

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050619\
 Data File : VN055408.D
 Acq On : 6 May 2019 10:44
 Operator : JC/SP
 Sample : VN0506WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506WBS01

Quant Time: May 07 01:07:07 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	403919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	642907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	541243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	203025	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	265613	50.27	ug/l	0.00
Spiked Amount			Recovery	=	100.54%	
35) Dibromofluoromethane	7.59	113	211558	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	
50) Toluene-d8	10.09	98	758945	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	12.40	95	243241	51.08	ug/l	0.00
Spiked Amount			Recovery	=	102.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	93589	18.911	ug/l	100
3) Chloromethane	2.06	50	105240	17.174	ug/l	99
4) Vinyl Chloride	2.19	62	93727	18.974	ug/l	99
5) Bromomethane	2.57	94	51495	19.681	ug/l	98
6) Chloroethane	2.71	64	52432	19.594	ug/l	100
7) Trichlorofluoromethane	3.02	101	139462	19.855	ug/l	98
8) Diethyl Ether	3.41	74	48858	19.882	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.77	101	81012	19.368	ug/l	99
10) Methyl Iodide	3.96	142	108179	18.378	ug/l	97
11) Tert butyl alcohol	4.78	59	29010	95.890	ug/l	100
12) 1,1-Dichloroethene	3.74	96	77323	19.379	ug/l	98
13) Acrolein	3.62	56	14309	60.563	ug/l	99
14) Allyl chloride	4.33	41	161055	19.489	ug/l	100
15) Acrylonitrile	5.00	53	167523	98.513	ug/l	100
16) Acetone	3.82	43	159016	96.579	ug/l	97
17) Carbon Disulfide	4.06	76	178491	17.141	ug/l	99
18) Methyl Acetate	4.33	43	86863	21.057	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	226519	20.194	ug/l	98
20) Methylene Chloride	4.55	84	90624	18.032	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	78929	18.678	ug/l	95
22) Diisopropyl ether	5.95	45	345341	21.033	ug/l	94
23) Vinyl Acetate	5.90	43	1064975	98.964	ug/l	100
24) 1,1-Dichloroethane	5.85	63	175827	20.098	ug/l	99
25) 2-Butanone	6.84	43	211454	100.423	ug/l	99
26) 2,2-Dichloropropane	6.83	77	122224	20.232	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	96864	20.157	ug/l	98
28) Bromochloromethane	7.20	49	88914	20.163	ug/l	98
29) Tetrahydrofuran	7.22	42	136458	101.208	ug/l	96
30) Chloroform	7.37	83	168554	20.325	ug/l	99
31) Cyclohexane	7.66	56	158184	19.031	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	132072	19.623	ug/l	98
36) 1,1-Dichloropropene	7.79	75	115742	18.795	ug/l	99
37) Ethyl Acetate	6.93	43	85249	18.063	ug/l	98
38) Carbon Tetrachloride	7.78	117	112182	18.885	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	125662	19.193	ug/l	98
40) Benzene	8.04	78	363147	20.004	ug/l	99
41) Methacrylonitrile	7.18	41	55413	22.113	ug/l #	90
42) 1,2-Dichloroethane	8.13	62	124372	19.344	ug/l	99
43) Isopropyl Acetate	8.17	43	150602	19.856	ug/l #	89
44) Trichloroethene	8.84	130	89302	19.297	ug/l	97
45) 1,2-Dichloropropane	9.12	63	102920	19.657	ug/l	97
46) Dibromomethane	9.21	93	55524	19.401	ug/l	99
47) Bromodichloromethane	9.40	83	123828	20.169	ug/l	100
48) Methyl methacrylate	9.20	41	70913	19.018	ug/l	99
49) 1,4-Dioxane	9.20	88	14089	365.526	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	425544	99.652	ug/l	98
52) Toluene	10.15	92	205545	19.734	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	106639	20.008	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	135275	20.357	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	77361	20.001	ug/l	97
56) Ethyl methacrylate	10.43	69	92239	19.375	ug/l	98
57) 1,3-Dichloropropane	10.71	76	137502	20.265	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	84840	66.977	ug/l	99
59) 2-Hexanone	10.75	43	267034	99.942	ug/l	97
60) Dibromochloromethane	10.90	129	79818	20.191	ug/l	99
61) 1,2-Dibromoethane	11.00	107	69266	19.375	ug/l	100
64) Tetrachloroethene	10.63	164	90022	20.339	ug/l	98
65) Chlorobenzene	11.43	112	207715	19.629	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	81326	19.627	ug/l	99
67) Ethyl Benzene	11.51	91	383934	20.092	ug/l	100
68) m/p-Xylenes	11.62	106	278087	40.770	ug/l	98
69) o-Xylene	11.95	106	135015	19.971	ug/l	97
70) Styrene	11.96	104	216031	20.812	ug/l	98
71) Bromoform	12.12	173	48005	20.879	ug/l #	99
73) Isopropylbenzene	12.25	105	370929	21.136	ug/l	100
74) N-amyl acetate	12.07	43	90400	17.350	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	88650	20.139	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	104717	26.569	ug/l #	100
77) Bromobenzene	12.53	156	85260	20.722	ug/l	99
78) n-propylbenzene	12.59	91	399380	19.150	ug/l	100
79) 2-Chlorotoluene	12.67	91	252289	21.406	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	308473	19.381	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	19531	18.231	ug/l	91
82) 4-Chlorotoluene	12.77	91	233447	19.252	ug/l	100
83) tert-Butylbenzene	12.99	119	262950	21.692	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	288923	20.297	ug/l	98
85) sec-Butylbenzene	13.17	105	336035	19.424	ug/l	99
86) p-Isopropyltoluene	13.29	119	282363	19.858	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	132961	19.571	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	126022	19.698	ug/l	99
89) n-Butylbenzene	13.61	91	197271	19.525	ug/l	99
90) Hexachloroethane	13.87	117	46901	19.883	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	133788	19.869	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11315	21.184	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

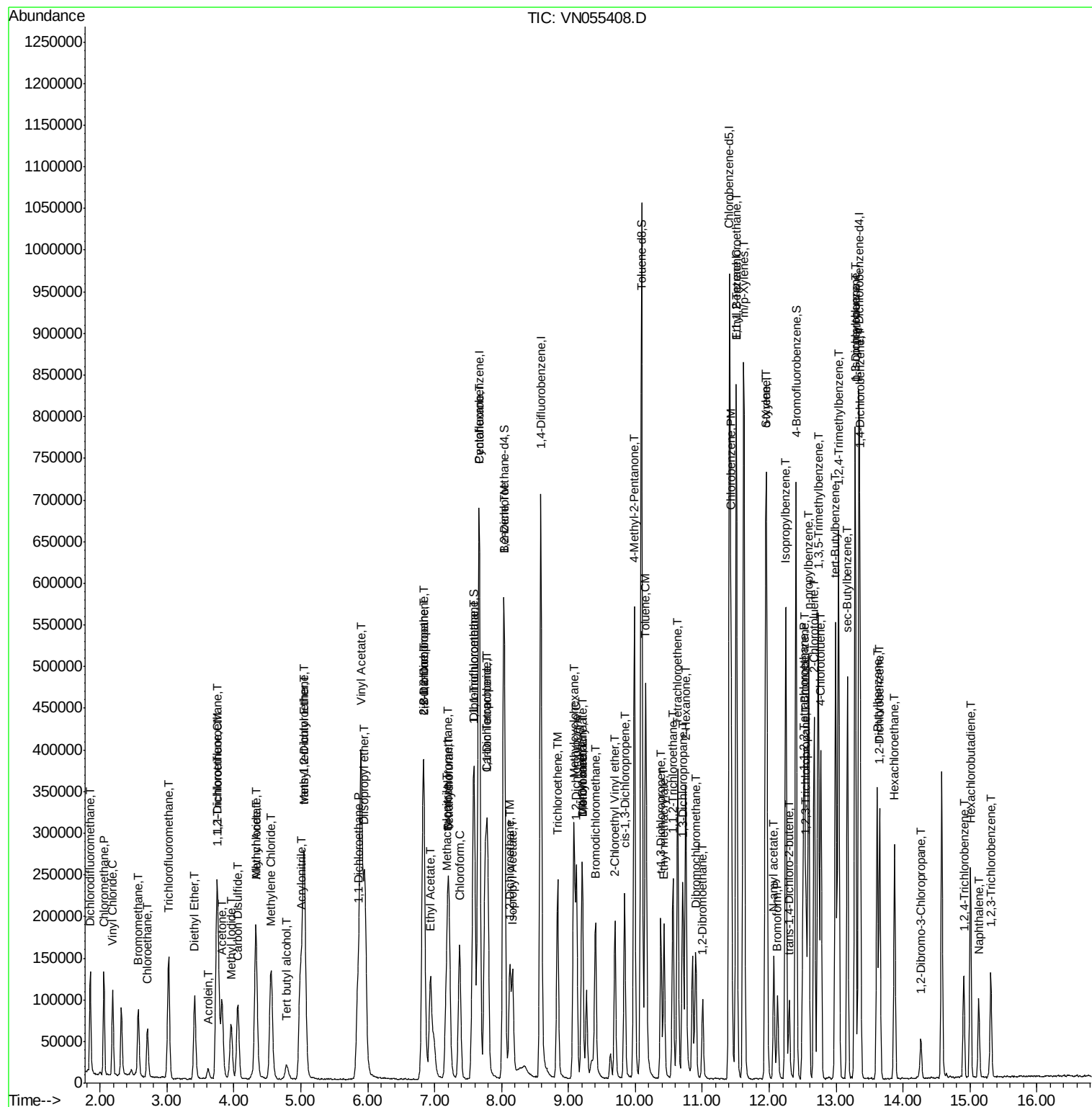
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	39448	17.187	ug/l	96
94) Hexachlorobutadiene	15.01	225	49869	23.107	ug/l	97
95) Naphthalene	15.13	128	78009	16.232	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	42493	18.018	ug/l	98

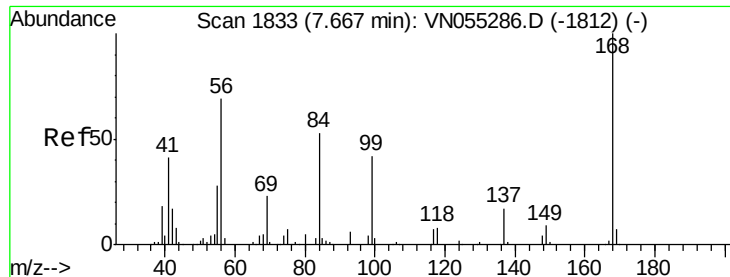
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050619\
Data File : VN055408.D
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Instrument :

MSVOA_N

ClientSampleId :

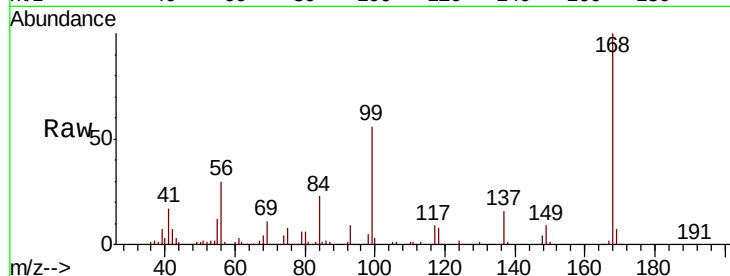
VN0506WBS01

Tot Ion:168 Resp: 403919

Ion Ratio Lower Upper

168 100

99 55.5 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

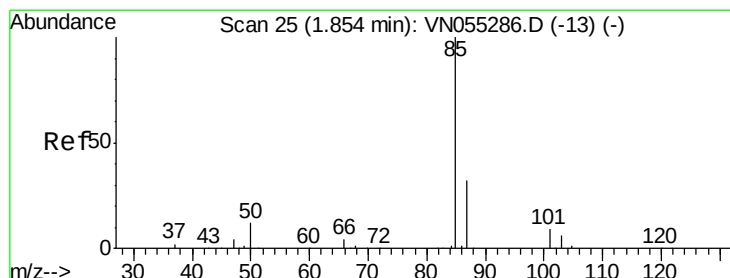
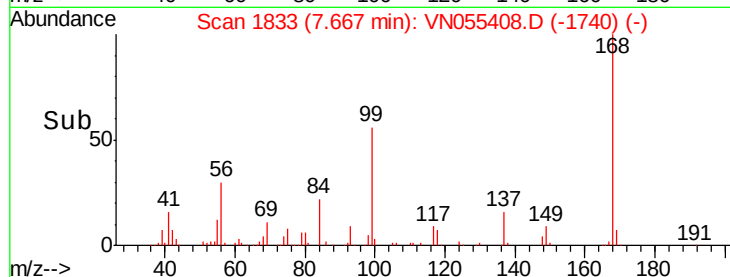
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.911 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN055408.D

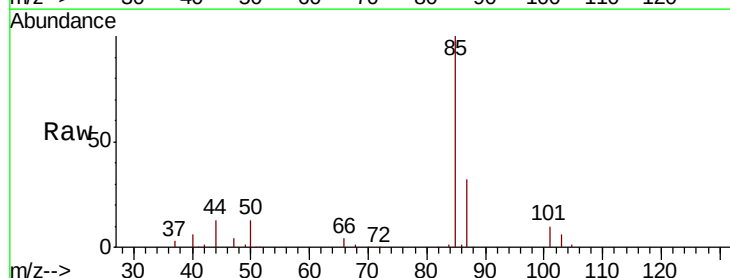
Acq: 6 May 2019 10:44

Tgt Ion: 85 Resp: 93589

Ion Ratio Lower Upper

85 100

87 31.9 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

80000

60000

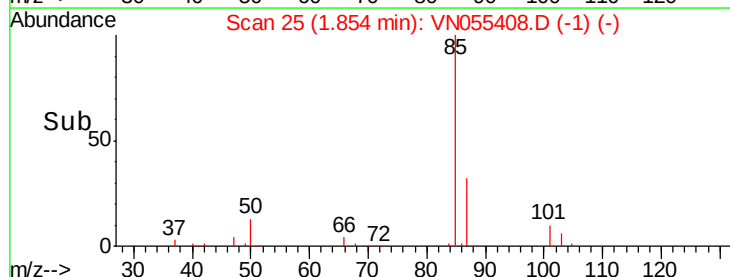
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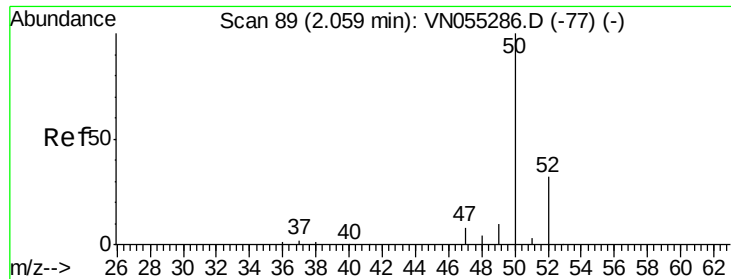
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 17.174 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Instrument :

MSVOA_N

ClientSampleId :

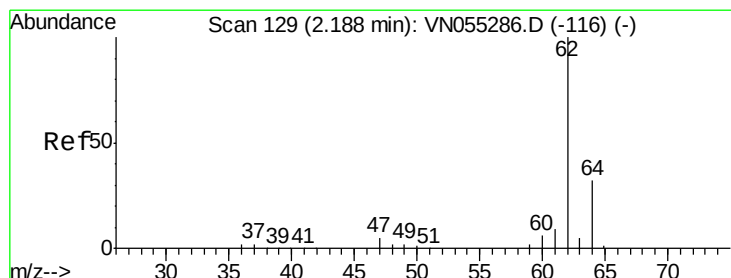
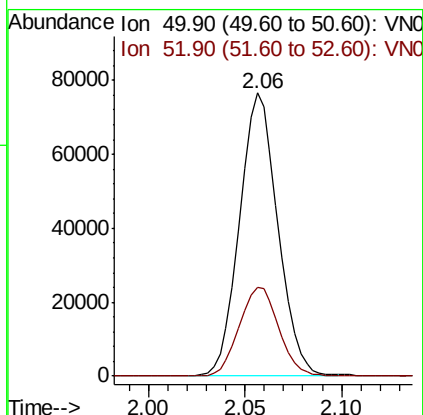
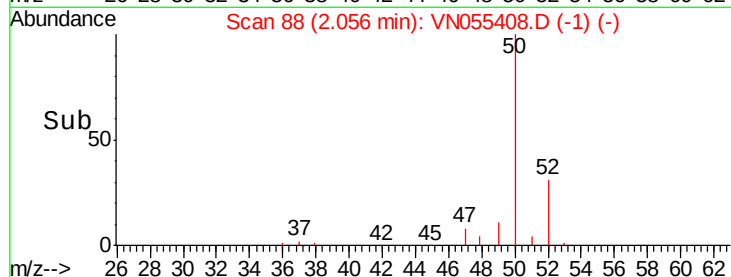
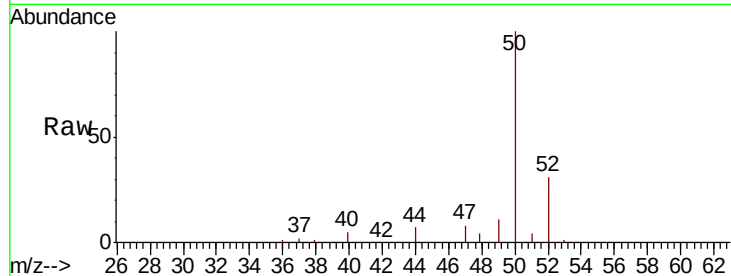
VN0506WBS01

Tot Ion: 50 Resp: 105240

Ion Ratio Lower Upper

50 100

52 31.5 25.7 38.5



#4

Vinyl Chloride

Concen: 18.974 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055408.D

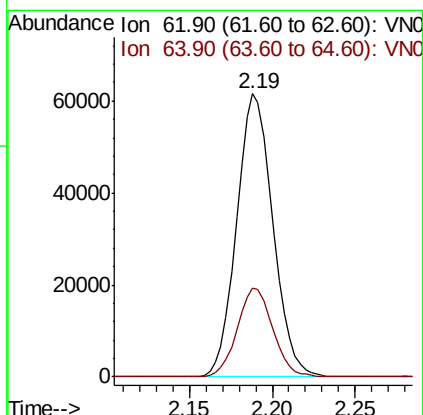
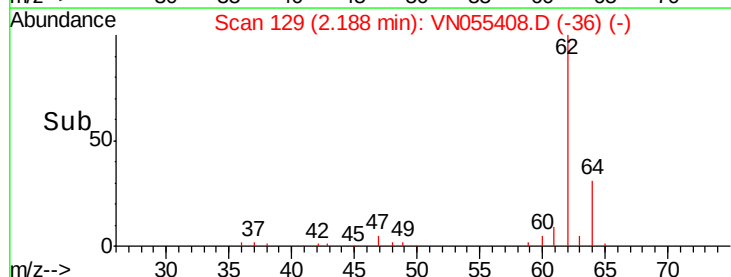
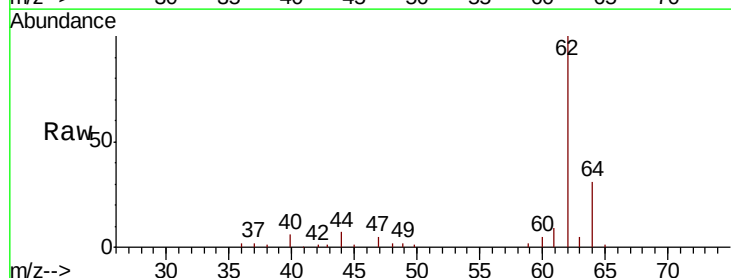
Acq: 6 May 2019 10:44

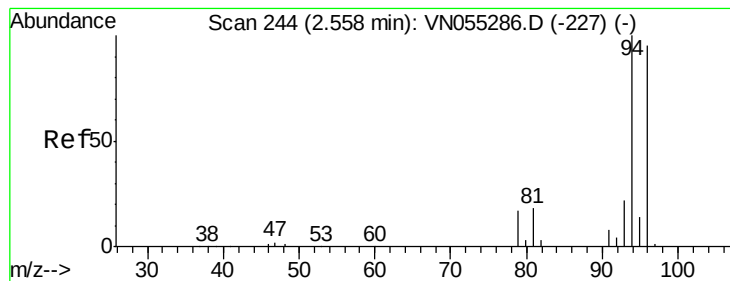
Tgt Ion: 62 Resp: 93727

Ion Ratio Lower Upper

62 100

64 31.3 25.5 38.3





#5

Bromomethane

Concen: 19.681 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Instrument :

MSVOA_N

ClientSampleId :

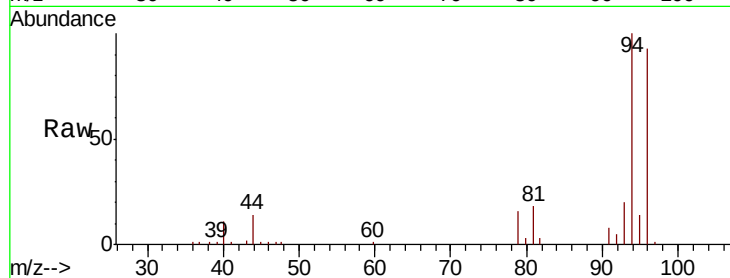
VN0506WBS01

Tot Ion: 94 Resp: 51495

Ion Ratio Lower Upper

94 100

96 92.9 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

30000

25000

20000

15000

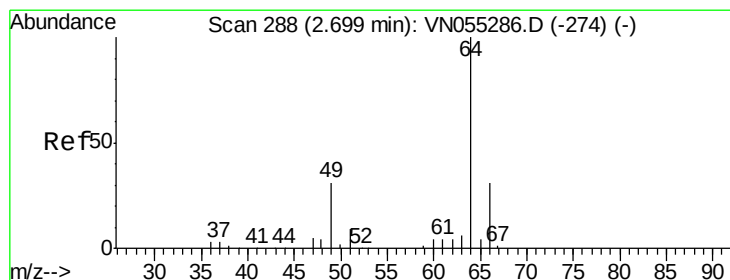
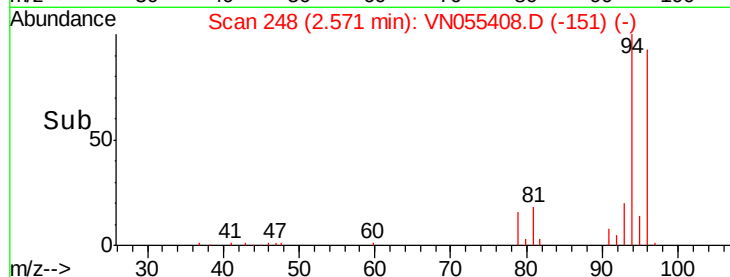
10000

5000

0

Time-->

2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 19.594 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN055408.D

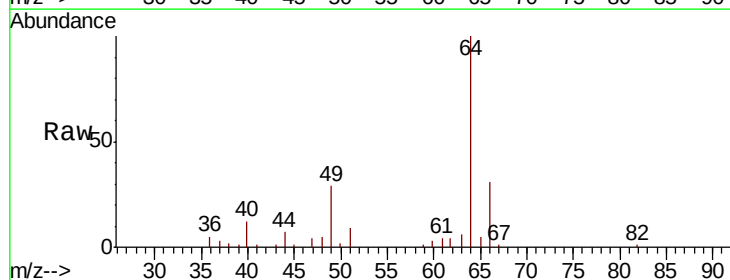
Acq: 6 May 2019 10:44

Tgt Ion: 64 Resp: 52432

Ion Ratio Lower Upper

64 100

66 31.4 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.71

30000

25000

20000

15000

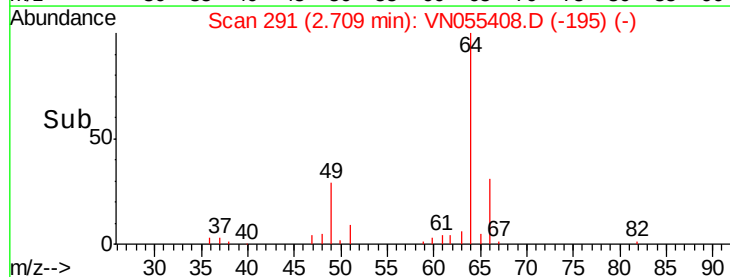
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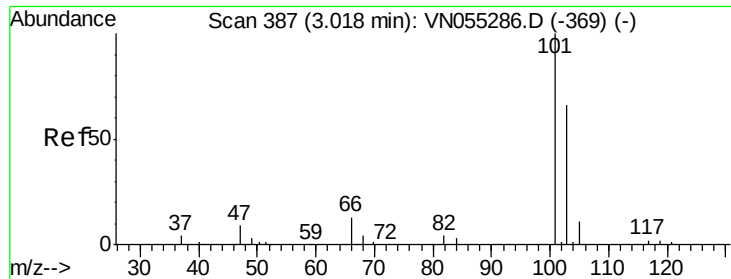
5000

0

Time-->

2.65 2.70 2.75 2.80



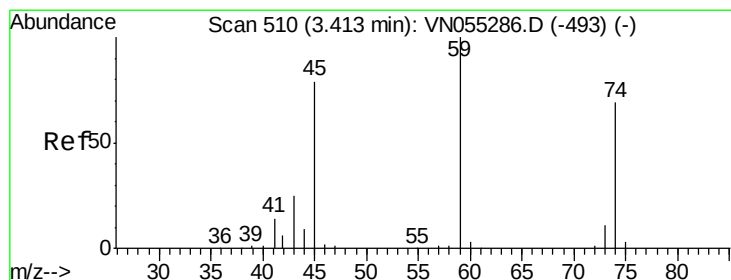
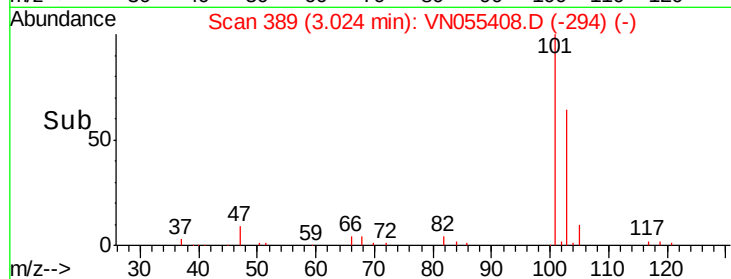
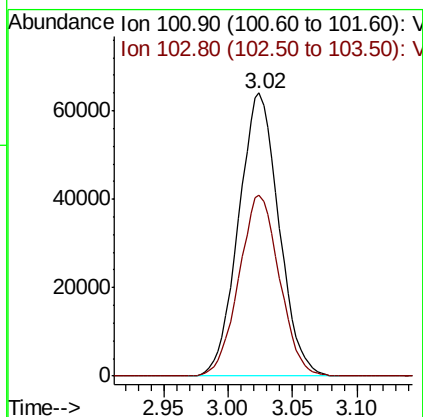
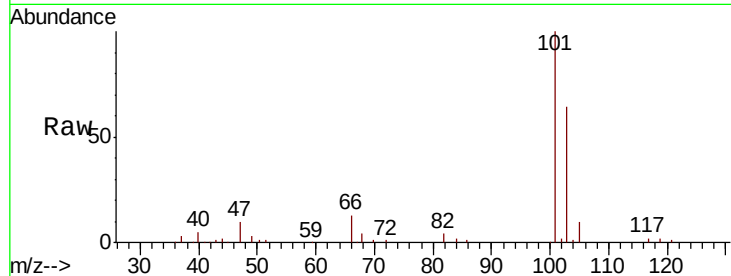


#7

Trichlorofluoromethane
 Concen: 19.855 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.01 min
 Lab File: VN055408.D
 Acq: 6 May 2019 10:44

Instrument :
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 VN0506WBS01

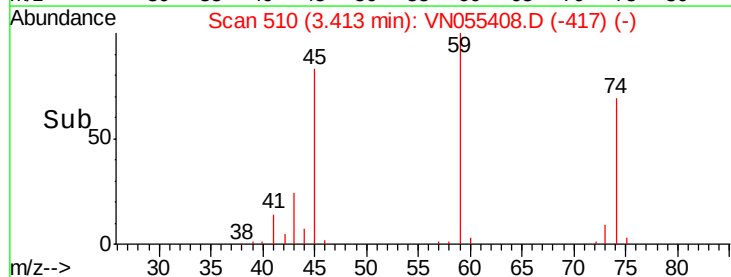
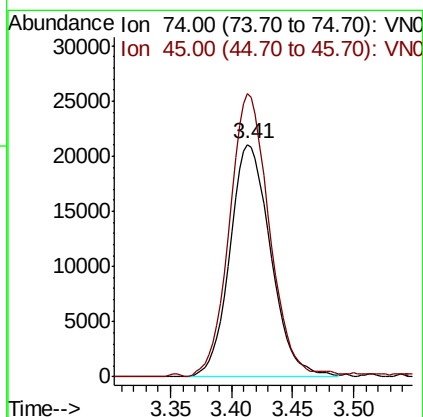
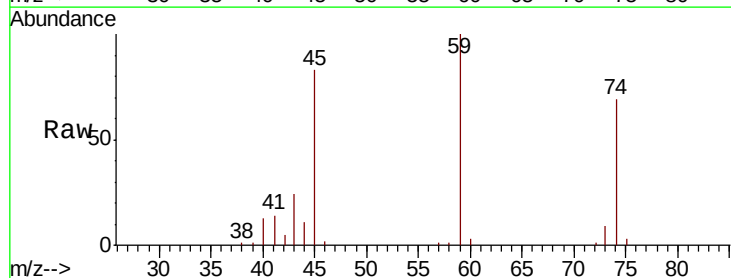
Tot Ion:101 Resp: 139462
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.6 79.0

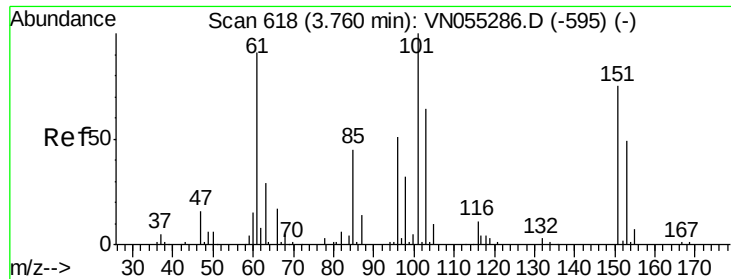


#8

Diethyl Ether
 Concen: 19.882 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN055408.D
 Acq: 6 May 2019 10:44

Tgt Ion: 74 Resp: 48858
 Ion Ratio Lower Upper
 74 100
 45 118.6 58.9 176.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.368 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.01 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBS01

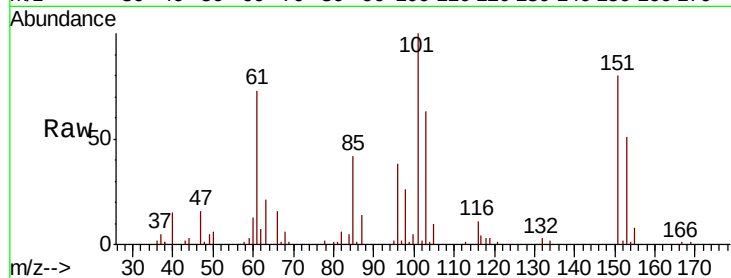
Tot Ion:101 Resp: 81012

Ion Ratio Lower Upper

101 100

85 44.2 35.7 53.5

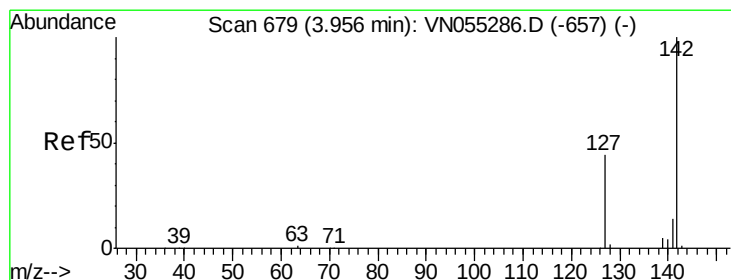
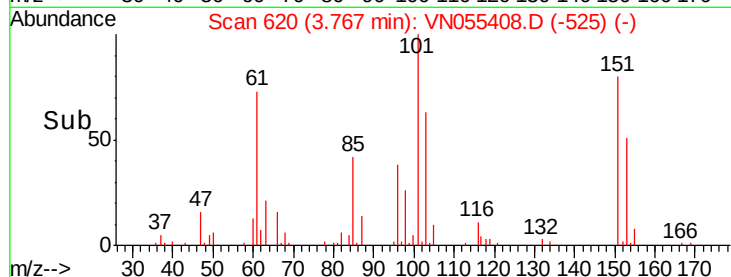
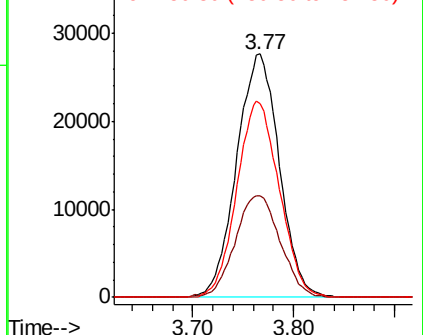
151 80.1 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.378 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

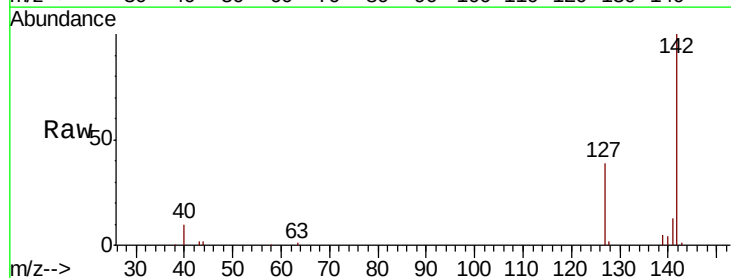
Tgt Ion:142 Resp: 108179

Ion Ratio Lower Upper

142 100

127 40.5 34.4 51.6

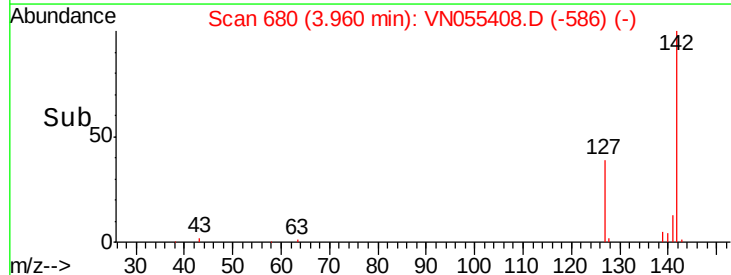
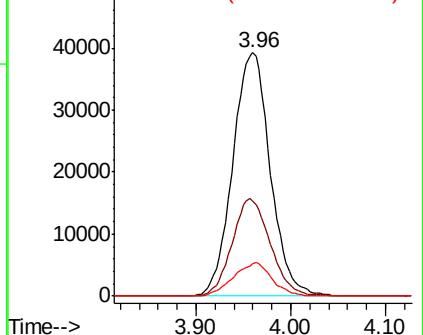
141 14.1 11.5 17.3

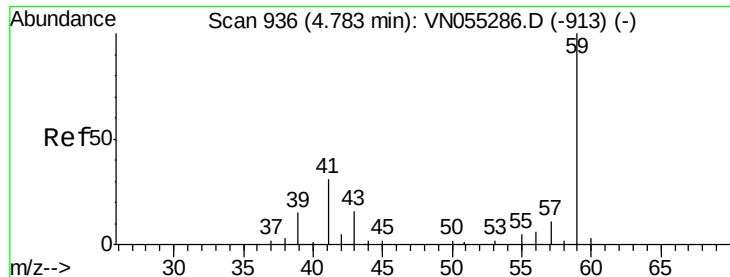


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

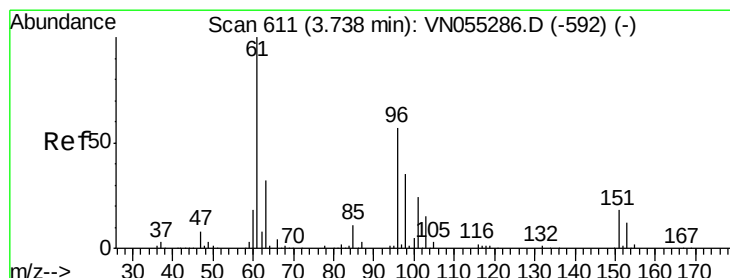
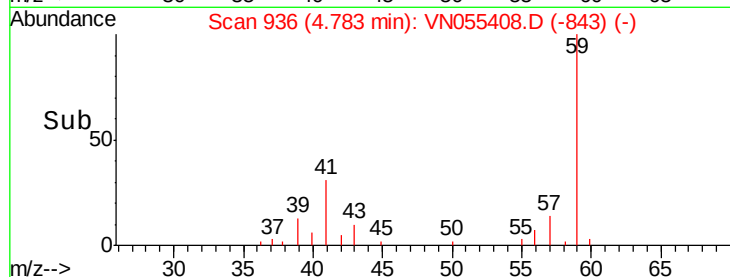
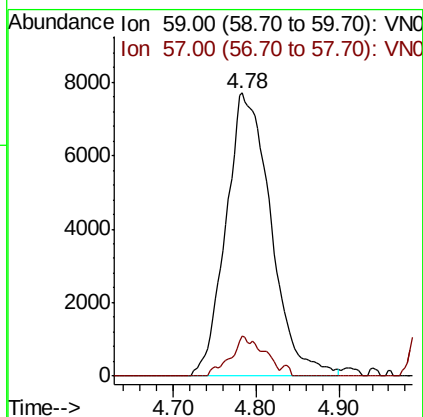
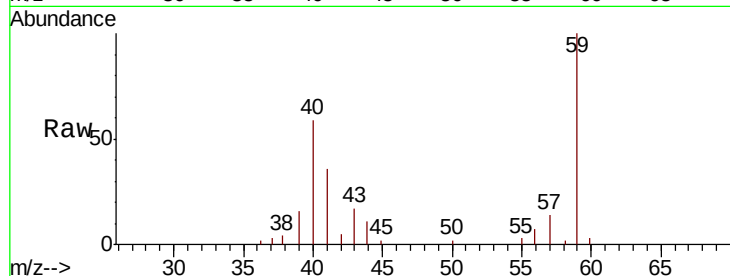




#11
Tert butyl alcohol
Concen: 95.890 ug/l
RT: 4.78 min Scan# 936
Delta R.T. 0.00 min
Lab File: VN055408.D
Acq: 6 May 2019 10:44

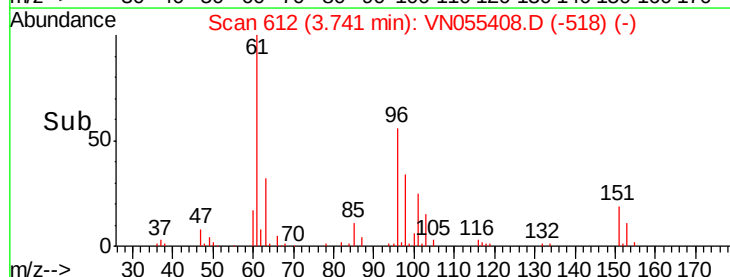
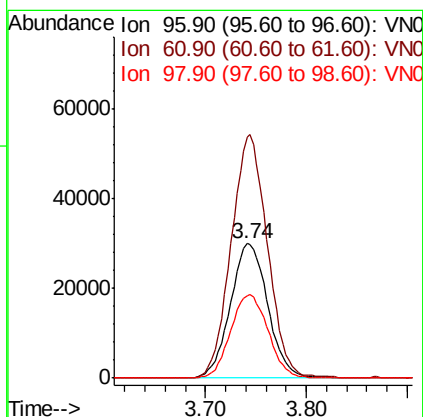
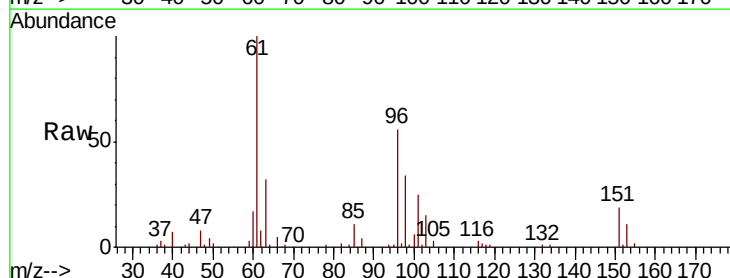
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01

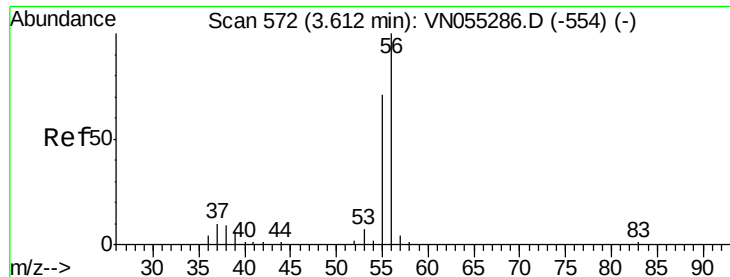
Tot Ion: 59 Resp: 29010
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 19.379 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN055408.D
Acq: 6 May 2019 10:44

Tgt Ion: 96 Resp: 77323
Ion Ratio Lower Upper
96 100
61 179.0 140.9 211.3
98 61.4 50.0 75.0





#13

Acrolein

Concen: 60.563 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Instrument :

MSVOA_N

ClientSampleId :

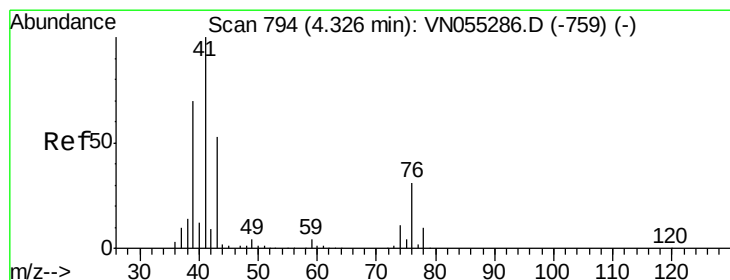
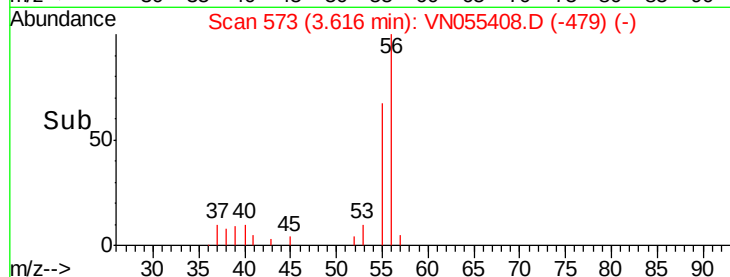
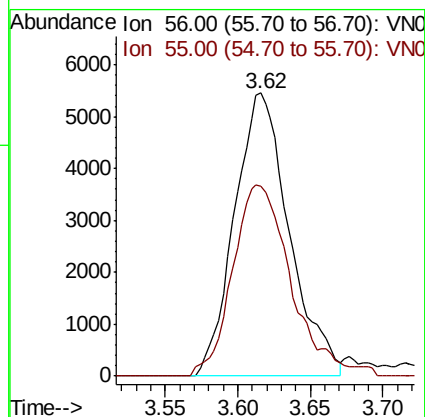
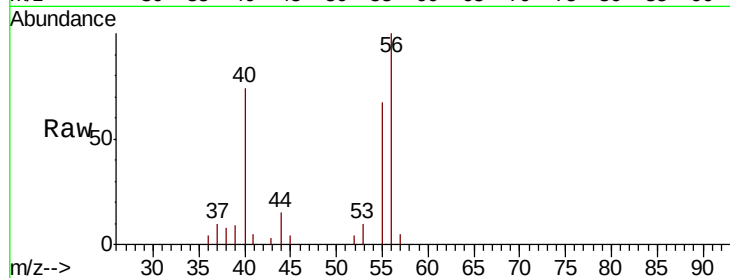
VN0506WBS01

Tot Ion: 56 Resp: 14309

Ion Ratio Lower Upper

56 100

55 72.3 57.4 86.2



#14

Allyl chloride

Concen: 19.489 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

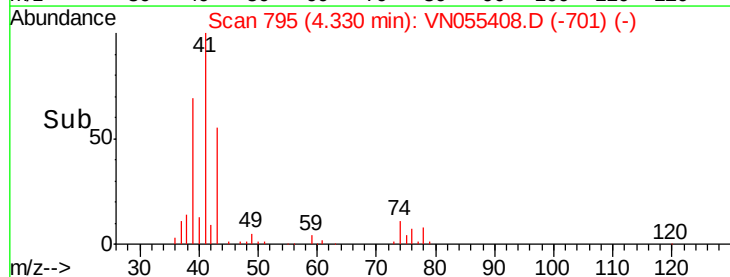
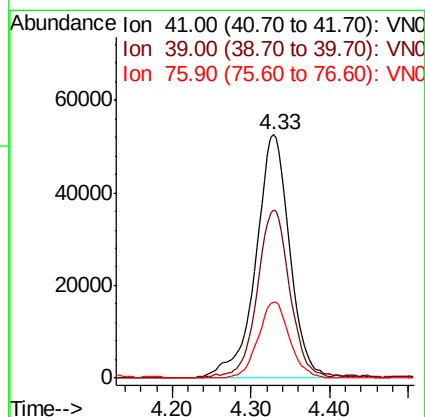
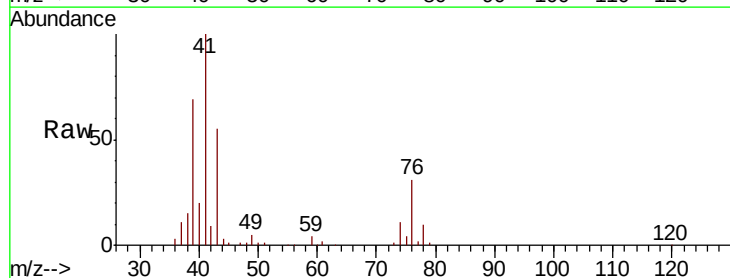
Tgt Ion: 41 Resp: 161055

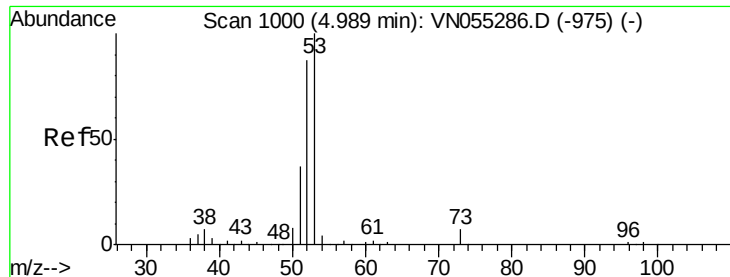
Ion Ratio Lower Upper

41 100

39 66.3 53.0 79.6

76 28.9 22.7 34.1





#15

Acrylonitrile

Concen: 98.513 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBS01

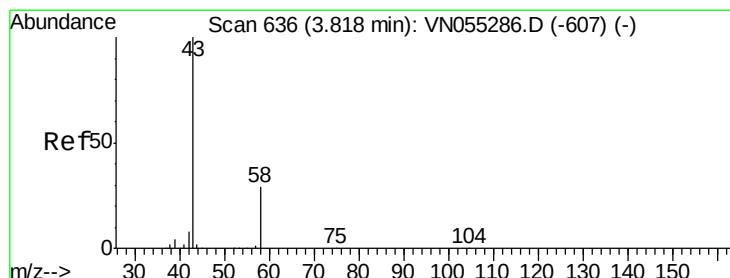
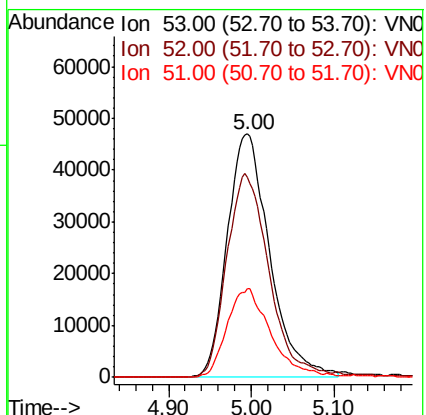
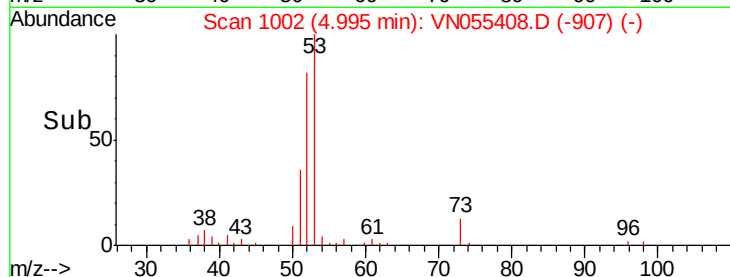
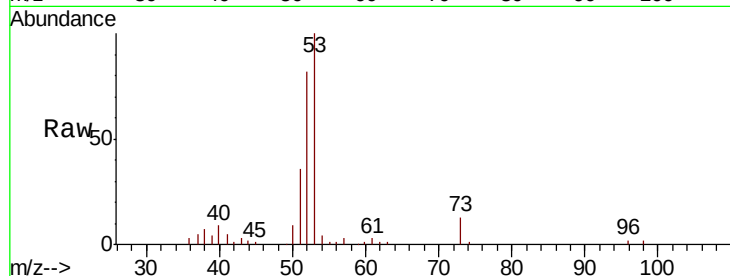
Tot Ion: 53 Resp: 167523

Ion Ratio Lower Upper

53 100

52 83.0 66.5 99.7

51 37.1 29.6 44.4



#16

Acetone

Concen: 96.579 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055408.D

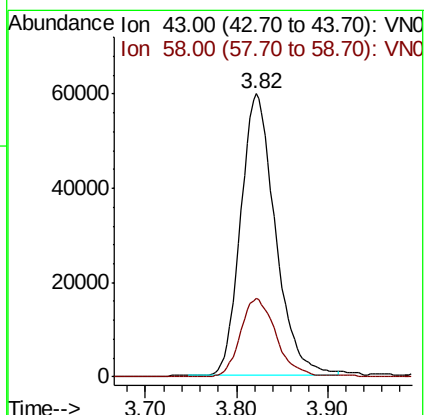
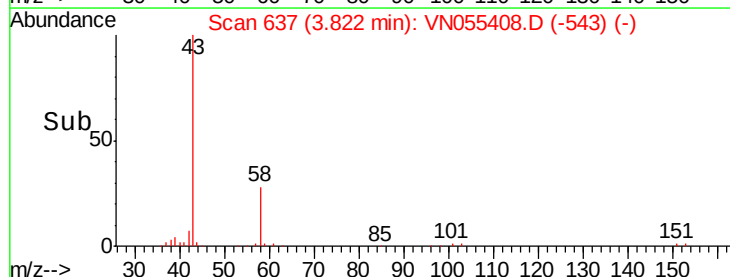
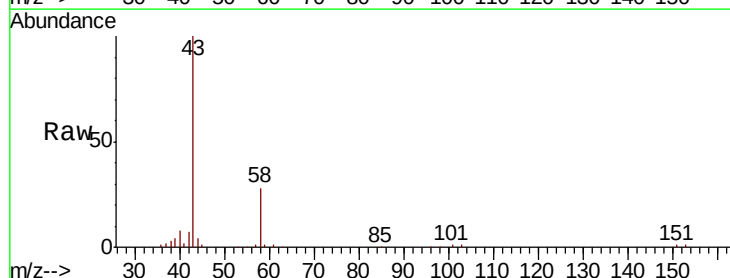
Acq: 6 May 2019 10:44

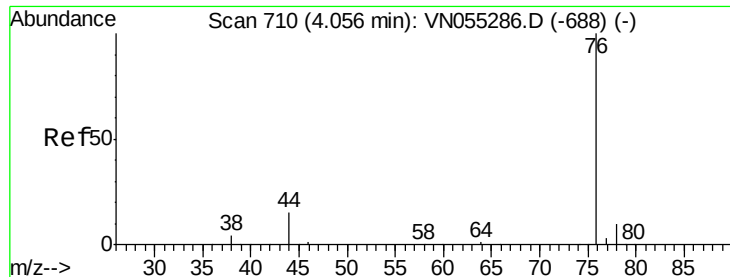
Tgt Ion: 43 Resp: 159016

Ion Ratio Lower Upper

43 100

58 27.7 23.6 35.4





#17

Carbon Disulfide

Concen: 17.141 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Instrument :

MSVOA_N

ClientSampleId :

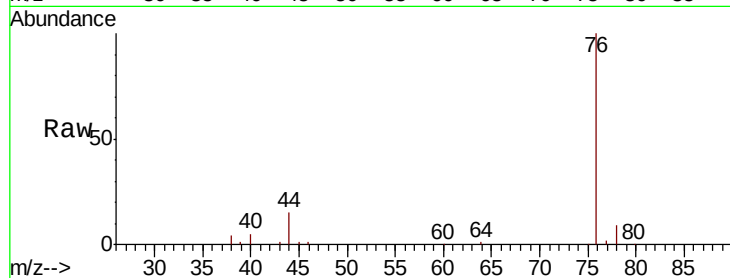
VN0506WBS01

Tot Ion: 76 Resp: 178491

Ion Ratio Lower Upper

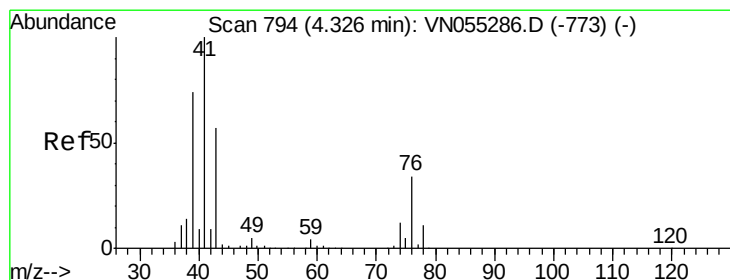
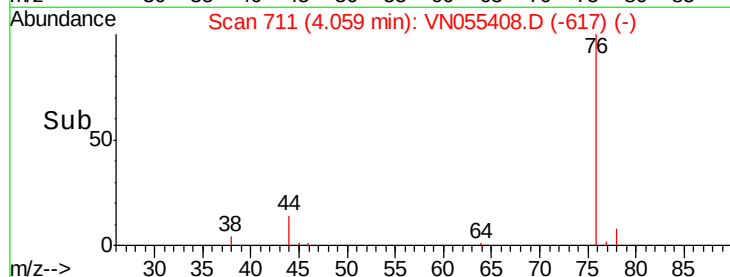
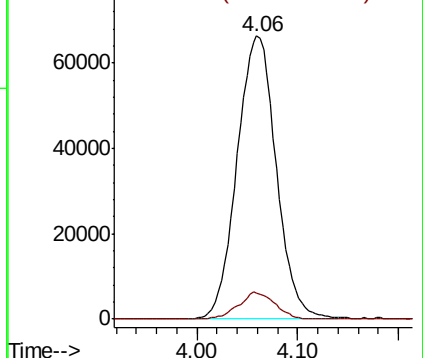
76 100

78 9.3 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 21.057 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055408.D

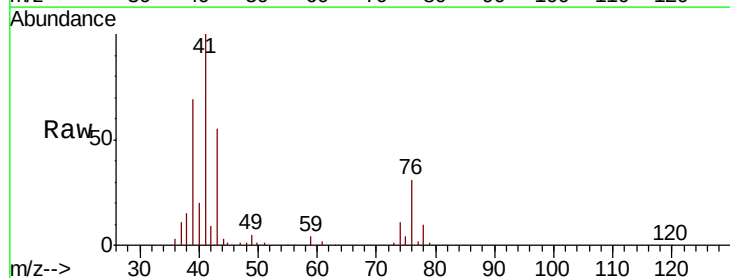
Acq: 6 May 2019 10:44

Tgt Ion: 43 Resp: 86863

Ion Ratio Lower Upper

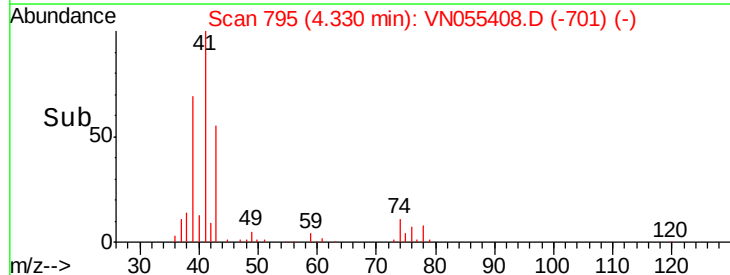
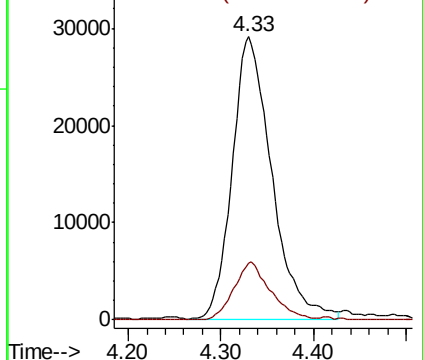
43 100

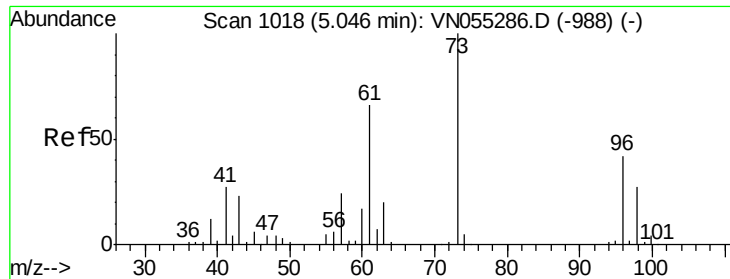
74 18.8 15.8 23.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

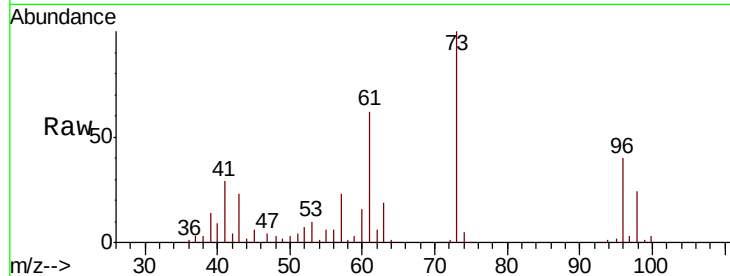




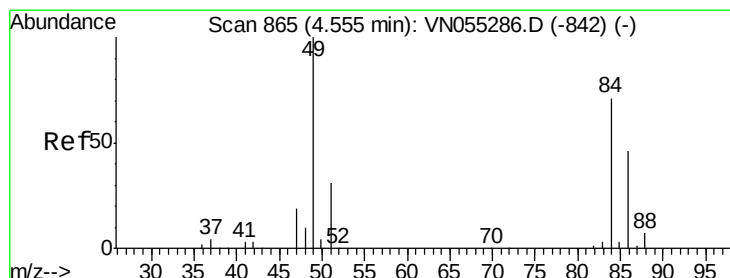
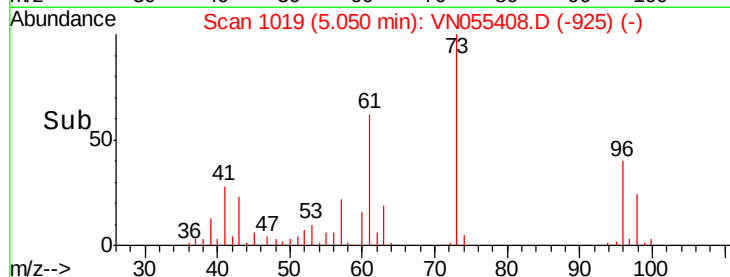
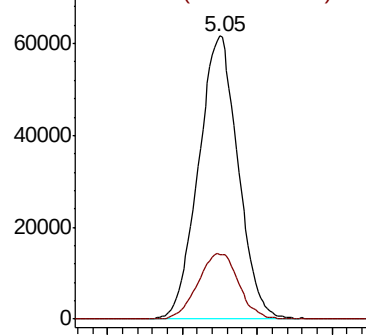
#19
Methyl tert-butyl Ether
Concen: 20.194 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN055408.D
Acq: 6 May 2019 10:44

Instrument :
MSVOA_N
ClientSampled :
VN0506WBS01

Tot Ion: 73 Resp: 226519
Ion Ratio Lower Upper
73 100
57 22.9 19.1 28.7

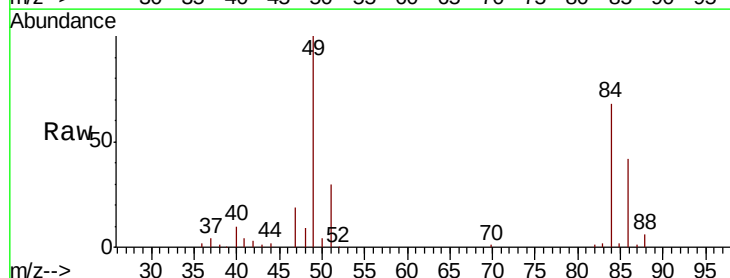


Abundance Ion 73.00 (72.70 to 73.70): VN055286.D (-988) (-)
Ion 57.00 (56.70 to 57.70): VN055286.D (-988) (-)

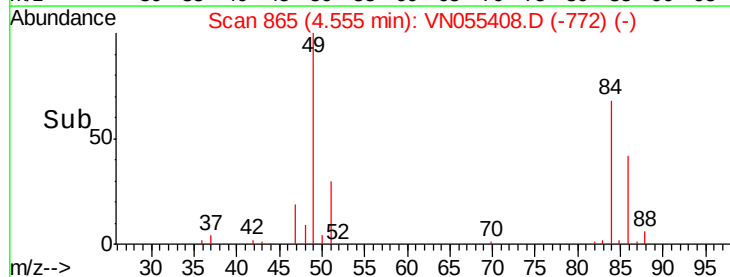
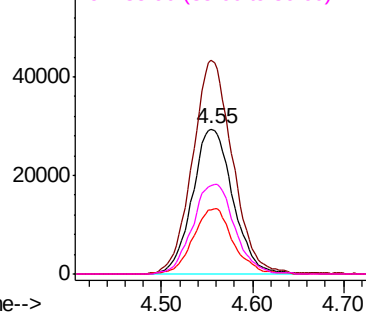


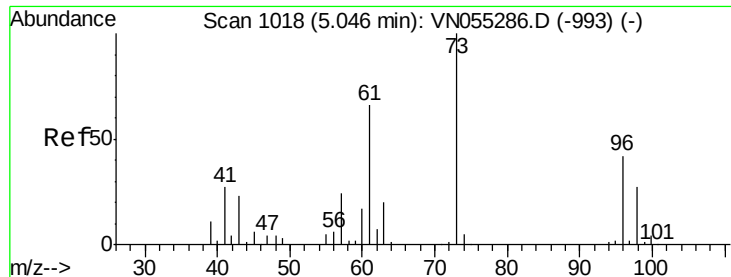
#20
Methylene Chloride
Concen: 18.032 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055408.D
Acq: 6 May 2019 10:44

Tgt Ion: 84 Resp: 90624
Ion Ratio Lower Upper
84 100
49 146.9 112.4 168.6
51 44.5 34.6 51.8
86 61.4 51.9 77.9



Abundance Ion 83.90 (83.60 to 84.60): VN055286.D (-842) (-)
Ion 48.90 (48.60 to 49.60): VN055286.D (-842) (-)
Ion 50.90 (50.60 to 51.60): VN055286.D (-842) (-)
Ion 85.90 (85.60 to 86.60): VN055286.D (-842) (-)





#21

trans-1,2-Dichloroethene

Concen: 18.678 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Instrument :

MSVOA_N

ClientSampled :

VN0506WBS01

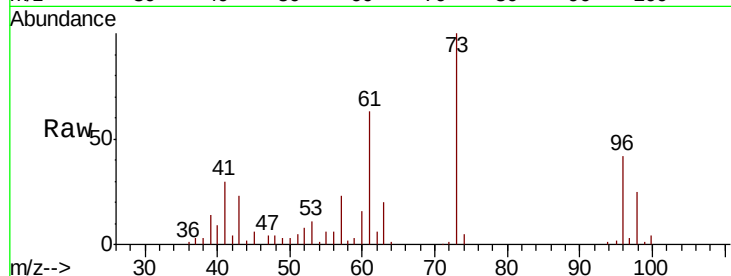
Tot Ion: 96 Resp: 78929

Ion Ratio Lower Upper

96 100

61 152.4 126.2 189.4

98 59.8 52.2 78.2

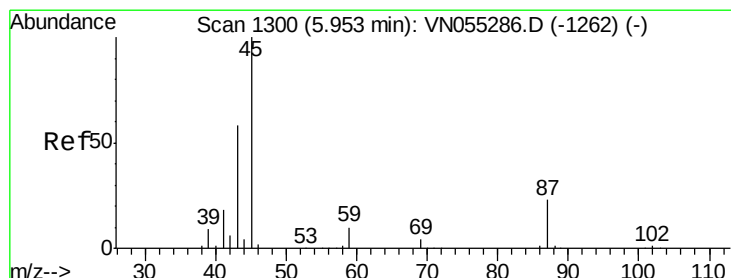
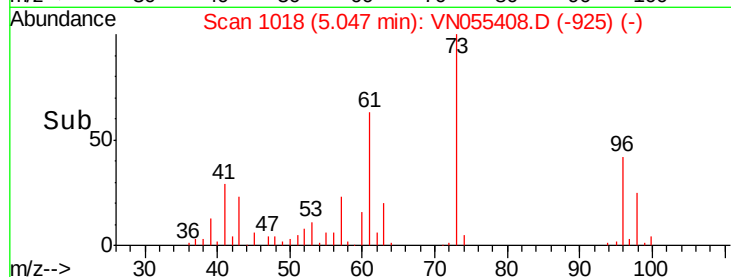
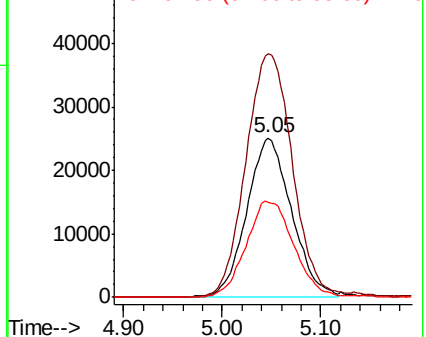


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 21.033 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Tgt Ion: 45 Resp: 345341

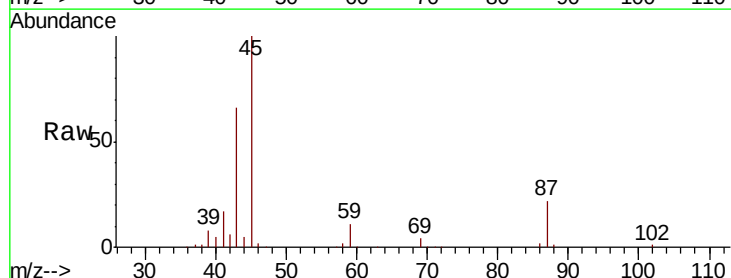
Ion Ratio Lower Upper

45 100

43 64.0 46.6 70.0

87 21.5 18.1 27.1

59 10.6 8.2 12.2



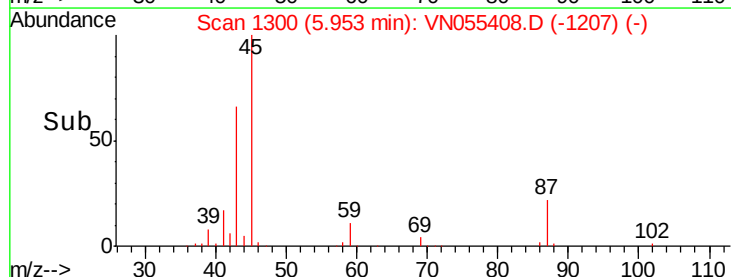
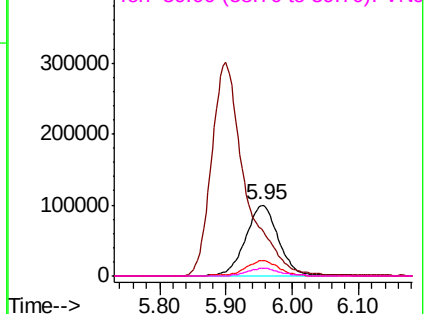
Abundance

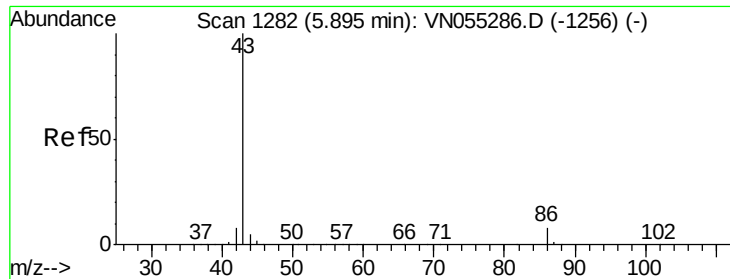
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 98.964 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Instrument :

MSVOA_N

ClientSampleId :

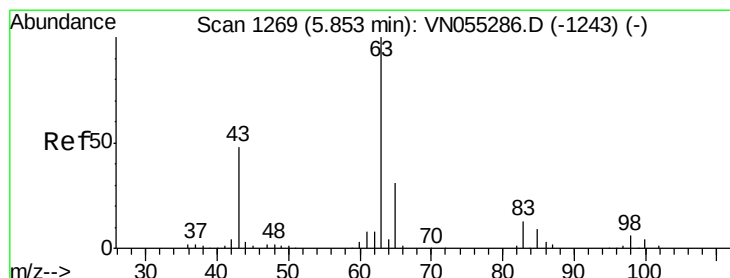
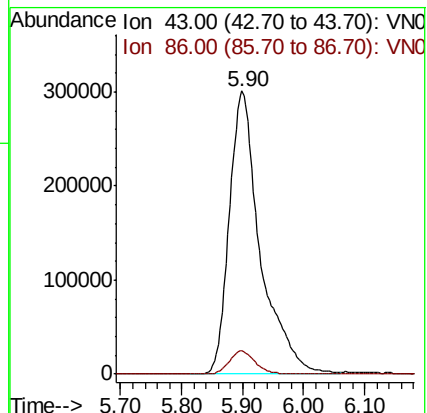
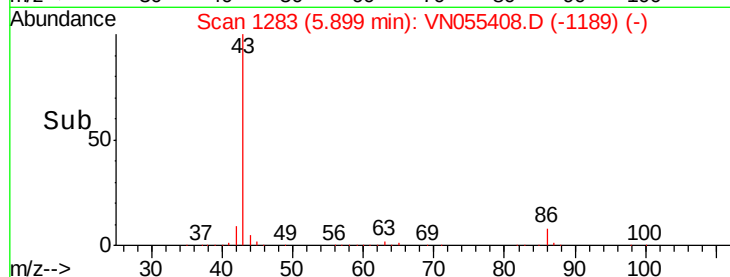
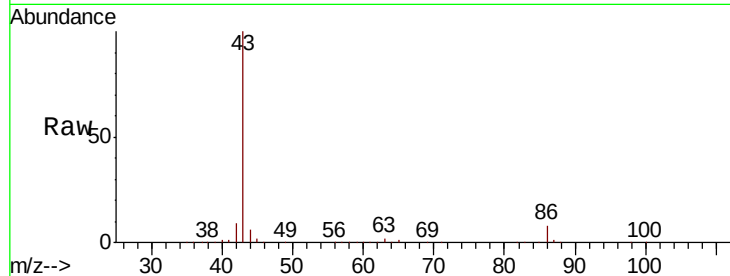
VN0506WBS01

Tot Ion: 43 Resp: 1064975

Ion Ratio Lower Upper

43 100

86 8.2 6.6 10.0



#24

1,1-Dichloroethane

Concen: 20.098 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

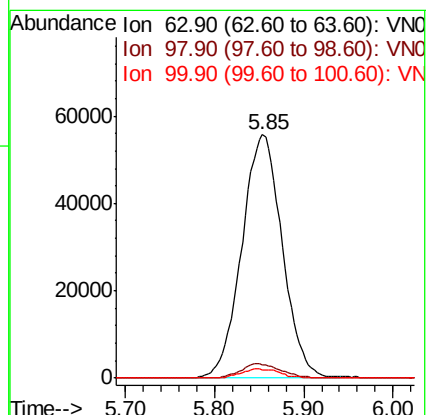
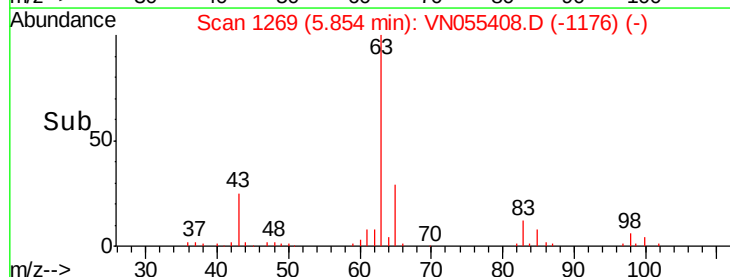
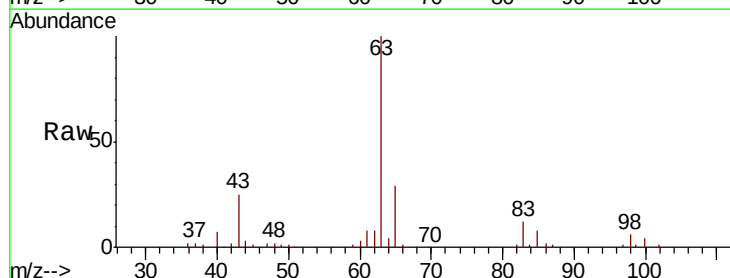
Tgt Ion: 63 Resp: 175827

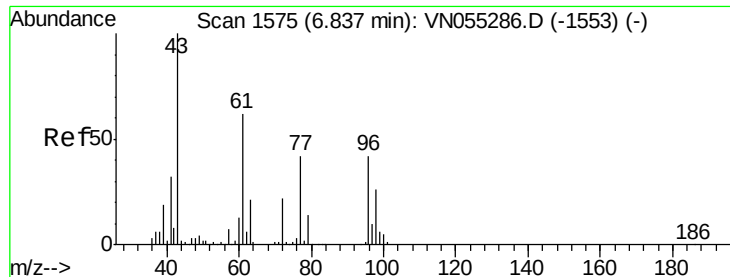
Ion Ratio Lower Upper

63 100

98 5.6 3.0 9.0

100 3.5 1.8 5.4





#25

2-Butanone

Concen: 100.423 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Instrument :

MSVOA_N

ClientSampled :

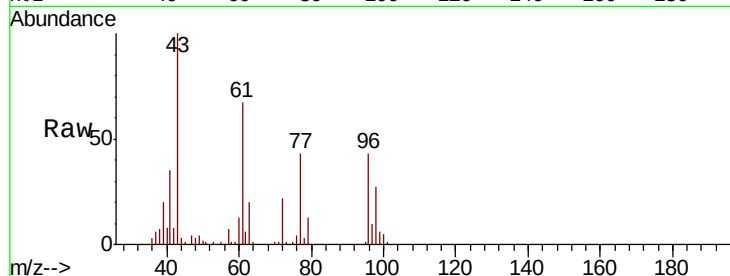
VN0506WBS01

Tot Ion: 43 Resp: 211454

Ion Ratio Lower Upper

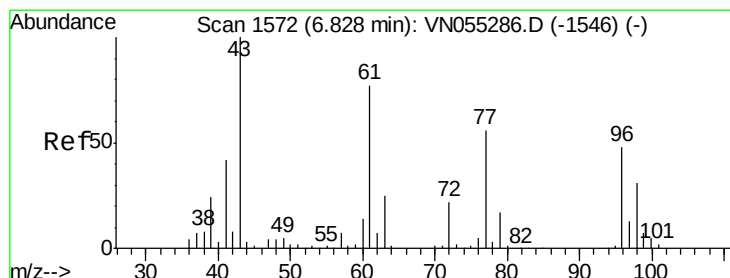
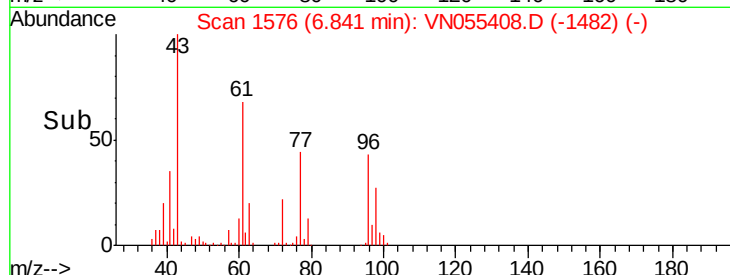
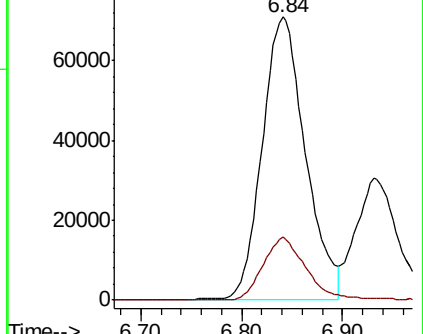
43 100

72 22.1 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: 20.232 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055408.D

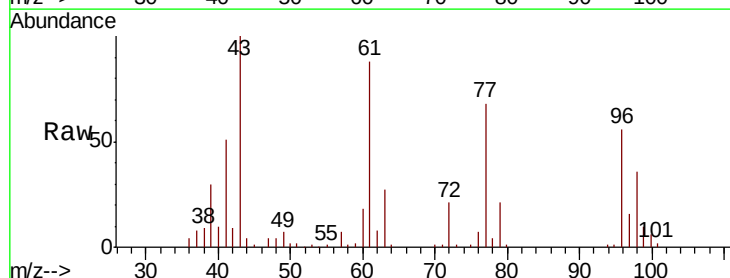
Acq: 6 May 2019 10:44

Tgt Ion: 77 Resp: 122224

Ion Ratio Lower Upper

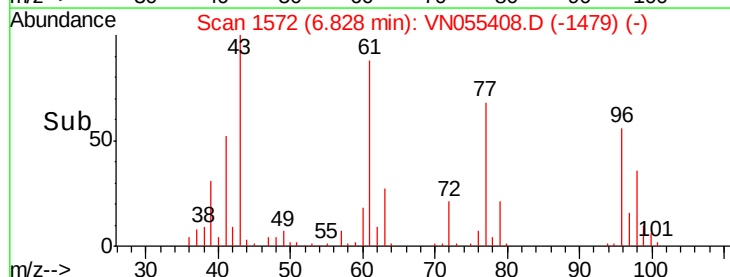
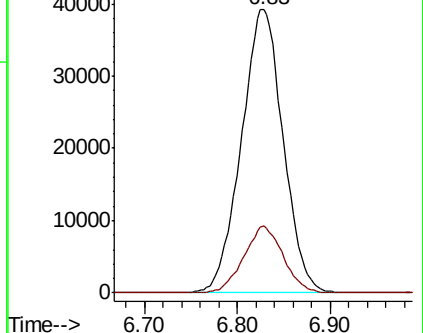
77 100

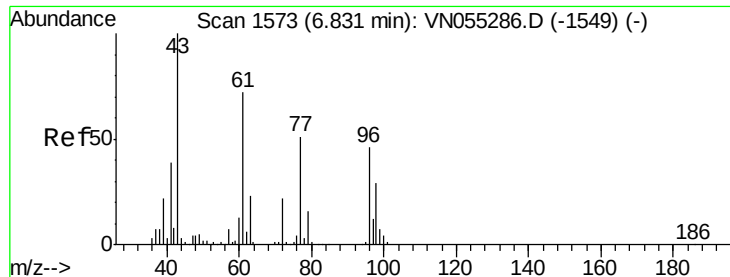
97 22.3 11.4 34.2



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: 20.157 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBS01

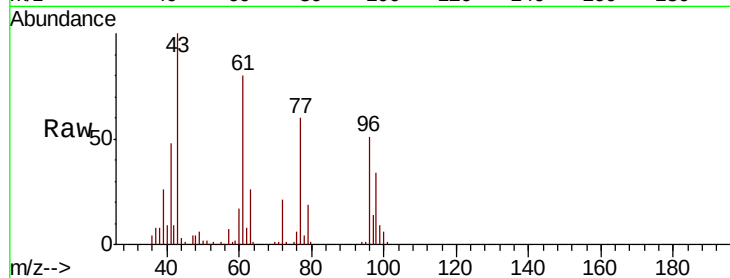
Tot Ion: 96 Resp: 96864

Ion Ratio Lower Upper

96 100

61 160.3 0.0 316.2

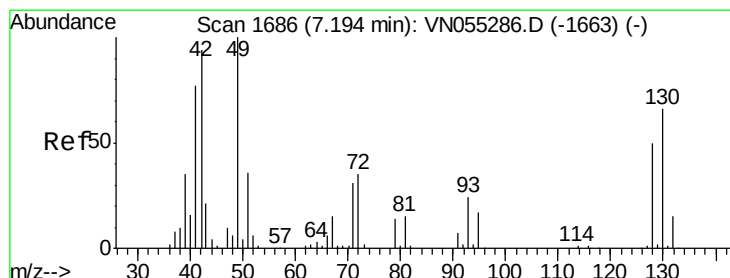
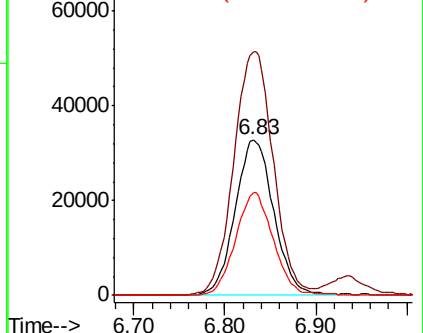
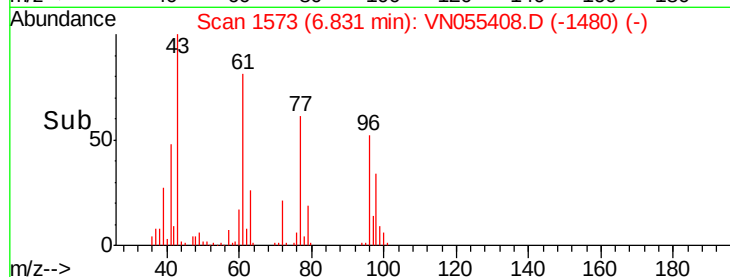
98 64.5 0.0 126.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.163 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

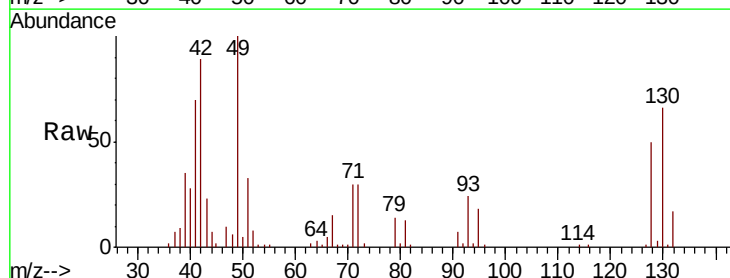
Tgt Ion: 49 Resp: 88914

Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.4

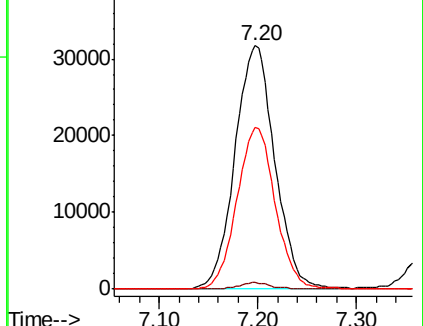
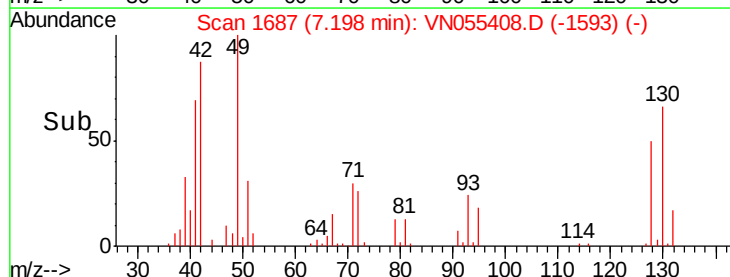
130 63.7 52.0 78.0

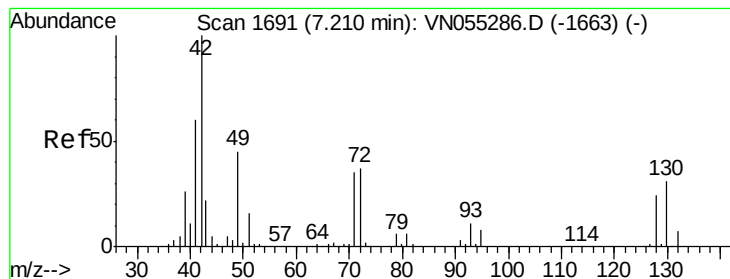


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 101.208 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBS01

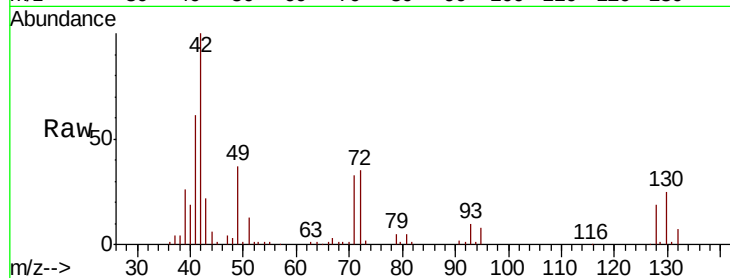
Tot Ion: 42 Resp: 136458

Ion Ratio Lower Upper

42 100

72 33.8 29.0 43.6

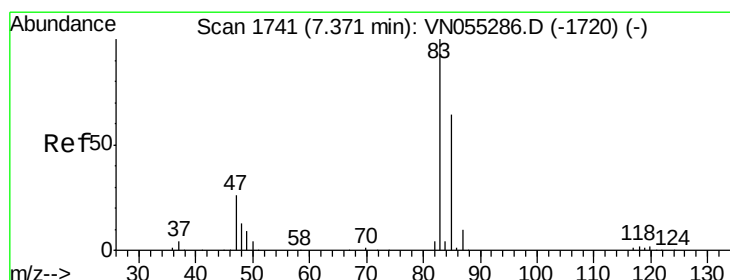
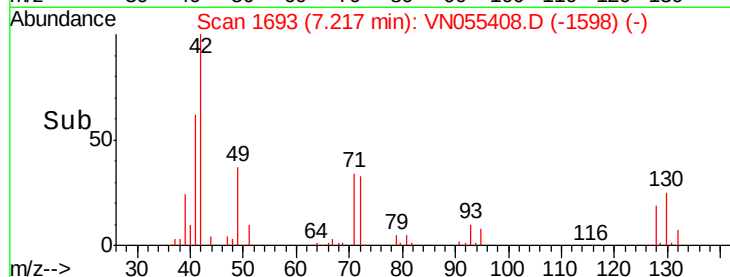
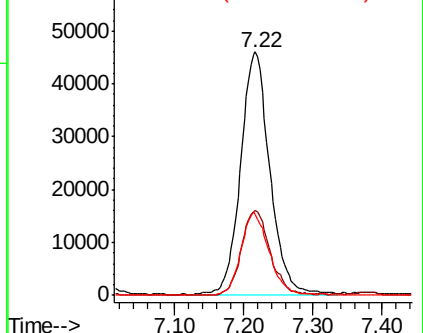
71 32.2 27.1 40.7



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 20.325 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN055408.D

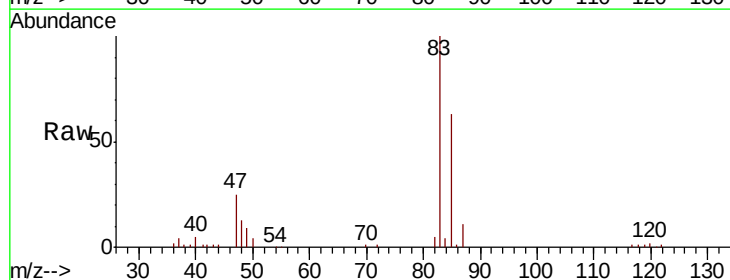
Acq: 6 May 2019 10:44

Tgt Ion: 83 Resp: 168554

Ion Ratio Lower Upper

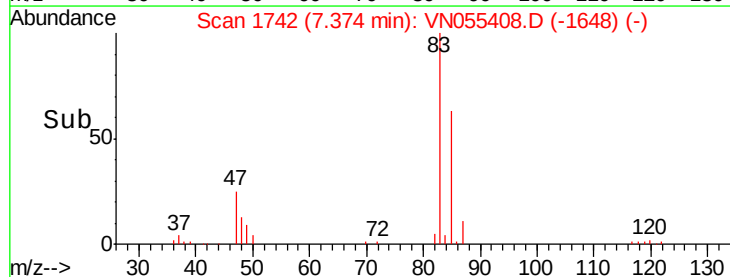
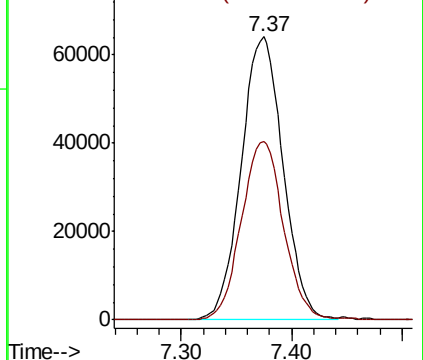
83 100

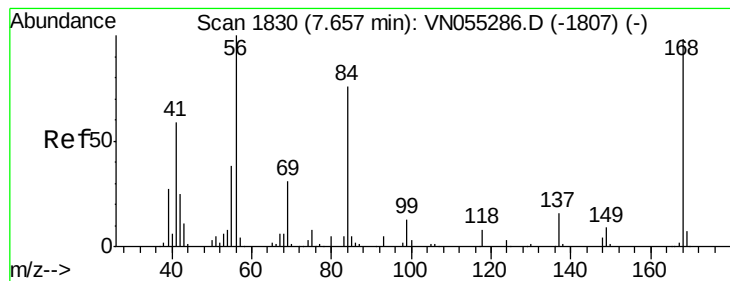
85 63.2 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 19.031 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBS01

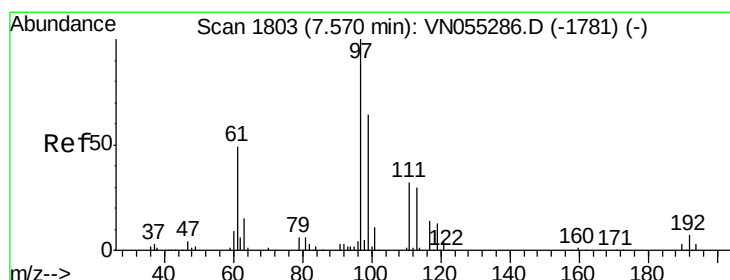
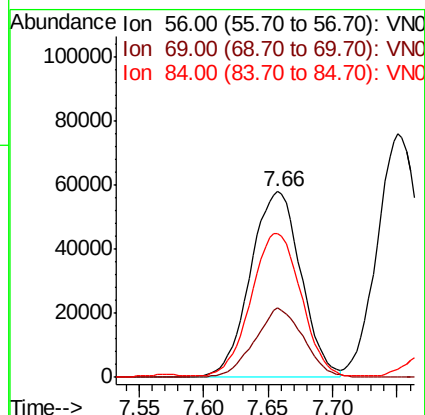
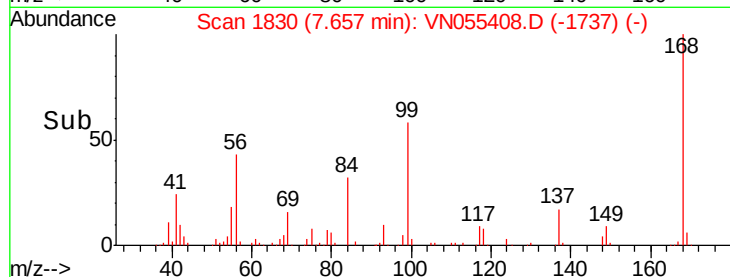
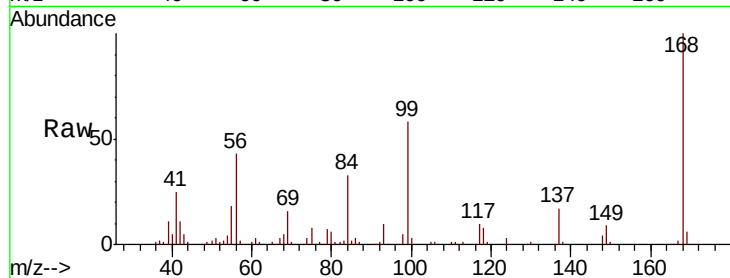
Tot Ion: 56 Resp: 158184

Ion Ratio Lower Upper

56 100

69 37.1 25.2 37.8

84 76.4 61.1 91.7



#32

1,1,1-Trichloroethane

Concen: 19.623 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

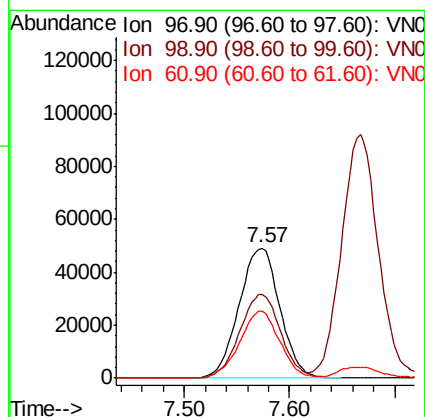
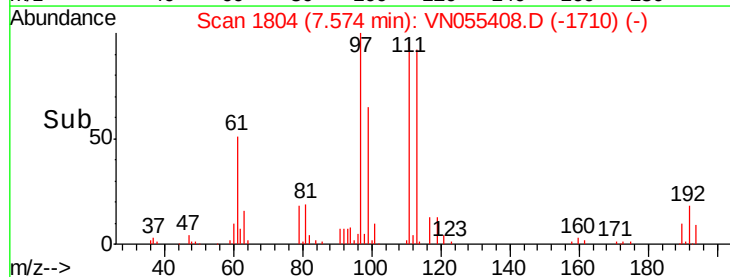
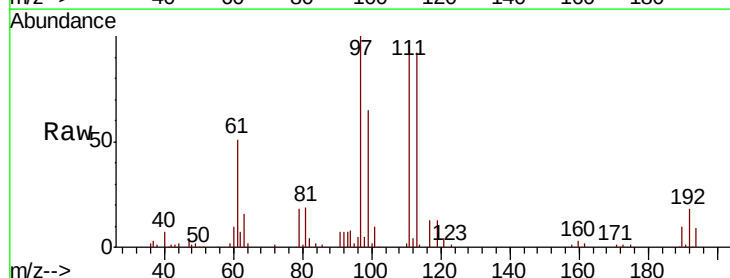
Tgt Ion: 97 Resp: 132072

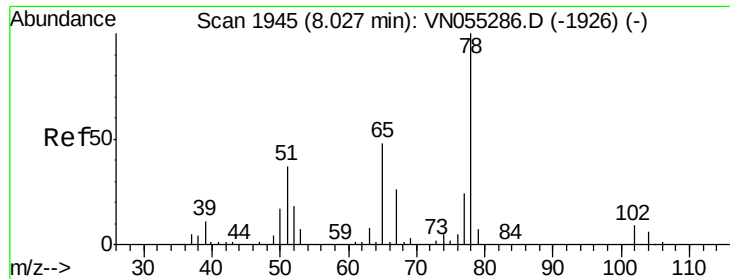
Ion Ratio Lower Upper

97 100

99 64.1 51.8 77.8

61 50.7 39.0 58.6

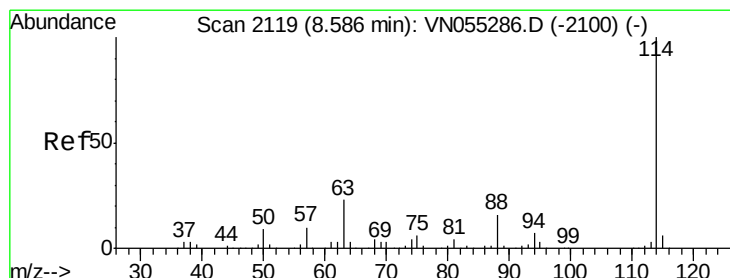
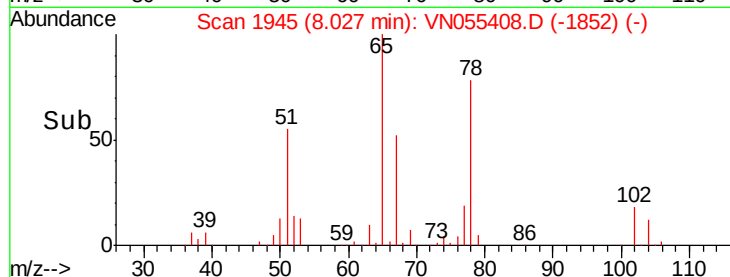
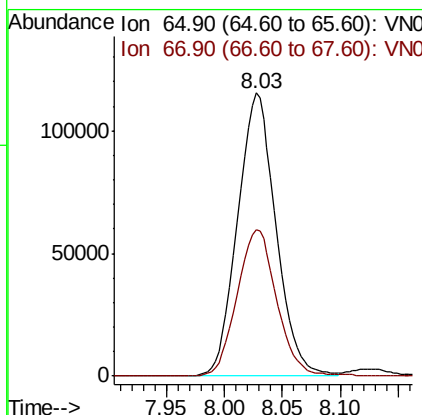
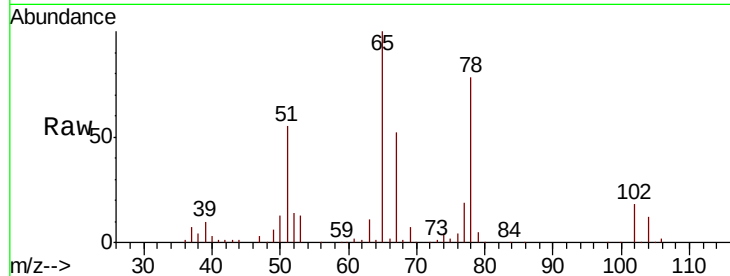




#33
 1,2-Dichloroethane-d4
 Concen: 50.266 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055408.D
 Acq: 6 May 2019 10:44

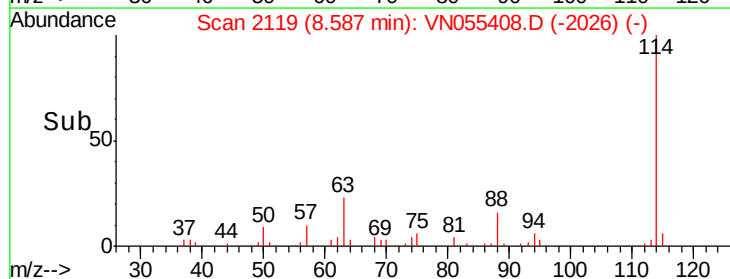
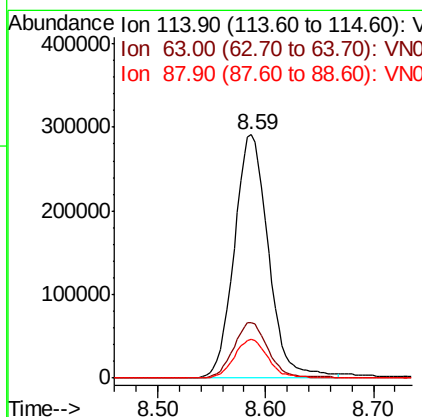
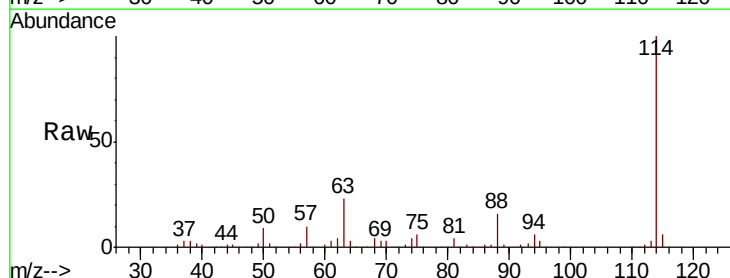
Instrument :
 MSVOA_N
 ClientSampled :
 VN0506WBS01

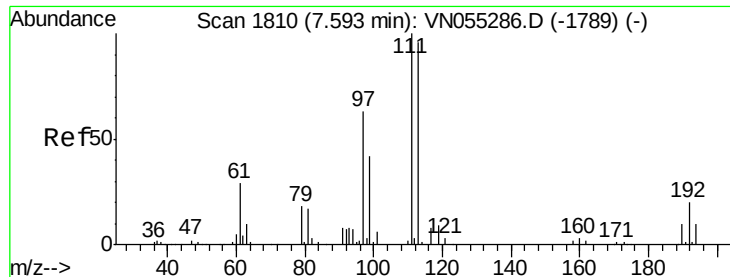
Tot Ion: 65 Resp: 265613
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055408.D
 Acq: 6 May 2019 10:44

Tgt Ion: 114 Resp: 642907
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.2
 88 16.0 0.0 31.6

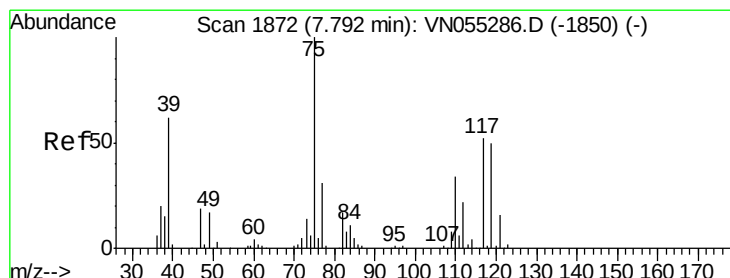
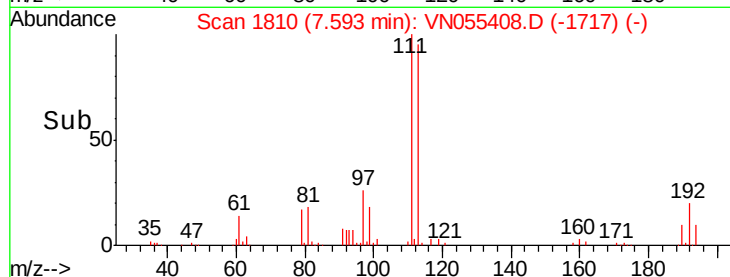
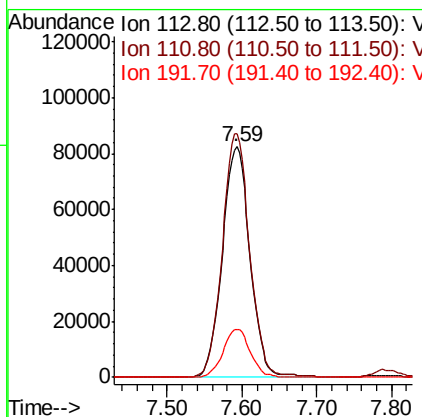
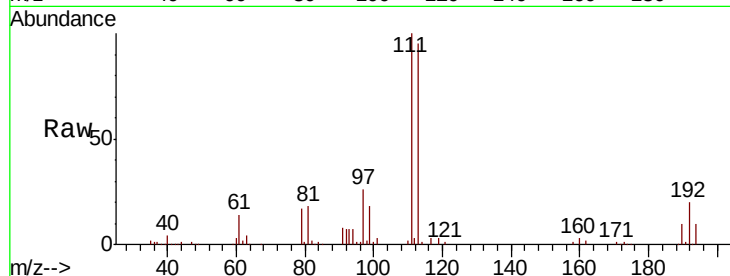




#35
 Dibromofluoromethane
 Concen: 50.134 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055408.D
 Acq: 6 May 2019 10:44

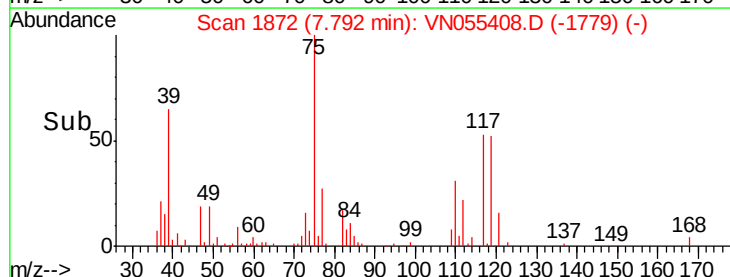
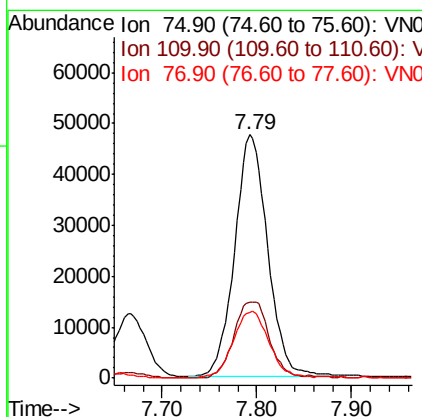
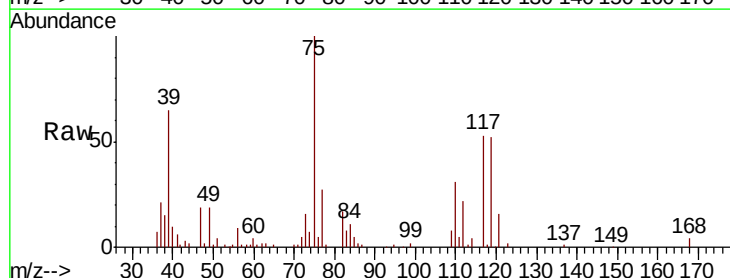
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506WBS01

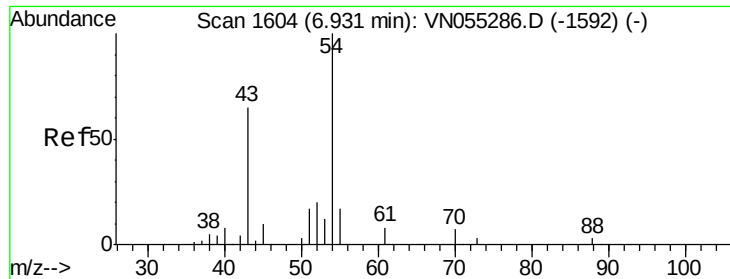
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.3	123.5
192	20.3	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 18.795 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055408.D
 Acq: 6 May 2019 10:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.8	50.4
77	30.0	25.0	37.6

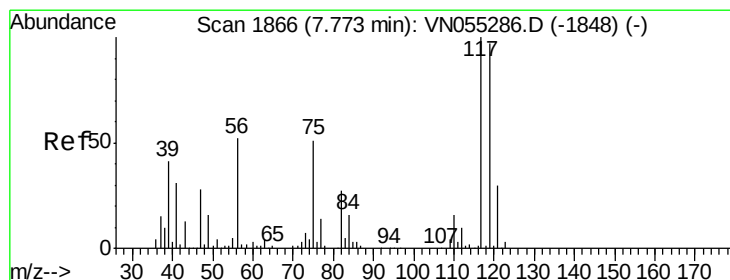
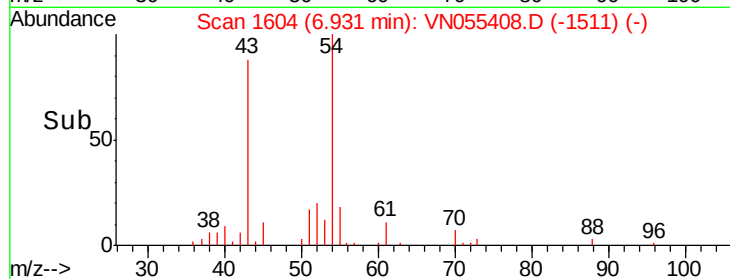
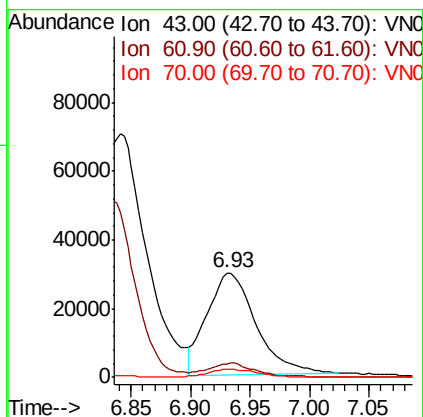
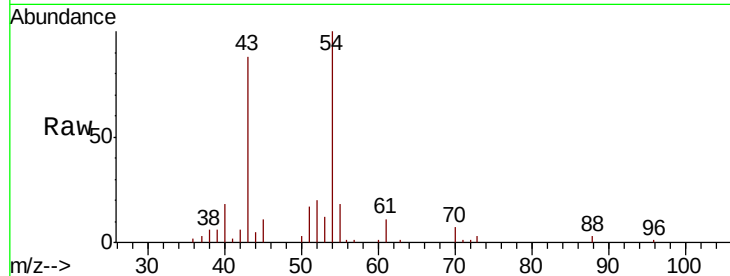




#37
Ethyl Acetate
Concen: 18.063 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN055408.D
Acq: 6 May 2019 10:44

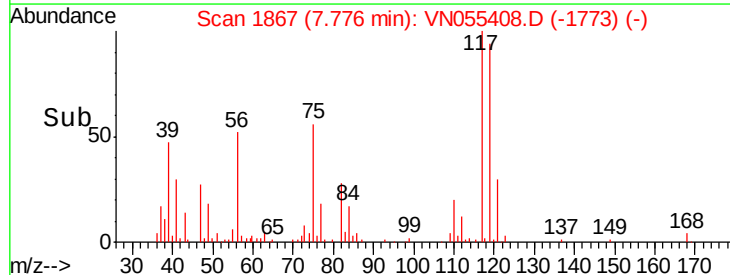
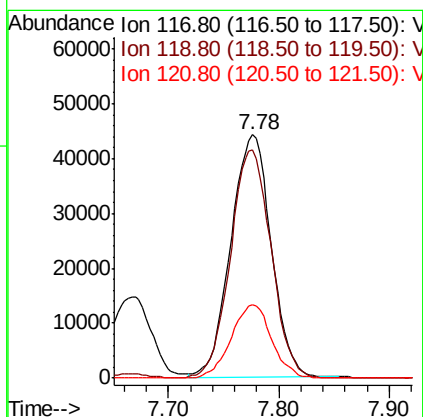
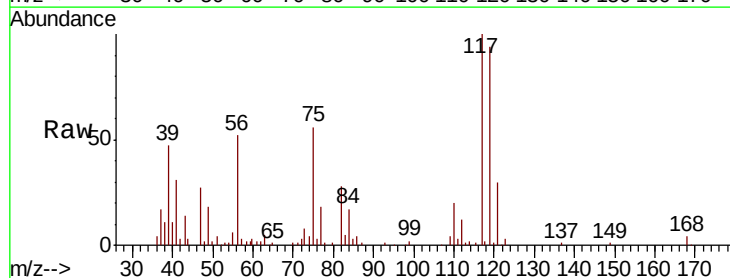
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01

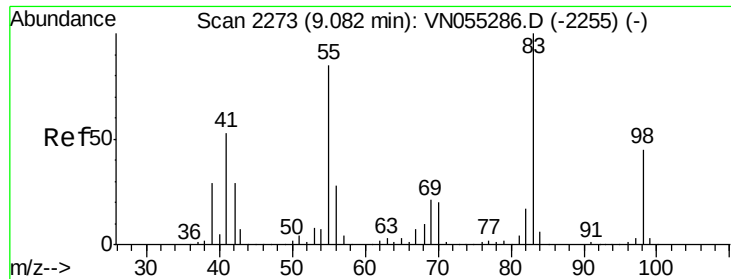
Tot Ion: 43 Resp: 85249
Ion Ratio Lower Upper
43 100
61 14.0 10.4 15.6
70 8.1 6.6 10.0



#38
Carbon Tetrachloride
Concen: 18.885 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN055408.D
Acq: 6 May 2019 10:44

Tgt Ion: 117 Resp: 112182
Ion Ratio Lower Upper
117 100
119 94.2 77.0 115.6
121 30.4 23.8 35.8

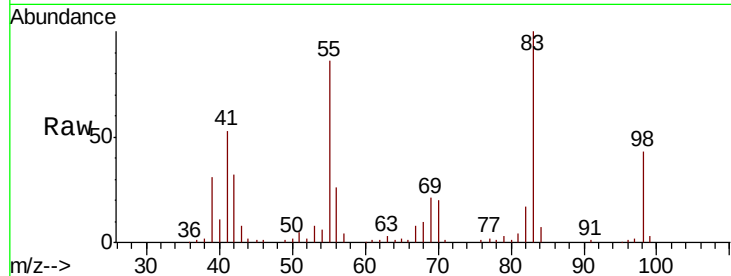




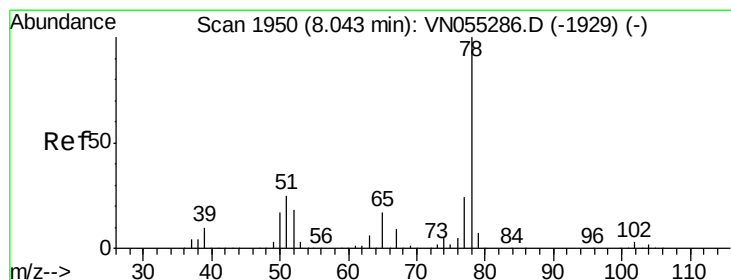
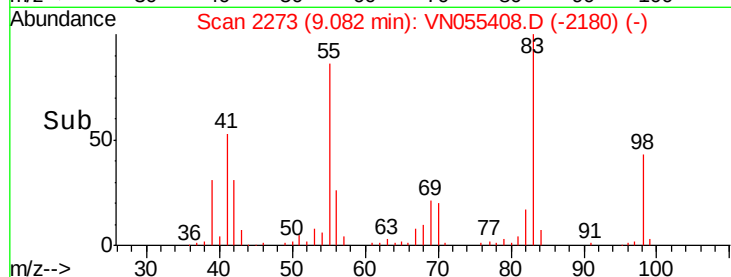
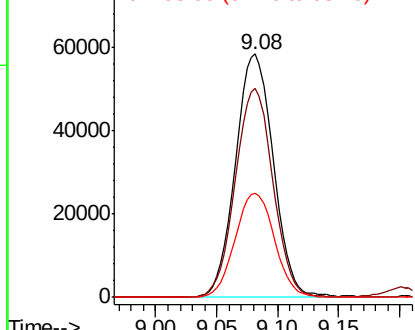
#39
Methylvlcyclohexane
Concen: 19.193 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055408.D
Acq: 6 May 2019 10:44

Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01

Tot Ion: 83 Resp: 125662
Ion Ratio Lower Upper
83 100
55 85.7 67.8 101.6
98 42.8 36.2 54.4

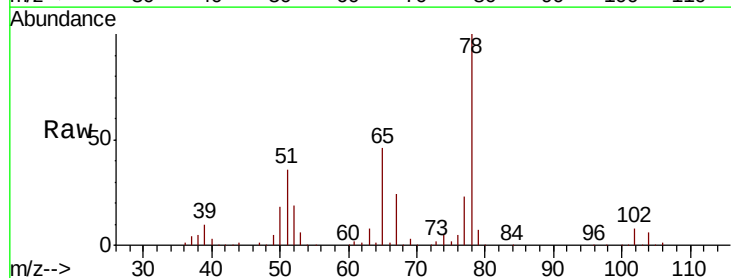


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

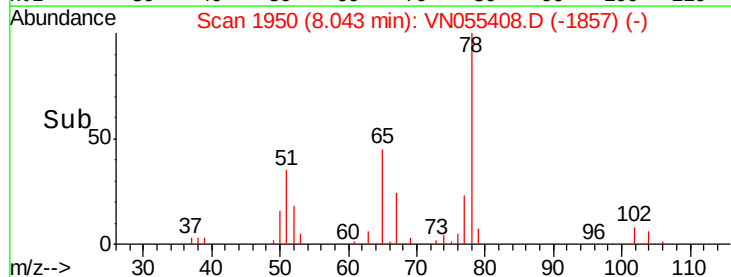
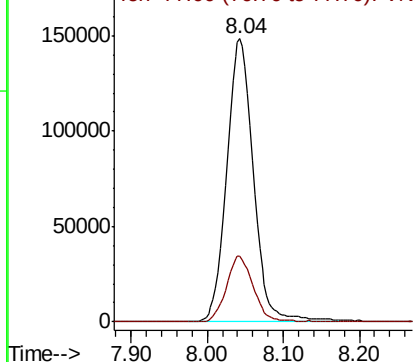


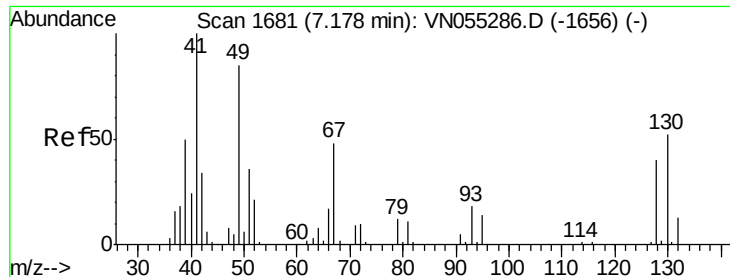
#40
Benzene
Concen: 20.004 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055408.D
Acq: 6 May 2019 10:44

Tgt Ion: 78 Resp: 363147
Ion Ratio Lower Upper
78 100
77 23.1 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: 22.113 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Instrument :

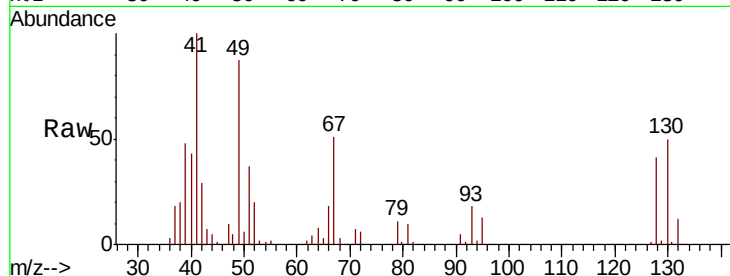
MSVOA_N

ClientSampled :

VN0506WBS01

Tot Ion: 41 Resp: 55413

Ion	Ratio	Lower	Upper
41	100		
39	48.3	48.5	72.7#
67	62.9	54.9	82.3
52	28.6	24.9	37.3

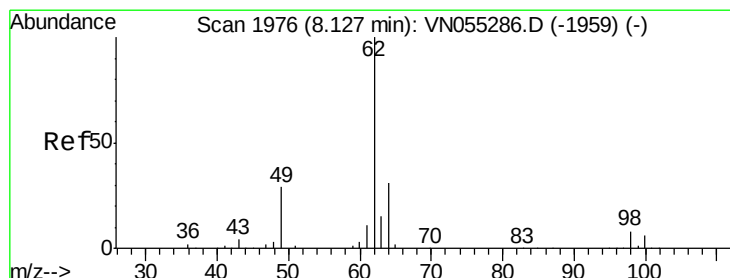
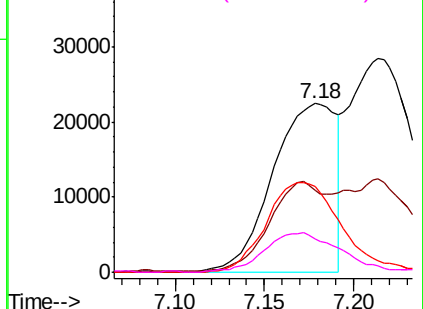
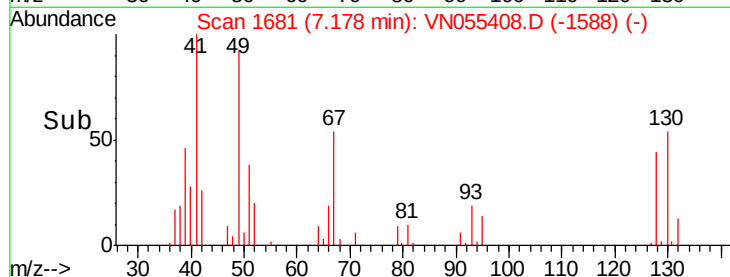


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 19.344 ug/l

RT: 8.13 min Scan# 1976

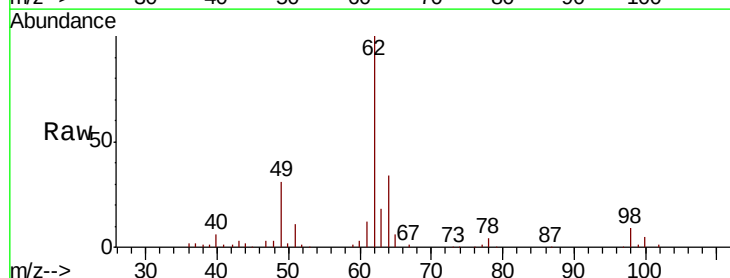
Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

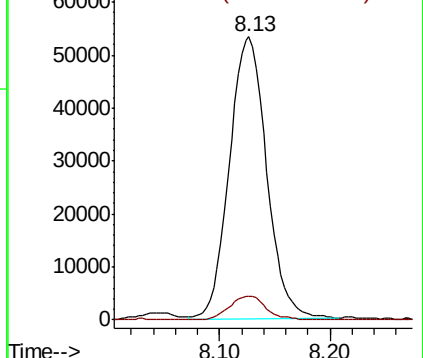
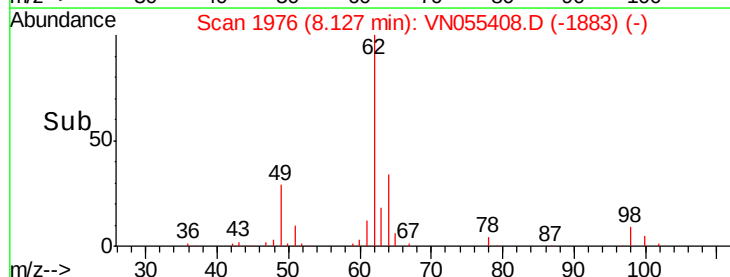
Tgt Ion: 62 Resp: 124372

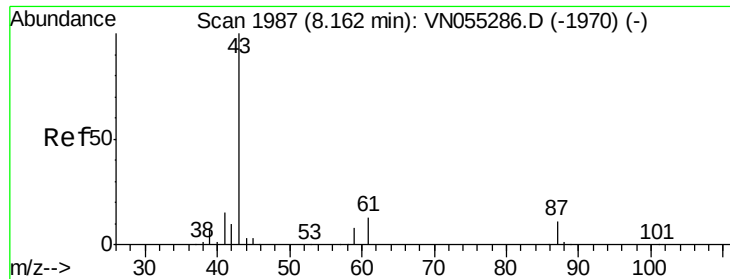
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 19.856 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBS01

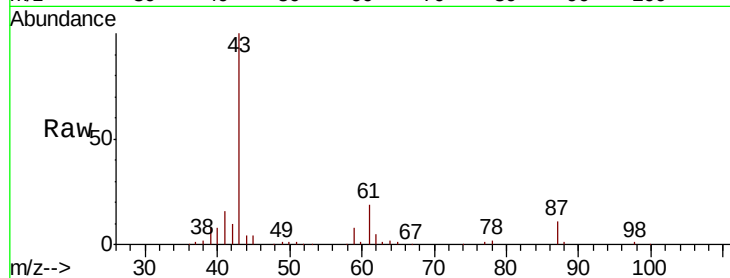
Tot Ion: 43 Resp: 150602

Ion Ratio Lower Upper

43 100

61 18.3 20.8 31.2#

87 10.8 8.5 12.7

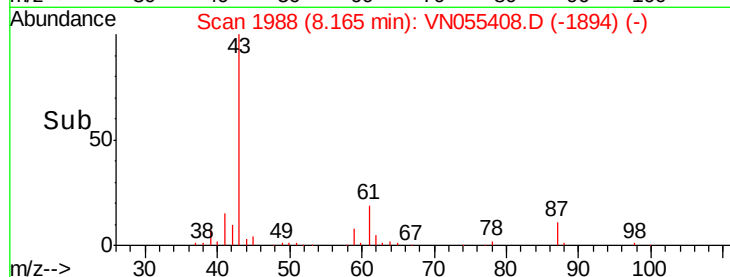


Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055286.D (-1970) (-)

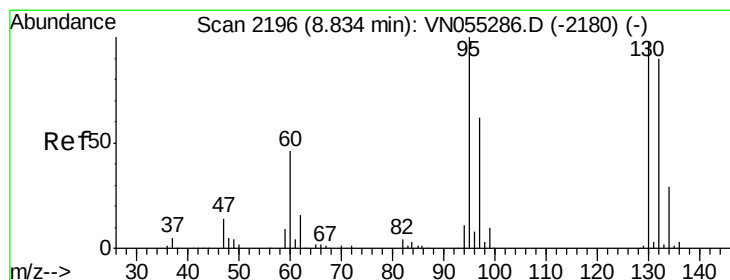
Ion 87.00 (86.70 to 87.70): VN055286.D (-1970) (-)

8.17



8.17

Time-->



#44

Trichloroethene

Concen: 19.297 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055408.D

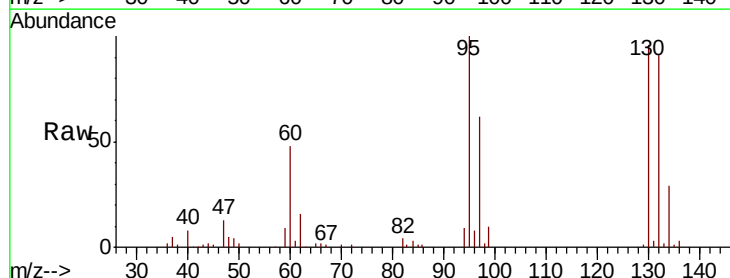
Acq: 6 May 2019 10:44

Tgt Ion:130 Resp: 89302

Ion Ratio Lower Upper

130 100

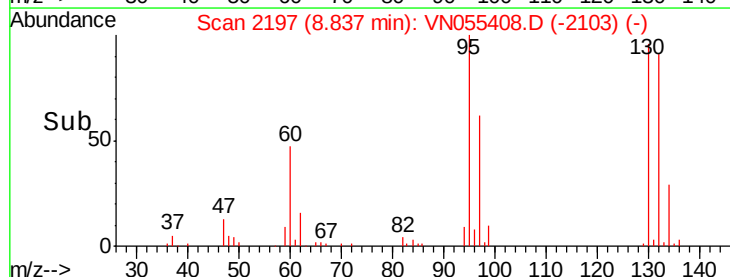
95 104.3 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): VN055286.D (-2180) (-)

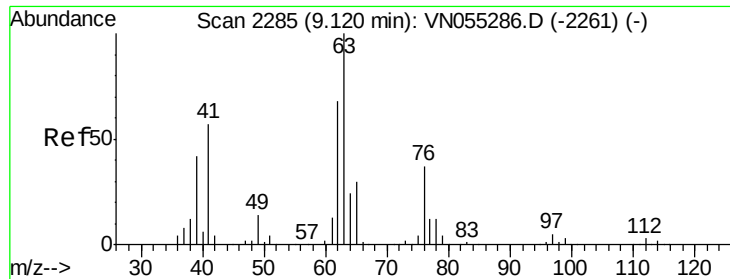
Ion 94.90 (94.60 to 95.60): VN055286.D (-2180) (-)

8.84



8.84

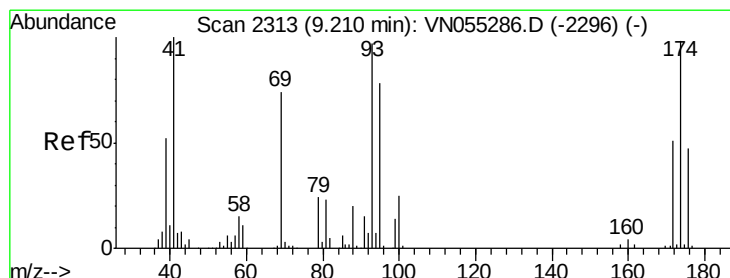
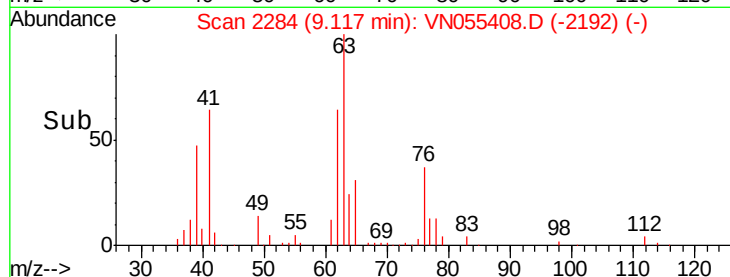
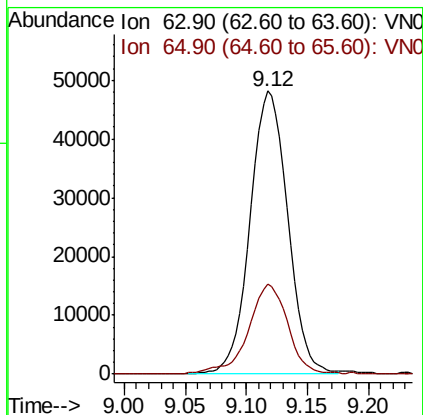
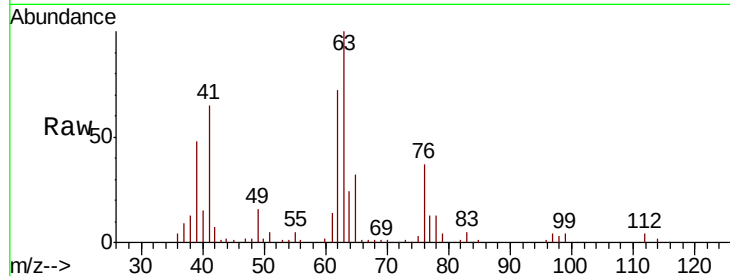
Time-->



#45
 1,2-Dichloropropane
 Concen: 19.657 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN055408.D
 Acq: 6 May 2019 10:44

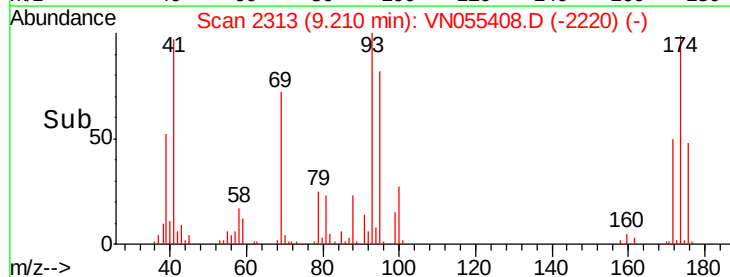
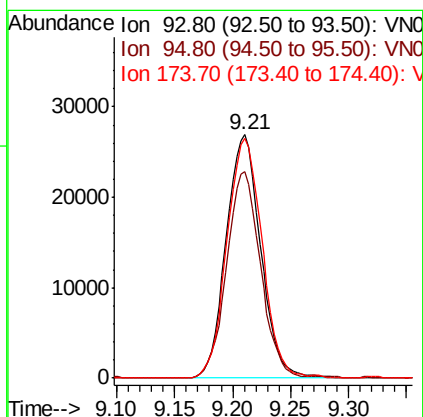
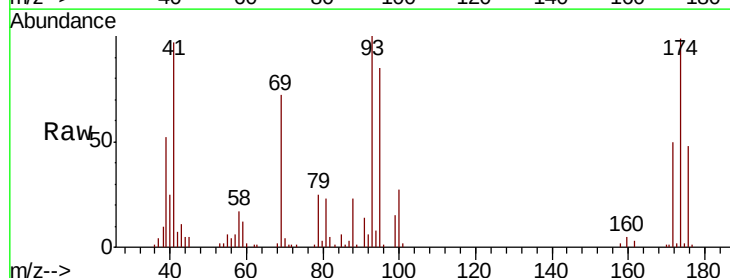
Instrument :
 MSVOA_N
 ClientSampled :
 VN0506WBS01

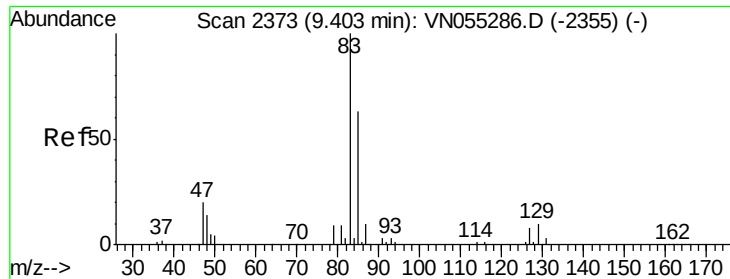
Tot Ion: 63 Resp: 102920
 Ion Ratio Lower Upper
 63 100
 65 31.3 23.9 35.9



#46
 Dibromomethane
 Concen: 19.401 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN055408.D
 Acq: 6 May 2019 10:44

Tgt Ion: 93 Resp: 55524
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.7 98.5
 174 100.0 81.5 122.3





#47

Bromodichloromethane

Concen: 20.169 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBS01

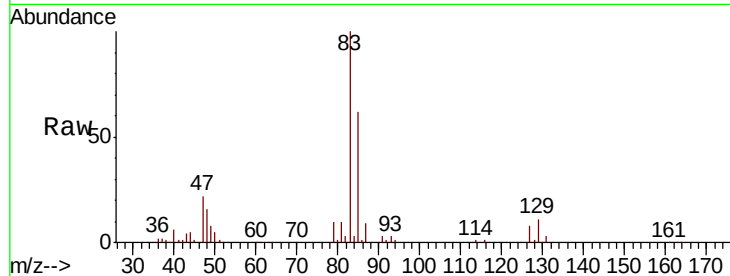
Tot Ion: 83 Resp: 123828

Ion Ratio Lower Upper

83 100

85 62.5 50.1 75.1

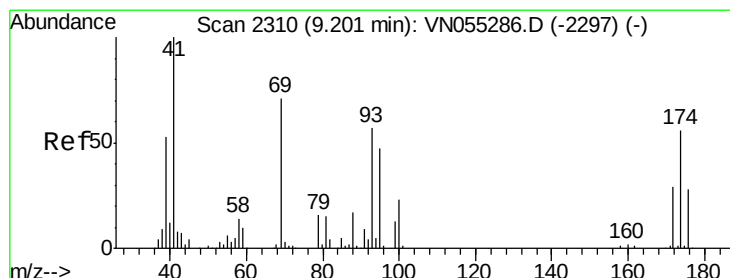
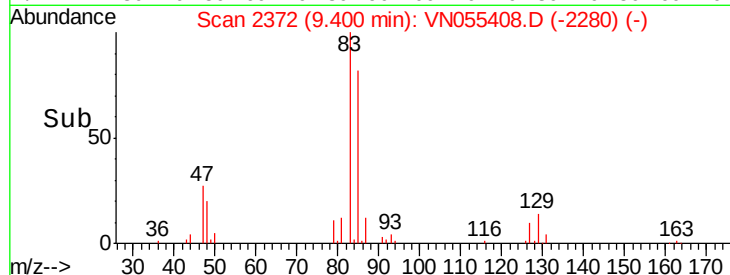
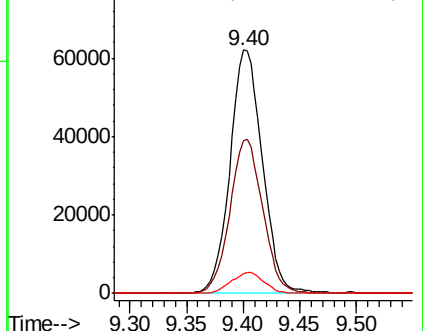
127 8.0 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN055408.D (-2355) (-)

Ion 84.90 (84.60 to 85.60): VN055408.D (-2355) (-)

Ion 126.80 (126.50 to 127.50): VN055408.D (-2355) (-)



#48

Methyl methacrylate

Concen: 19.018 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

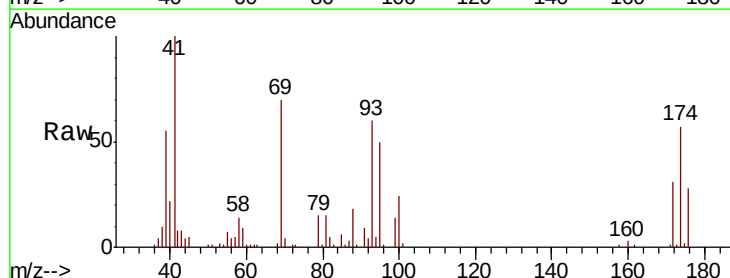
Tgt Ion: 41 Resp: 70913

Ion Ratio Lower Upper

41 100

69 74.2 58.6 87.8

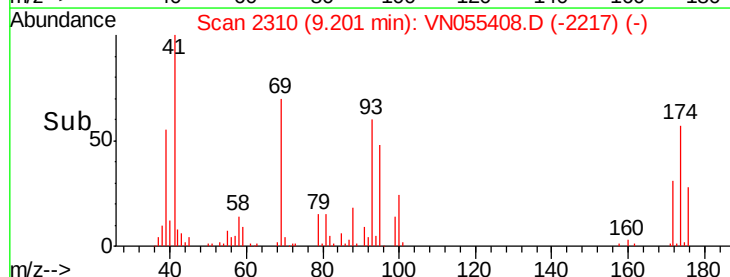
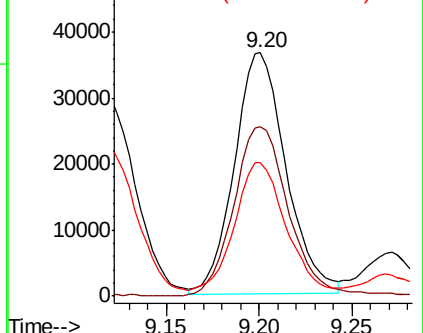
39 55.2 43.8 65.6

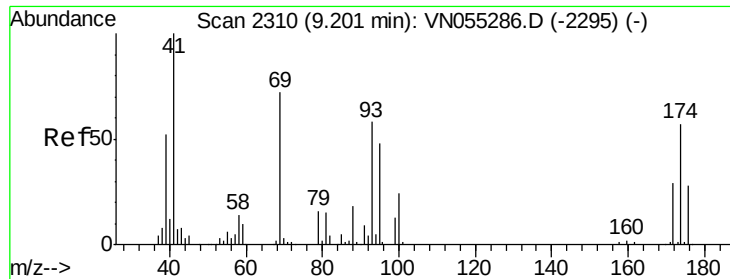


Abundance Ion 41.00 (40.70 to 41.70): VN055408.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN055408.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN055408.D (-2297) (-)





#49

1,4-Dioxane

Concen: 365.526 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBS01

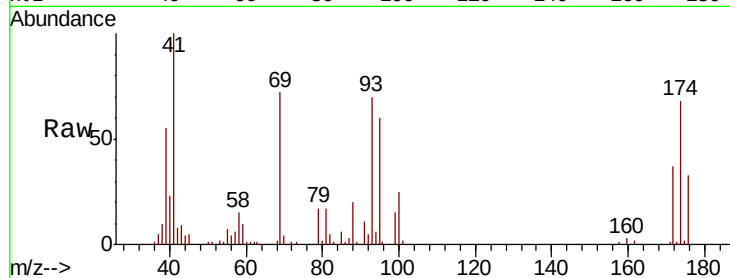
Tot Ion: 88 Resp: 14089

Ion Ratio Lower Upper

88 100

43 39.4 33.3 49.9

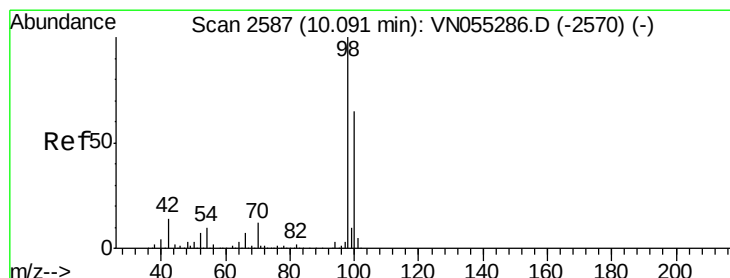
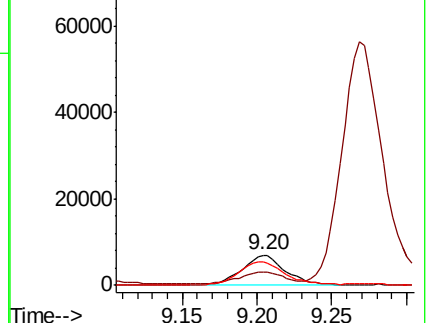
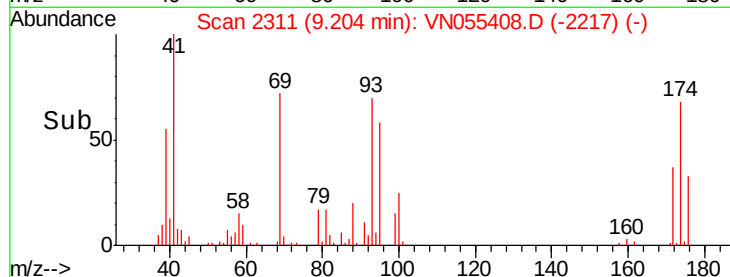
58 83.8 62.7 94.1



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: 49.808 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055408.D

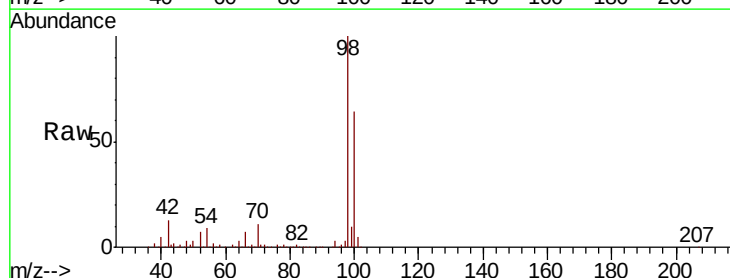
Acq: 6 May 2019 10:44

Tgt Ion: 98 Resp: 758945

Ion Ratio Lower Upper

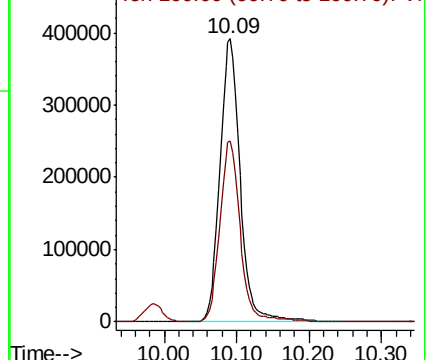
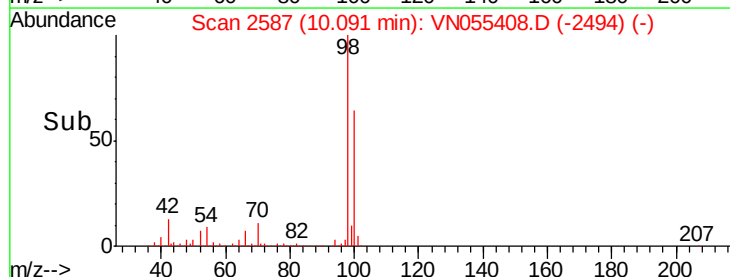
98 100

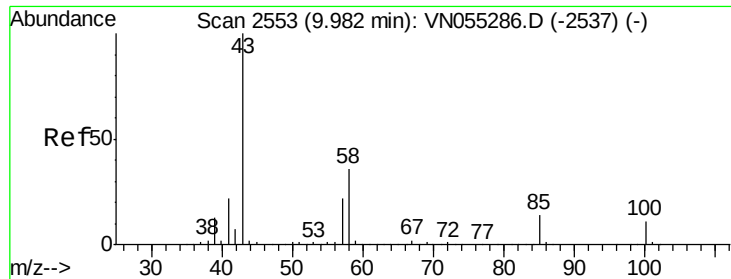
100 64.4 51.7 77.5



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: 99.652 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Instrument :

MSVOA_N

ClientSampled :

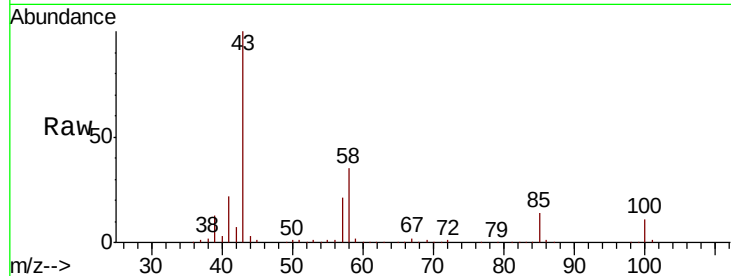
VN0506WBS01

Tot Ion: 43 Resp: 425544

Ion Ratio Lower Upper

43 100

58 34.6 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN055286.D (-2537) (-)

9.99

250000

200000

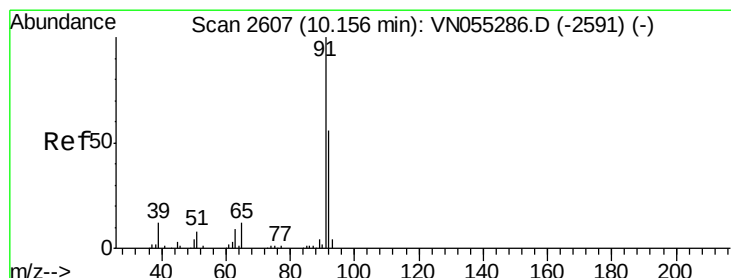
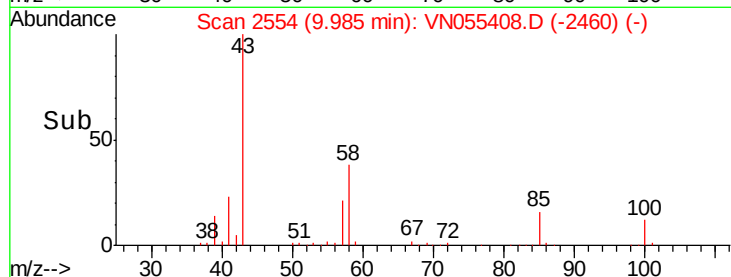
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.734 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN055408.D

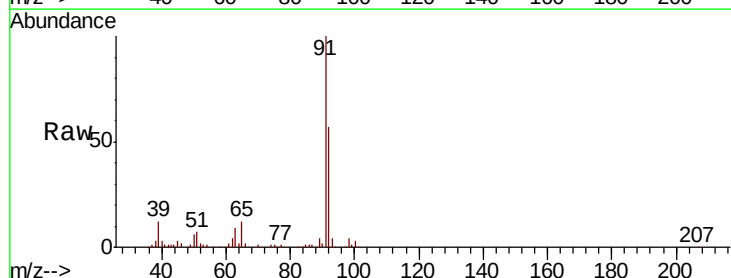
Acq: 6 May 2019 10:44

Tgt Ion: 92 Resp: 205545

Ion Ratio Lower Upper

92 100

91 176.6 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VN055286.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN055286.D (-2591) (-)

200000

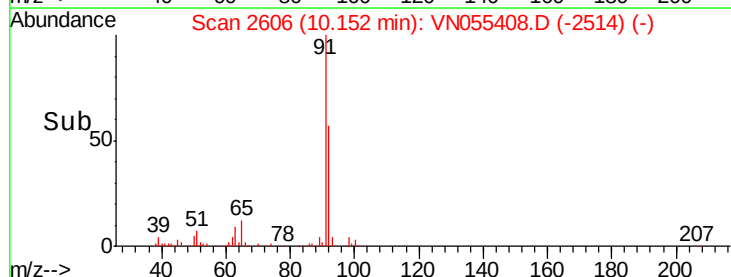
150000

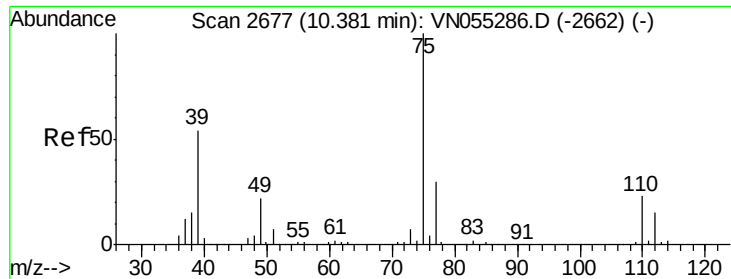
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.008 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Instrument :

MSVOA_N

ClientSampleId :

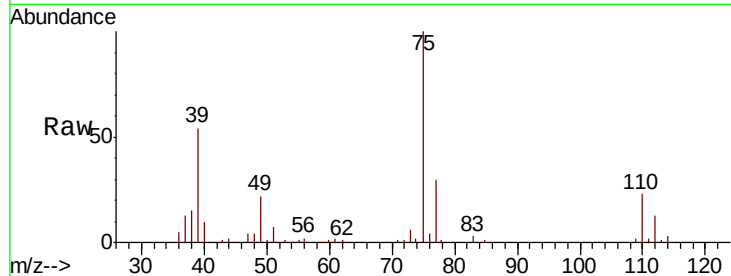
VN0506WBS01

Tot Ion: 75 Resp: 106639

Ion Ratio Lower Upper

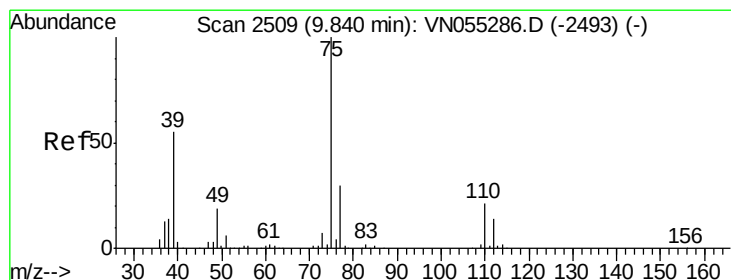
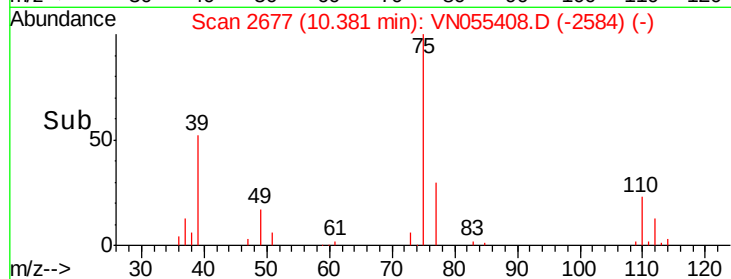
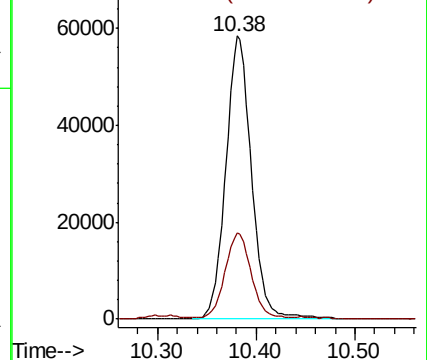
75 100

77 30.4 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: 20.357 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

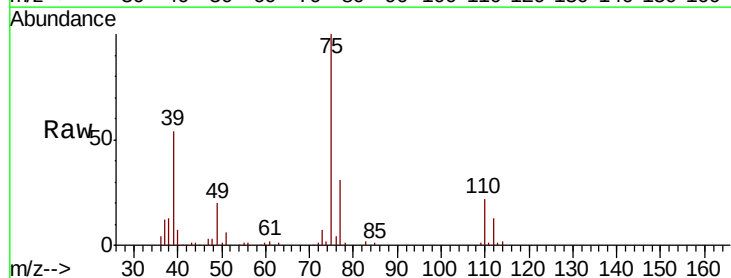
Tgt Ion: 75 Resp: 135275

Ion Ratio Lower Upper

75 100

77 31.1 24.2 36.2

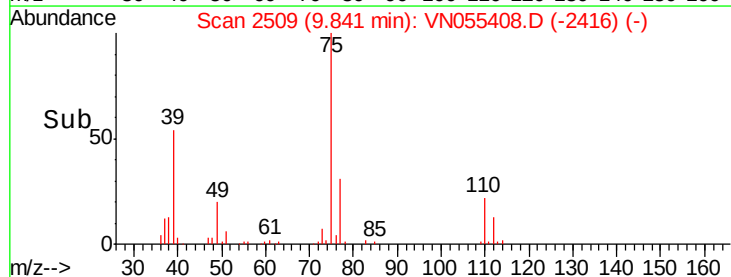
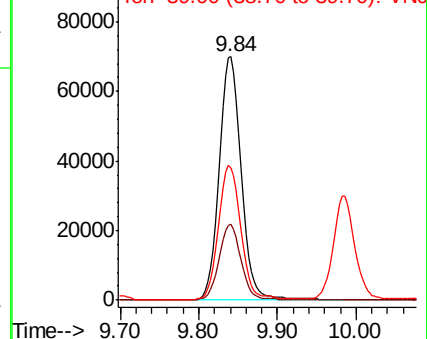
39 54.1 44.2 66.2

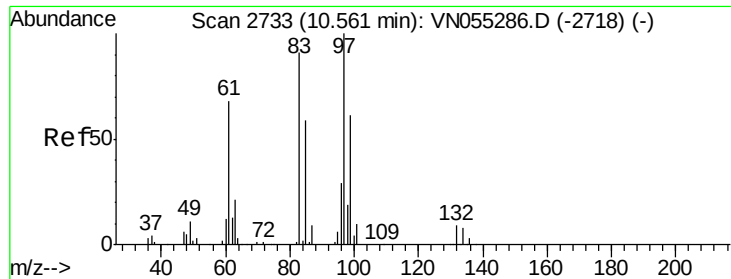


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 20.001 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Instrument :

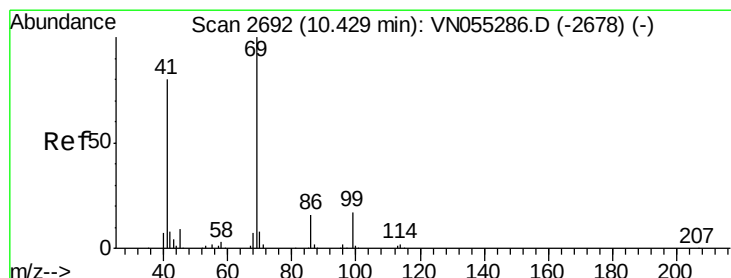
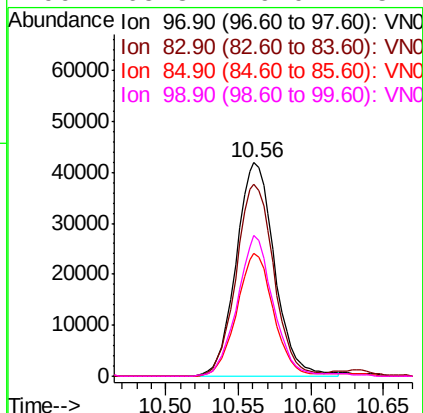
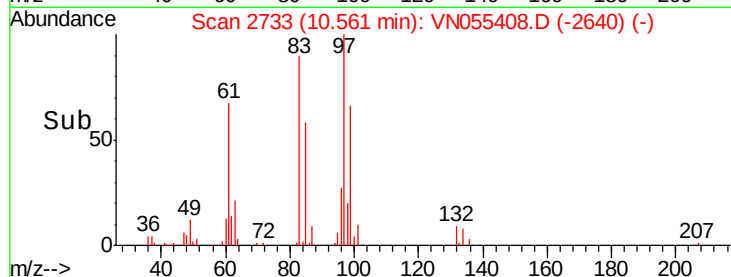
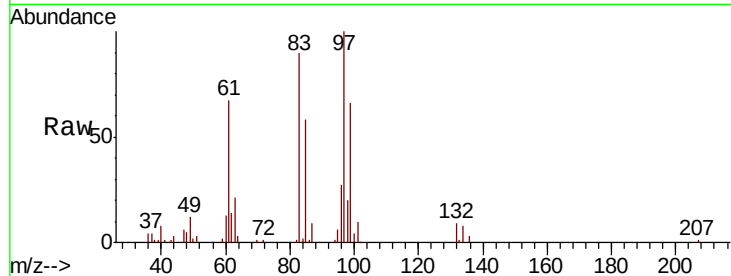
MSVOA_N

ClientSampleId :

VN0506WBS01

Tot Ion: 97 Resp: 77361

Ion	Ratio	Lower	Upper
97	100		
83	90.0	72.8	109.2
85	57.5	47.0	70.6
99	65.8	49.0	73.4



#56

Ethyl methacrylate

Concen: 19.375 ug/l

RT: 10.43 min Scan# 2692

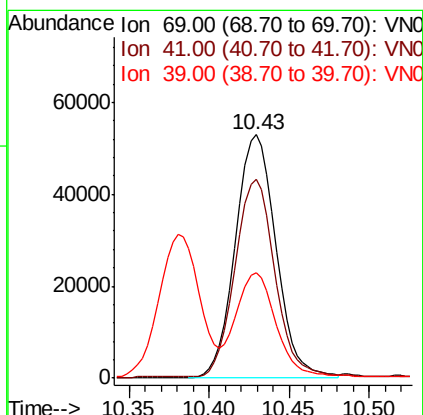
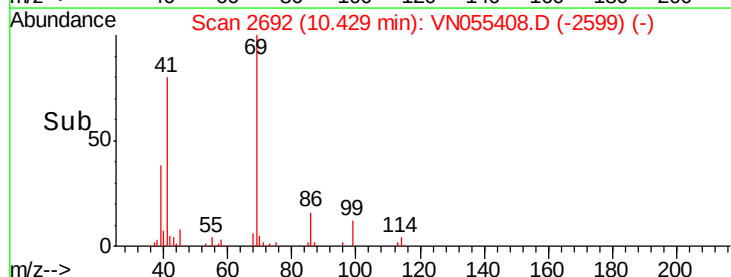
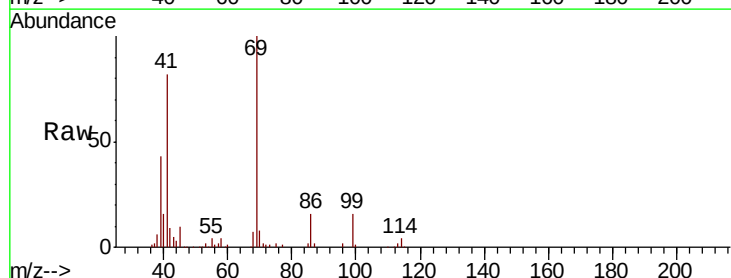
Delta R.T. 0.00 min

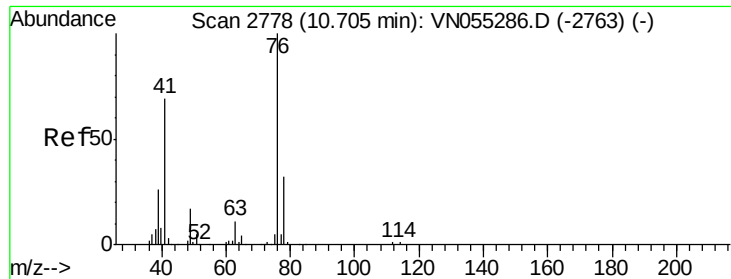
Lab File: VN055408.D

Acq: 6 May 2019 10:44

Tgt Ion: 69 Resp: 92239

Ion	Ratio	Lower	Upper
69	100		
41	79.6	62.7	94.1
39	42.1	32.0	48.0





#57

1,3-Dichloropropane

Concen: 20.265 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Instrument :

MSVOA_N

ClientSampled :

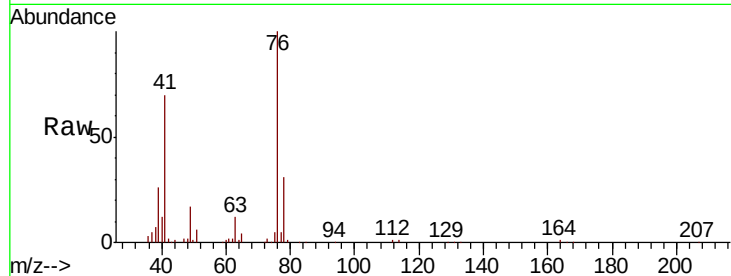
VN0506WBS01

Tot Ion: 76 Resp: 137502

Ion Ratio Lower Upper

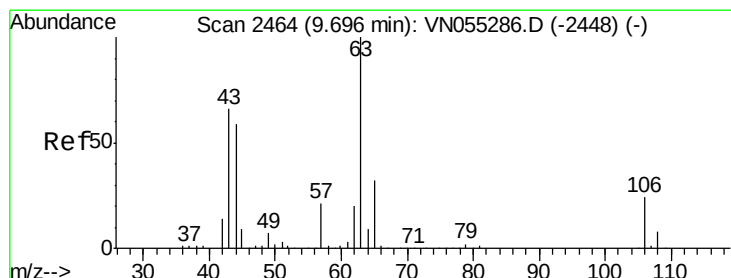
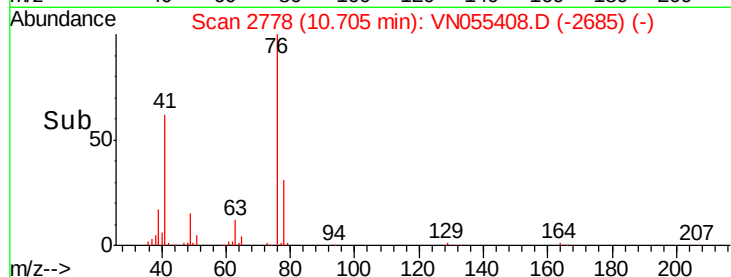
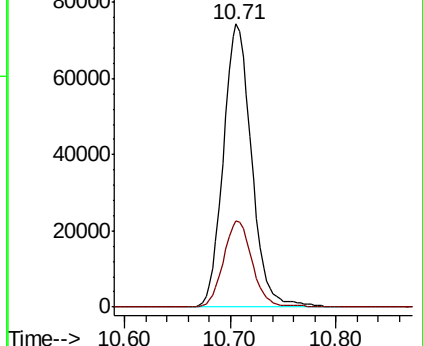
76 100

78 31.1 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: 66.977 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055408.D

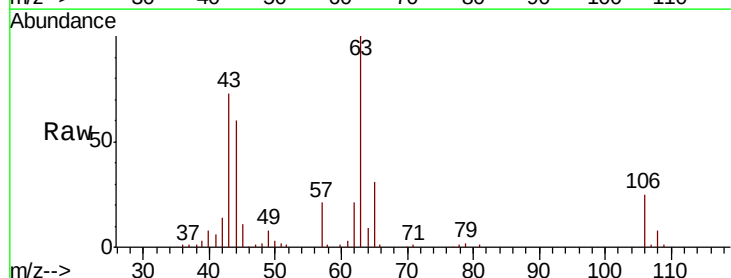
Acq: 6 May 2019 10:44

Tgt Ion: 63 Resp: 84840

Ion Ratio Lower Upper

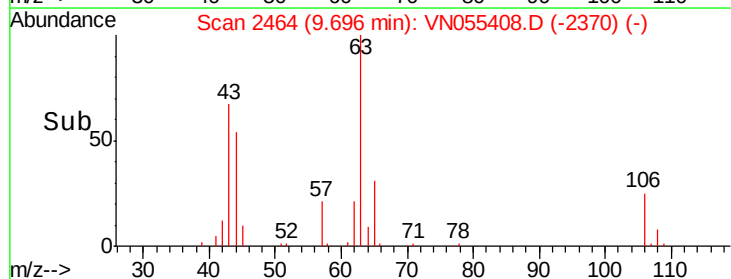
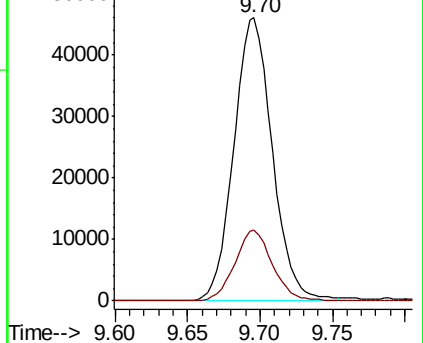
63 100

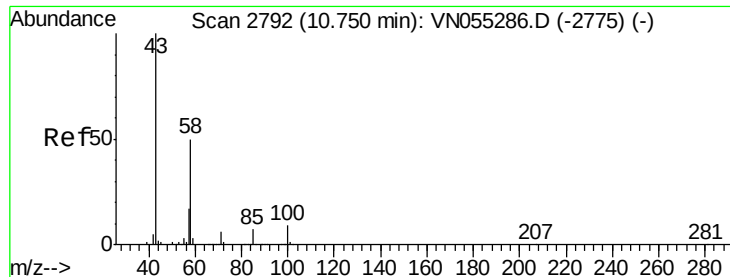
106 24.3 19.0 28.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

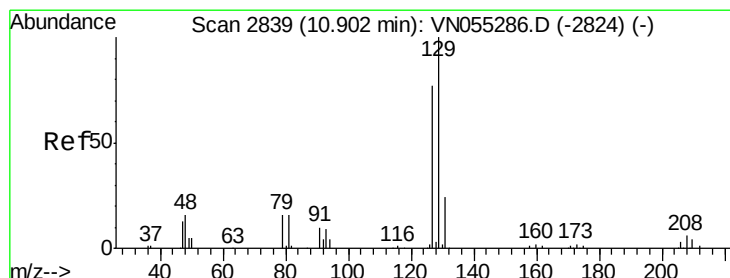
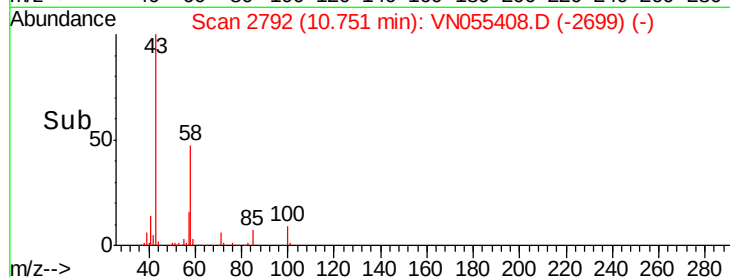
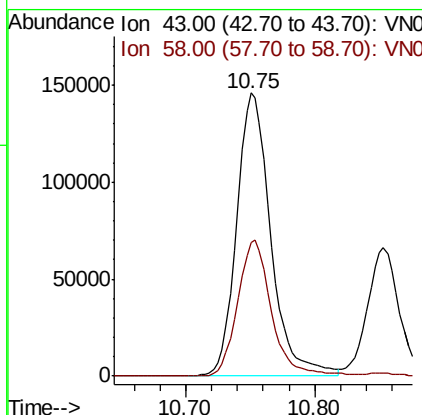
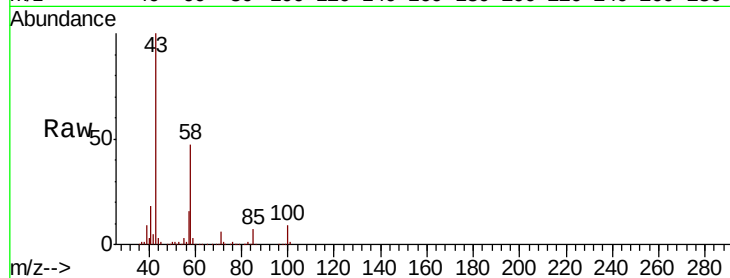




#59
2-Hexanone
Concen: 99.942 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055408.D
Acq: 6 May 2019 10:44

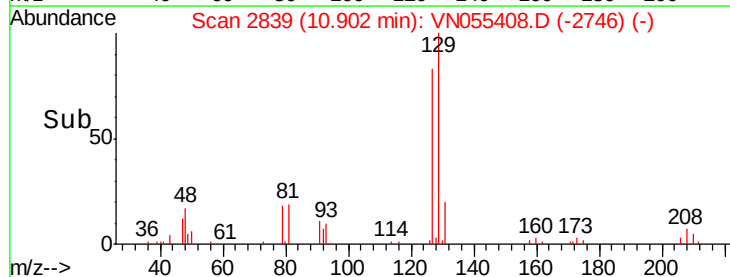
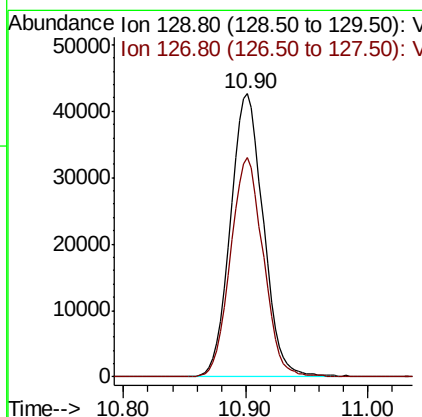
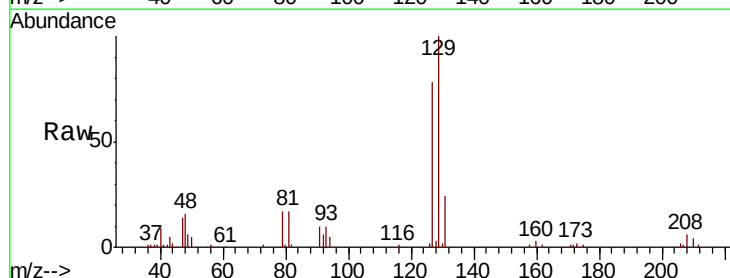
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01

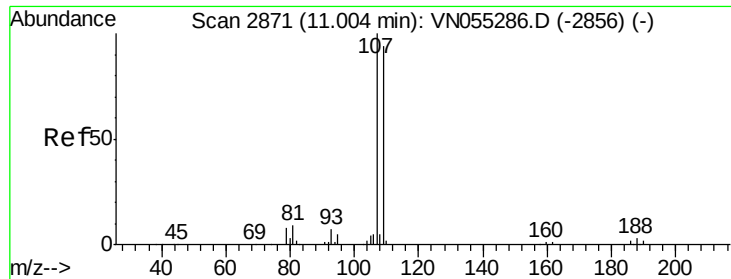
Tot Ion: 43 Resp: 267034
Ion Ratio Lower Upper
43 100
58 47.8 24.9 74.6



#60
Dibromochloromethane
Concen: 20.191 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055408.D
Acq: 6 May 2019 10:44

Tgt Ion: 129 Resp: 79818
Ion Ratio Lower Upper
129 100
127 77.2 38.1 114.5

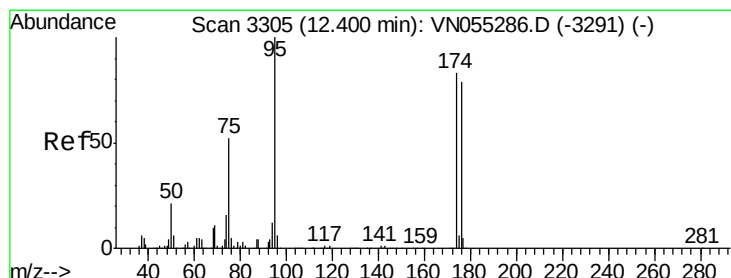
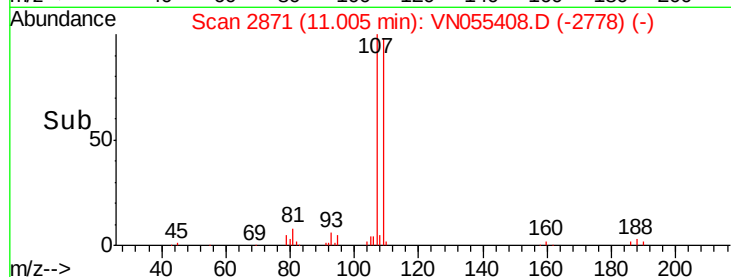
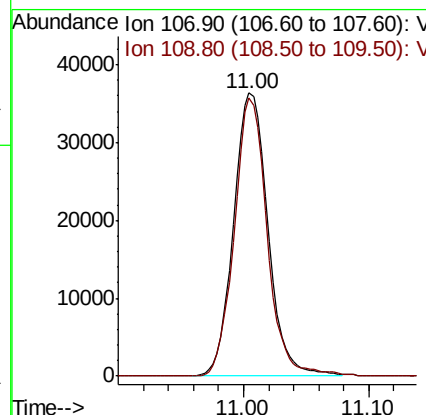
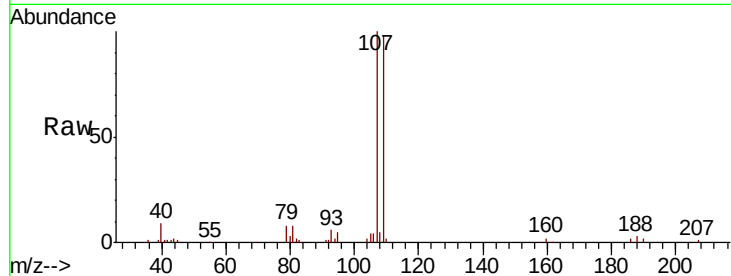




#61
 1,2-Dibromoethane
 Concen: 19.375 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN055408.D
 Acq: 6 May 2019 10:44

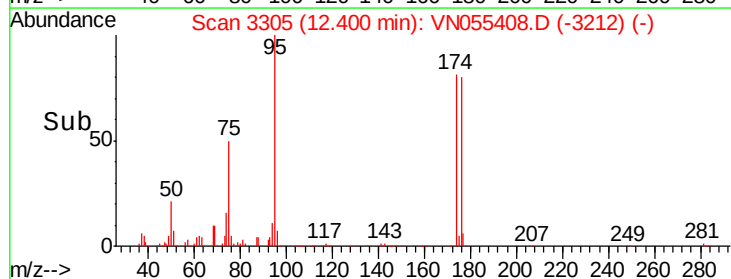
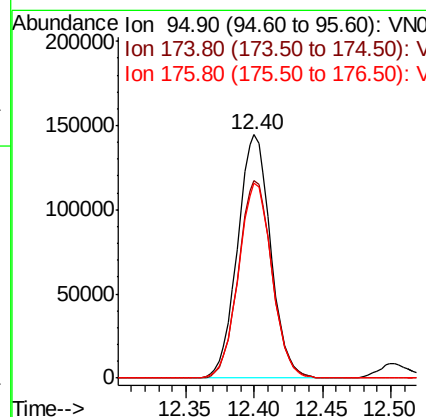
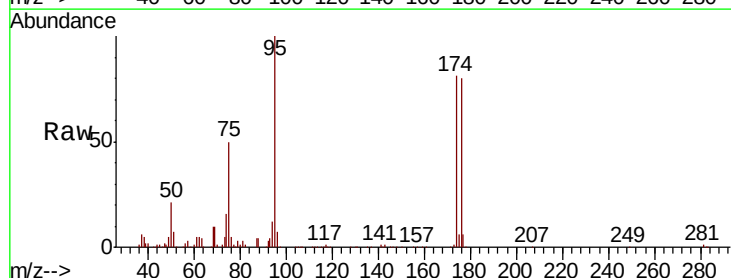
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506WBS01

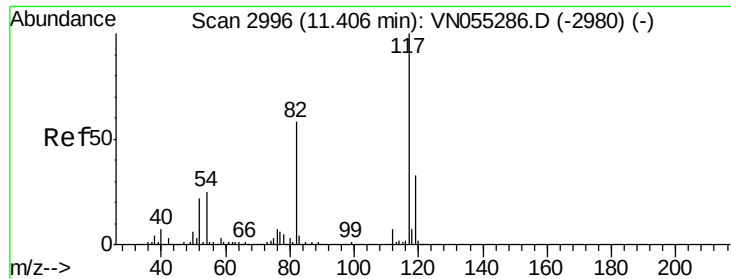
Tot Ion:107 Resp: 69266
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 51.077 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055408.D
 Acq: 6 May 2019 10:44

Tgt Ion: 95 Resp: 243241
 Ion Ratio Lower Upper
 95 100
 174 81.9 0.0 166.6
 176 80.8 0.0 157.8

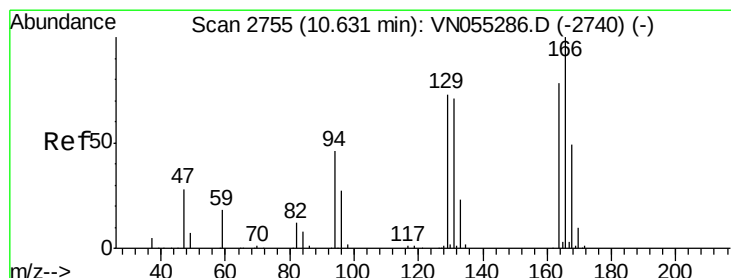
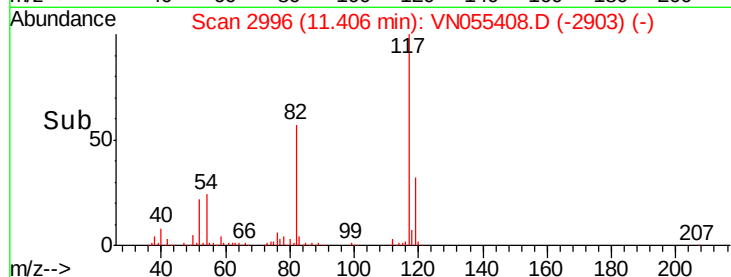
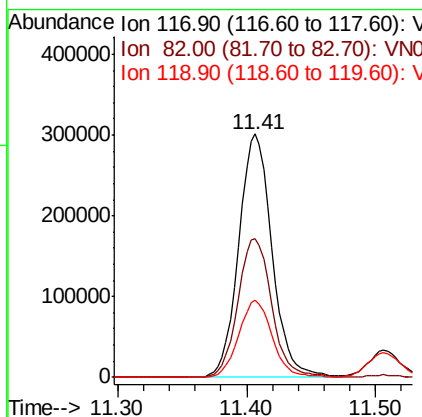
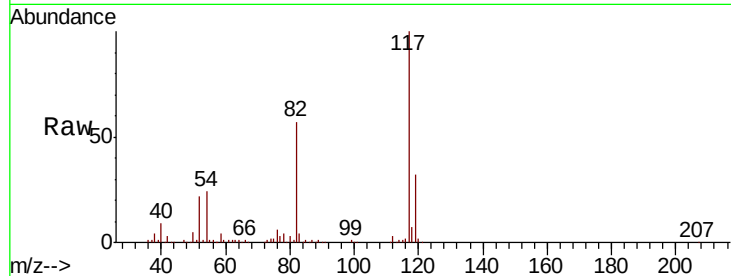




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055408.D
Acq: 6 May 2019 10:44

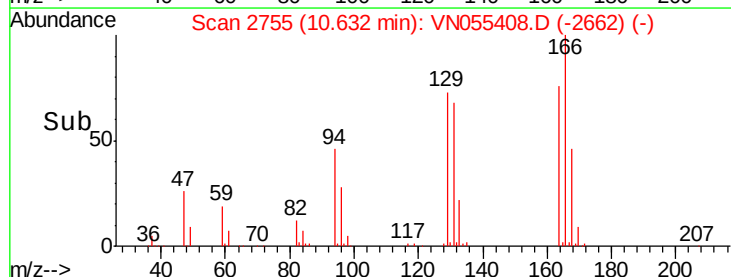
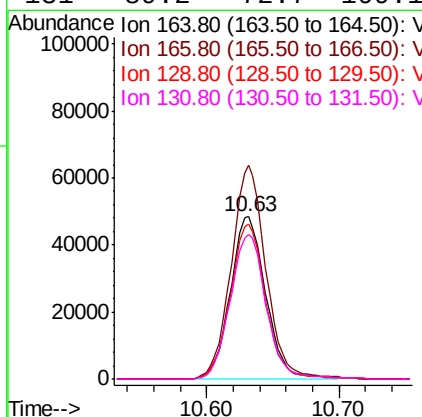
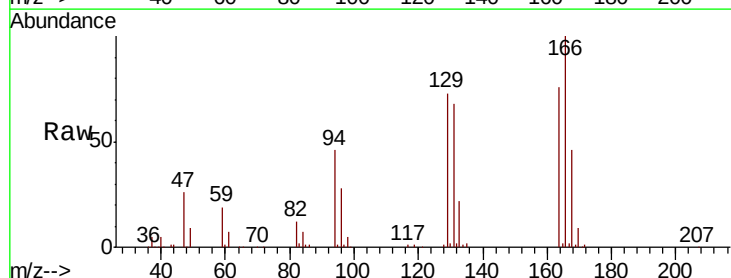
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01

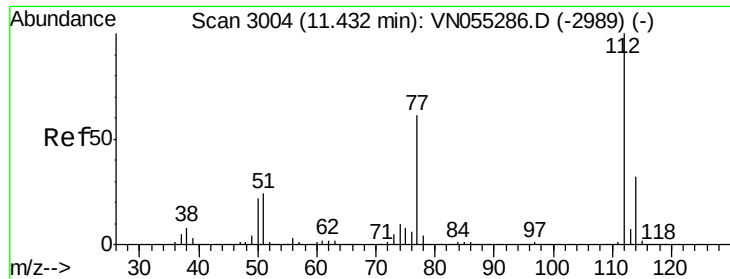
Tot Ion:117 Resp: 541243
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.4
119 31.5 26.6 40.0



#64
Tetrachloroethene
Concen: 20.339 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055408.D
Acq: 6 May 2019 10:44

Tgt Ion:164 Resp: 90022
Ion Ratio Lower Upper
164 100
166 131.4 102.3 153.5
129 95.5 75.0 112.6
131 89.2 72.7 109.1

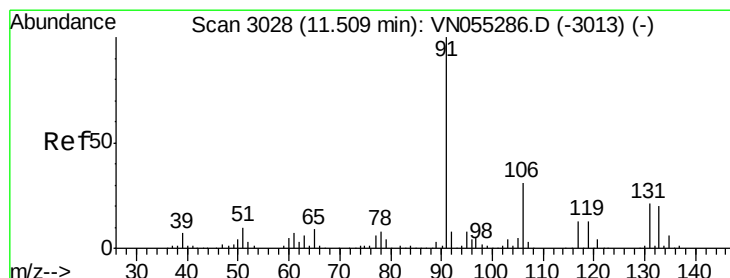
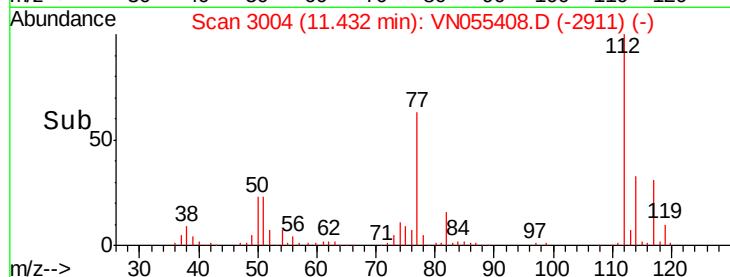
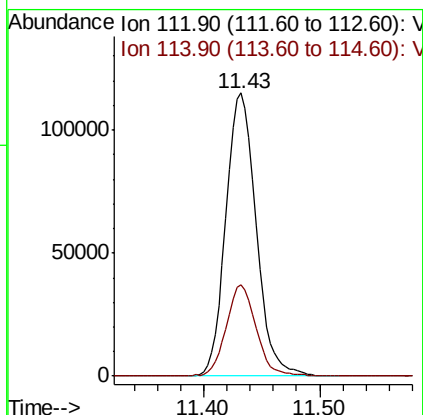
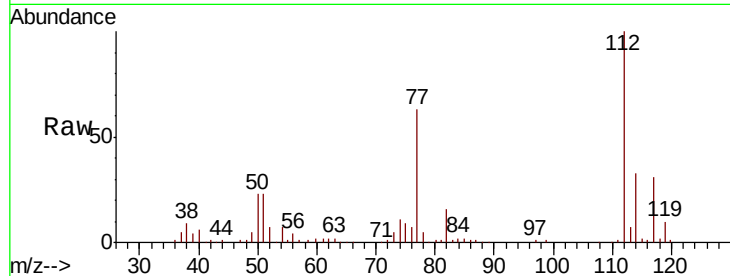




#65
Chlorobenzene
Concen: 19.629 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055408.D
Acq: 6 May 2019 10:44

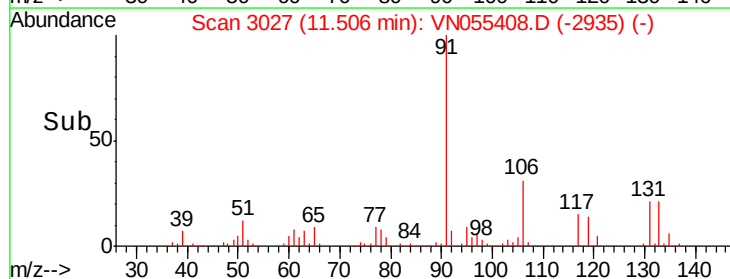
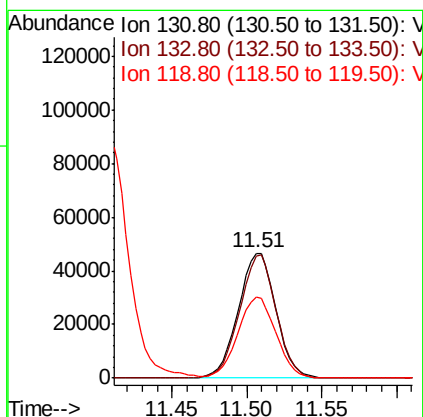
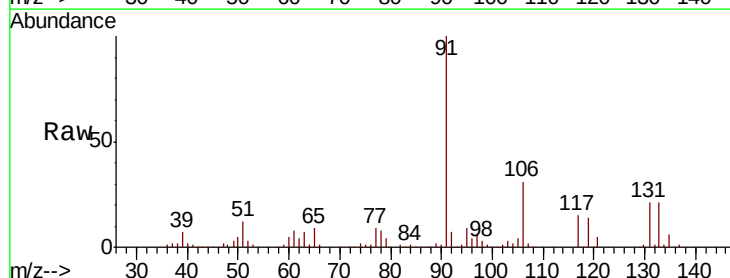
Instrument :
MSVOA_N
ClientSampled :
VN0506WBS01

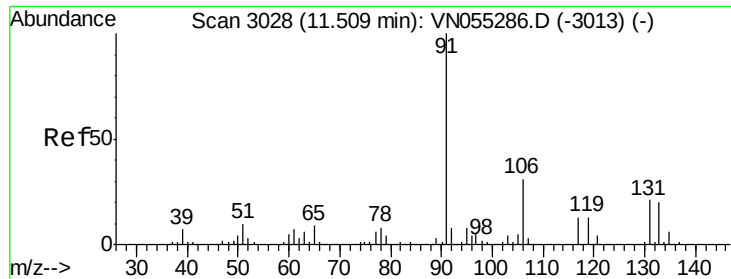
Tot Ion:112 Resp: 207715
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.627 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055408.D
Acq: 6 May 2019 10:44

Tgt Ion:131 Resp: 81326
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.6
119 65.9 32.7 98.1

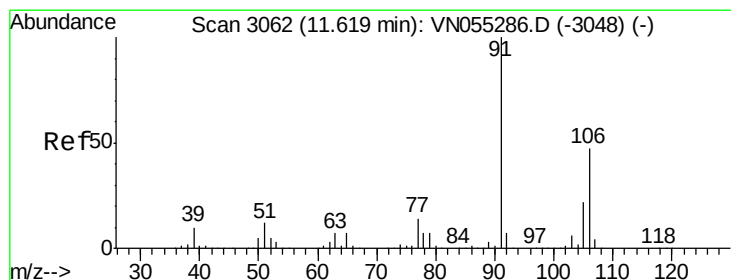
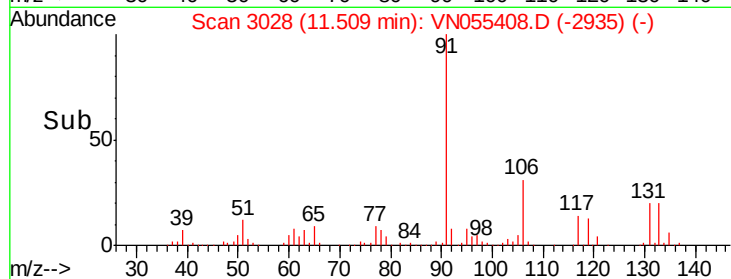
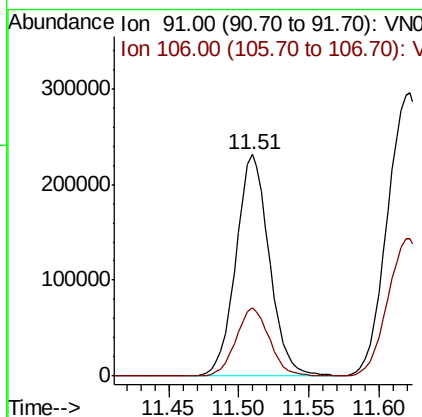
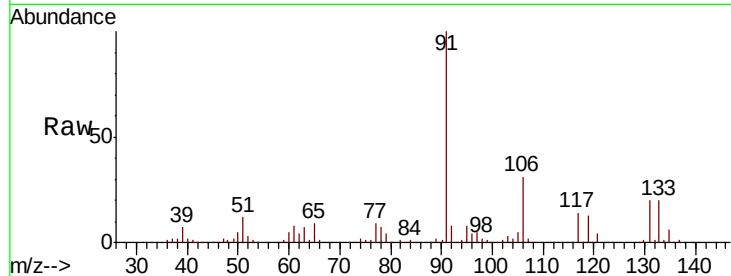




#67
Ethyl Benzene
Concen: 20.092 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055408.D
Acq: 6 May 2019 10:44

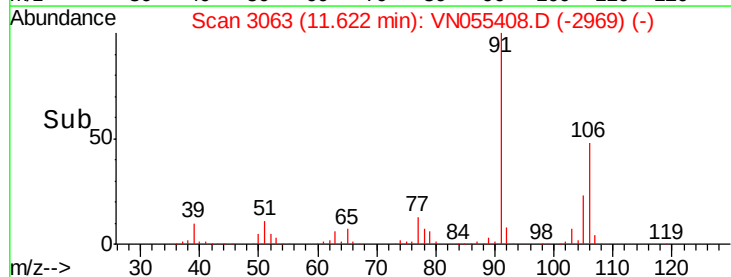
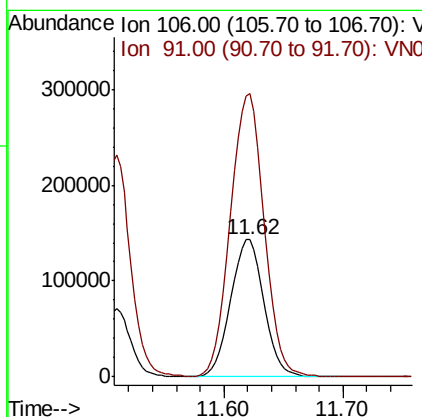
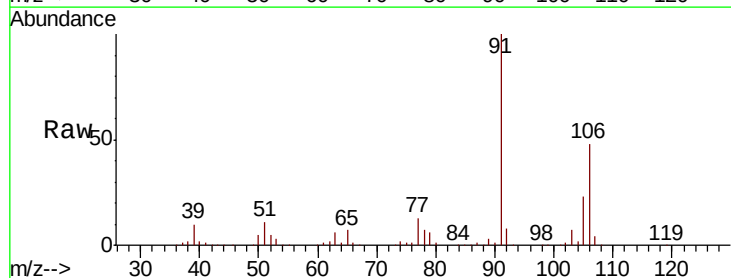
Instrument :
MSVOA_N
ClientSampled :
VN0506WBS01

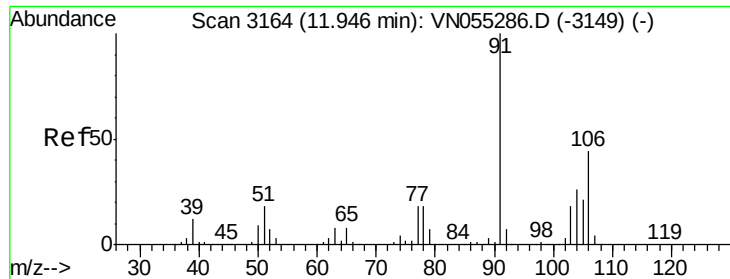
Tot Ion: 91 Resp: 383934
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8



#68
m/p-Xylenes
Concen: 40.770 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055408.D
Acq: 6 May 2019 10:44

Tgt Ion: 106 Resp: 278087
Ion Ratio Lower Upper
106 100
91 208.3 169.5 254.3

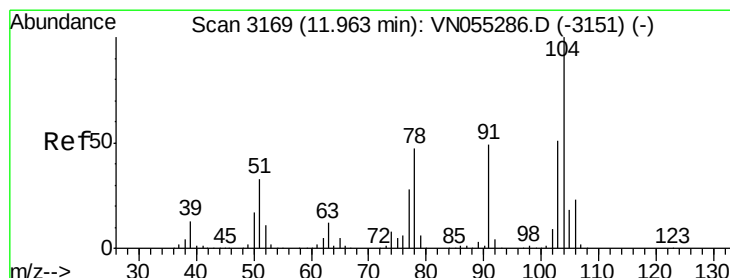
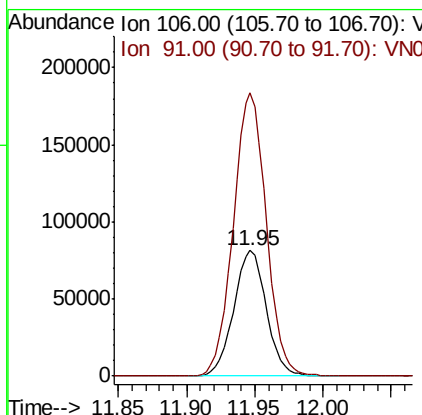
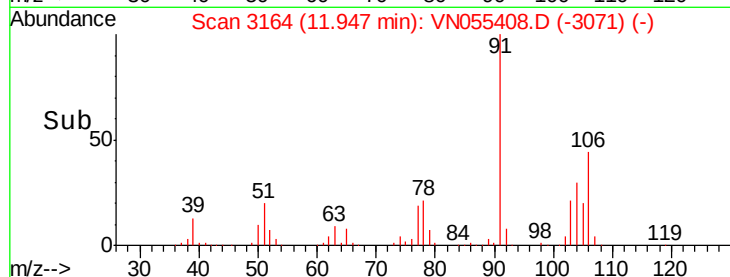
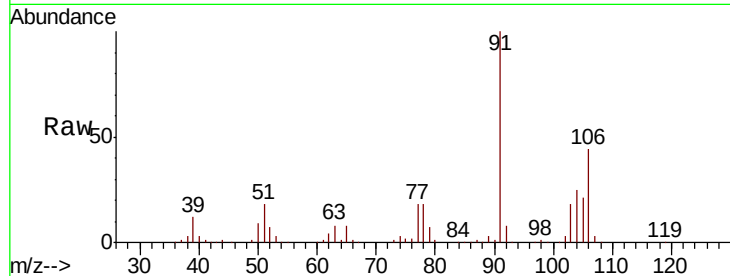




#69
o-Xylene
Concen: 19.971 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055408.D
Acq: 6 May 2019 10:44

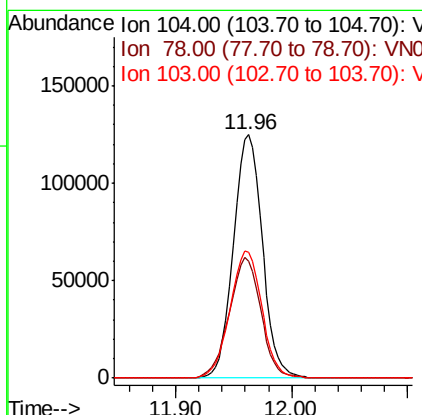
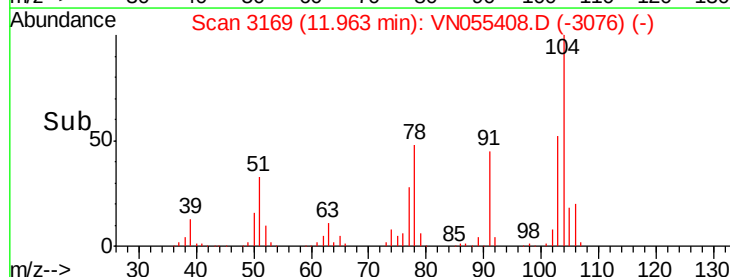
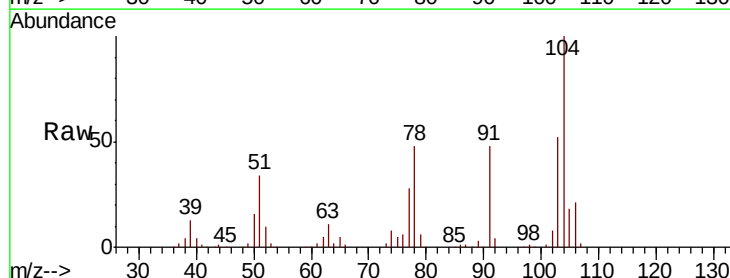
Instrument :
MSVOA_N
ClientSampled :
VN0506WBS01

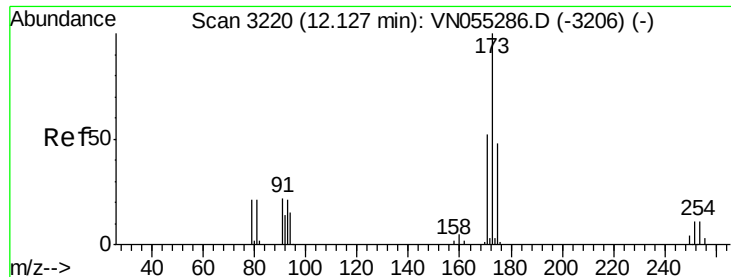
Tot Ion:106 Resp: 135015
Ion Ratio Lower Upper
106 100
91 227.8 111.5 334.5



#70
Styrene
Concen: 20.812 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055408.D
Acq: 6 May 2019 10:44

Tgt Ion:104 Resp: 216031
Ion Ratio Lower Upper
104 100
78 54.1 42.2 63.2
103 57.3 44.6 67.0





#71

Bromoform

Concen: 20.879 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBS01

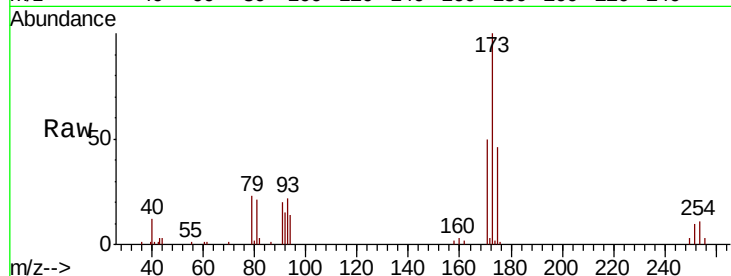
Tot Ion:173 Resp: 48005

Ion Ratio Lower Upper

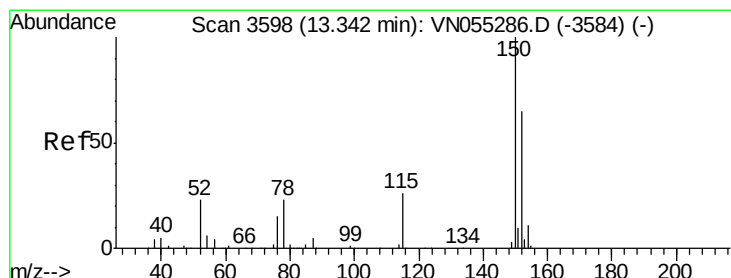
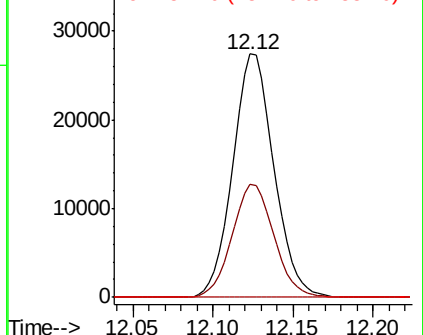
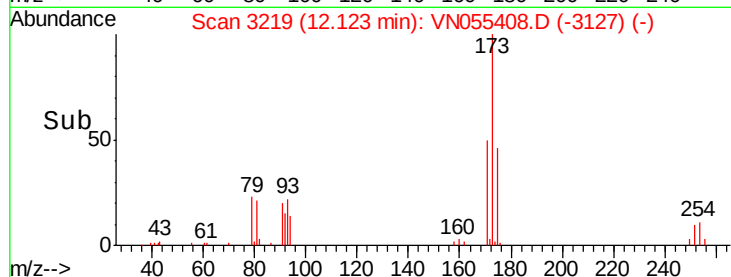
173 100

175 46.9 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: VN055408.D

Acq: 6 May 2019 10:44

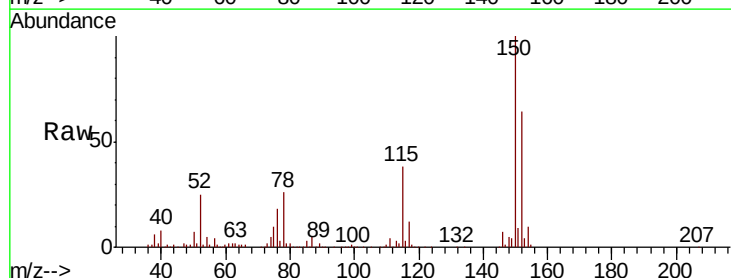
Tgt Ion:152 Resp: 203025

Ion Ratio Lower Upper

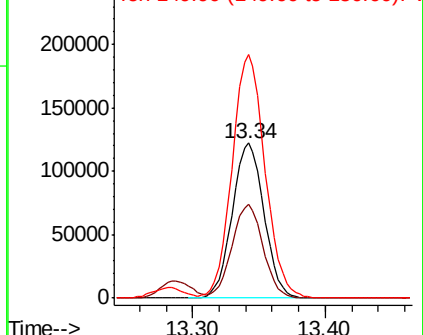
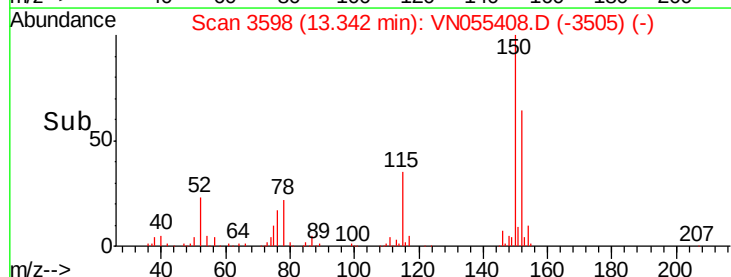
152 100

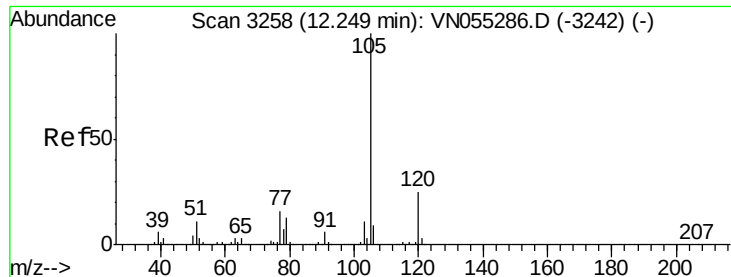
115 59.2 29.0 87.0

150 162.8 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: 21.136 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Instrument :

MSVOA_N

ClientSampled :

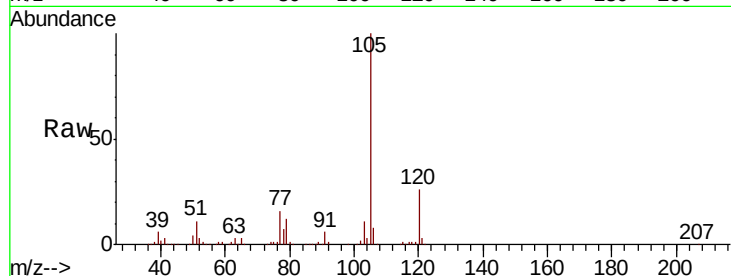
VN0506WBS01

Tot Ion:105 Resp: 370929

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

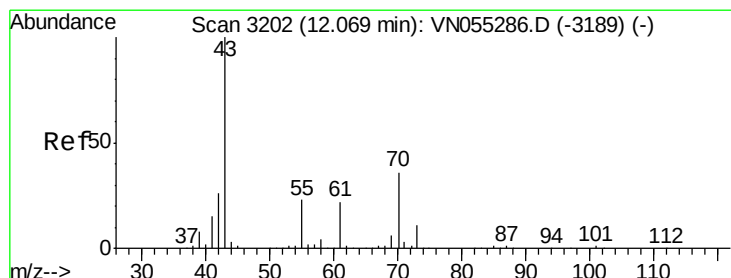
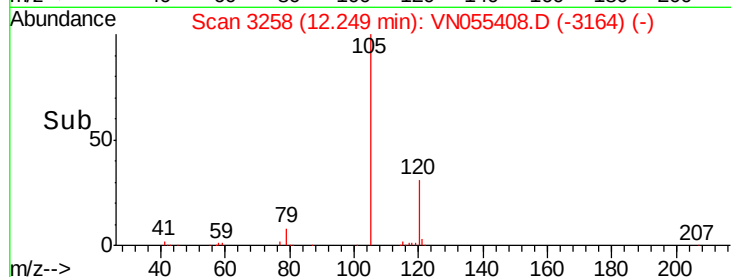
0

12.20

12.25

12.30

Time-->



#74

N-ethyl acetate

Concen: 17.350 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Tgt Ion: 43 Resp: 90400

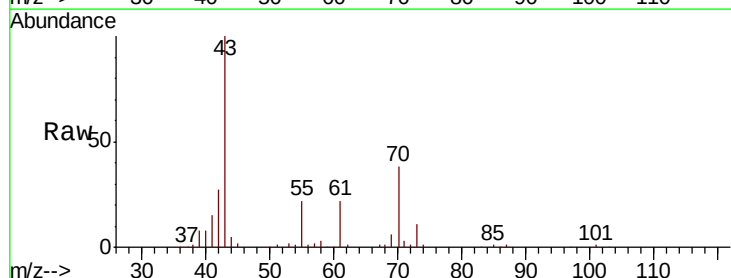
Ion Ratio Lower Upper

43 100

70 36.6 27.9 41.9

55 23.9 18.2 27.2

61 21.8 16.9 25.3



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

80000

60000

40000

20000

0

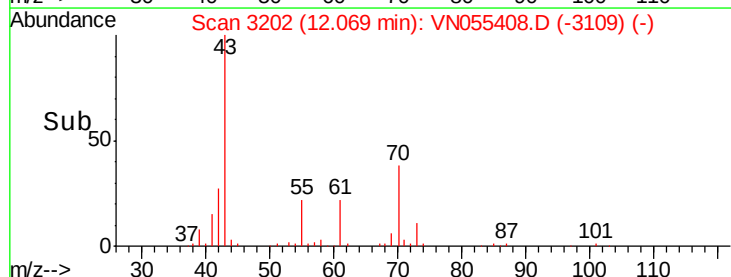
12.00

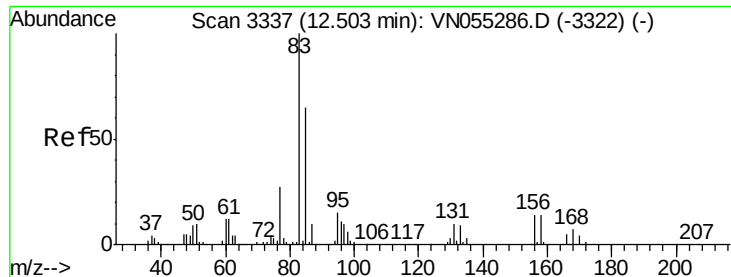
12.05

12.10

12.15

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.139 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBS01

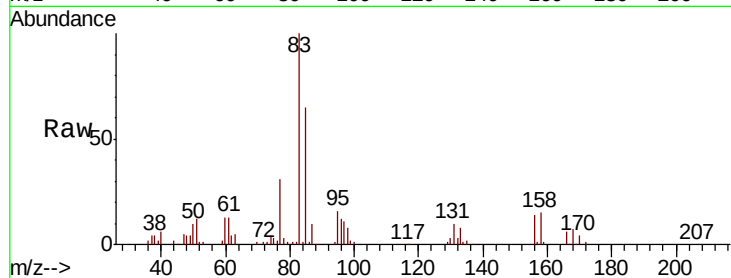
Tot Ion: 83 Resp: 88650

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.2

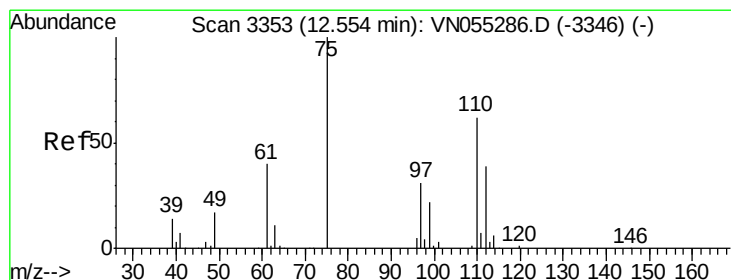
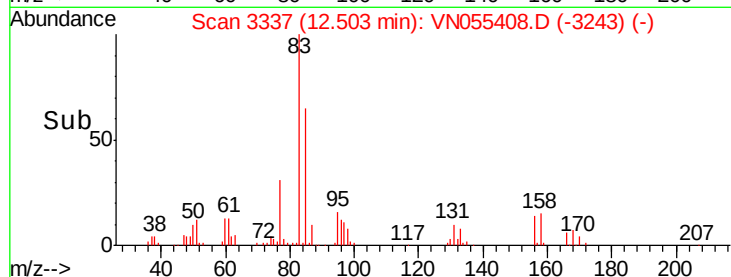
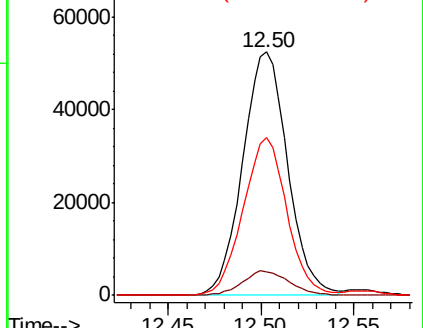
85 63.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN055408.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN055408.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN055408.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 26.569 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN055408.D

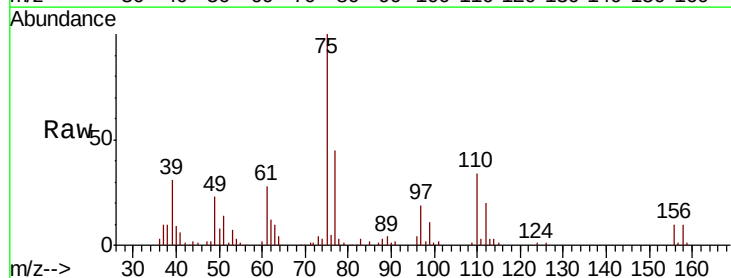
Acq: 6 May 2019 10:44

Tgt Ion: 75 Resp: 104717

Ion Ratio Lower Upper

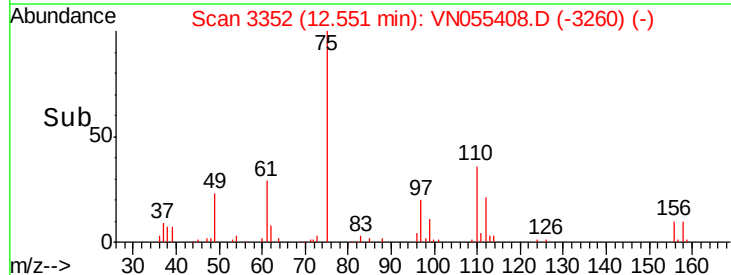
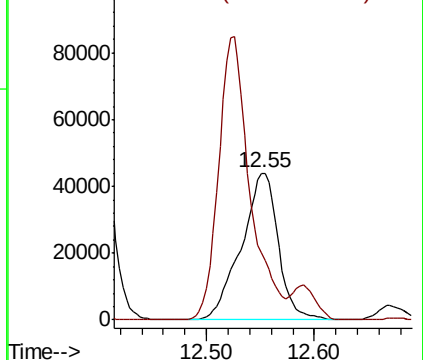
75 100

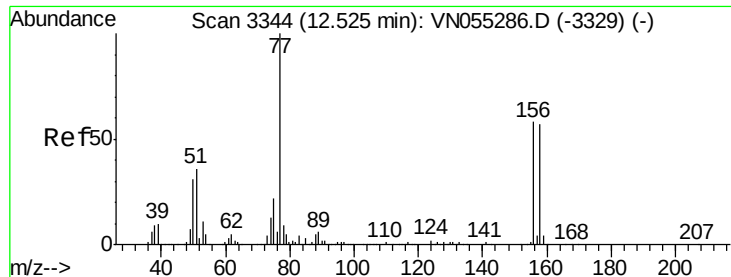
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055408.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055408.D (-3260) (-)





#77

Bromobenzene

Concen: 20.722 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBS01

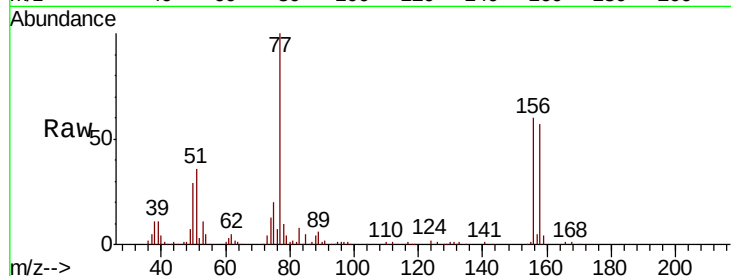
Tot Ion:156 Resp: 85260

Ion Ratio Lower Upper

156 100

77 201.5 99.6 298.8

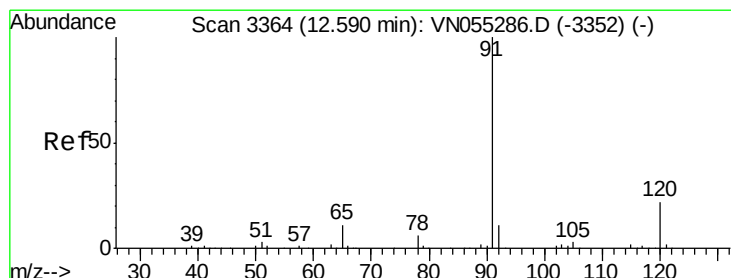
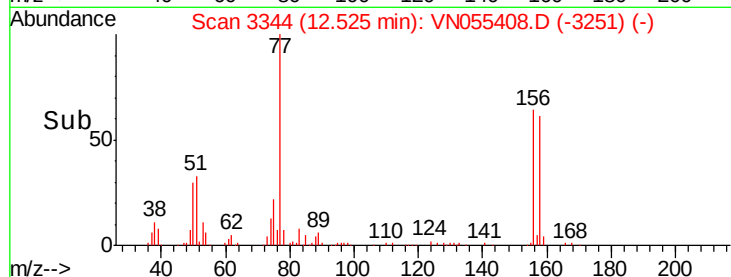
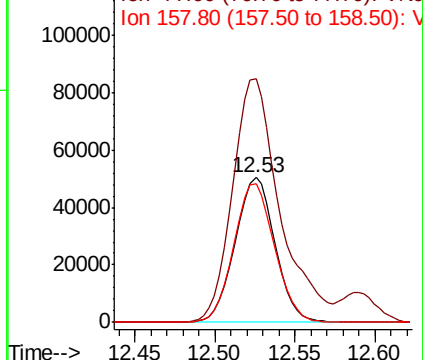
158 97.9 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.150 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055408.D

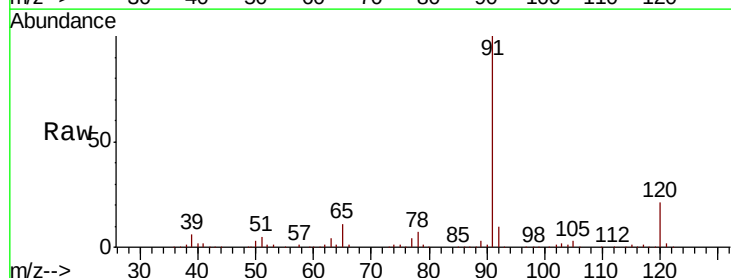
Acq: 6 May 2019 10:44

Tgt Ion: 91 Resp: 399380

Ion Ratio Lower Upper

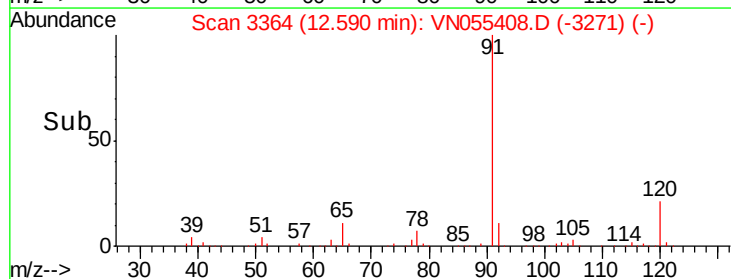
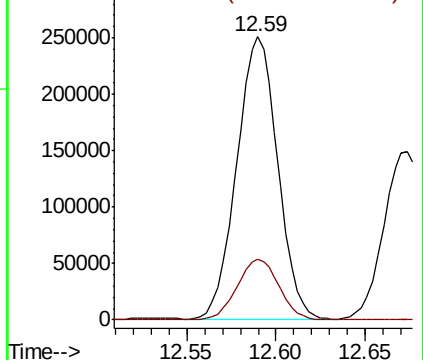
91 100

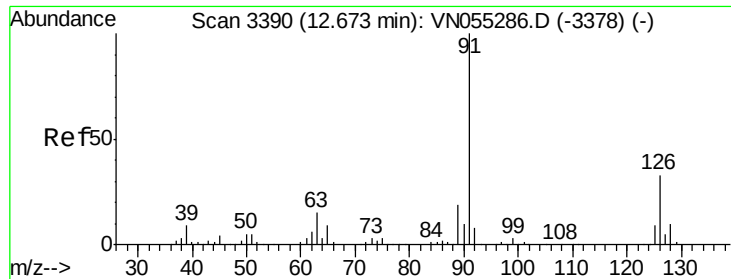
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.406 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Instrument :

MSVOA_N

ClientSampled :

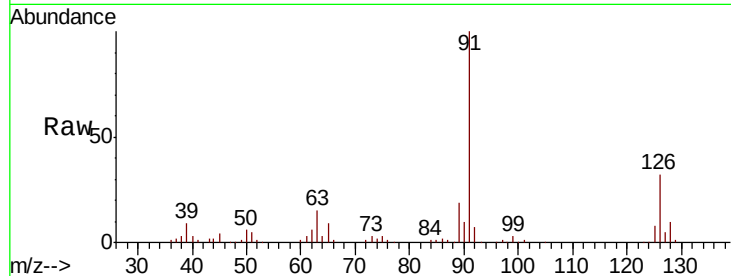
VN0506WBS01

Tot Ion: 91 Resp: 252289

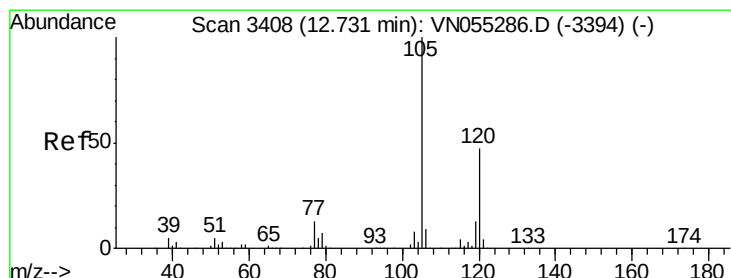
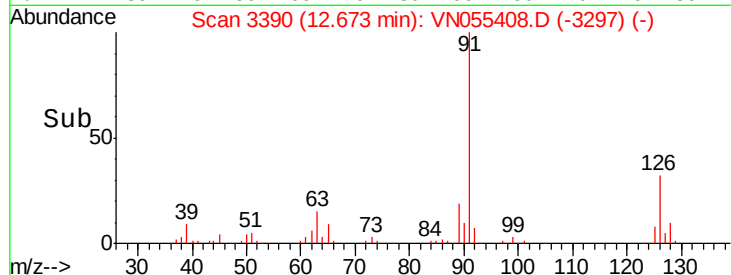
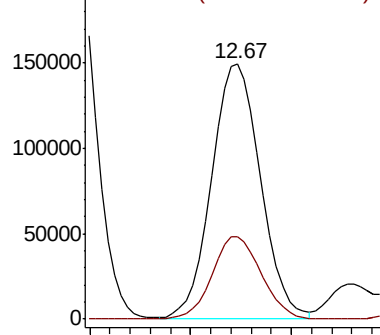
Ion Ratio Lower Upper

91 100

126 32.6 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VN055408.D (-3297) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.381 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055408.D

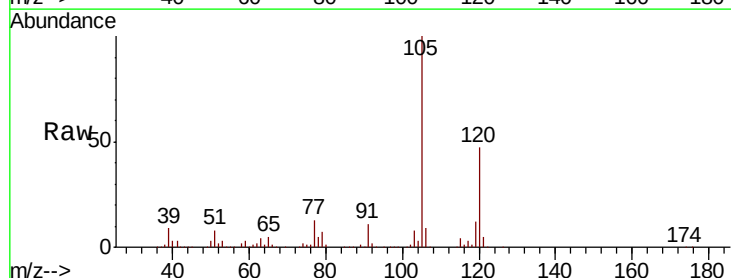
Acq: 6 May 2019 10:44

Tgt Ion: 105 Resp: 308473

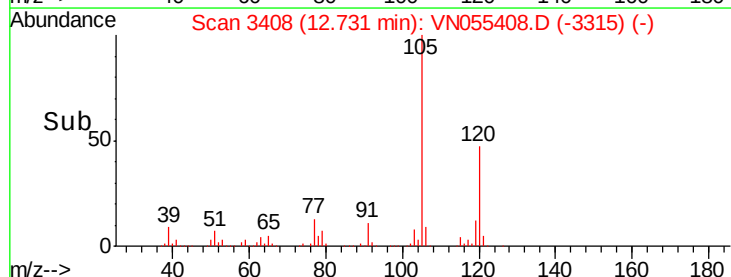
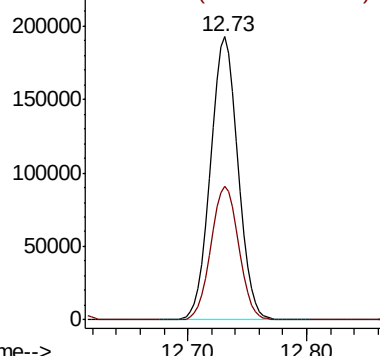
Ion Ratio Lower Upper

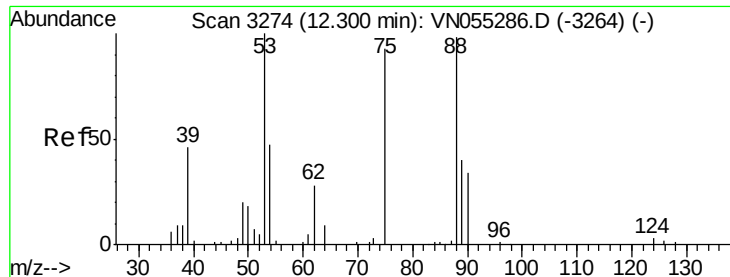
105 100

120 47.7 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN055408.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.231 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBS01

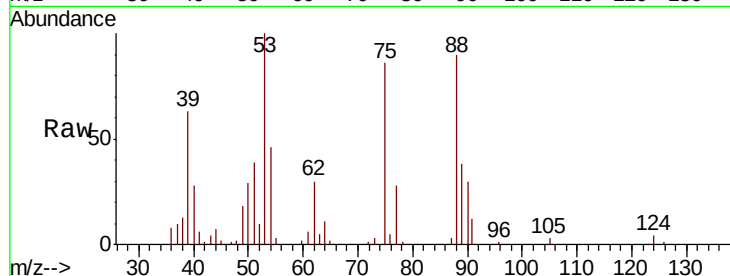
Tot Ion: 75 Resp: 19531

Ion Ratio Lower Upper

75 100

53 120.6 86.3 129.5

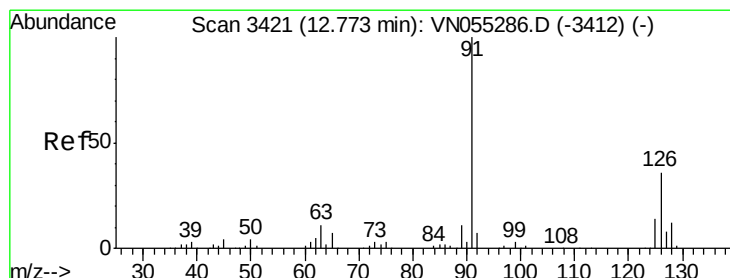
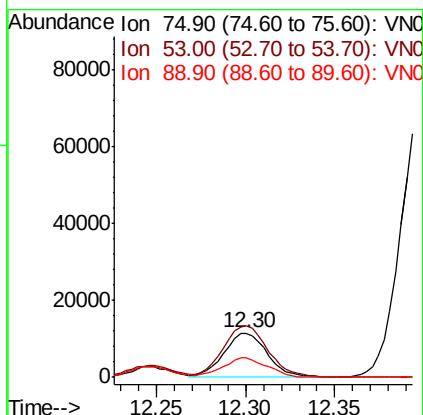
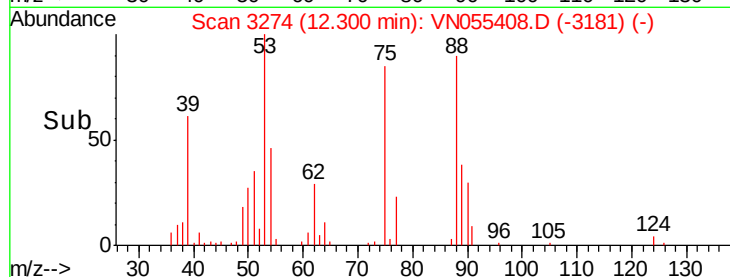
89 45.0 34.6 51.8



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: 19.252 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN055408.D

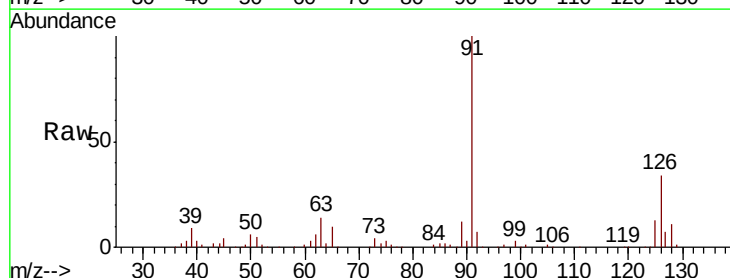
Acq: 6 May 2019 10:44

Tgt Ion: 91 Resp: 233447

Ion Ratio Lower Upper

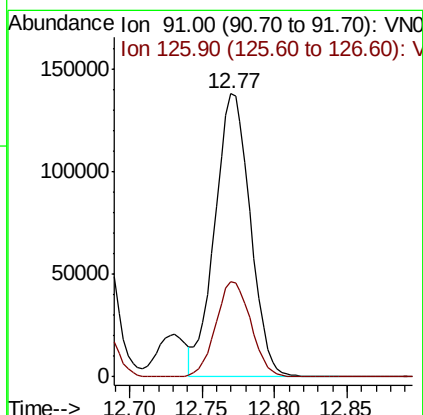
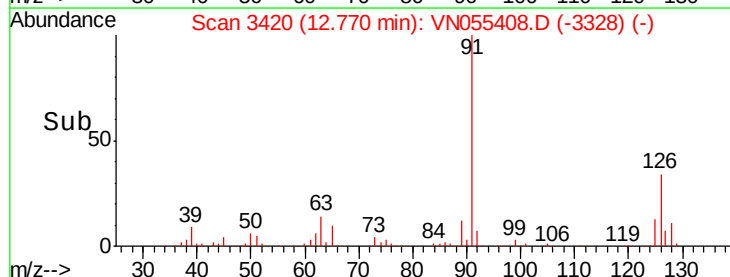
91 100

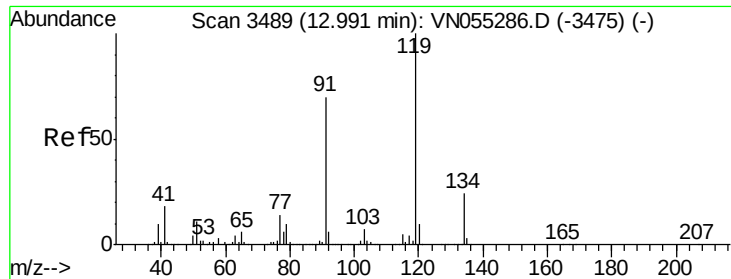
126 33.4 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

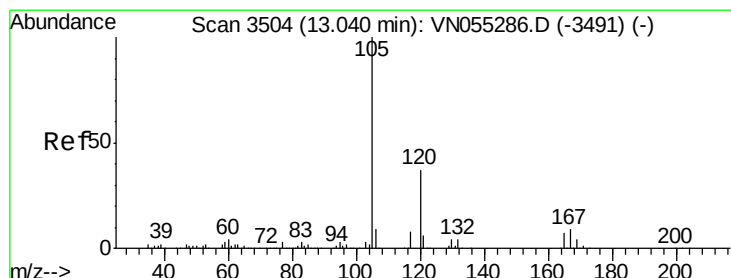
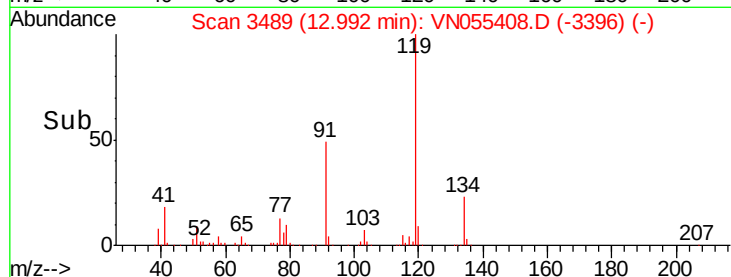
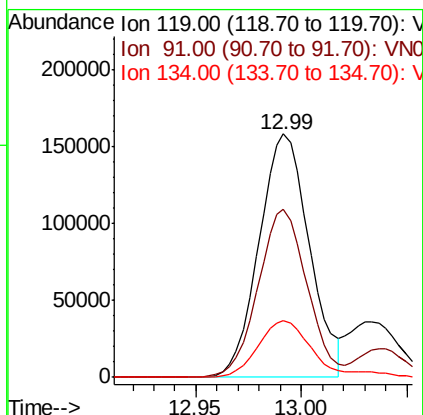
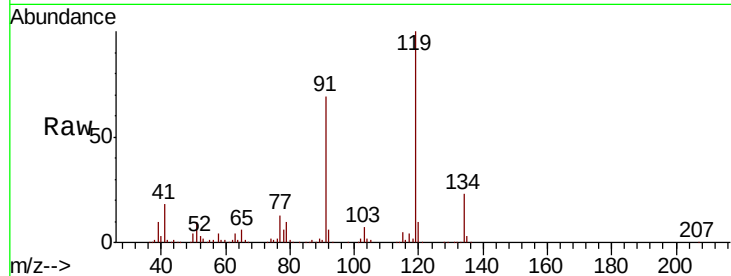




#83
 tert-Butylbenzene
 Concen: 21.692 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055408.D
 Acq: 6 May 2019 10:44

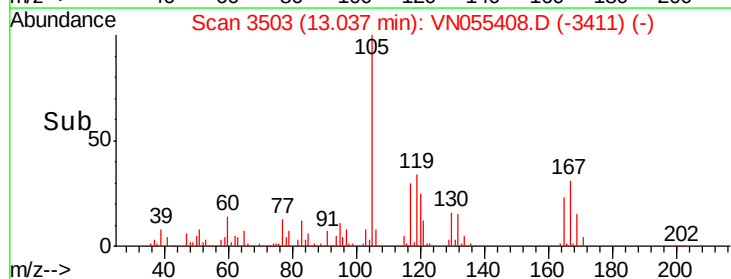
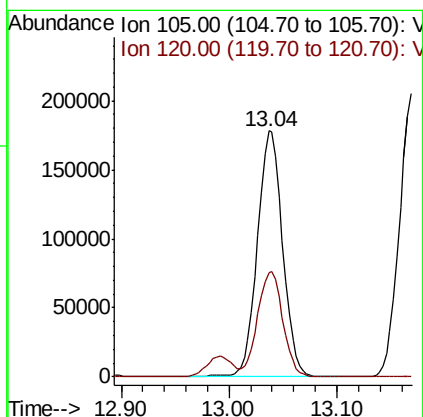
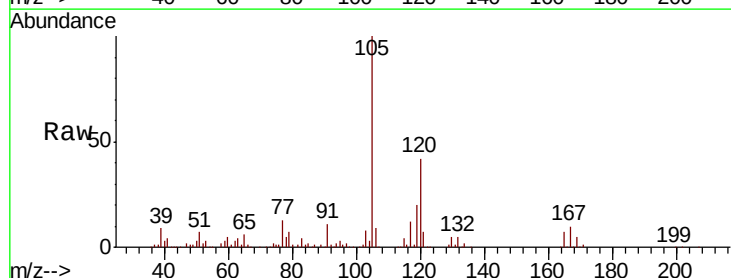
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506WBS01

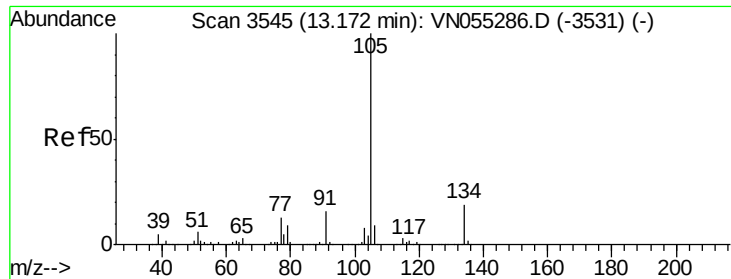
Tot Ion:119 Resp: 262950
 Ion Ratio Lower Upper
 119 100
 91 67.4 34.3 102.9
 134 25.7 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 20.297 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN055408.D
 Acq: 6 May 2019 10:44

Tgt Ion:105 Resp: 288923
 Ion Ratio Lower Upper
 105 100
 120 42.8 22.1 66.5





#85

sec-Butylbenzene

Concen: 19.424 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Instrument :

MSVOA_N

ClientSampled :

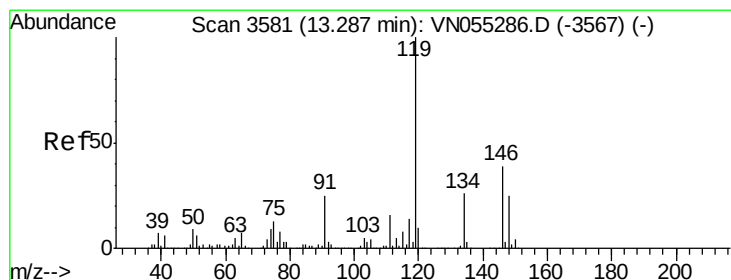
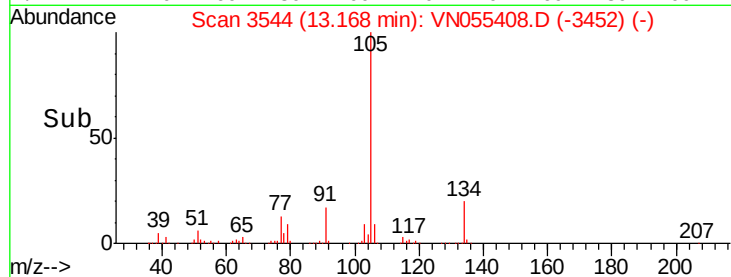
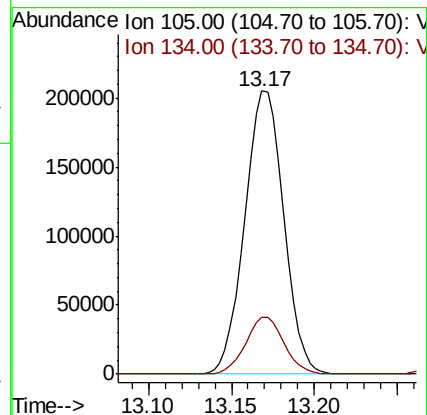
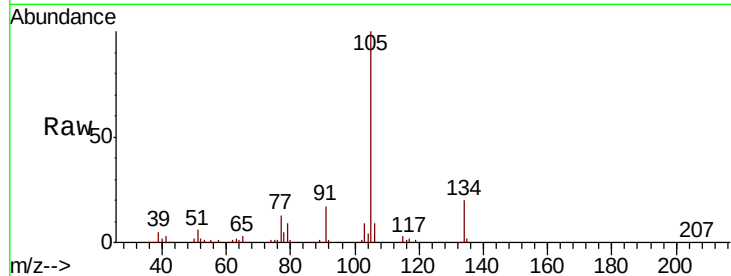
VN0506WBS01

Tot Ion:105 Resp: 336035

Ion Ratio Lower Upper

105 100

134 19.7 9.6 28.8



#86

p-Isopropyltoluene

Concen: 19.858 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

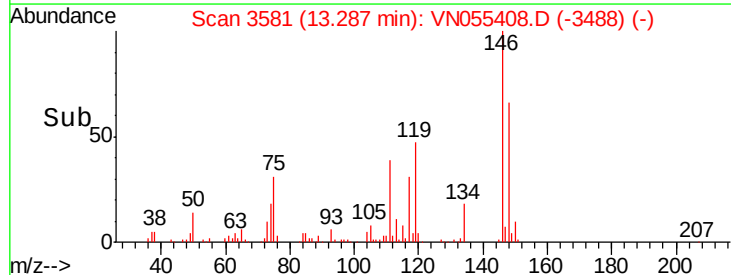
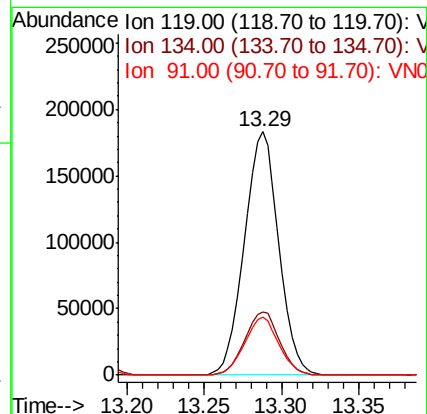
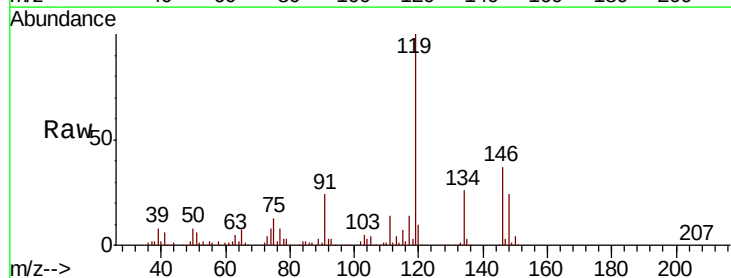
Tgt Ion:119 Resp: 282363

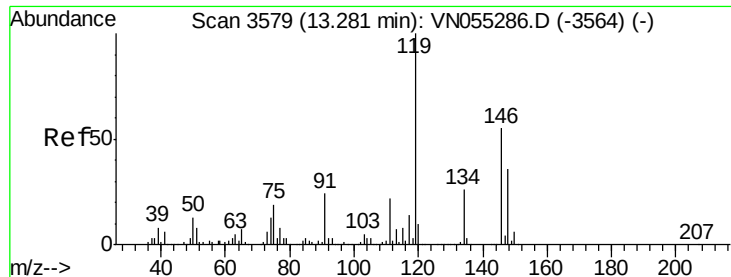
Ion Ratio Lower Upper

119 100

134 26.3 13.0 38.9

91 23.9 12.2 36.6

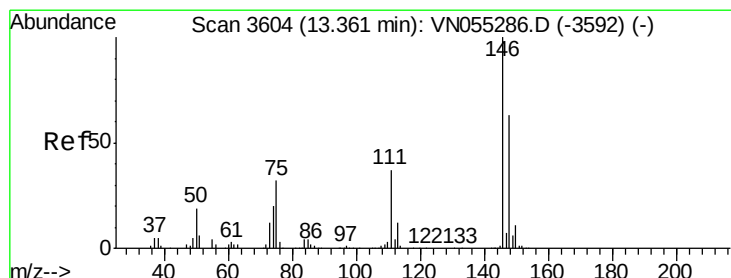
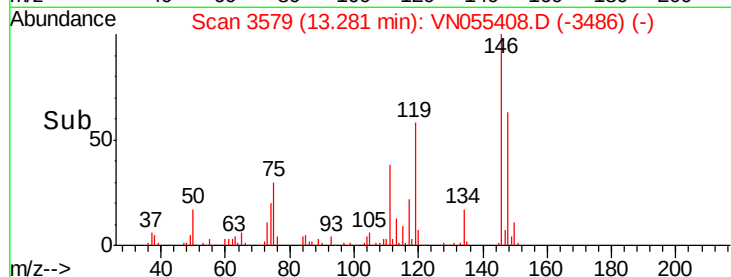
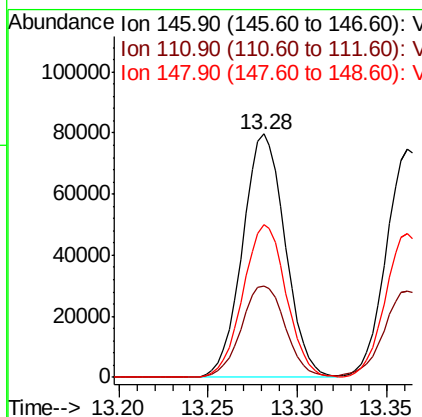
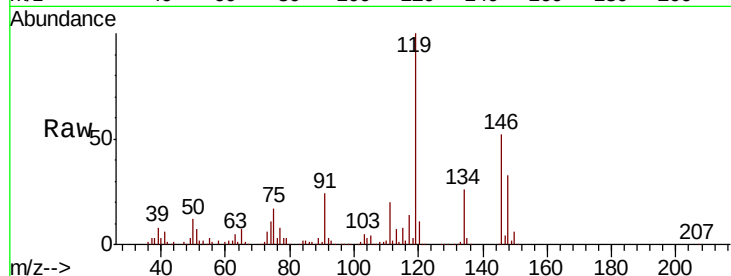




#87
 1,3-Dichlorobenzene
 Concen: 19.571 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055408.D
 Acq: 6 May 2019 10:44

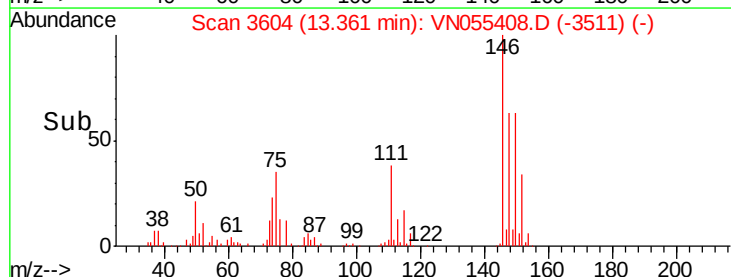
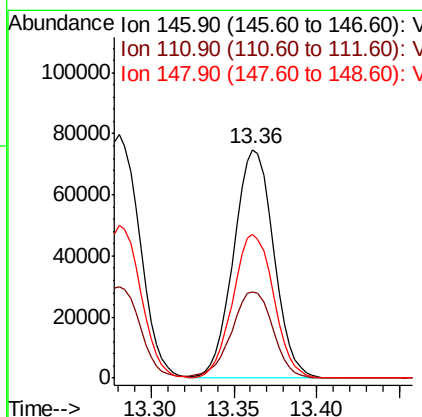
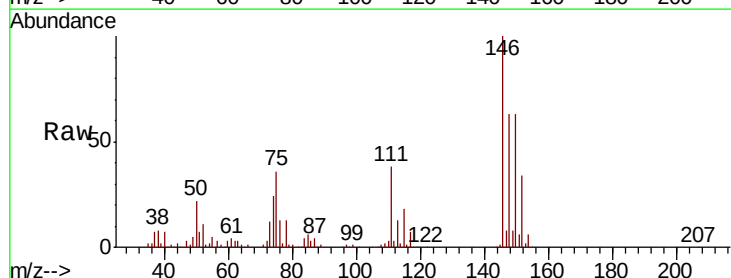
Instrument :
 MSVOA_N
 ClientSampled :
 VN0506WBS01

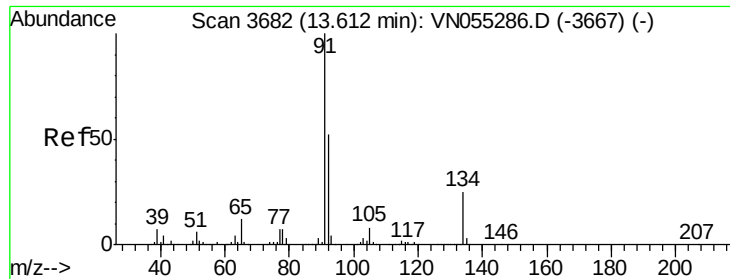
Tot Ion:146 Resp: 132961
 Ion Ratio Lower Upper
 146 100
 111 38.8 20.3 60.8
 148 63.5 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 19.698 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055408.D
 Acq: 6 May 2019 10:44

Tgt Ion:146 Resp: 126022
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.5 58.5
 148 64.5 32.5 97.4

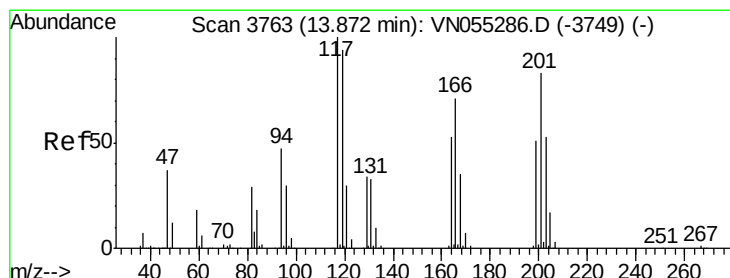
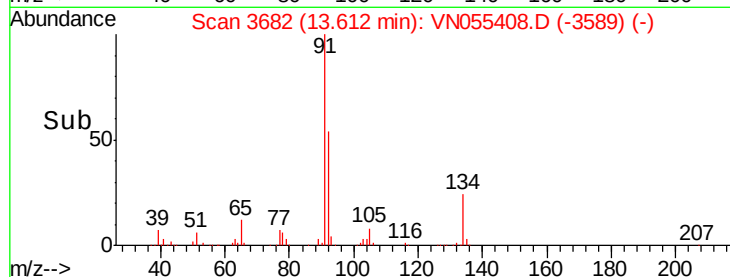
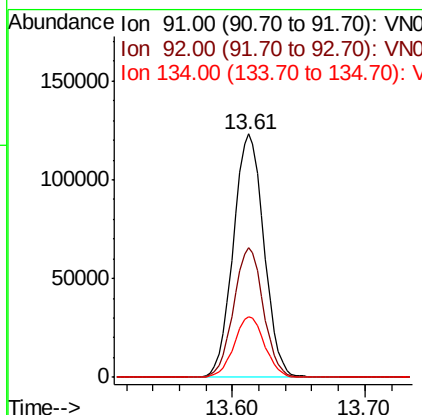
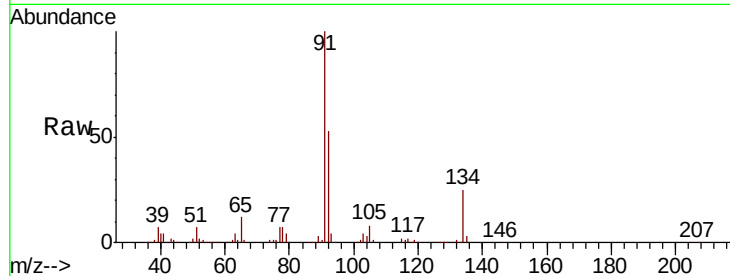




#89
n-Butylbenzene
Concen: 19.525 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055408.D
Acq: 6 May 2019 10:44

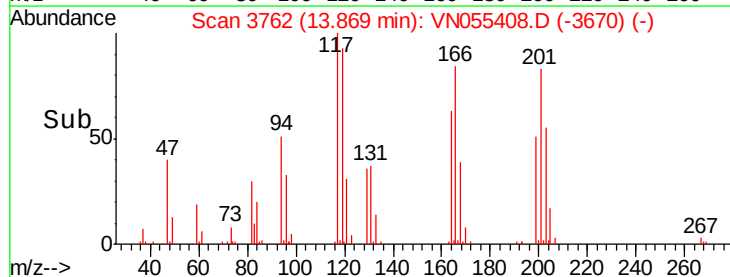
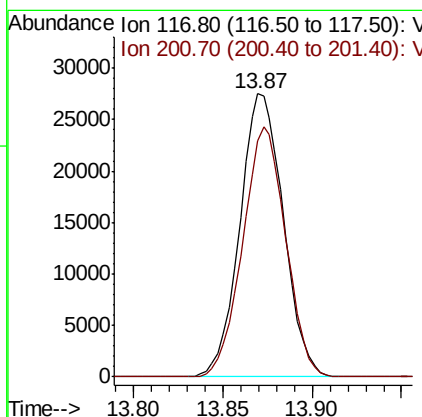
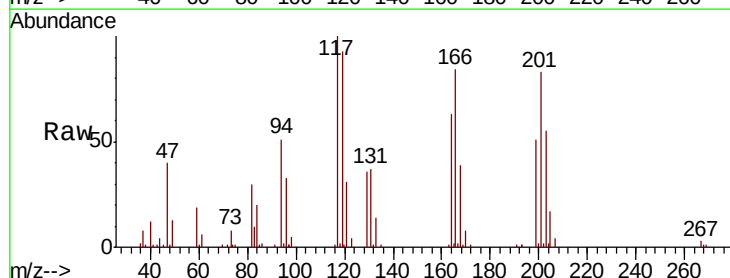
Instrument :
MSVOA_N
ClientSampled :
VN0506WBS01

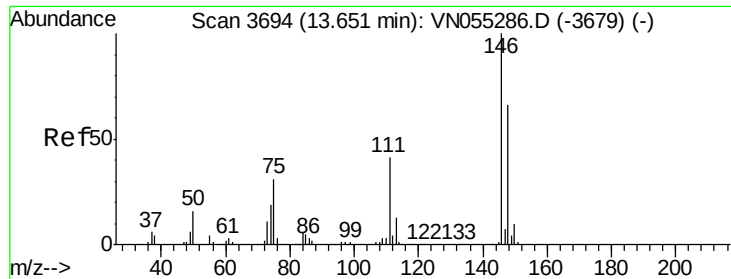
Tot Ion: 91 Resp: 197271
Ion Ratio Lower Upper
91 100
92 51.7 26.1 78.3
134 24.8 12.4 37.4



#90
Hexachloroethane
Concen: 19.883 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN055408.D
Acq: 6 May 2019 10:44

Tgt Ion: 117 Resp: 46901
Ion Ratio Lower Upper
117 100
201 87.0 41.9 125.8

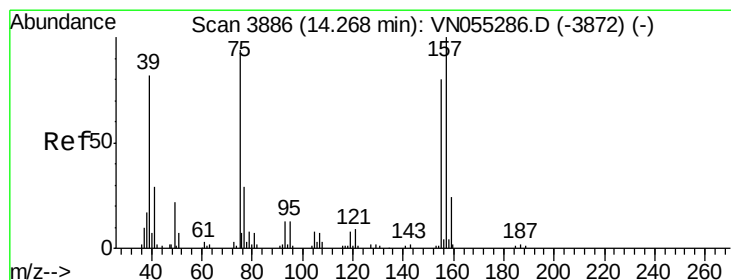
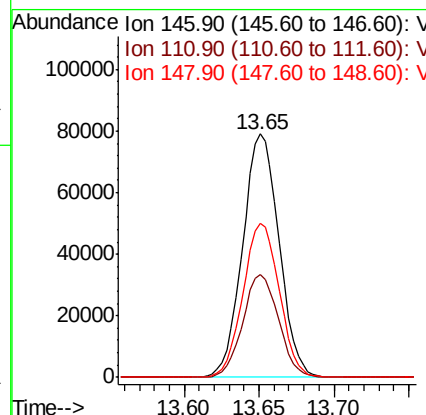
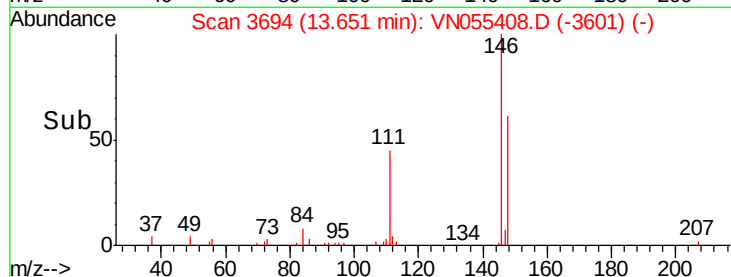
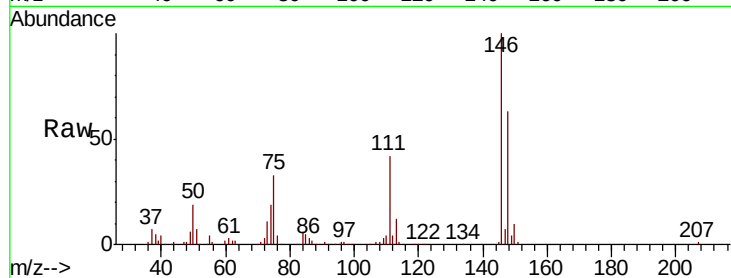




#91
 1,2-Dichlorobenzene
 Concen: 19.869 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN055408.D
 Acq: 6 May 2019 10:44

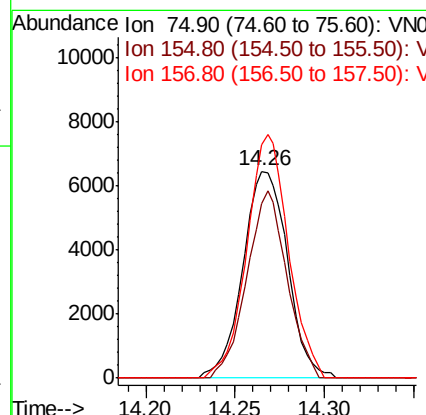
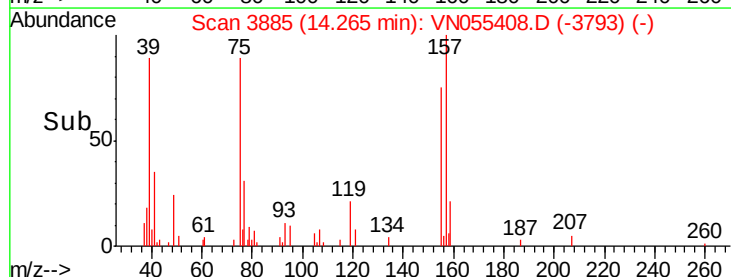
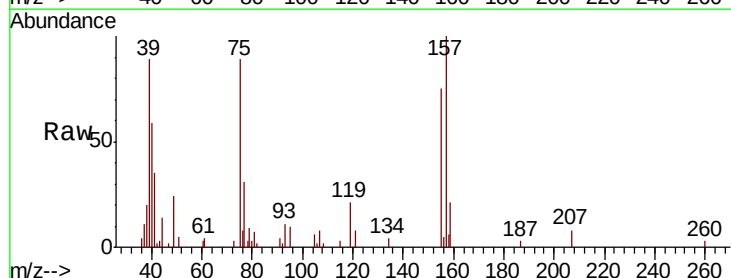
Instrument :
 MSVOA_N
 ClientSampled :
 VN0506WBS01

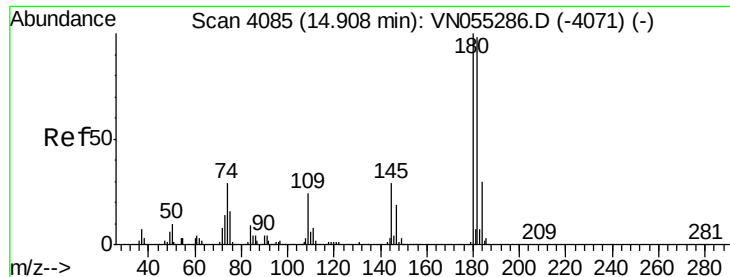
Tot Ion:146 Resp: 133788
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.3 61.0
 148 63.3 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.184 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VN055408.D
 Acq: 6 May 2019 10:44

Tgt Ion: 75 Resp: 11315
 Ion Ratio Lower Upper
 75 100
 155 81.1 41.5 124.6
 157 109.7 54.0 162.2

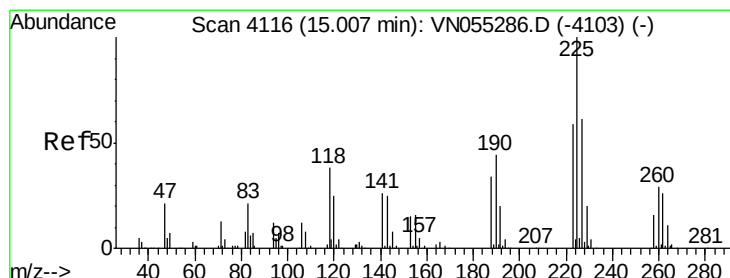
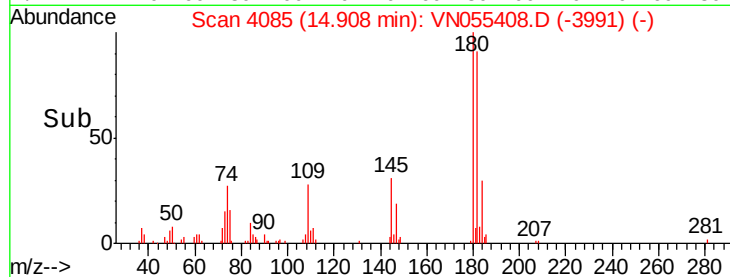
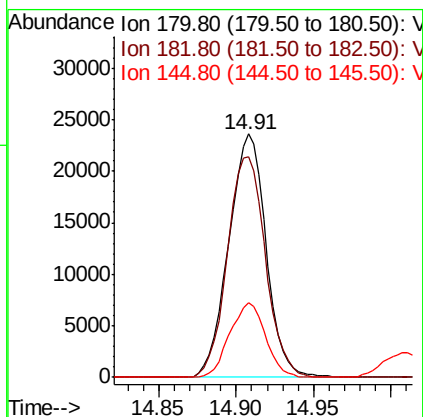
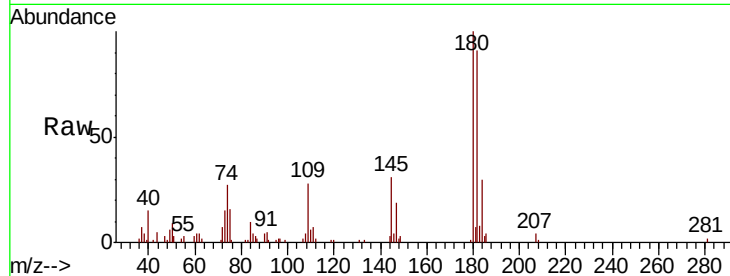




#93
 1,2,4-Trichlorobenzene
 Concen: 17.187 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055408.D
 Acq: 6 May 2019 10:44

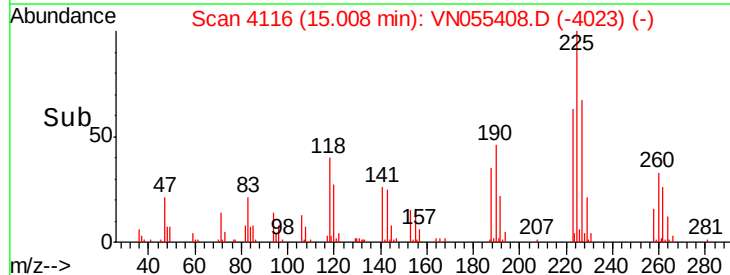
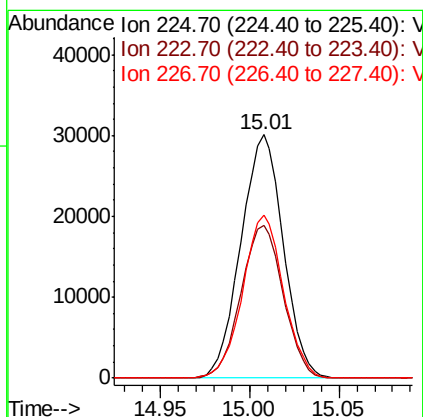
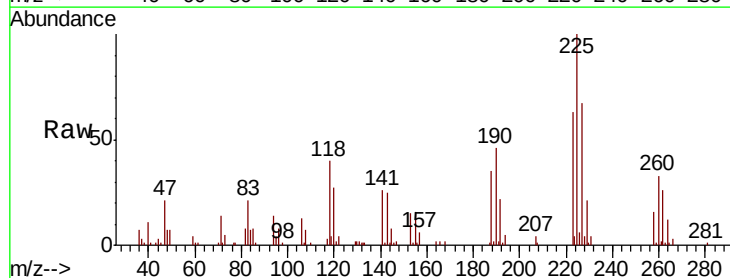
Instrument :
 MSVOA_N
 ClientSampled :
 VN0506WBS01

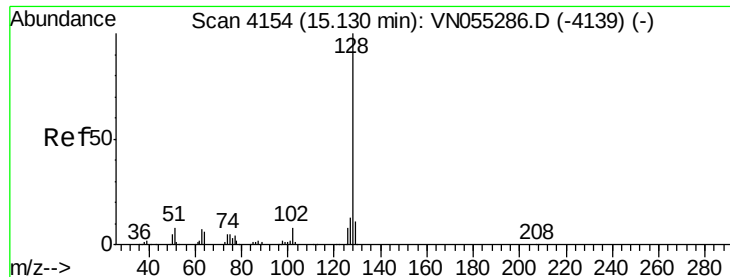
Tot Ion:180 Resp: 39448
 Ion Ratio Lower Upper
 180 100
 182 92.4 48.3 144.9
 145 29.2 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 23.107 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055408.D
 Acq: 6 May 2019 10:44

Tgt Ion:225 Resp: 49869
 Ion Ratio Lower Upper
 225 100
 223 62.5 30.3 90.8
 227 64.4 30.9 92.7





#95

Naphthalene

Concen: 16.232 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBS01

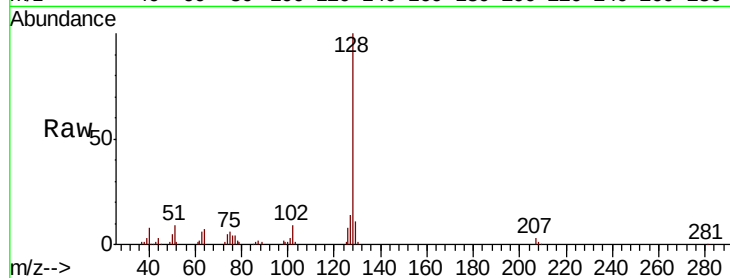
Tot Ion:128 Resp: 78009

Ion Ratio Lower Upper

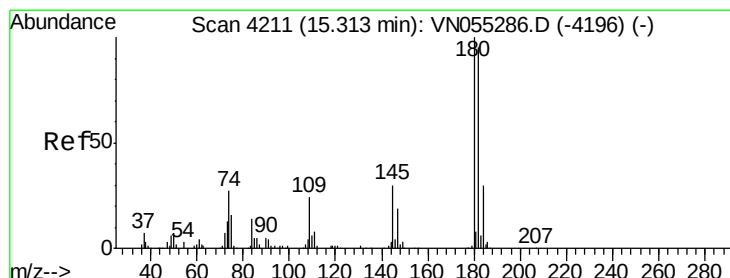
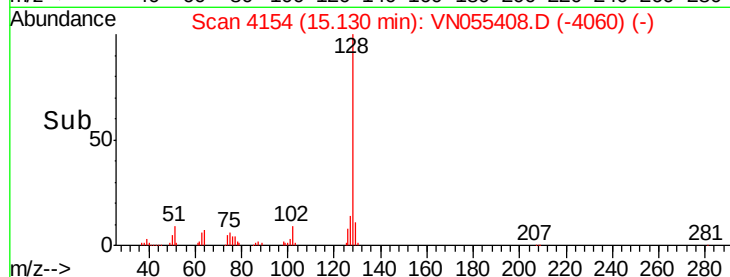
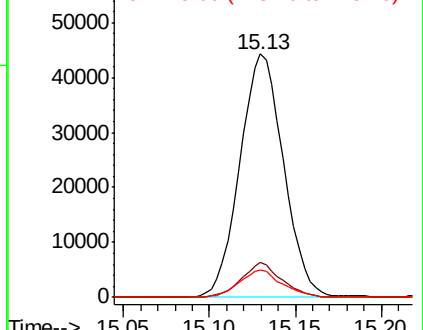
128 100

127 13.0 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: 18.018 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055408.D

Acq: 6 May 2019 10:44

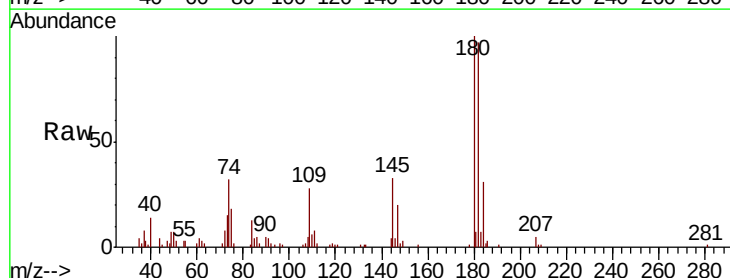
Tgt Ion:180 Resp: 42493

Ion Ratio Lower Upper

180 100

182 95.0 48.3 144.9

145 31.9 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

