

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
 Data File : VN055434.D
 Acq On : 7 May 2019 13:48
 Operator : JC/SP
 Sample : VN0507WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBS01

Quant Time: May 08 05:47:58 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	358113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	561226	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	481670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	182143	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	235480	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	
35) Dibromofluoromethane	7.59	113	182233	49.47	ug/l	0.00
Spiked Amount			Recovery	=	98.94%	
50) Toluene-d8	10.09	98	641728	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	
62) 4-Bromofluorobenzene	12.40	95	211208	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	78406	17.870	ug/l	97
3) Chloromethane	2.06	50	87579	16.120	ug/l	100
4) Vinyl Chloride	2.19	62	77225	17.633	ug/l	100
5) Bromomethane	2.57	94	42878	18.484	ug/l	97
6) Chloroethane	2.71	64	42145	17.764	ug/l	96
7) Trichlorofluoromethane	3.02	101	116506	18.709	ug/l	97
8) Diethyl Ether	3.42	74	44959	20.635	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.77	101	70084	18.899	ug/l	98
10) Methyl Iodide	3.96	142	91744	17.579	ug/l	99
11) Tert butyl alcohol	4.80	59	32104	119.690	ug/l #	91
12) 1,1-Dichloroethene	3.74	96	66356	18.758	ug/l	99
13) Acrolein	3.62	56	11403	54.436	ug/l	94
14) Allyl chloride	4.33	41	142778	19.488	ug/l	100
15) Acrylonitrile	5.00	53	165415	109.716	ug/l	99
16) Acetone	3.82	43	144661	99.099	ug/l	99
17) Carbon Disulfide	4.06	76	139204	15.078	ug/l	100
18) Methyl Acetate	4.33	43	87013	23.929	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	213339	21.452	ug/l	98
20) Methylene Chloride	4.56	84	81769	18.352	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	70300	18.764	ug/l	94
22) Diisopropyl ether	5.95	45	306467	21.052	ug/l	92
23) Vinyl Acetate	5.90	43	1014880	106.372	ug/l	99
24) 1,1-Dichloroethane	5.85	63	156520	20.180	ug/l	98
25) 2-Butanone	6.84	43	207325	111.056	ug/l	98
26) 2,2-Dichloropropane	6.83	77	104845	19.575	ug/l	80
27) cis-1,2-Dichloroethene	6.83	96	85565	20.083	ug/l	99
28) Bromochloromethane	7.20	49	79014	20.210	ug/l	100
29) Tetrahydrofuran	7.22	42	137793	115.270	ug/l	98
30) Chloroform	7.37	83	149127	20.282	ug/l	100
31) Cyclohexane	7.66	56	135839	18.433	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	116271	19.485	ug/l	98
36) 1,1-Dichloropropene	7.80	75	96159	17.888	ug/l	98
37) Ethyl Acetate	6.93	43	91968	22.322	ug/l #	96
38) Carbon Tetrachloride	7.78	117	98067	18.911	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
 Data File : VN055434.D
 Acq On : 7 May 2019 13:48
 Operator : JC/SP
 Sample : VN0507WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBS01

Quant Time: May 08 05:47:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	111899	19.578	ug/l	98
40) Benzene	8.04	78	317794	20.054	ug/l	99
41) Methacrylonitrile	7.18	41	45629	20.900	ug/l	93
42) 1,2-Dichloroethane	8.12	62	113852	20.285	ug/l	98
43) Isopropyl Acetate	8.17	43	153493	23.182	ug/l	97
44) Trichloroethene	8.84	130	77900	19.283	ug/l	98
45) 1,2-Dichloropropane	9.12	63	92632	20.267	ug/l	99
46) Dibromomethane	9.21	93	51237	20.509	ug/l	98
47) Bromodichloromethane	9.40	83	111886	20.876	ug/l	99
48) Methyl methacrylate	9.20	41	71989	22.117	ug/l	99
49) 1,4-Dioxane	9.20	88	16427	488.210	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	432758	116.090	ug/l	98
52) Toluene	10.16	92	180714	19.875	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	94714	20.357	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	118332	20.399	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	70600	20.909	ug/l	98
56) Ethyl methacrylate	10.43	69	93213	22.429	ug/l	98
57) 1,3-Dichloropropane	10.71	76	124984	21.101	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	96871	83.785	ug/l	99
59) 2-Hexanone	10.75	43	274739	117.792	ug/l	99
60) Dibromochloromethane	10.90	129	73764	21.375	ug/l	99
61) 1,2-Dibromoethane	11.01	107	63830	20.453	ug/l	97
64) Tetrachloroethene	10.63	164	75625	19.199	ug/l	99
65) Chlorobenzene	11.43	112	182149	19.342	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	72022	19.531	ug/l	98
67) Ethyl Benzene	11.51	91	332816	19.571	ug/l	100
68) m/p-Xylenes	11.62	106	242359	39.927	ug/l	98
69) o-Xylene	11.95	106	120971	20.107	ug/l	99
70) Styrene	11.96	104	189288	20.491	ug/l	98
71) Bromoform	12.13	173	44384	21.691	ug/l #	99
73) Isopropylbenzene	12.25	105	330387	20.960	ug/l	99
74) N-amyl acetate	12.07	43	100867	21.578	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	86619	22.236	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	102050	29.090	ug/l #	100
77) Bromobenzene	12.53	156	75484	20.419	ug/l	98
78) n-propylbenzene	12.59	91	353036	18.869	ug/l	99
79) 2-Chlorotoluene	12.67	91	222305	20.975	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	271698	19.027	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	19145	19.919	ug/l	90
82) 4-Chlorotoluene	12.77	91	206429	18.976	ug/l	99
83) tert-Butylbenzene	12.99	119	237095	21.817	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	254369	19.918	ug/l	100
85) sec-Butylbenzene	13.17	105	310057	19.977	ug/l	99
86) p-Isopropyltoluene	13.29	119	253355	19.861	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	118459	19.436	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	112468	19.594	ug/l	99
89) n-Butylbenzene	13.61	91	179169	19.766	ug/l	98
90) Hexachloroethane	13.87	117	43811	20.769	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	120519	19.951	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11891	24.815	ug/l	95

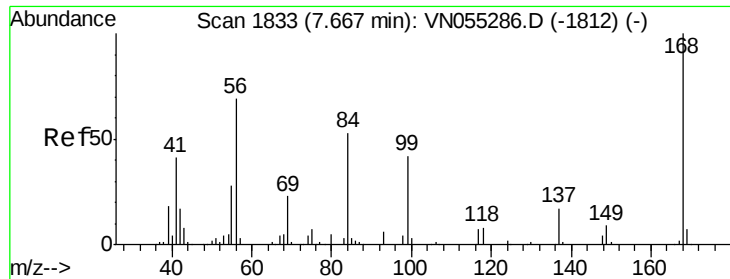
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
Data File : VN055434.D
Acq On : 7 May 2019 13:48
Operator : JC/SP
Sample : VN0507WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

Quant Time: May 08 05:47:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	38119	18.257	ug/l	97
94) Hexachlorobutadiene	15.01	225	45893	23.779	ug/l	97
95) Naphthalene	15.13	128	74747	17.109	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	42695	19.866	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

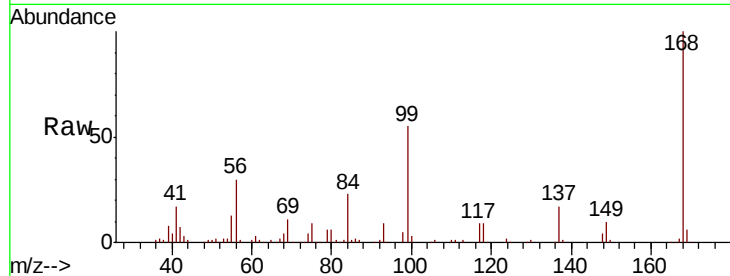
VN0507WBS01

Tot Ion:168 Resp: 358113

Ion Ratio Lower Upper

168 100

99 54.8 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

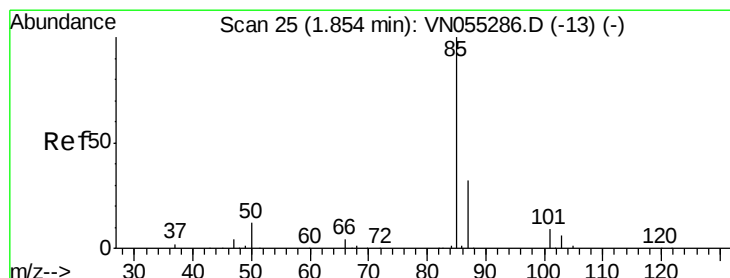
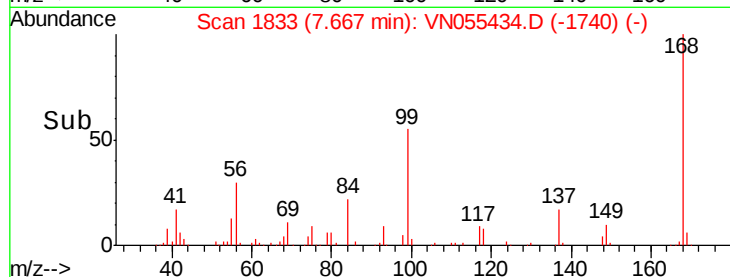
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 17.870 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN055434.D

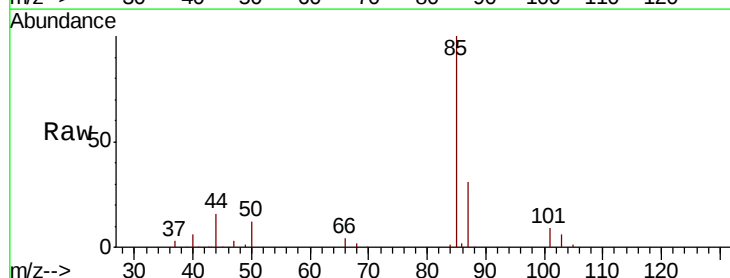
Acq: 7 May 2019 13:48

Tgt Ion: 85 Resp: 78406

Ion Ratio Lower Upper

85 100

87 30.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

60000

50000

40000

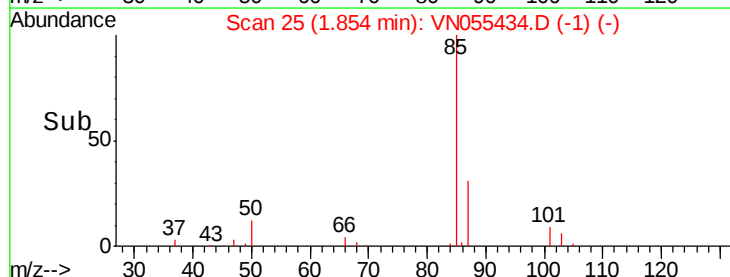
30000

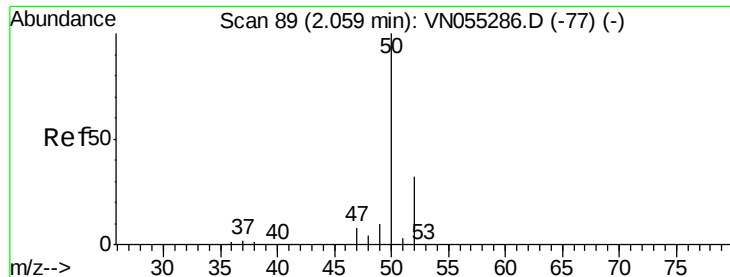
20000

10000

0

Time--> 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 16.120 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

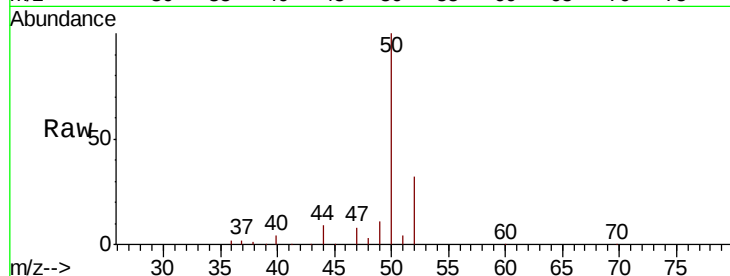
VN0507WBS01

Tot Ion: 50 Resp: 87579

Ion Ratio Lower Upper

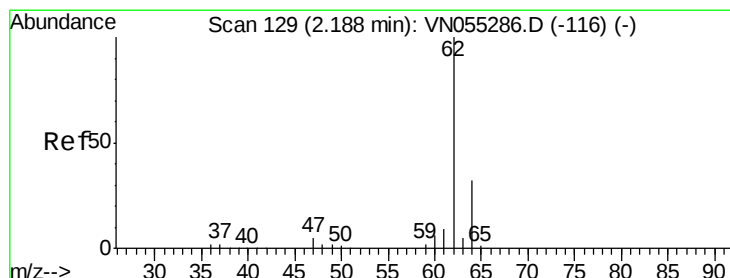
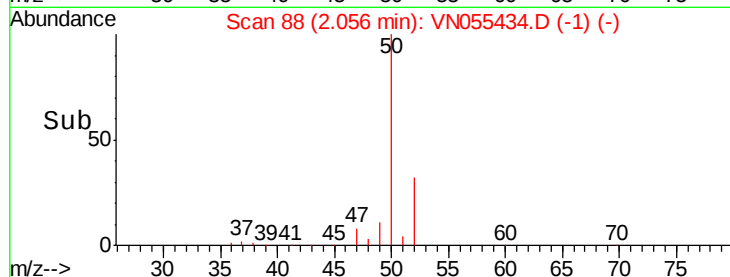
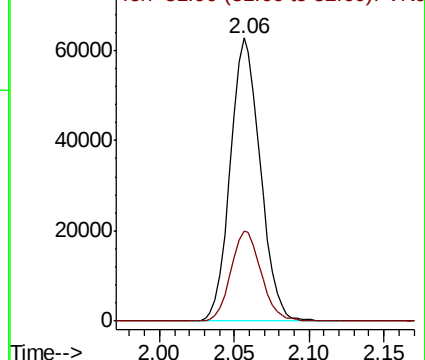
50 100

52 32.1 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 17.633 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055434.D

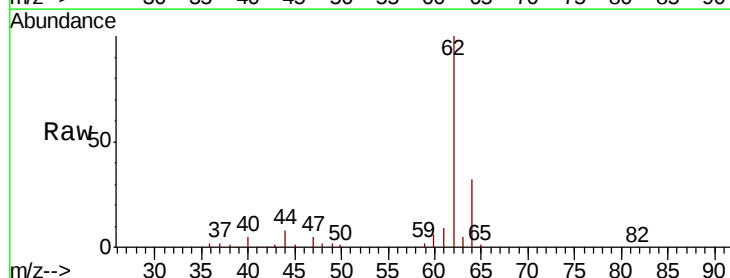
Acq: 7 May 2019 13:48

Tgt Ion: 62 Resp: 77225

Ion Ratio Lower Upper

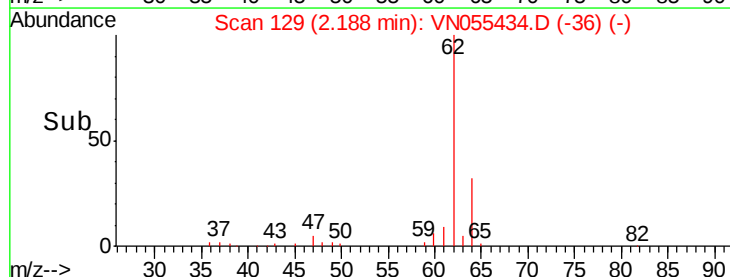
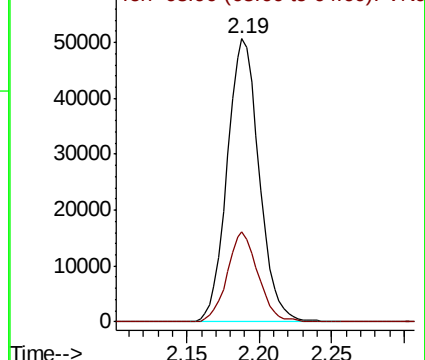
62 100

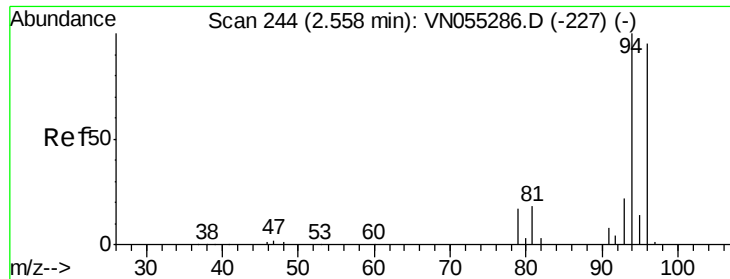
64 31.7 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

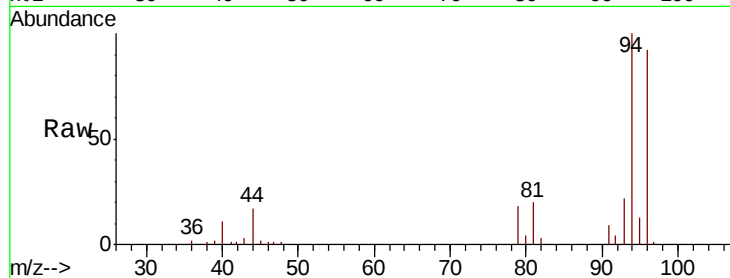




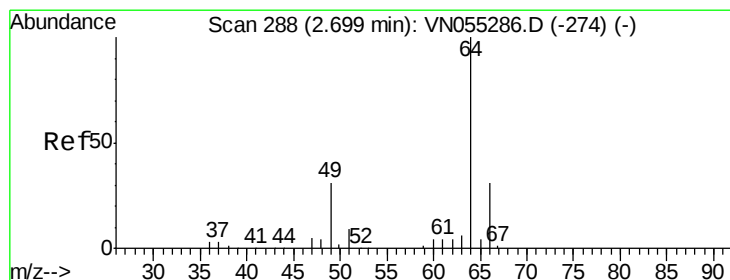
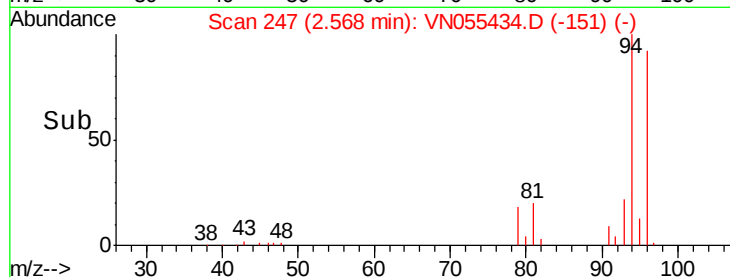
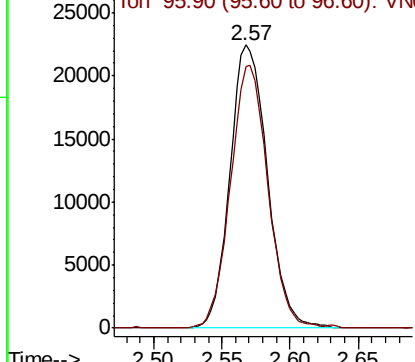
#5
Bromomethane
Concen: 18.484 ug/l
RT: 2.57 min Scan# 247
Delta R.T. 0.01 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

Tot Ion: 94 Resp: 42878
Ion Ratio Lower Upper
94 100
96 92.3 76.0 114.0

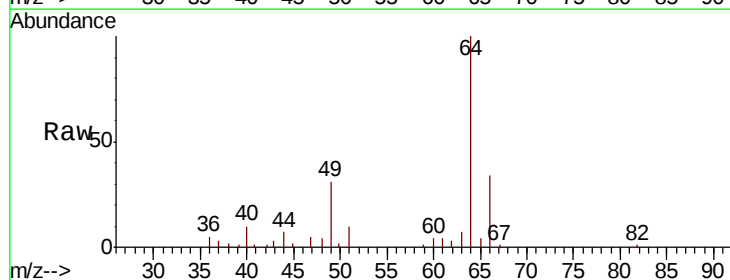


Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO

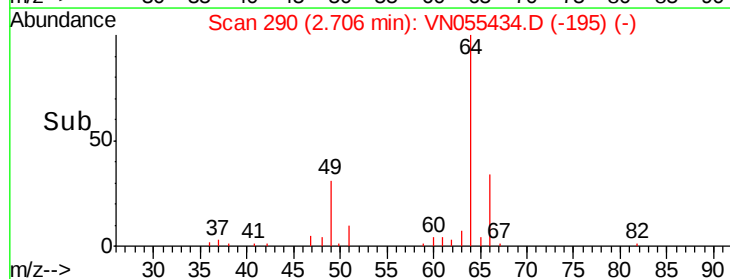
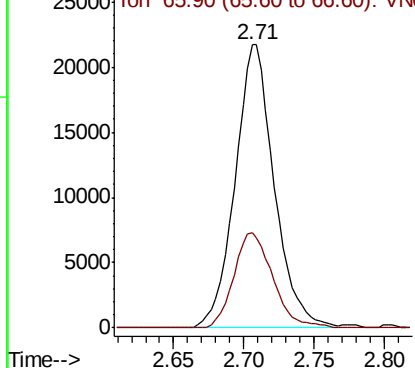


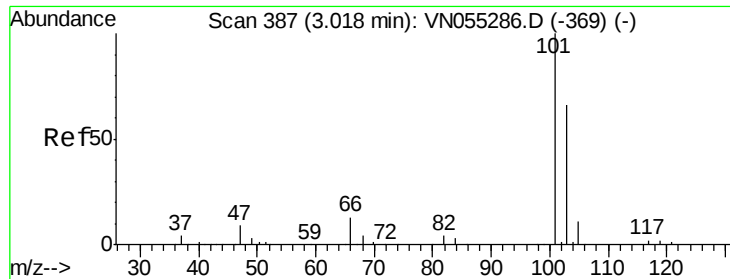
#6
Chloroethane
Concen: 17.764 ug/l
RT: 2.71 min Scan# 290
Delta R.T. 0.01 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

Tgt Ion: 64 Resp: 42145
Ion Ratio Lower Upper
64 100
66 33.6 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



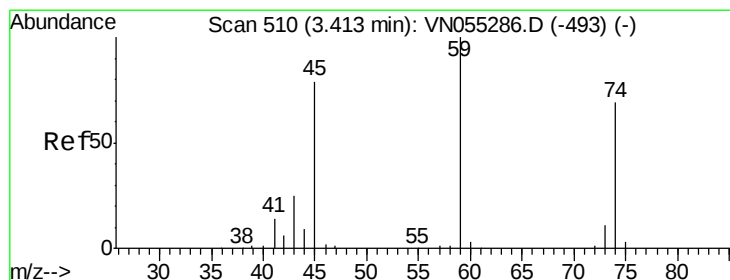
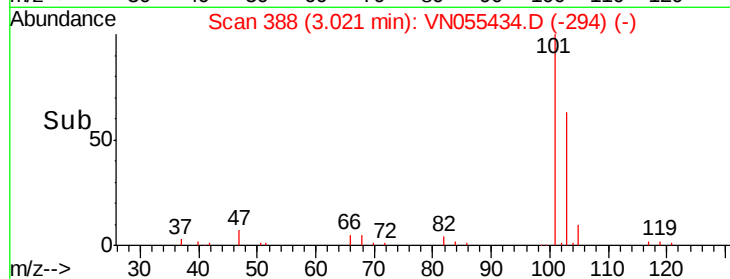
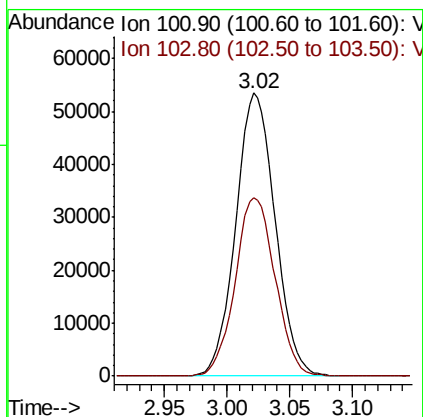
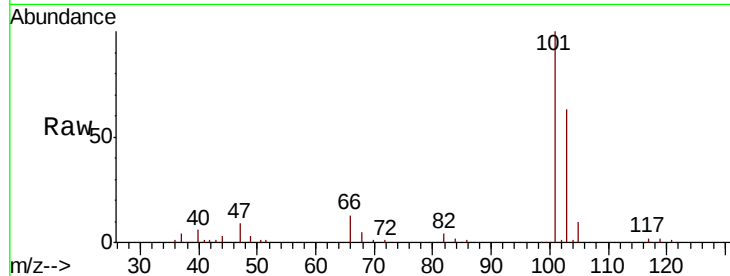


#7

Trichlorofluoromethane
 Concen: 18.709 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN055434.D
 Acq: 7 May 2019 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBS01

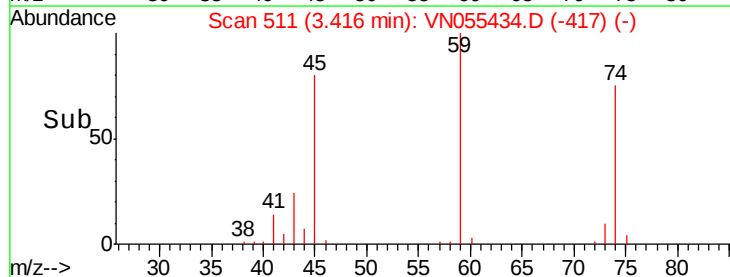
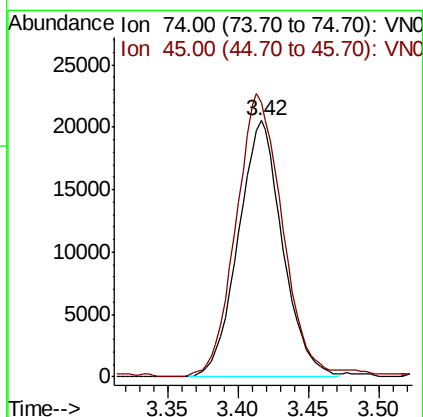
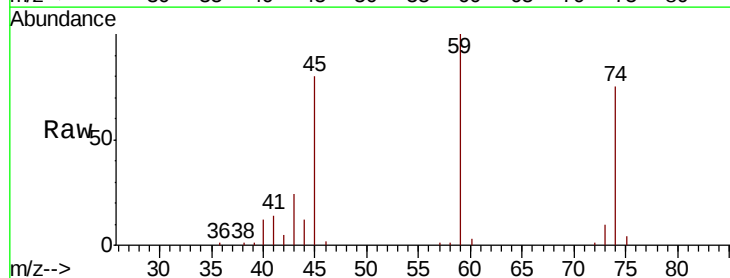
Tot Ion:101 Resp: 116506
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.6 79.0

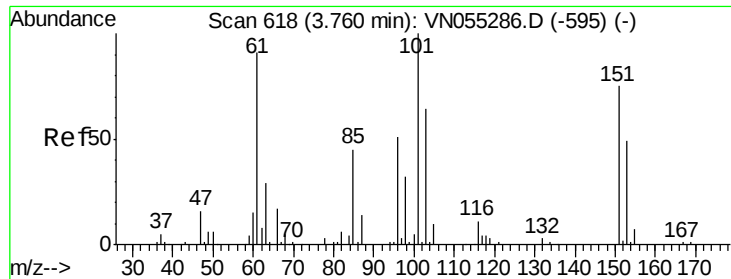


#8

Diethyl Ether
 Concen: 20.635 ug/l
 RT: 3.42 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VN055434.D
 Acq: 7 May 2019 13:48

Tgt Ion: 74 Resp: 44959
 Ion Ratio Lower Upper
 74 100
 45 118.0 58.9 176.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.899 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.01 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBS01

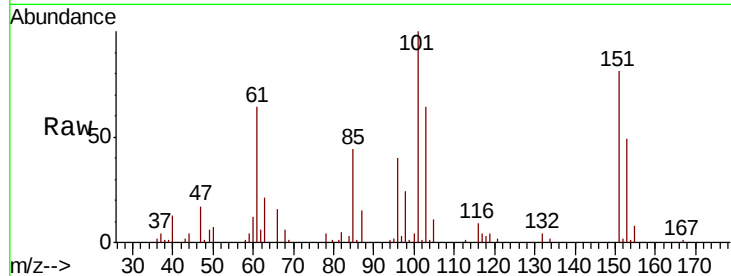
Tot Ion:101 Resp: 70084

Ion Ratio Lower Upper

101 100

85 46.7 35.7 53.5

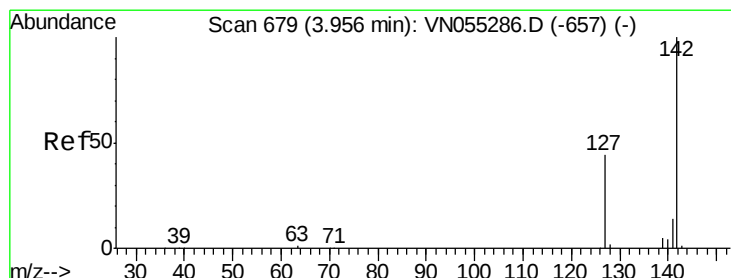
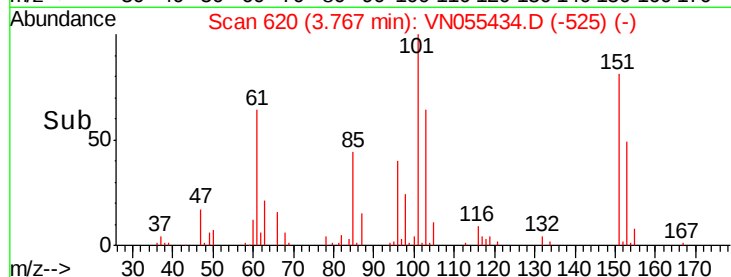
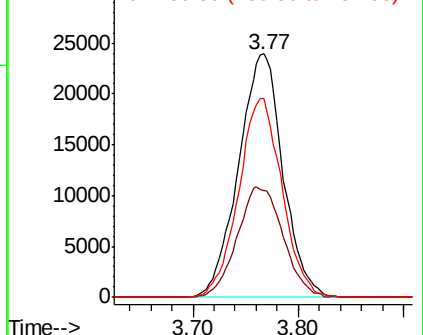
151 79.7 63.3 94.9



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: 17.579 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

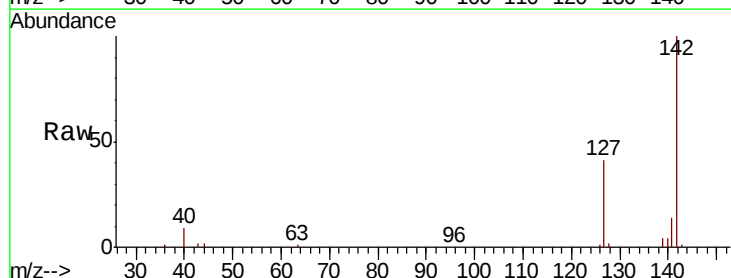
Tgt Ion:142 Resp: 91744

Ion Ratio Lower Upper

142 100

127 43.1 34.4 51.6

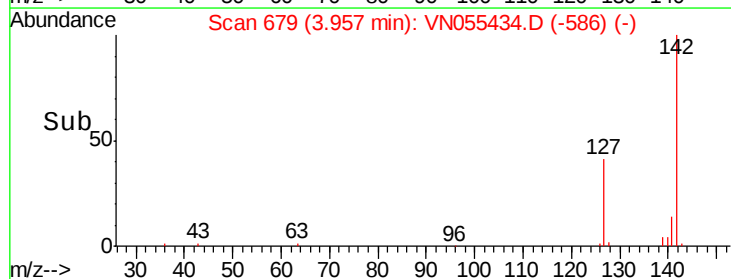
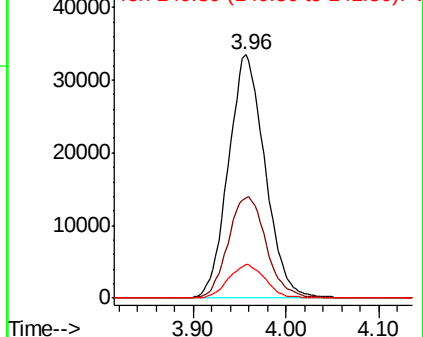
141 13.6 11.5 17.3

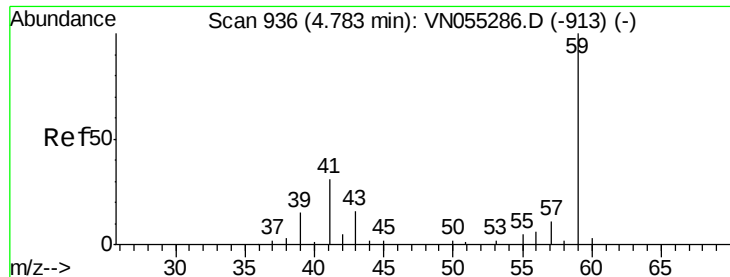


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

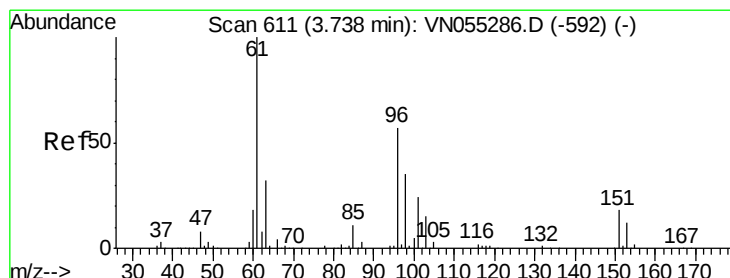
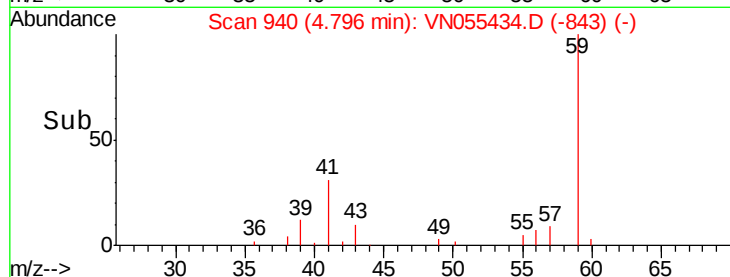
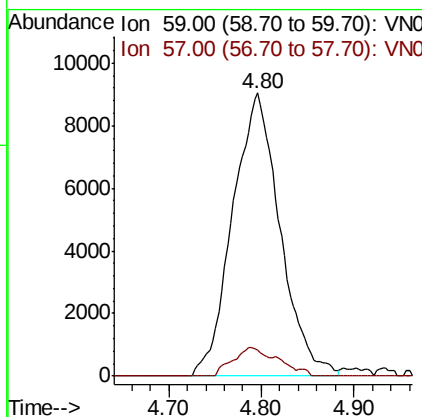
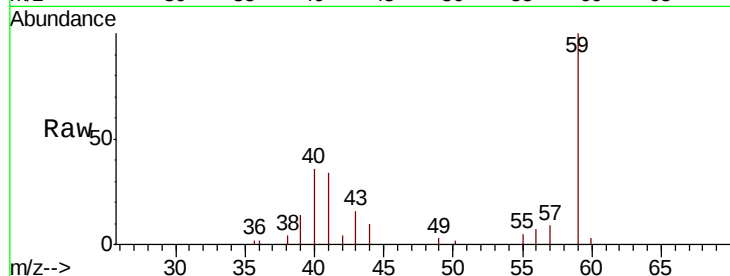




#11
Tert butyl alcohol
Concen: 119.690 ug/l
RT: 4.80 min Scan# 940
Delta R.T. 0.01 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

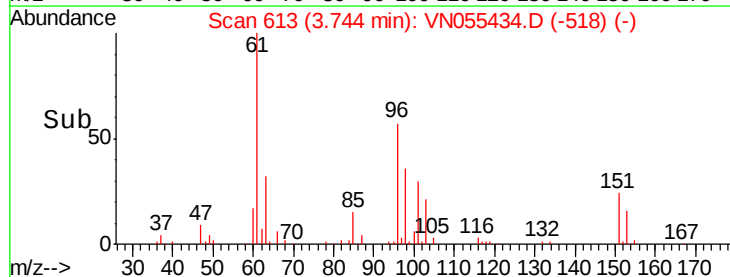
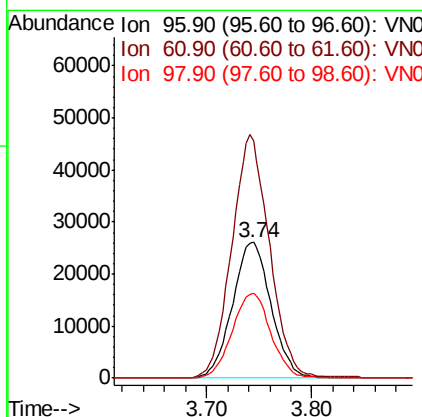
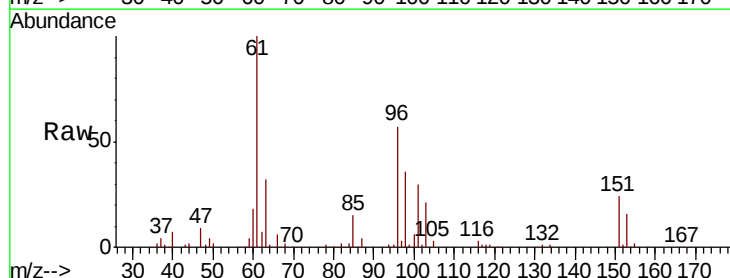
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

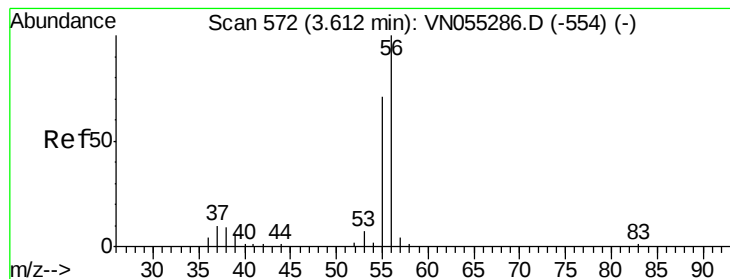
Tot Ion: 59 Resp: 32104
Ion Ratio Lower Upper
59 100
57 6.8 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 18.758 ug/l
RT: 3.74 min Scan# 613
Delta R.T. 0.01 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

Tgt Ion: 96 Resp: 66356
Ion Ratio Lower Upper
96 100
61 175.2 140.9 211.3
98 62.3 50.0 75.0





#13

Acrolein

Concen: 54.436 ug/l

RT: 3.62 min Scan# 574

Delta R.T. 0.01 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

Instrument :

MSVOA_N

ClientSampled :

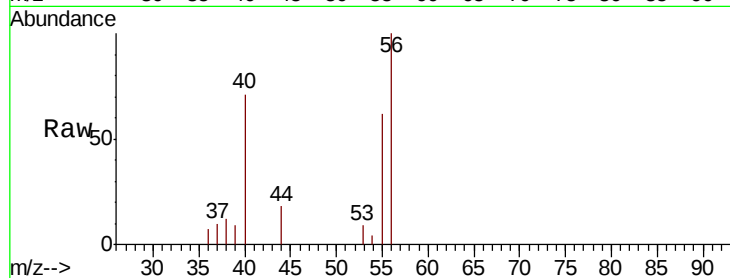
VN0507WBS01

Tot Ion: 56 Resp: 11403

Ion Ratio Lower Upper

56 100

55 77.1 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.62

4000

3000

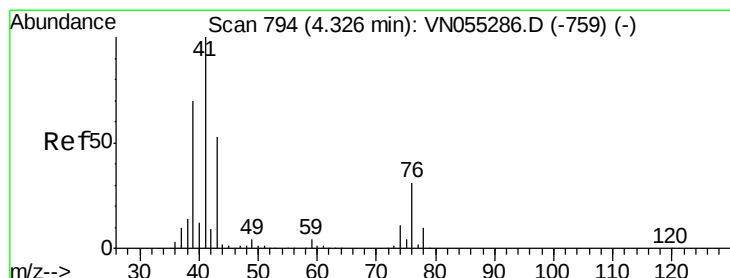
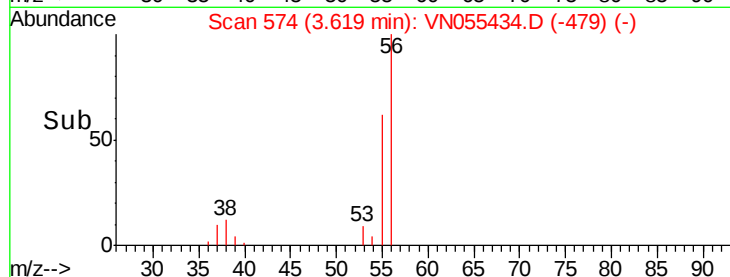
2000

1000

0

Time-->

3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 19.488 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

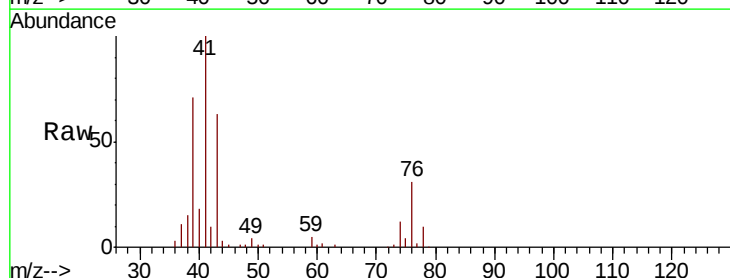
Tgt Ion: 41 Resp: 142778

Ion Ratio Lower Upper

41 100

39 66.0 53.0 79.6

76 28.3 22.7 34.1



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

60000

50000

40000

30000

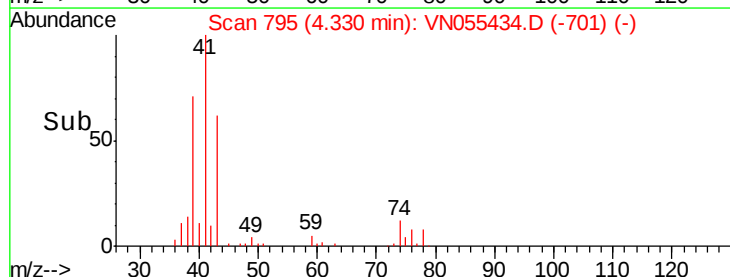
20000

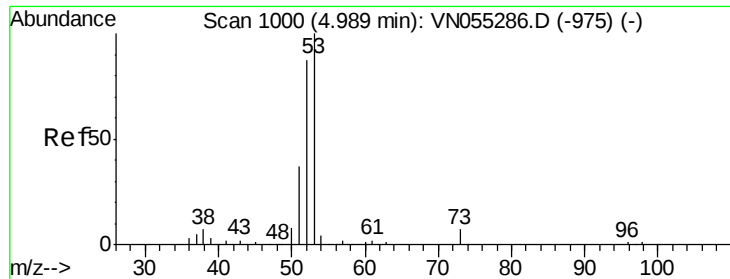
10000

0

Time-->

4.20 4.30 4.40





#15

Acrylonitrile

Concen: 109.716 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBS01

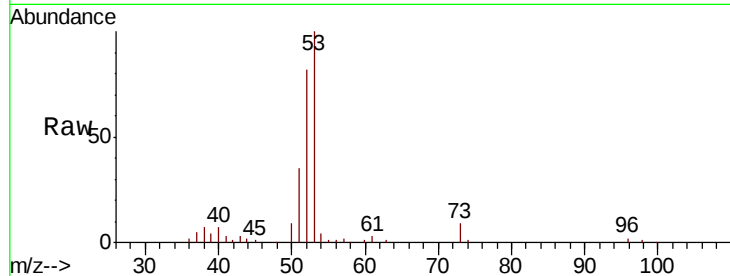
Tot Ion: 53 Resp: 165415

Ion Ratio Lower Upper

53 100

52 82.1 66.5 99.7

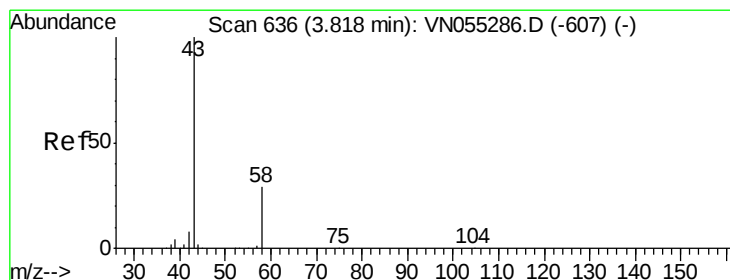
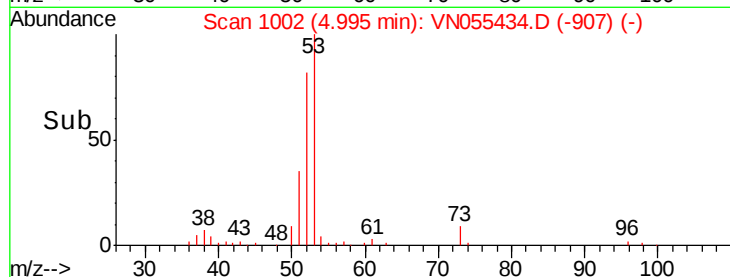
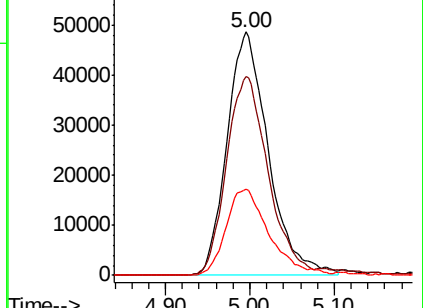
51 36.8 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 99.099 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055434.D

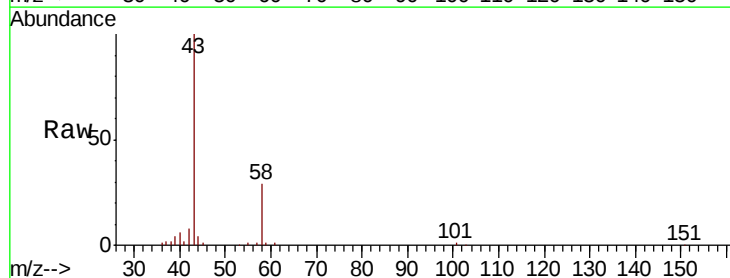
Acq: 7 May 2019 13:48

Tgt Ion: 43 Resp: 144661

Ion Ratio Lower Upper

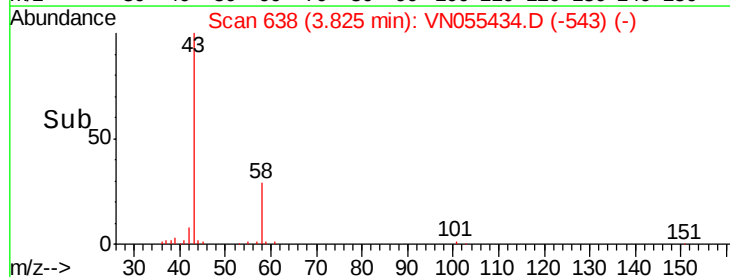
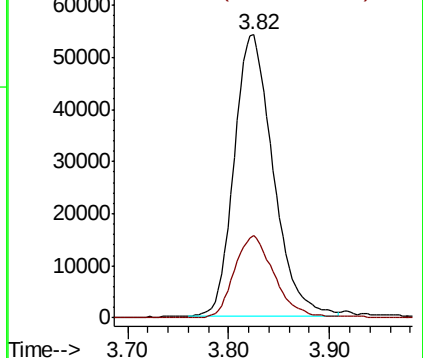
43 100

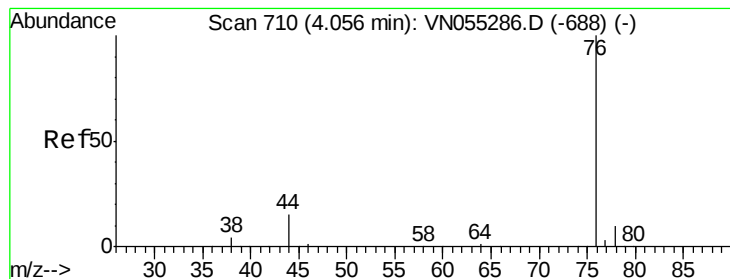
58 28.8 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 15.078 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

Instrument :

MSVOA_N

ClientSampled :

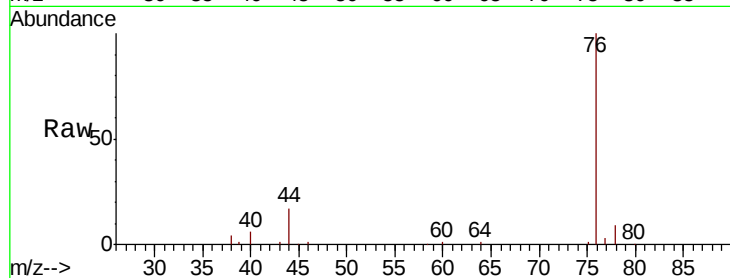
VN0507WBS01

Tot Ion: 76 Resp: 139204

Ion Ratio Lower Upper

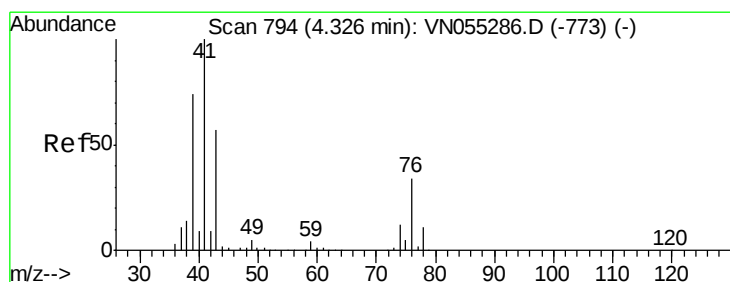
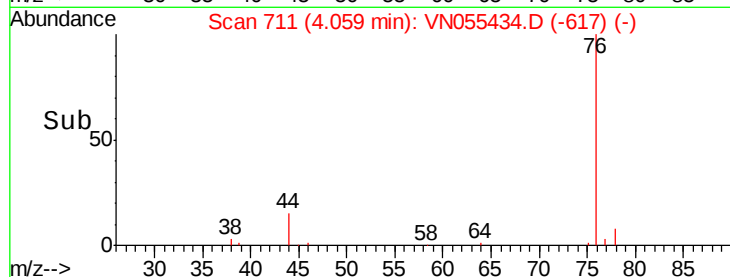
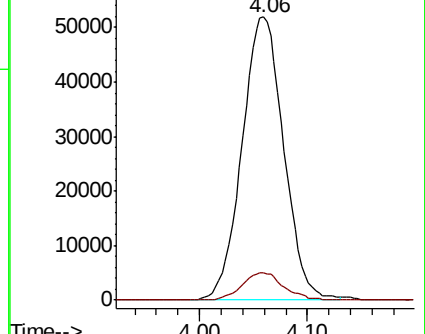
76 100

78 9.5 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: 23.929 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN055434.D

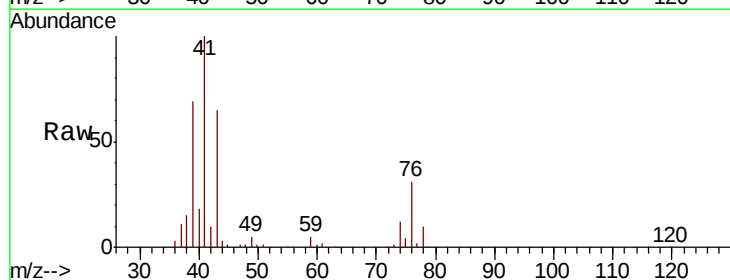
Acq: 7 May 2019 13:48

Tgt Ion: 43 Resp: 87013

Ion Ratio Lower Upper

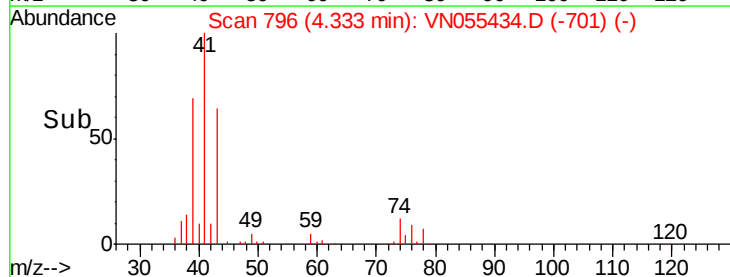
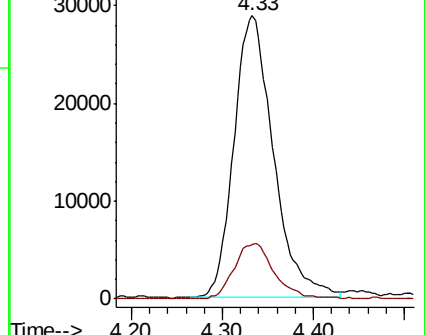
43 100

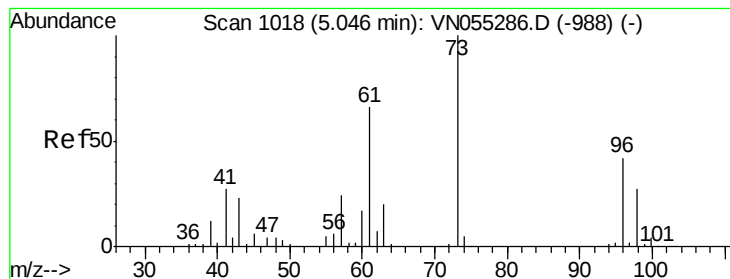
74 19.8 15.8 23.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



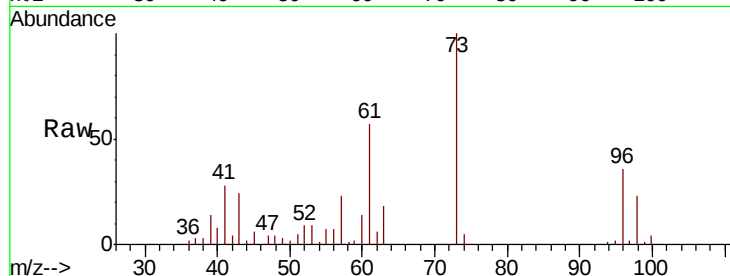


#19

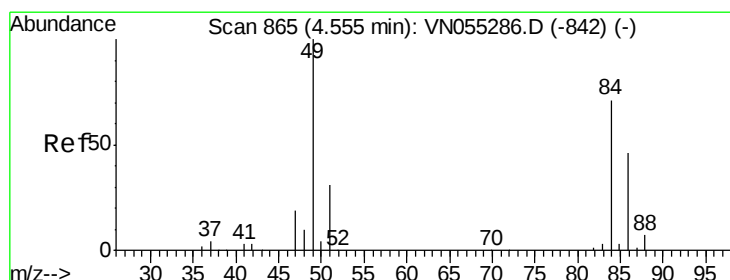
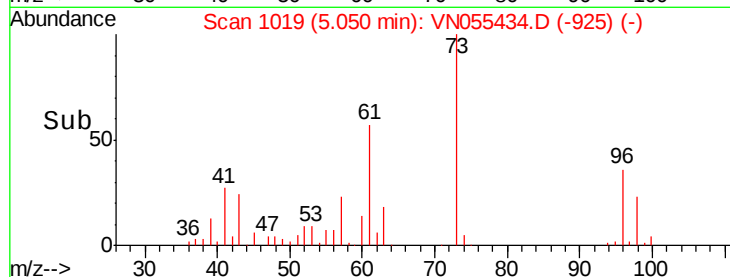
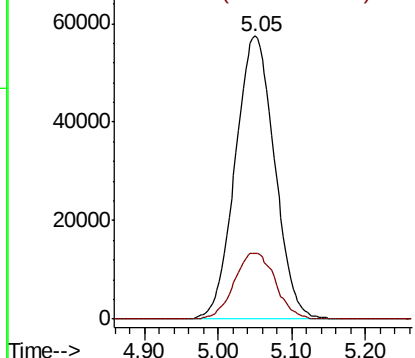
Methyl tert-butyl Ether
 Concen: 21.452 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VN055434.D
 Acq: 7 May 2019 13:48

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0507WBS01

Tot Ion: 73 Resp: 213339
 Ion Ratio Lower Upper
 73 100
 57 23.1 19.1 28.7



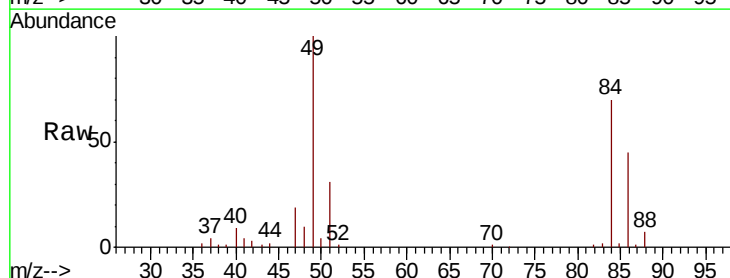
Abundance Ion 73.00 (72.70 to 73.70): VN055286.D (-988) (-)
 Ion 57.00 (56.70 to 57.70): VN055286.D (-988) (-)



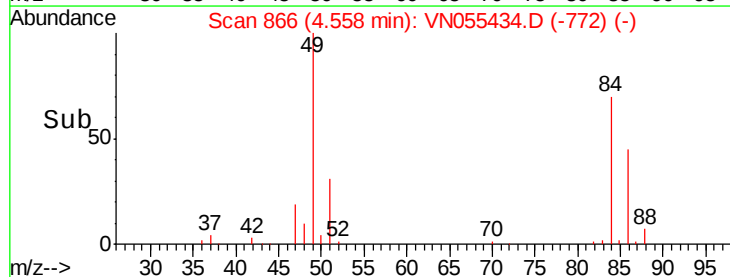
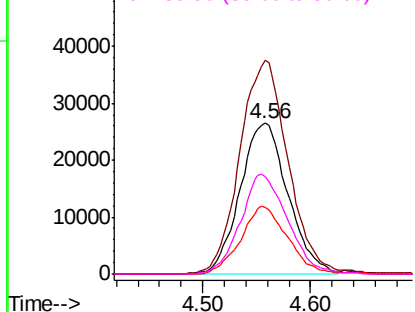
#20

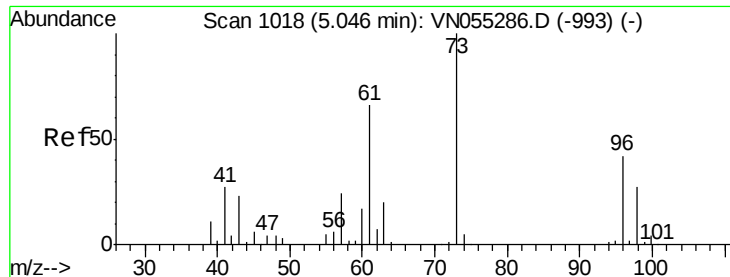
Methylene Chloride
 Concen: 18.352 ug/l
 RT: 4.56 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: VN055434.D
 Acq: 7 May 2019 13:48

Tgt Ion: 84 Resp: 81769
 Ion Ratio Lower Upper
 84 100
 49 141.4 112.4 168.6
 51 44.2 34.6 51.8
 86 64.4 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) (-)

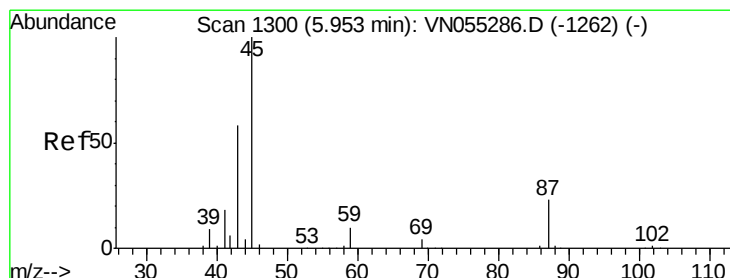
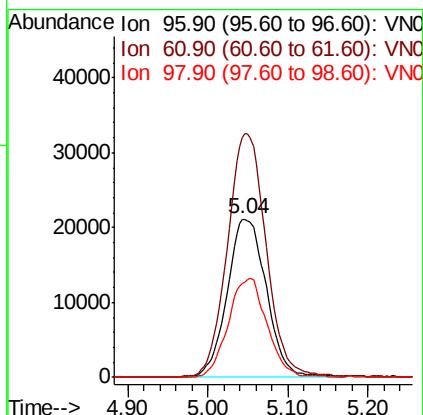
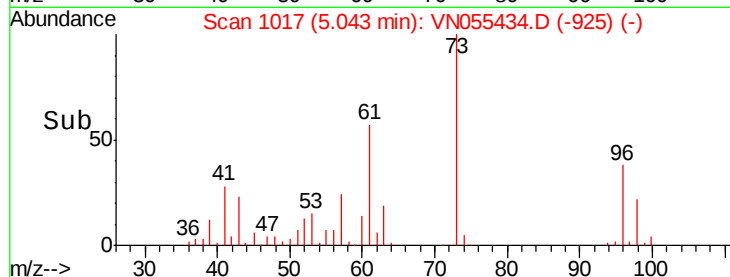
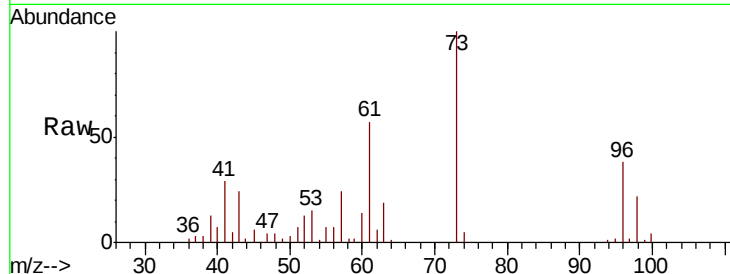




#21
trans-1,2-Dichloroethene
Concen: 18.764 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

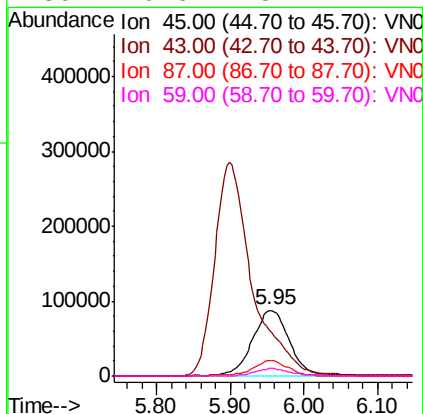
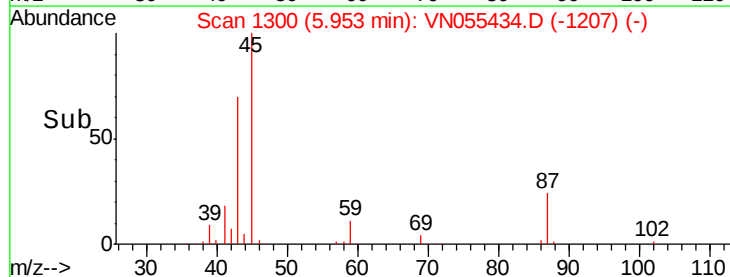
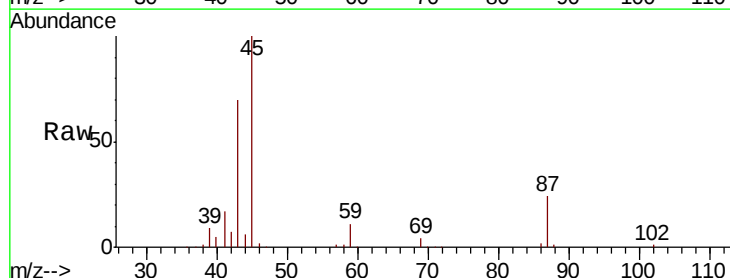
Instrument :
MSVOA_N
ClientSampled :
VN0507WBS01

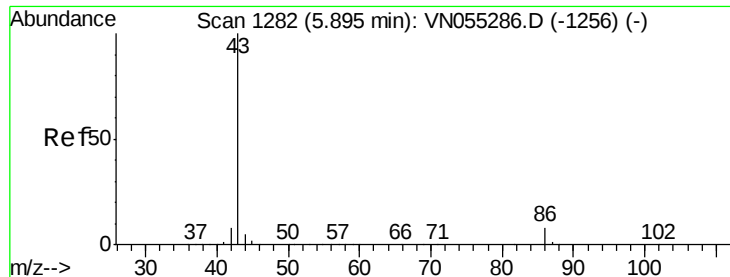
Tot Ion: 96 Resp: 70300
Ion Ratio Lower Upper
96 100
61 150.7 126.2 189.4
98 59.2 52.2 78.2



#22
Diisopropyl ether
Concen: 21.052 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

Tgt Ion: 45 Resp: 306467
Ion Ratio Lower Upper
45 100
43 67.4 46.6 70.0
87 23.2 18.1 27.1
59 10.6 8.2 12.2

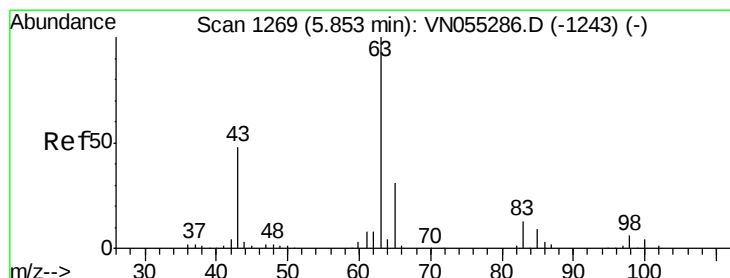
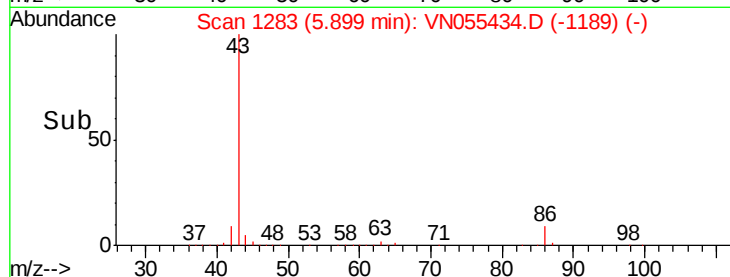
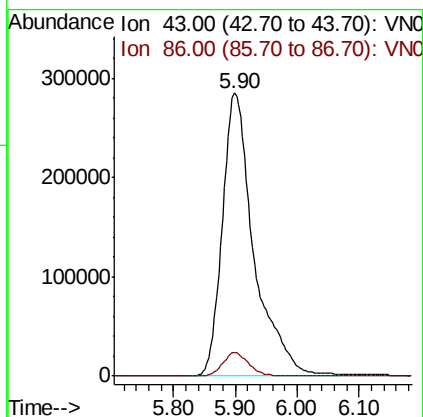
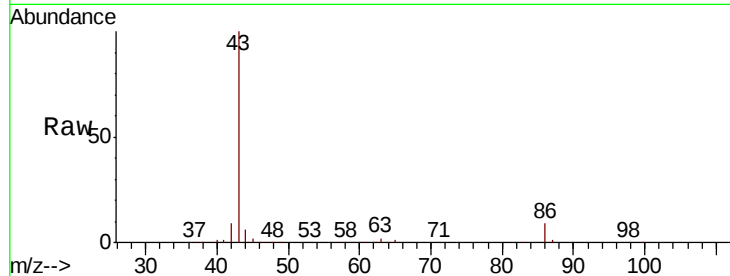




#23
 Vinyl Acetate
 Concen: 106.372 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN055434.D
 Acq: 7 May 2019 13:48

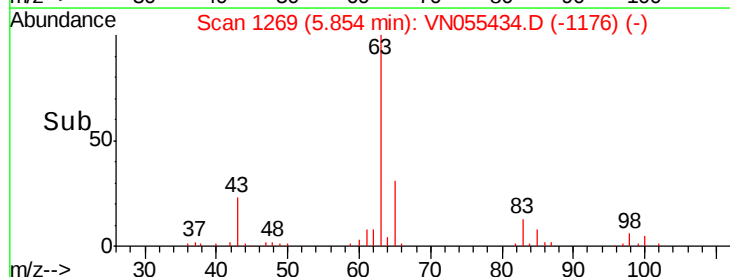
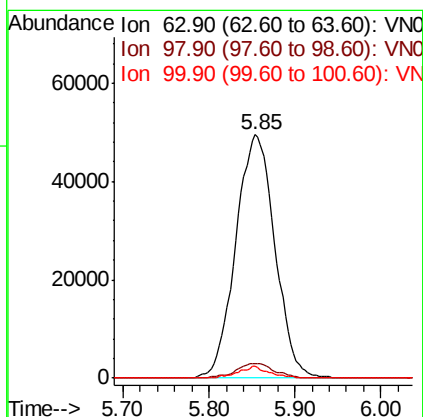
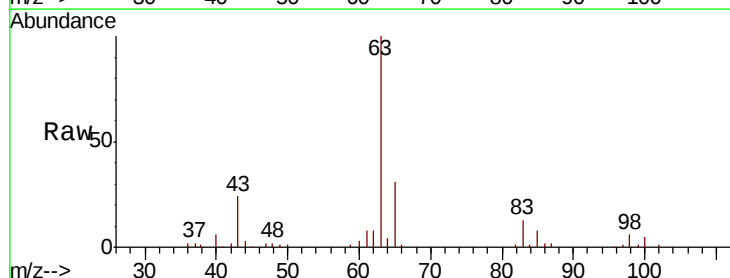
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBS01

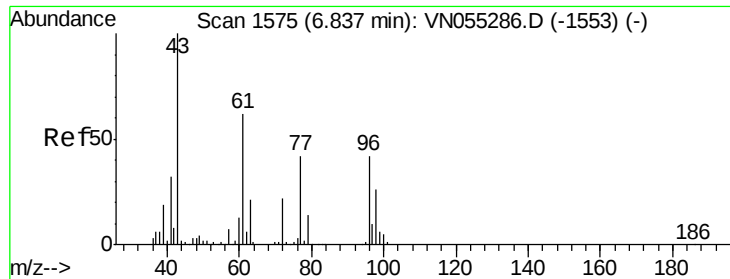
Tot Ion: 43 Resp: 1014880
 Ion Ratio Lower Upper
 43 100
 86 8.5 6.6 10.0



#24
 1,1-Dichloroethane
 Concen: 20.180 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN055434.D
 Acq: 7 May 2019 13:48

Tgt Ion: 63 Resp: 156520
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.0 9.0
 100 5.0 1.8 5.4





#25

2-Butanone

Concen: 111.056 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

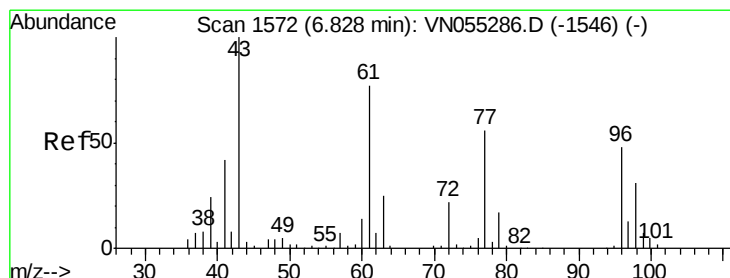
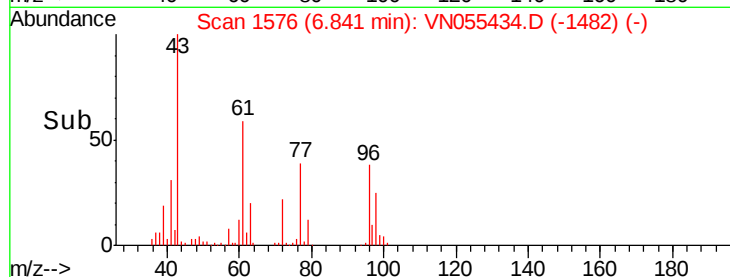
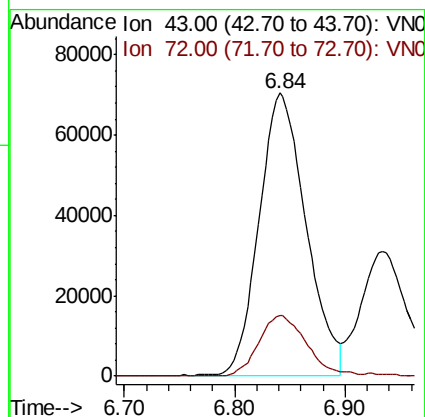
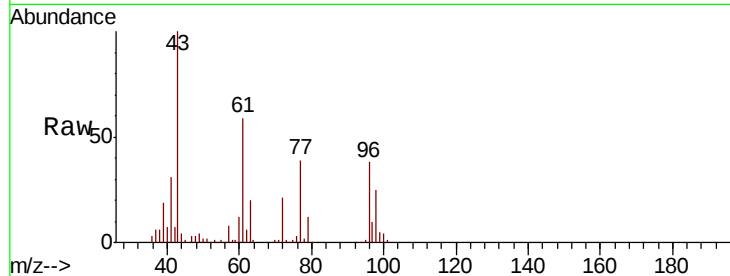
VN0507WBS01

Tot Ion: 43 Resp: 207325

Ion Ratio Lower Upper

43 100

72 21.5 18.0 27.0



#26

2,2-Dichloropropane

Concen: 19.575 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055434.D

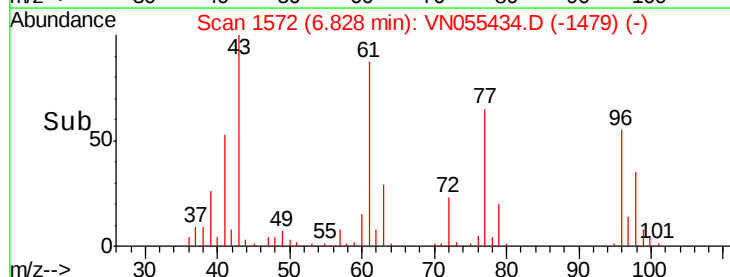
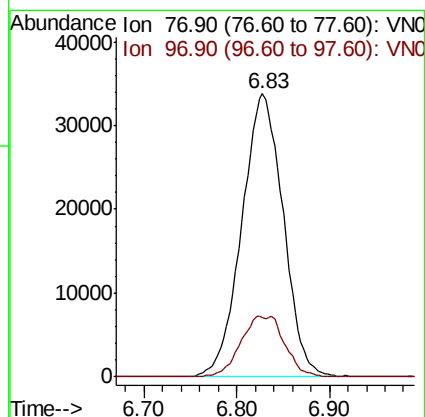
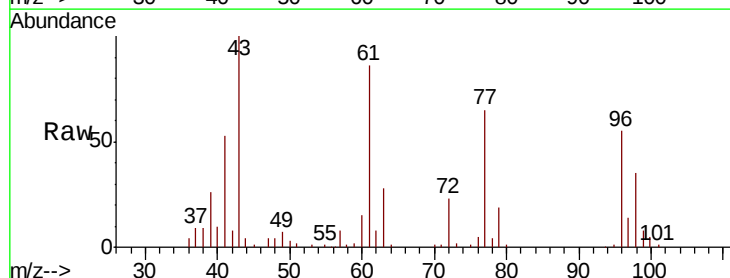
Acq: 7 May 2019 13:48

Tgt Ion: 77 Resp: 104845

Ion Ratio Lower Upper

77 100

97 13.1 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 20.083 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

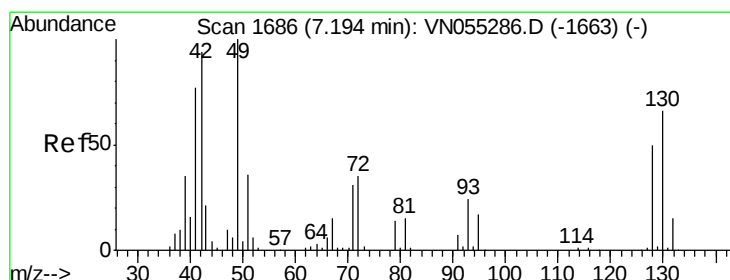
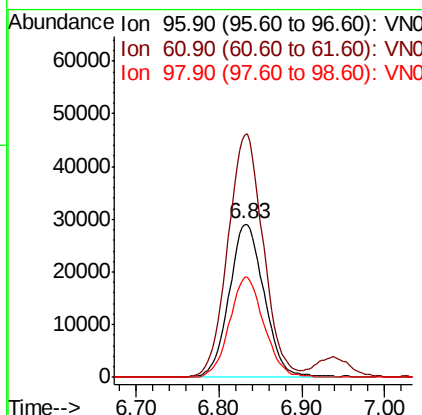
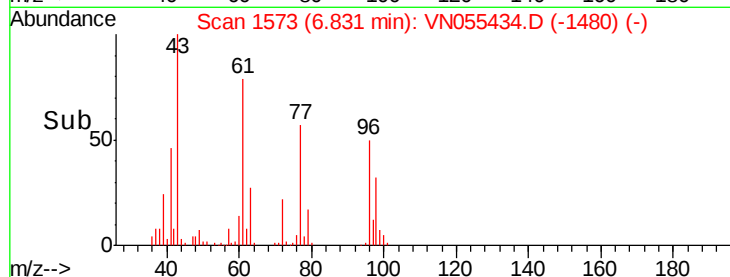
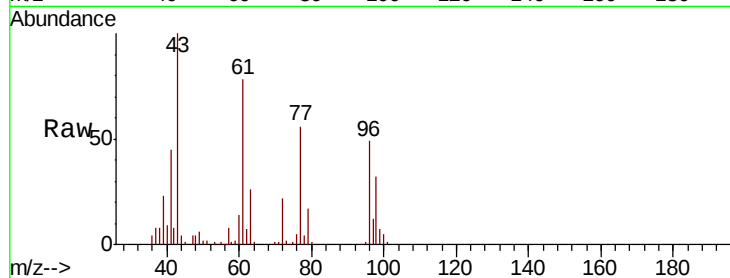
Lab File: VN055434.D

Acq: 7 May 2019 13:48

Instrument :
MSVOA_N
ClientSampled :
VN0507WBS01

Tot Ion: 96 Resp: 85565

Ion	Ratio	Lower	Upper
96	100		
61	160.1	0.0	316.2
98	64.4	0.0	126.6



#28

Bromochloromethane

Concen: 20.210 ug/l

RT: 7.20 min Scan# 1687

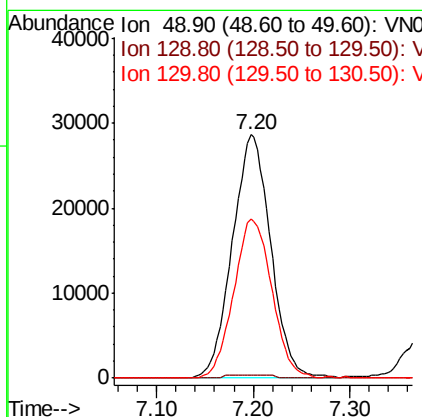
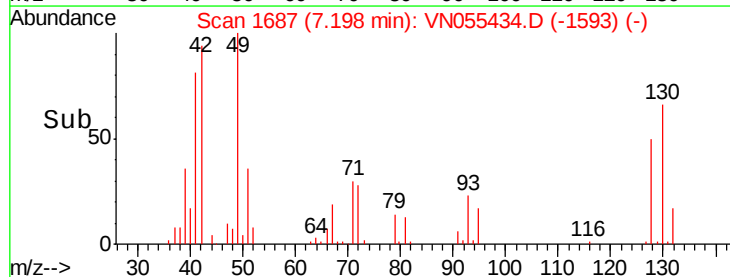
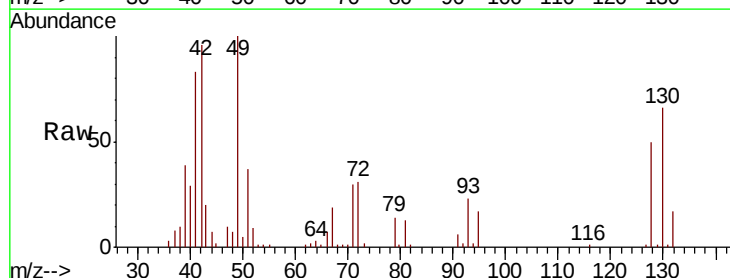
Delta R.T. 0.00 min

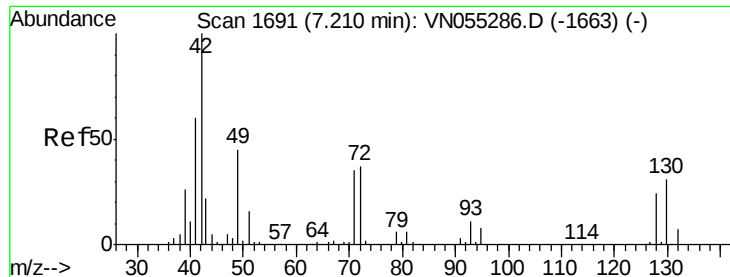
Lab File: VN055434.D

Acq: 7 May 2019 13:48

Tgt Ion: 49 Resp: 79014

Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	2.4
130	64.8	52.0	78.0

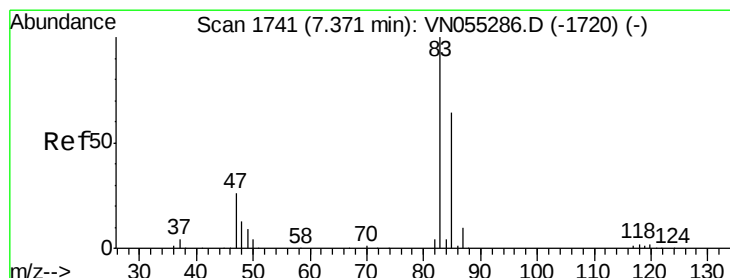
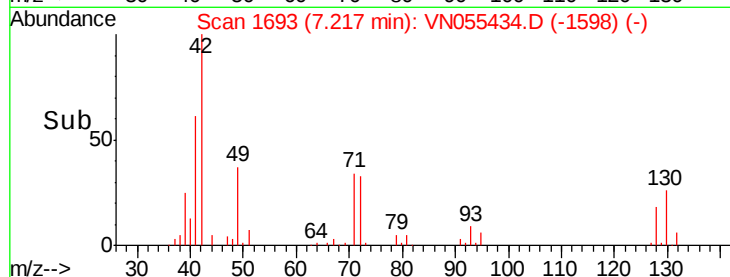
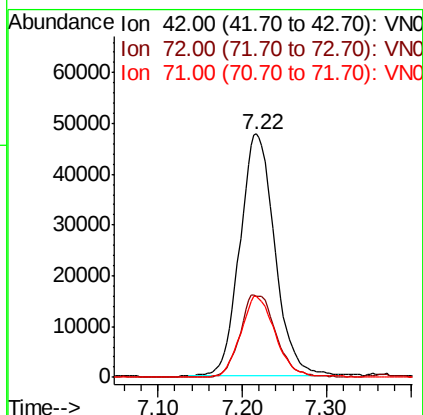
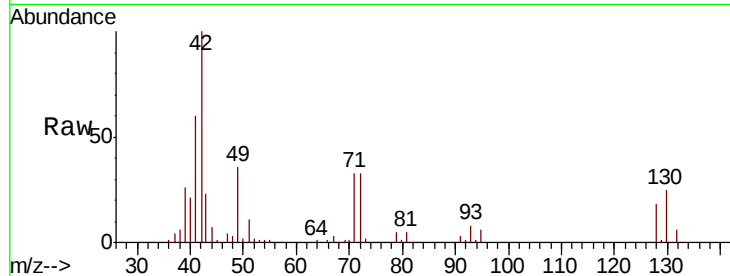




#29
Tetrahydrofuran
Concen: 115.270 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

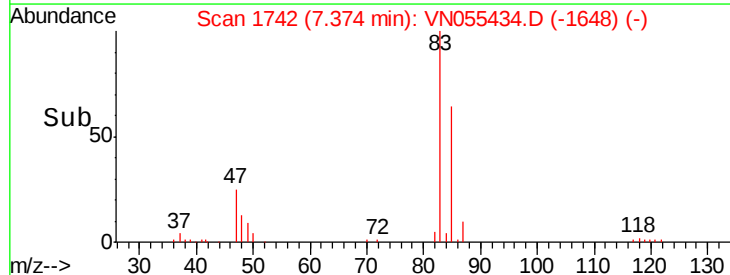
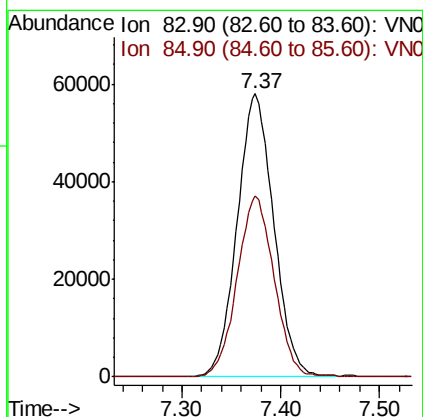
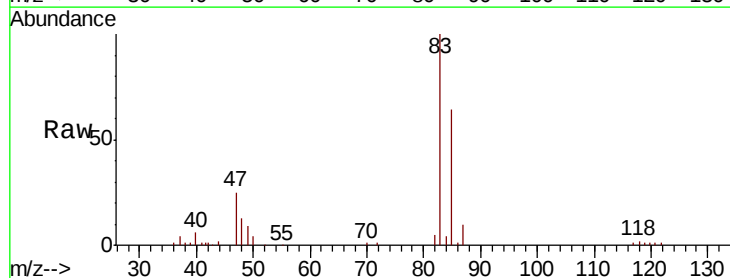
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

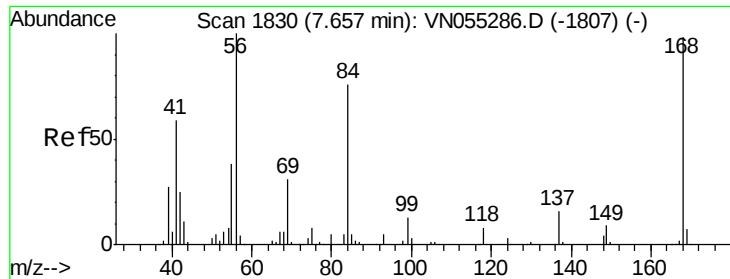
Tot Ion: 42 Resp: 137793
Ion Ratio Lower Upper
42 100
72 35.1 29.0 43.6
71 33.1 27.1 40.7



#30
Chloroform
Concen: 20.282 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

Tgt Ion: 83 Resp: 149127
Ion Ratio Lower Upper
83 100
85 64.0 51.4 77.2

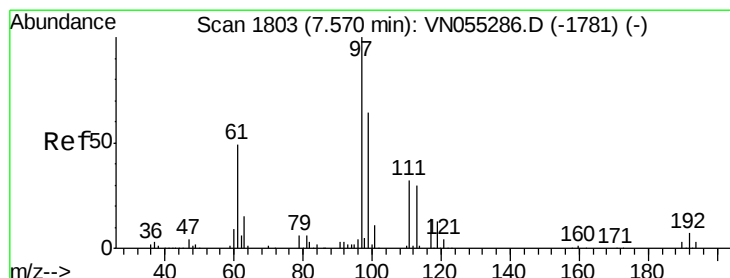
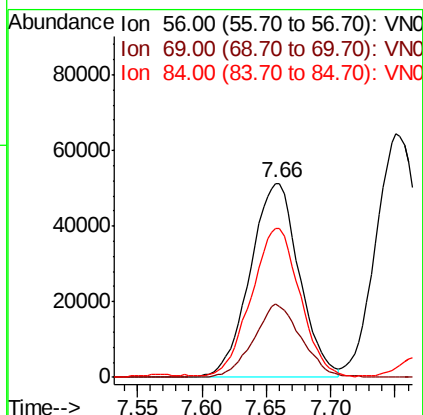
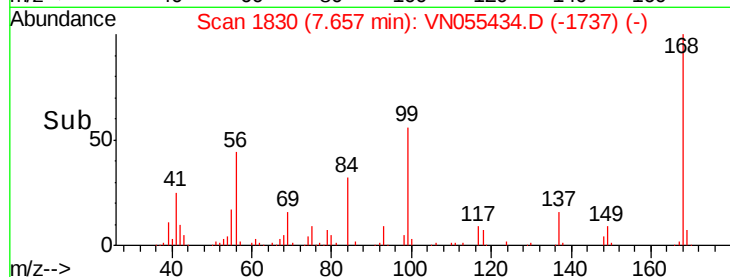
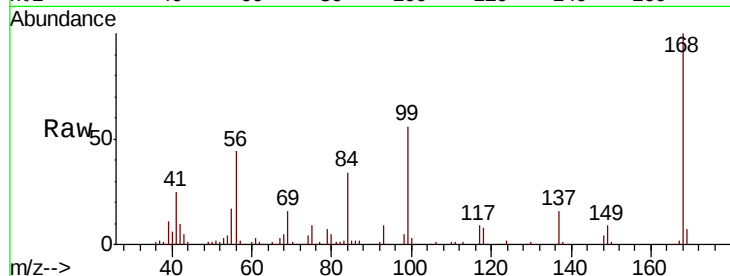




#31
Cyclohexane
Concen: 18.433 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

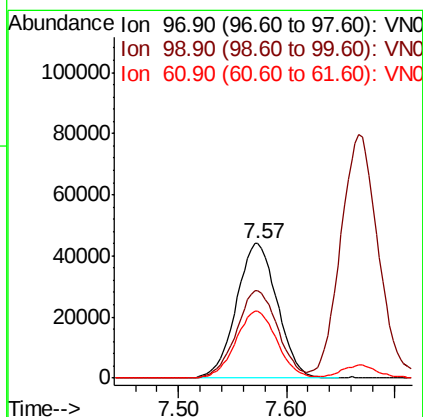
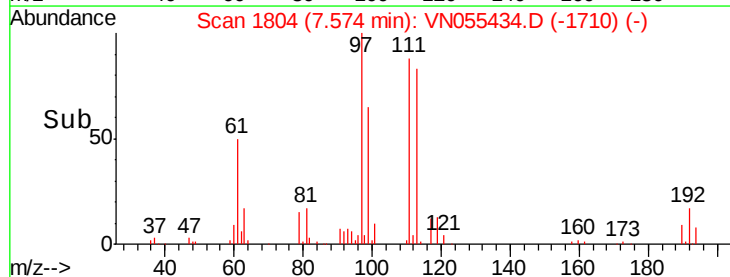
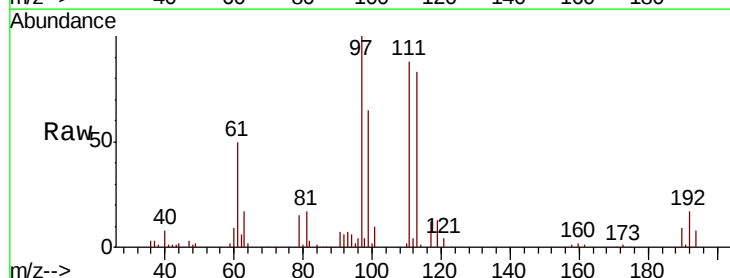
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

Tot Ion: 56 Resp: 135839
Ion Ratio Lower Upper
56 100
69 37.4 25.2 37.8
84 75.7 61.1 91.7



#32
1,1,1-Trichloroethane
Concen: 19.485 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

Tgt Ion: 97 Resp: 116271
Ion Ratio Lower Upper
97 100
99 65.9 51.8 77.8
61 50.2 39.0 58.6

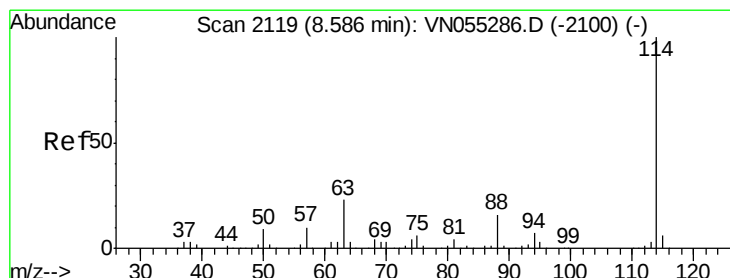
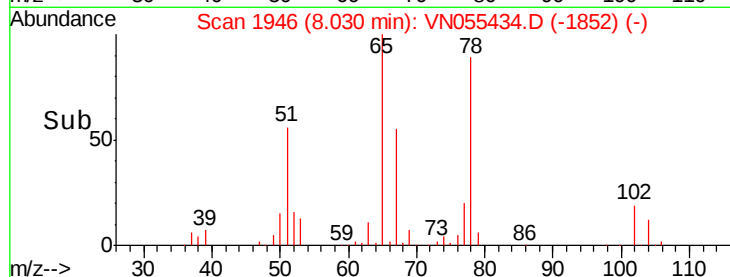
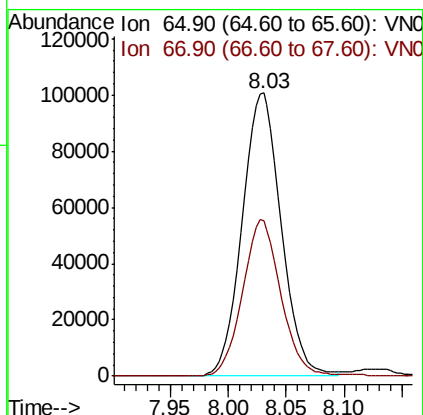
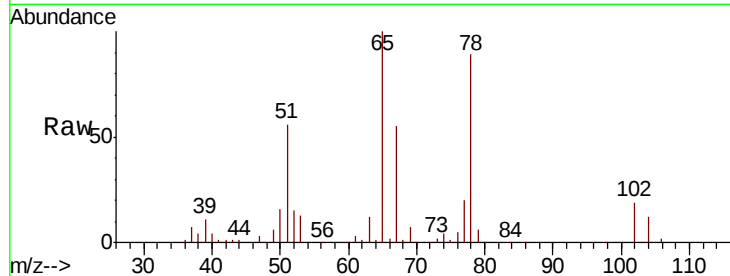




#33
 1,2-Dichloroethane-d4
 Concen: 50.263 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN055434.D
 Acq: 7 May 2019 13:48

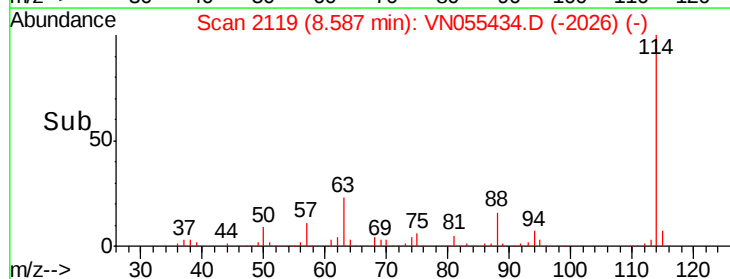
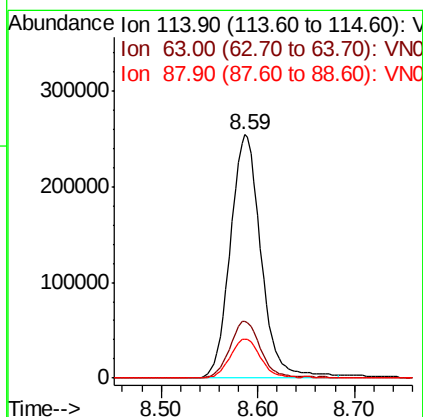
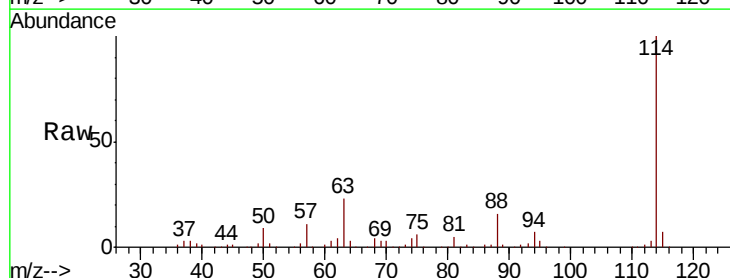
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBS01

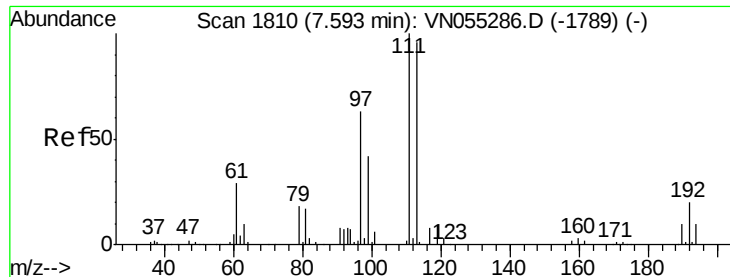
Tot Ion: 65 Resp: 235480
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055434.D
 Acq: 7 May 2019 13:48

Tgt Ion: 114 Resp: 561226
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 45.2
 88 16.1 0.0 31.6

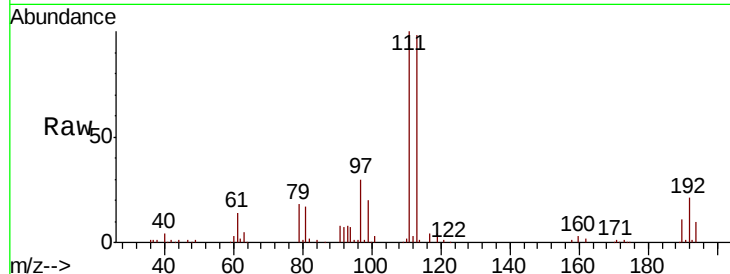




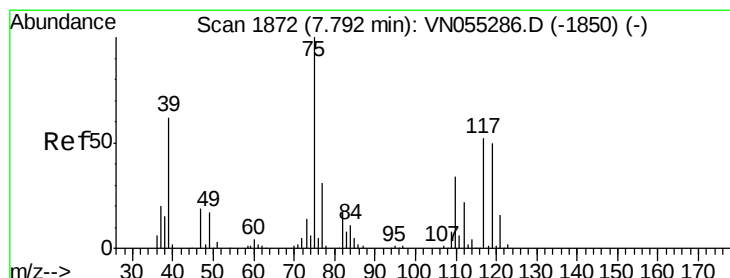
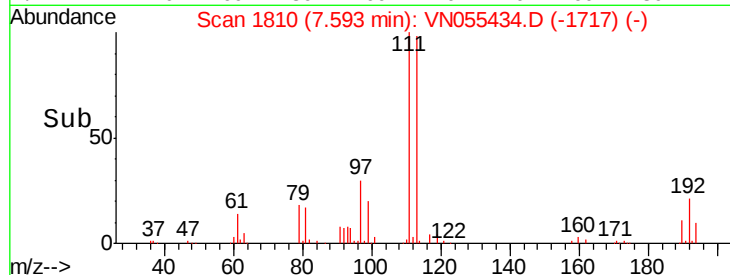
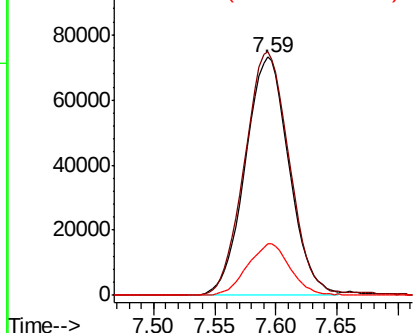
#35
 Dibromofluoromethane
 Concen: 49.470 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055434.D
 Acq: 7 May 2019 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.2	82.3	123.5
192	21.0	17.0	25.6

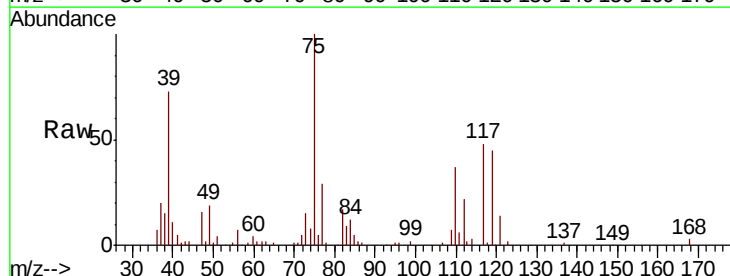


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

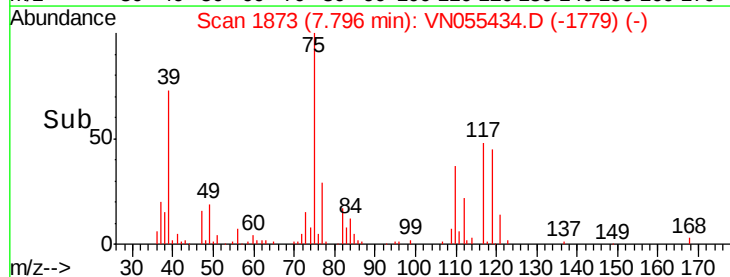
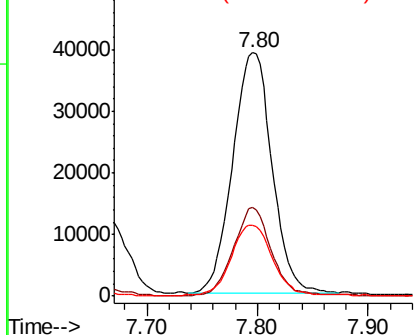


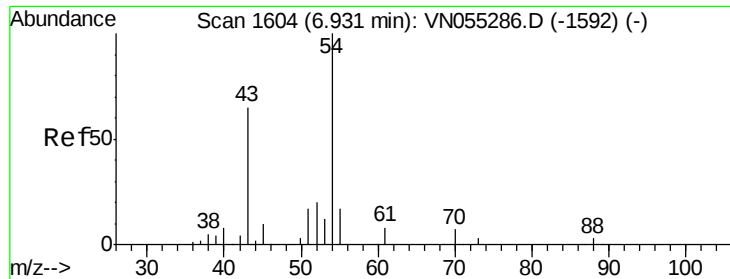
#36
 1,1-Dichloropropene
 Concen: 17.888 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN055434.D
 Acq: 7 May 2019 13:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	16.8	50.4
77	31.4	25.0	37.6



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

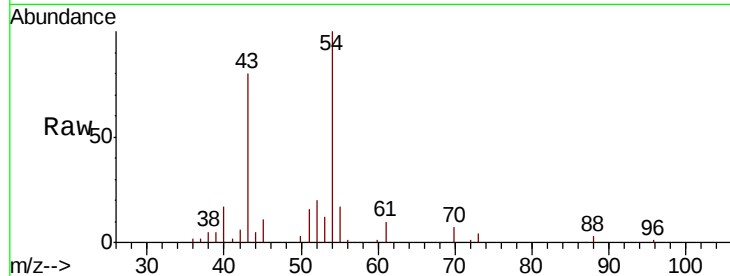




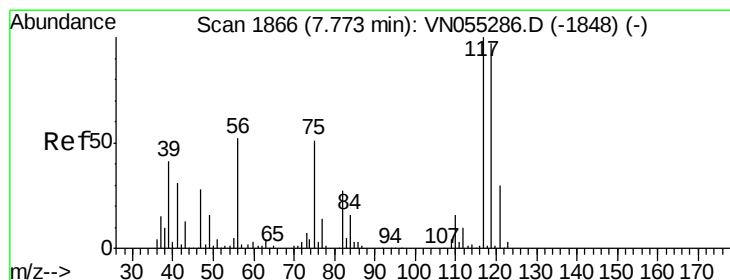
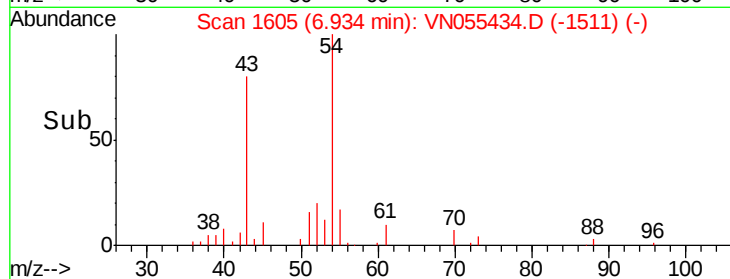
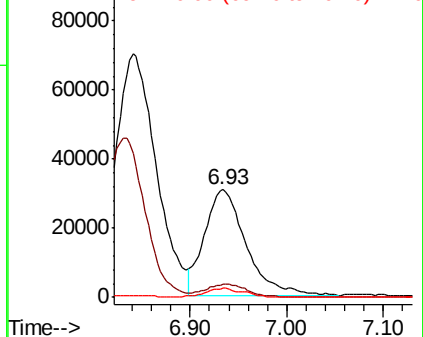
#37
Ethyl Acetate
Concen: 22.322 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

Tot Ion: 43 Resp: 91968
Ion Ratio Lower Upper
43 100
61 12.5 10.4 15.6
70 5.5 6.6 10.0#

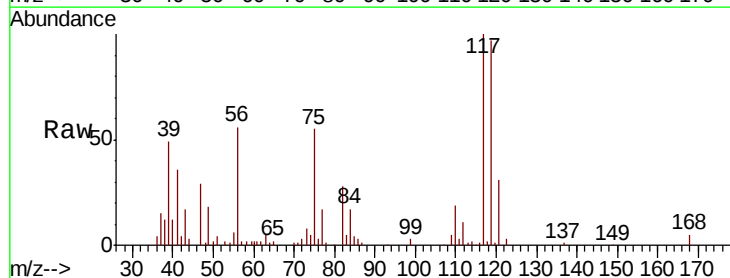


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

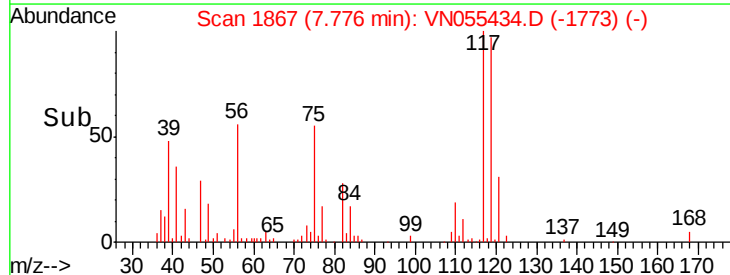
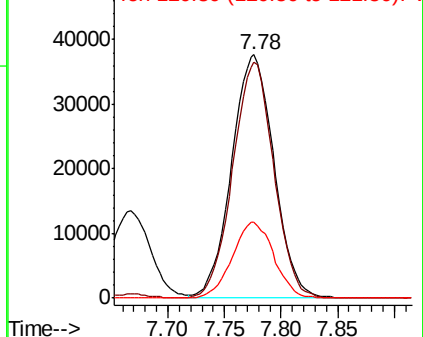


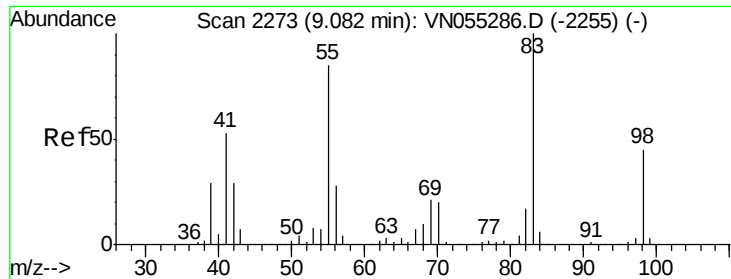
#38
Carbon Tetrachloride
Concen: 18.911 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

Tgt Ion: 117 Resp: 98067
Ion Ratio Lower Upper
117 100
119 96.9 77.0 115.6
121 31.2 23.8 35.8



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

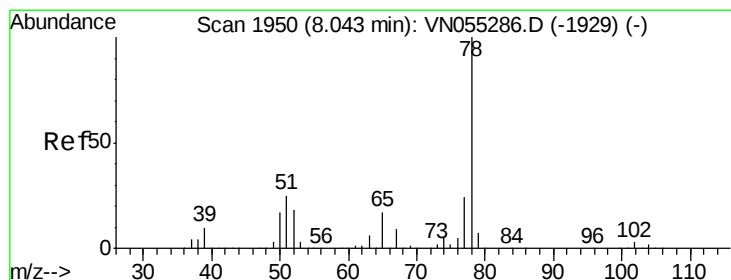
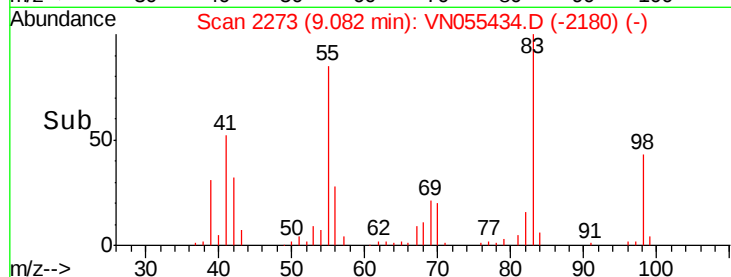
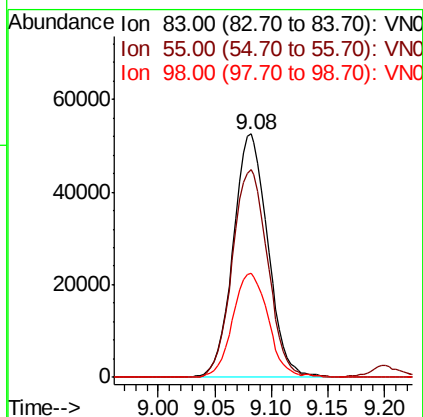
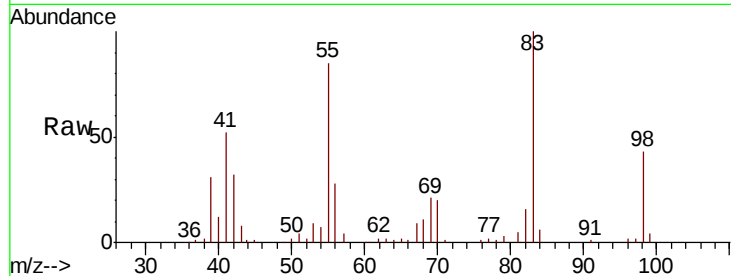




#39
Methvlcvclohexane
Concen: 19.578 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

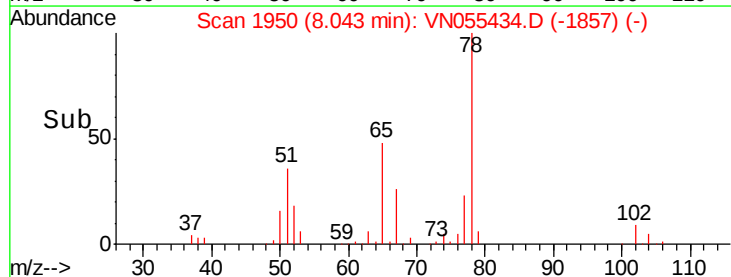
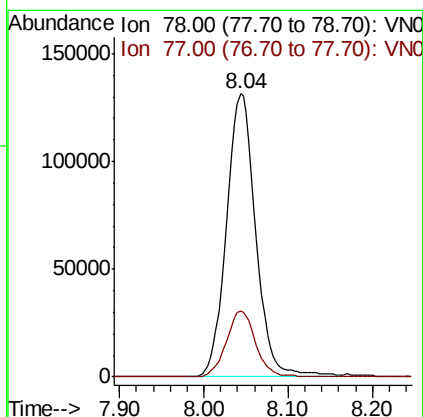
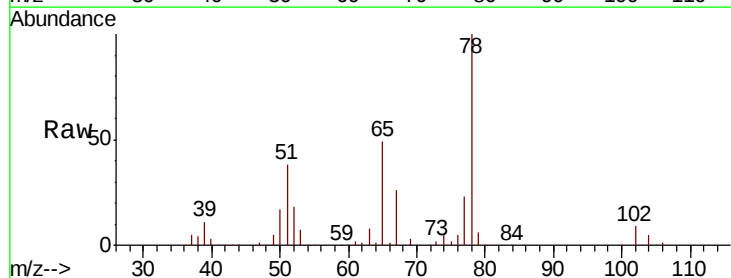
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

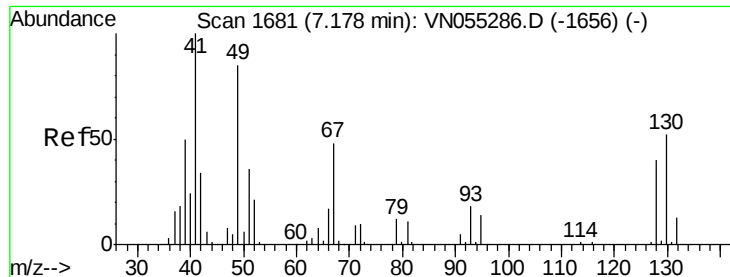
Tot Ion: 83 Resp: 111899
Ion Ratio Lower Upper
83 100
55 85.2 67.8 101.6
98 42.6 36.2 54.4



#40
Benzene
Concen: 20.054 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

Tgt Ion: 78 Resp: 317794
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6





#41

Methacrylonitrile

Concen: 20.900 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

Instrument :

MSVOA_N

ClientSampled :

VN0507WBS01

Tot Ion: 41 Resp: 45629

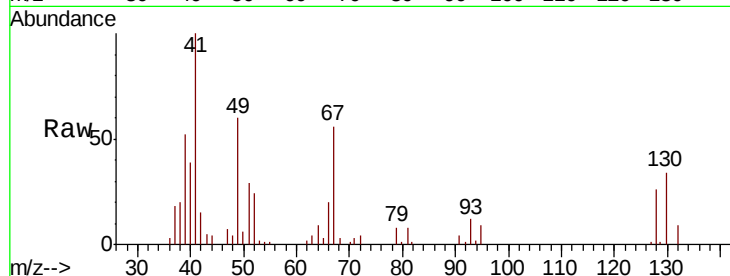
Ion Ratio Lower Upper

41 100

39 62.9 48.5 72.7

67 77.1 54.9 82.3

52 34.3 24.9 37.3

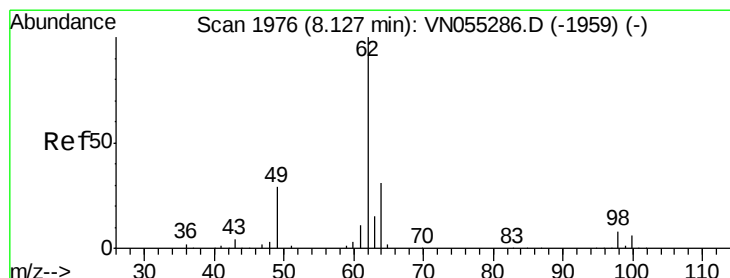
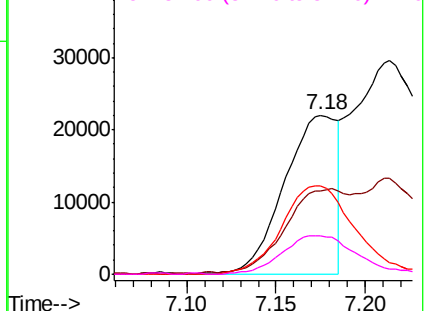
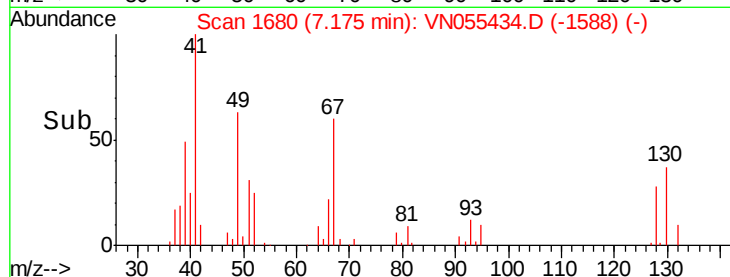


Abundance Ion 41.00 (40.70 to 41.70): VN0

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: 20.285 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN055434.D

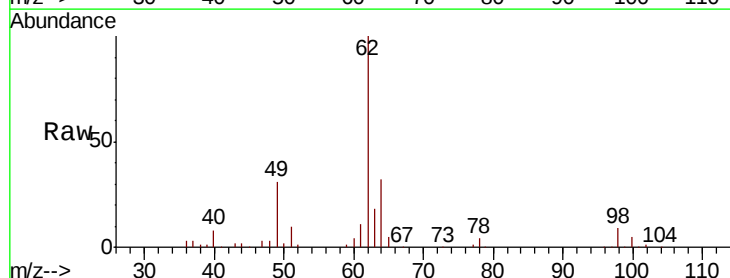
Acq: 7 May 2019 13:48

Tgt Ion: 62 Resp: 113852

Ion Ratio Lower Upper

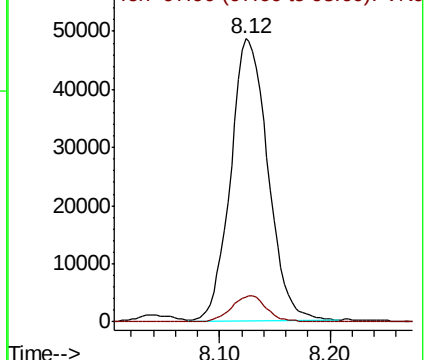
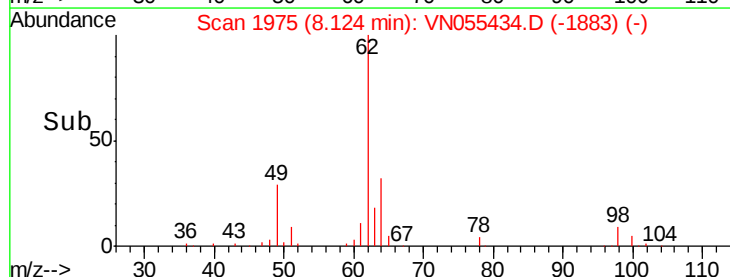
62 100

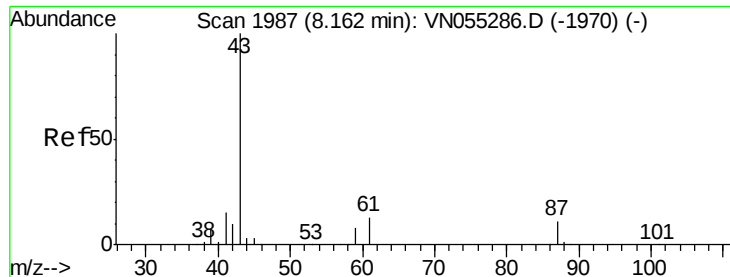
98 8.8 0.0 16.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 23.182 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBS01

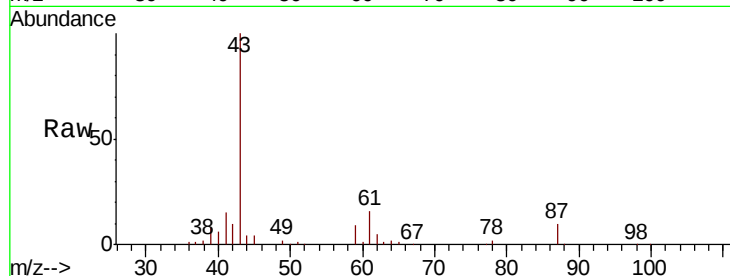
Tot Ion: 43 Resp: 153493

Ion Ratio Lower Upper

43 100

61 24.3 20.8 31.2

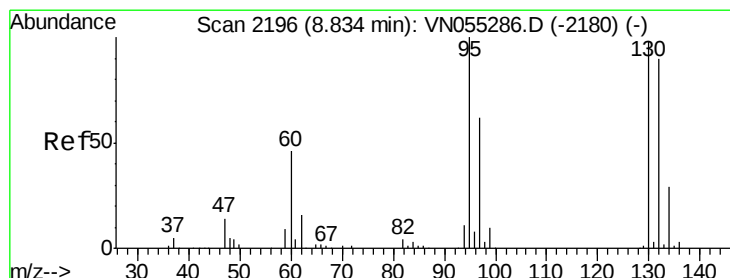
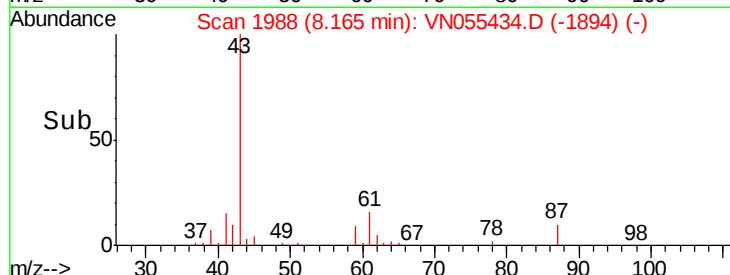
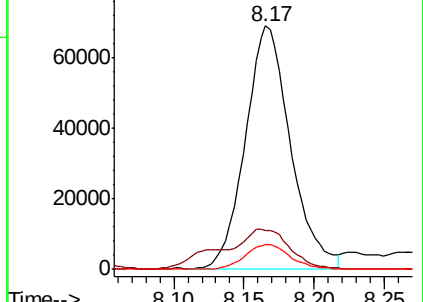
87 10.3 8.5 12.7



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) (-)



#44

Trichloroethene

Concen: 19.283 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055434.D

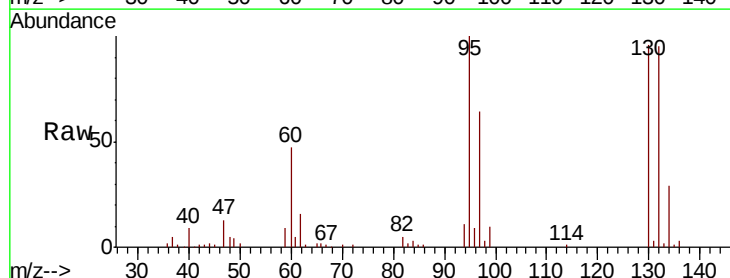
Acq: 7 May 2019 13:48

Tgt Ion:130 Resp: 77900

Ion Ratio Lower Upper

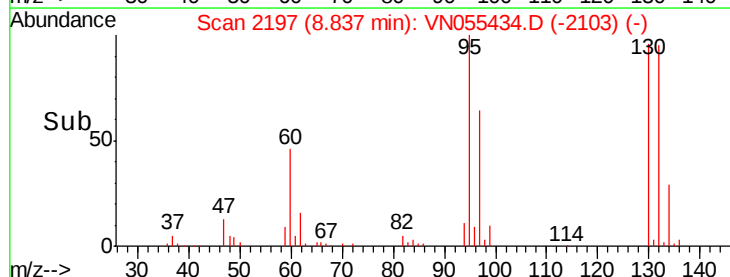
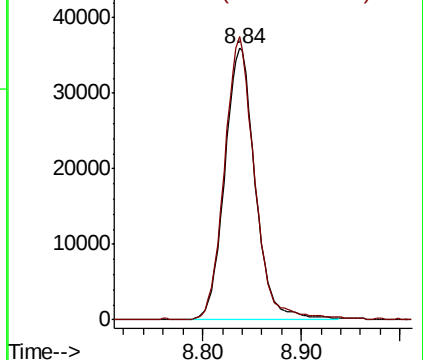
130 100

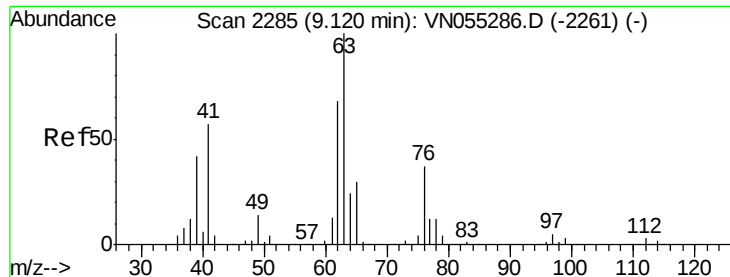
95 104.2 0.0 203.4



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

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





#45

1,2-Dichloropropane

Concen: 20.267 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

Instrument :

MSVOA_N

ClientSampled :

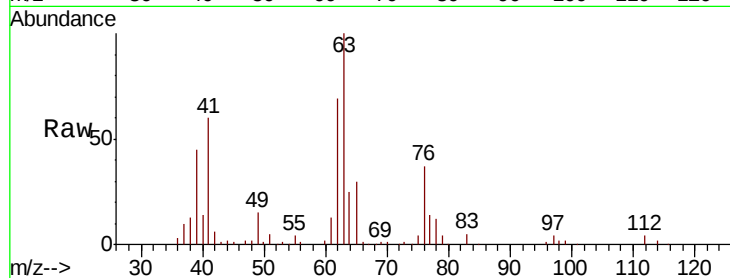
VN0507WBS01

Tot Ion: 63 Resp: 92632

Ion Ratio Lower Upper

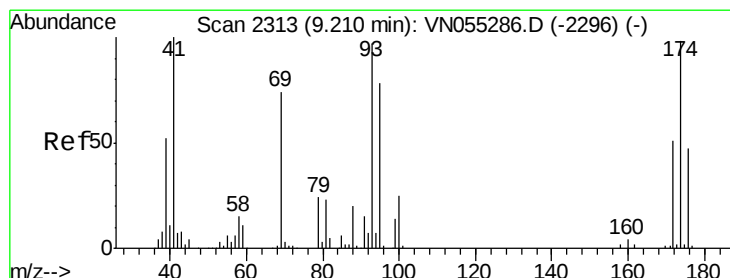
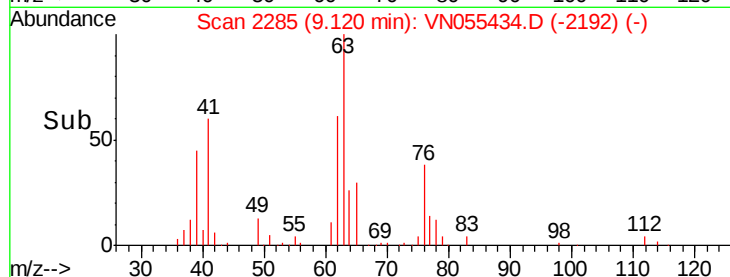
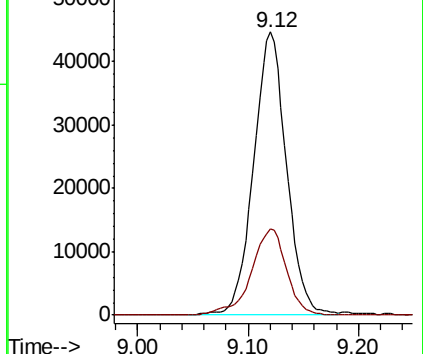
63 100

65 30.3 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.509 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

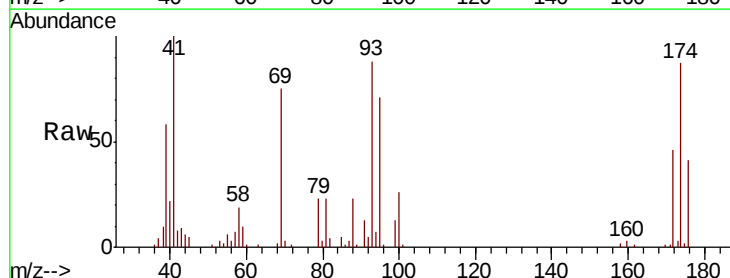
Tgt Ion: 93 Resp: 51237

Ion Ratio Lower Upper

93 100

95 85.1 65.7 98.5

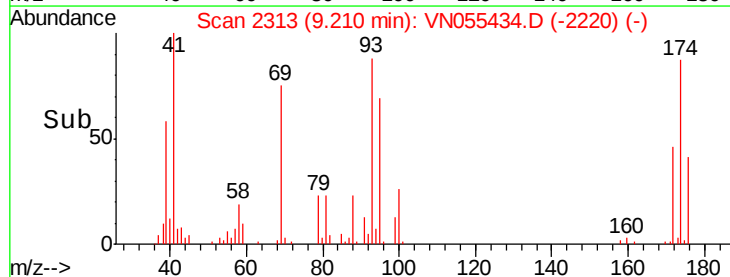
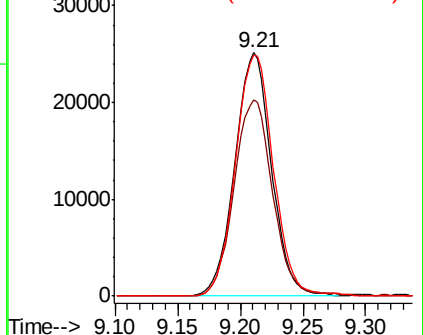
174 102.3 81.5 122.3



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.876 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBS01

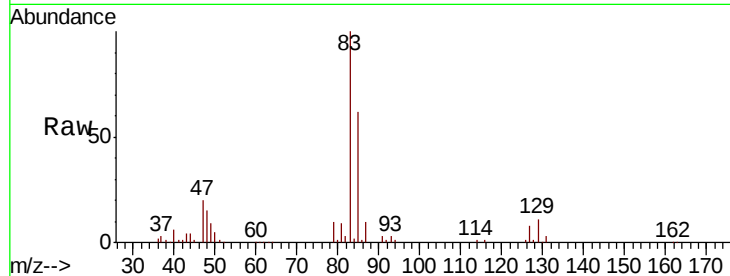
Tot Ion: 83 Resp: 111886

Ion Ratio Lower Upper

83 100

85 61.6 50.1 75.1

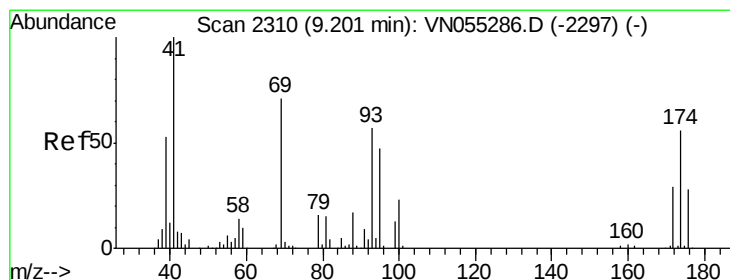
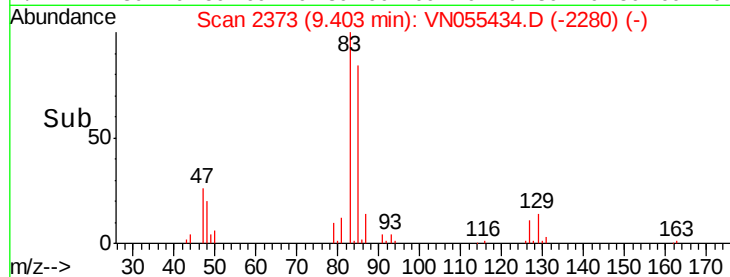
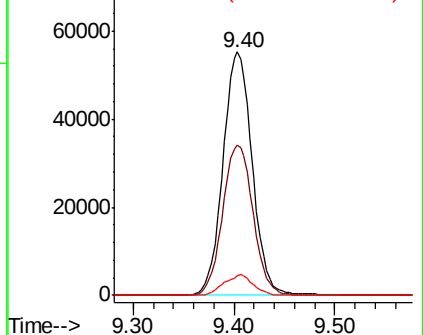
127 8.2 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN055434.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055434.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055434.D (-2280) (-)



#48

Methyl methacrylate

Concen: 22.117 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

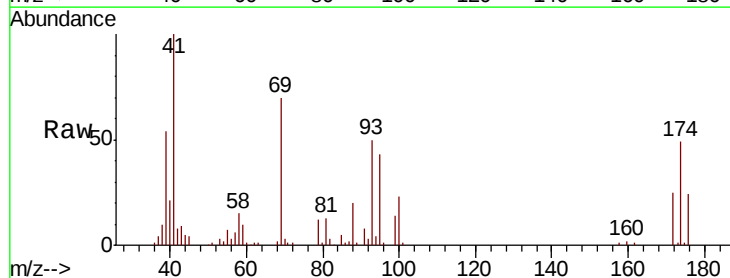
Tgt Ion: 41 Resp: 71989

Ion Ratio Lower Upper

41 100

69 73.5 58.6 87.8

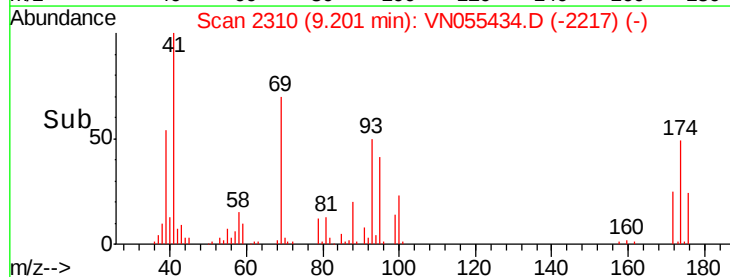
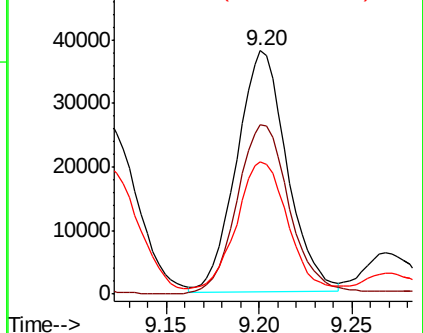
39 56.3 43.8 65.6

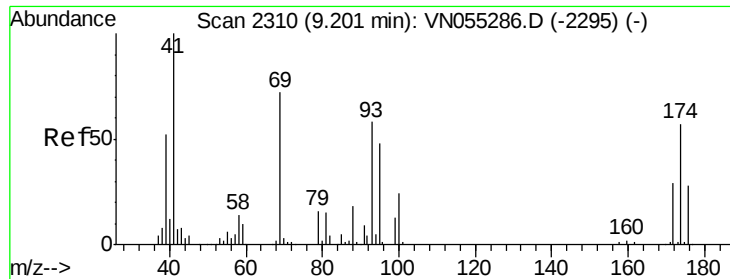


Abundance Ion 41.00 (40.70 to 41.70): VN055434.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055434.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055434.D (-2217) (-)





#49

1,4-Dioxane

Concen: 488.210 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBS01

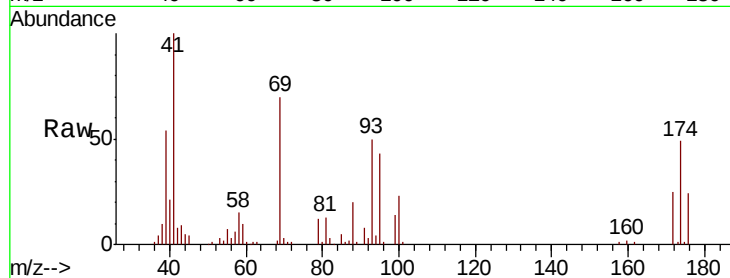
Tot Ion: 88 Resp: 16427

Ion Ratio Lower Upper

88 100

43 37.5 33.3 49.9

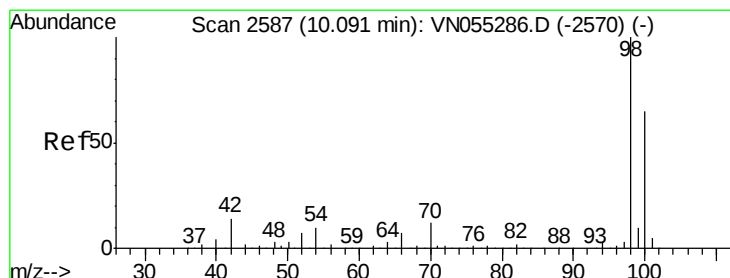
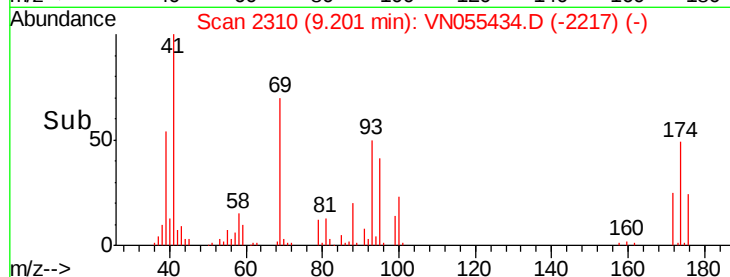
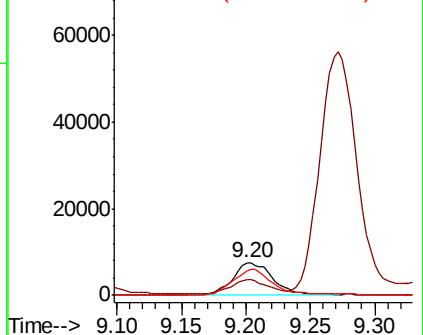
58 78.1 62.7 94.1



Abundance Ion 88.00 (87.70 to 88.70): VN055286.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN055286.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN055286.D (-2295) (-)



#50

Toluene-d8

Concen: 48.245 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055434.D

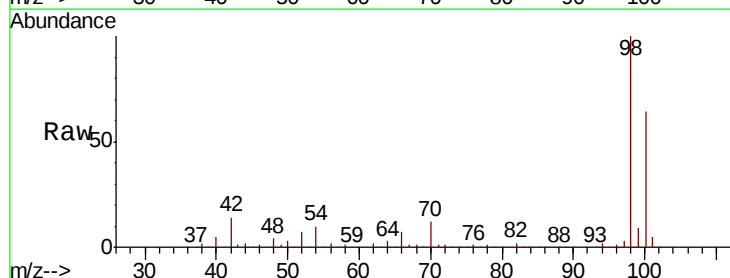
Acq: 7 May 2019 13:48

Tgt Ion: 98 Resp: 641728

Ion Ratio Lower Upper

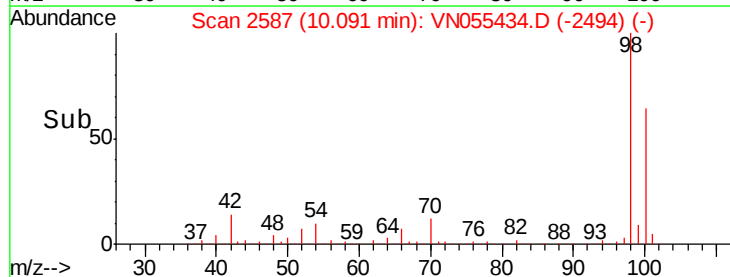
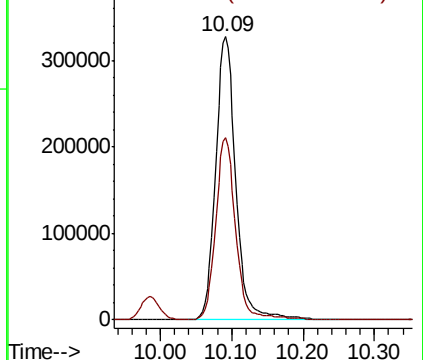
98 100

100 63.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055286.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055286.D (-2570) (-)





#51

4-Methyl-2-Pentanone

Concen: 116.090 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

Instrument :

MSVOA_N

ClientSampled :

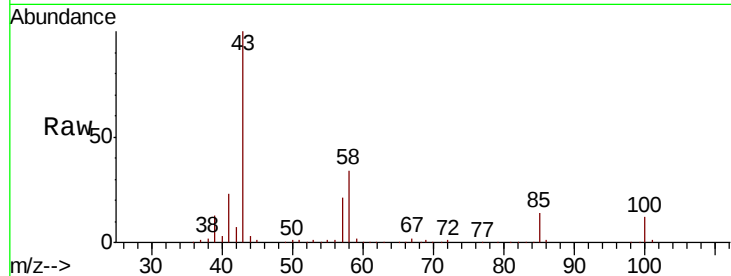
VN0507WBS01

Tot Ion: 43 Resp: 432758

Ion Ratio Lower Upper

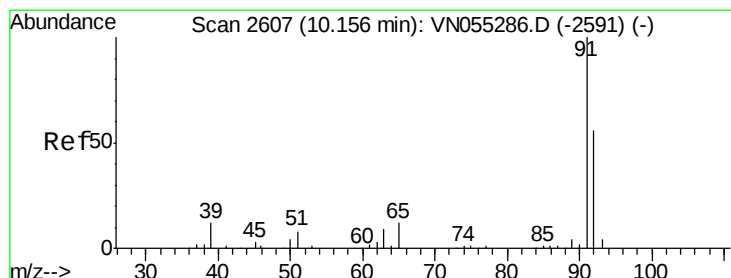
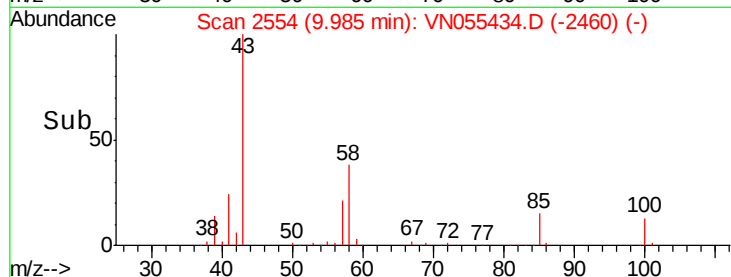
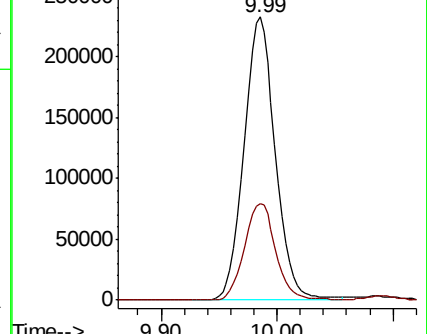
43 100

58 34.2 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.875 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055434.D

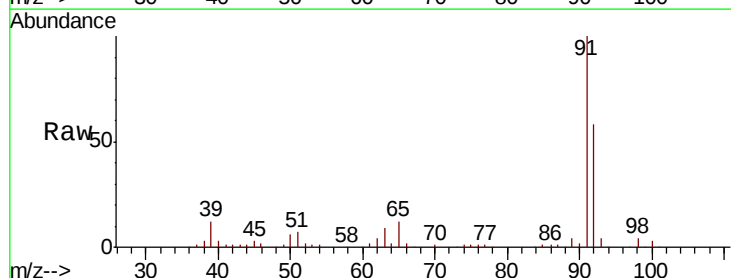
Acq: 7 May 2019 13:48

Tgt Ion: 92 Resp: 180714

Ion Ratio Lower Upper

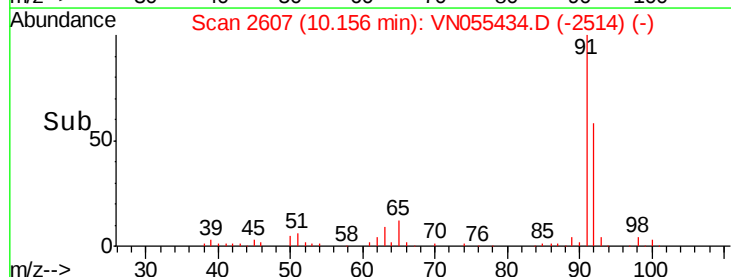
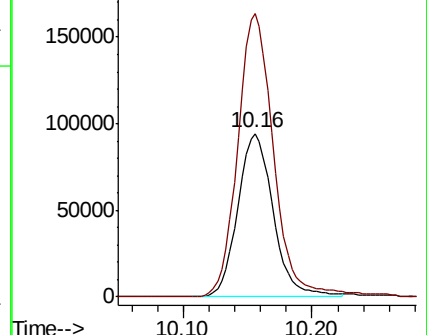
92 100

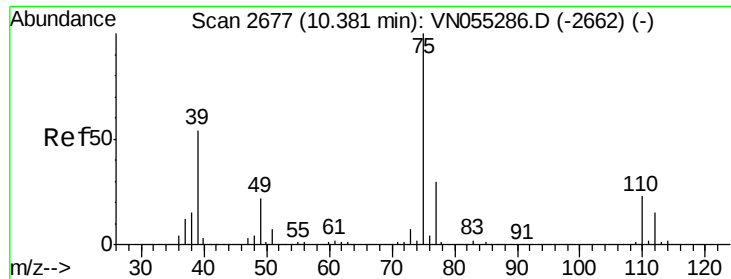
91 176.3 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 20.357 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

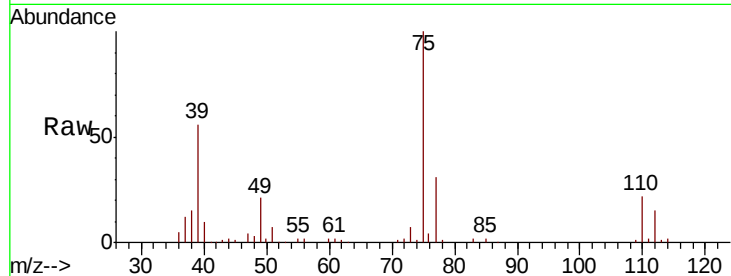
VN0507WBS01

Tot Ion: 75 Resp: 94714

Ion Ratio Lower Upper

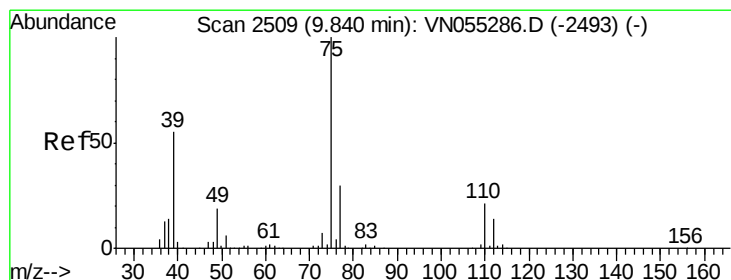
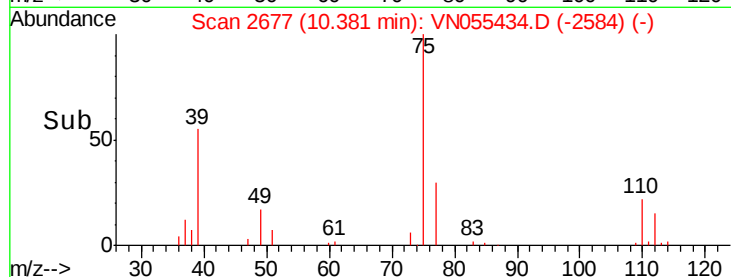
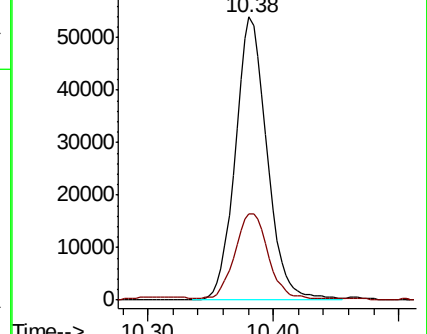
75 100

77 29.9 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: 20.399 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

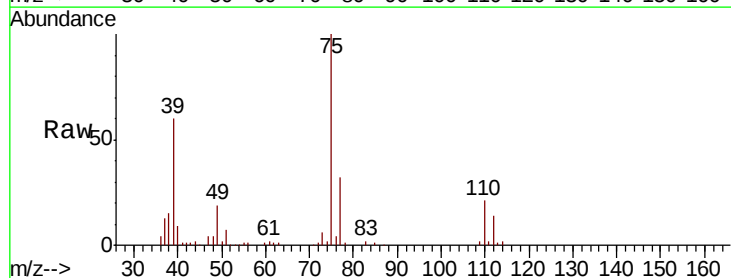
Tgt Ion: 75 Resp: 118332

Ion Ratio Lower Upper

75 100

77 32.1 24.2 36.2

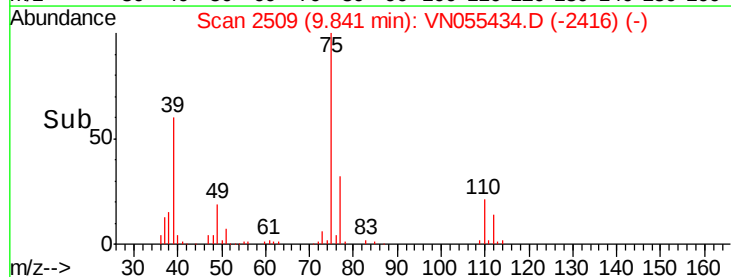
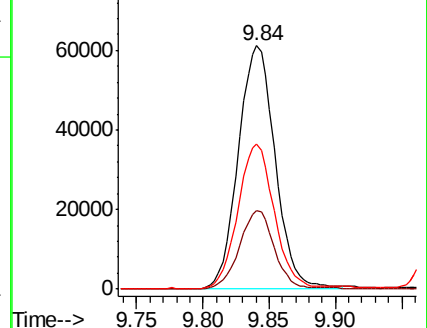
39 59.5 44.2 66.2

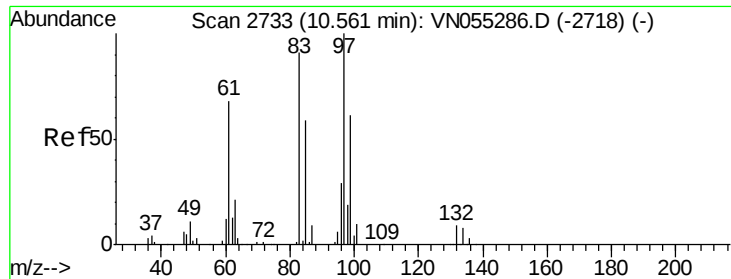


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 20.909 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

Instrument :

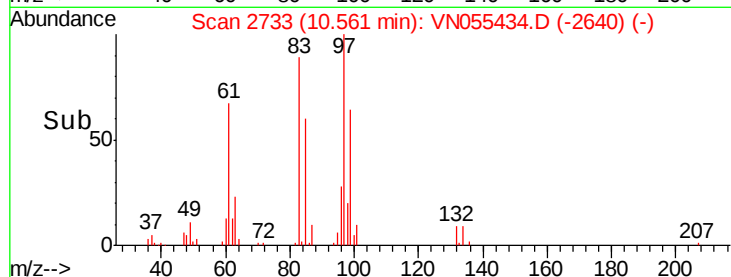
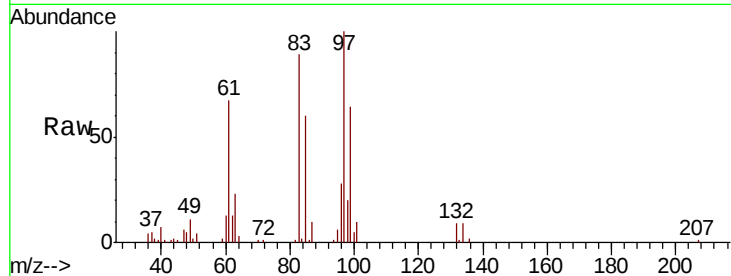
MSVOA_N

ClientSampleId :

VN0507WBS01

Tot Ion: 97 Resp: 70600

Ion	Ratio	Lower	Upper
97	100		
83	89.4	72.8	109.2
85	59.9	47.0	70.6
99	64.1	49.0	73.4

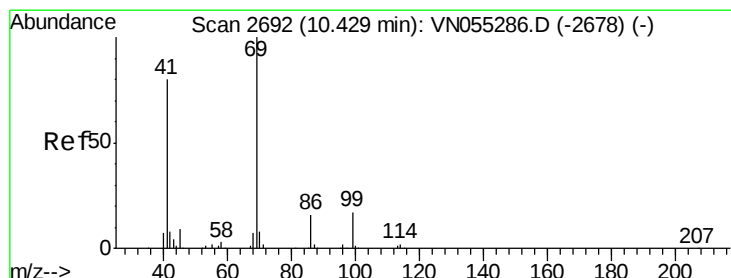


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 22.429 ug/l

RT: 10.43 min Scan# 2692

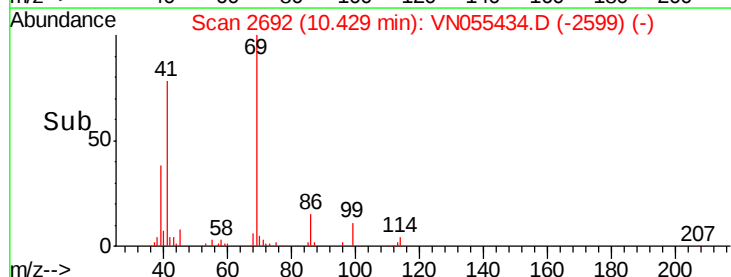
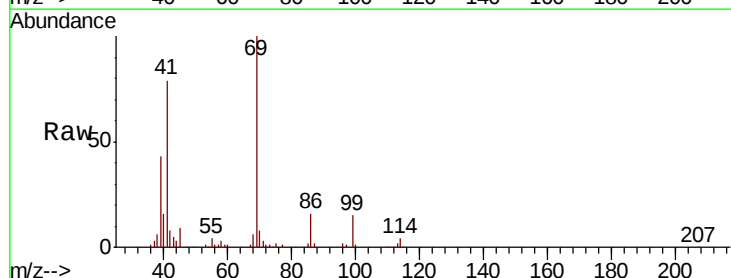
Delta R.T. 0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

Tgt Ion: 69 Resp: 93213

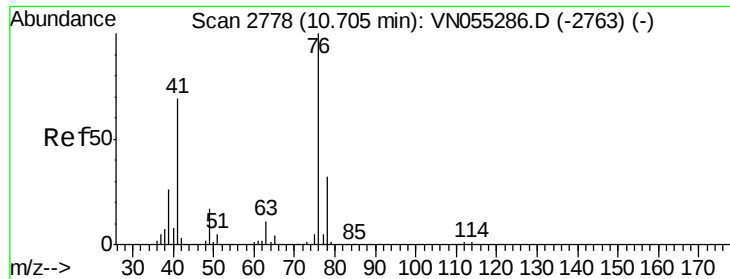
Ion	Ratio	Lower	Upper
69	100		
41	76.5	62.7	94.1
39	41.5	32.0	48.0



Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO



#57

1,3-Dichloropropane

Concen: 21.101 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

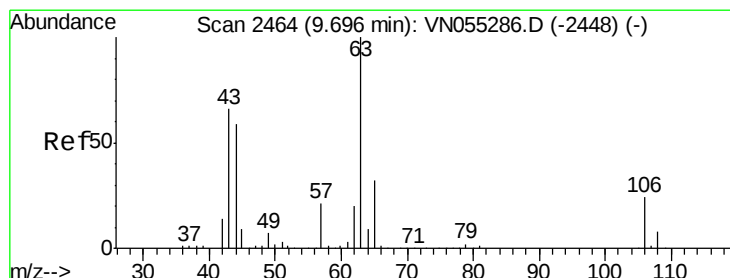
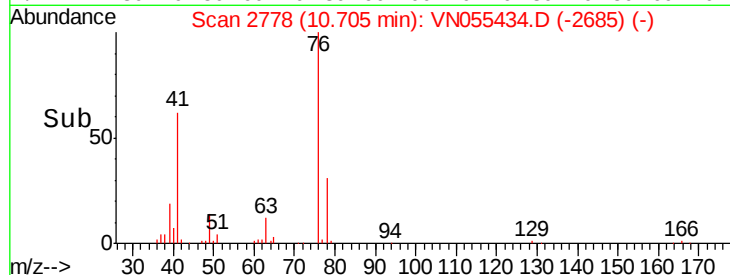
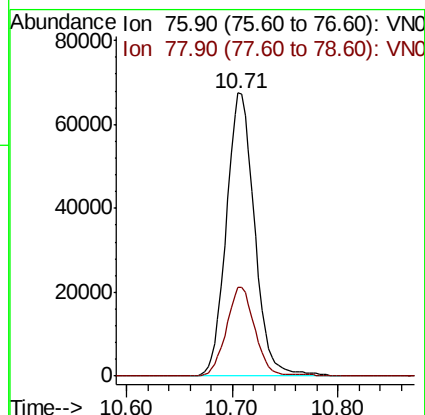
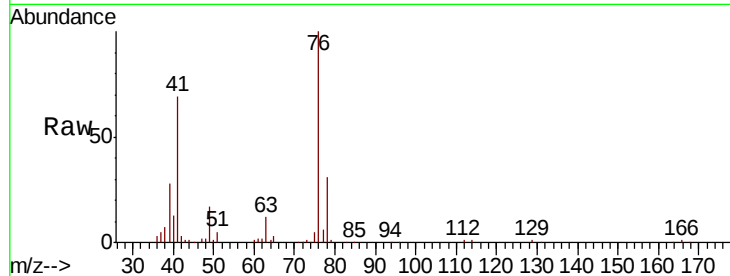
VN0507WBS01

Tot Ion: 76 Resp: 124984

Ion Ratio Lower Upper

76 100

78 31.5 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 83.785 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055434.D

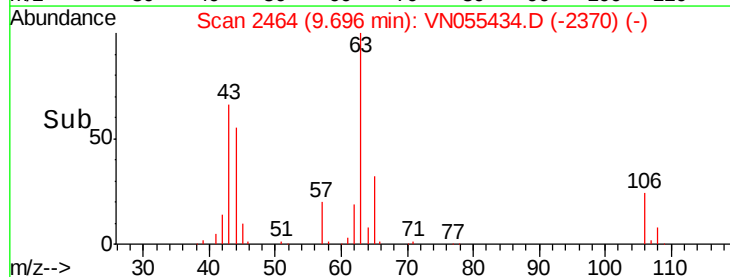
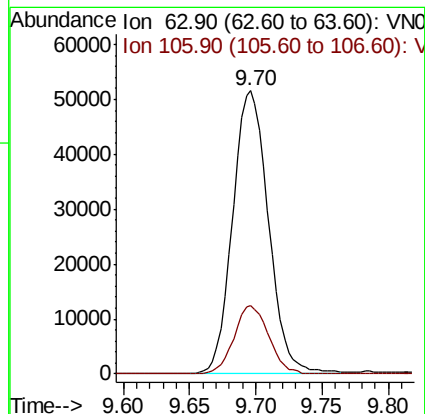
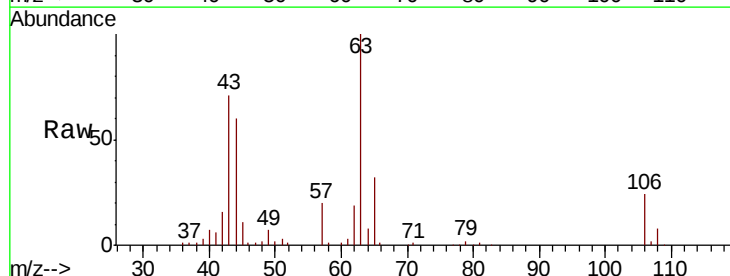
Acq: 7 May 2019 13:48

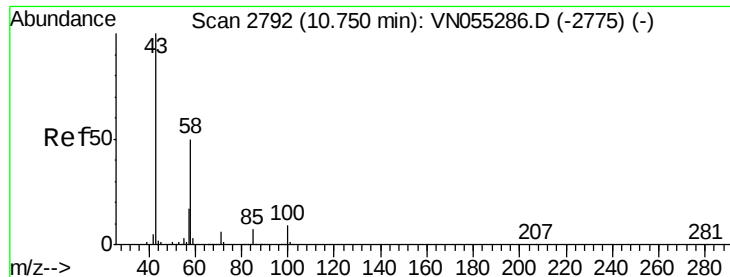
Tgt Ion: 63 Resp: 96871

Ion Ratio Lower Upper

63 100

106 23.3 19.0 28.4

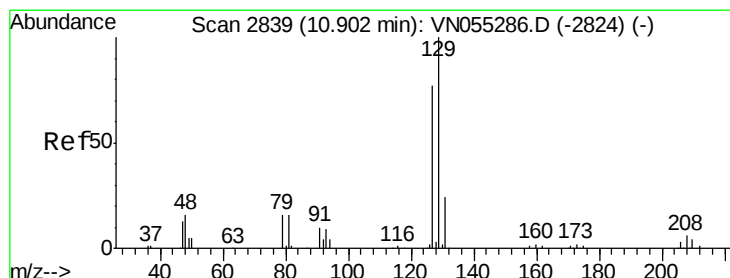
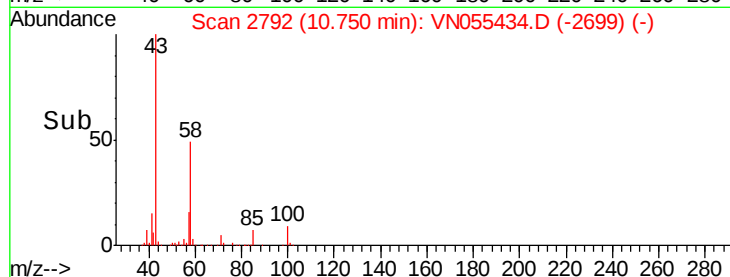
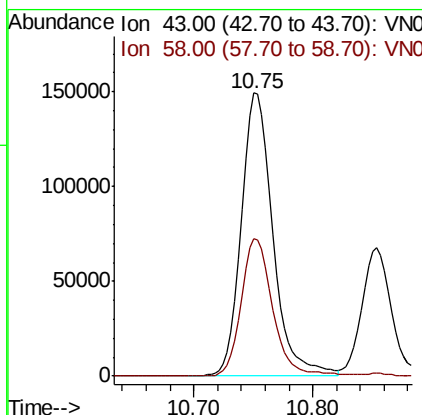
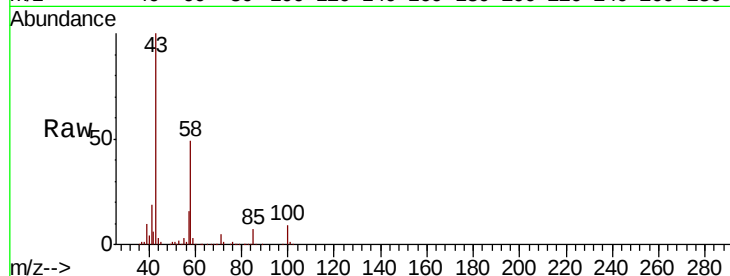




#59
2-Hexanone
Concen: 117.792 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

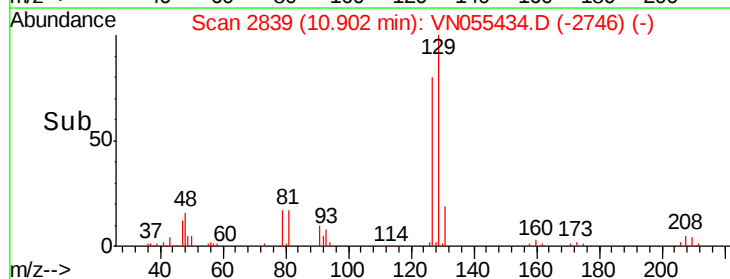
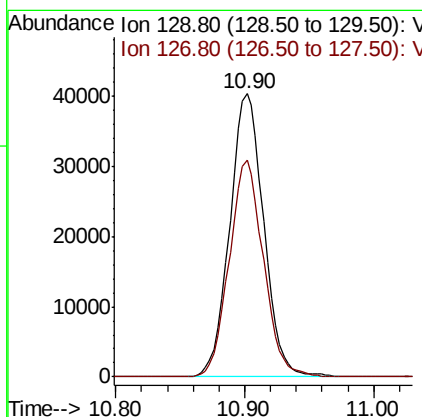
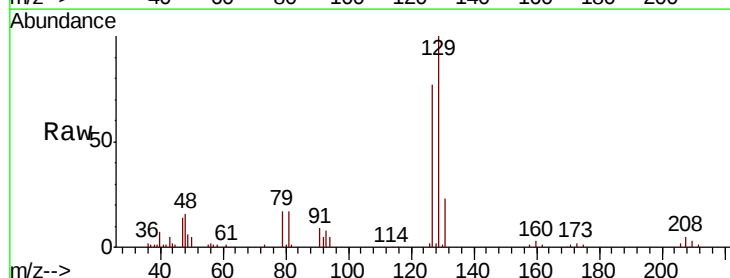
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

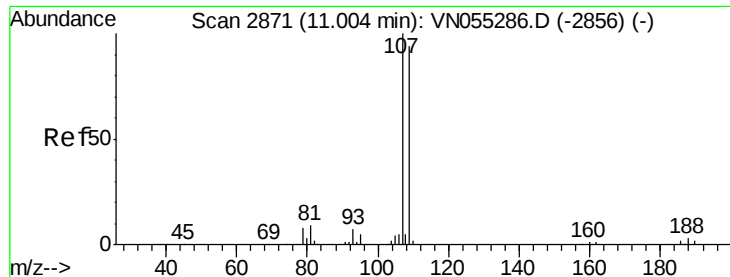
Tot Ion: 43 Resp: 274739
Ion Ratio Lower Upper
43 100
58 48.8 24.9 74.6



#60
Dibromochloromethane
Concen: 21.375 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

Tgt Ion: 129 Resp: 73764
Ion Ratio Lower Upper
129 100
127 76.9 38.1 114.5

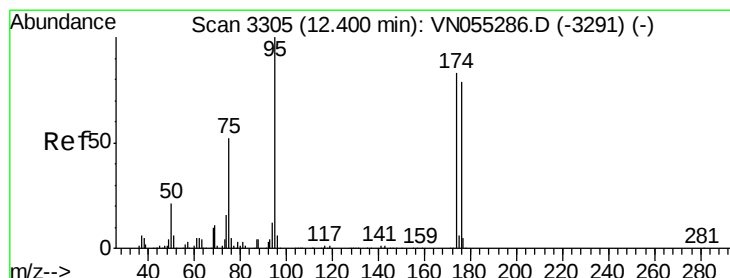
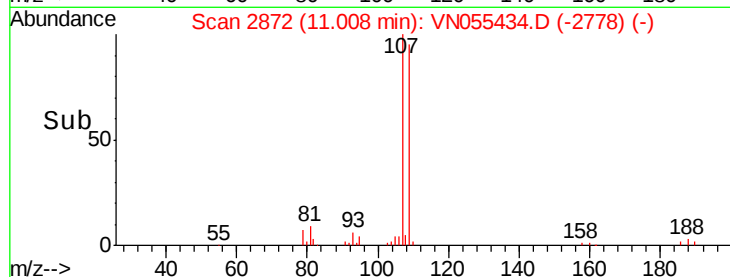
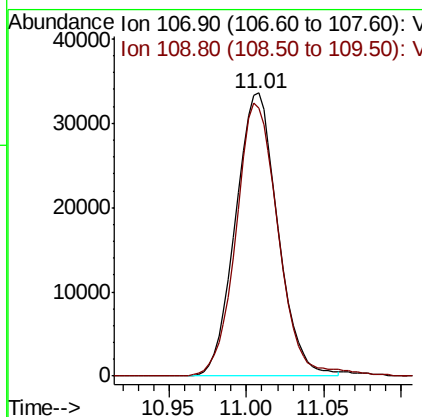
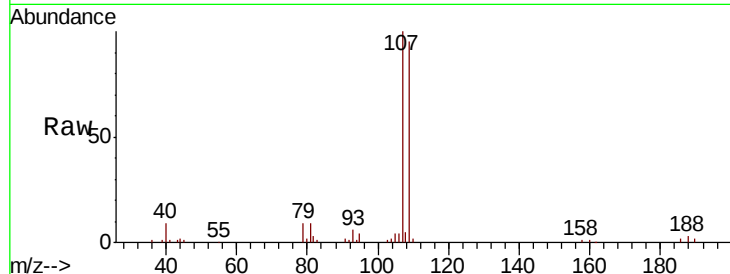




#61
 1,2-Dibromoethane
 Concen: 20.453 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN055434.D
 Acq: 7 May 2019 13:48

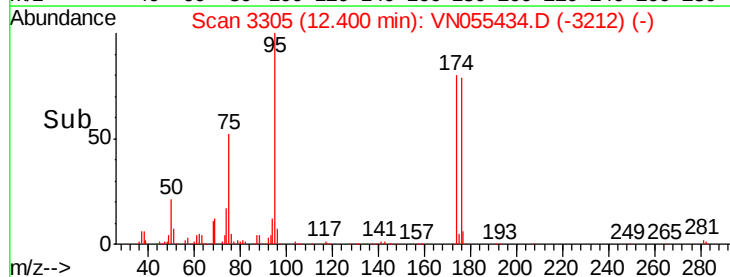
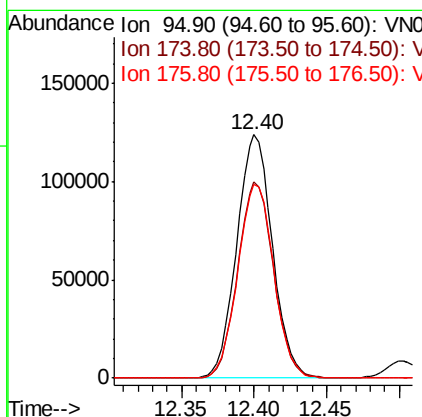
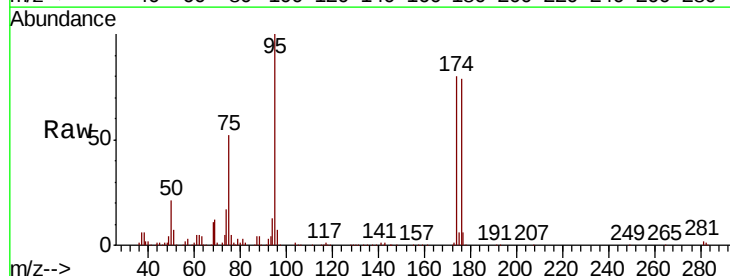
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBS01

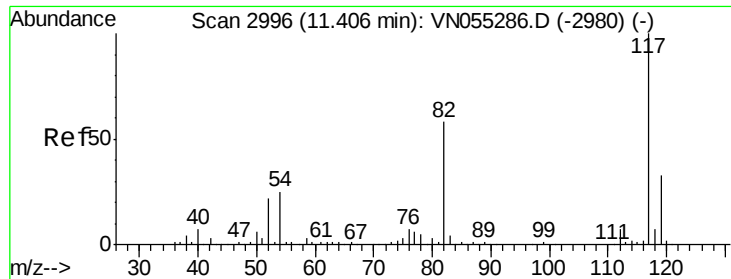
Tot Ion:107 Resp: 63830
 Ion Ratio Lower Upper
 107 100
 109 96.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 50.806 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055434.D
 Acq: 7 May 2019 13:48

Tgt Ion: 95 Resp: 211208
 Ion Ratio Lower Upper
 95 100
 174 81.1 0.0 166.6
 176 80.6 0.0 157.8

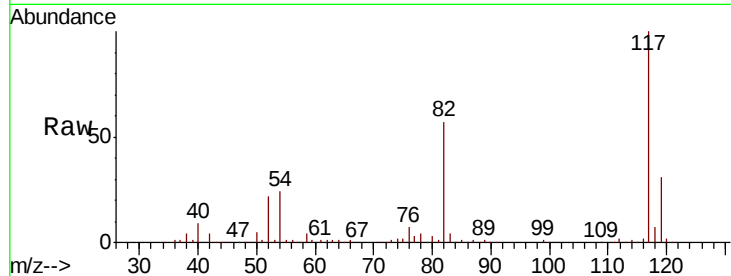




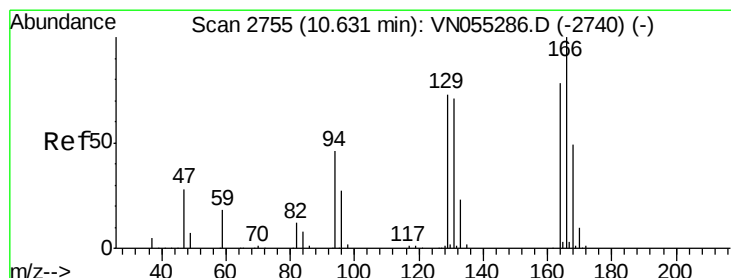
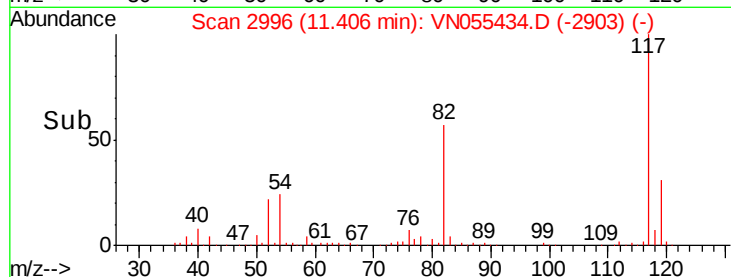
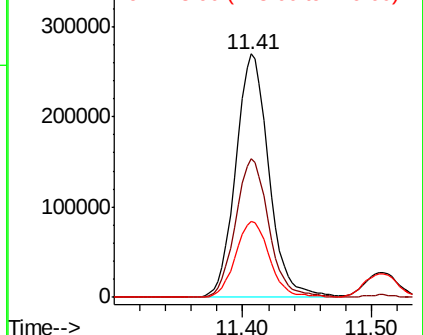
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

Tot Ion:117 Resp: 481670
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.4
119 31.3 26.6 40.0

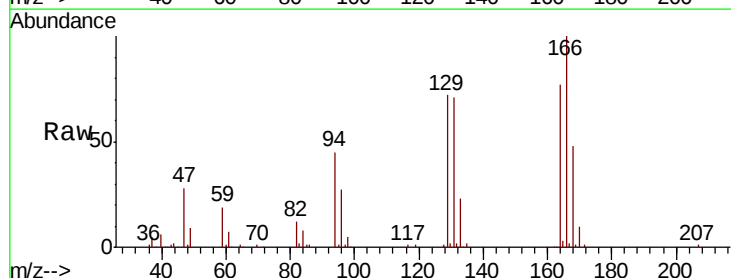


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

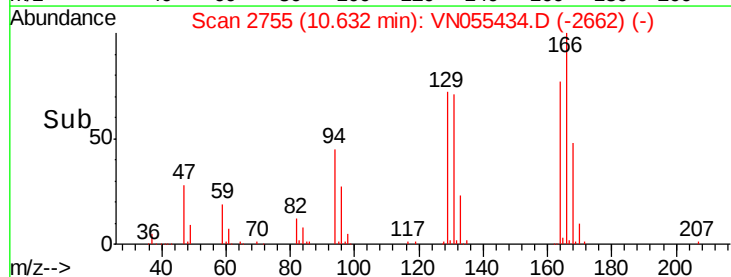
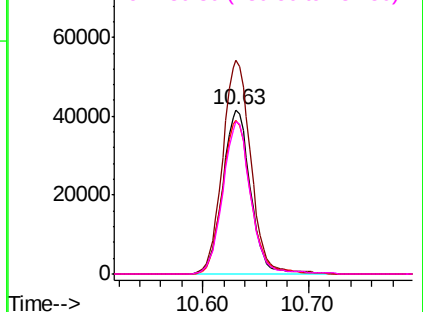


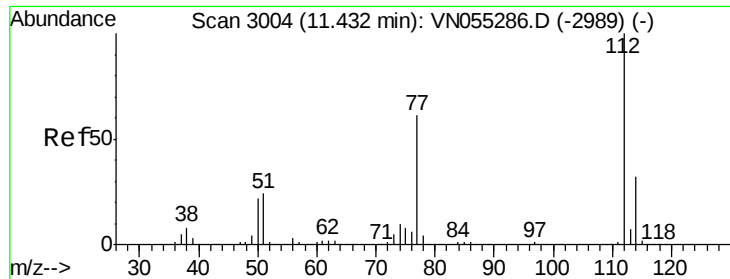
#64
Tetrachloroethene
Concen: 19.199 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

Tgt Ion:164 Resp: 75625
Ion Ratio Lower Upper
164 100
166 130.1 102.3 153.5
129 93.8 75.0 112.6
131 92.8 72.7 109.1



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

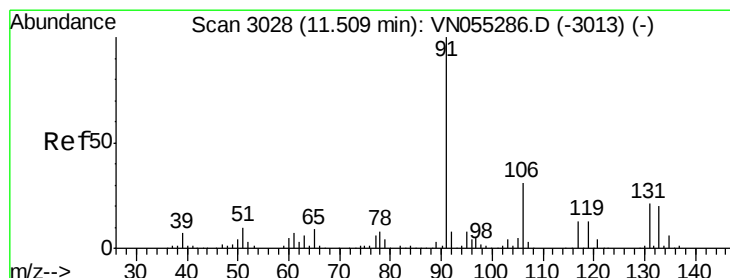
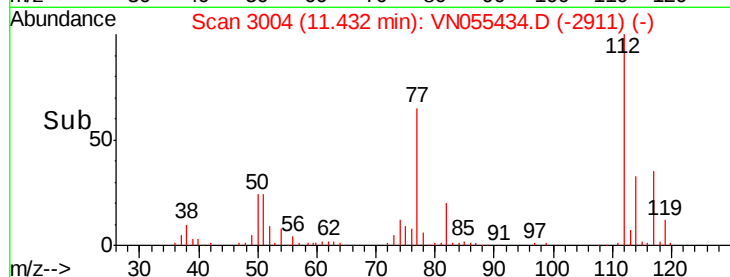
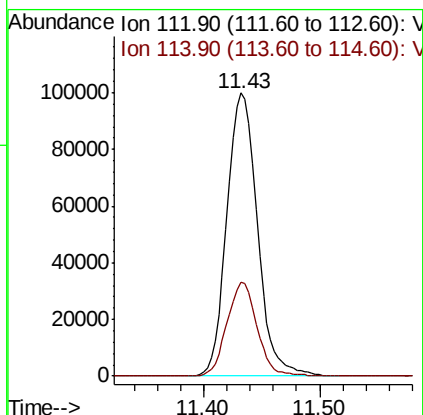
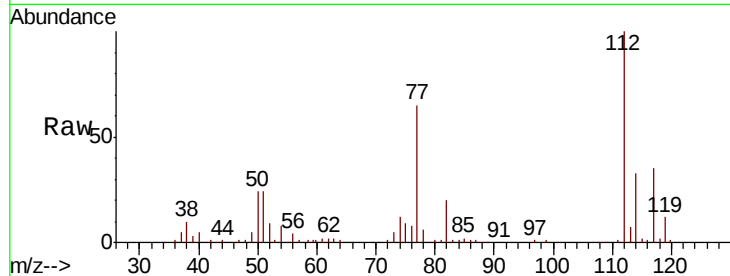




#65
Chlorobenzene
Concen: 19.342 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

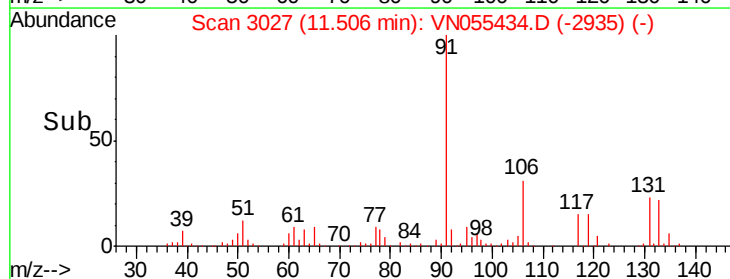
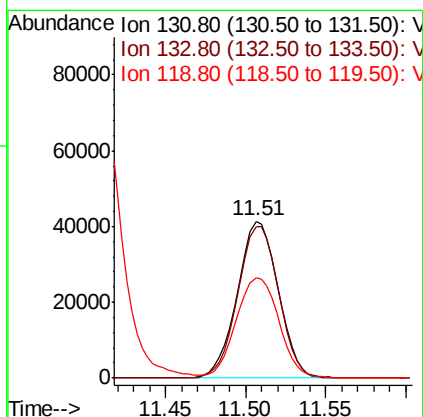
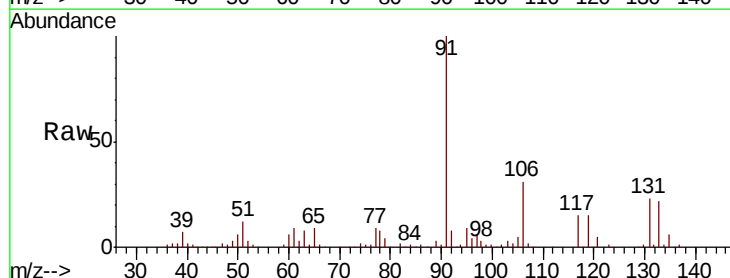
Instrument :
MSVOA_N
ClientSampled :
VN0507WBS01

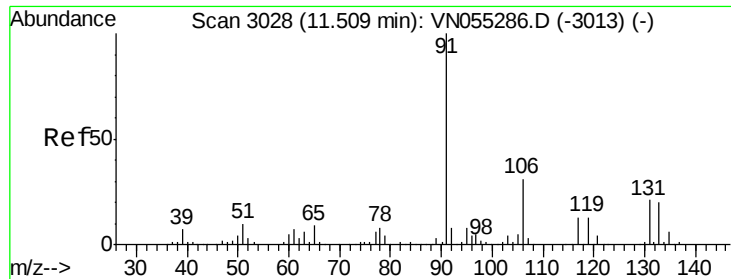
Tot Ion:112 Resp: 182149
Ion Ratio Lower Upper
112 100
114 33.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.531 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

Tgt Ion:131 Resp: 72022
Ion Ratio Lower Upper
131 100
133 97.0 47.5 142.6
119 67.3 32.7 98.1

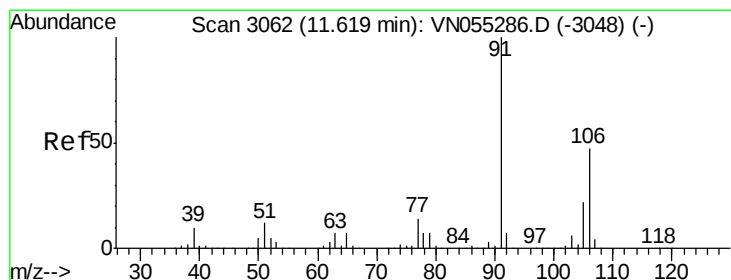
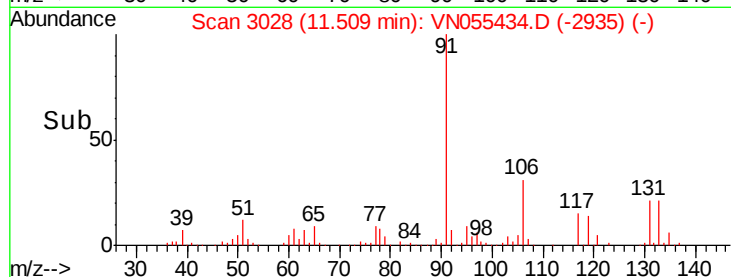
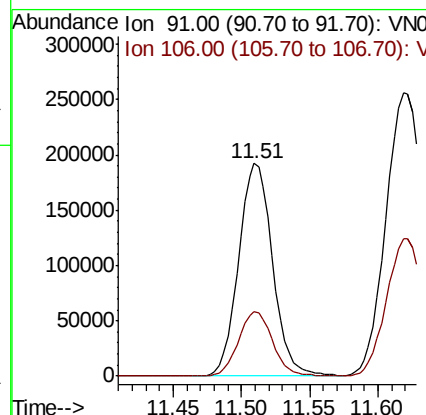
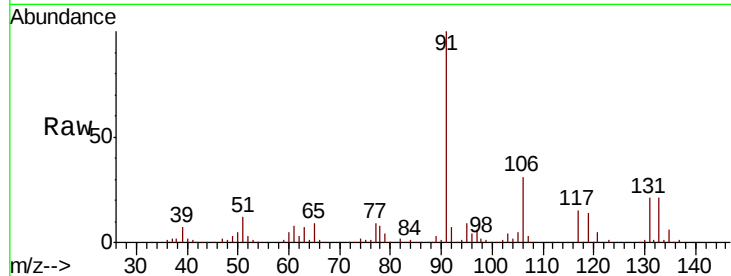




#67
Ethyl Benzene
Concen: 19.571 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

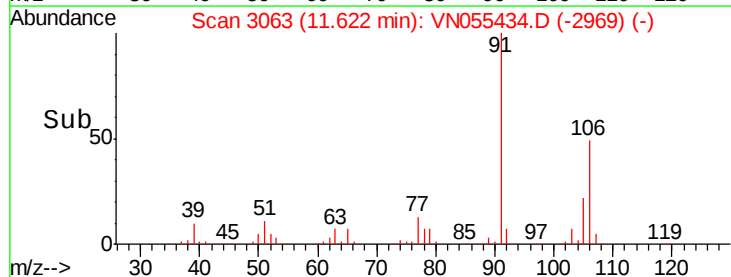
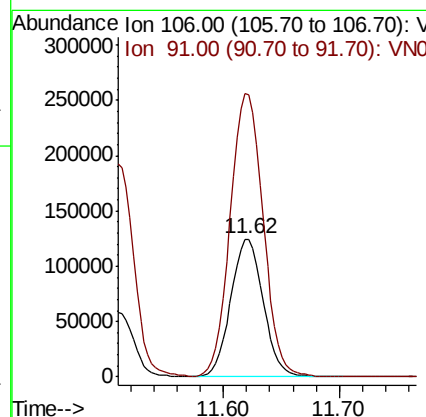
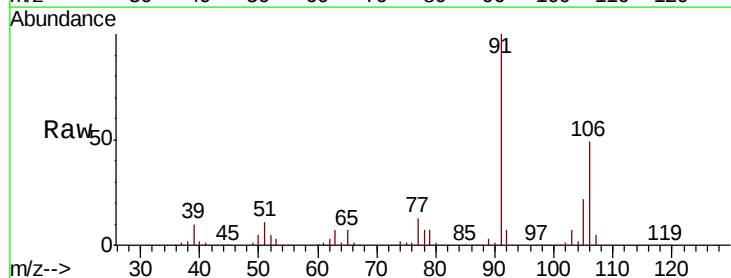
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

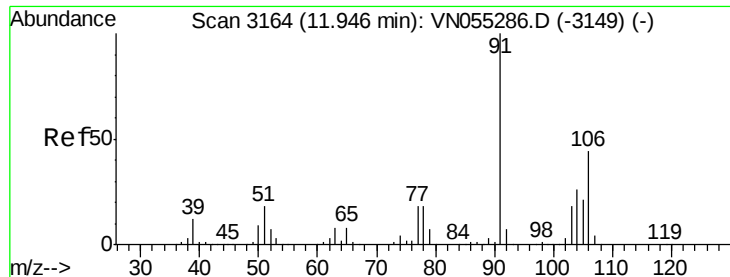
Tot Ion: 91 Resp: 332816
Ion Ratio Lower Upper
91 100
106 30.6 24.6 36.8



#68
m/p-Xylenes
Concen: 39.927 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

Tgt Ion: 106 Resp: 242359
Ion Ratio Lower Upper
106 100
91 208.9 169.5 254.3

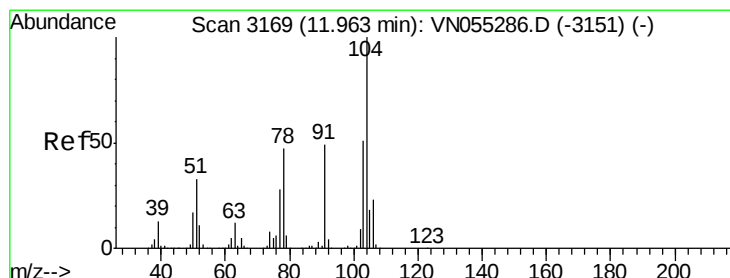
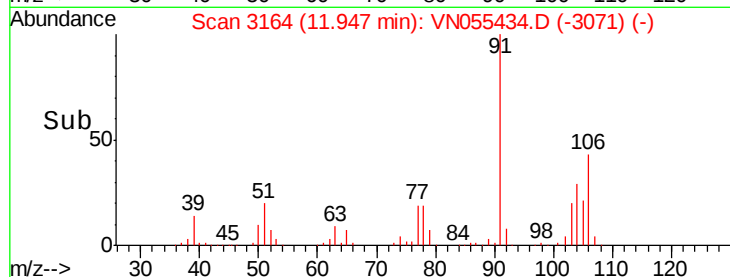
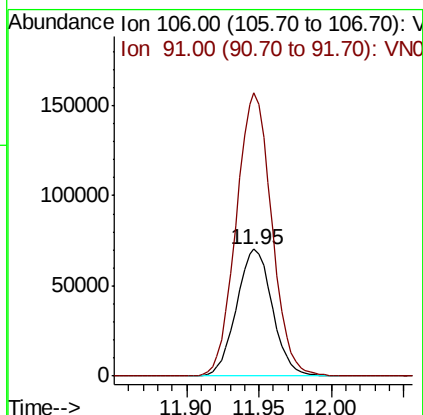
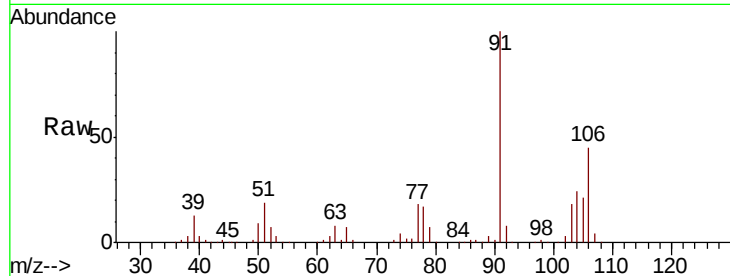




#69
o-Xylene
Concen: 20.107 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

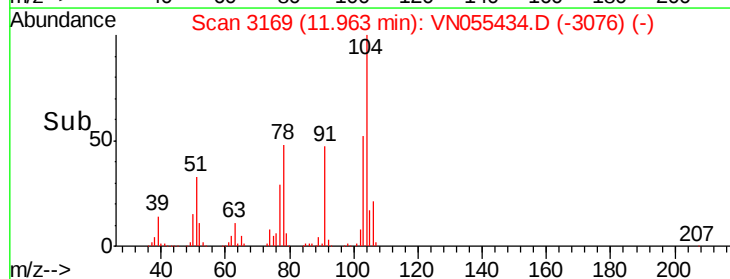
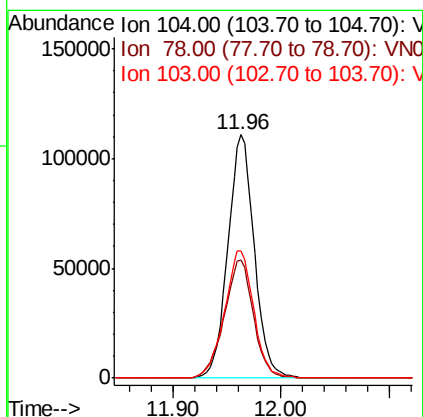
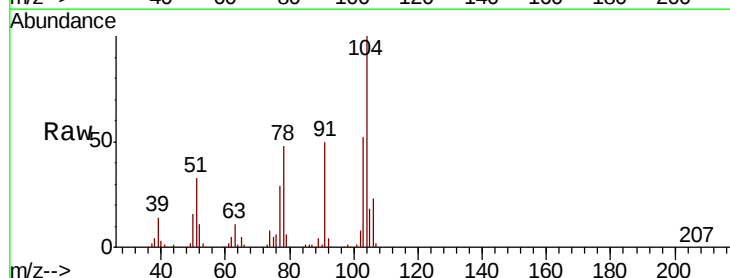
Instrument :
MSVOA_N
ClientSampled :
VN0507WBS01

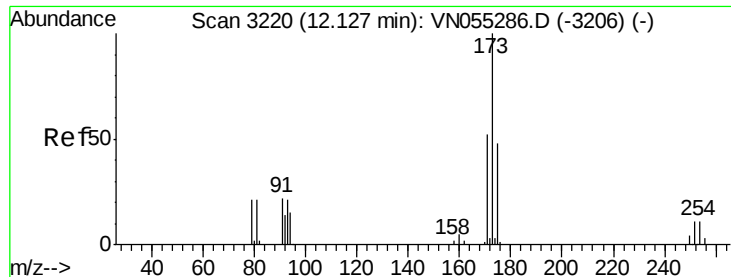
Tot Ion:106 Resp: 120971
Ion Ratio Lower Upper
106 100
91 221.4 111.5 334.5



#70
Styrene
Concen: 20.491 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

Tgt Ion:104 Resp: 189288
Ion Ratio Lower Upper
104 100
78 53.5 42.2 63.2
103 57.7 44.6 67.0

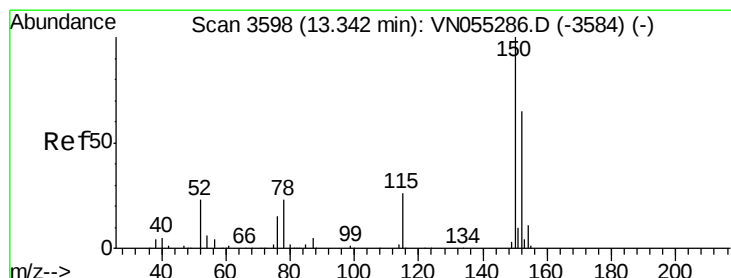
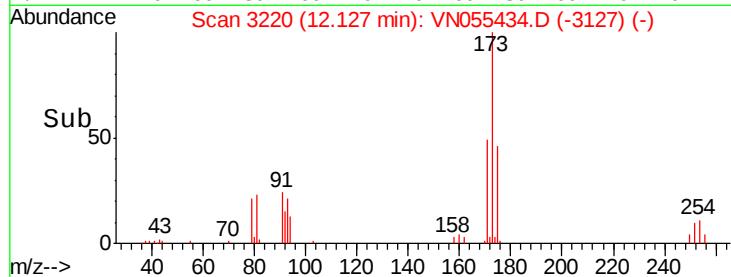
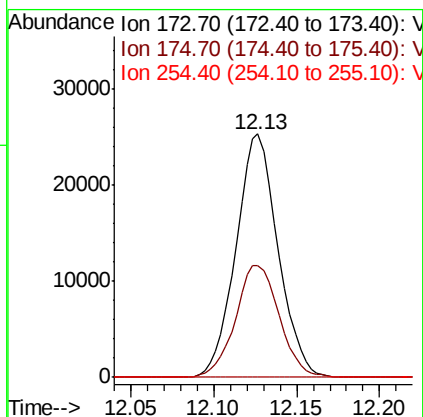
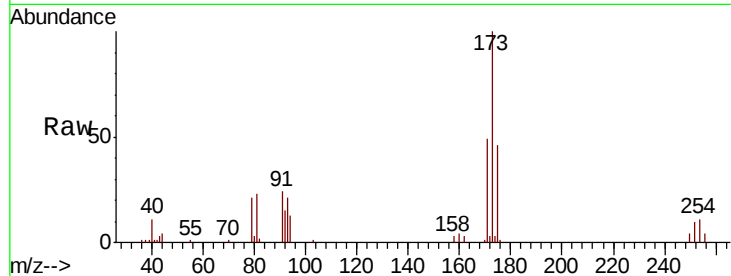




#71
Bromoform
Concen: 21.691 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

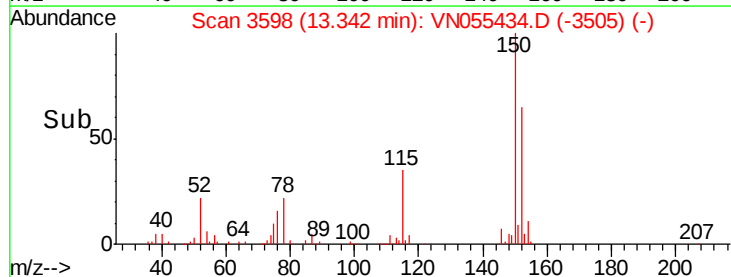
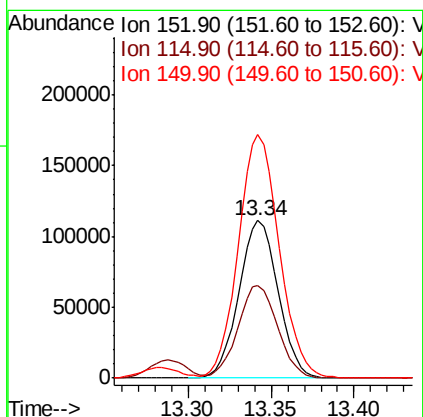
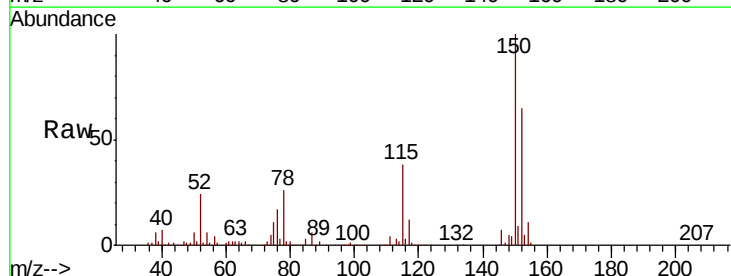
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

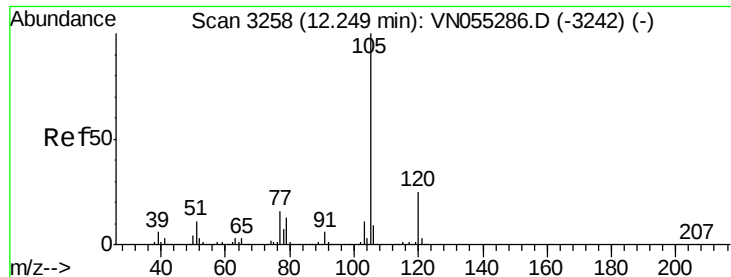
Tot Ion:173 Resp: 44384
Ion Ratio Lower Upper
173 100
175 48.0 23.6 71.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

Tgt Ion:152 Resp: 182143
Ion Ratio Lower Upper
152 100
115 59.6 29.0 87.0
150 161.8 0.0 345.6





#73

Isopropylbenzene

Concen: 20.960 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

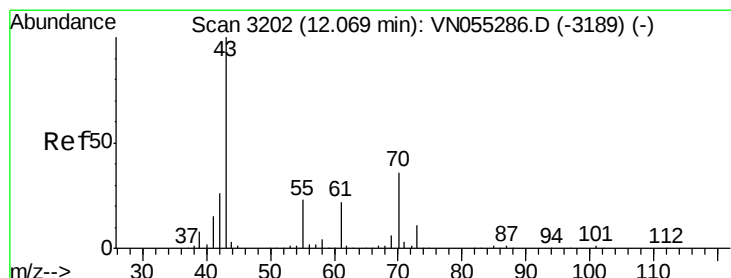
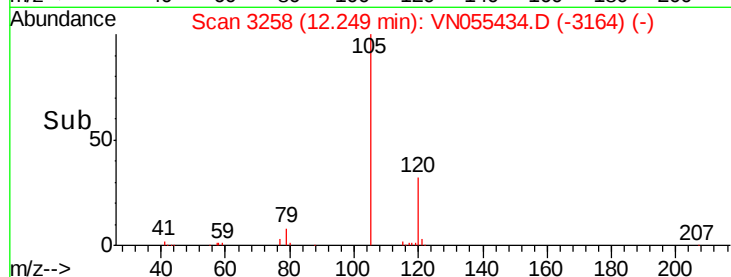
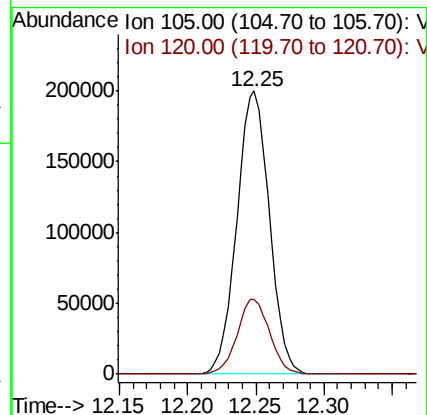
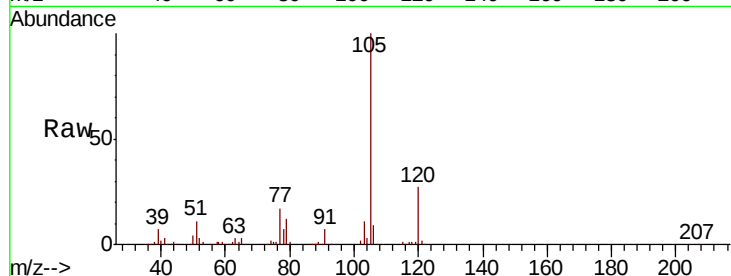
VN0507WBS01

Tot Ion:105 Resp: 330387

Ion Ratio Lower Upper

105 100

120 26.4 12.9 38.7



#74

N-ethyl acetate

Concen: 21.578 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

Tgt Ion: 43 Resp: 100867

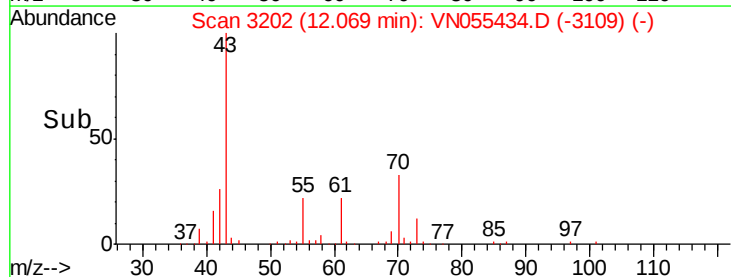
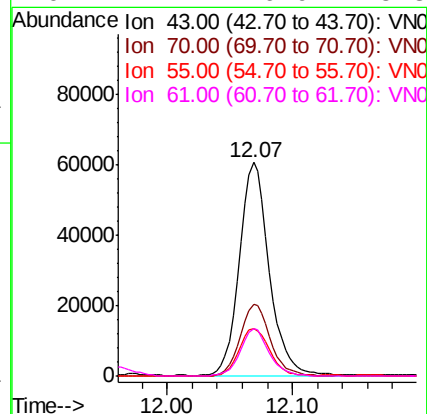
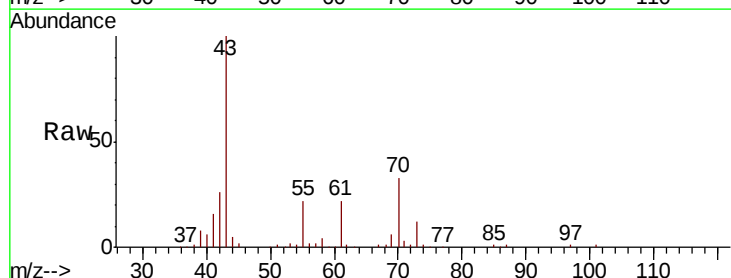
Ion Ratio Lower Upper

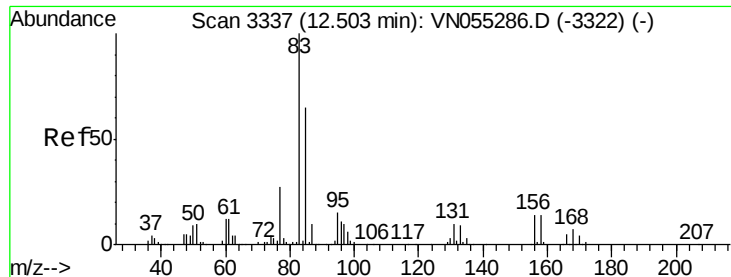
43 100

70 33.8 27.9 41.9

55 22.9 18.2 27.2

61 21.1 16.9 25.3





#75

1,1,2,2-Tetrachloroethane

Concen: 22.236 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBS01

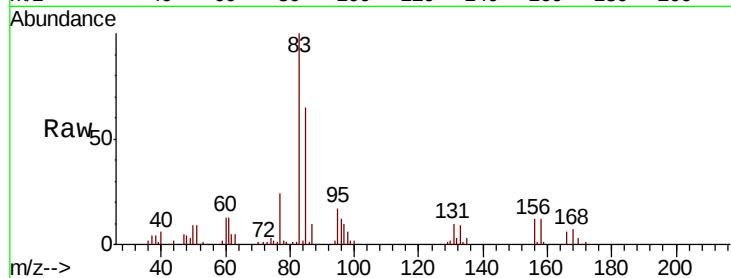
Tot Ion: 83 Resp: 86619

Ion Ratio Lower Upper

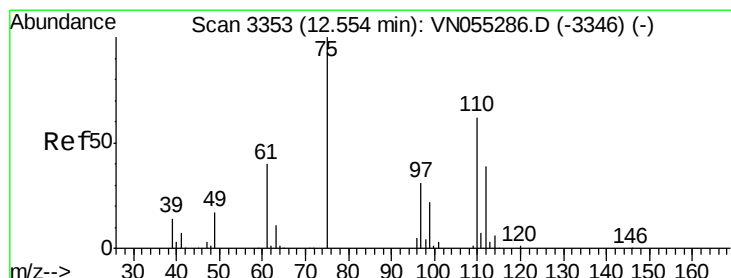
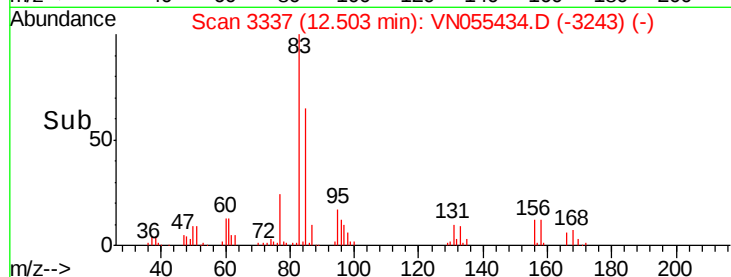
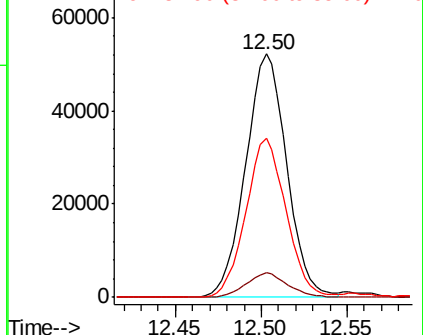
83 100

131 10.0 5.1 15.2

85 63.6 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 29.090 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055434.D

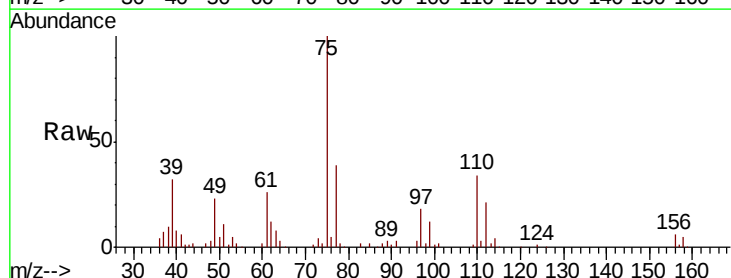
Acq: 7 May 2019 13:48

Tgt Ion: 75 Resp: 102050

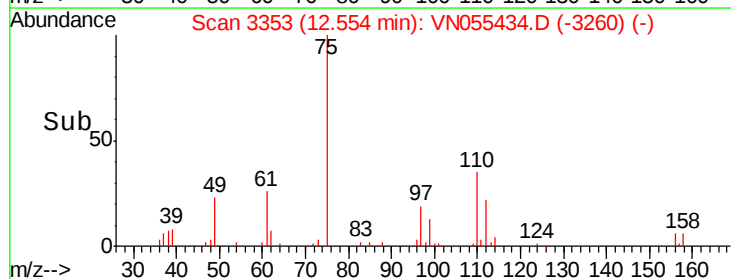
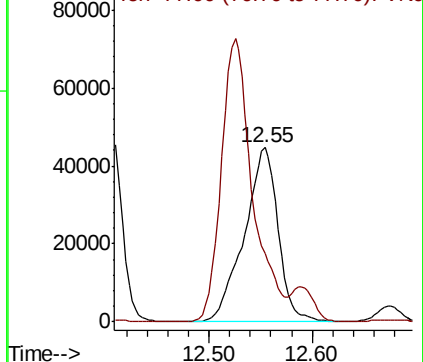
Ion Ratio Lower Upper

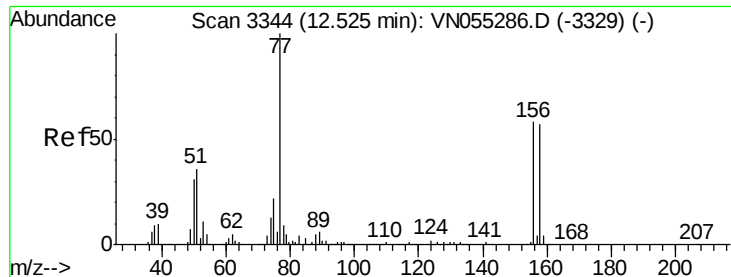
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO

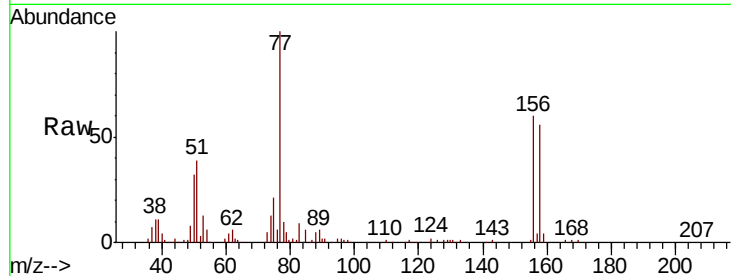




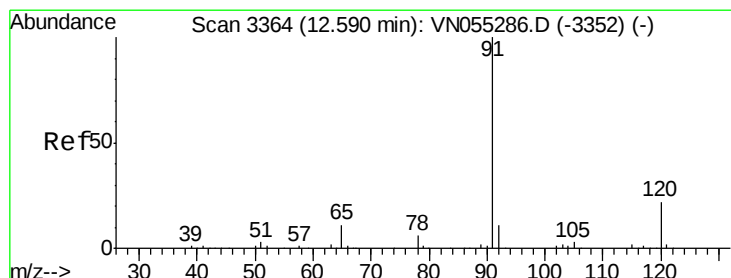
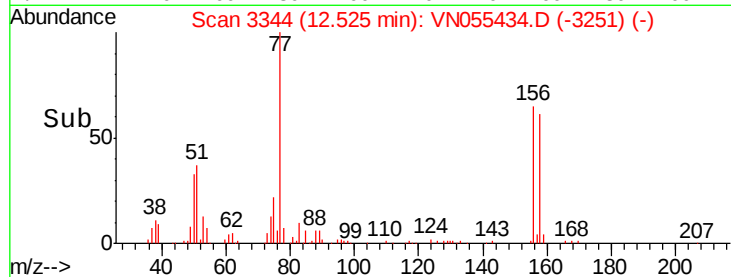
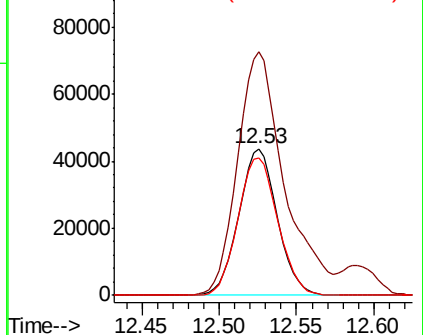
#77
Bromobenzene
Concen: 20.419 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

Tot Ion:156 Resp: 75484
Ion Ratio Lower Upper
156 100
77 202.6 99.6 298.8
158 97.2 49.3 147.8

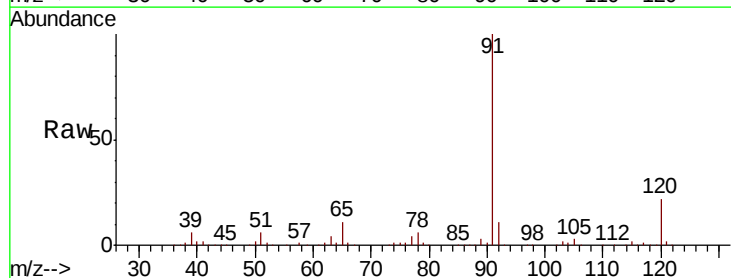


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

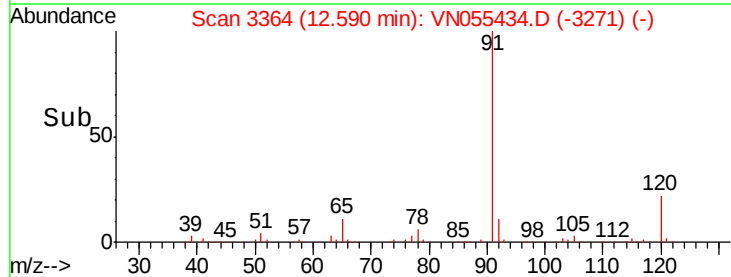
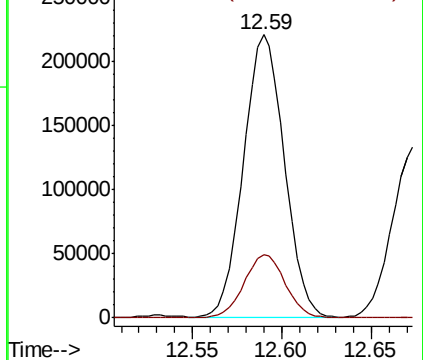


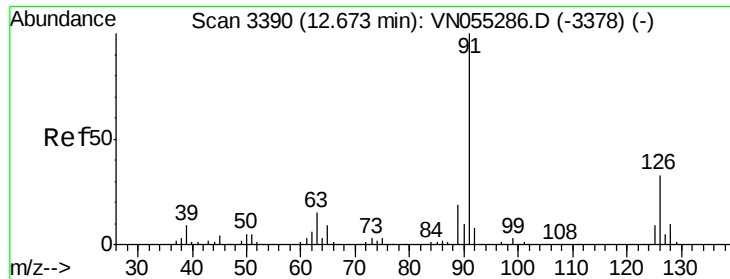
#78
n-propylbenzene
Concen: 18.869 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

Tgt Ion: 91 Resp: 353036
Ion Ratio Lower Upper
91 100
120 22.6 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V

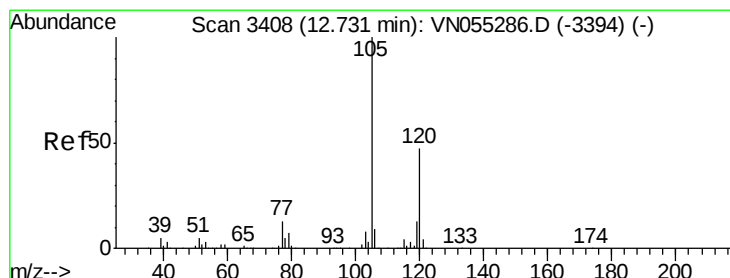
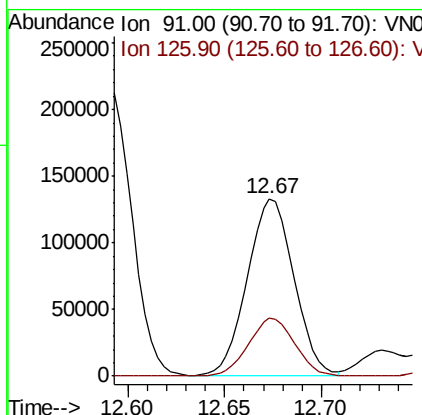
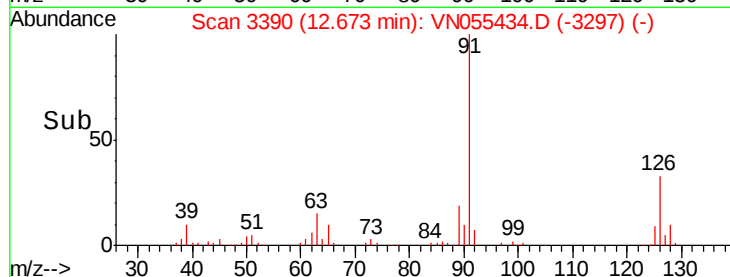
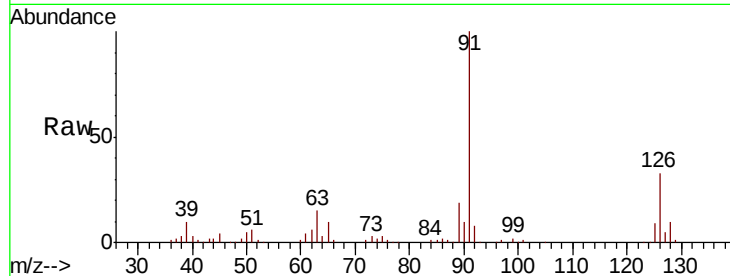




#79
 2-Chlorotoluene
 Concen: 20.975 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN055434.D
 Acq: 7 May 2019 13:48

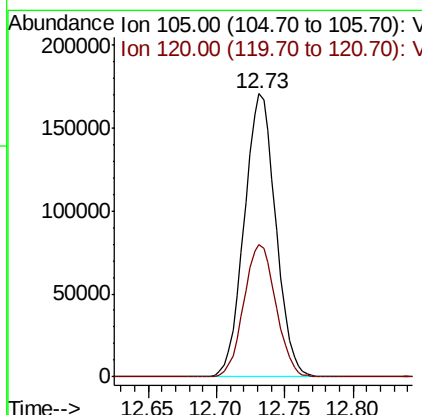
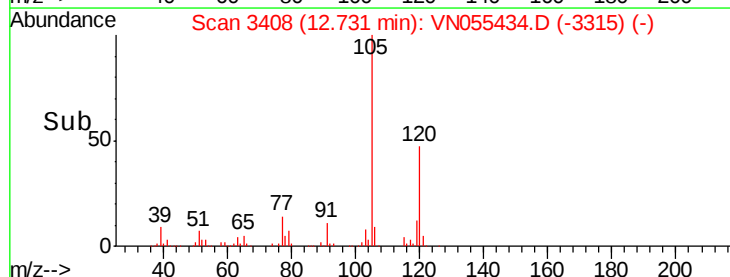
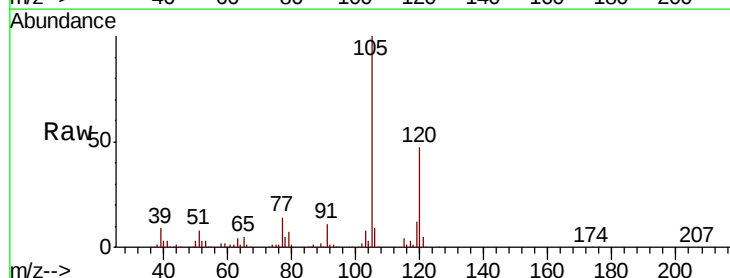
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBS01

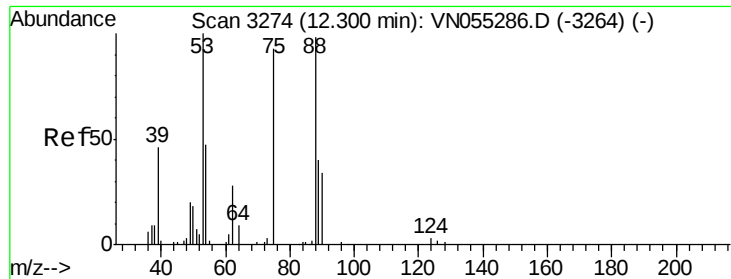
Tot Ion: 91 Resp: 222305
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.6 49.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.027 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055434.D
 Acq: 7 May 2019 13:48

Tgt Ion: 105 Resp: 271698
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.919 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBS01

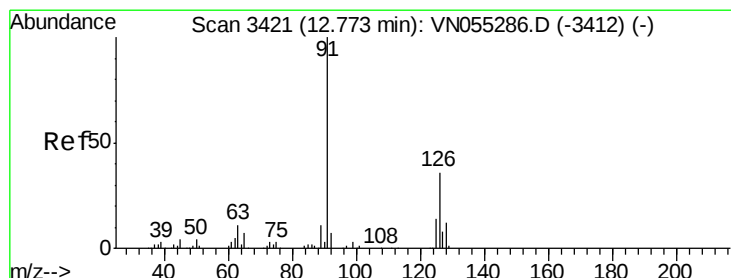
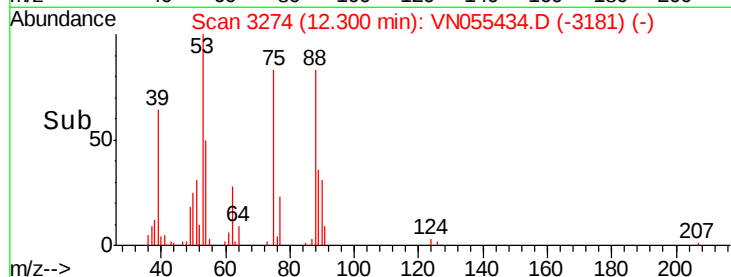
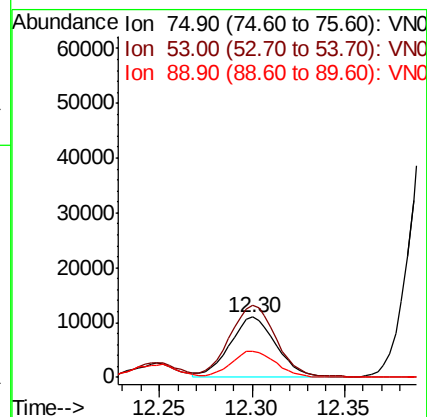
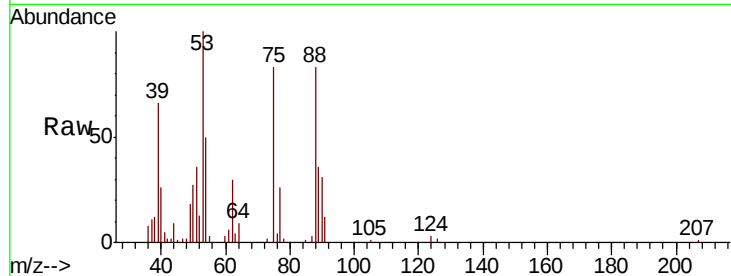
Tot Ion: 75 Resp: 19145

Ion Ratio Lower Upper

75 100

53 120.9 86.3 129.5

89 41.6 34.6 51.8



#82

4-Chlorotoluene

Concen: 18.976 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN055434.D

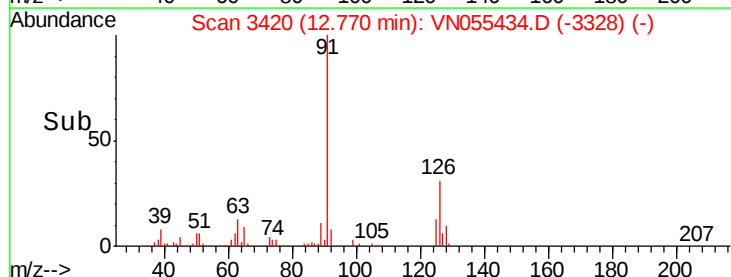
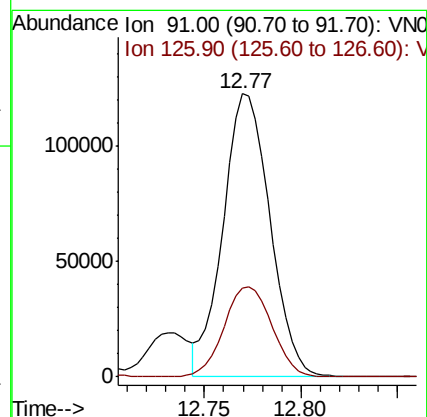
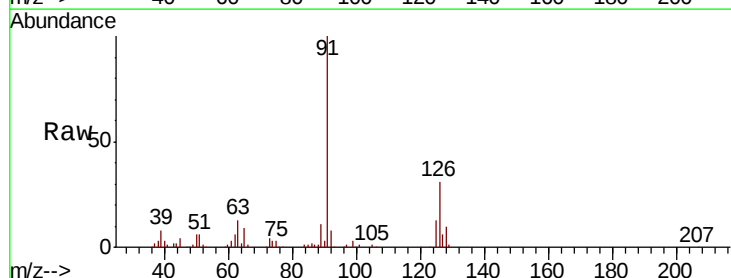
Acq: 7 May 2019 13:48

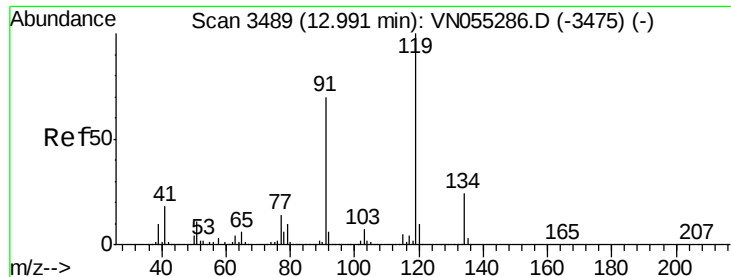
Tgt Ion: 91 Resp: 206429

Ion Ratio Lower Upper

91 100

126 32.7 16.6 49.7

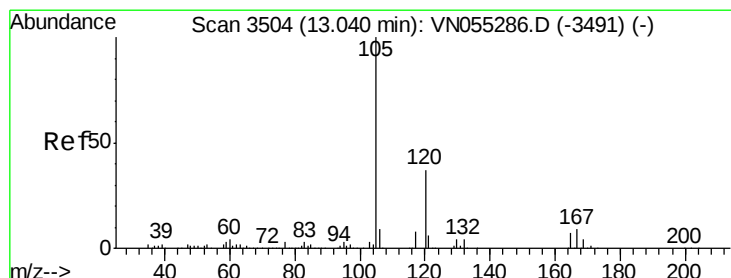
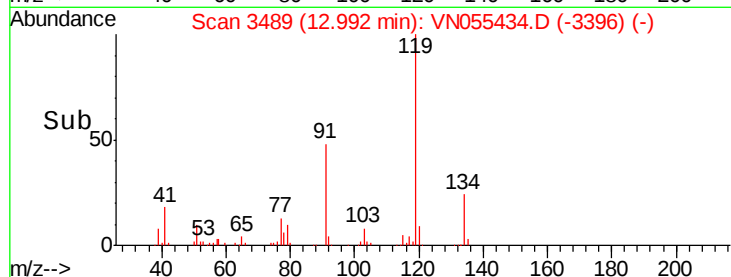
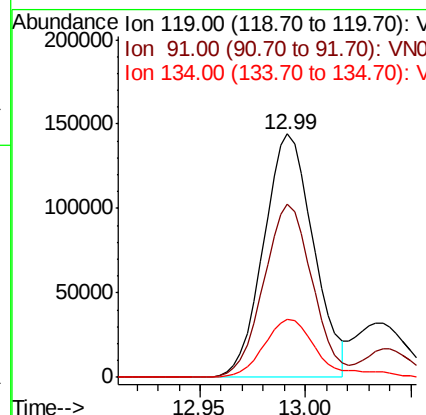
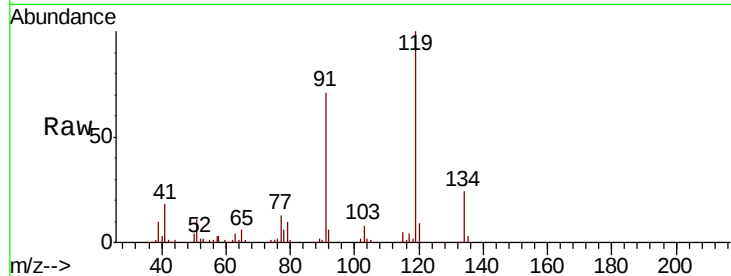




#83
tert-Butylbenzene
Concen: 21.817 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

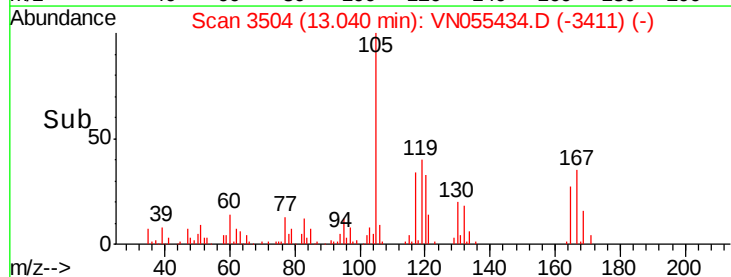
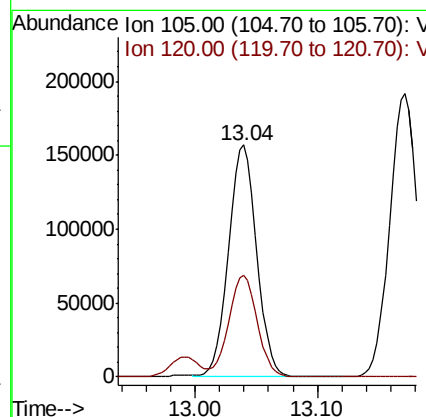
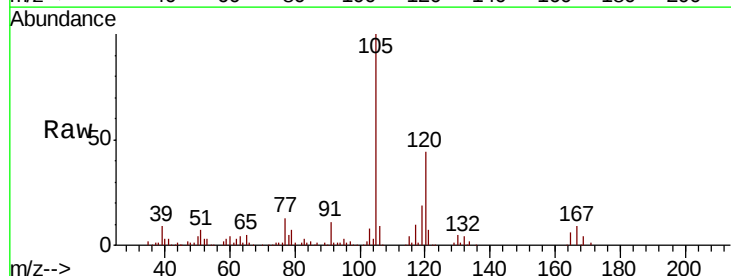
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBS01

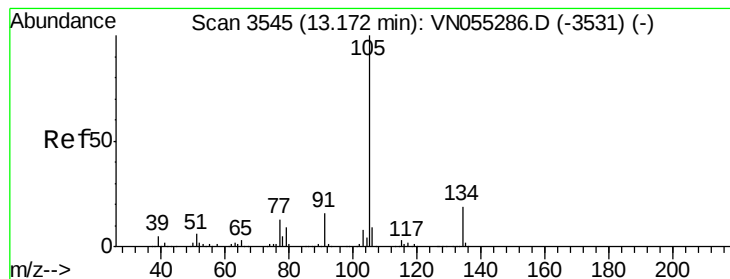
Tot Ion:119 Resp: 237095
Ion Ratio Lower Upper
119 100
91 69.4 34.3 102.9
134 26.0 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 19.918 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055434.D
Acq: 7 May 2019 13:48

Tgt Ion:105 Resp: 254369
Ion Ratio Lower Upper
105 100
120 44.3 22.1 66.5





#85

sec-Butylbenzene

Concen: 19.977 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

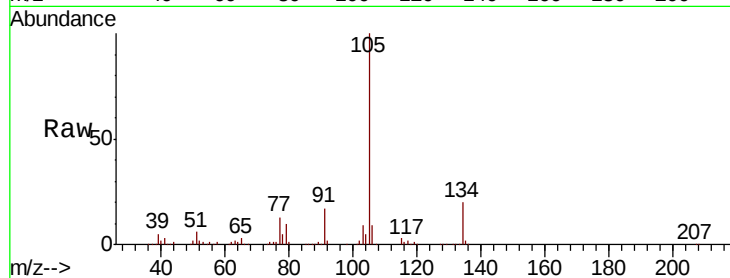
VN0507WBS01

Tot Ion:105 Resp: 310057

Ion Ratio Lower Upper

105 100

134 19.5 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

200000

150000

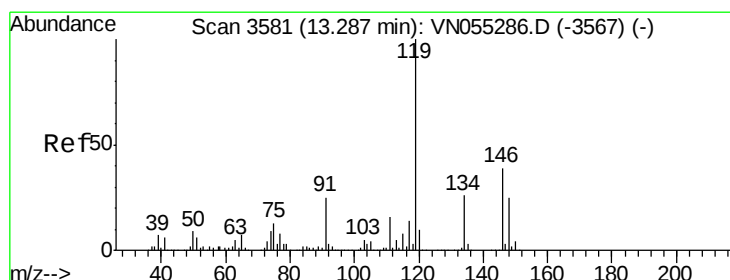
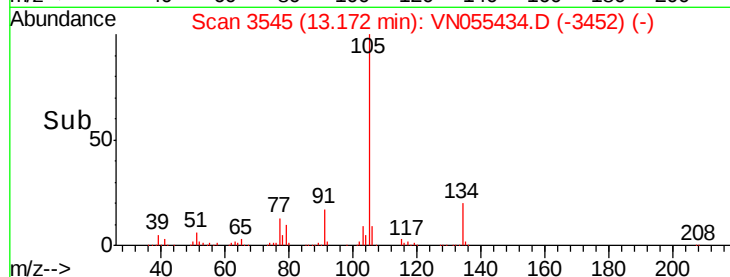
100000

50000

0

Time-->

13.10 13.15 13.20 13.25



#86

p-Isopropyltoluene

Concen: 19.861 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

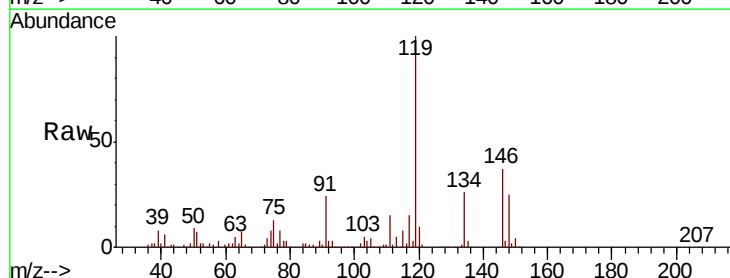
Tgt Ion:119 Resp: 253355

Ion Ratio Lower Upper

119 100

134 26.3 13.0 38.9

91 24.7 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

200000

150000

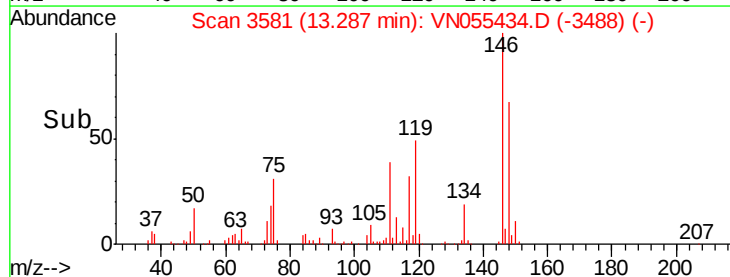
100000

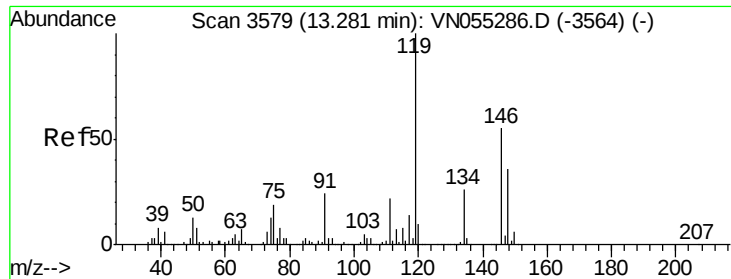
50000

0

Time-->

13.20 13.25 13.30 13.35

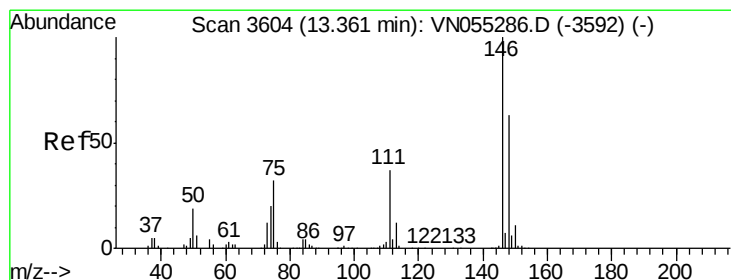
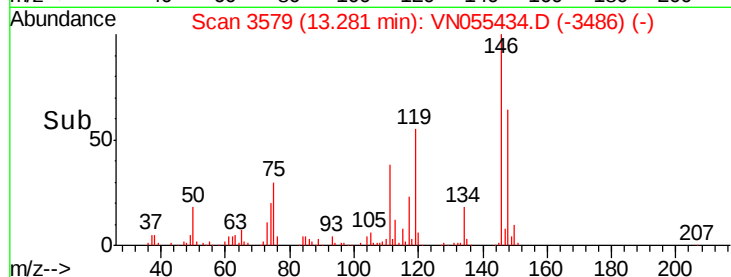
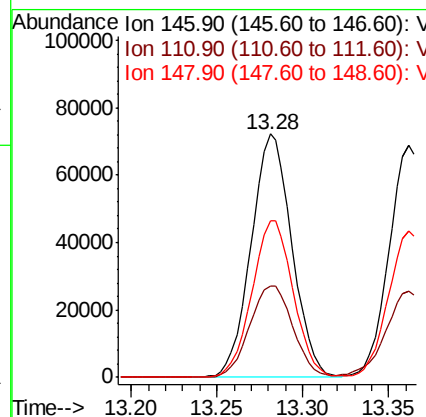
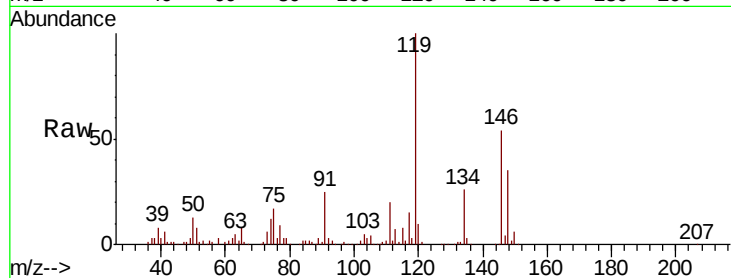




#87
 1,3-Dichlorobenzene
 Concen: 19.436 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055434.D
 Acq: 7 May 2019 13:48

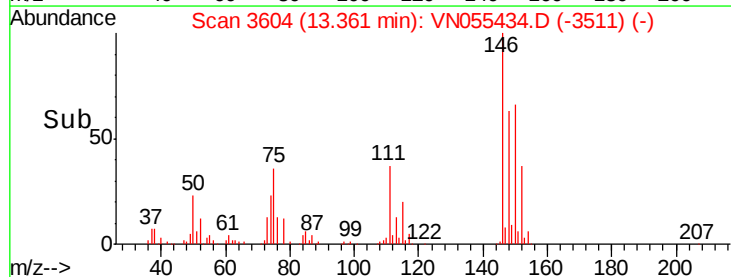
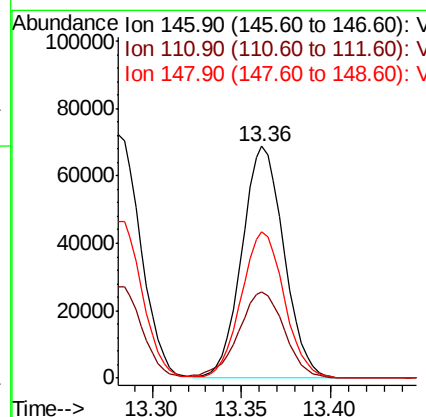
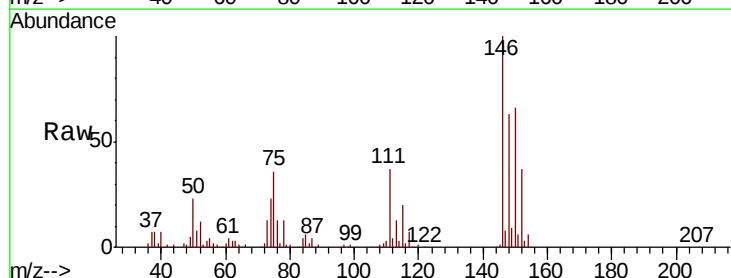
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBS01

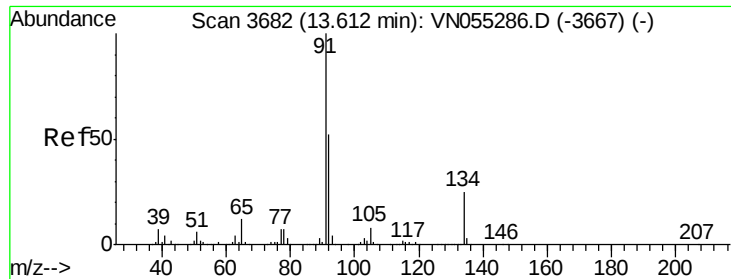
Tot Ion:146 Resp: 118459
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.3 60.8
 148 65.0 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 19.594 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055434.D
 Acq: 7 May 2019 13:48

Tgt Ion:146 Resp: 112468
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.5 58.5
 148 64.8 32.5 97.4





#89

n-Butylbenzene

Concen: 19.766 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

Instrument :

MSVOA_N

ClientSampled :

VN0507WBS01

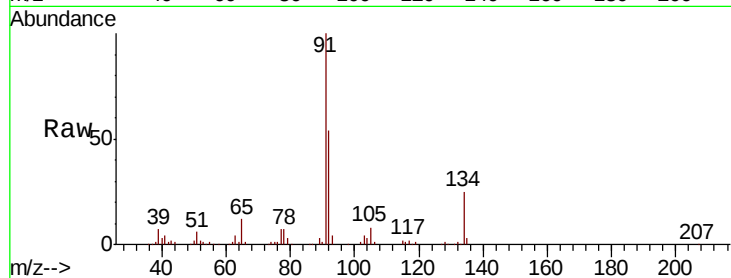
Tot Ion: 91 Resp: 179169

Ion Ratio Lower Upper

91 100

92 53.4 26.1 78.3

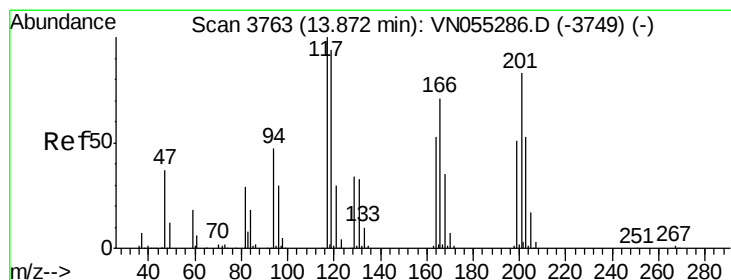
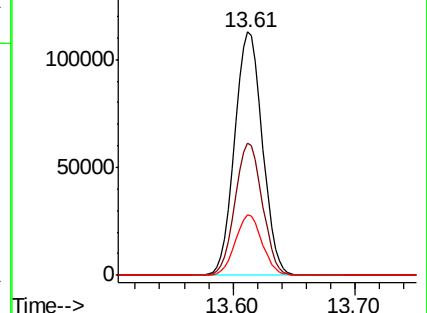
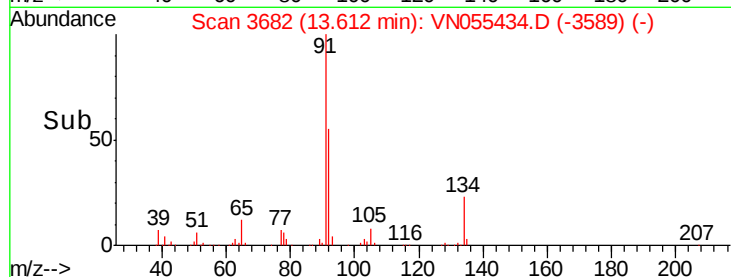
134 24.0 12.4 37.4



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

Ion 92.00 (91.70 to 92.70): VN055286.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN055286.D (-3667) (-)



#90

Hexachloroethane

Concen: 20.769 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055434.D

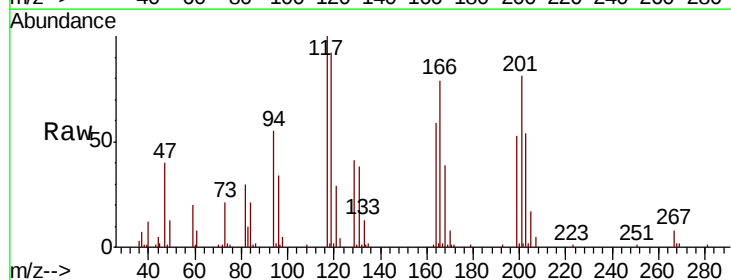
Acq: 7 May 2019 13:48

Tgt Ion: 117 Resp: 43811

Ion Ratio Lower Upper

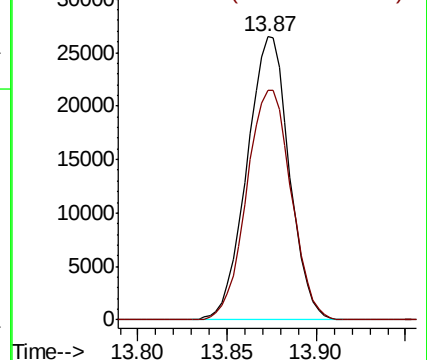
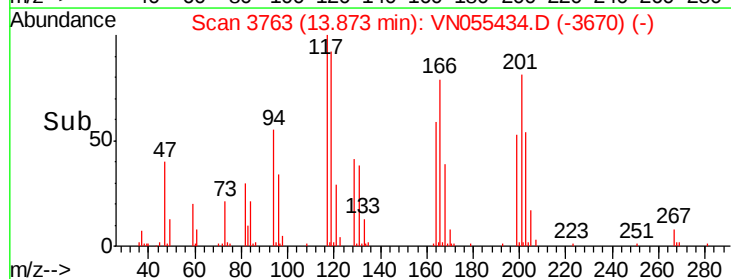
117 100

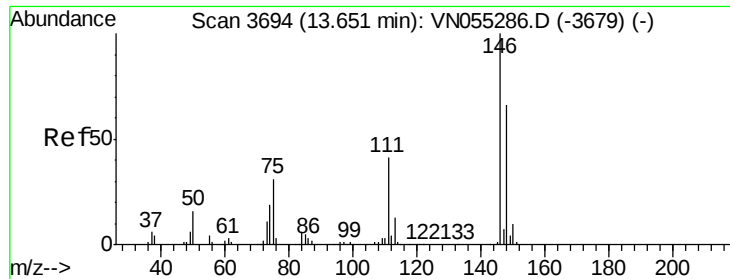
201 85.4 41.9 125.8



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

Ion 200.70 (200.40 to 201.40): VN055286.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 19.951 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBS01

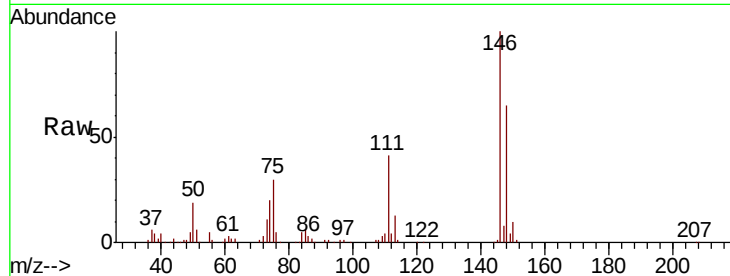
Tot Ion:146 Resp: 120519

Ion Ratio Lower Upper

146 100

111 41.0 20.3 61.0

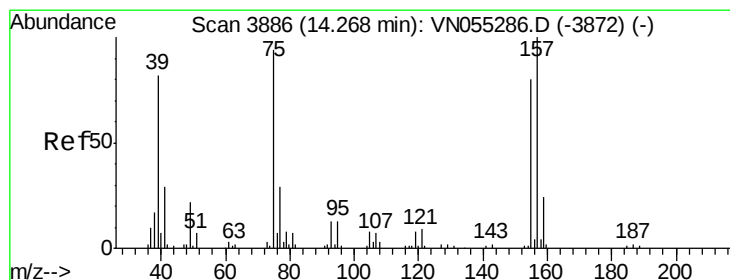
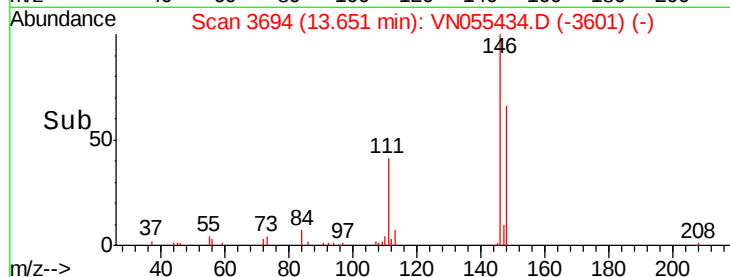
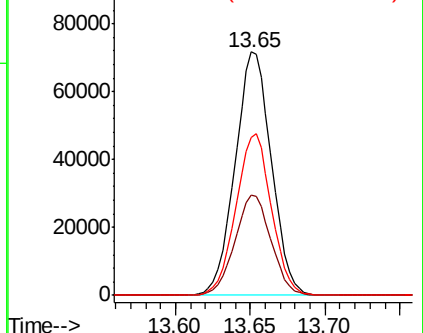
148 65.1 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 24.815 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

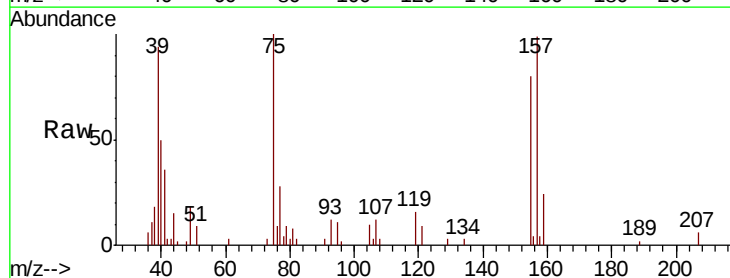
Tgt Ion: 75 Resp: 11891

Ion Ratio Lower Upper

75 100

155 85.8 41.5 124.6

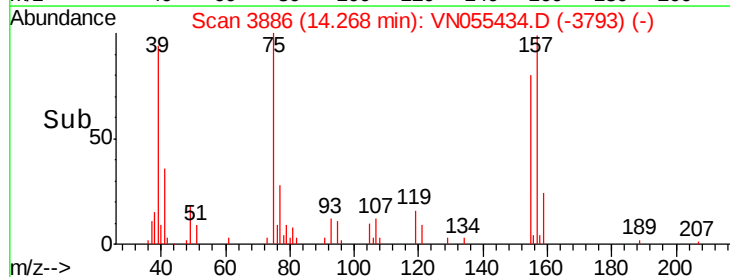
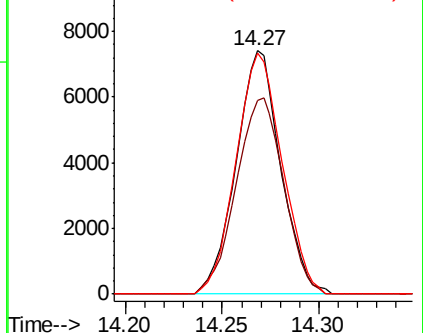
157 102.0 54.0 162.2

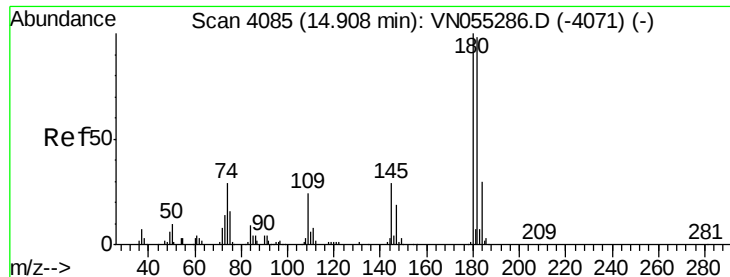


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

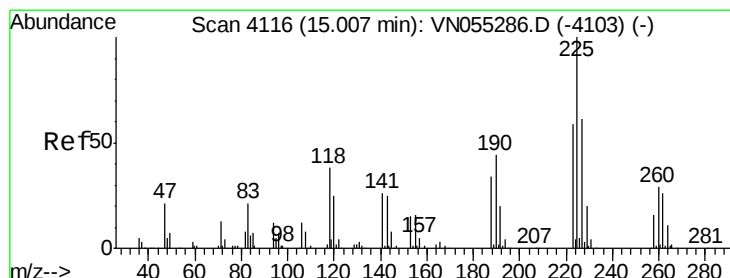
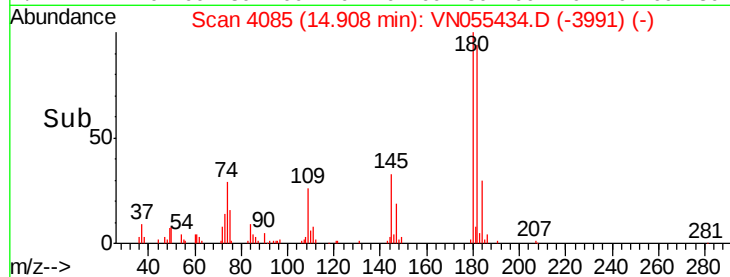
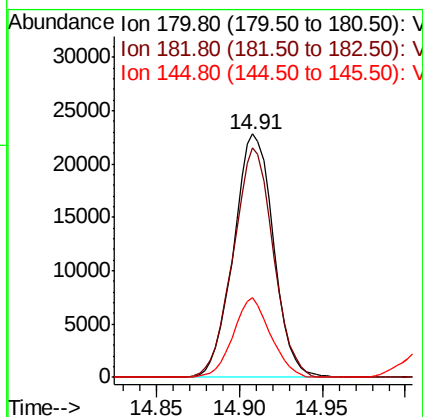
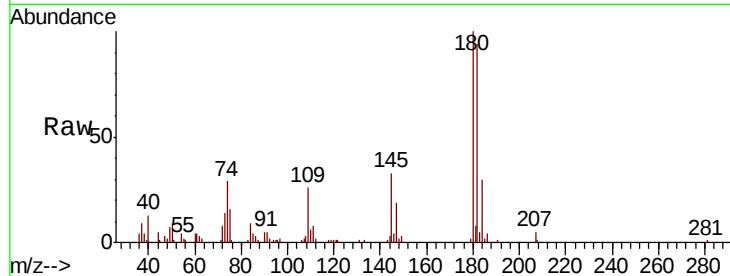




#93
 1,2,4-Trichlorobenzene
 Concen: 18.257 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055434.D
 Acq: 7 May 2019 13:48

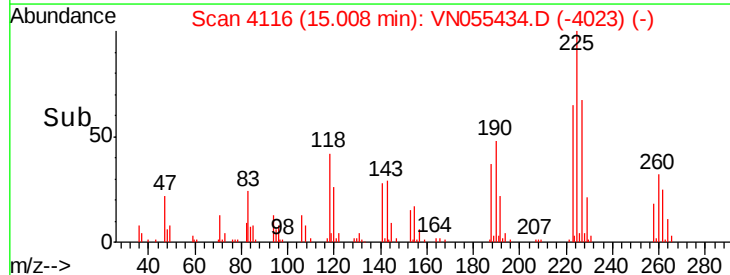
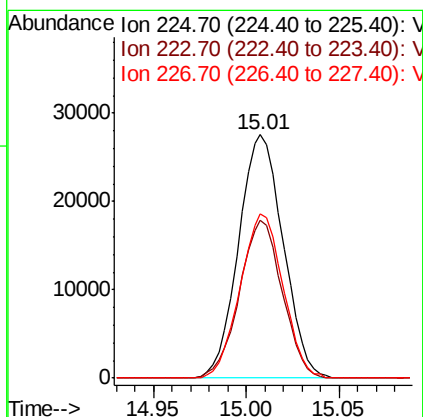
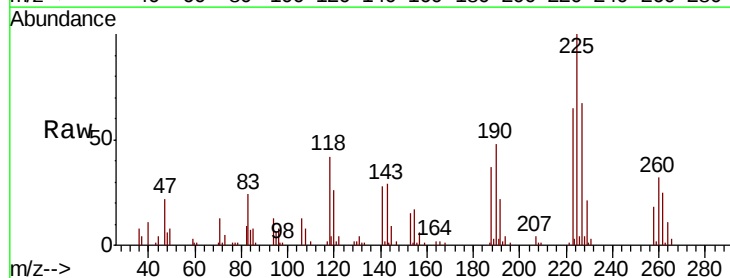
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBS01

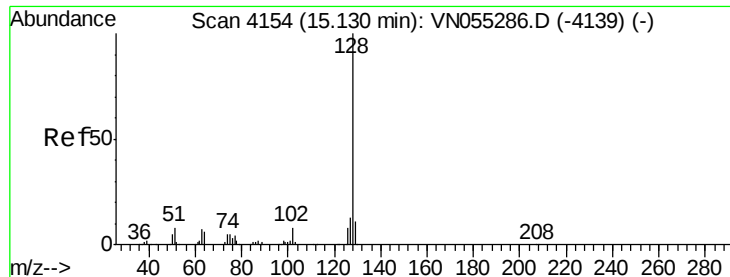
Tot Ion:180 Resp: 38119
 Ion Ratio Lower Upper
 180 100
 182 94.4 48.3 144.9
 145 30.6 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 23.779 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055434.D
 Acq: 7 May 2019 13:48

Tgt Ion:225 Resp: 45893
 Ion Ratio Lower Upper
 225 100
 223 62.1 30.3 90.8
 227 65.0 30.9 92.7





#95

Naphthalene

Concen: 17.109 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBS01

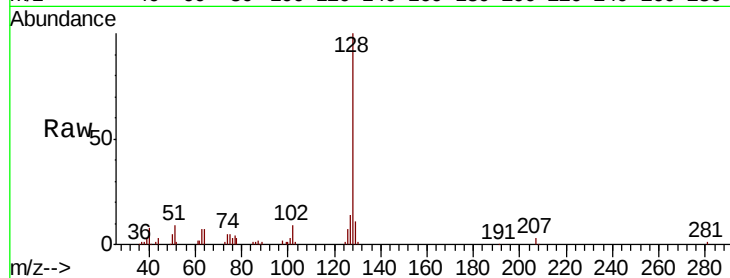
Tot Ion:128 Resp: 74747

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

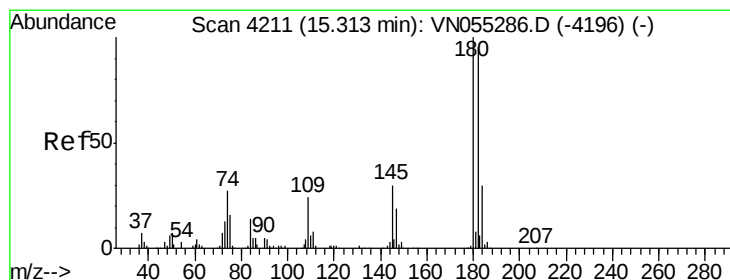
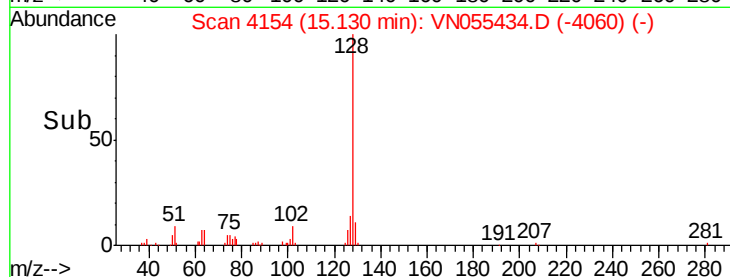
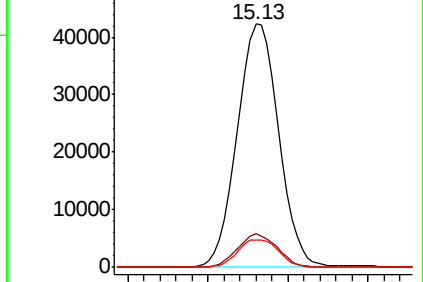
129 11.2 8.6 13.0



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: 19.866 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055434.D

Acq: 7 May 2019 13:48

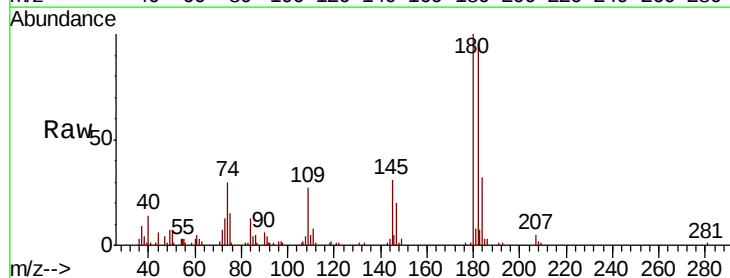
Tgt Ion:180 Resp: 42695

Ion Ratio Lower Upper

180 100

182 95.4 48.3 144.9

145 31.4 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

