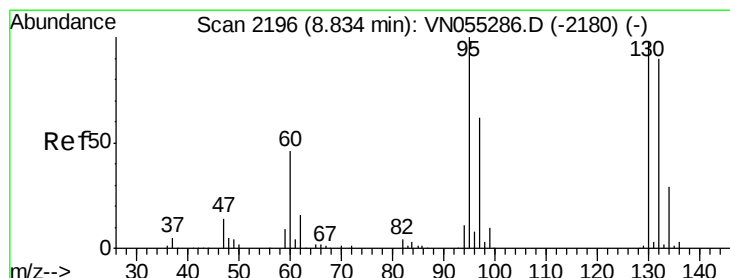
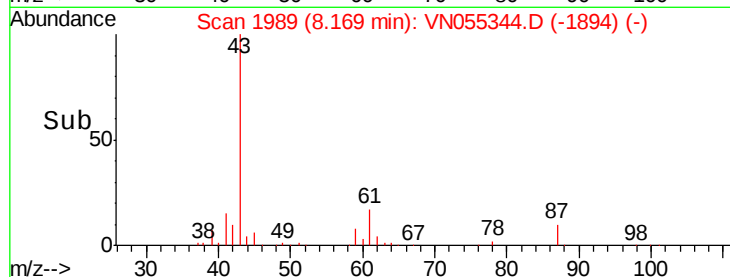
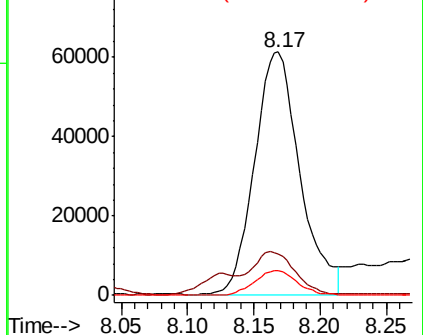
87 9.8 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN055344.D (-1989) (-)

Ion 61.00 (60.70 to 61.70): VN055344.D (-1989) (-)

Ion 87.00 (86.70 to 87.70): VN055344.D (-1989) (-)



#44

Trichloroethene

Concen: 18.638 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055344.D

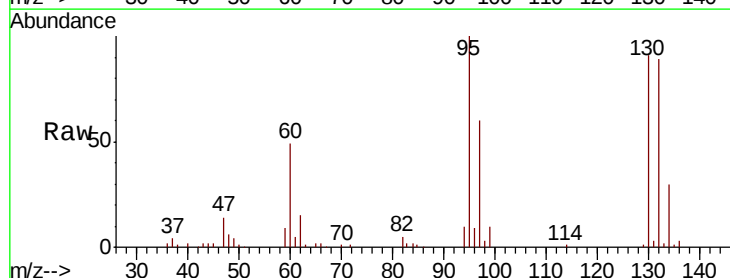
Acq: 2 May 2019 12:28

Tgt Ion:130 Resp: 76292

Ion Ratio Lower Upper

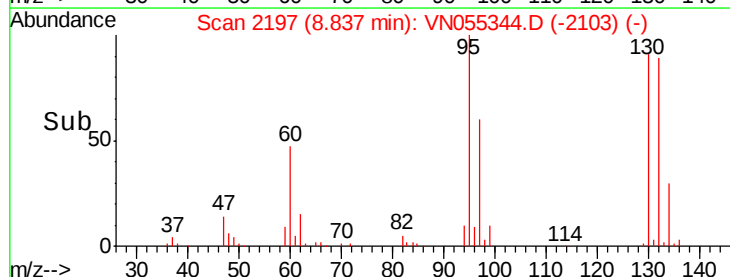
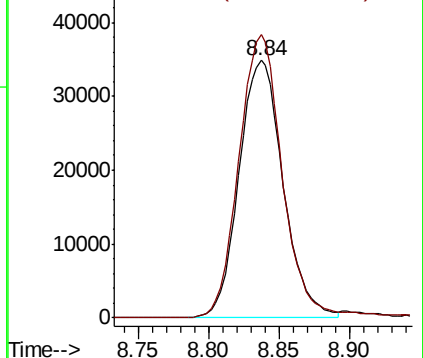
130 100

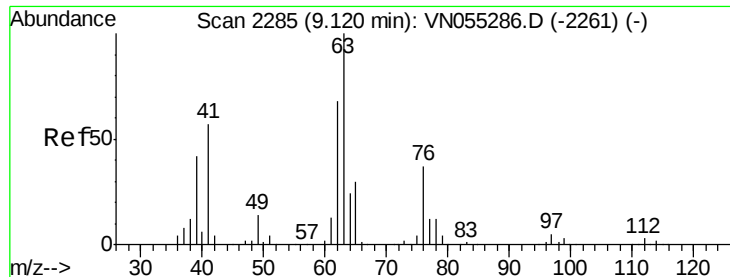
95 109.9 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): VN055344.D (-2197) (-)

Ion 94.90 (94.60 to 95.60): VN055344.D (-2197) (-)

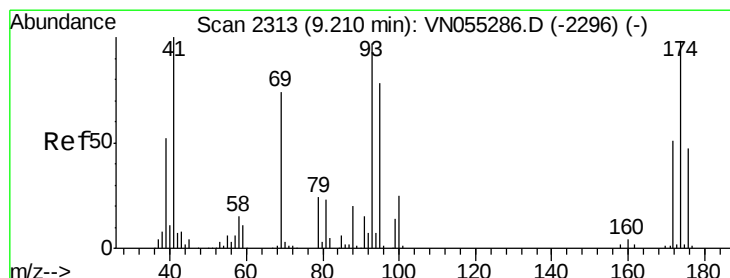
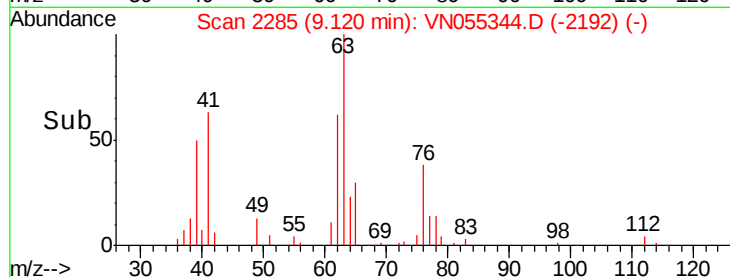
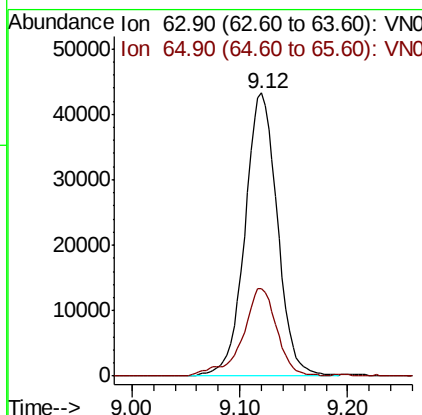
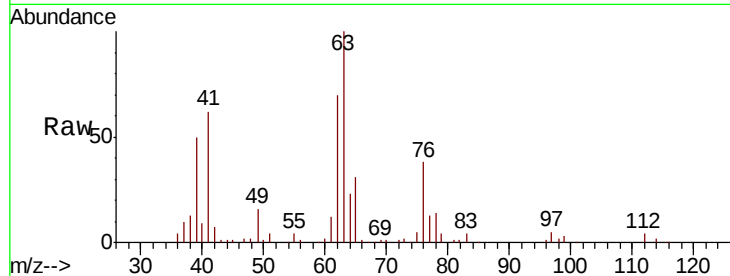




#45
 1,2-Dichloropropane
 Concen: 19.558 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055344.D
 Acq: 2 May 2019 12:28

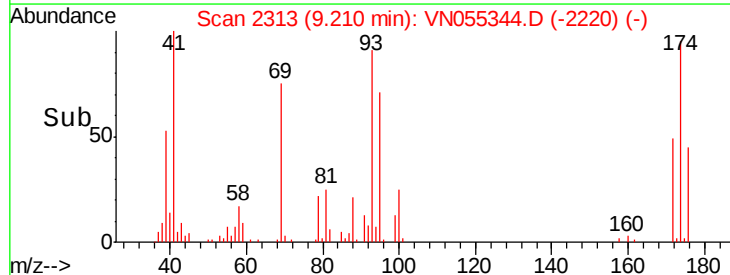
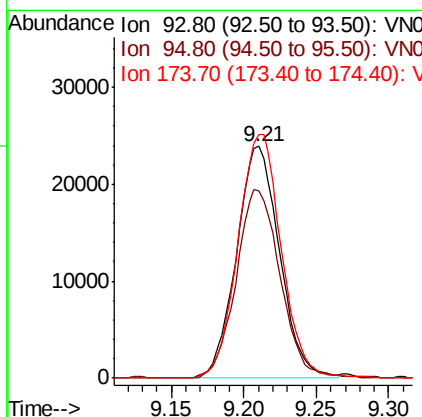
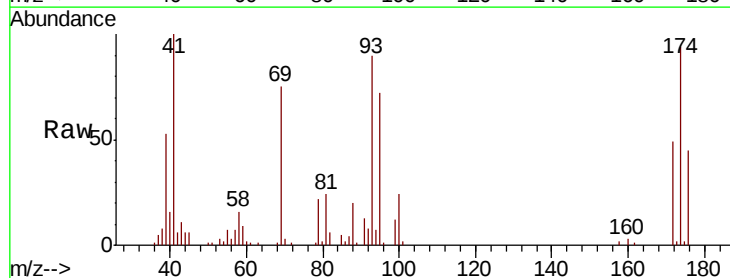
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBSD01

Tot Ion: 63 Resp: 90577
 Ion Ratio Lower Upper
 63 100
 65 30.6 23.9 35.9



#46
 Dibromomethane
 Concen: 19.527 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN055344.D
 Acq: 2 May 2019 12:28

Tgt Ion: 93 Resp: 49431
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.7 98.5
 174 105.5 81.5 122.3

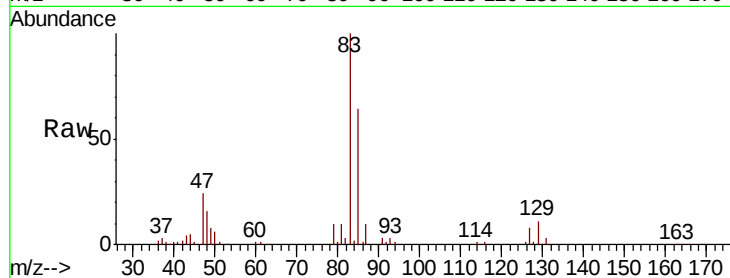




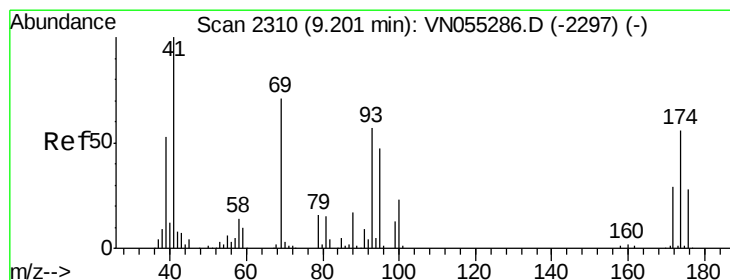
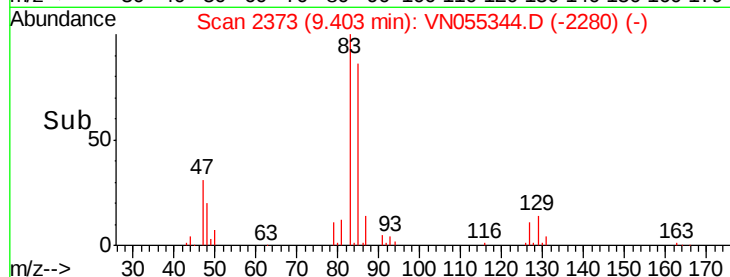
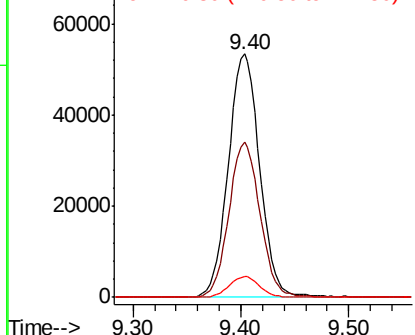
#47
Bromodichloromethane
Concen: 19.866 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01

Tot Ion: 83 Resp: 107887
Ion Ratio Lower Upper
83 100
85 63.9 50.1 75.1
127 8.4 6.7 10.1

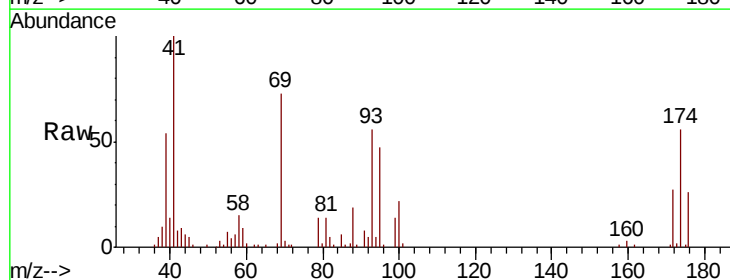


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

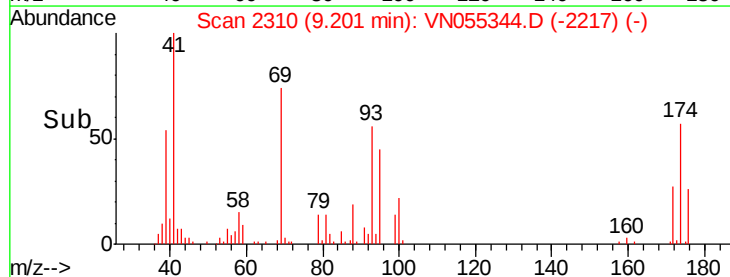
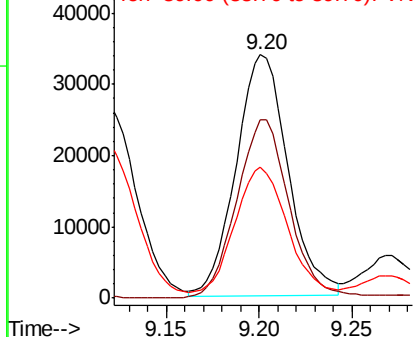


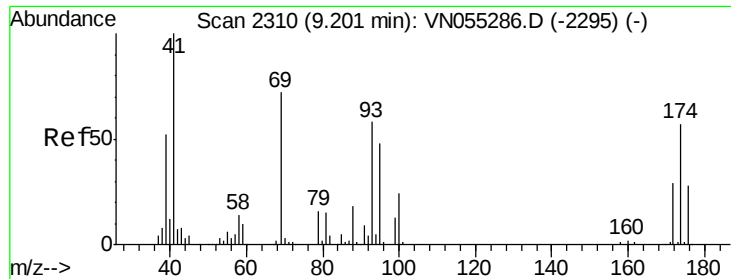
#48
Methyl methacrylate
Concen: 19.957 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

Tgt Ion: 41 Resp: 65819
Ion Ratio Lower Upper
41 100
69 74.9 58.6 87.8
39 55.0 43.8 65.6



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

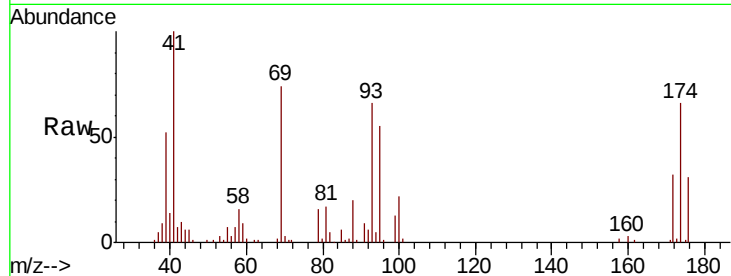




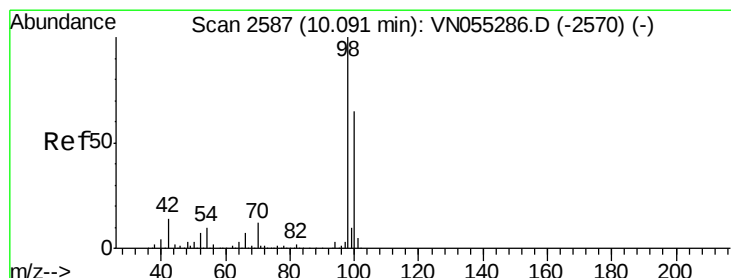
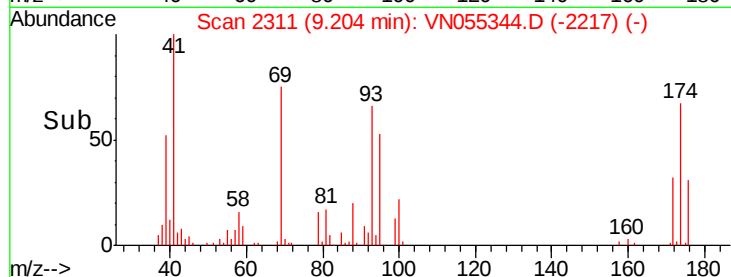
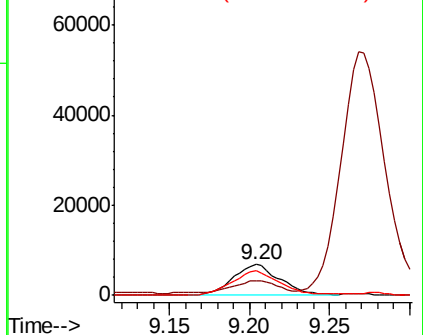
#49
1,4-Dioxane
Concen: 403.772 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

Instrument :
MSVOA_N
ClientSampled :
VN0502WBSD01

Tot Ion: 88 Resp: 13766
Ion Ratio Lower Upper
88 100
43 36.2 33.3 49.9
58 81.0 62.7 94.1

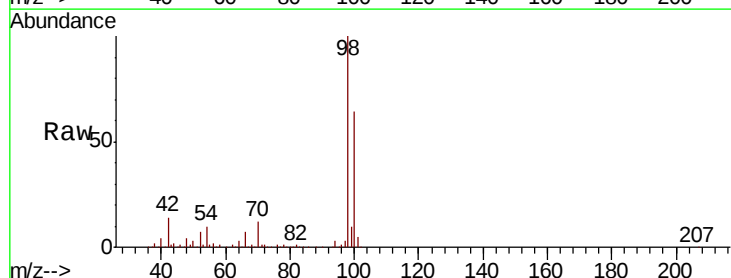


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

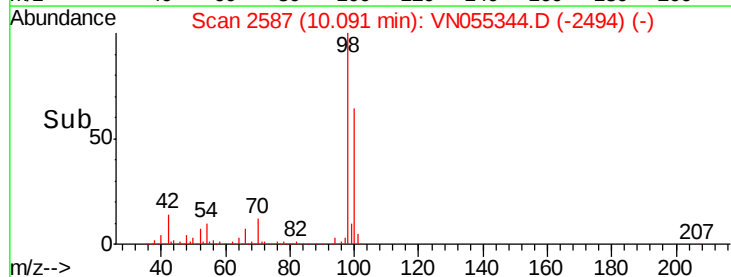
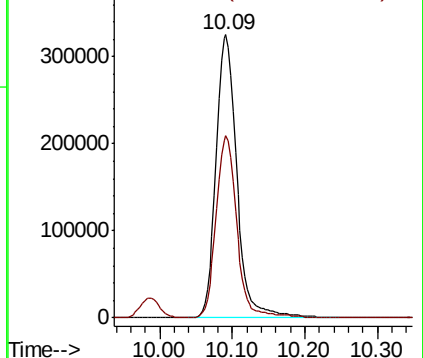


#50
Toluene-d8
Concen: 48.241 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

Tgt Ion: 98 Resp: 650186
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



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: 101.560 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

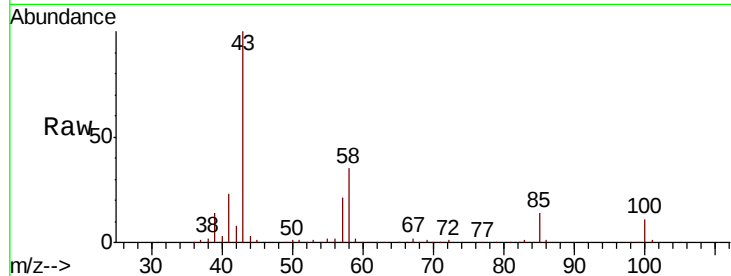
VN0502WBSD01

Tot Ion: 43 Resp: 383611

Ion Ratio Lower Upper

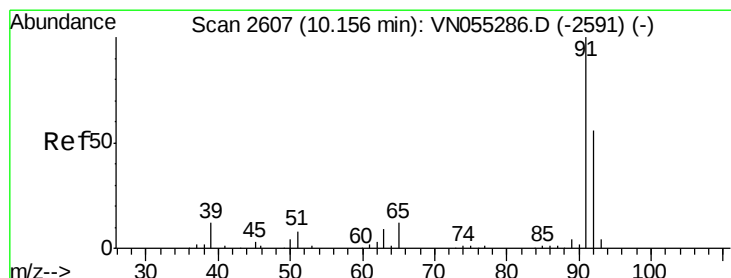
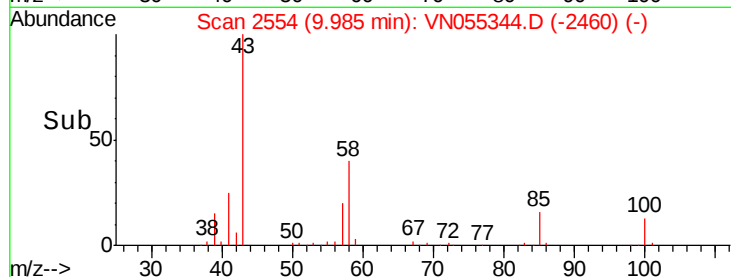
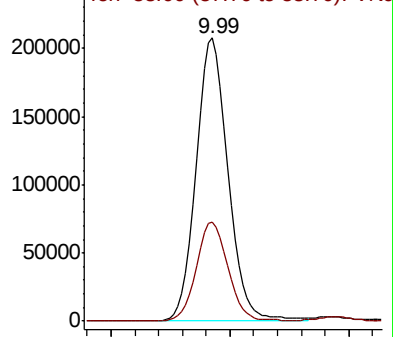
43 100

58 35.0 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.347 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055344.D

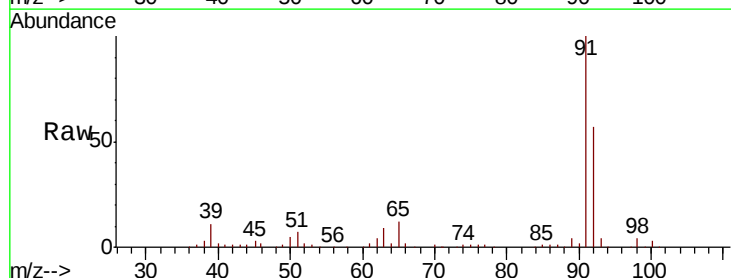
Acq: 2 May 2019 12:28

Tgt Ion: 92 Resp: 178249

Ion Ratio Lower Upper

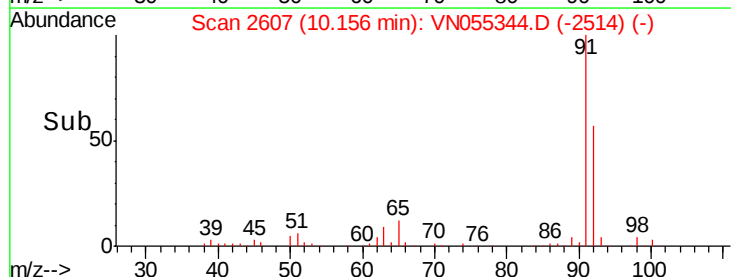
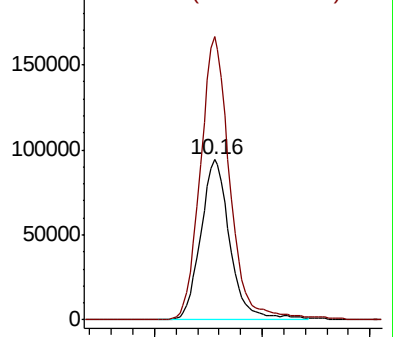
92 100

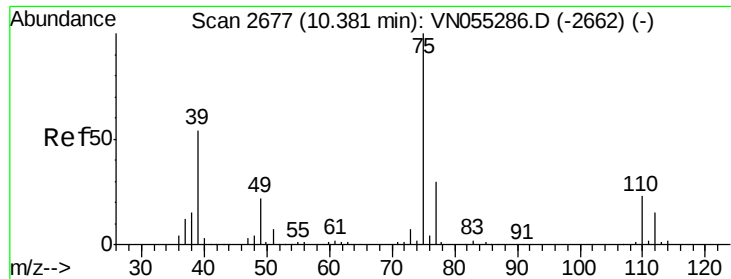
91 179.1 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 19.357 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

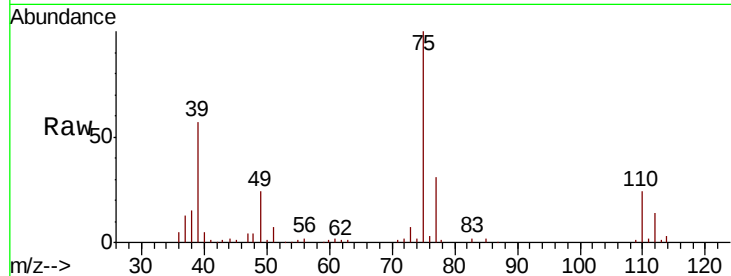
VN0502WBSD01

Tot Ion: 75 Resp: 91255

Ion Ratio Lower Upper

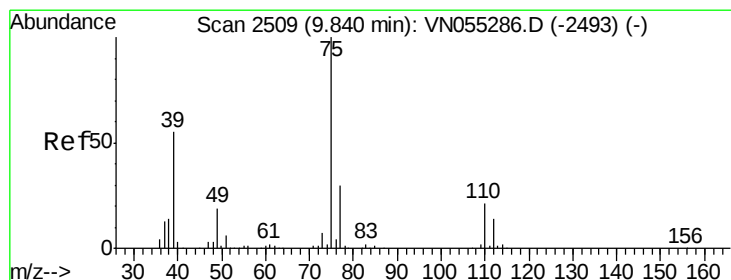
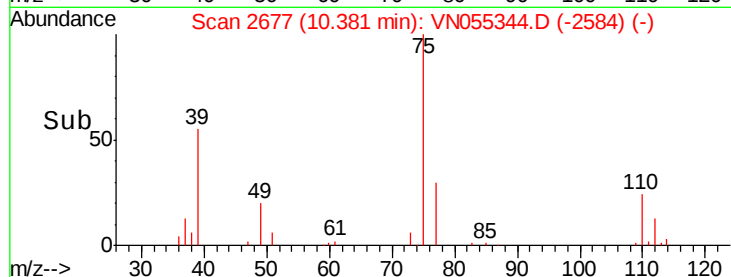
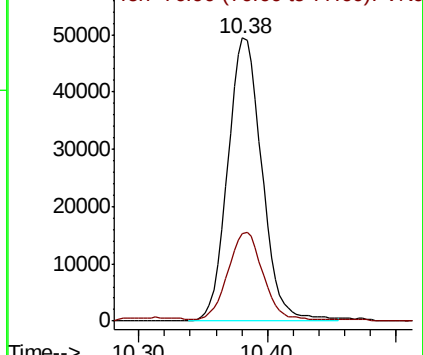
75 100

77 30.1 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.529 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

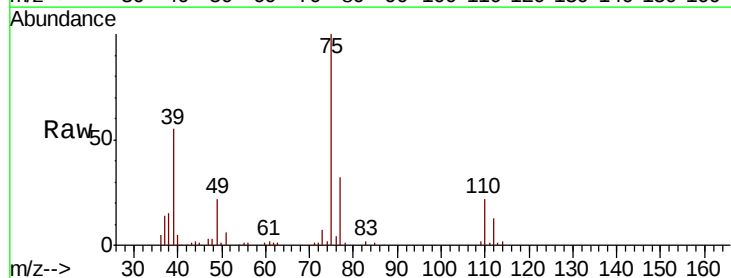
Tgt Ion: 75 Resp: 114789

Ion Ratio Lower Upper

75 100

77 32.0 24.2 36.2

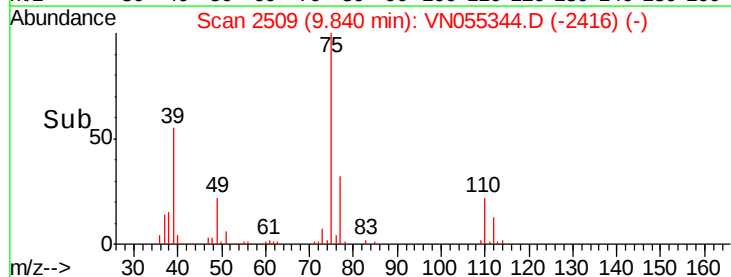
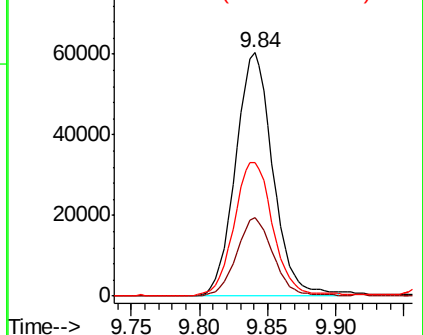
39 54.5 44.2 66.2

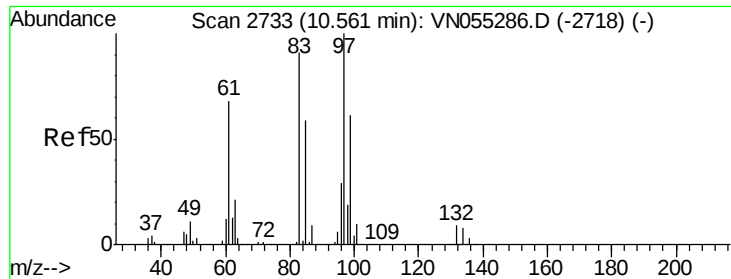


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 20.850 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBSD01

Tot Ion: 97 Resp: 71332

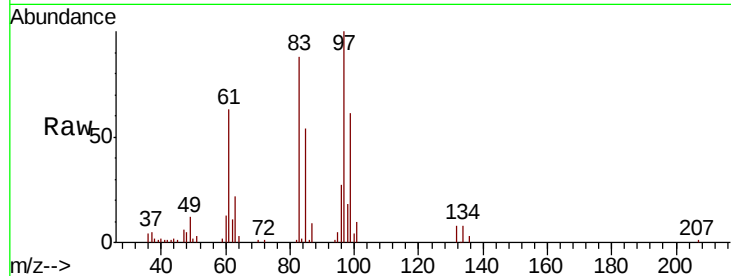
Ion Ratio Lower Upper

97 100

83 88.2 72.8 109.2

85 53.8 47.0 70.6

99 60.9 49.0 73.4

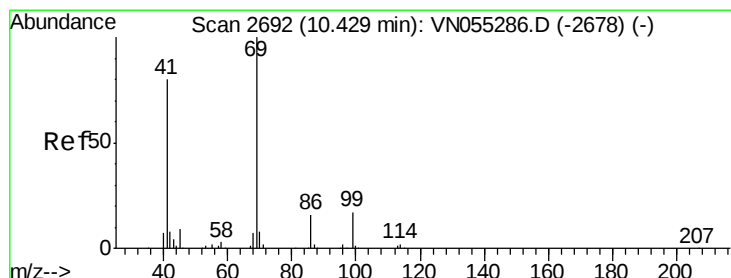
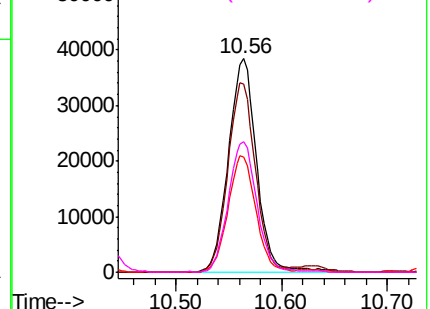
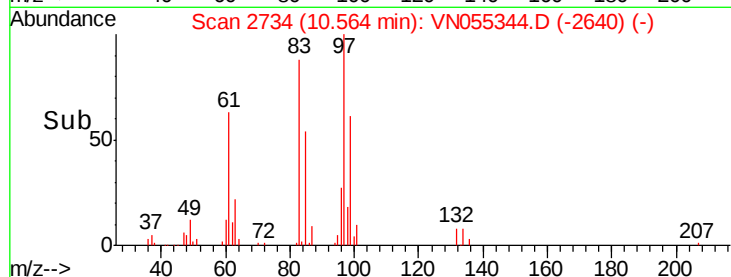


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 20.161 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

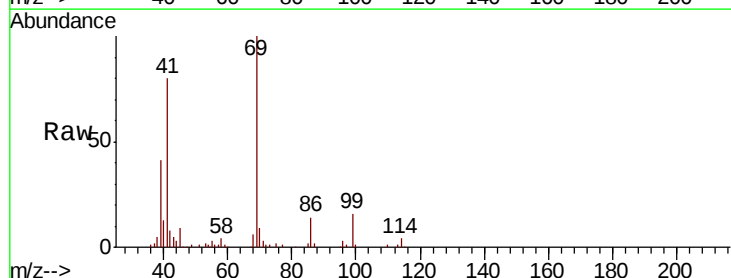
Tgt Ion: 69 Resp: 84898

Ion Ratio Lower Upper

69 100

41 80.7 62.7 94.1

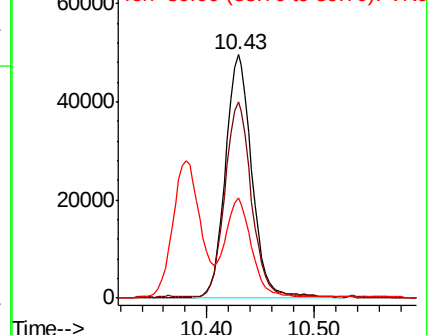
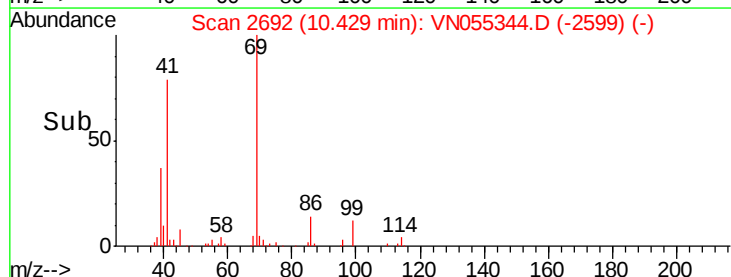
39 40.3 32.0 48.0

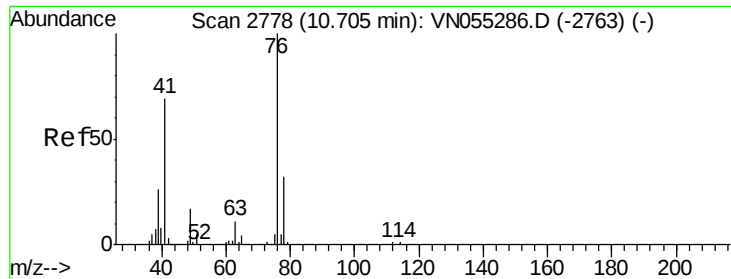


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 20.193 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

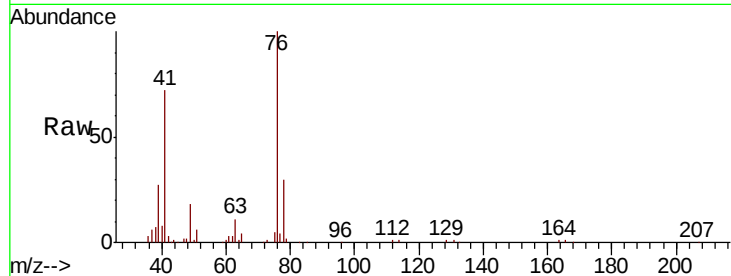
VN0502WBSD01

Tot Ion: 76 Resp: 121195

Ion Ratio Lower Upper

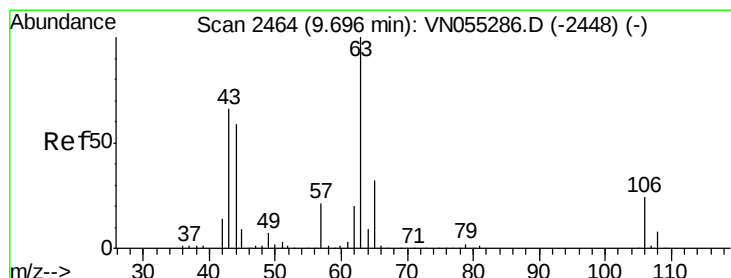
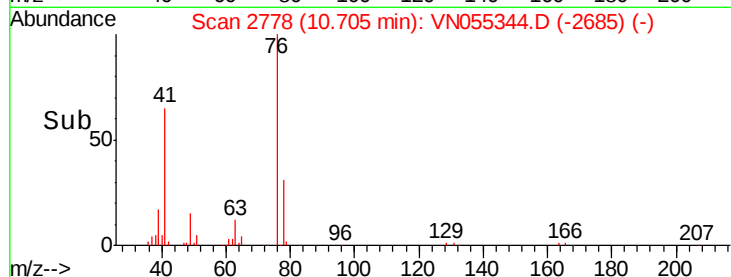
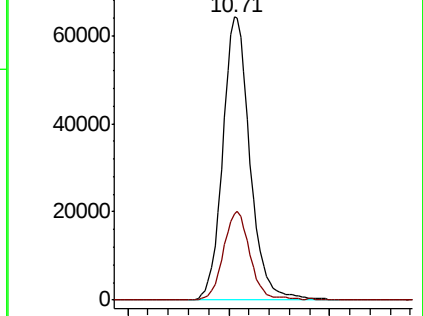
76 100

78 30.7 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 88.562 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055344.D

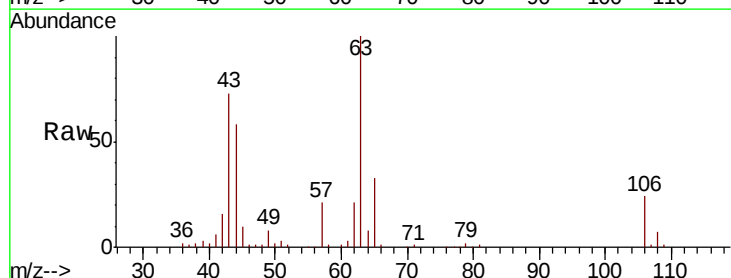
Acq: 2 May 2019 12:28

Tgt Ion: 63 Resp: 104724

Ion Ratio Lower Upper

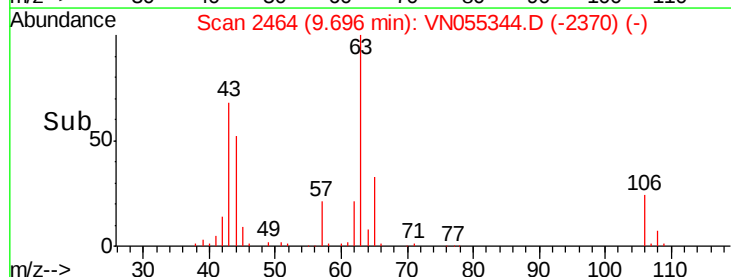
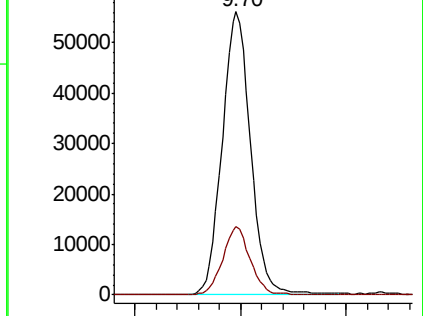
63 100

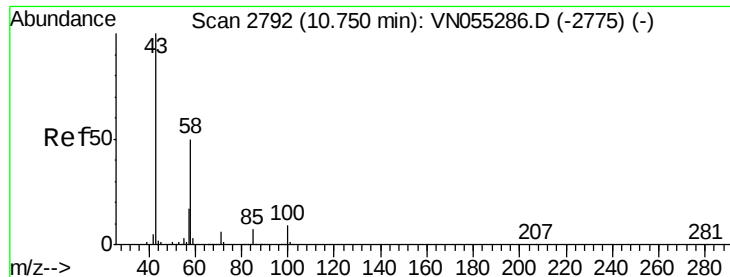
106 23.3 19.0 28.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

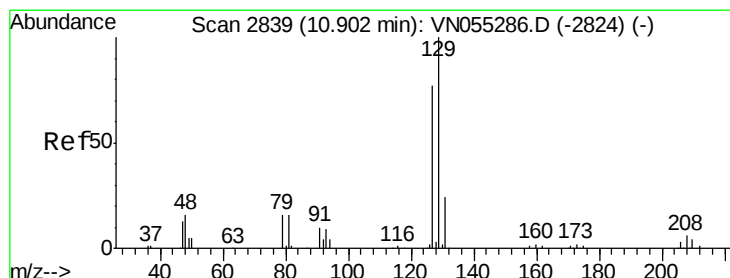
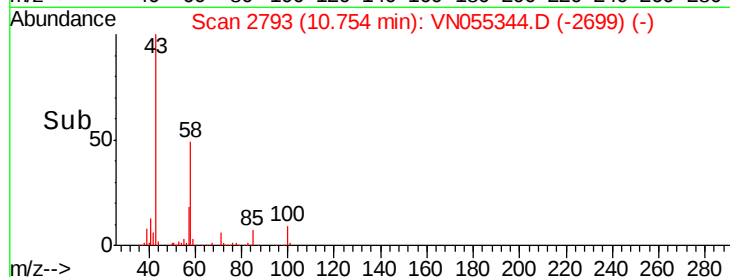
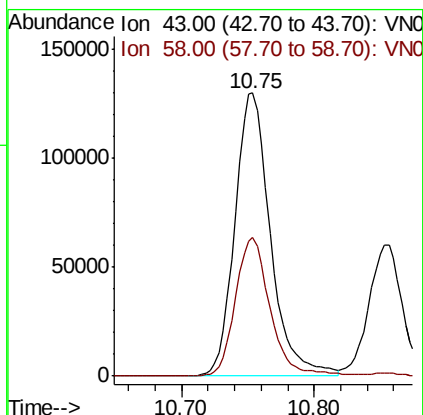
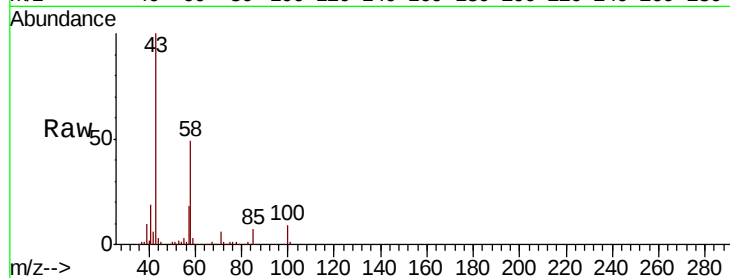




#59
2-Hexanone
Concen: 101.629 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

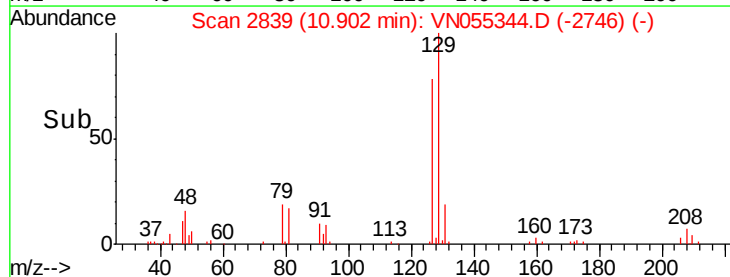
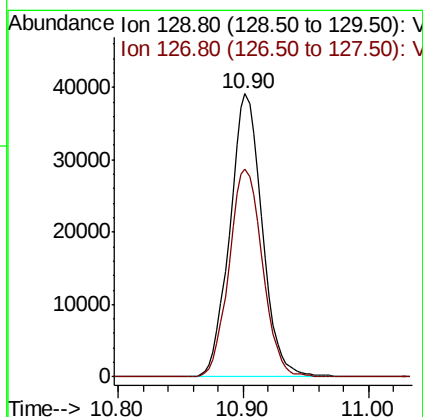
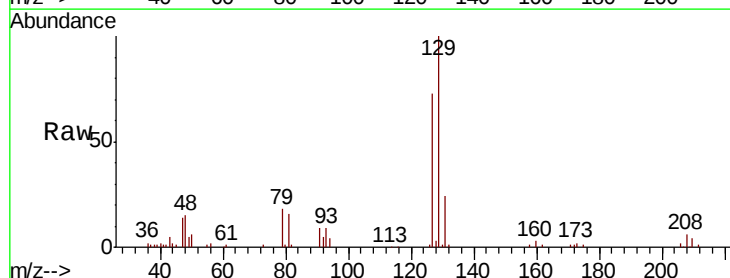
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01

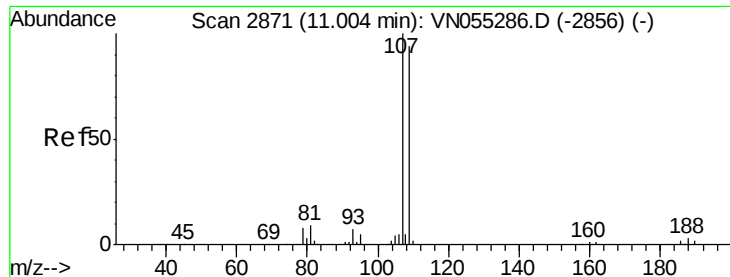
Tot Ion: 43 Resp: 240184
Ion Ratio Lower Upper
43 100
58 48.1 24.9 74.6



#60
Dibromochloromethane
Concen: 19.978 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

Tgt Ion: 129 Resp: 69854
Ion Ratio Lower Upper
129 100
127 76.0 38.1 114.5





#61

1,2-Dibromoethane

Concen: 19.461 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

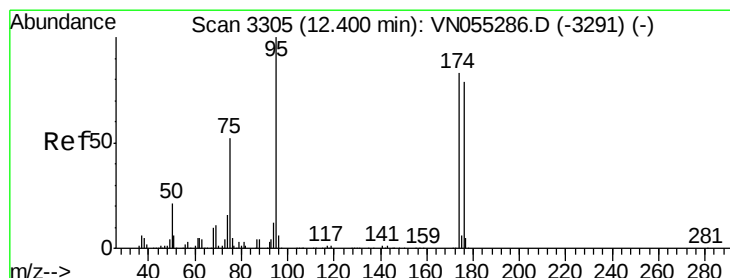
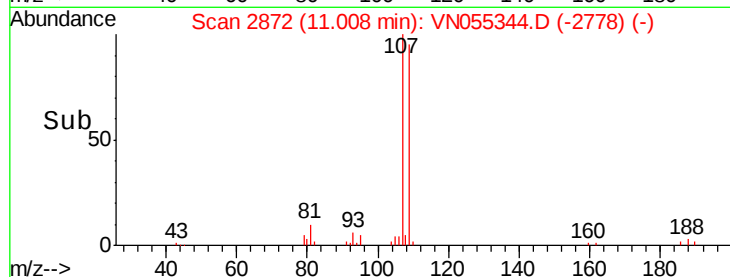
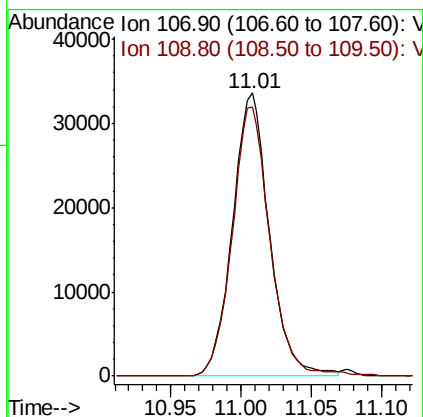
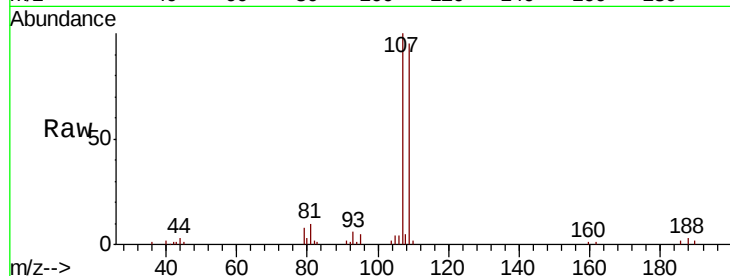
VN0502WBSD01

Tot Ion:107 Resp: 61541

Ion Ratio Lower Upper

107 100

109 96.1 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 49.965 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

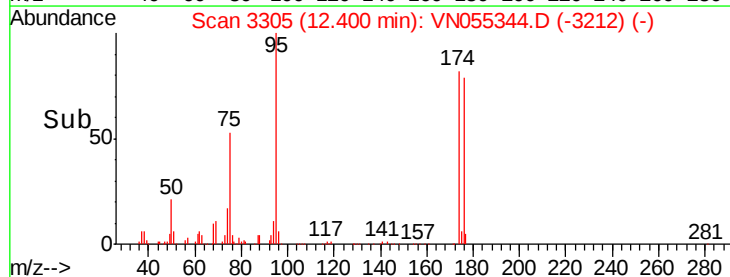
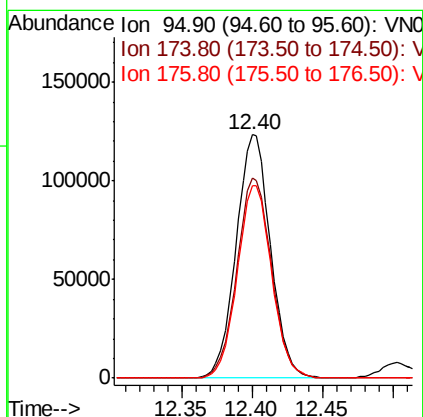
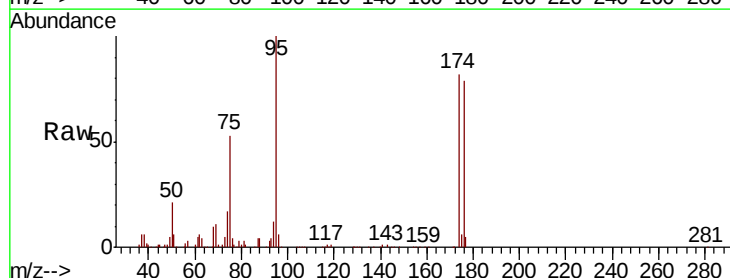
Tgt Ion: 95 Resp: 210467

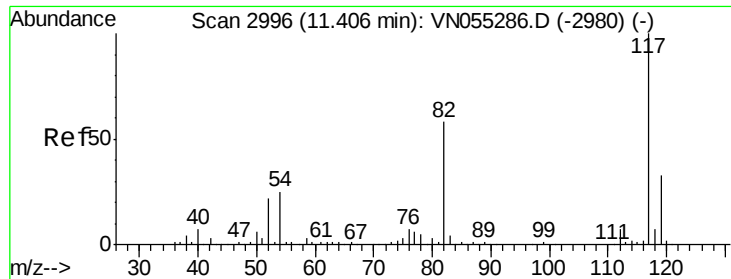
Ion Ratio Lower Upper

95 100

174 83.3 0.0 166.6

176 79.3 0.0 157.8

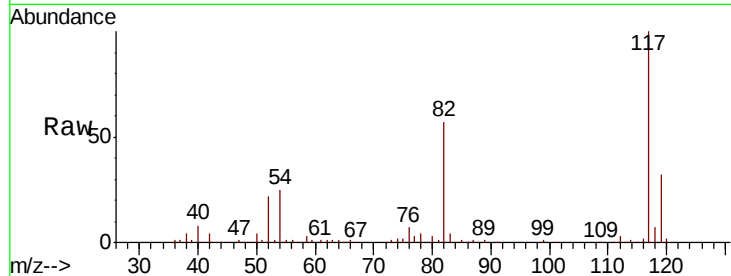




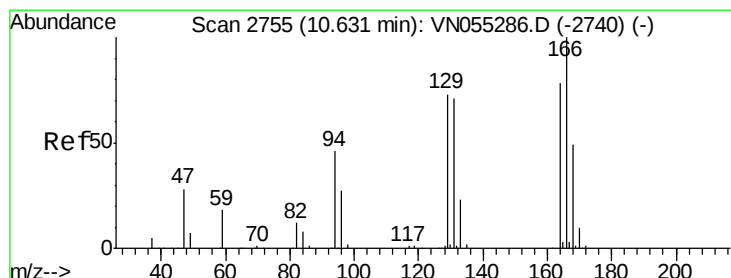
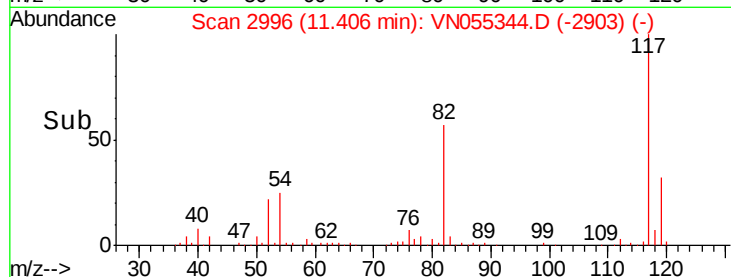
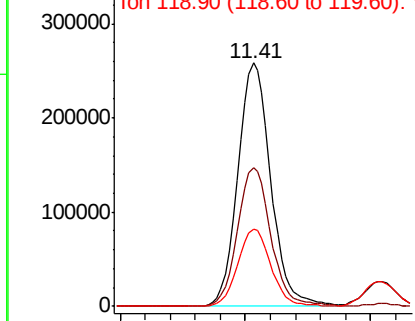
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

Instrument :
MSVOA_N
ClientSampled :
VN0502WBSD01

Tot Ion:117 Resp: 471185
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.4
119 31.7 26.6 40.0

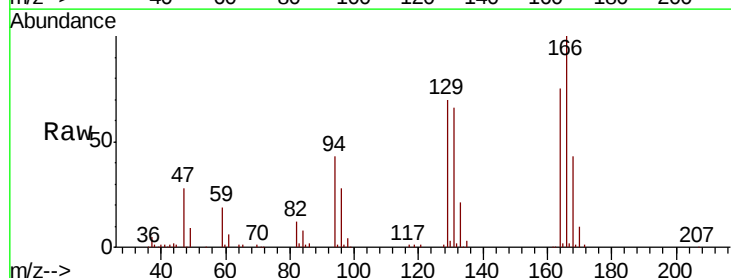


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

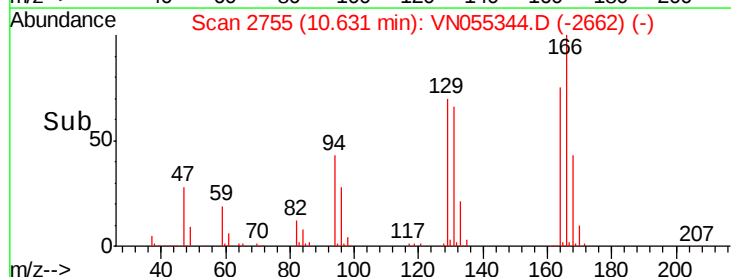
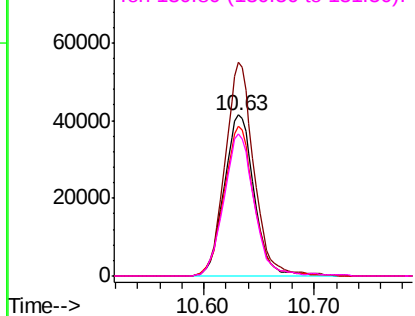


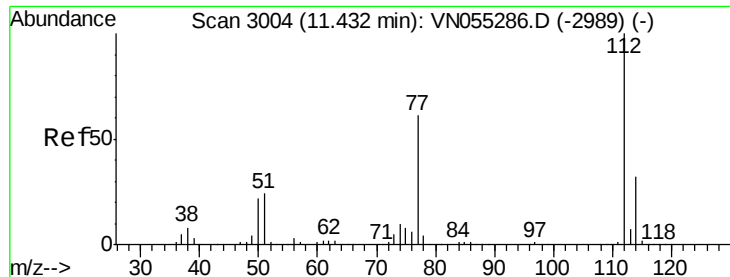
#64
Tetrachloroethene
Concen: 20.244 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

Tgt Ion:164 Resp: 78004
Ion Ratio Lower Upper
164 100
166 132.9 102.3 153.5
129 93.0 75.0 112.6
131 88.1 72.7 109.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

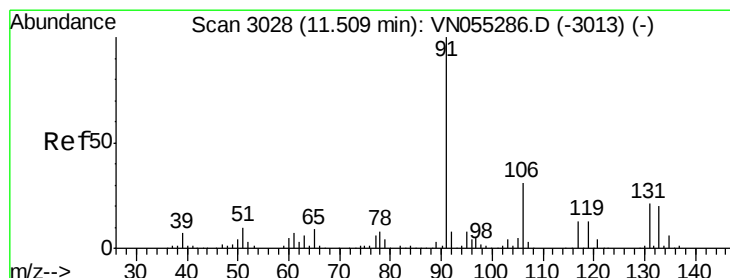
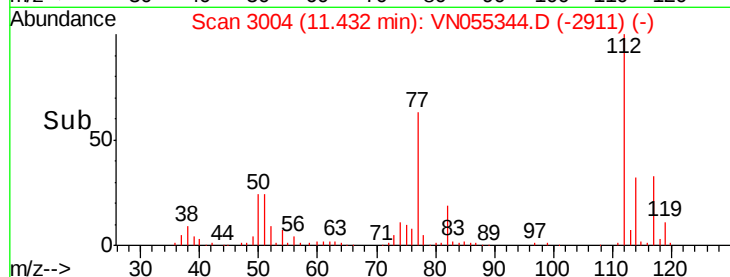
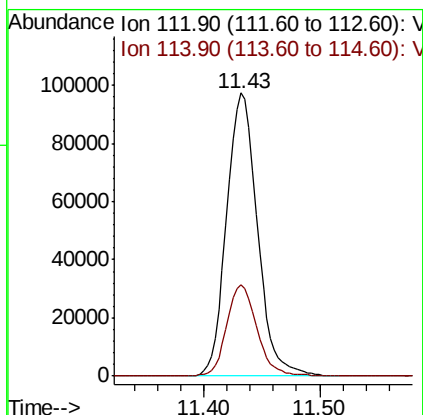
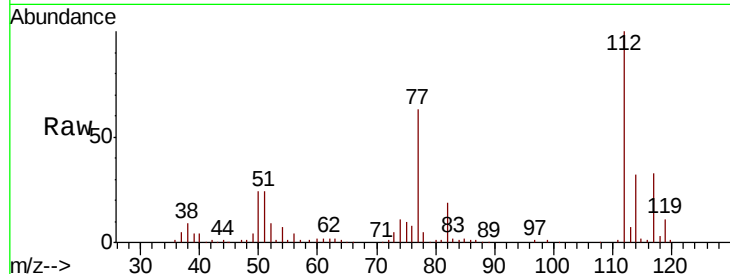




#65
Chlorobenzene
Concen: 19.414 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

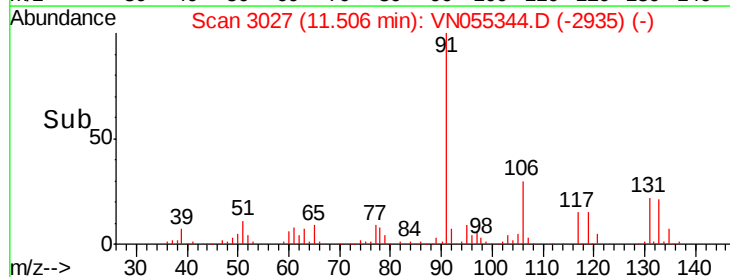
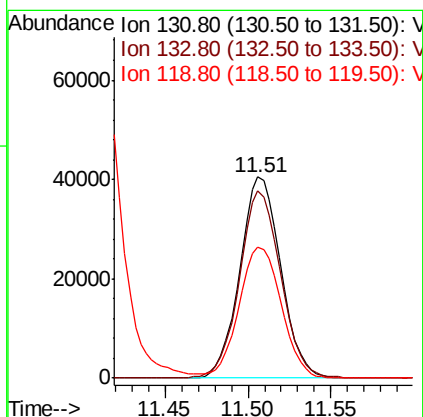
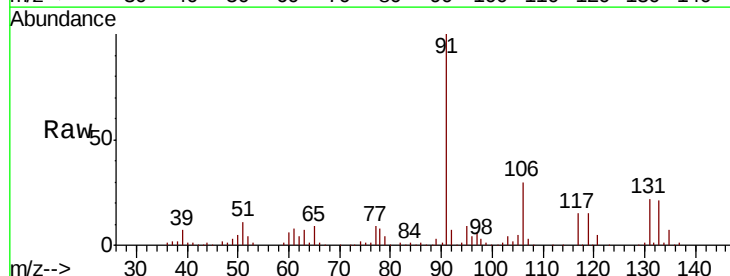
Instrument :
MSVOA_N
ClientSampled :
VN0502WBSD01

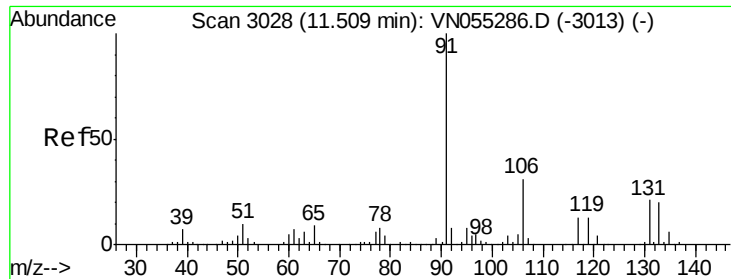
Tot Ion:112 Resp: 178845
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.295 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

Tgt Ion:131 Resp: 69602
Ion Ratio Lower Upper
131 100
133 93.9 47.5 142.6
119 67.8 32.7 98.1

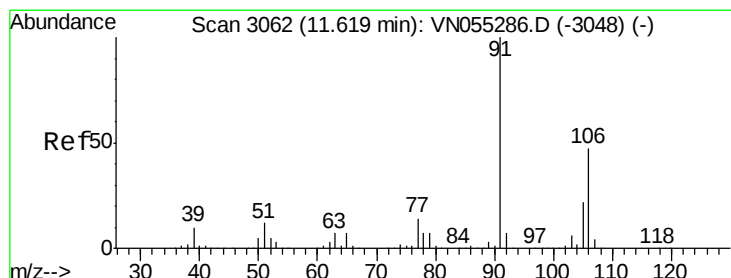
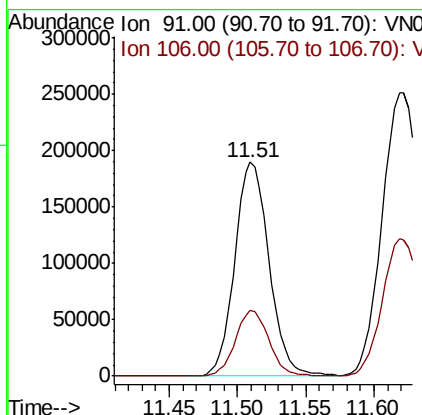
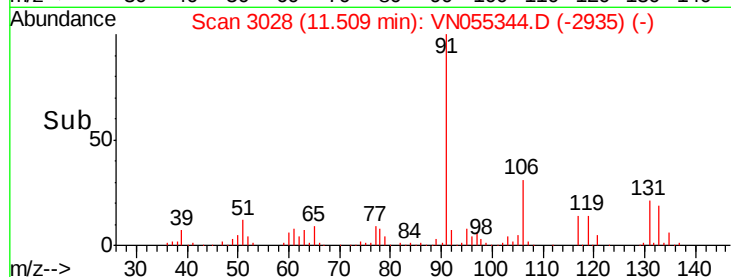
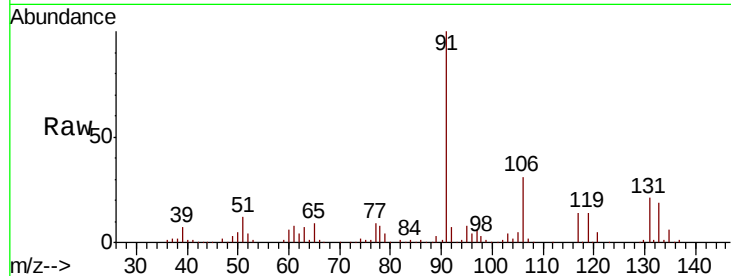




#67
Ethyl Benzene
Concen: 19.967 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

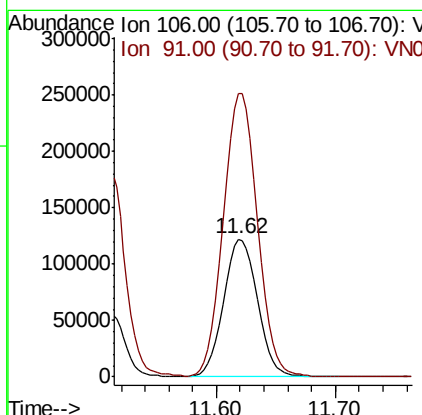
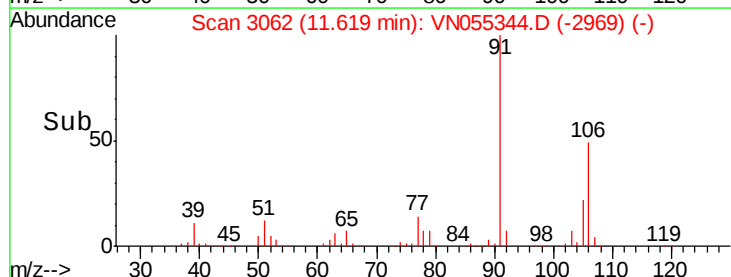
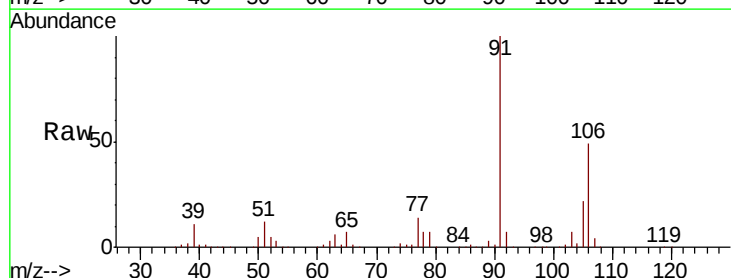
Instrument :
MSVOA_N
ClientSampled :
VN0502WBSD01

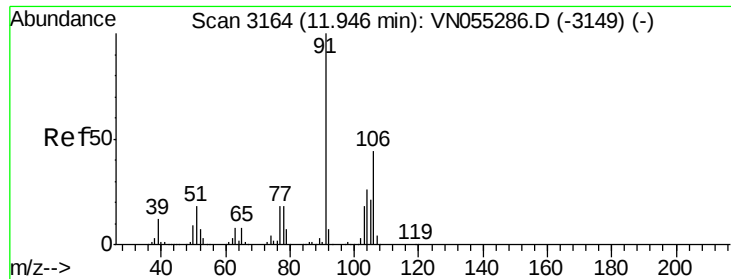
Tot Ion: 91 Resp: 332159
Ion Ratio Lower Upper
91 100
106 30.6 24.6 36.8



#68
m/p-Xylenes
Concen: 40.623 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

Tgt Ion: 106 Resp: 241216
Ion Ratio Lower Upper
106 100
91 207.2 169.5 254.3

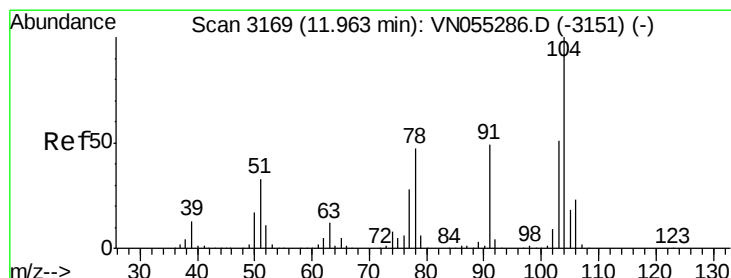
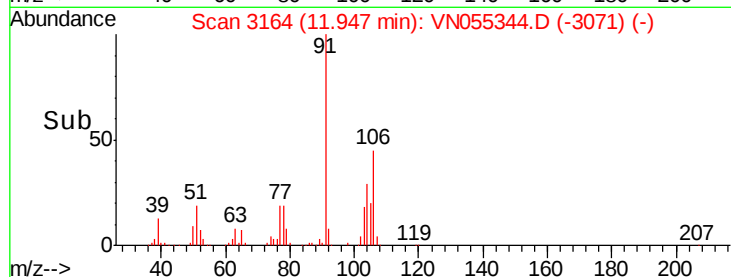
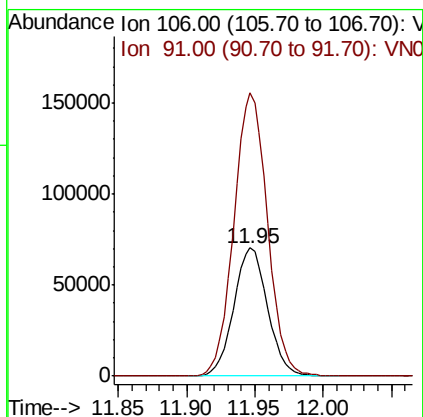
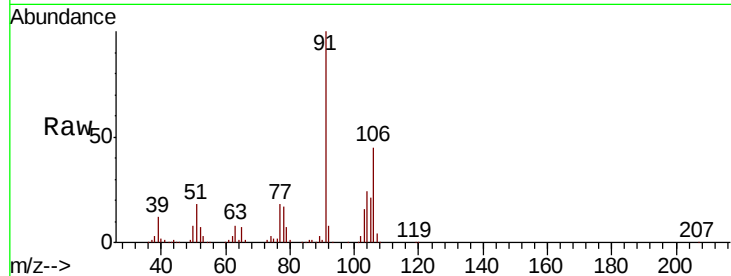




#69
o-Xylene
Concen: 20.622 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

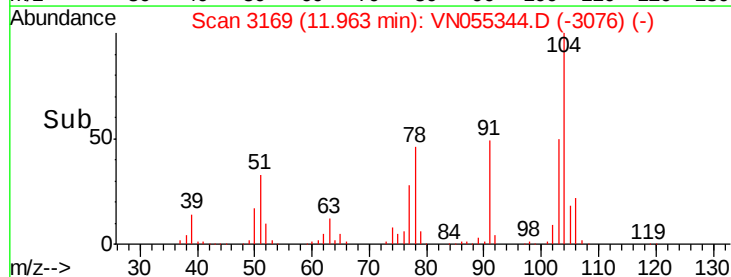
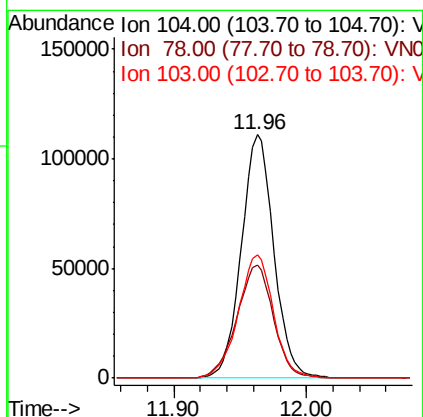
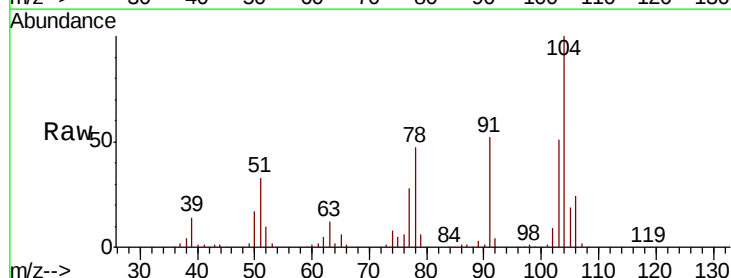
Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01

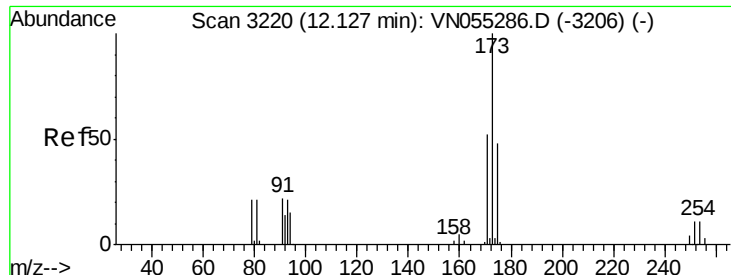
Tot Ion:106 Resp: 121371
Ion Ratio Lower Upper
106 100
91 218.5 111.5 334.5



#70
Styrene
Concen: 20.941 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

Tgt Ion:104 Resp: 189232
Ion Ratio Lower Upper
104 100
78 52.4 42.2 63.2
103 54.8 44.6 67.0

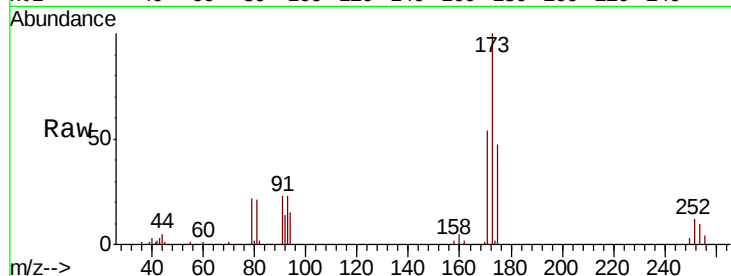




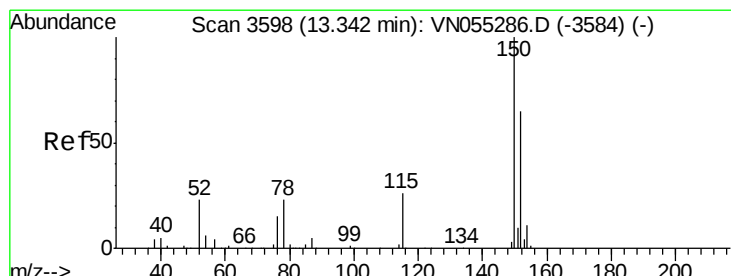
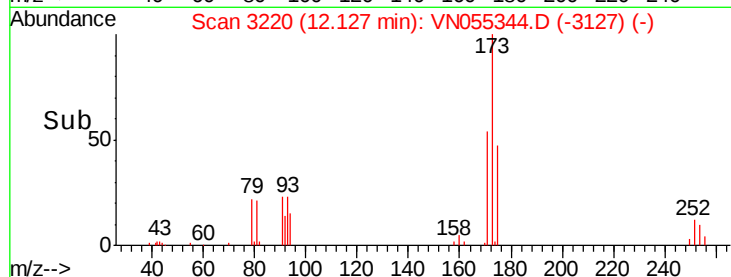
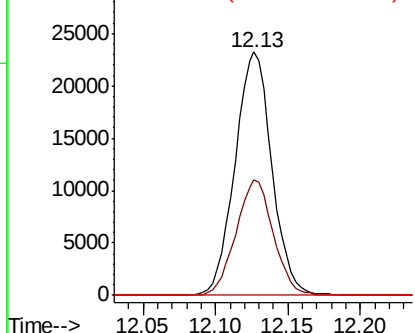
#71
Bromoform
Concen: 20.512 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0502WBSD01

Tot Ion:173 Resp: 41058
Ion Ratio Lower Upper
173 100
175 47.8 23.6 71.0
254 0.0 0.0 0.0

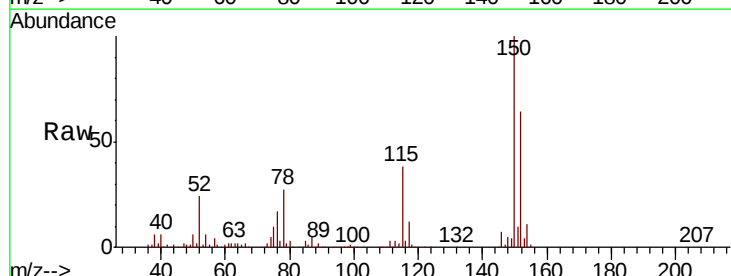


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

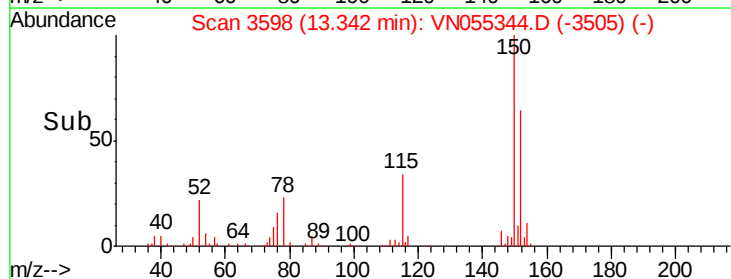
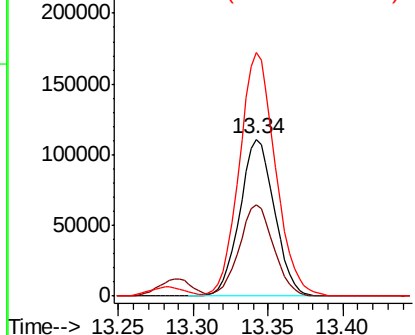


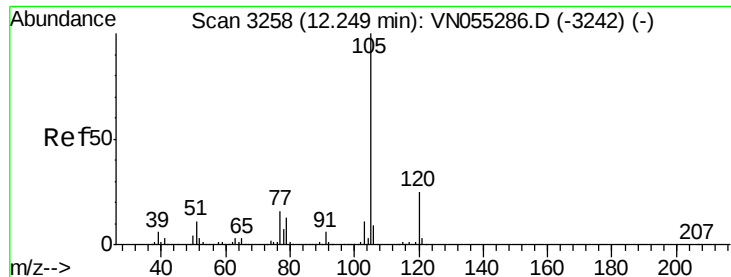
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

Tgt Ion:152 Resp: 178509
Ion Ratio Lower Upper
152 100
115 58.1 29.0 87.0
150 161.9 0.0 345.6



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





#73

Isopropylbenzene

Concen: 20.119 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

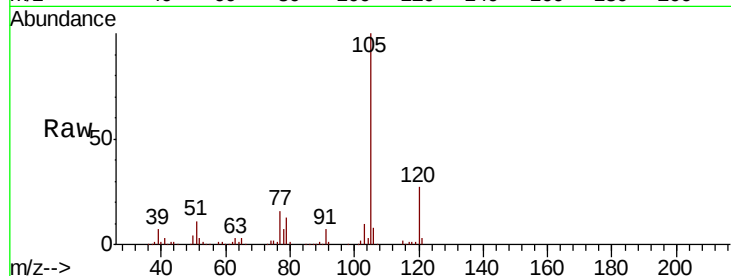
VN0502WBSD01

Tot Ion:105 Resp: 312606

Ion Ratio Lower Upper

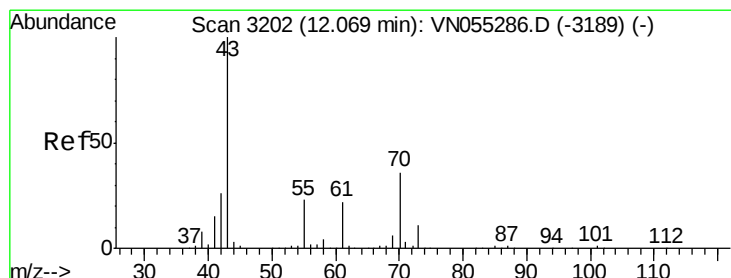
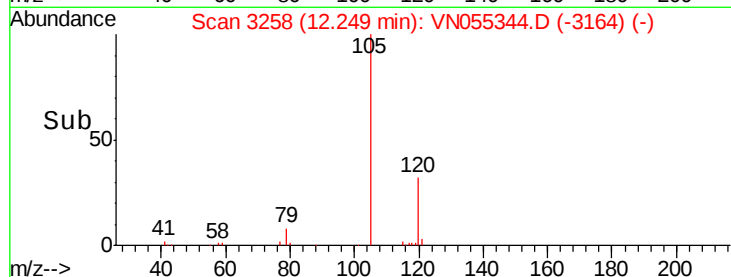
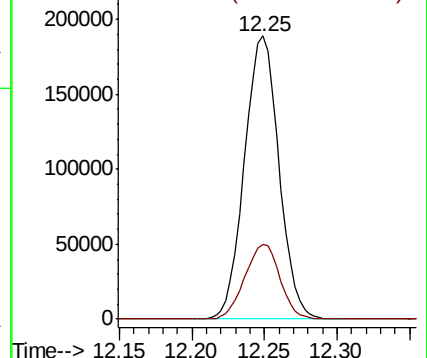
105 100

120 27.0 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.380 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

Tgt Ion: 43 Resp: 88785

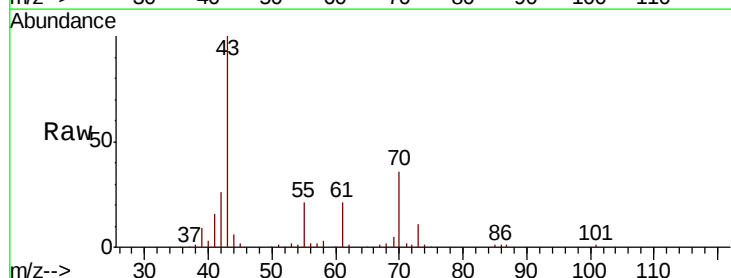
Ion Ratio Lower Upper

43 100

70 36.5 27.9 41.9

55 21.9 18.2 27.2

61 20.8 16.9 25.3

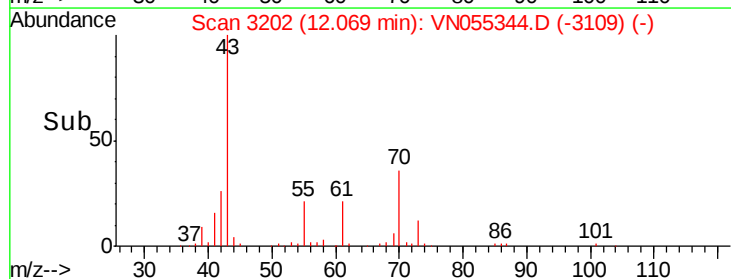
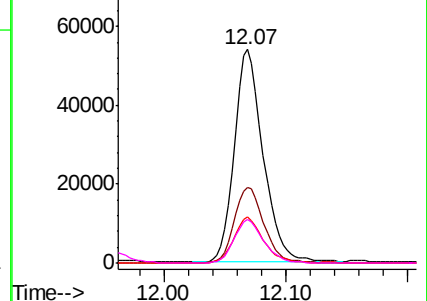


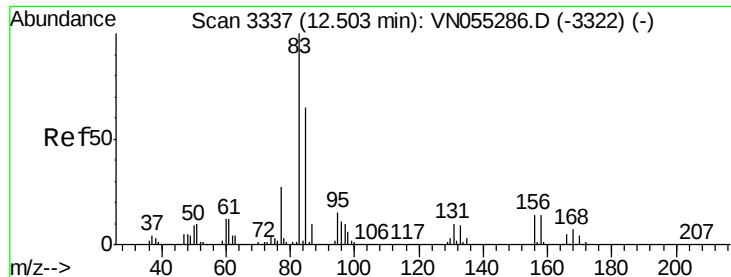
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.225 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBSD01

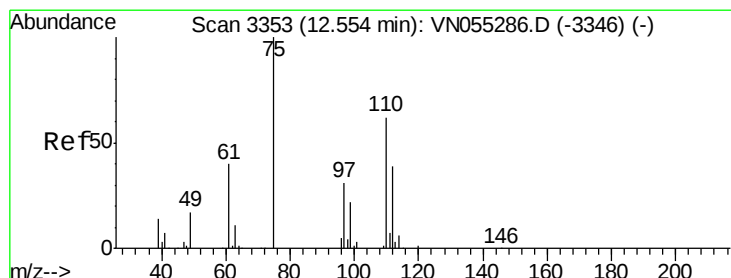
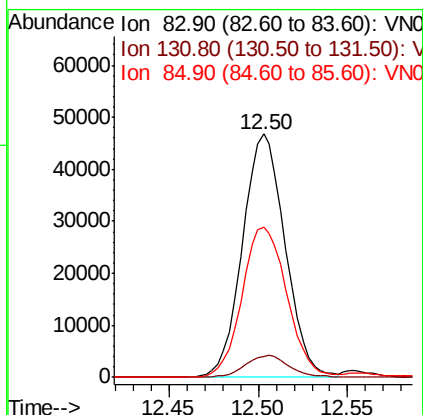
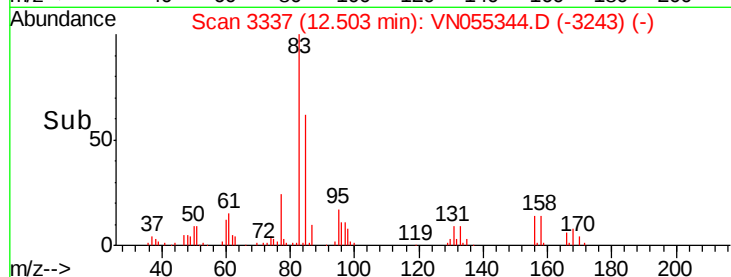
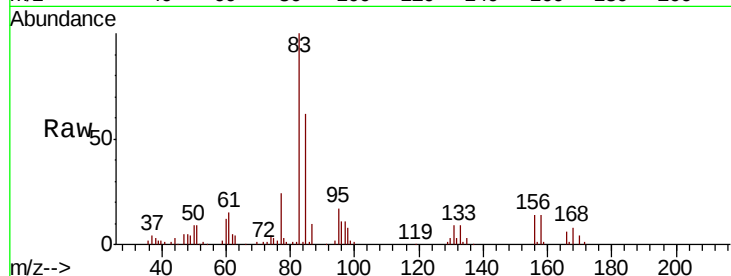
Tot Ion: 83 Resp: 78232

Ion Ratio Lower Upper

83 100

131 9.3 5.1 15.2

85 64.8 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 28.237 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055344.D

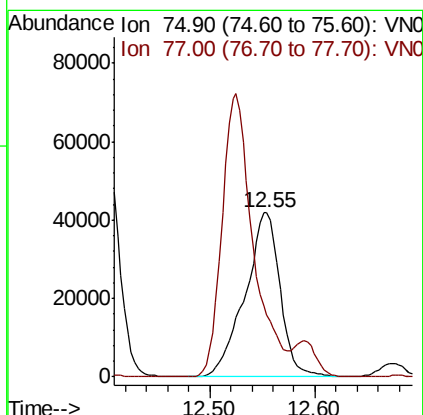
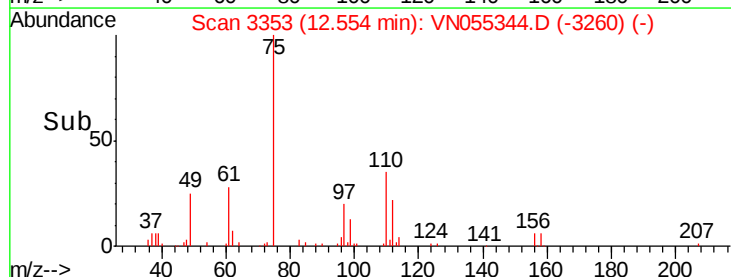
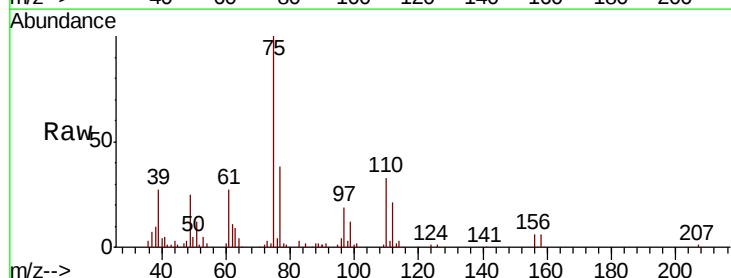
Acq: 2 May 2019 12:28

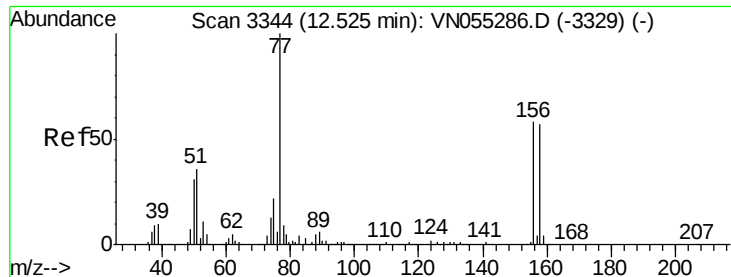
Tgt Ion: 75 Resp: 97328

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.613 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBSD01

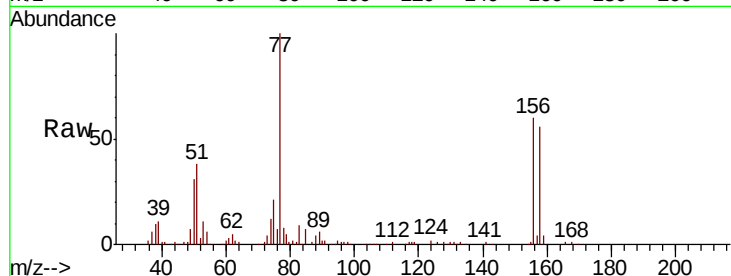
Tot Ion:156 Resp: 74610

Ion	Ratio	Lower	Upper
156	100		
77	198.1	99.6	298.8
158	95.6	49.3	147.8

156 100

77 198.1 99.6 298.8

158 95.6 49.3 147.8

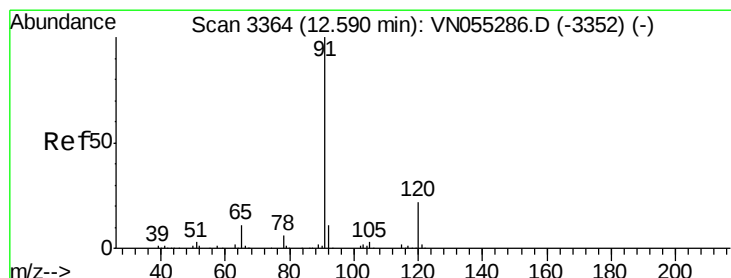
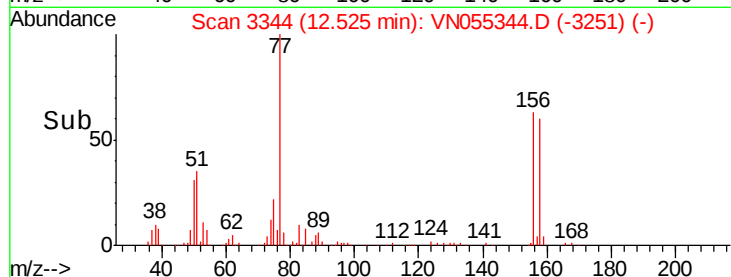
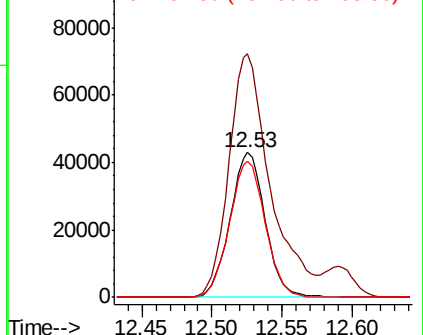


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.498 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055344.D

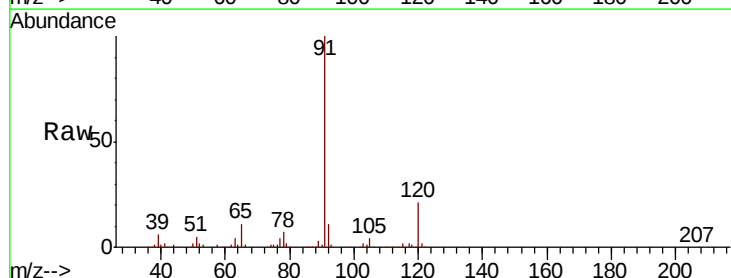
Acq: 2 May 2019 12:28

Tgt Ion: 91 Resp: 339183

Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.0	33.0

91 100

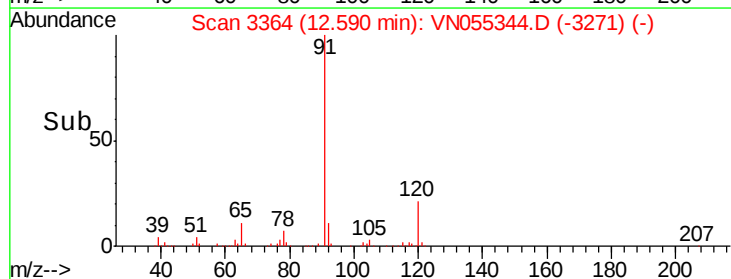
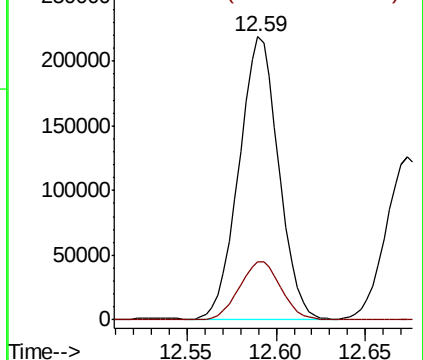
120 21.8 11.0 33.0

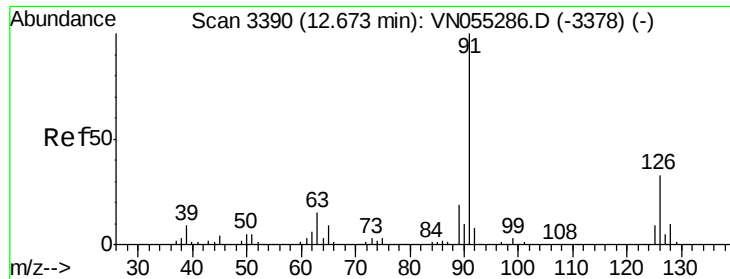


Abundance

Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V

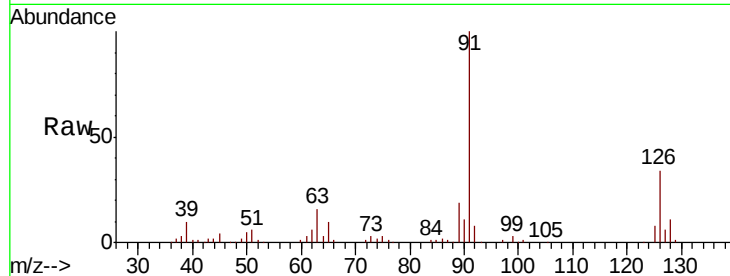




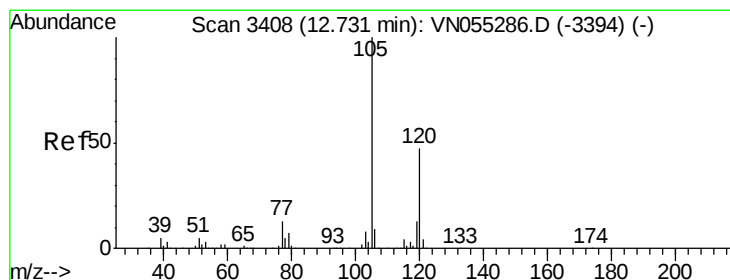
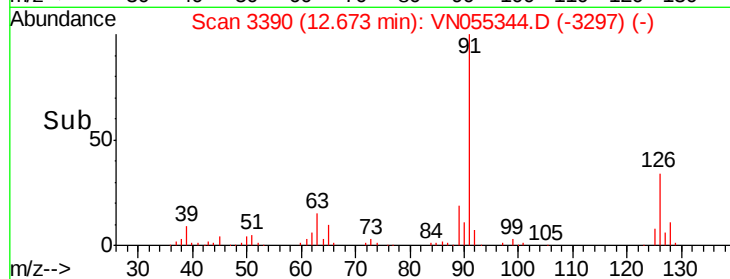
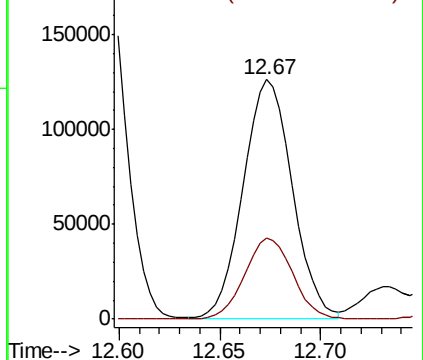
#79
 2-Chlorotoluene
 Concen: 20.655 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN055344.D
 Acq: 2 May 2019 12:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBSD01

Tot Ion: 91 Resp: 214941
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.6 49.7

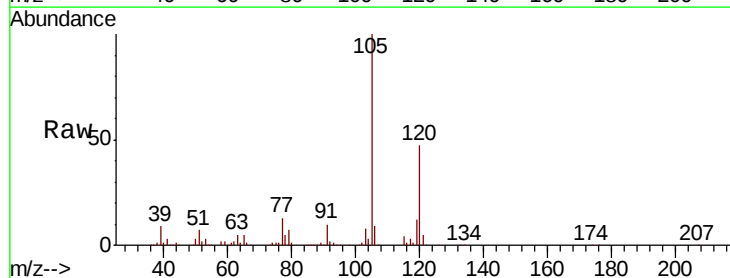


Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3378) (-)
 Ion 125.90 (125.60 to 126.60): VN055286.D (-3378) (-)

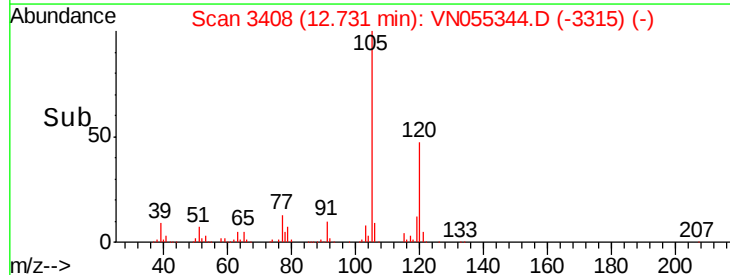
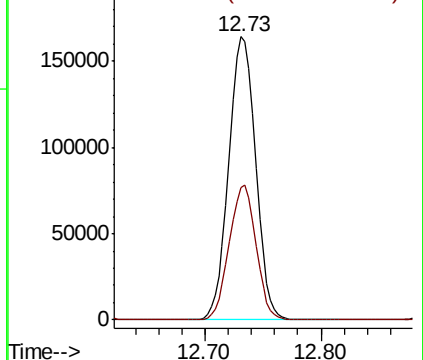


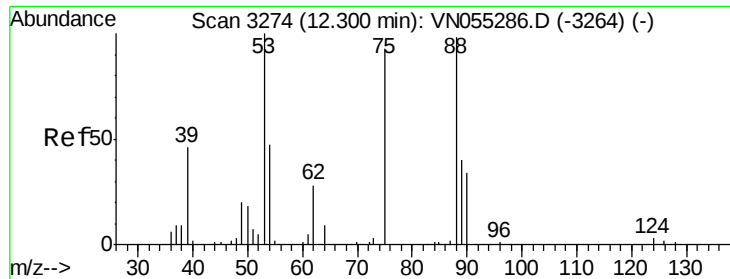
#80
 1,3,5-Trimethylbenzene
 Concen: 18.787 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055344.D
 Acq: 2 May 2019 12:28

Tgt Ion: 105 Resp: 262912
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN055286.D (-3394) (-)
 Ion 120.00 (119.70 to 120.70): VN055286.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.196 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBSD01

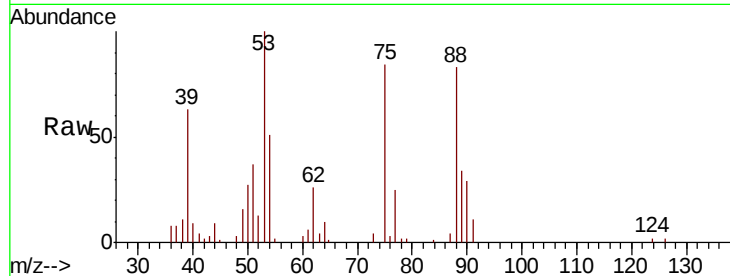
Tot Ion: 75 Resp: 18082

Ion Ratio Lower Upper

75 100

53 118.1 86.3 129.5

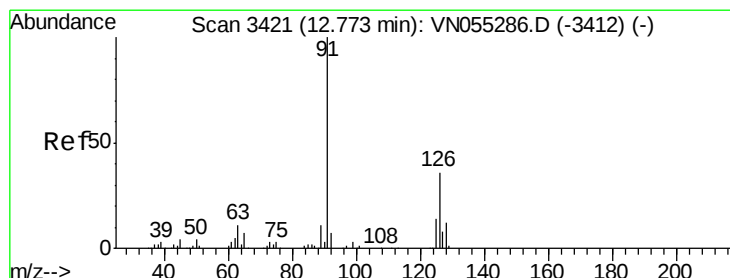
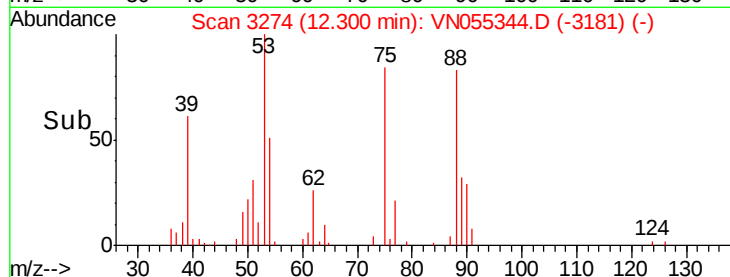
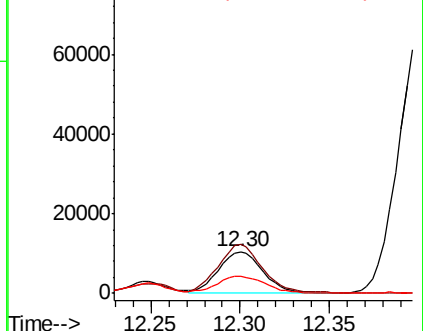
89 45.0 34.6 51.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.700 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055344.D

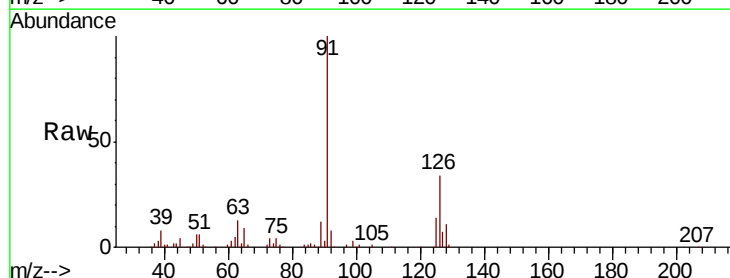
Acq: 2 May 2019 12:28

Tgt Ion: 91 Resp: 199375

Ion Ratio Lower Upper

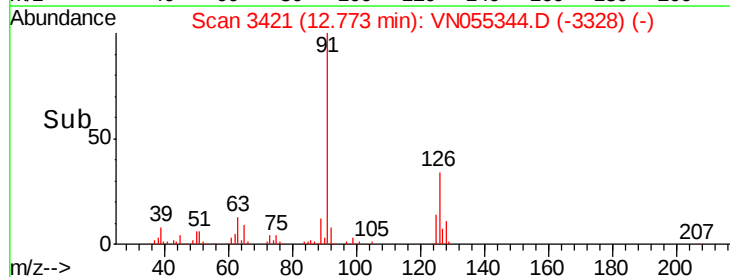
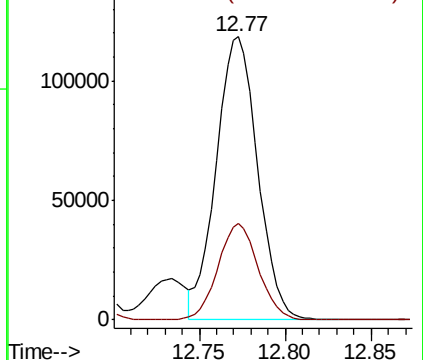
91 100

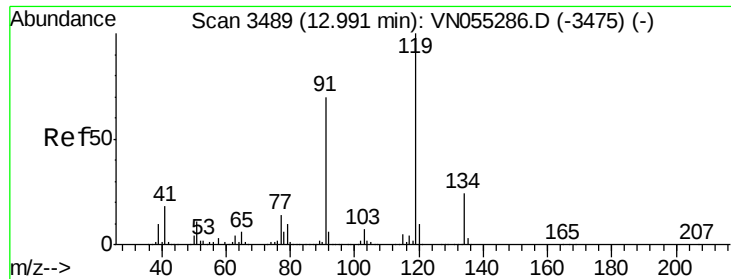
126 33.2 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

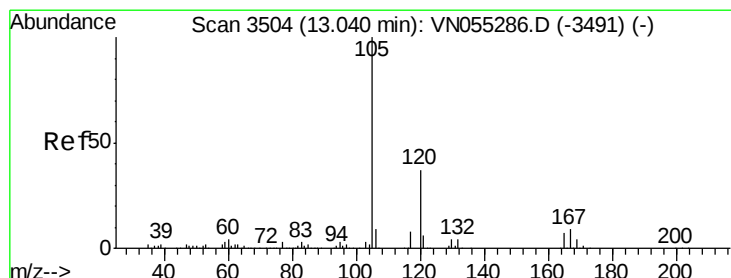
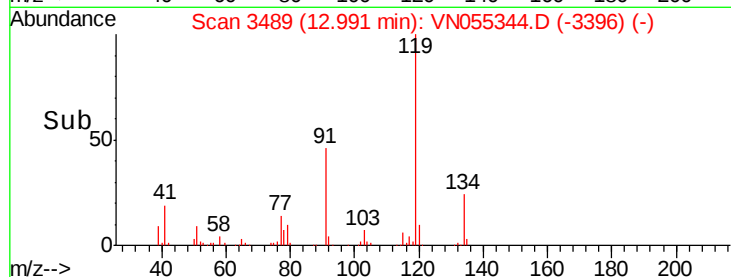
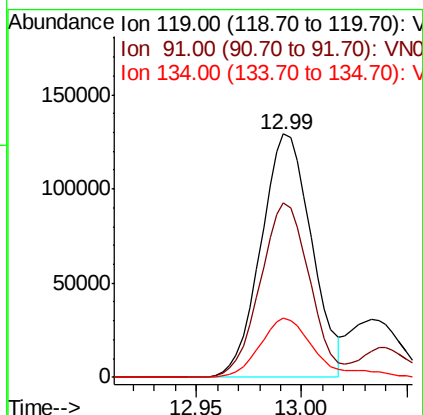
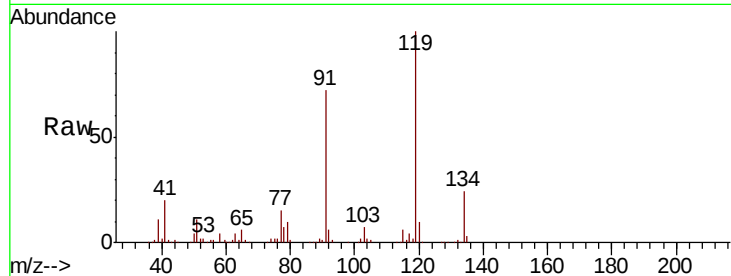




#83
tert-Butylbenzene
Concen: 20.033 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

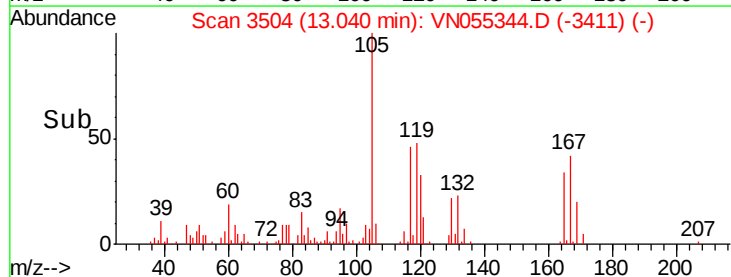
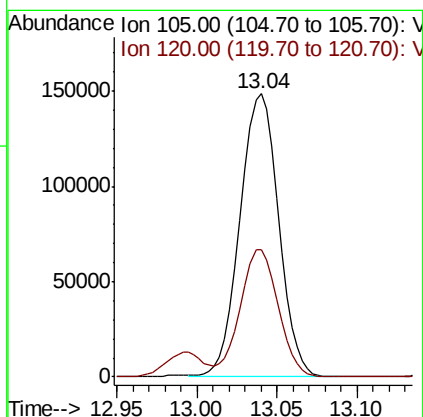
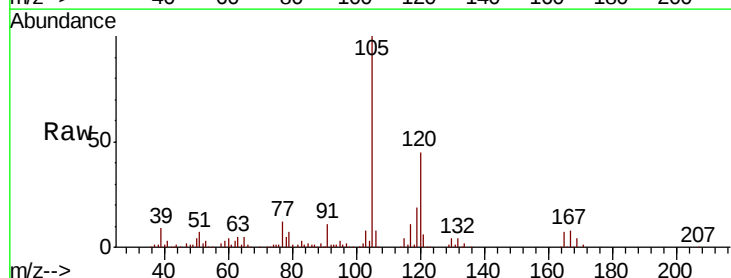
Instrument :
MSVOA_N
ClientSampled :
VN0502WBSD01

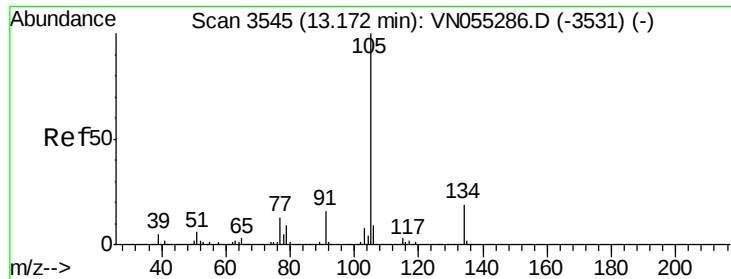
Tot Ion:119 Resp: 215715
Ion Ratio Lower Upper
119 100
91 70.1 34.3 102.9
134 26.7 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 19.531 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055344.D
Acq: 2 May 2019 12:28

Tgt Ion:105 Resp: 244448
Ion Ratio Lower Upper
105 100
120 44.2 22.1 66.5





#85

sec-Butylbenzene

Concen: 18.379 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

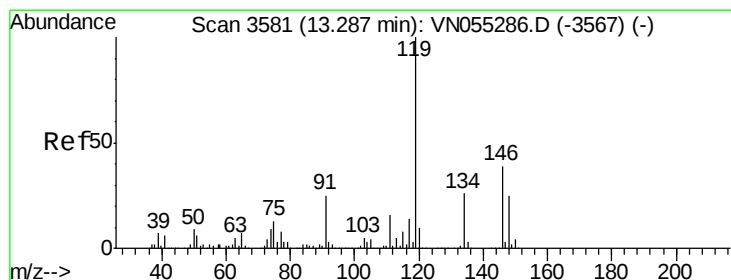
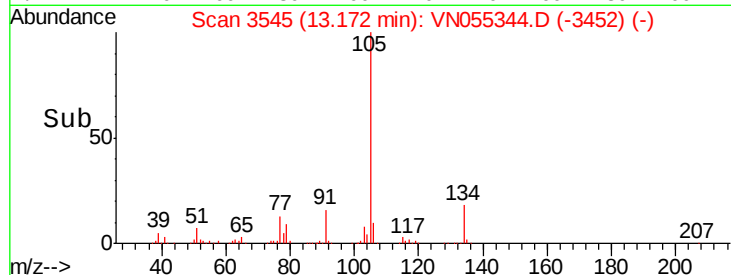
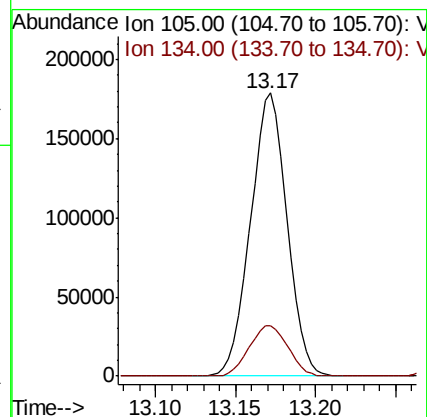
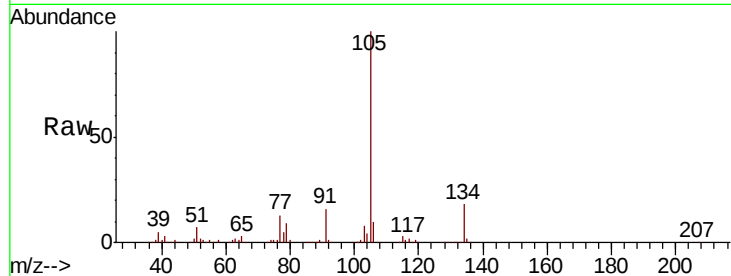
VN0502WBSD01

Tot Ion:105 Resp: 279551

Ion Ratio Lower Upper

105 100

134 18.9 9.6 28.8



#86

p-Isopropyltoluene

Concen: 18.835 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

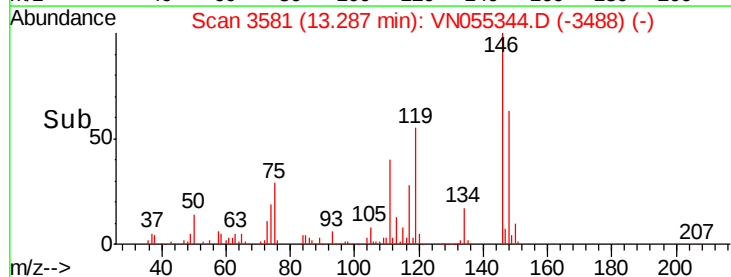
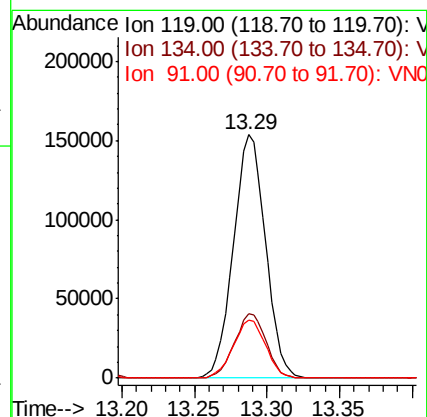
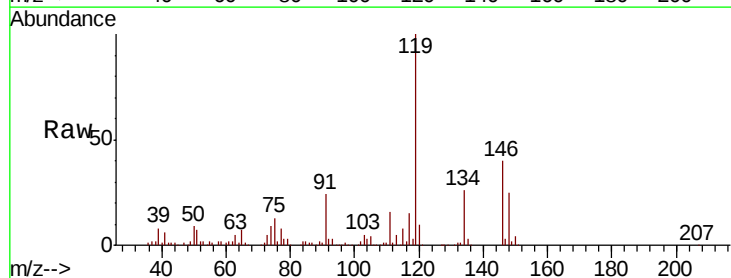
Tgt Ion:119 Resp: 235476

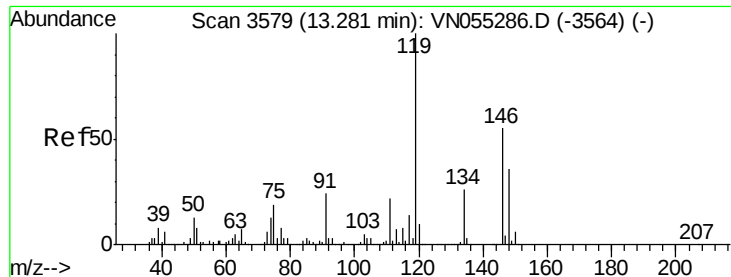
Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

91 24.1 12.2 36.6

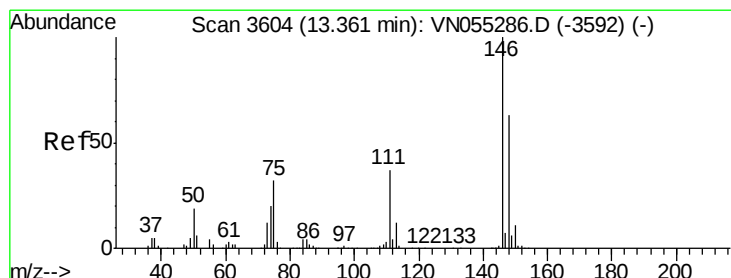
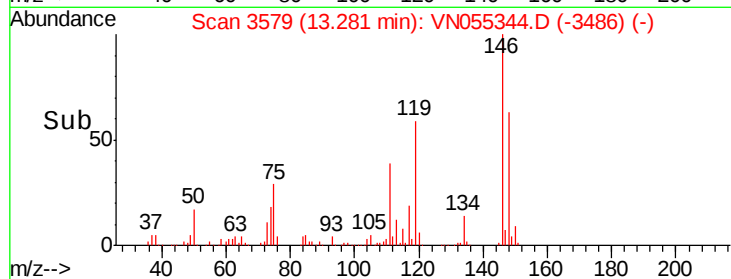
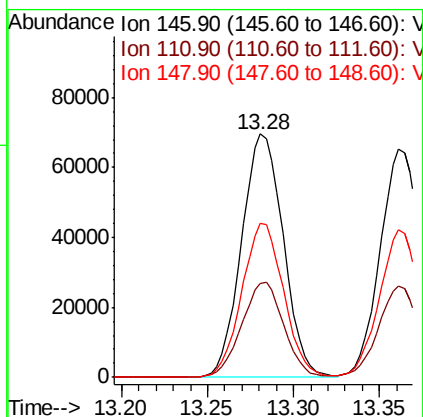
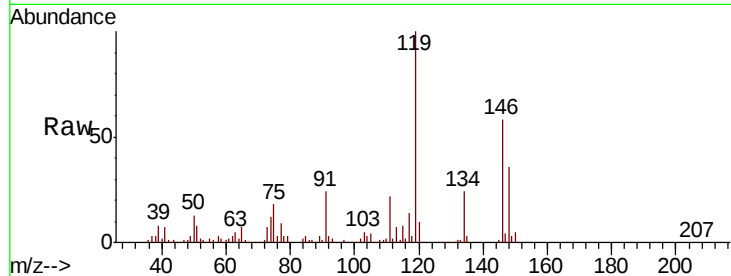




#87
 1,3-Dichlorobenzene
 Concen: 19.629 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055344.D
 Acq: 2 May 2019 12:28

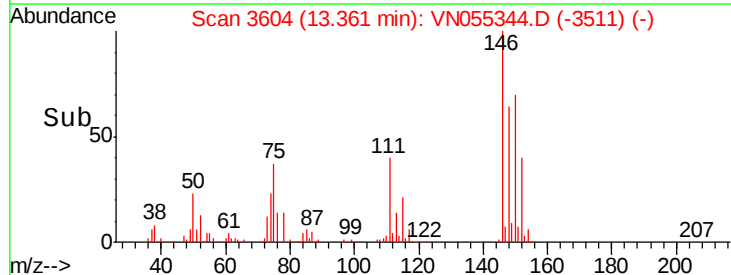
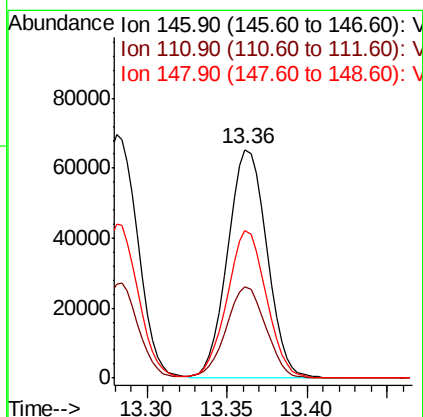
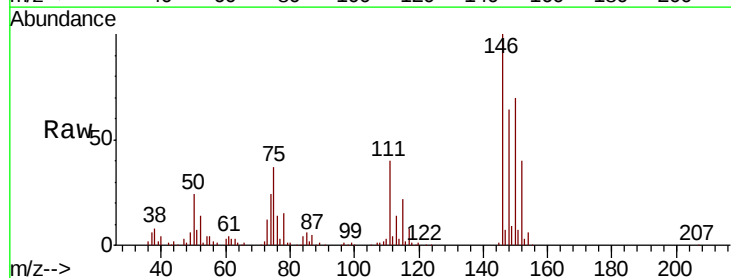
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBSD01

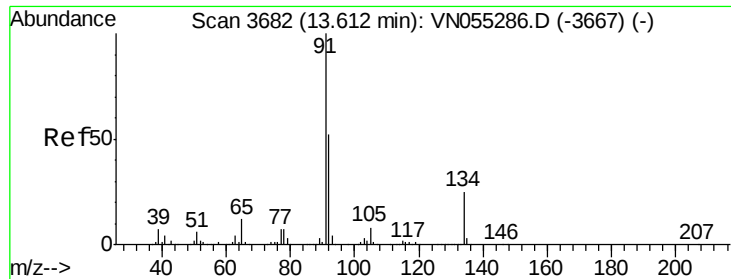
Tot Ion:146 Resp: 117253
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.3 60.8
 148 63.2 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 19.440 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055344.D
 Acq: 2 May 2019 12:28

Tgt Ion:146 Resp: 109356
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.5 58.5
 148 64.6 32.5 97.4





#89

n-Butylbenzene

Concen: 18.464 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

Instrument :

MSVOA_N

ClientSampled :

VN0502WBSD01

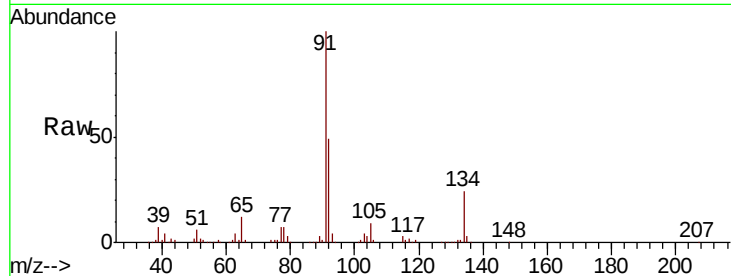
Tot Ion: 91 Resp: 164031

Ion Ratio Lower Upper

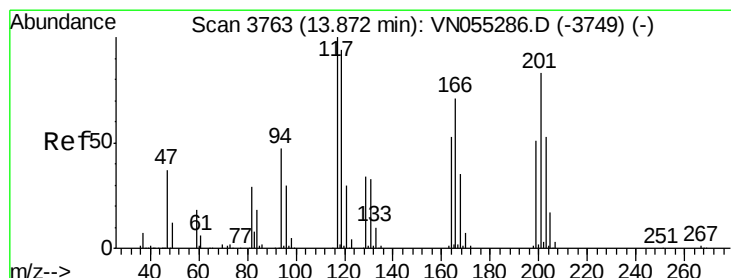
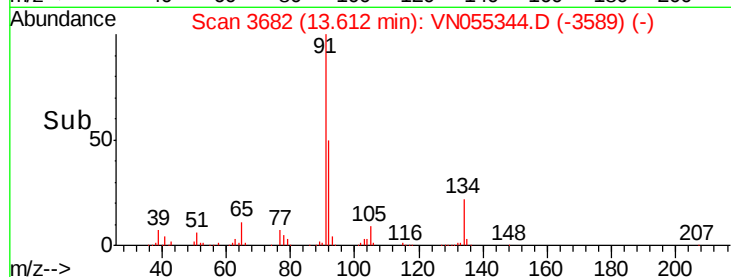
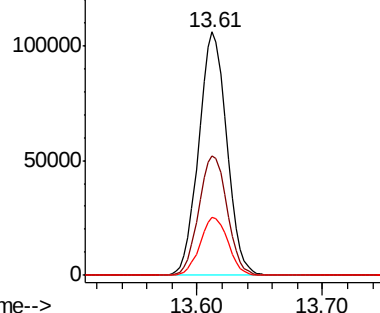
91 100

92 49.6 26.1 78.3

134 23.9 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3667) (-)



#90

Hexachloroethane

Concen: 19.182 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055344.D

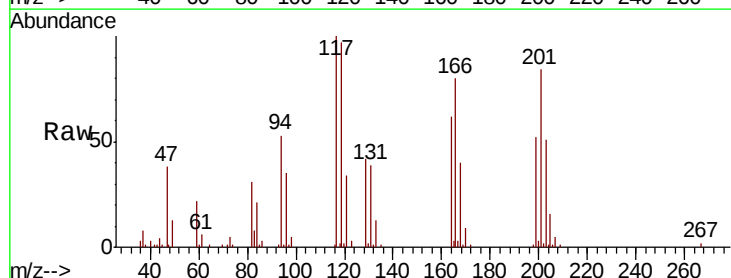
Acq: 2 May 2019 12:28

Tgt Ion: 117 Resp: 39894

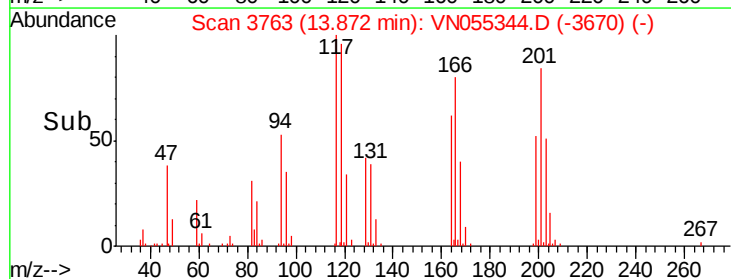
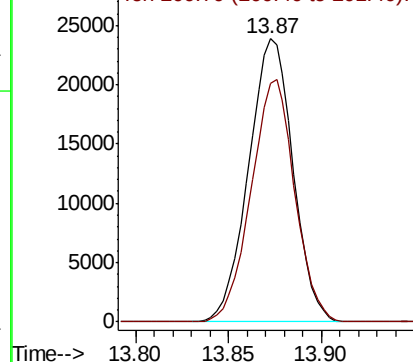
Ion Ratio Lower Upper

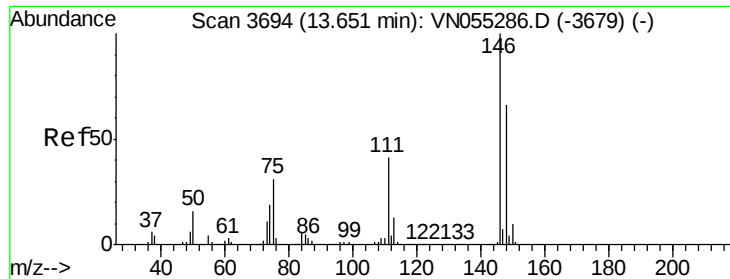
117 100

201 84.0 41.9 125.8



Abundance Ion 116.80 (116.50 to 117.50): VN055286.D (-3749) (-)

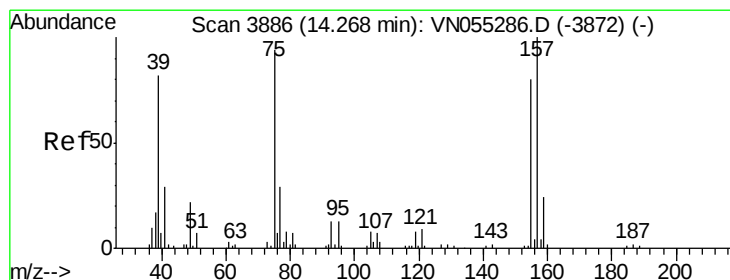
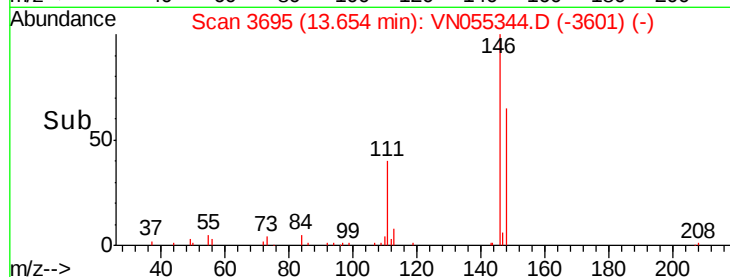
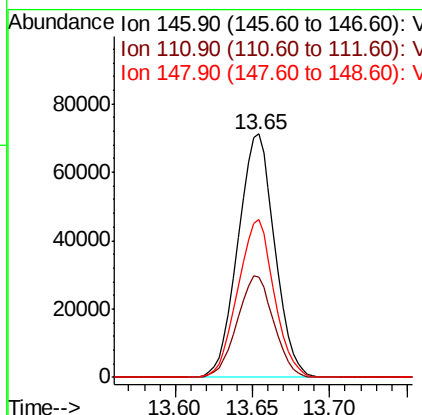
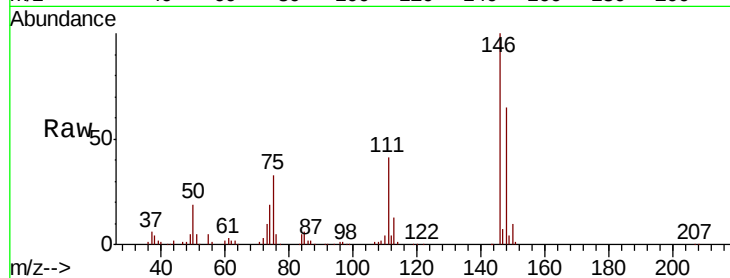




#91
 1,2-Dichlorobenzene
 Concen: 19.887 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN055344.D
 Acq: 2 May 2019 12:28

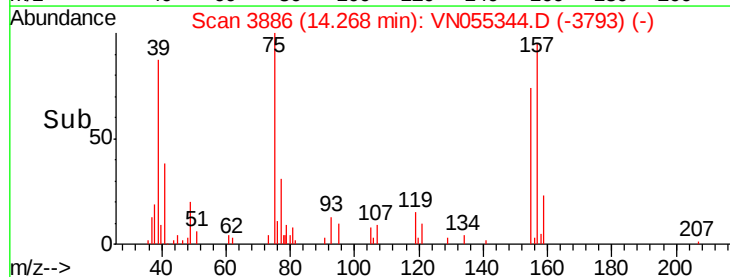
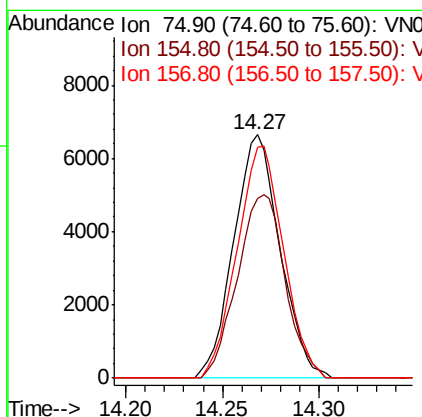
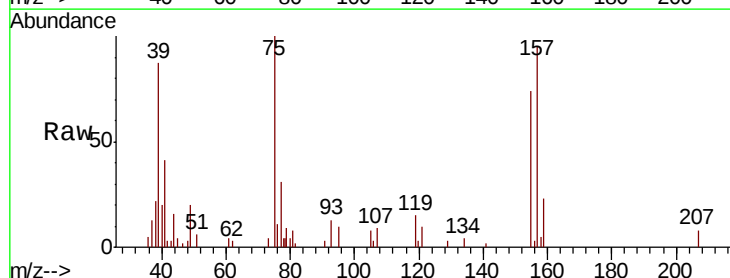
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBSD01

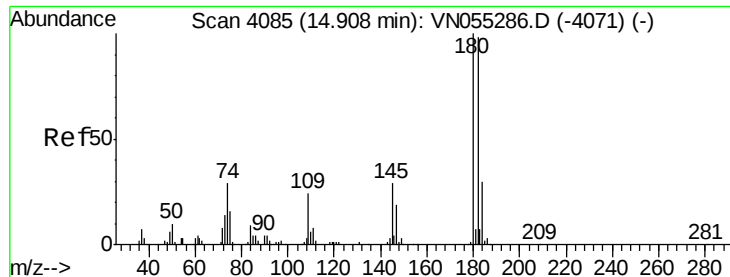
Tot Ion:146 Resp: 117739
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.3 61.0
 148 64.1 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.551 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN055344.D
 Acq: 2 May 2019 12:28

Tgt Ion: 75 Resp: 11060
 Ion Ratio Lower Upper
 75 100
 155 77.9 41.5 124.6
 157 95.6 54.0 162.2

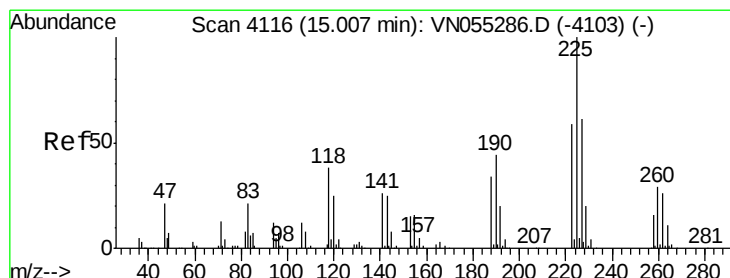
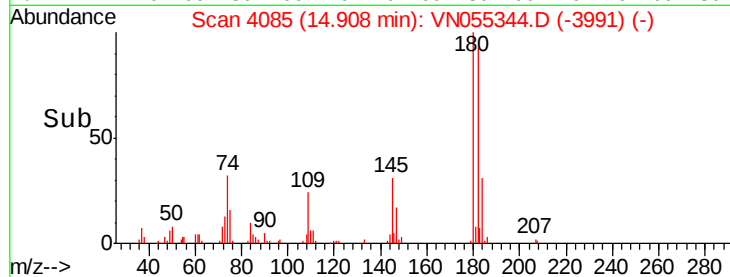
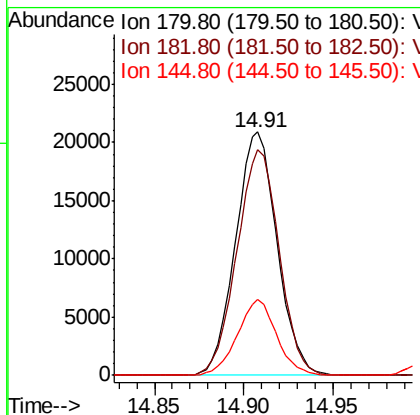
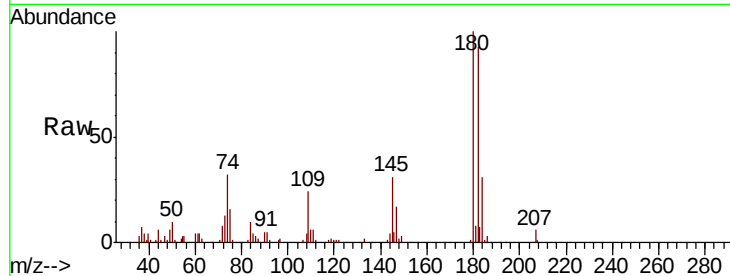




#93
 1,2,4-Trichlorobenzene
 Concen: 16.864 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055344.D
 Acq: 2 May 2019 12:28

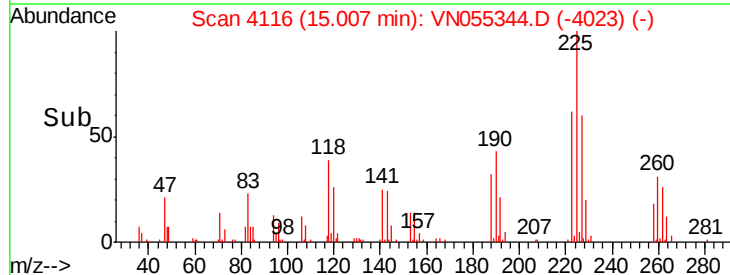
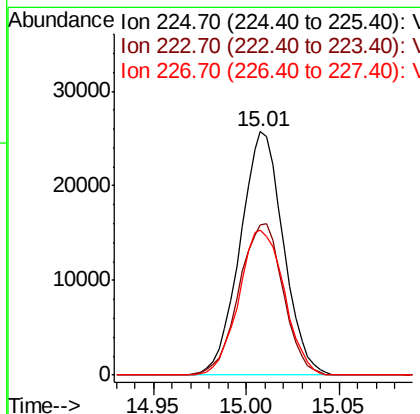
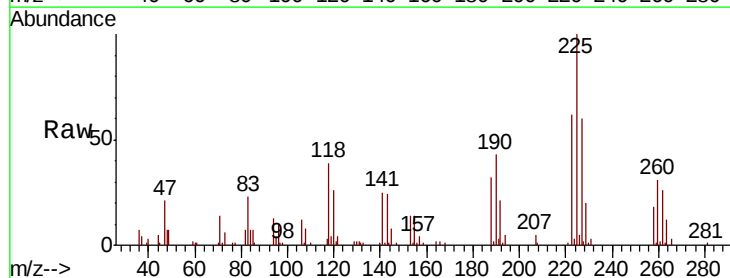
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBSD01

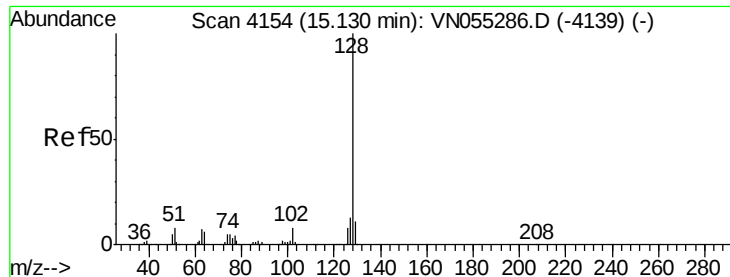
Tot Ion:180 Resp: 33876
 Ion Ratio Lower Upper
 180 100
 182 94.1 48.3 144.9
 145 29.3 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 21.862 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055344.D
 Acq: 2 May 2019 12:28

Tgt Ion:225 Resp: 41753
 Ion Ratio Lower Upper
 225 100
 223 63.8 30.3 90.8
 227 62.4 30.9 92.7





#95

Naphthalene

Concen: 16.472 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0502WBSD01

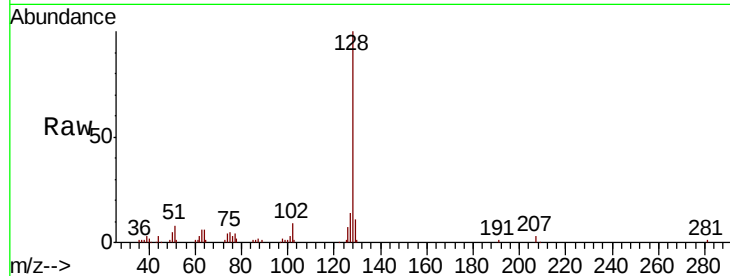
Tot Ion:128 Resp: 69866

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

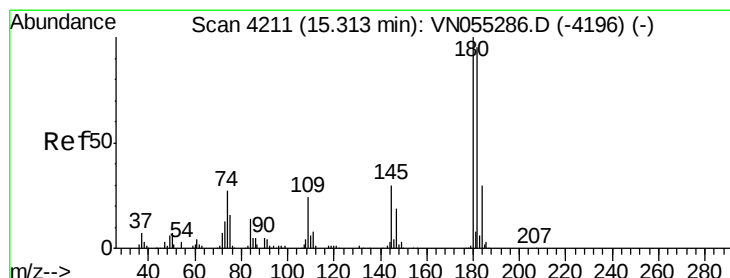
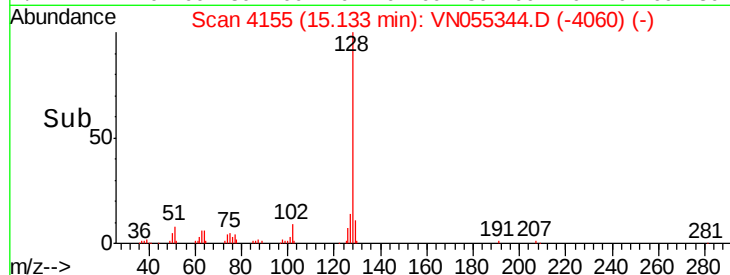
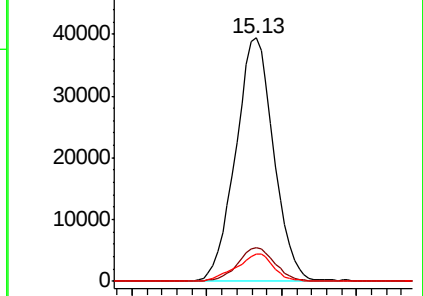
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.515 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055344.D

Acq: 2 May 2019 12:28

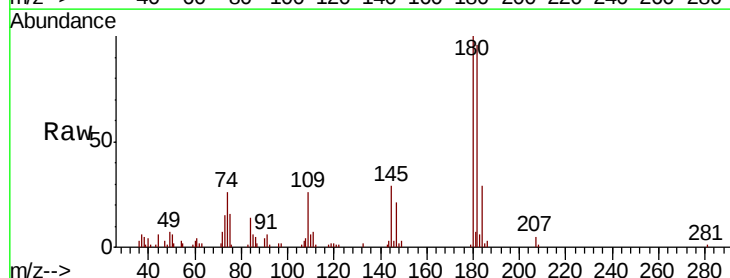
Tgt Ion:180 Resp: 38567

Ion Ratio Lower Upper

180 100

182 93.6 48.3 144.9

145 30.2 15.2 45.6



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

