

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056117.D
 Acq On : 7 Jun 2019 23:06
 Operator : JC/SP
 Sample : VN0608WBS03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS03

Quant Time: Jun 08 05:15:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	291477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	436968	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	385985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	154236	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	146698	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
35) Dibromofluoromethane	7.59	113	131093	48.90	ug/l	0.00
Spiked Amount			Recovery	=	97.80%	
50) Toluene-d8	10.09	98	497815	48.26	ug/l	0.00
Spiked Amount			Recovery	=	96.52%	
62) 4-Bromofluorobenzene	12.40	95	159819	45.55	ug/l	0.00
Spiked Amount			Recovery	=	91.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	62903	19.859	ug/l	97
3) Chloromethane	2.06	50	68567	21.701	ug/l	98
4) Vinyl Chloride	2.18	62	66912	21.112	ug/l	99
5) Bromomethane	2.55	94	42448	21.202	ug/l	98
6) Chloroethane	2.69	64	37936	20.644	ug/l	97
7) Trichlorofluoromethane	3.01	101	81228	20.076	ug/l	99
8) Diethyl Ether	3.40	74	33754	20.286	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.74	101	50614	20.593	ug/l	100
10) Methyl Iodide	3.94	142	72689	18.610	ug/l	99
11) Tert butyl alcohol	4.82	59	49017	97.325	ug/l	99
12) 1,1-Dichloroethene	3.72	96	49426	20.199	ug/l	98
13) Acrolein	3.60	56	10893	74.993	ug/l	99
14) Allyl chloride	4.31	41	74198	19.203	ug/l	99
15) Acrylonitrile	4.99	53	141403	115.337	ug/l	99
16) Acetone	3.82	43	118478	85.595	ug/l	100
17) Carbon Disulfide	4.04	76	97737	16.682	ug/l	99
18) Methyl Acetate	4.33	43	65923	23.945	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	162830	20.877	ug/l	99
20) Methylene Chloride	4.54	84	60882	21.349	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	52921	20.185	ug/l	96
22) Diisopropyl ether	5.95	45	168169	21.055	ug/l	98
23) Vinyl Acetate	5.90	43	647957	103.017	ug/l	100
24) 1,1-Dichloroethane	5.84	63	96049	20.848	ug/l	100
25) 2-Butanone	6.84	43	182873	104.567	ug/l	99
26) 2,2-Dichloropropane	6.82	77	51153	14.229	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	63380	20.566	ug/l	96
28) Bromochloromethane	7.19	49	45837	21.038	ug/l	99
29) Tetrahydrofuran	7.22	42	122347	113.176	ug/l	99
30) Chloroform	7.37	83	97994	21.143	ug/l	99
31) Cyclohexane	7.65	56	89392	19.465	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	76514	19.770	ug/l	99
36) 1,1-Dichloropropene	7.79	75	69024	18.371	ug/l	99
37) Ethyl Acetate	6.94	43	74993	22.432	ug/l	99
38) Carbon Tetrachloride	7.77	117	64053	18.491	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	83728	17.889	ug/l	99
40) Benzene	8.04	78	228083	19.987	ug/l	99
41) Methacrylonitrile	7.18	41	33258	21.622	ug/l	95
42) 1,2-Dichloroethane	8.12	62	73082	19.909	ug/l	100
43) Isopropyl Acetate	8.17	43	109096	20.138	ug/l	94
44) Trichloroethene	8.83	130	63226	19.281	ug/l	100
45) 1,2-Dichloropropane	9.12	63	60484	20.692	ug/l	96
46) Dibromomethane	9.21	93	39240	20.529	ug/l	100
47) Bromodichloromethane	9.40	83	65414	18.882	ug/l	96
48) Methyl methacrylate	9.20	41	55653	20.998	ug/l	96
49) 1,4-Dioxane	9.21	88	24673	431.213	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	364548	107.607	ug/l	99
52) Toluene	10.16	92	143057	20.146	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	61884	16.903	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	76190	18.296	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	57593	20.475	ug/l	99
56) Ethyl methacrylate	10.43	69	83007	20.228	ug/l	97
57) 1,3-Dichloropropane	10.71	76	94557	20.679	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	146421	99.512	ug/l	99
59) 2-Hexanone	10.75	43	252526	102.846	ug/l	99
60) Dibromochloromethane	10.90	129	50450	17.916	ug/l	99
61) 1,2-Dibromoethane	11.00	107	58400	20.309	ug/l	96
64) Tetrachloroethene	10.63	164	66347	19.858	ug/l	98
65) Chlorobenzene	11.43	112	171297	22.299	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	52252	19.699	ug/l	98
67) Ethyl Benzene	11.51	91	262127	19.624	ug/l	99
68) m/p-Xylenes	11.62	106	197826	38.769	ug/l	99
69) o-Xylene	11.95	106	99029	19.729	ug/l	99
70) Styrene	11.96	104	157504	19.750	ug/l	99
71) Bromoform	12.13	173	33840	17.105	ug/l #	99
73) Isopropylbenzene	12.25	105	258112	22.129	ug/l	100
74) N-amyl acetate	12.07	43	87132	21.193	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	80261	22.416	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	87868	30.961	ug/l #	100
77) Bromobenzene	12.53	156	69405	21.018	ug/l	93
78) n-propylbenzene	12.59	91	262150	20.091	ug/l	99
79) 2-Chlorotoluene	12.67	91	167621	21.853	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	209930	20.244	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	13107	15.380	ug/l #	77
82) 4-Chlorotoluene	12.77	91	153322	20.085	ug/l	100
83) tert-Butylbenzene	12.99	119	190698	22.183	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	203866	20.731	ug/l	99
85) sec-Butylbenzene	13.17	105	236027	20.426	ug/l	99
86) p-Isopropyltoluene	13.29	119	206346	19.953	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	100851	19.733	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	96997	19.729	ug/l	100
89) n-Butylbenzene	13.61	91	137280	17.919	ug/l	99
90) Hexachloroethane	13.88	117	29007	18.599	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	108997	21.124	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10482	20.468	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	38108	16.527	ug/l	98
94) Hexachlorobutadiene	15.01	225	37581	19.984	ug/l	98
95) Naphthalene	15.13	128	106321	17.153	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	44864	17.575	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

Instrument :

MSVOA_N

ClientSampled :

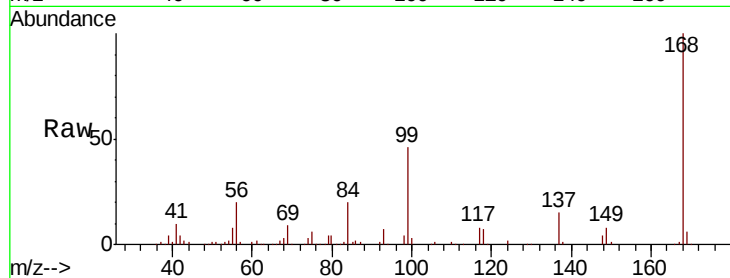
VN0608WBS03

Tot Ion:168 Resp: 291477

Ion Ratio Lower Upper

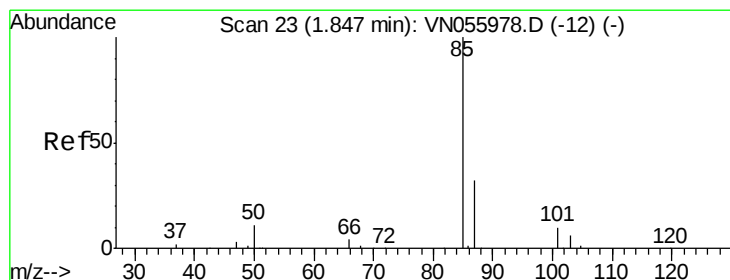
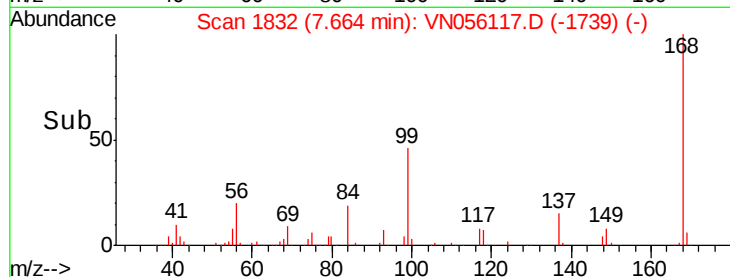
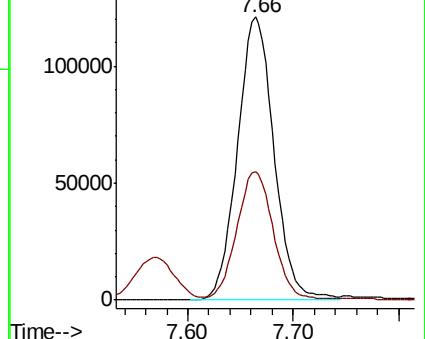
168 100

99 44.8 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 19.859 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056117.D

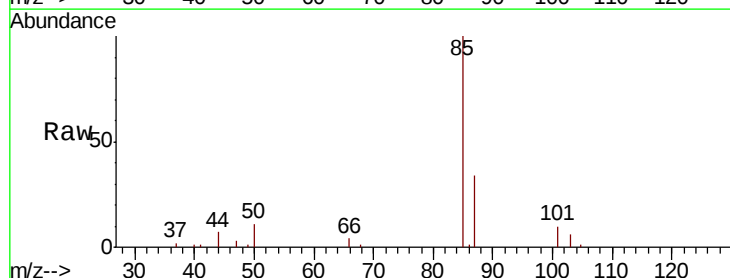
Acq: 7 Jun 2019 23:06

Tgt Ion: 85 Resp: 62903

Ion Ratio Lower Upper

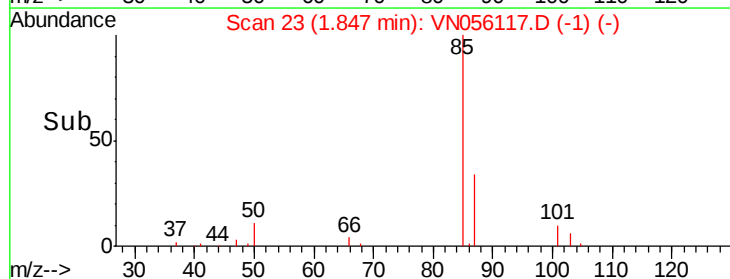
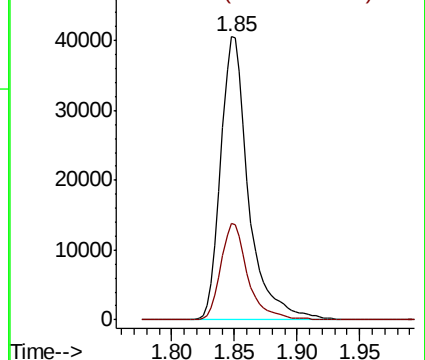
85 100

87 34.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 21.701 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

Instrument :

MSVOA_N

ClientSampled :

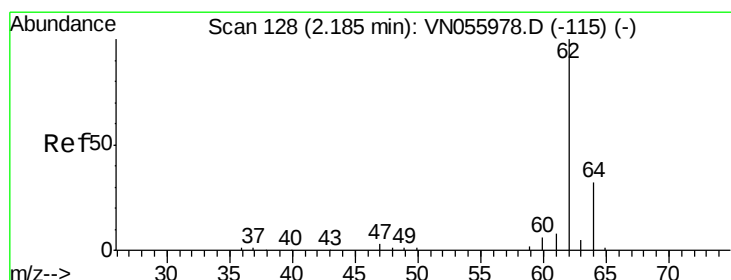
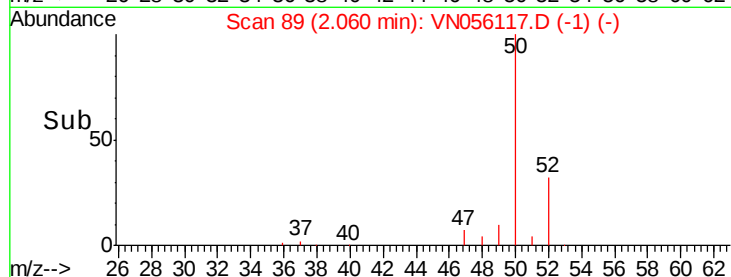
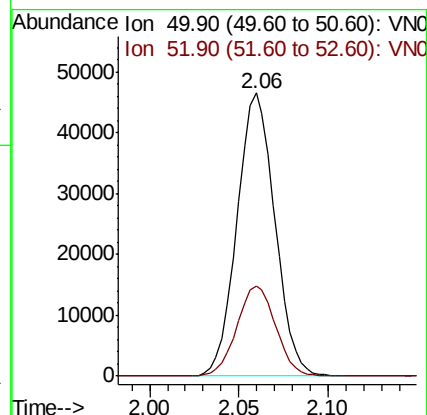
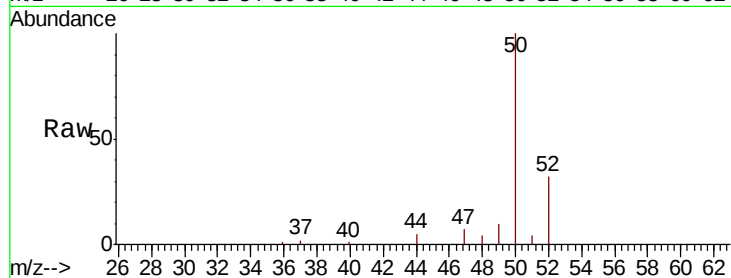
VN0608WBS03

Tot Ion: 50 Resp: 68567

Ion Ratio Lower Upper

50 100

52 32.0 26.6 40.0



#4

Vinyl Chloride

Concen: 21.112 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056117.D

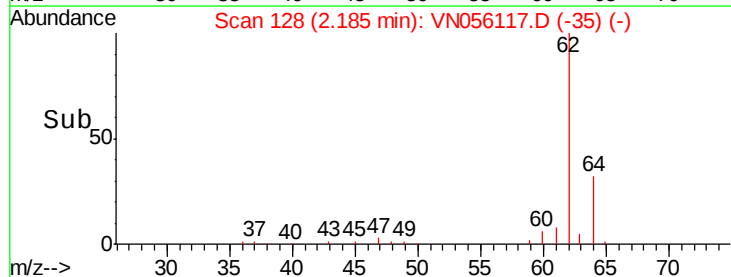
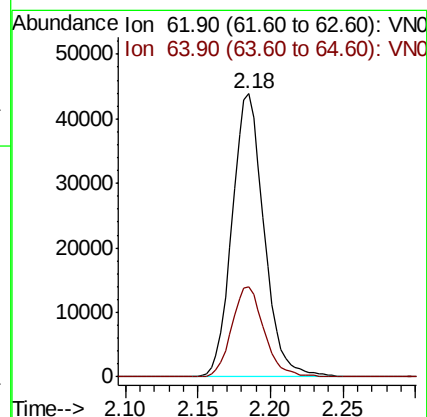
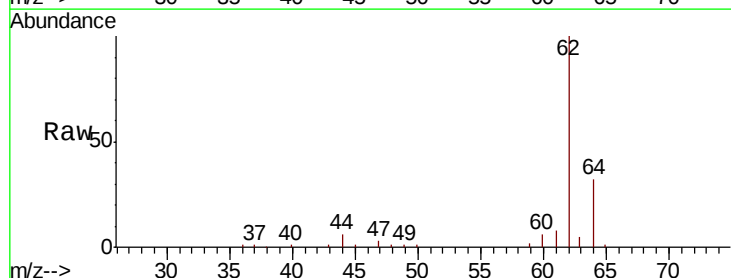
Acq: 7 Jun 2019 23:06

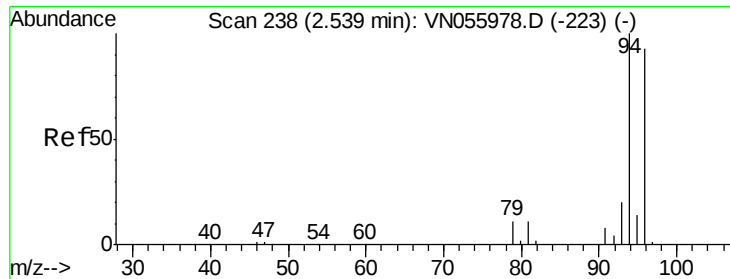
Tgt Ion: 62 Resp: 66912

Ion Ratio Lower Upper

62 100

64 31.7 25.6 38.4

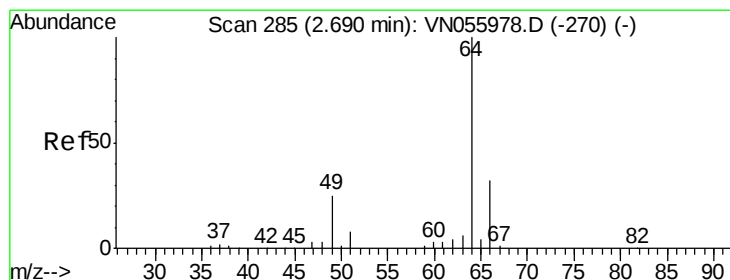
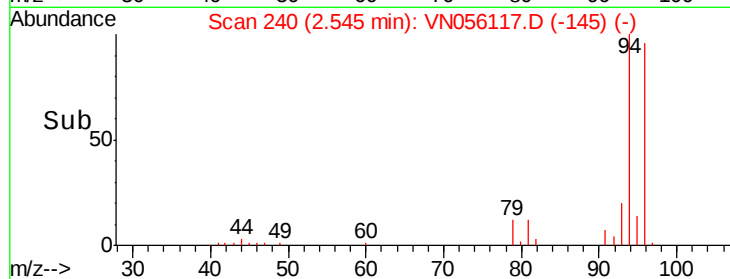
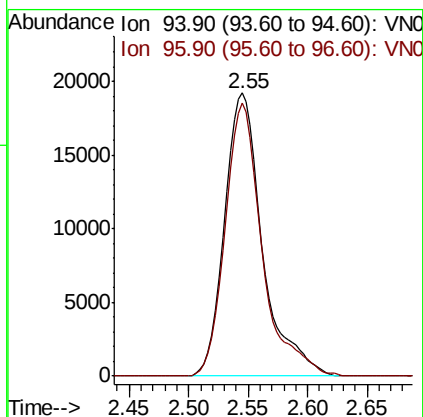
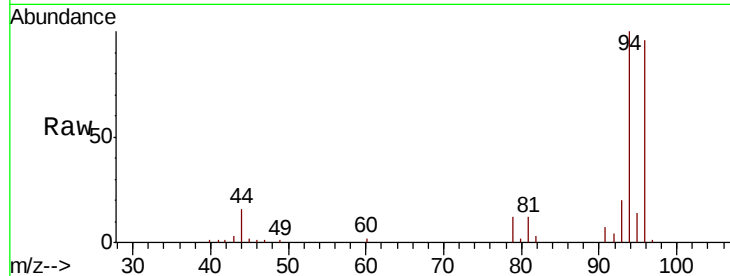




#5
Bromomethane
Concen: 21.202 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.01 min
Lab File: VN056117.D
Acq: 7 Jun 2019 23:06

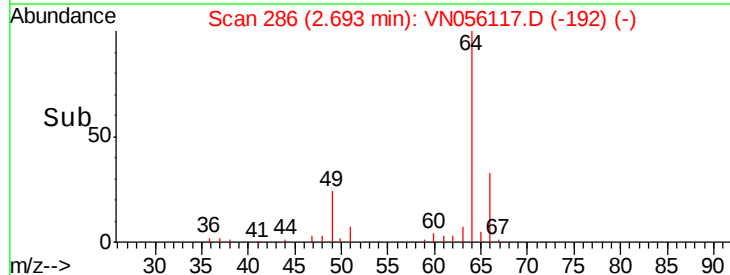
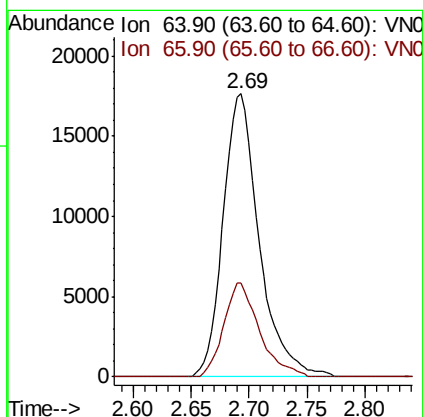
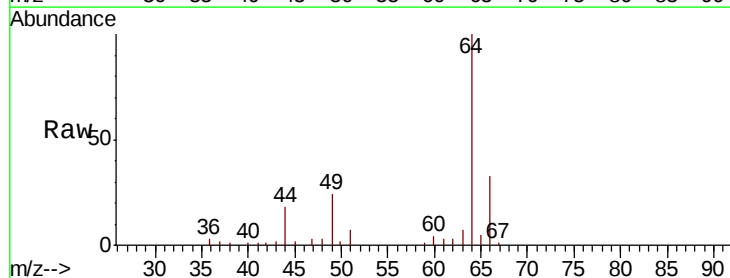
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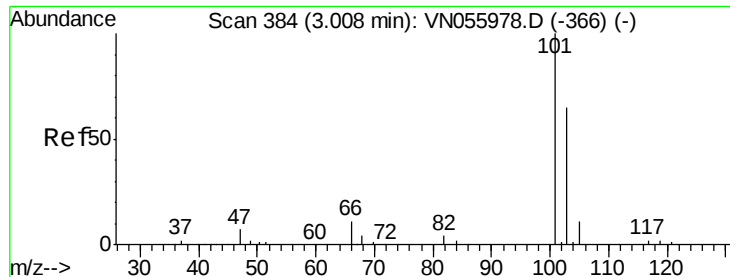
Tot Ion: 94 Resp: 42448
Ion Ratio Lower Upper
94 100
96 96.3 75.5 113.3



#6
Chloroethane
Concen: 20.644 ug/l
RT: 2.69 min Scan# 286
Delta R.T. 0.00 min
Lab File: VN056117.D
Acq: 7 Jun 2019 23:06

Tgt Ion: 64 Resp: 37936
Ion Ratio Lower Upper
64 100
66 33.1 25.4 38.0



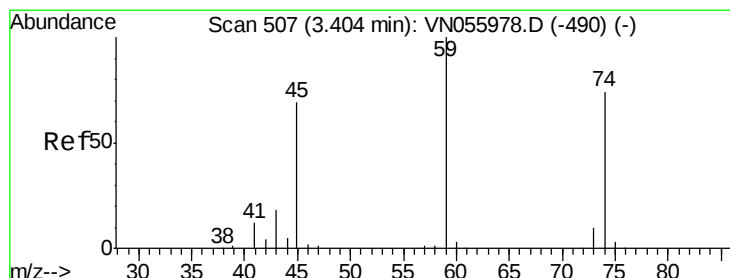
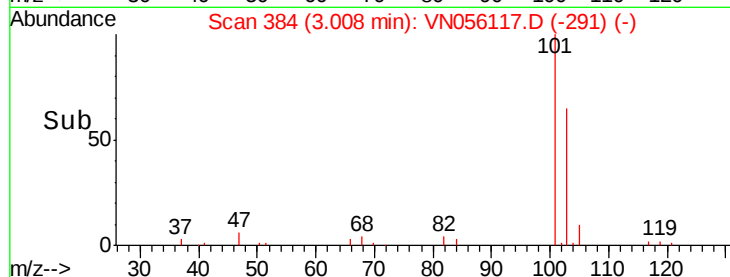
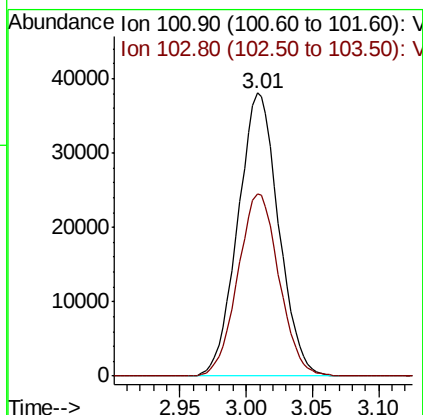
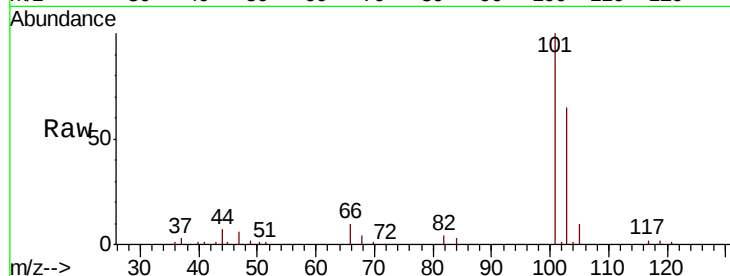


#7

Trichlorofluoromethane
 Concen: 20.076 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: VN056117.D
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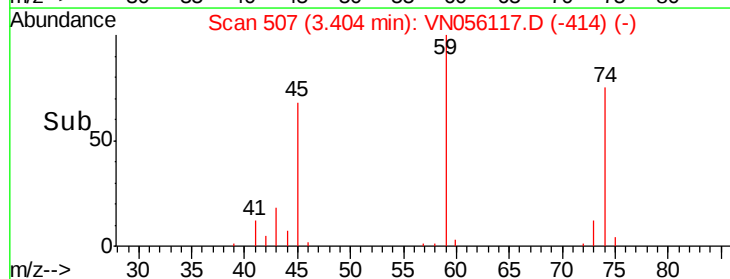
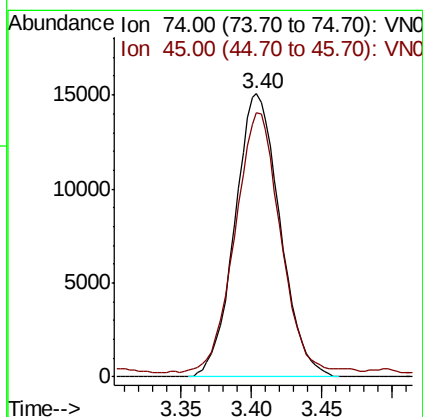
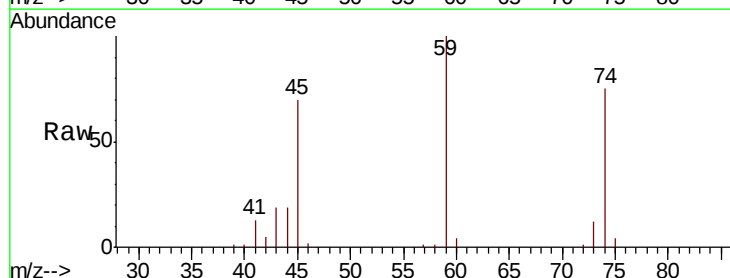
Tot Ion:101 Resp: 81228
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.2 76.8

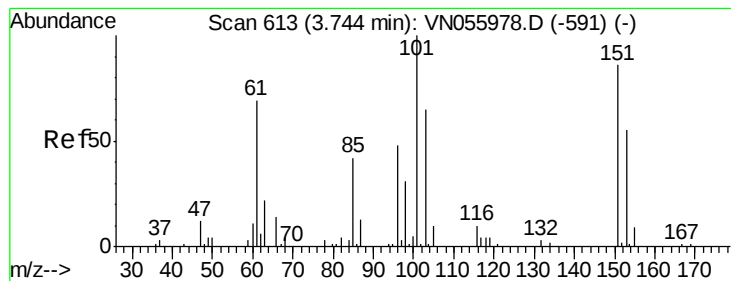


#8

Diethyl Ether
 Concen: 20.286 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN056117.D
 Acq: 7 Jun 2019 23:06

Tgt Ion: 74 Resp: 33754
 Ion Ratio Lower Upper
 74 100
 45 91.5 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.593 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS03

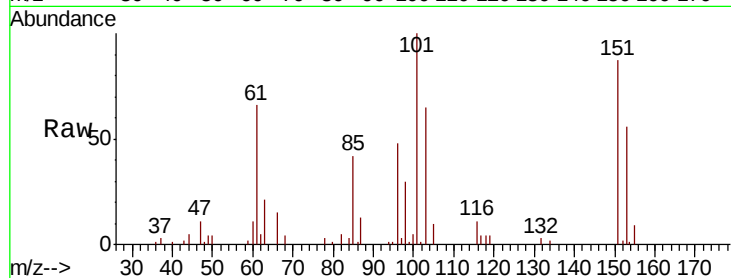
Tot Ion:101 Resp: 50614

Ion Ratio Lower Upper

101 100

85 41.5 33.4 50.2

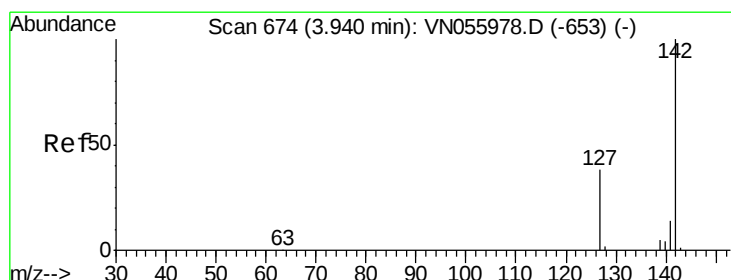
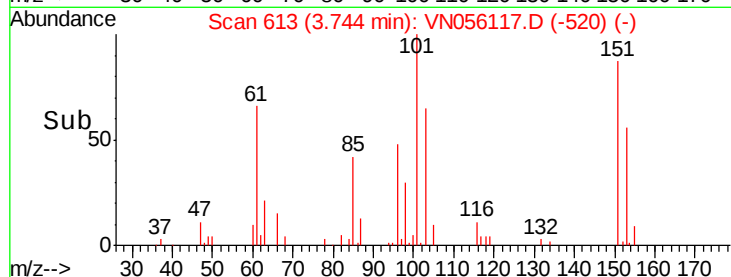
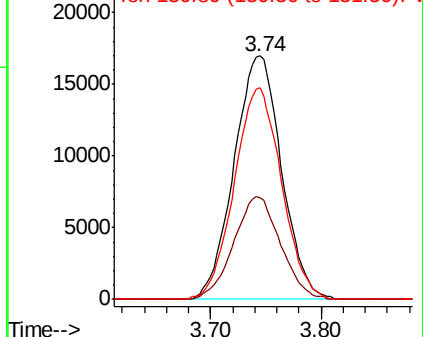
151 86.3 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.610 ug/l

RT: 3.94 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

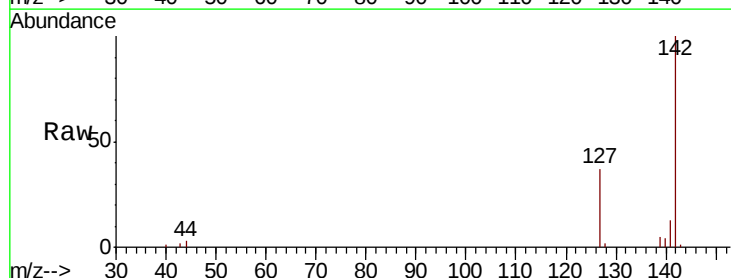
Tgt Ion:142 Resp: 72689

Ion Ratio Lower Upper

142 100

127 37.9 31.0 46.4

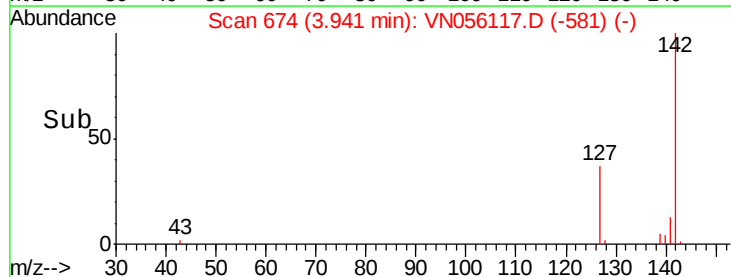
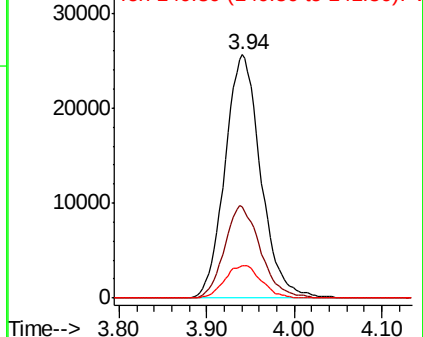
141 13.6 11.4 17.0



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



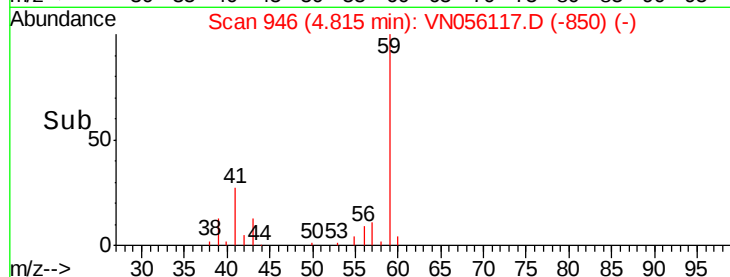
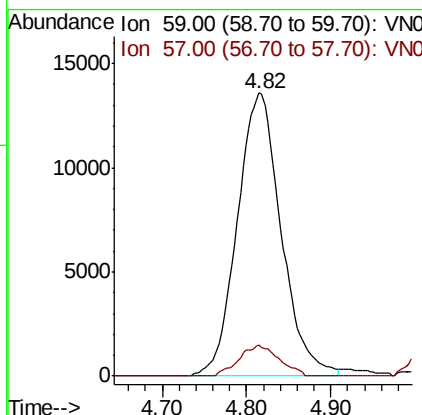
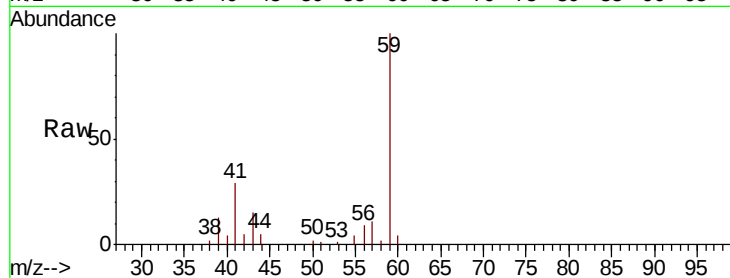


#11

Tert butyl alcohol
 Concen: 97.325 ug/l
 RT: 4.82 min Scan# 946
 Delta R.T. 0.01 min
 Lab File: VN056117.D
 Acq: 7 Jun 2019 23:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS03

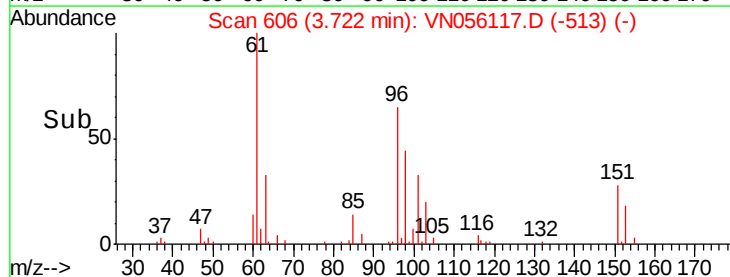
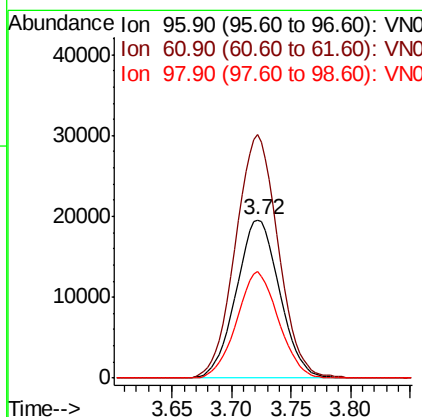
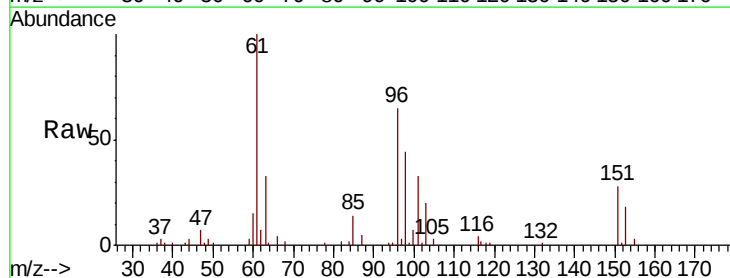
Tot Ion: 59 Resp: 49017
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.8 11.6

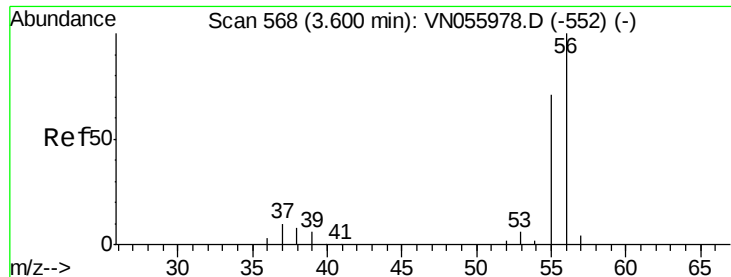


#12

1,1-Dichloroethene
 Concen: 20.199 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VN056117.D
 Acq: 7 Jun 2019 23:06

Tgt Ion: 96 Resp: 49426
 Ion Ratio Lower Upper
 96 100
 61 153.6 123.2 184.8
 98 67.0 50.4 75.6





#13

Acrolein

Concen: 74.993 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

Instrument :

MSVOA_N

ClientSampleId :

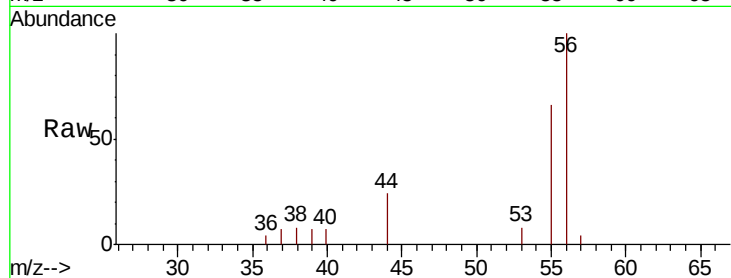
VN0608WBS03

Tot Ion: 56 Resp: 10893

Ion Ratio Lower Upper

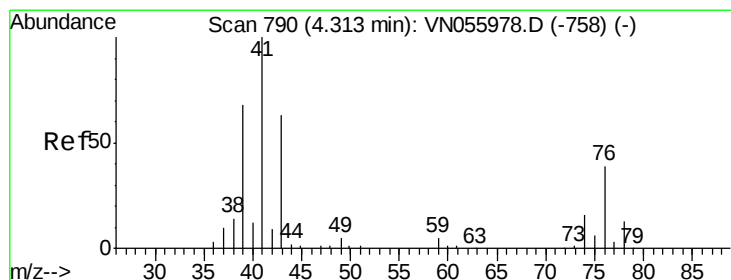
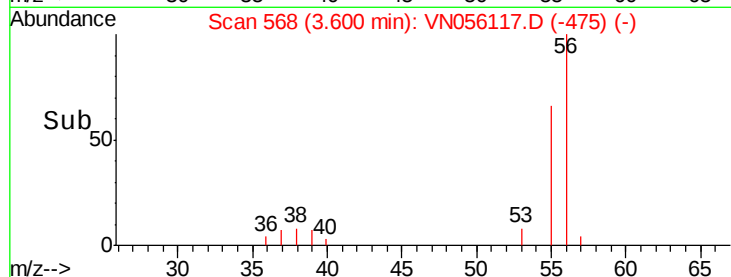
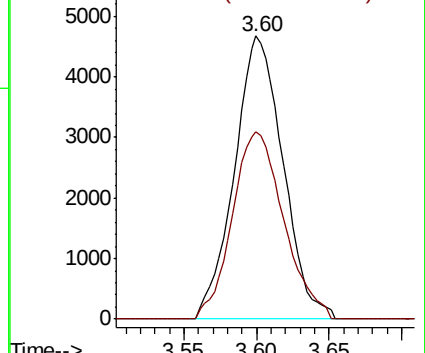
56 100

55 70.0 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.203 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

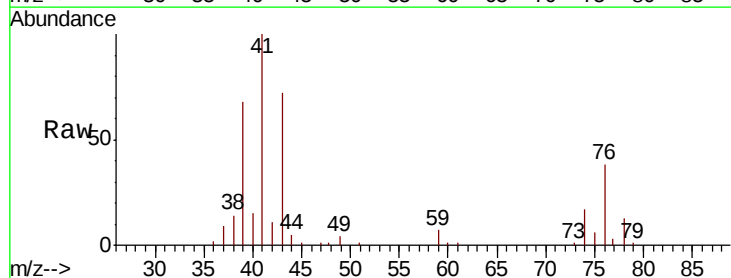
Tgt Ion: 41 Resp: 74198

Ion Ratio Lower Upper

41 100

39 62.2 50.0 75.0

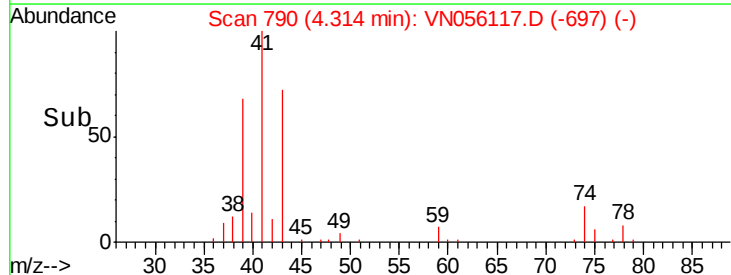
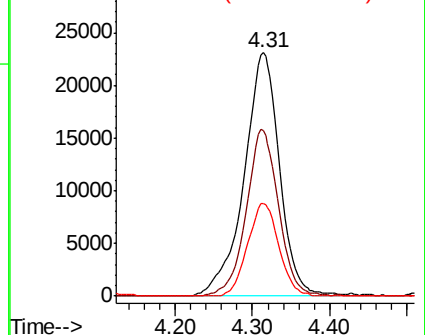
76 33.5 28.2 42.2



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 115.337 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

Instrument :

MSVOA_N

ClientSampled :

VN0608WBS03

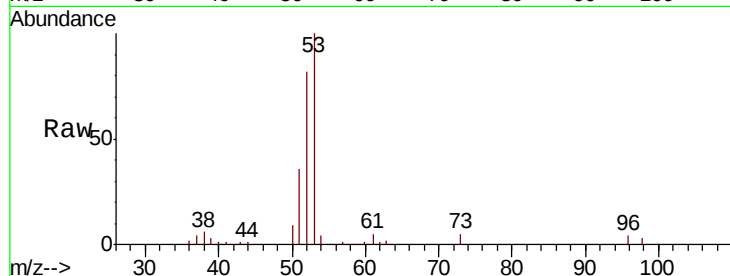
Tot Ion: 53 Resp: 141403

Ion Ratio Lower Upper

53 100

52 81.9 65.8 98.8

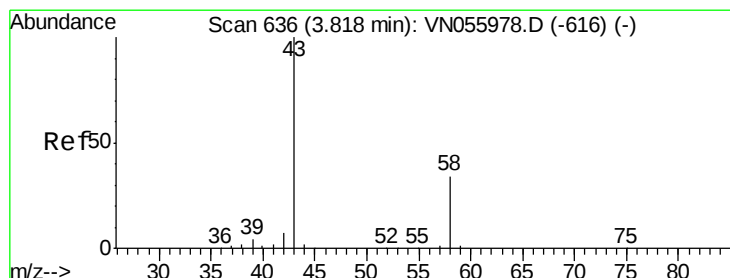
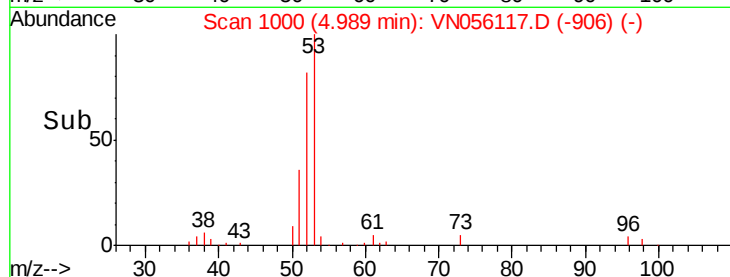
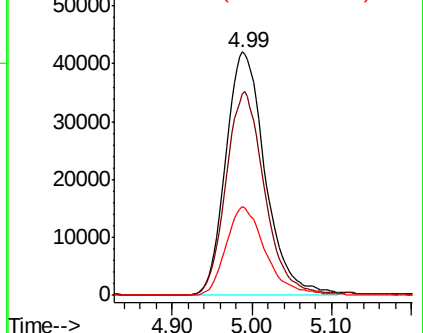
51 36.4 28.2 42.4



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: 85.595 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056117.D

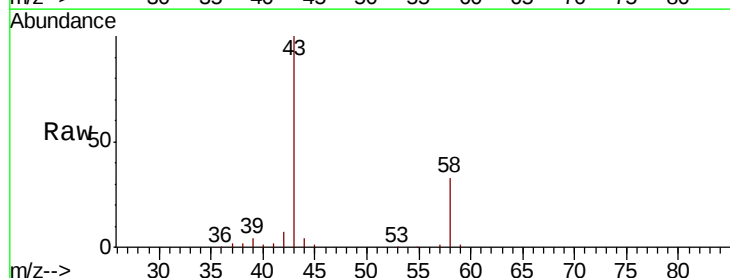
Acq: 7 Jun 2019 23:06

Tgt Ion: 43 Resp: 118478

Ion Ratio Lower Upper

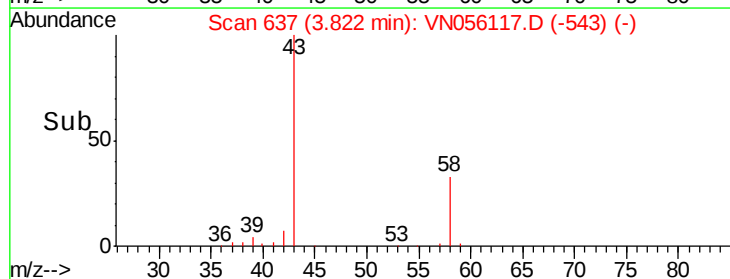
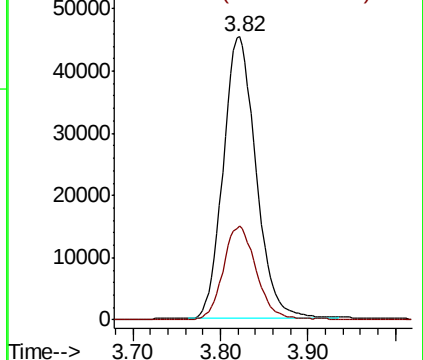
43 100

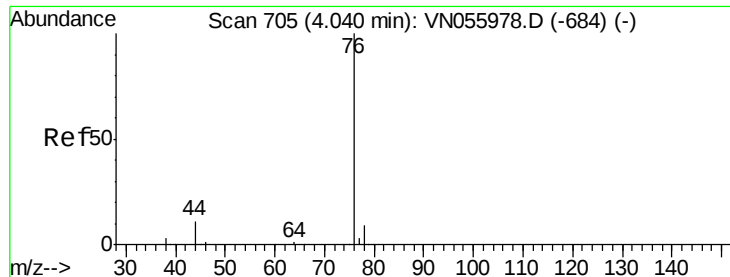
58 33.2 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

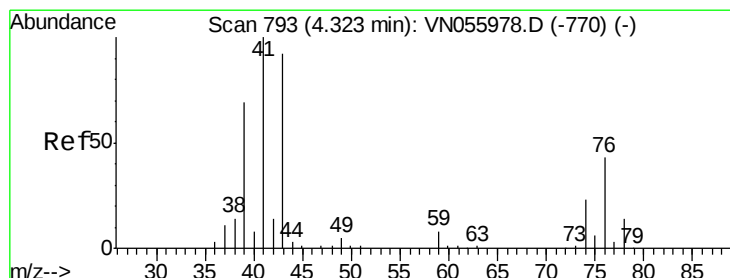
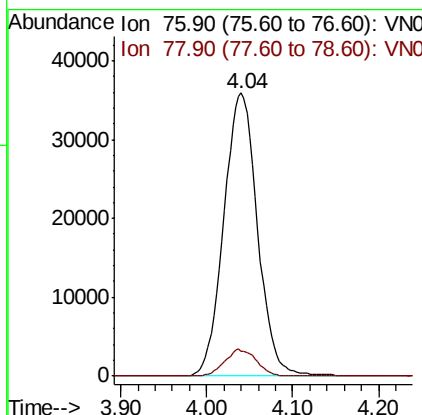
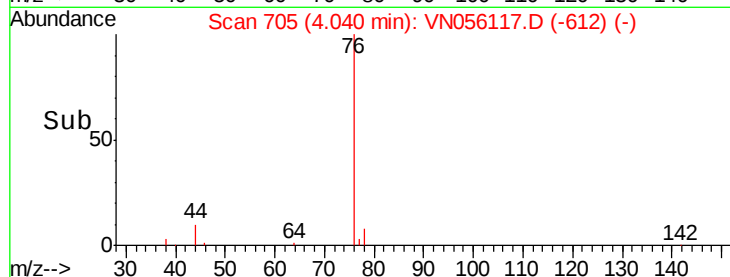
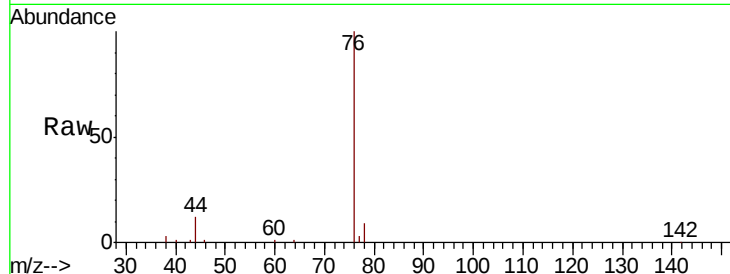




#17
Carbon Disulfide
Concen: 16.682 ug/l
RT: 4.04 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN056117.D
Acq: 7 Jun 2019 23:06

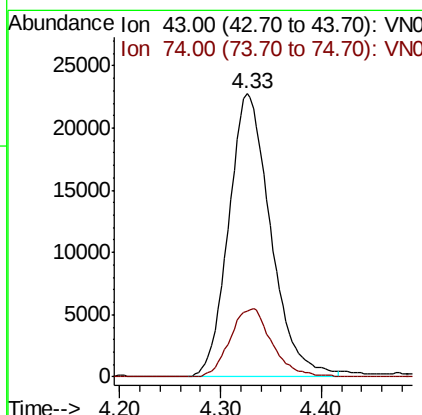
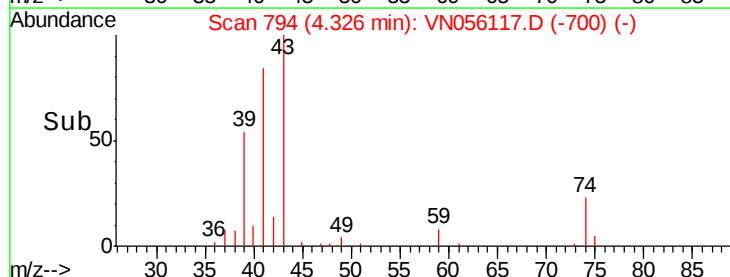
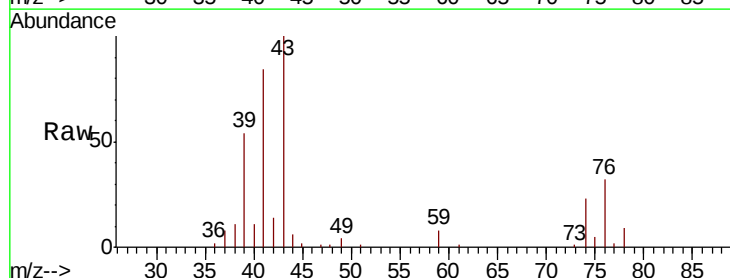
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS03

Tot Ion: 76 Resp: 97737
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 23.945 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056117.D
Acq: 7 Jun 2019 23:06

Tgt Ion: 43 Resp: 65923
Ion Ratio Lower Upper
43 100
74 23.7 19.3 28.9

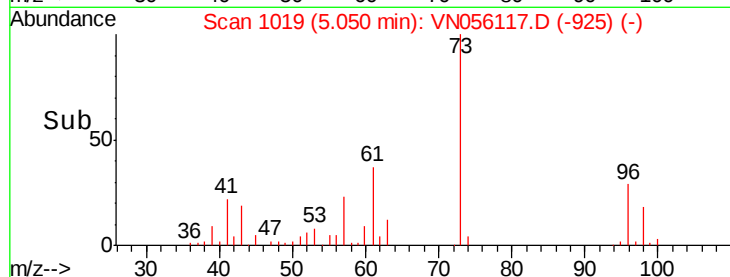
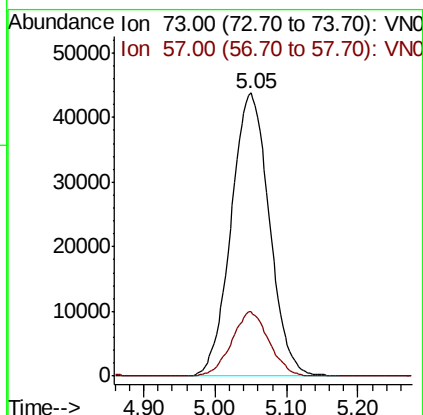
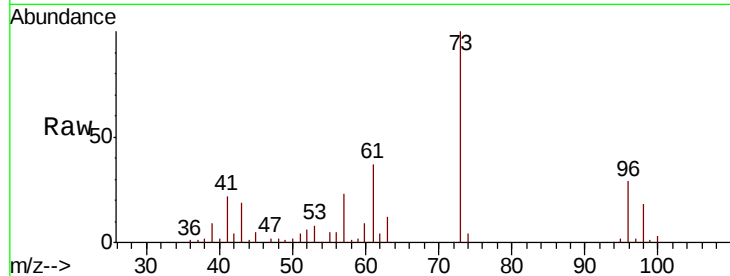




#19
Methvl tert-butvl Ether
Concen: 20.877 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056117.D
Acq: 7 Jun 2019 23:06

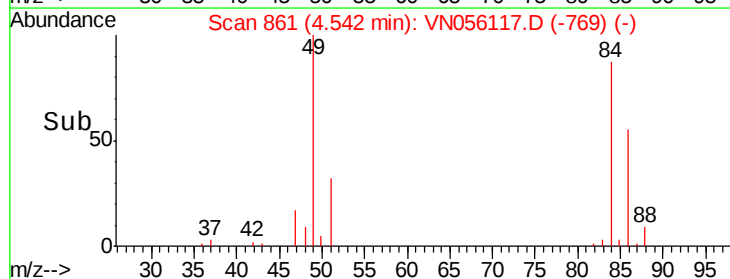
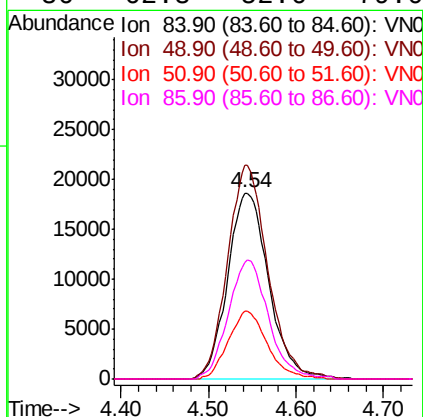
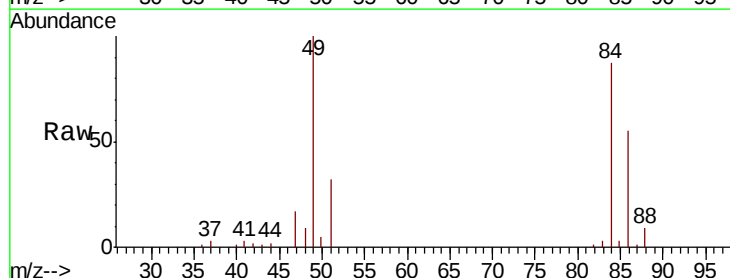
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS03

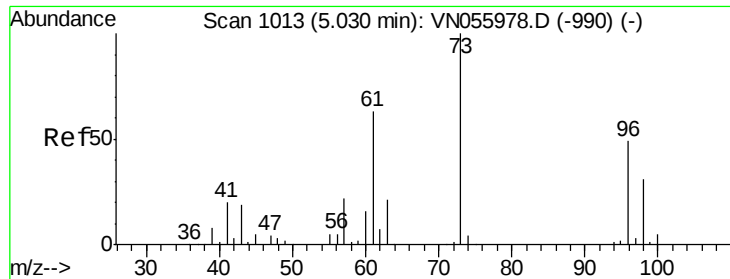
Tot Ion: 73 Resp: 162830
Ion Ratio Lower Upper
73 100
57 23.0 17.8 26.8



#20
Methylene Chloride
Concen: 21.349 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056117.D
Acq: 7 Jun 2019 23:06

Tgt Ion: 84 Resp: 60882
Ion Ratio Lower Upper
84 100
49 115.0 93.5 140.3
51 36.2 28.6 43.0
86 62.8 52.6 79.0

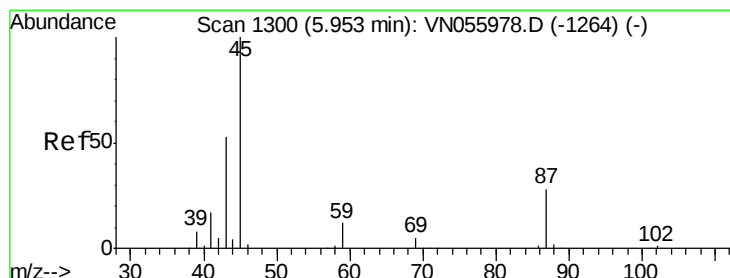
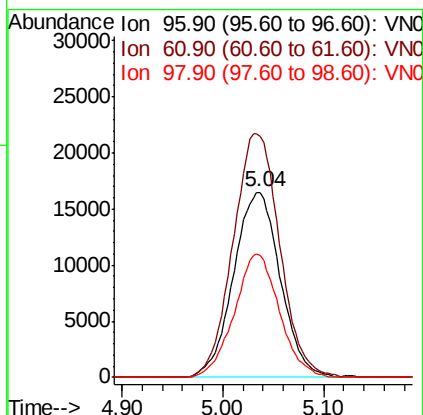
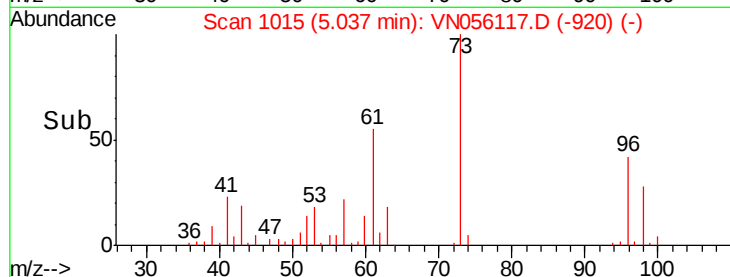
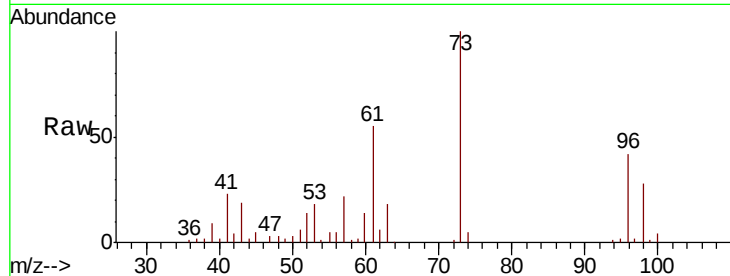




#21
trans-1,2-Dichloroethene
Concen: 20.185 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VN056117.D
Acq: 7 Jun 2019 23:06

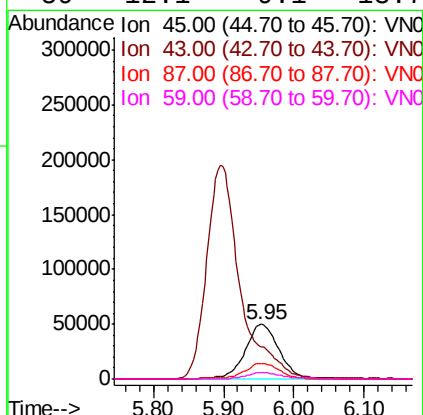
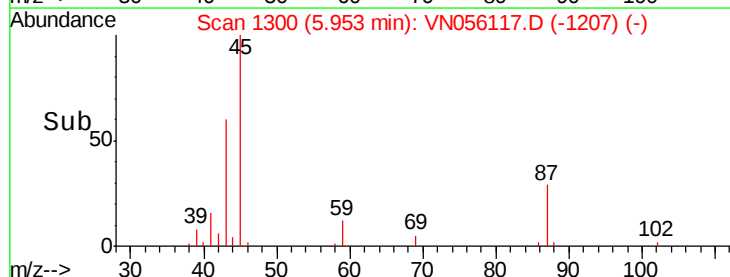
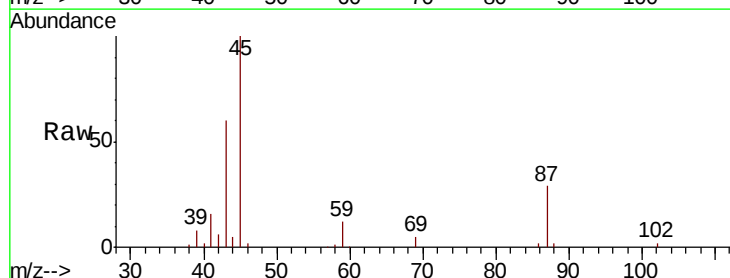
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS03

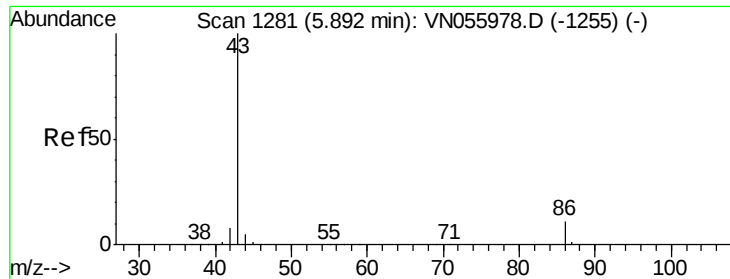
Tot Ion: 96 Resp: 52921
Ion Ratio Lower Upper
96 100
61 130.6 107.8 161.8
98 66.1 49.8 74.8



#22
Diisopropyl ether
Concen: 21.055 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056117.D
Acq: 7 Jun 2019 23:06

Tgt Ion: 45 Resp: 168169
Ion Ratio Lower Upper
45 100
43 57.9 45.0 67.6
87 28.6 22.2 33.4
59 12.1 9.1 13.7

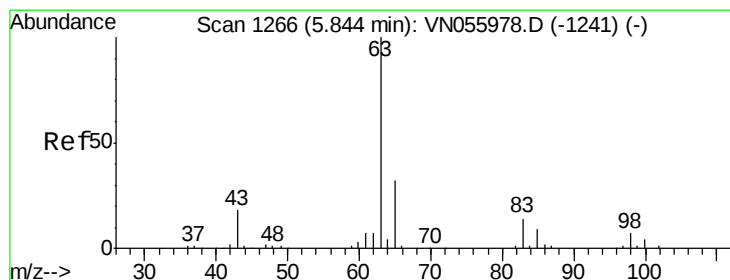
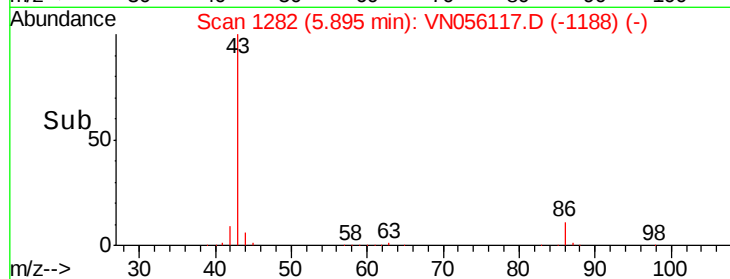
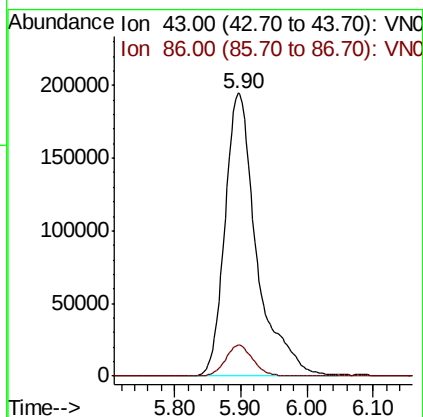
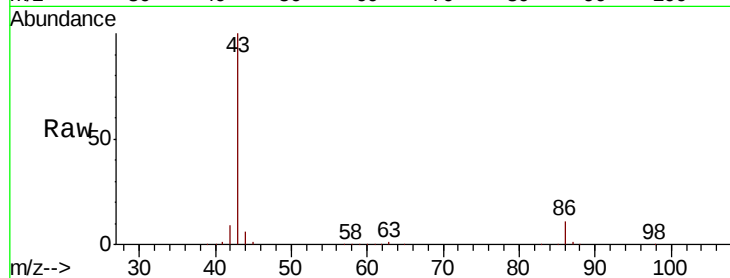




#23
 Vinyl Acetate
 Concen: 103.017 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056117.D
 Acq: 7 Jun 2019 23:06

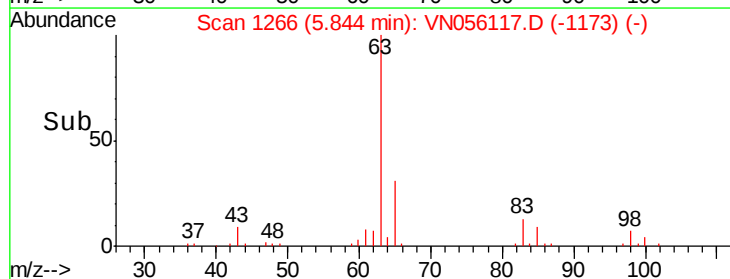
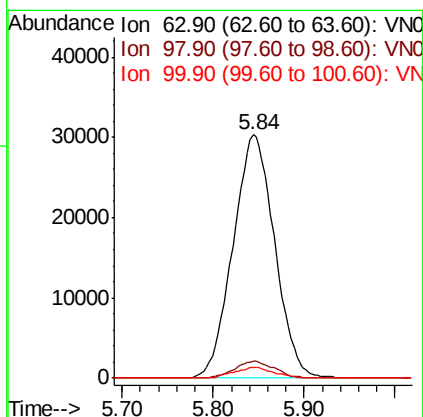
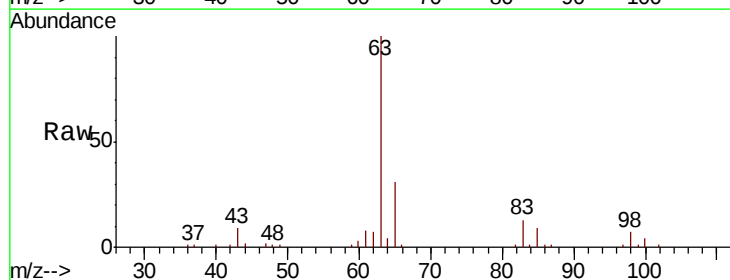
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS03

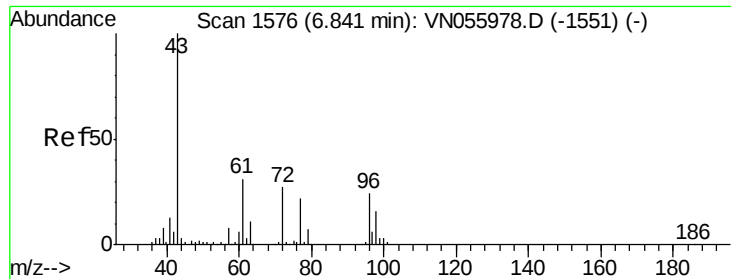
Tot Ion: 43 Resp: 647957
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 20.848 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN056117.D
 Acq: 7 Jun 2019 23:06

Tgt Ion: 63 Resp: 96049
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 4.4 2.2 6.6





#25

2-Butanone

Concen: 104.567 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

Instrument :

MSVOA_N

ClientSampled :

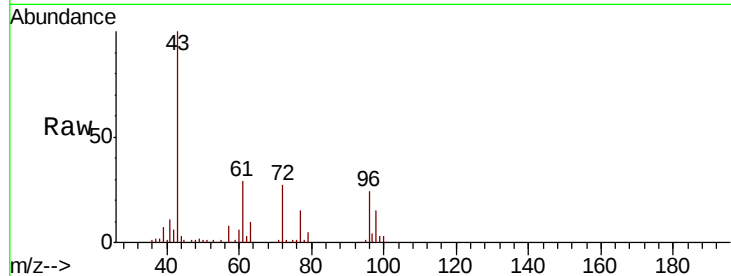
VN0608WBS03

Tot Ion: 43 Resp: 182873

Ion Ratio Lower Upper

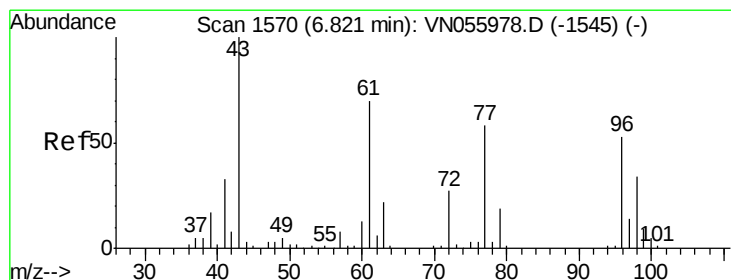
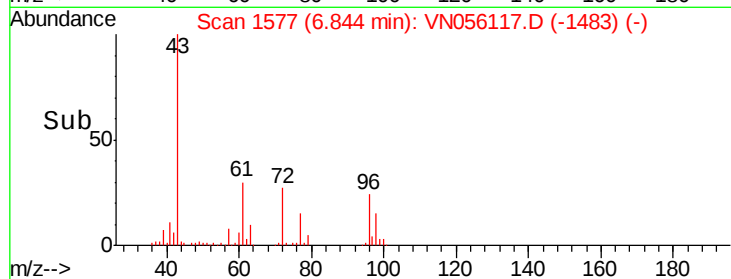
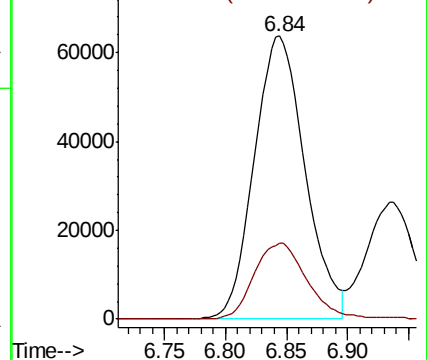
43 100

72 26.8 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 14.229 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN056117.D

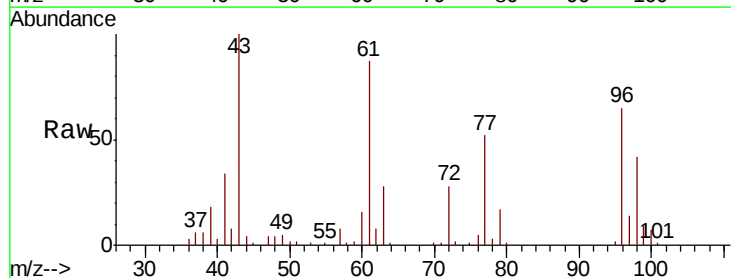
Acq: 7 Jun 2019 23:06

Tgt Ion: 77 Resp: 51153

Ion Ratio Lower Upper

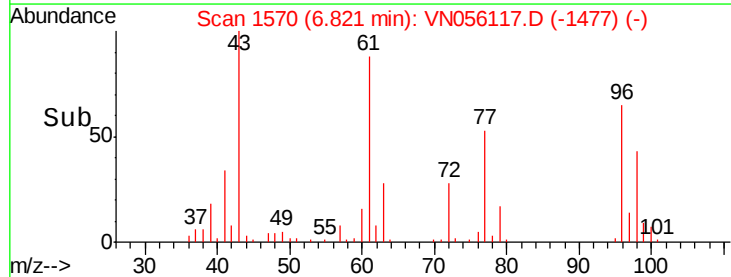
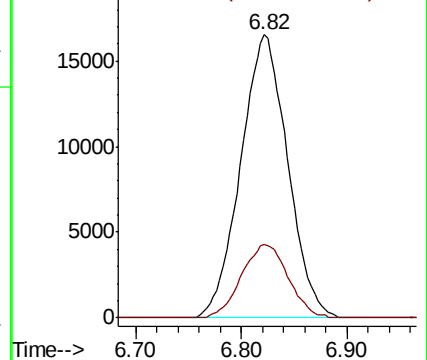
77 100

97 25.7 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 20.566 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS03

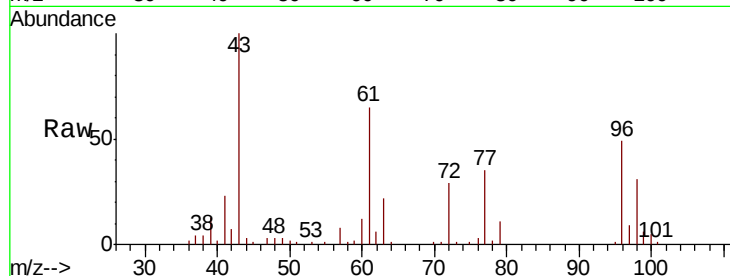
Tot Ion: 96 Resp: 63380

Ion Ratio Lower Upper

96 100

61 130.6 0.0 275.8

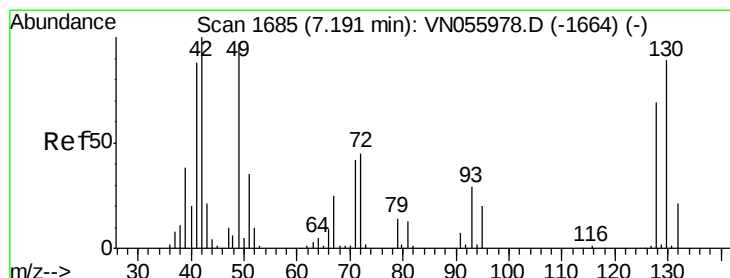
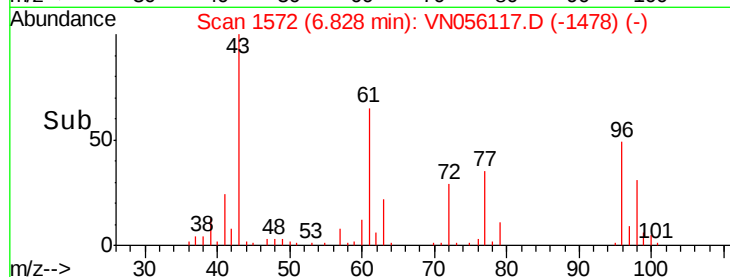
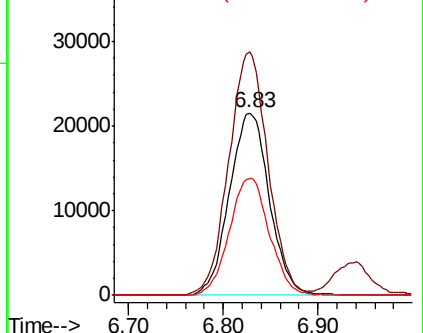
98 64.0 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 21.038 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

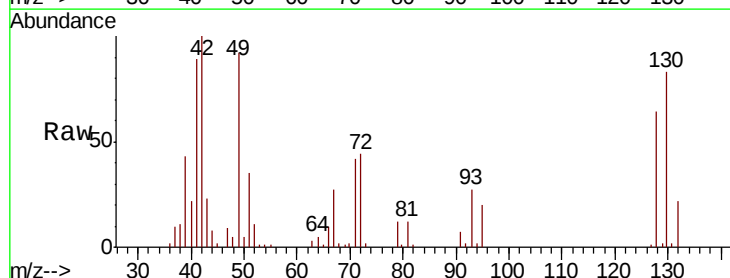
Tgt Ion: 49 Resp: 45837

Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.4

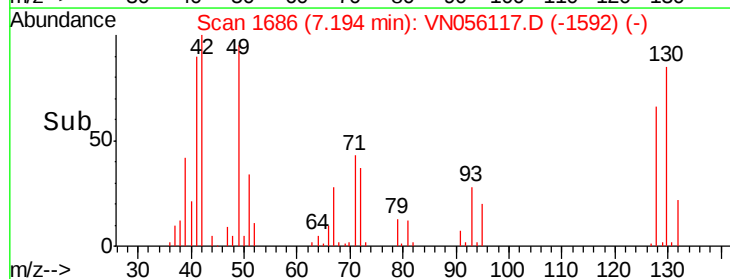
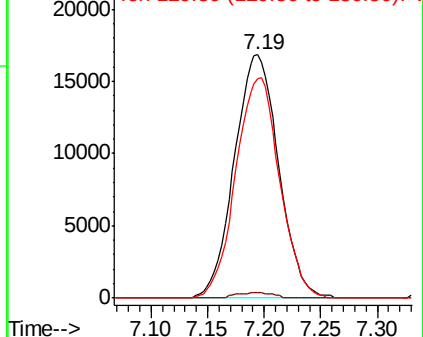
130 89.6 71.2 106.8

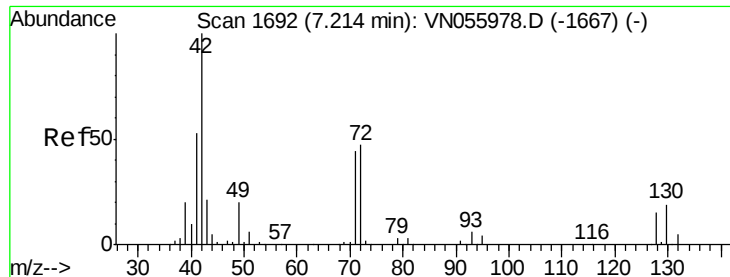


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

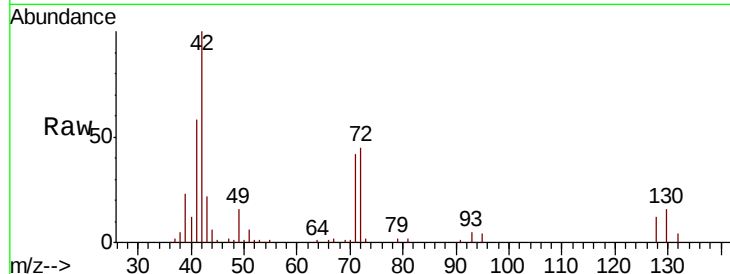




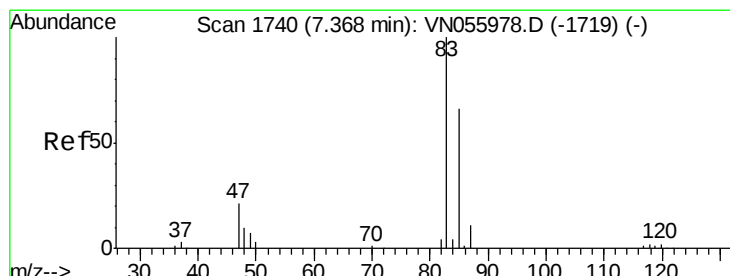
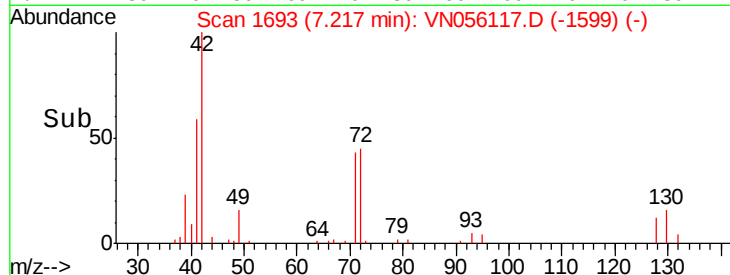
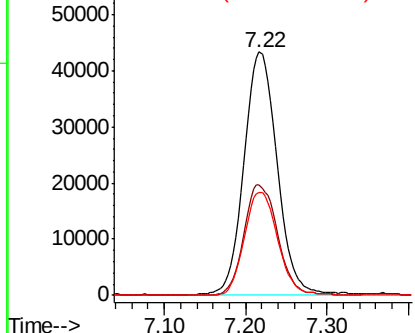
#29
Tetrahydrofuran
Concen: 113.176 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056117.D
Acq: 7 Jun 2019 23:06

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS03

Tot Ion: 42 Resp: 122347
Ion Ratio Lower Upper
42 100
72 45.9 35.9 53.9
71 42.6 34.0 51.0

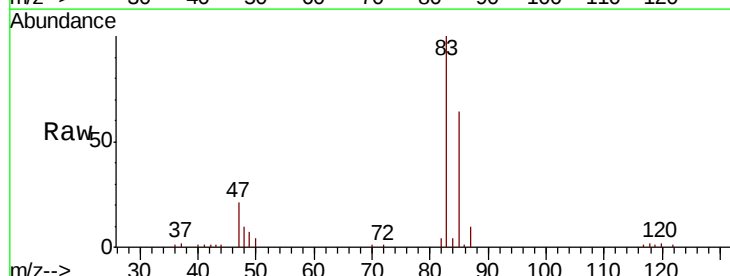


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

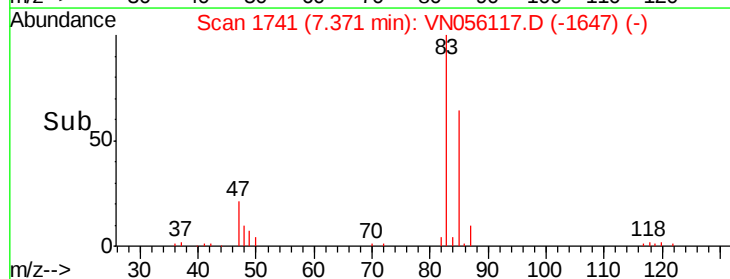
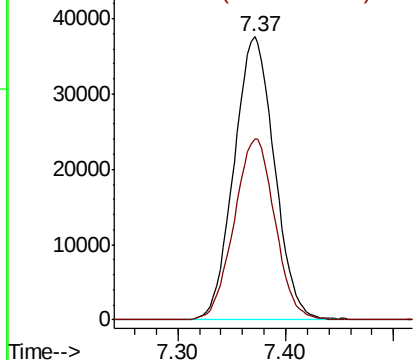


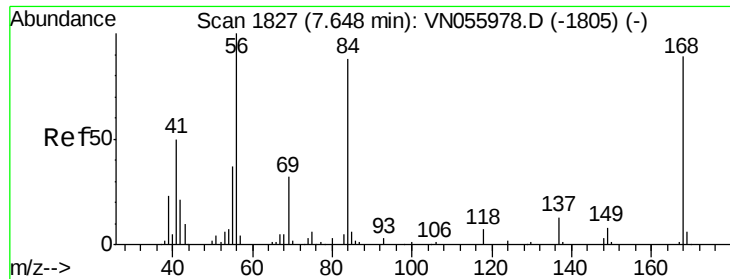
#30
Chloroform
Concen: 21.143 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056117.D
Acq: 7 Jun 2019 23:06

Tgt Ion: 83 Resp: 97994
Ion Ratio Lower Upper
83 100
85 63.8 51.8 77.8



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

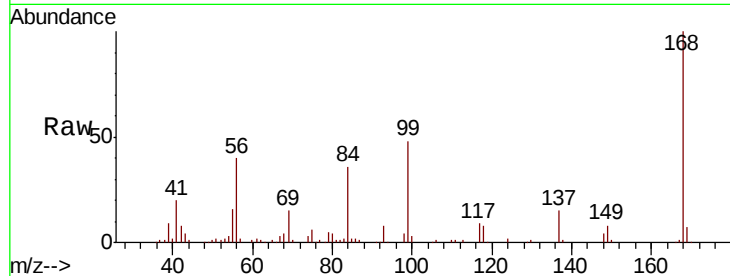




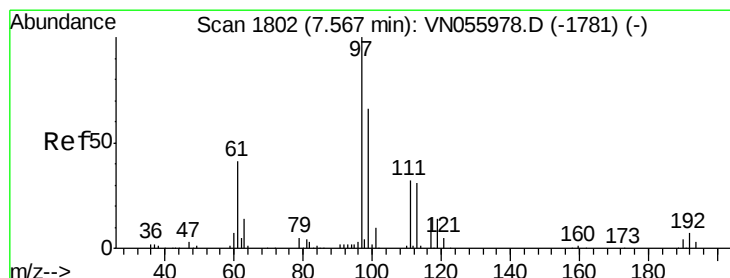
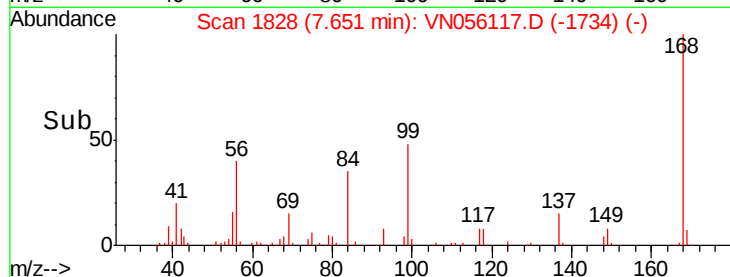
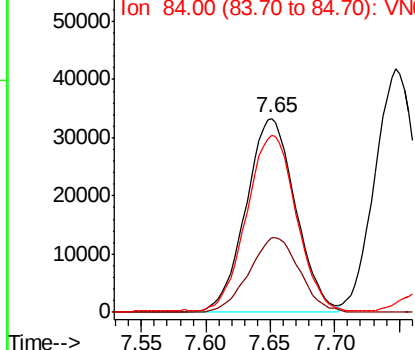
#31
Cyclohexane
Concen: 19.465 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056117.D
Acq: 7 Jun 2019 23:06

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS03

Tot Ion: 56 Resp: 89392
Ion Ratio Lower Upper
56 100
69 38.1 25.6 38.4
84 89.7 67.4 101.0

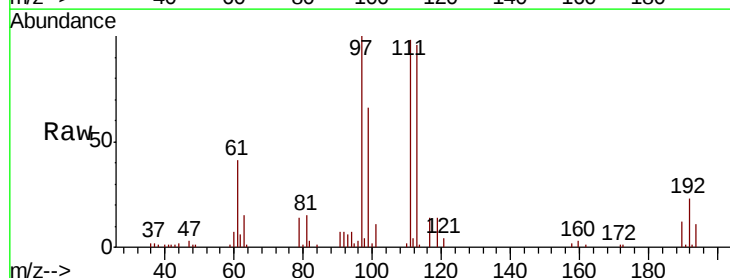


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

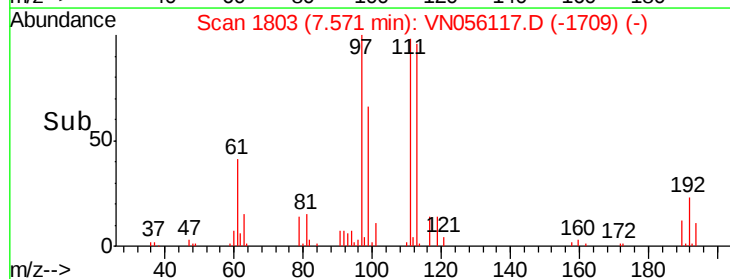
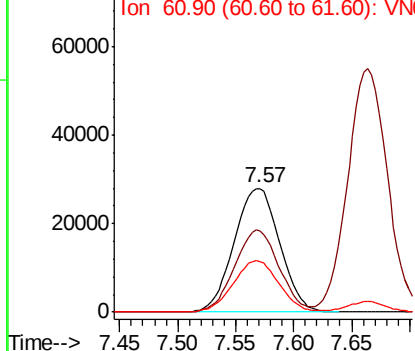


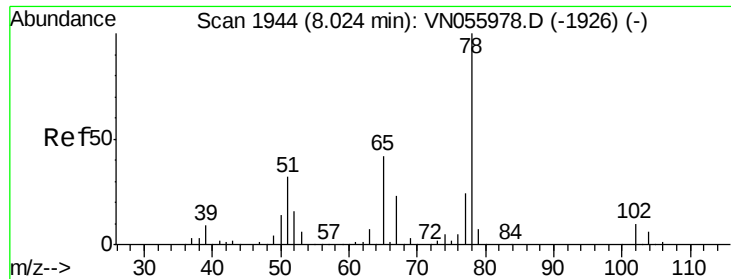
#32
1,1,1-Trichloroethane
Concen: 19.770 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN056117.D
Acq: 7 Jun 2019 23:06

Tgt Ion: 97 Resp: 76514
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 41.5 32.9 49.3



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

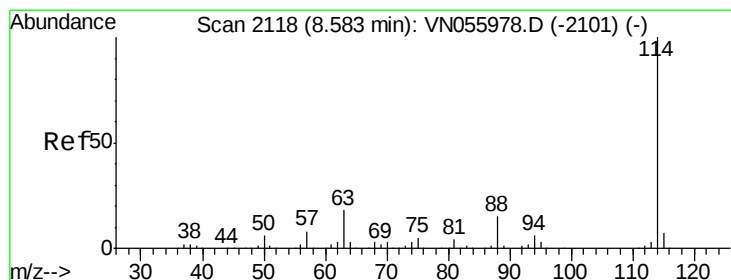
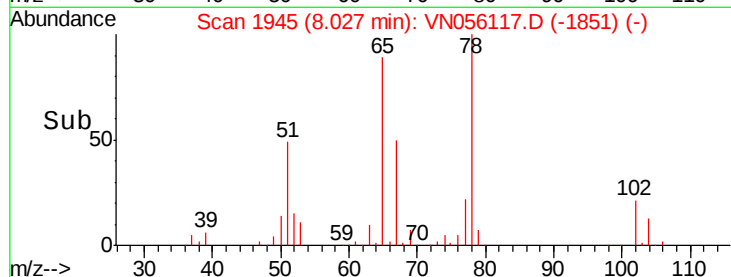
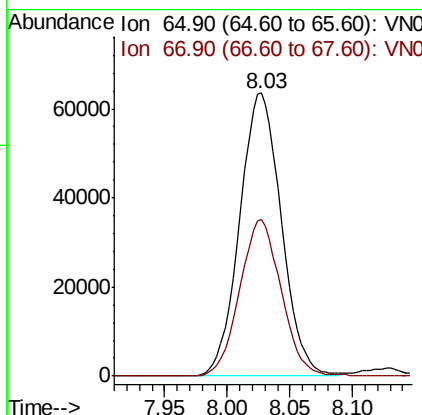
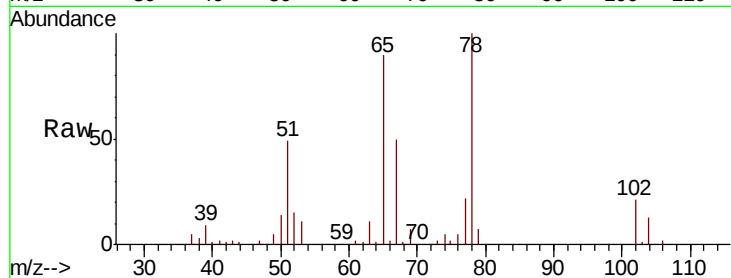




#33
 1,2-Dichloroethane-d4
 Concen: 50.688 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056117.D
 Acq: 7 Jun 2019 23:06

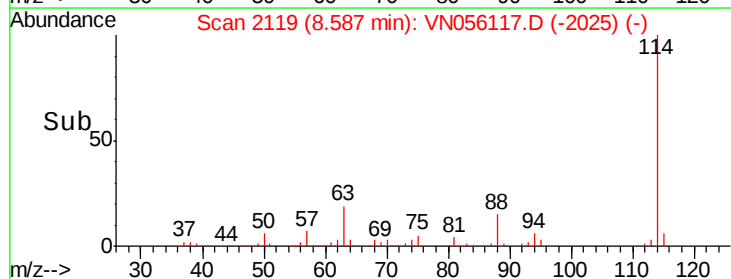
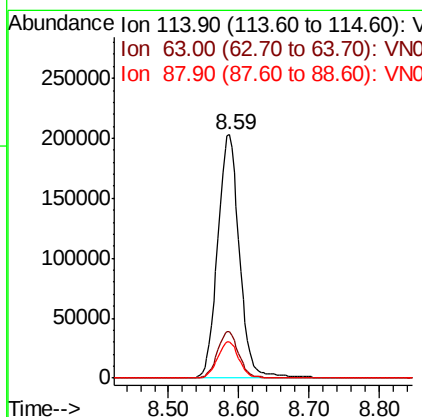
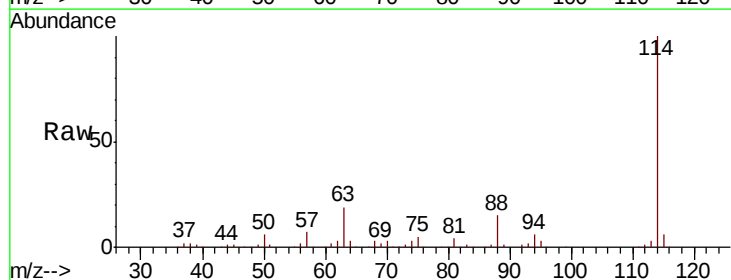
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS03

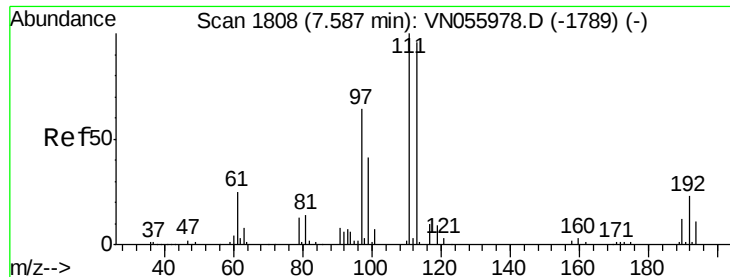
Tot Ion: 65 Resp: 146698
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056117.D
 Acq: 7 Jun 2019 23:06

Tgt Ion: 114 Resp: 436968
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.2
 88 14.8 0.0 31.0

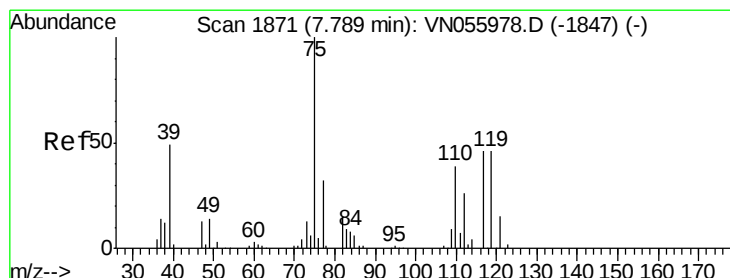
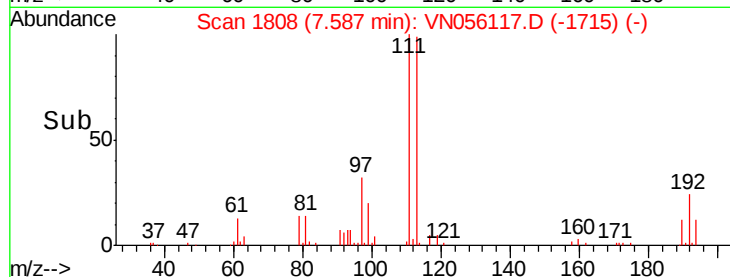
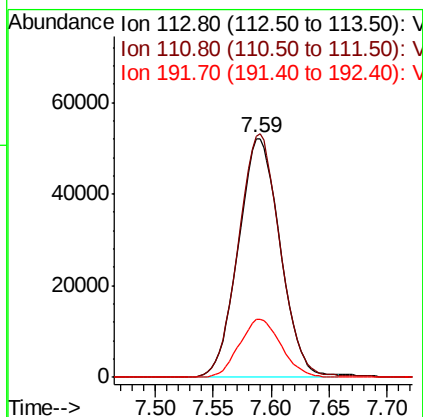
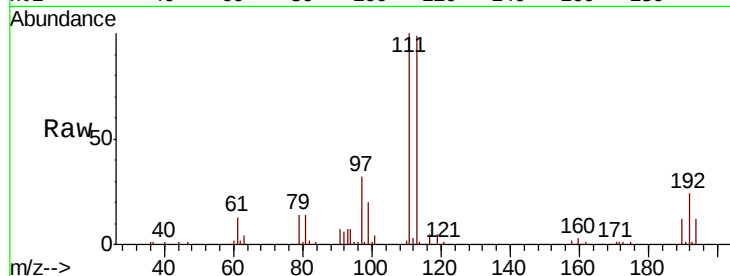




#35
 Dibromofluoromethane
 Concen: 48.898 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: VN056117.D
 Acq: 7 Jun 2019 23:06

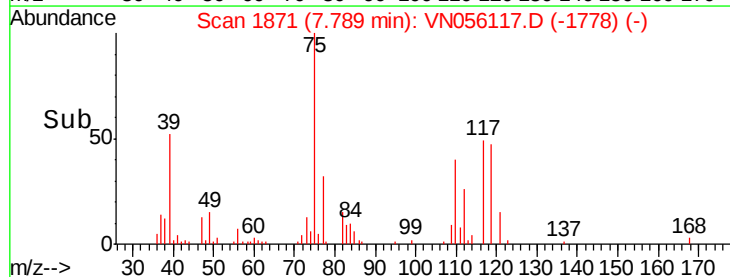
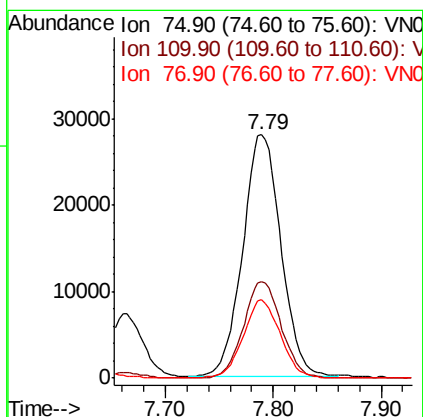
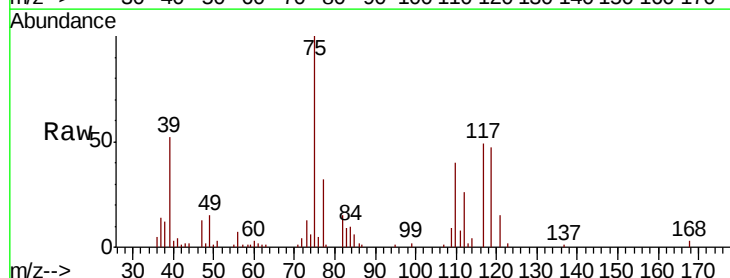
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS03

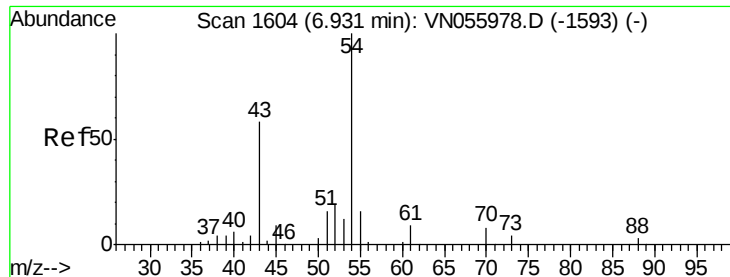
Tot Ion:113 Resp: 131093
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.9 122.9
 192 24.2 19.5 29.3



#36
 1,1-Dichloropropene
 Concen: 18.371 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056117.D
 Acq: 7 Jun 2019 23:06

Tgt Ion: 75 Resp: 69024
 Ion Ratio Lower Upper
 75 100
 110 39.3 19.0 57.0
 77 31.1 25.1 37.7

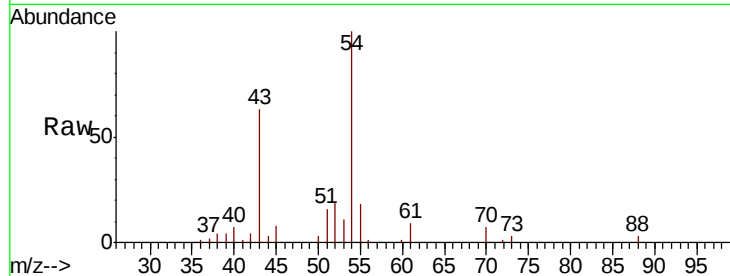




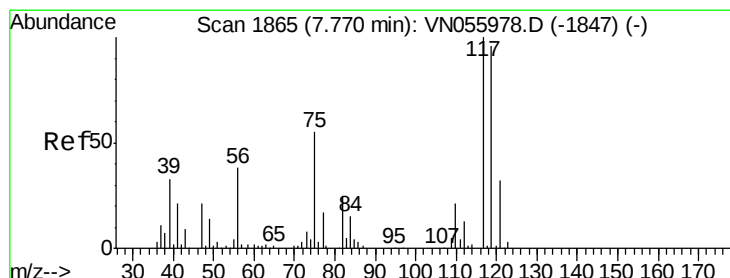
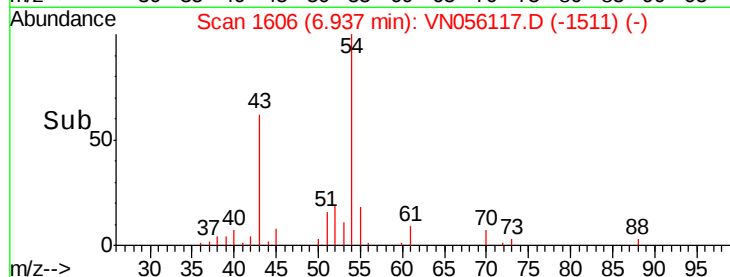
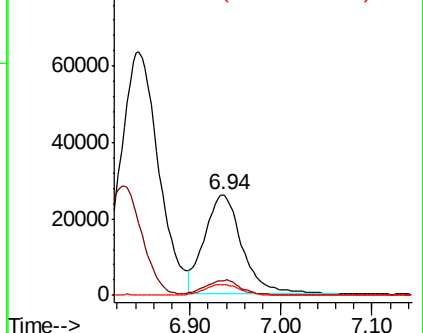
#37
Ethyl Acetate
Concen: 22.432 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VN056117.D
Acq: 7 Jun 2019 23:06

Instrument :
MSVOA_N
ClientSampled :
VN0608WBS03

Tot Ion: 43 Resp: 74993
Ion Ratio Lower Upper
43 100
61 14.8 12.2 18.2
70 10.3 8.9 13.3

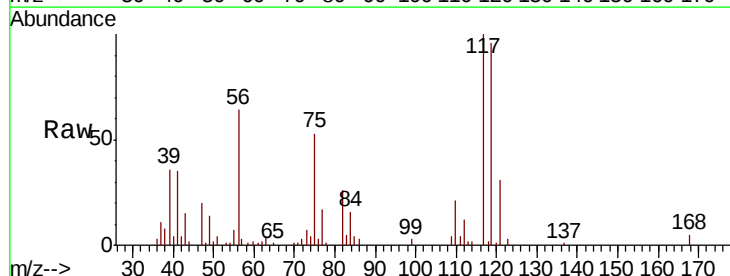


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

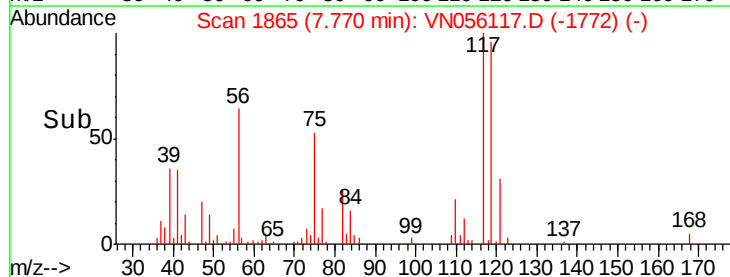
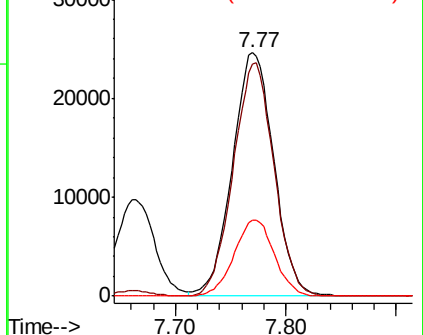


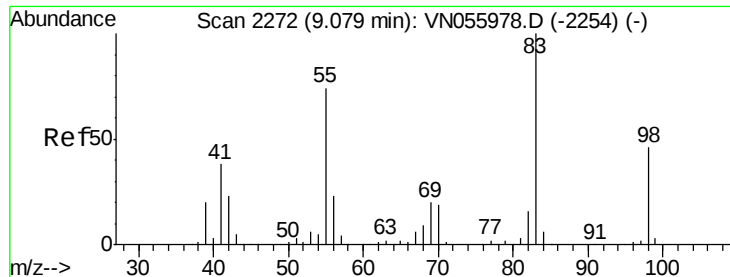
#38
Carbon Tetrachloride
Concen: 18.491 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056117.D
Acq: 7 Jun 2019 23:06

Tgt Ion: 117 Resp: 64053
Ion Ratio Lower Upper
117 100
119 95.5 79.0 118.6
121 31.0 24.7 37.1



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

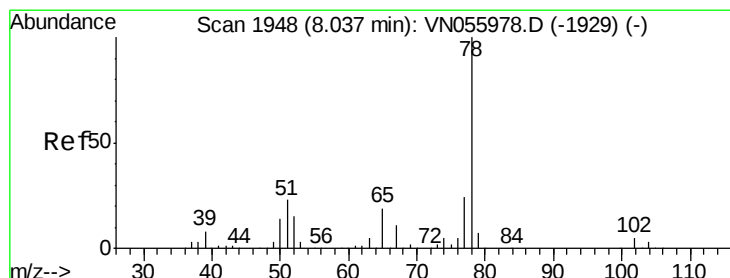
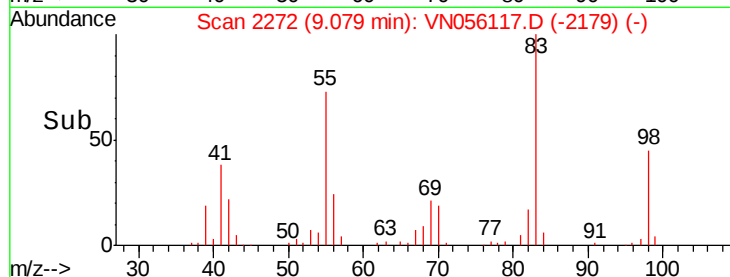
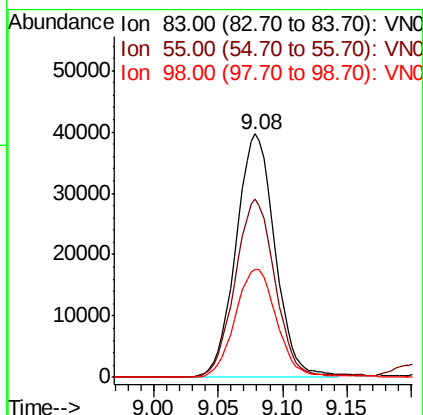
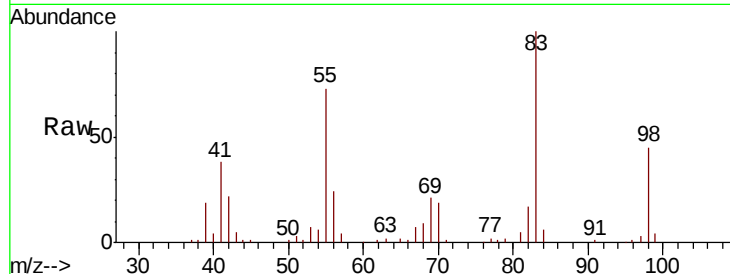




#39
Methvlcvclohexane
Concen: 17.889 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056117.D
Acq: 7 Jun 2019 23:06

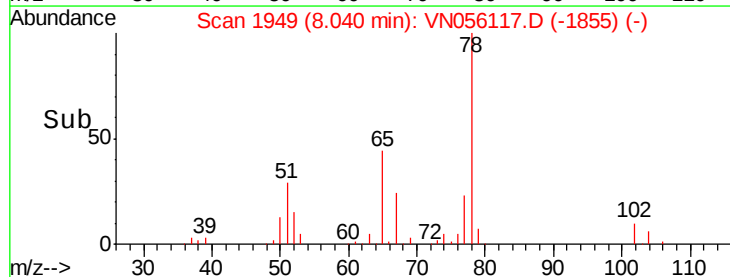
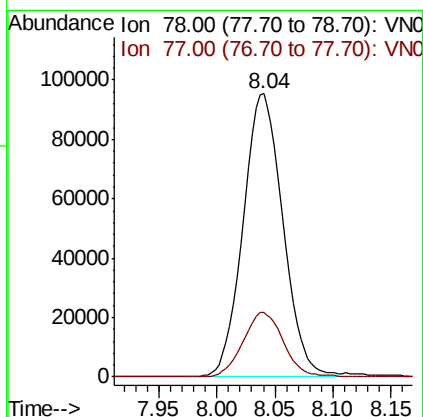
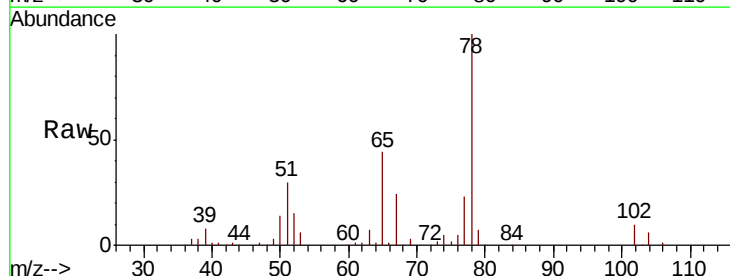
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS03

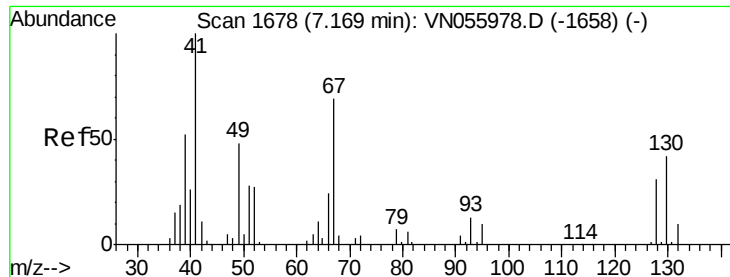
Tot Ion: 83 Resp: 83728
Ion Ratio Lower Upper
83 100
55 73.0 59.3 88.9
98 44.6 36.6 54.8



#40
Benzene
Concen: 19.987 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056117.D
Acq: 7 Jun 2019 23:06

Tgt Ion: 78 Resp: 228083
Ion Ratio Lower Upper
78 100
77 22.9 18.8 28.2

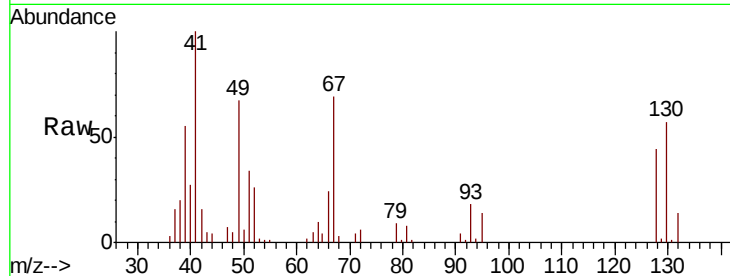




#41
Methacrylonitrile
Concen: 21.622 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.01 min
Lab File: VN056117.D
Acq: 7 Jun 2019 23:06

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS03

Tot Ion:	41	Resp:	33258
Ion	Ratio	Lower	Upper
41	100		
39	58.1	45.6	68.4
67	91.4	67.7	101.5
52	36.1	26.6	40.0



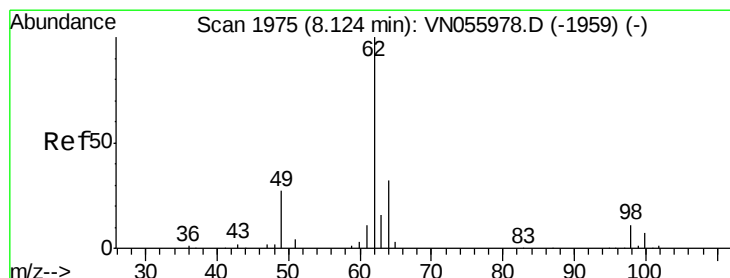
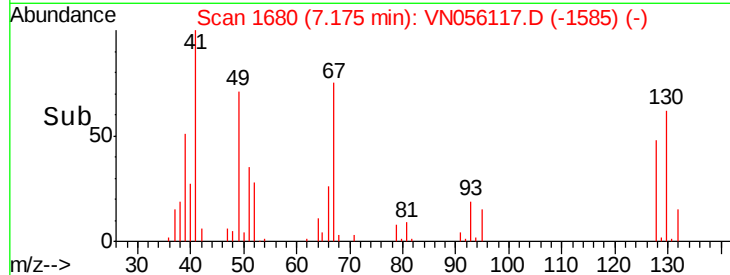
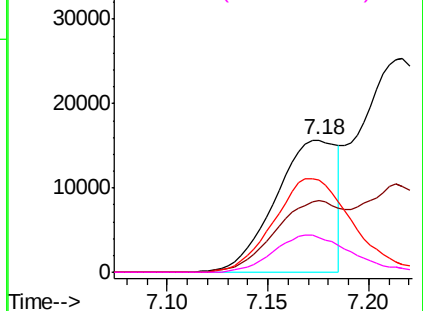
Abundance

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

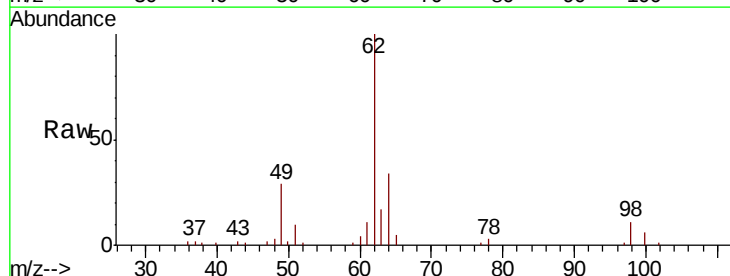
Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42
1,2-Dichloroethane
Concen: 19.909 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056117.D
Acq: 7 Jun 2019 23:06

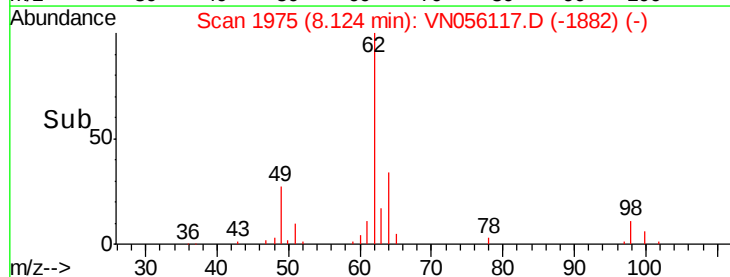
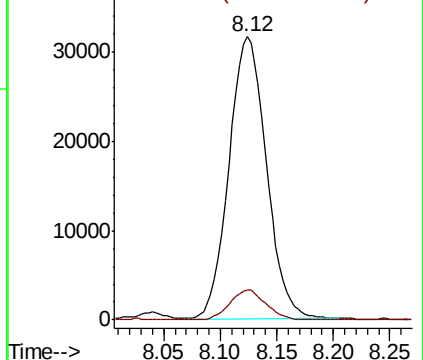
Tgt Ion:	62	Resp:	73082
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2

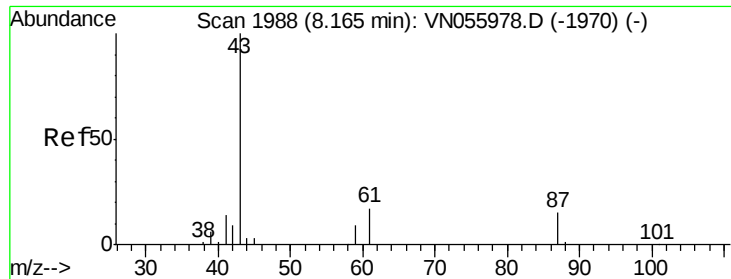


Abundance

Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 20.138 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS03

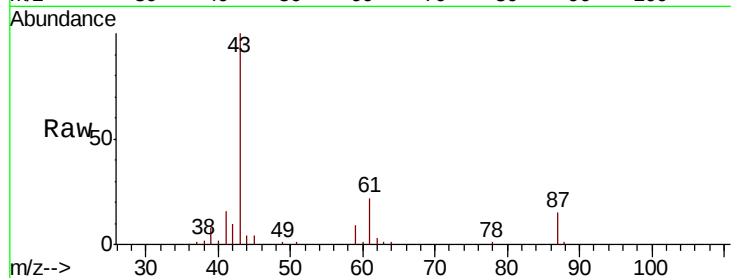
Tot Ion: 43 Resp: 109096

Ion Ratio Lower Upper

43 100

61 22.8 22.2 33.4

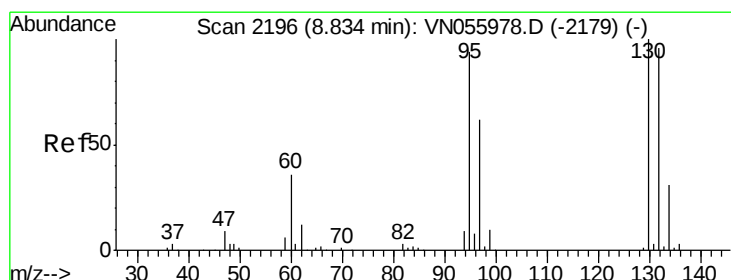
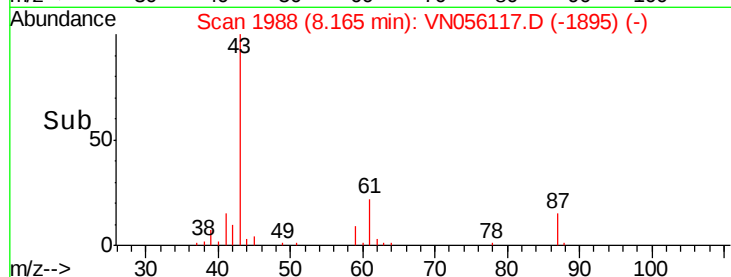
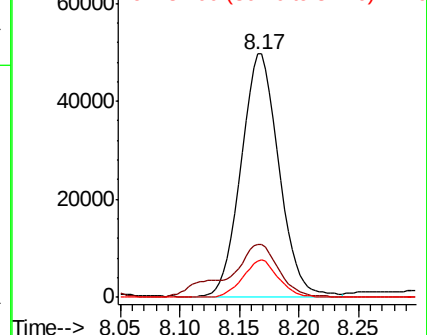
87 14.4 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 19.281 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056117.D

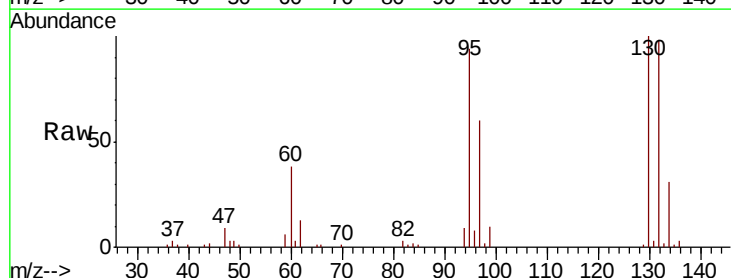
Acq: 7 Jun 2019 23:06

Tgt Ion:130 Resp: 63226

Ion Ratio Lower Upper

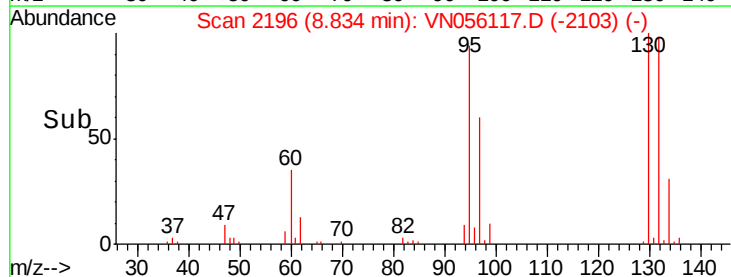
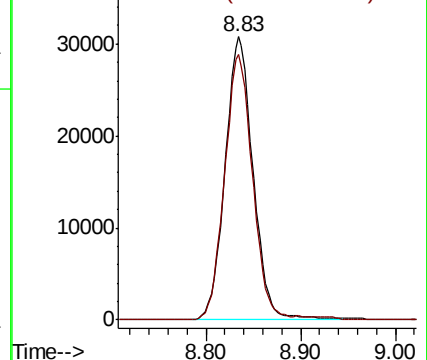
130 100

95 93.7 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 20.692 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

Instrument :

MSVOA_N

ClientSampleId :

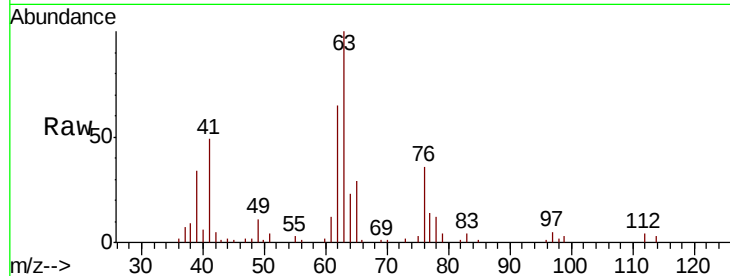
VN0608WBS03

Tot Ion: 63 Resp: 60484

Ion Ratio Lower Upper

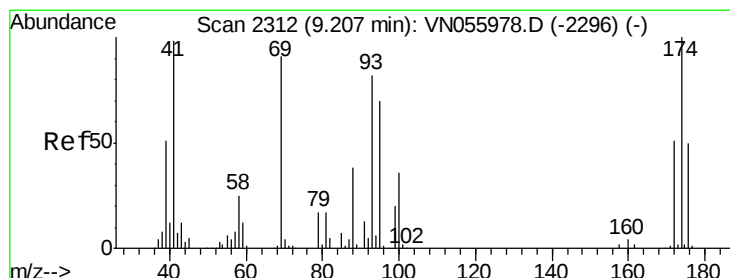
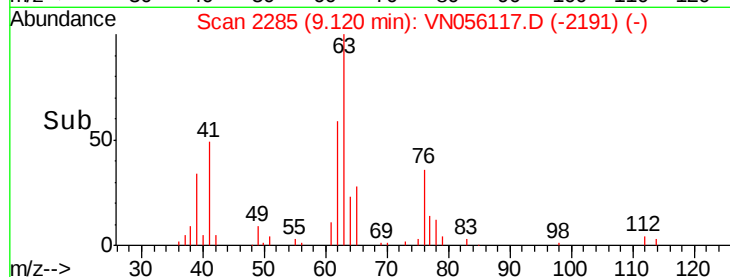
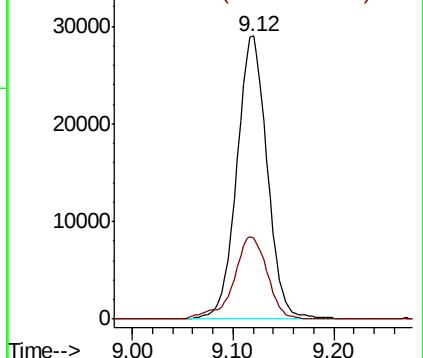
63 100

65 28.7 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.529 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

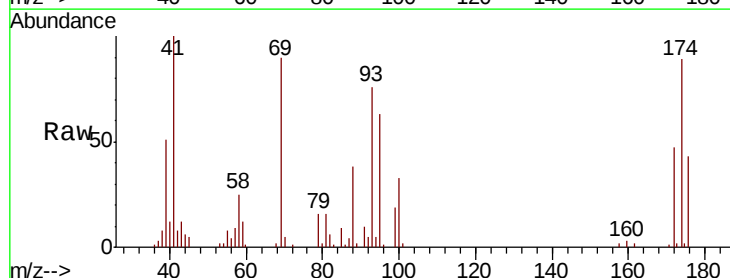
Tgt Ion: 93 Resp: 39240

Ion Ratio Lower Upper

93 100

95 83.8 66.7 100.1

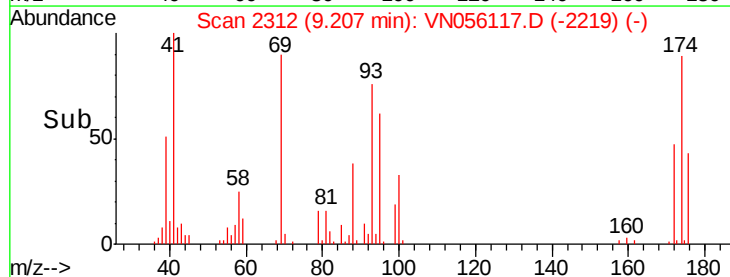
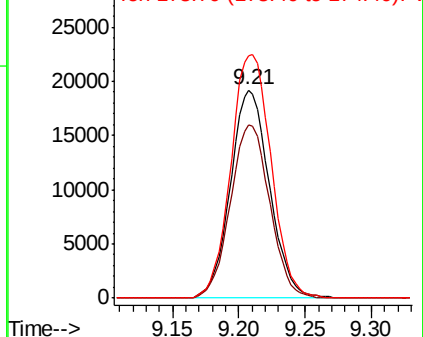
174 120.7 96.4 144.6



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: 18.882 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS03

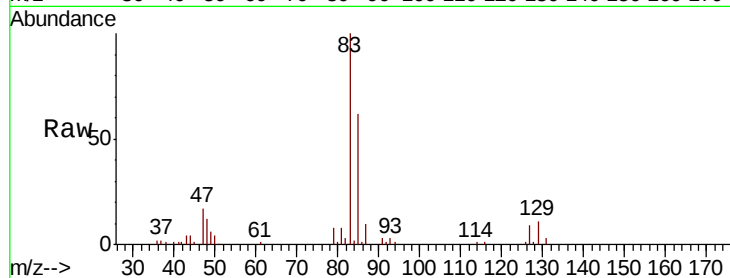
Tot Ion: 83 Resp: 65414

Ion Ratio Lower Upper

83 100

85 61.6 52.2 78.2

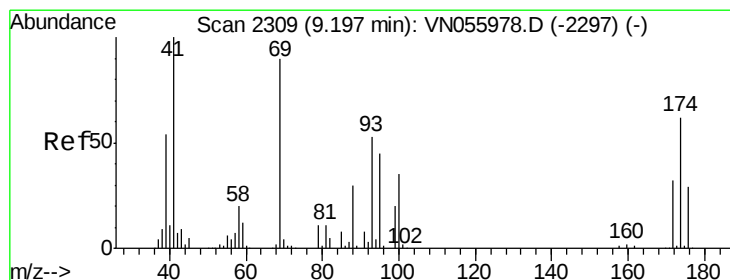
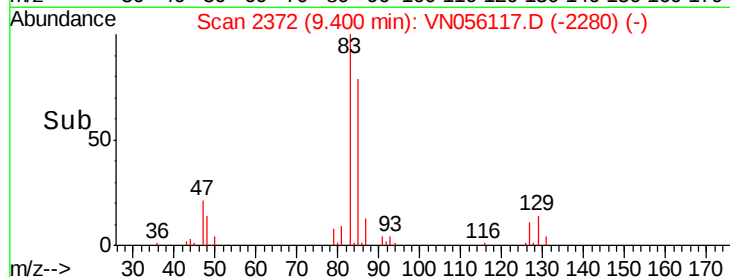
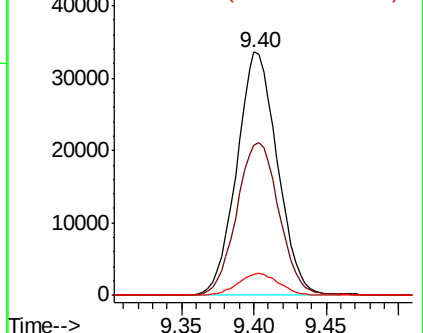
127 8.8 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN055978.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN055978.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN055978.D (-2356) (-)



#48

Methyl methacrylate

Concen: 20.998 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

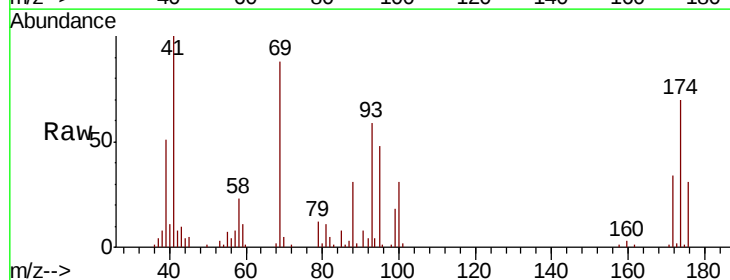
Tgt Ion: 41 Resp: 55653

Ion Ratio Lower Upper

41 100

69 91.1 71.0 106.6

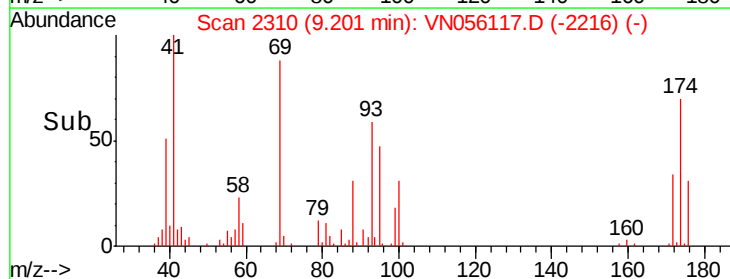
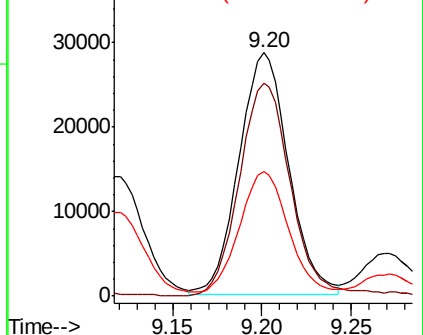
39 51.3 44.2 66.2

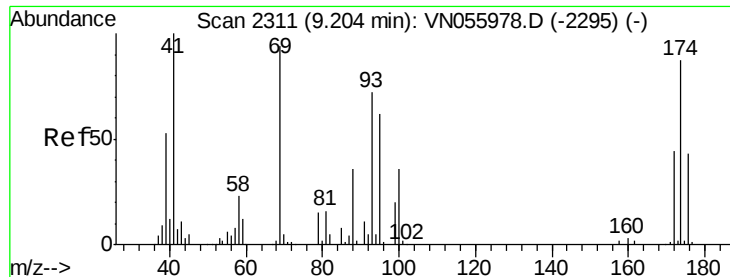


Abundance Ion 41.00 (40.70 to 41.70): VN055978.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN055978.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN055978.D (-2297) (-)





#49

1,4-Dioxane

Concen: 431.213 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS03

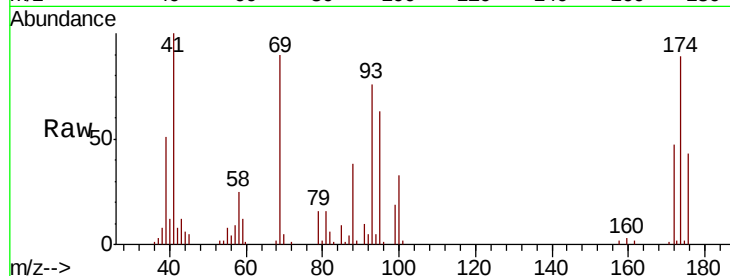
Tot Ion: 88 Resp: 24673

Ion Ratio Lower Upper

88 100

43 23.7 20.5 30.7

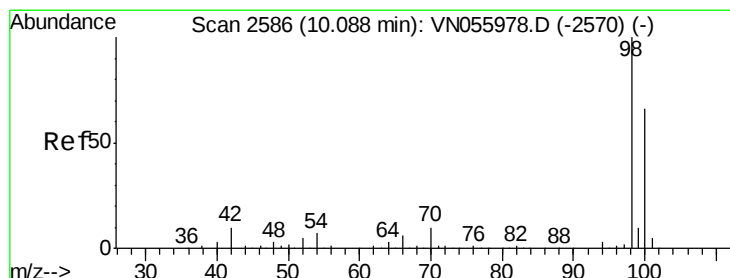
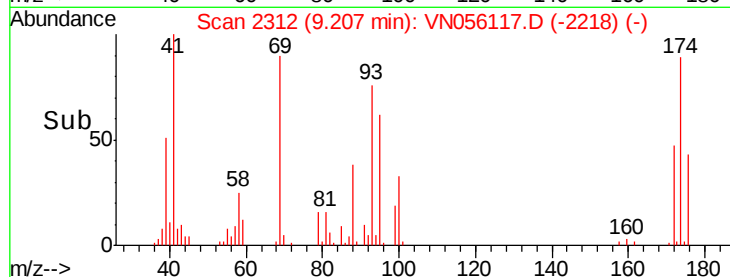
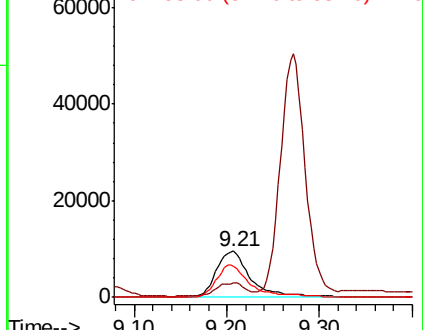
58 65.5 55.8 83.6



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 48.255 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056117.D

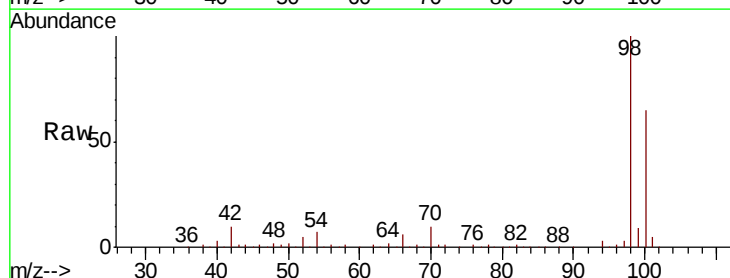
Acq: 7 Jun 2019 23:06

Tgt Ion: 98 Resp: 497815

Ion Ratio Lower Upper

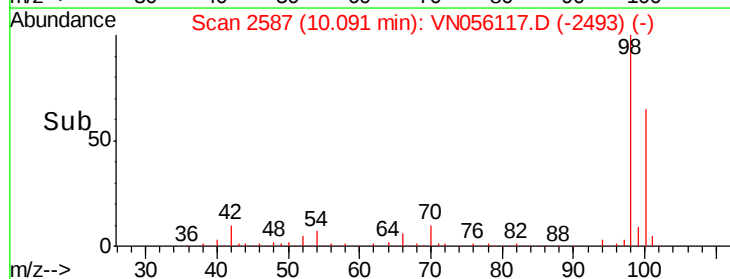
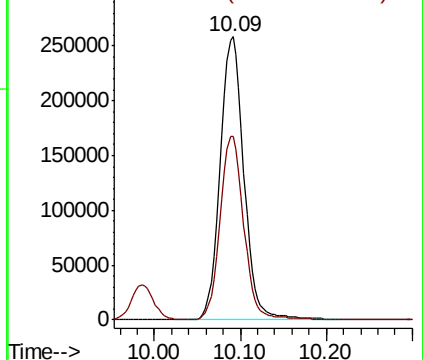
98 100

100 64.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 107.607 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

Instrument :

MSVOA_N

ClientSampleId :

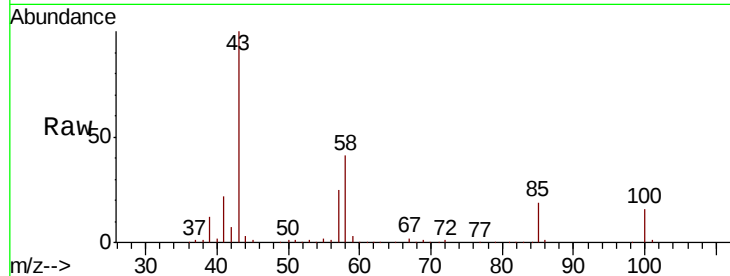
VN0608WBS03

Tot Ion: 43 Resp: 364548

Ion Ratio Lower Upper

43 100

58 40.5 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-2538) (-)

9.99

200000

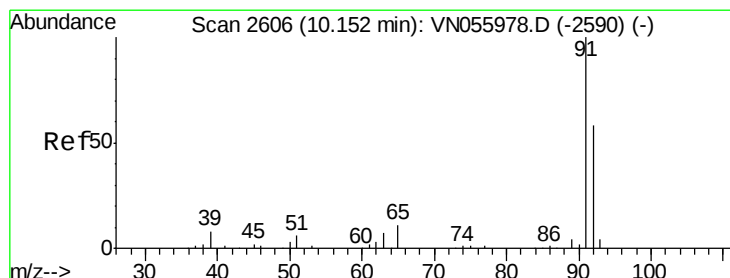
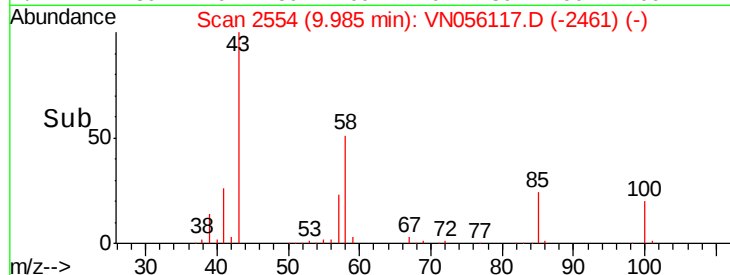
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.146 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056117.D

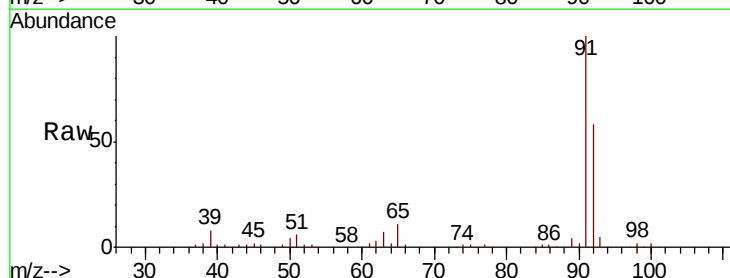
Acq: 7 Jun 2019 23:06

Tgt Ion: 92 Resp: 143057

Ion Ratio Lower Upper

92 100

91 173.5 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN055978.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN055978.D (-2590) (-)

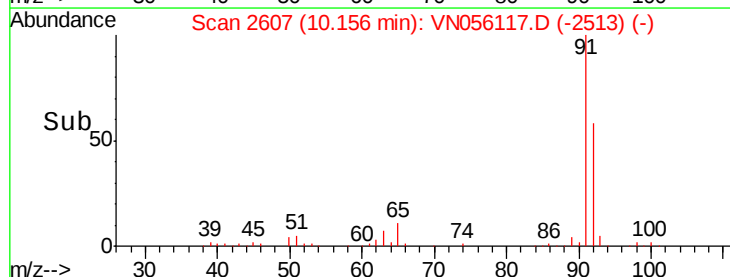
150000

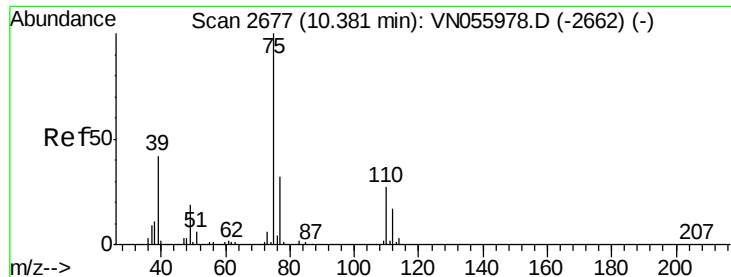
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 16.903 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

Instrument :

MSVOA_N

ClientSampleId :

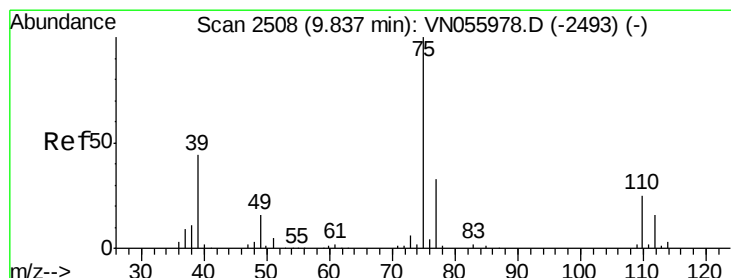
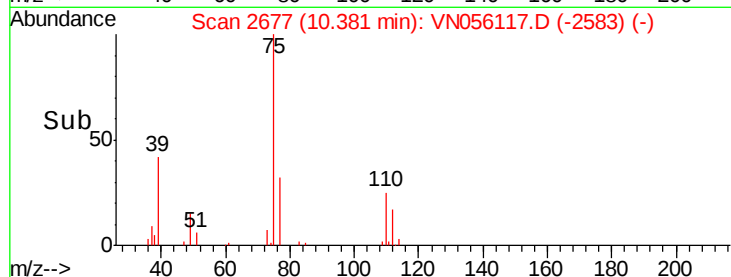
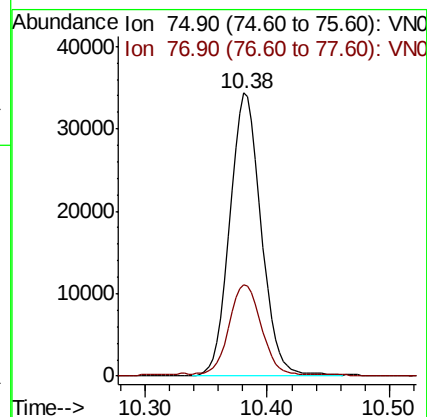
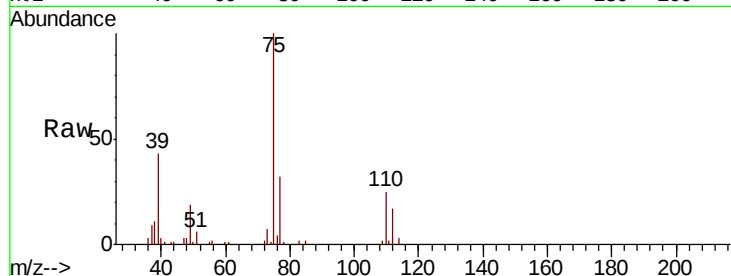
VN0608WBS03

Tot Ion: 75 Resp: 61884

Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 18.296 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

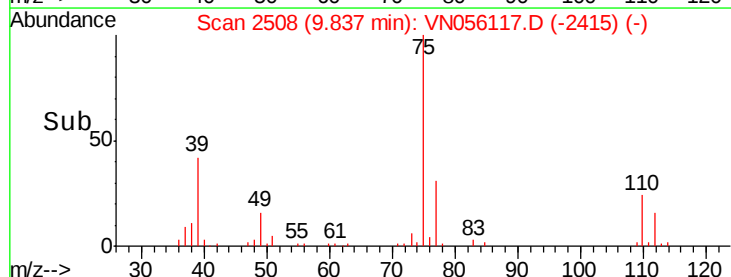
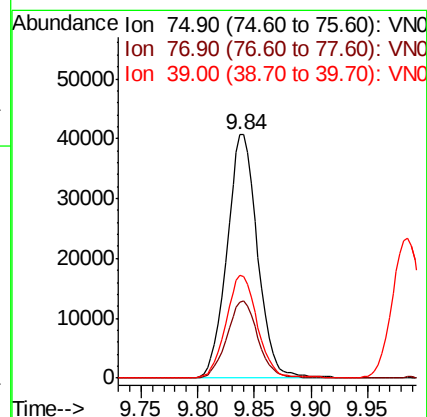
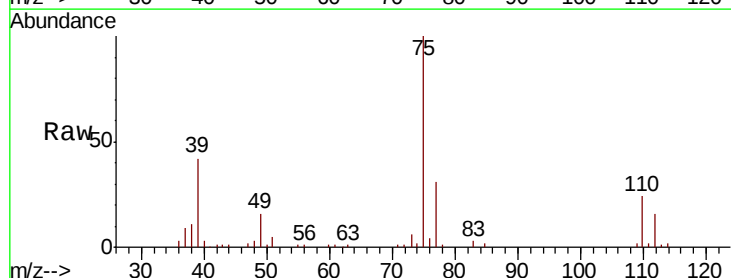
Tgt Ion: 75 Resp: 76190

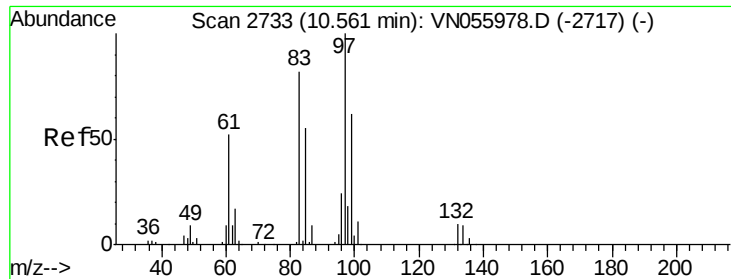
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

39 42.0 36.3 54.5





#55

1,1,2-Trichloroethane

Concen: 20.475 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS03

Tot Ion: 97 Resp: 57593

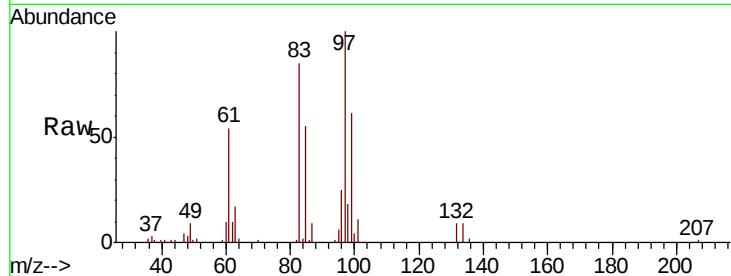
Ion Ratio Lower Upper

97 100

83 85.3 67.0 100.6

85 55.2 44.0 66.0

99 61.4 50.6 75.8

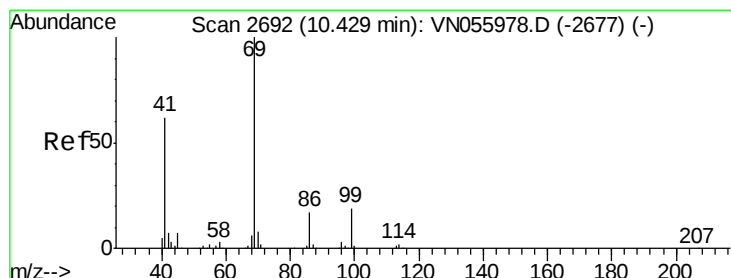
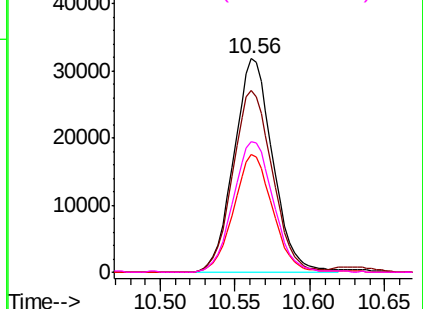
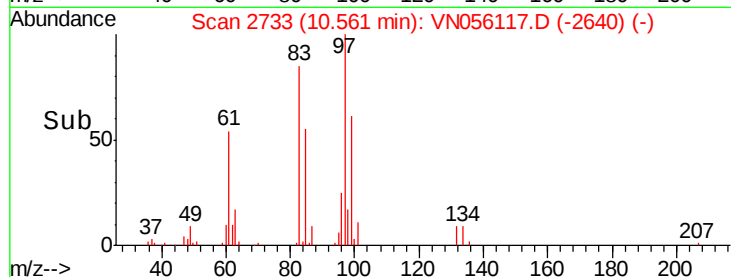


Abundance Ion 96.90 (96.60 to 97.60): VNO

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: 20.228 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

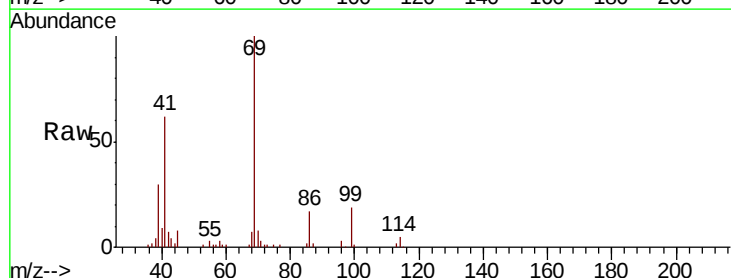
Tgt Ion: 69 Resp: 83007

Ion Ratio Lower Upper

69 100

41 60.2 49.7 74.5

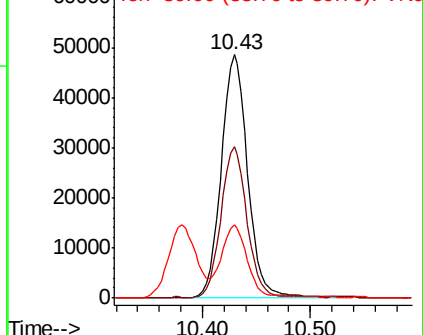
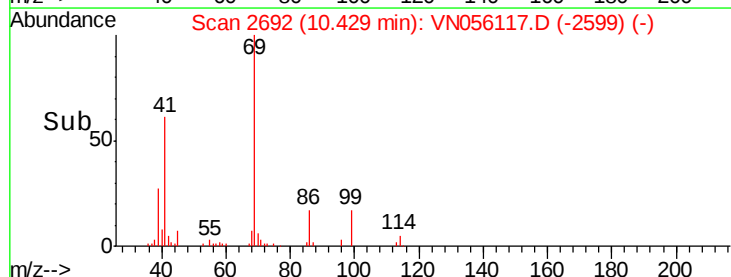
39 29.2 24.7 37.1

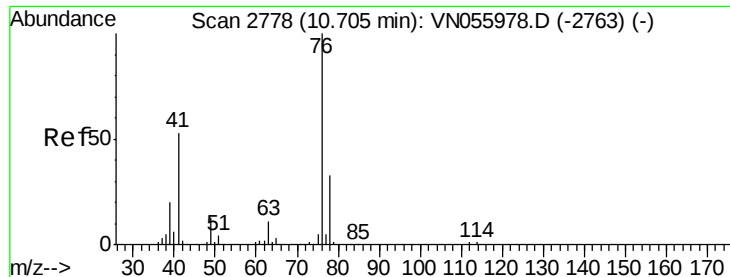


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

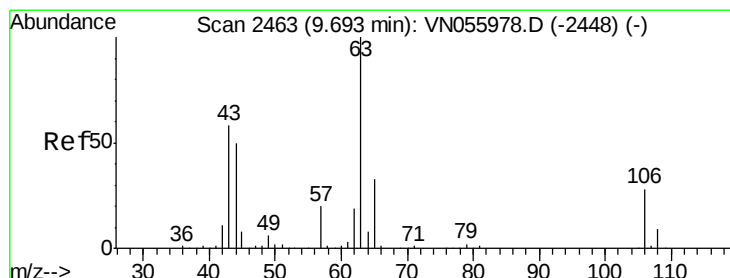
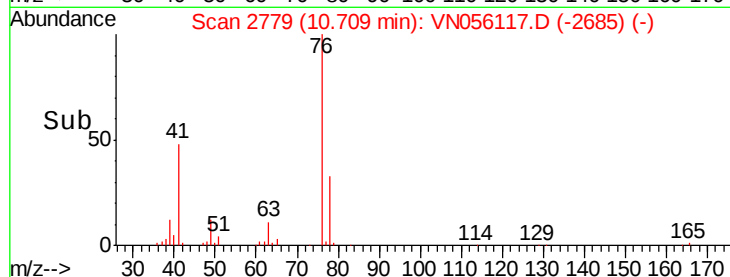
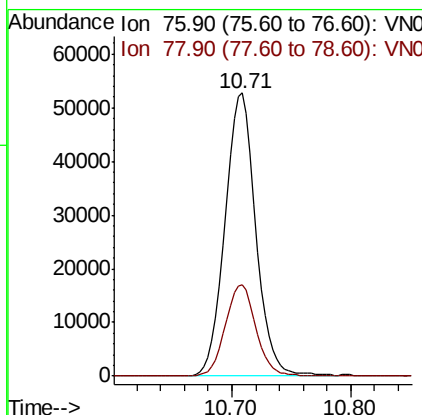
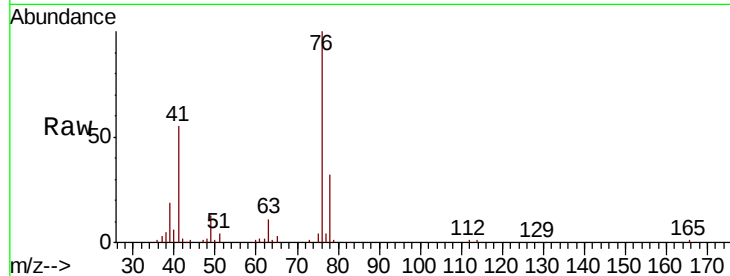




#57
 1,3-Dichloropropane
 Concen: 20.679 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN056117.D
 Acq: 7 Jun 2019 23:06

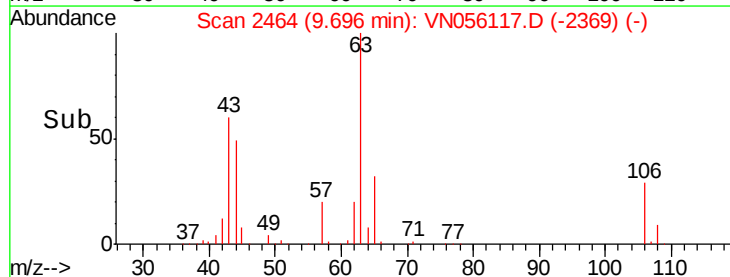
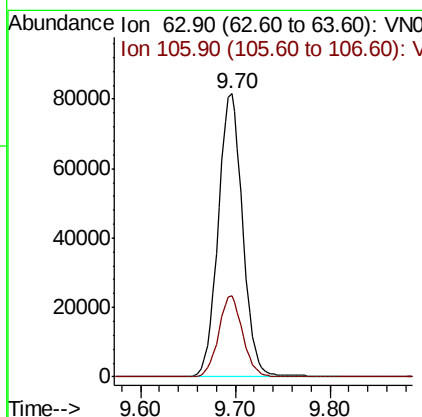
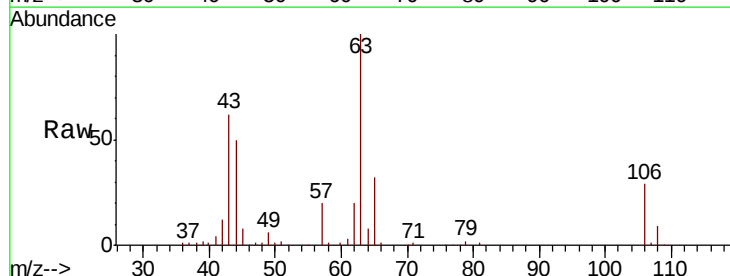
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS03

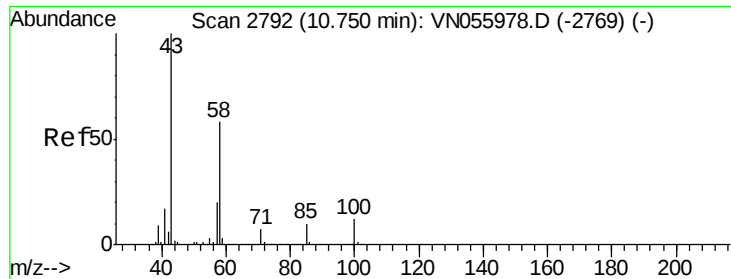
Tot Ion: 76 Resp: 94557
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.512 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN056117.D
 Acq: 7 Jun 2019 23:06

Tgt Ion: 63 Resp: 146421
 Ion Ratio Lower Upper
 63 100
 106 28.0 22.7 34.1

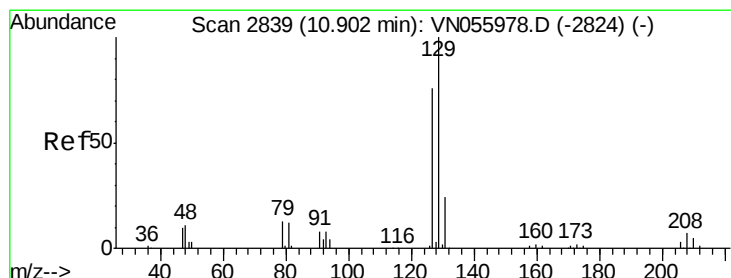
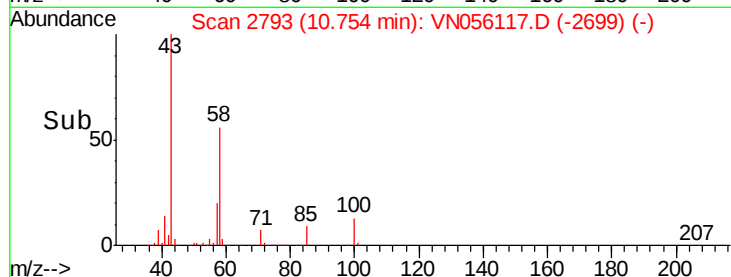
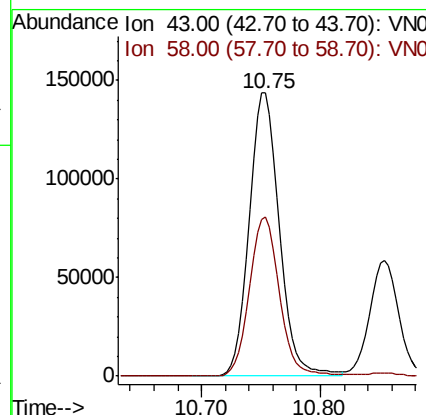
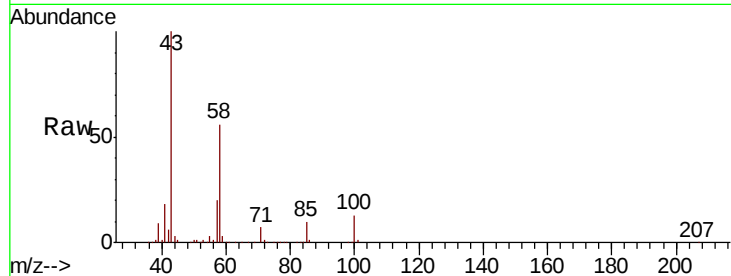




#59
2-Hexanone
Concen: 102.846 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056117.D
Acq: 7 Jun 2019 23:06

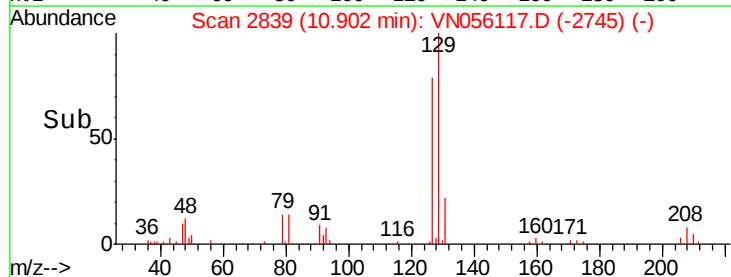
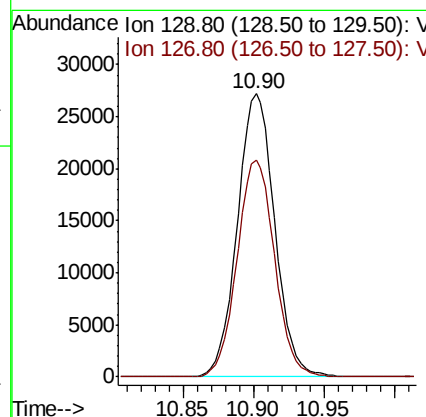
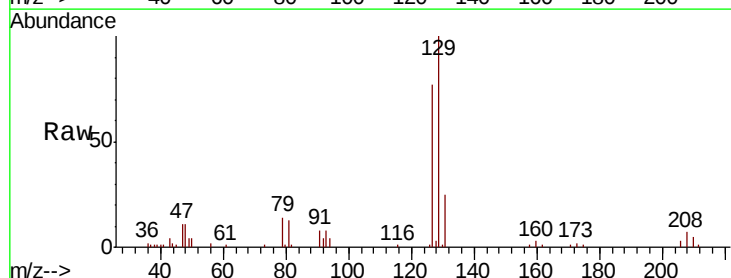
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS03

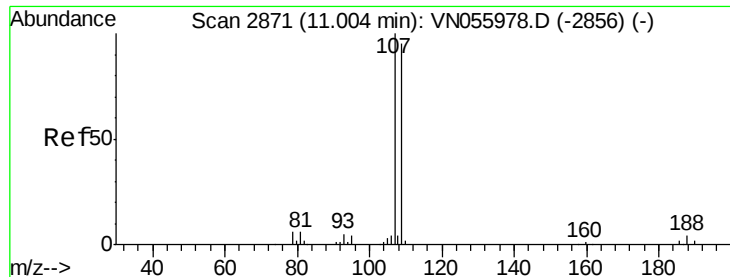
Tot Ion: 43 Resp: 252526
Ion Ratio Lower Upper
43 100
58 55.9 28.2 84.7



#60
Dibromochloromethane
Concen: 17.916 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056117.D
Acq: 7 Jun 2019 23:06

Tgt Ion: 129 Resp: 50450
Ion Ratio Lower Upper
129 100
127 76.8 38.1 114.3

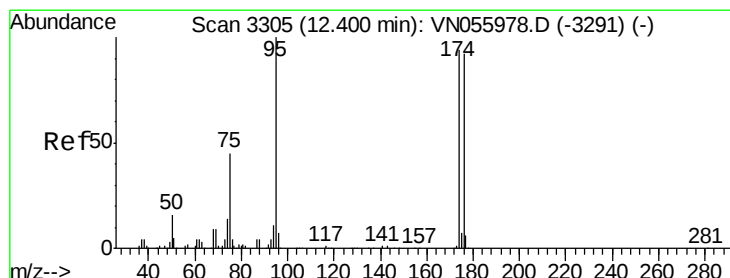
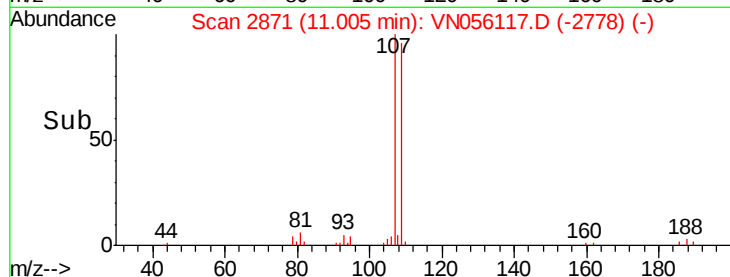
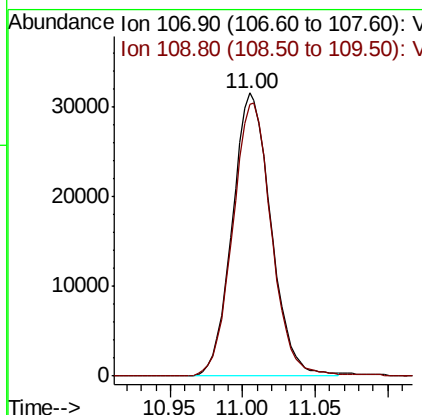
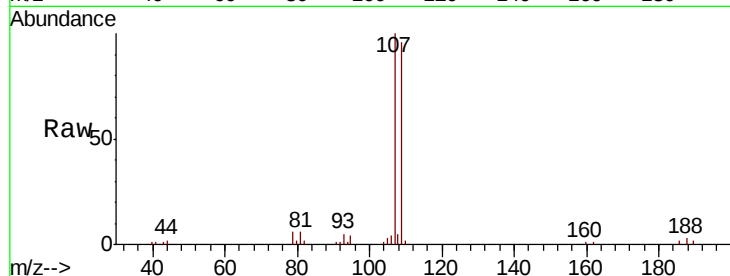




#61
 1,2-Dibromoethane
 Concen: 20.309 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN056117.D
 Acq: 7 Jun 2019 23:06

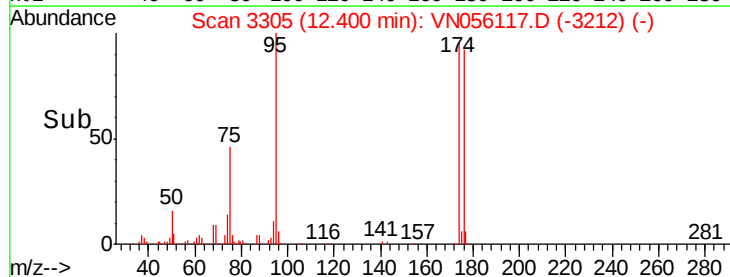
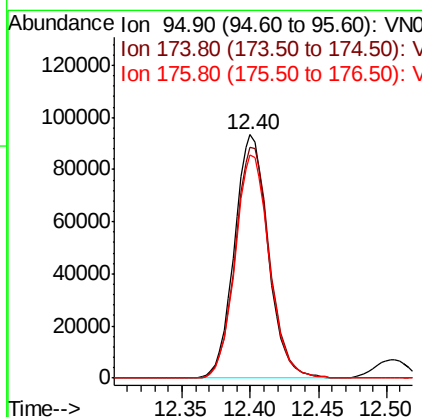
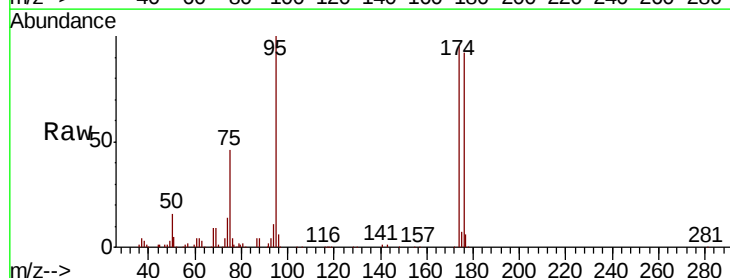
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS03

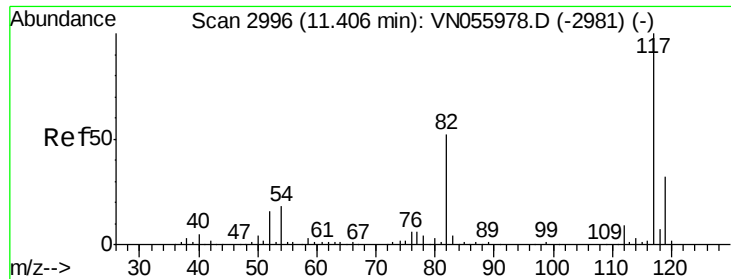
Tot Ion:107 Resp: 58400
 Ion Ratio Lower Upper
 107 100
 109 97.0 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 45.554 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056117.D
 Acq: 7 Jun 2019 23:06

Tgt Ion: 95 Resp: 159819
 Ion Ratio Lower Upper
 95 100
 174 97.0 0.0 191.0
 176 92.8 0.0 185.2

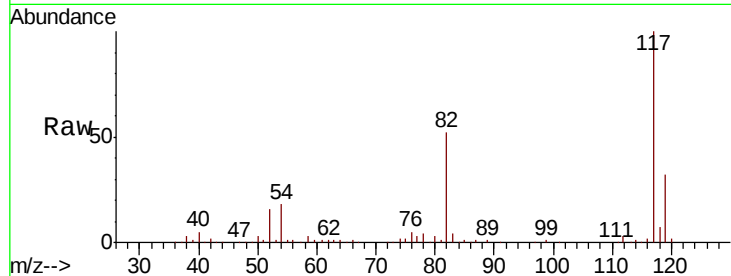




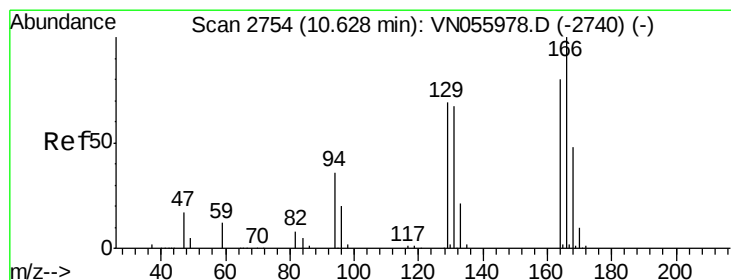
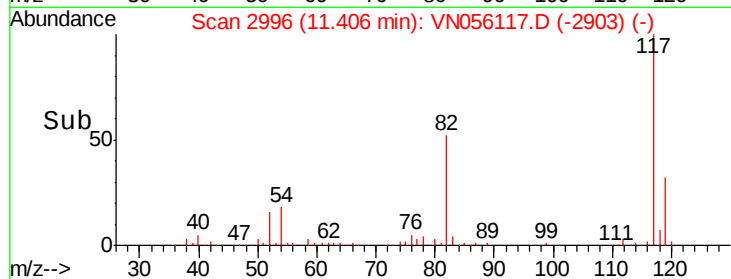
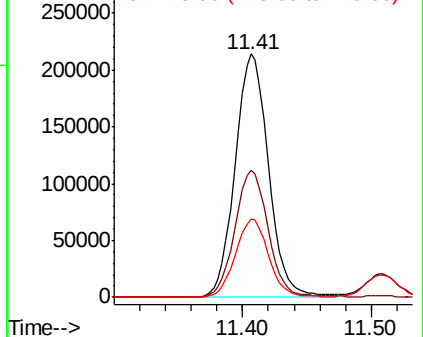
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056117.D
Acq: 7 Jun 2019 23:06

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS03

Tot Ion:117 Resp: 385985
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.8
119 32.1 25.4 38.0

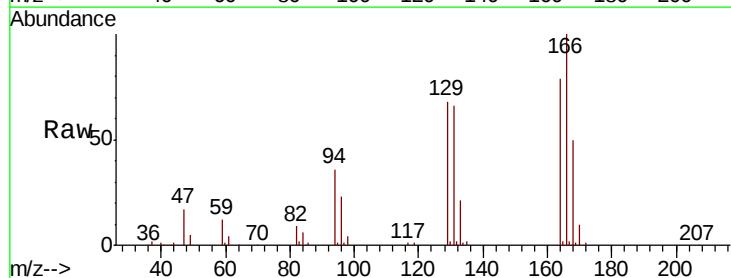


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

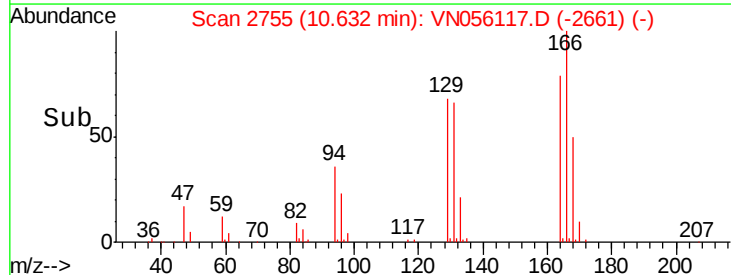
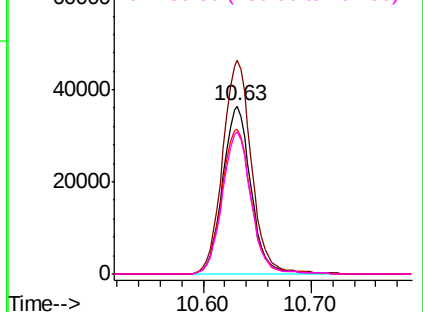


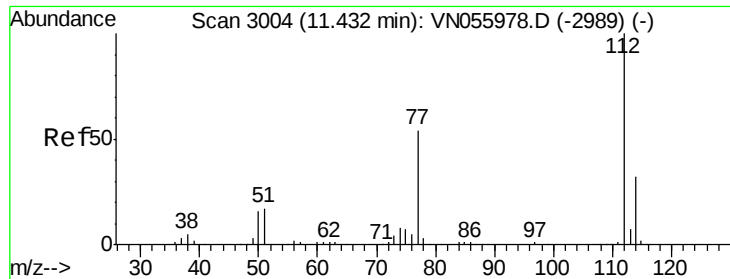
#64
Tetrachloroethene
Concen: 19.858 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056117.D
Acq: 7 Jun 2019 23:06

Tgt Ion:164 Resp: 66347
Ion Ratio Lower Upper
164 100
166 127.3 103.0 154.6
129 86.3 70.6 105.8
131 84.4 68.6 102.8



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

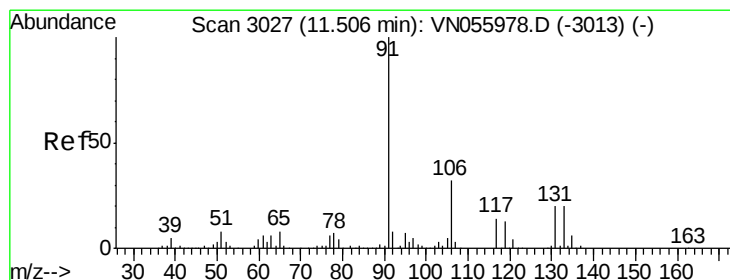
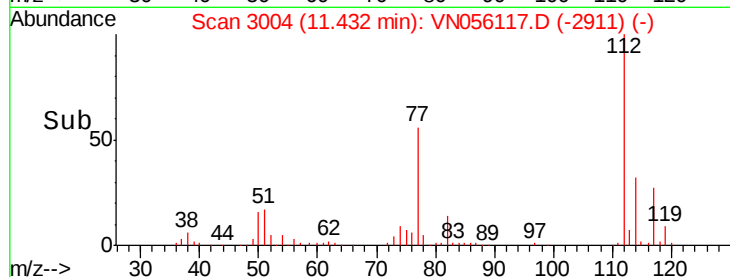
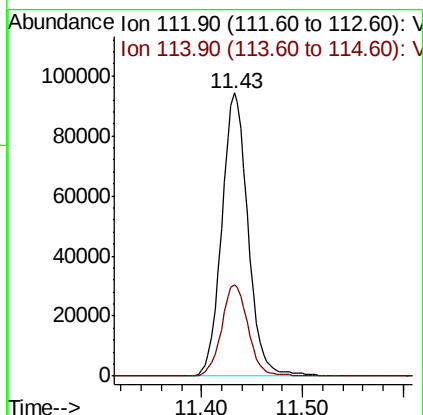
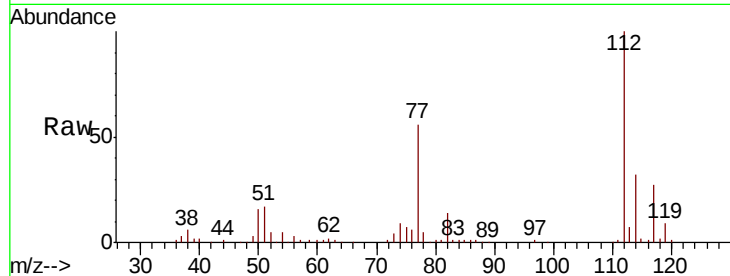




#65
Chlorobenzene
Concen: 22.299 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056117.D
Acq: 7 Jun 2019 23:06

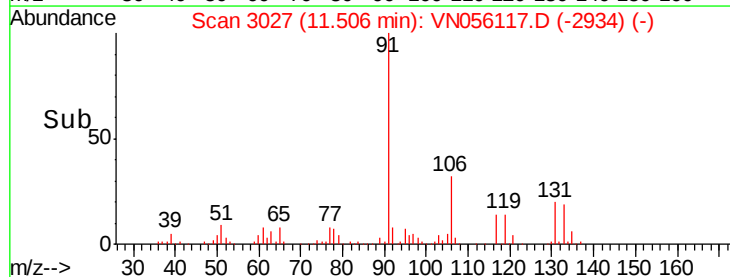
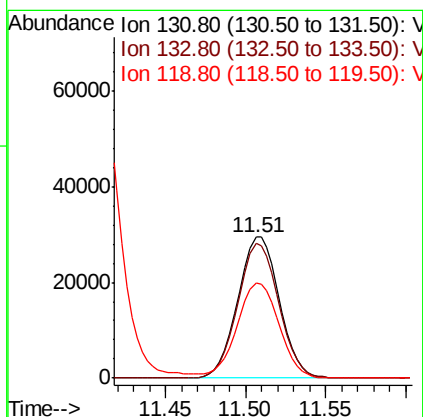
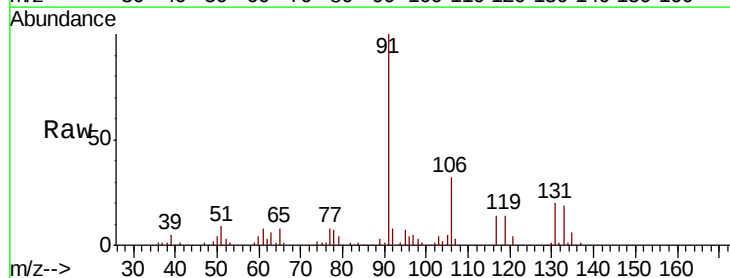
Instrument :
MSVOA_N
ClientSampled :
VN0608WBS03

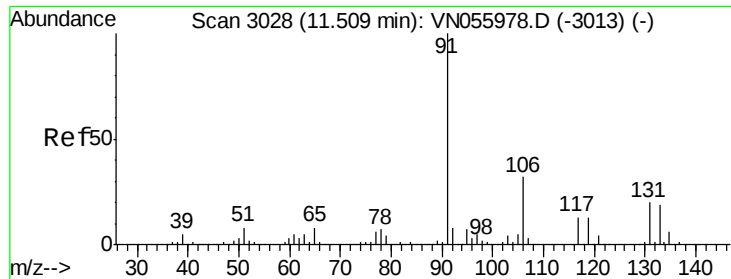
Tot Ion:112 Resp: 171297
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.699 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056117.D
Acq: 7 Jun 2019 23:06

Tgt Ion:131 Resp: 52252
Ion Ratio Lower Upper
131 100
133 94.3 48.0 144.0
119 68.7 33.1 99.5

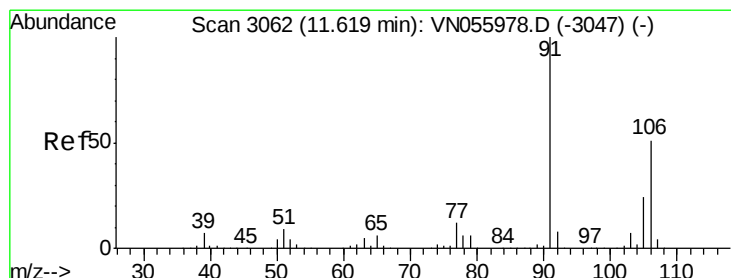
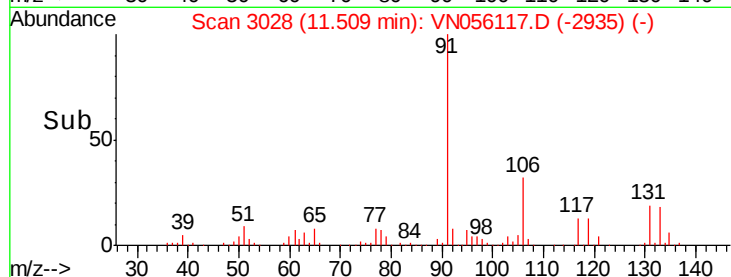
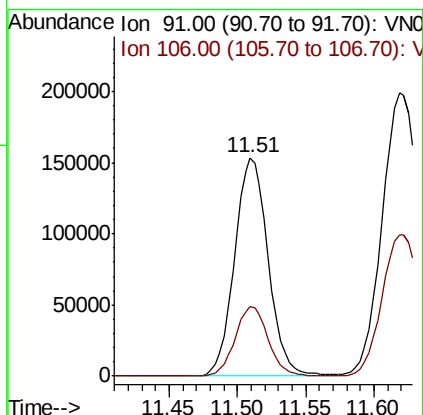
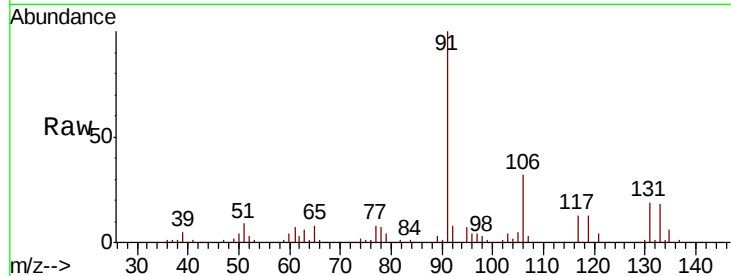




#67
Ethyl Benzene
Concen: 19.624 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056117.D
Acq: 7 Jun 2019 23:06

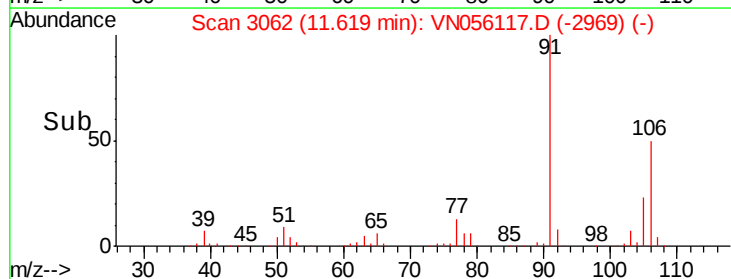
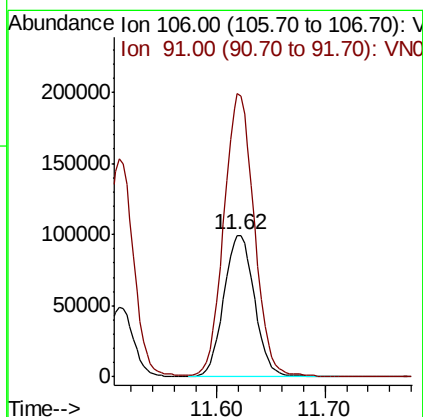
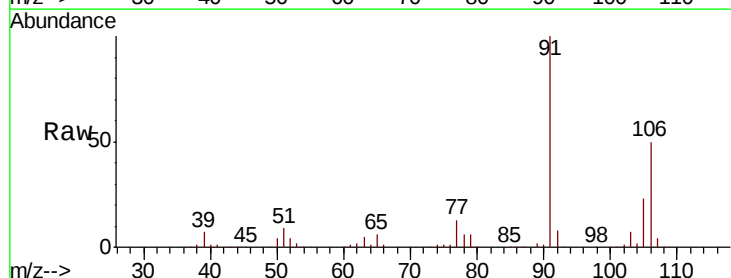
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS03

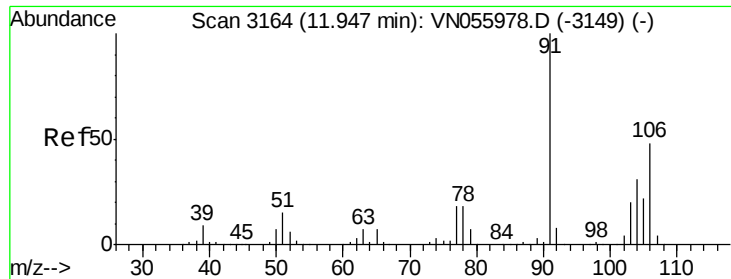
Tot Ion: 91 Resp: 262127
Ion Ratio Lower Upper
91 100
106 32.0 25.1 37.7



#68
m/p-Xylenes
Concen: 38.769 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056117.D
Acq: 7 Jun 2019 23:06

Tgt Ion: 106 Resp: 197826
Ion Ratio Lower Upper
106 100
91 197.6 159.3 238.9

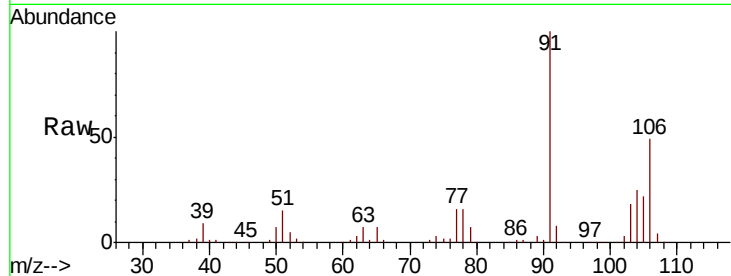




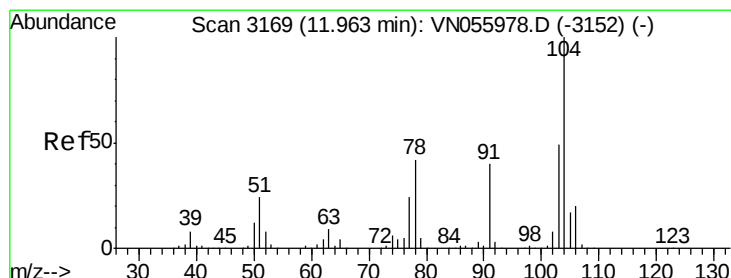
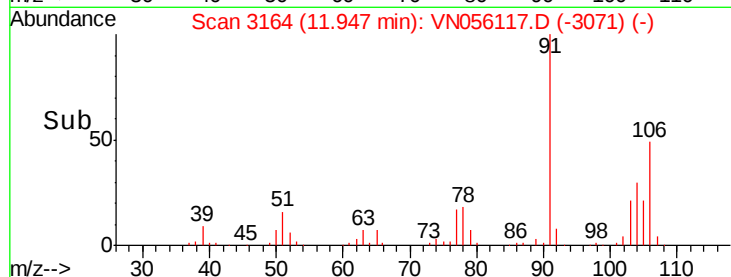
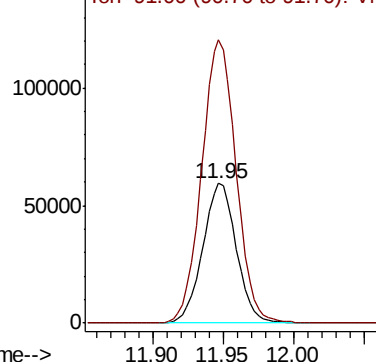
#69
o-Xylene
Concen: 19.729 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056117.D
Acq: 7 Jun 2019 23:06

Instrument :
MSVOA_N
ClientSampled :
VN0608WBS03

Tot Ion:106 Resp: 99029
Ion Ratio Lower Upper
106 100
91 207.5 104.7 314.1

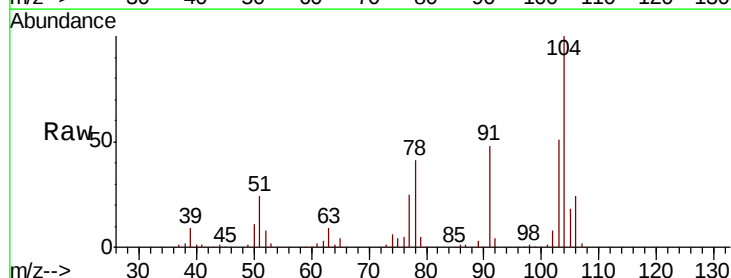


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

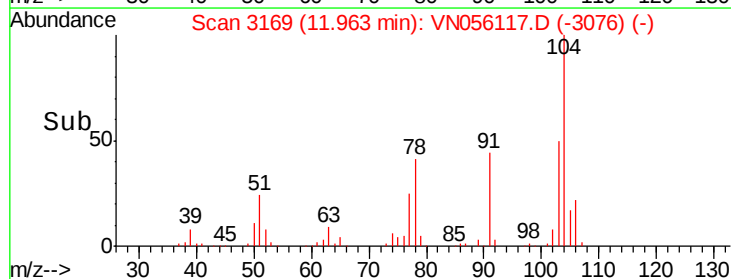
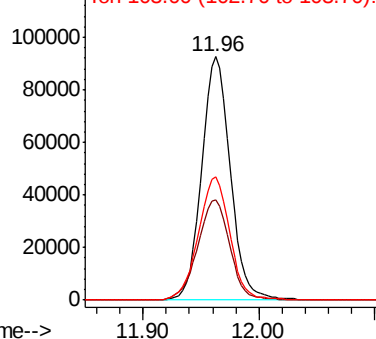


#70
Styrene
Concen: 19.750 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056117.D
Acq: 7 Jun 2019 23:06

Tgt Ion:104 Resp: 157504
Ion Ratio Lower Upper
104 100
78 46.4 37.8 56.6
103 55.7 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.105 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS03

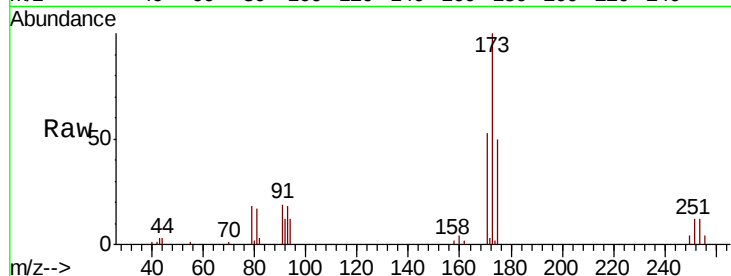
Tot Ion:173 Resp: 33840

Ion Ratio Lower Upper

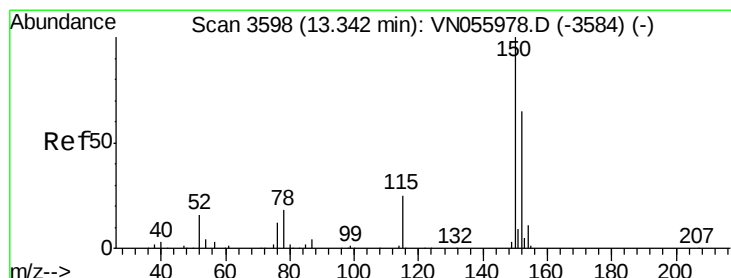
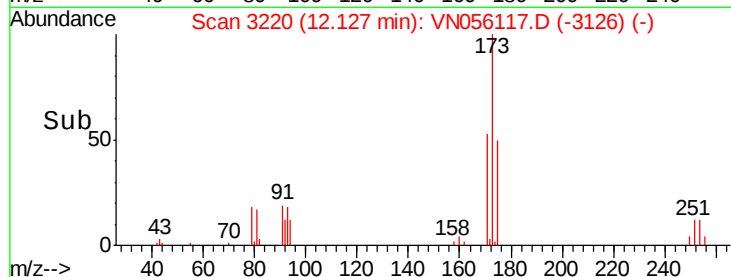
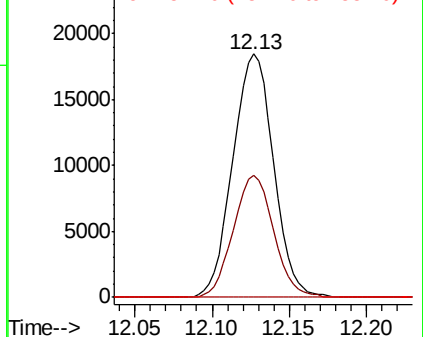
173 100

175 49.5 24.3 72.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

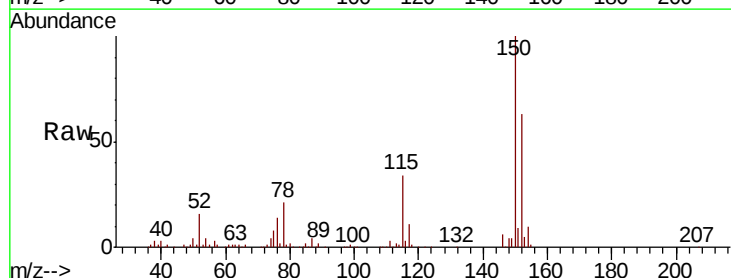
Tgt Ion:152 Resp: 154236

Ion Ratio Lower Upper

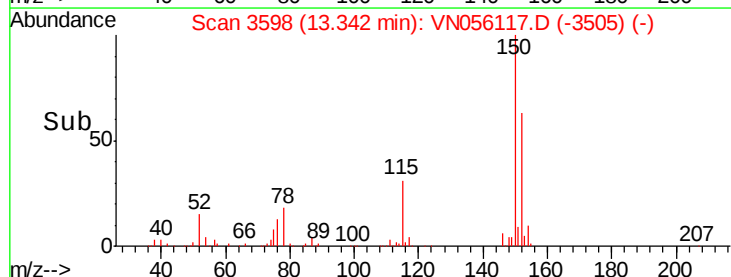
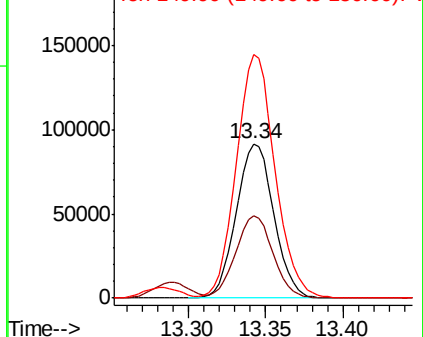
152 100

115 53.0 27.0 81.0

150 162.7 0.0 343.2



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





#73

Isopropylbenzene

Concen: 22.129 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

Instrument :

MSVOA_N

ClientSampleId :

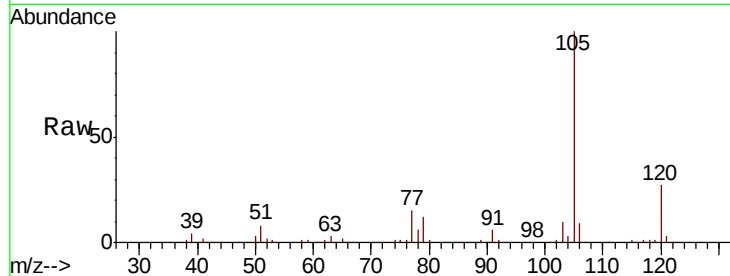
VN0608WBS03

Tot Ion:105 Resp: 258112

Ion Ratio Lower Upper

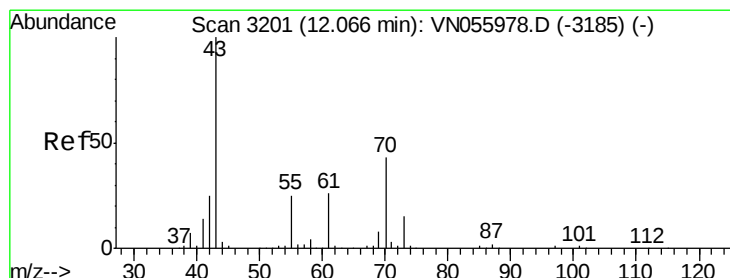
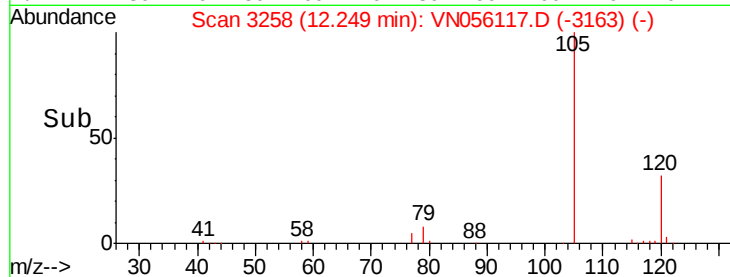
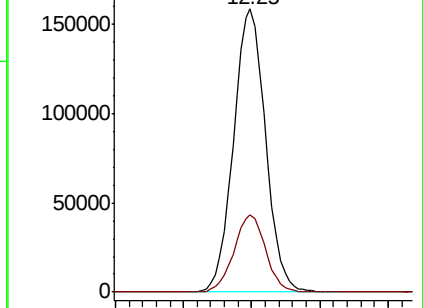
105 100

120 27.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.193 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

Tgt Ion: 43 Resp: 87132

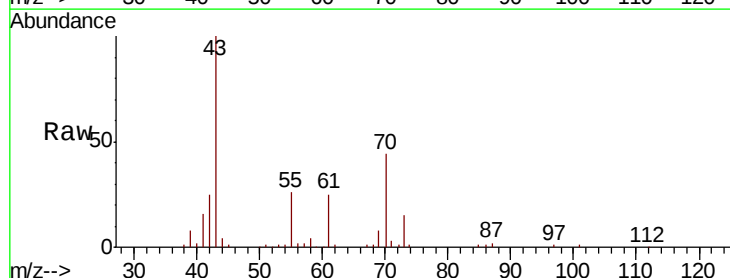
Ion Ratio Lower Upper

43 100

70 43.2 34.0 51.0

55 26.4 18.6 28.0

61 25.0 20.0 30.0

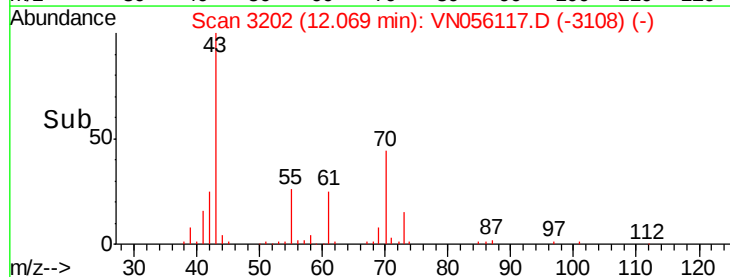
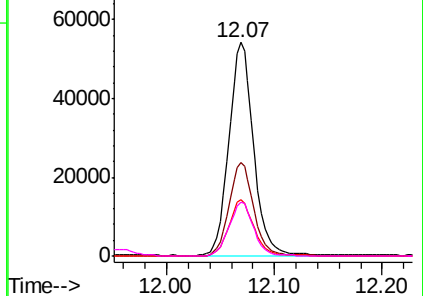


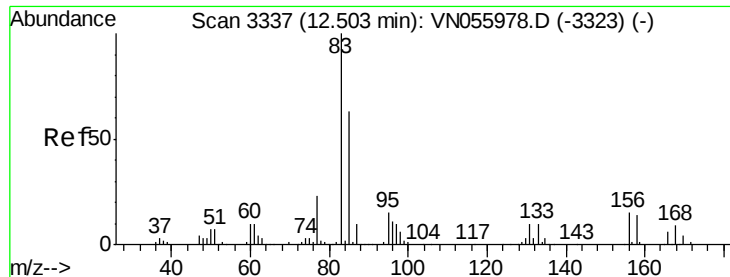
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.416 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS03

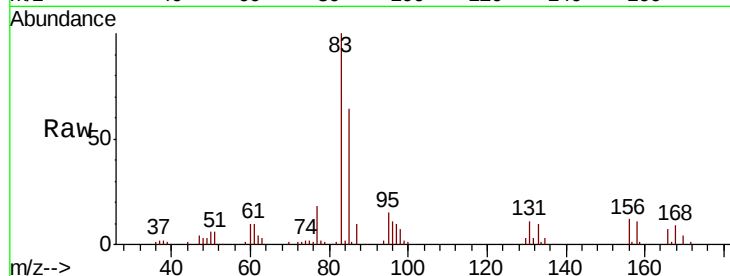
Tot Ion: 83 Resp: 80261

Ion Ratio Lower Upper

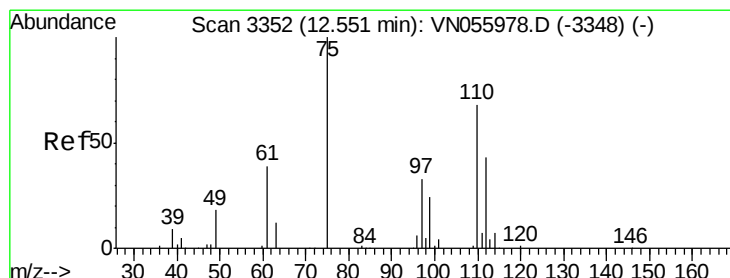
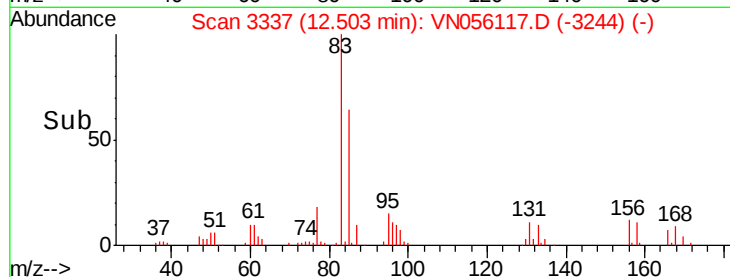
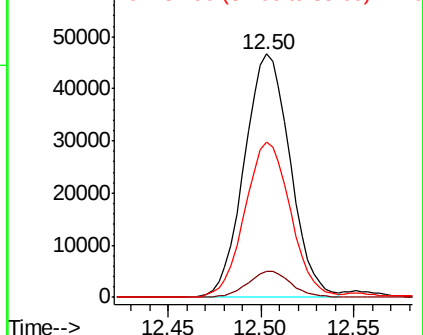
83 100

131 10.2 5.4 16.2

85 63.6 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 30.961 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056117.D

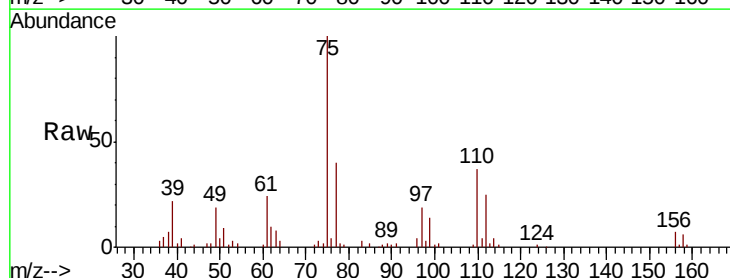
Acq: 7 Jun 2019 23:06

Tgt Ion: 75 Resp: 87868

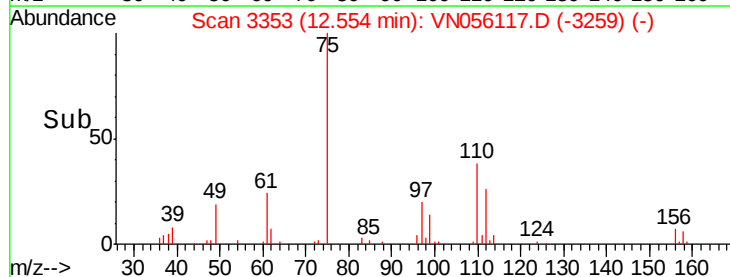
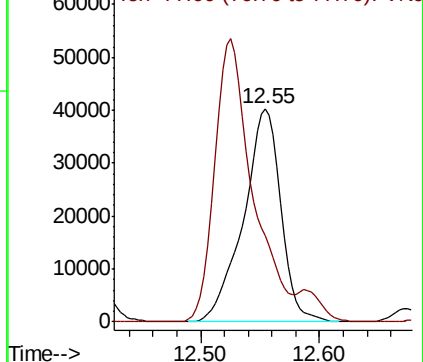
Ion Ratio Lower Upper

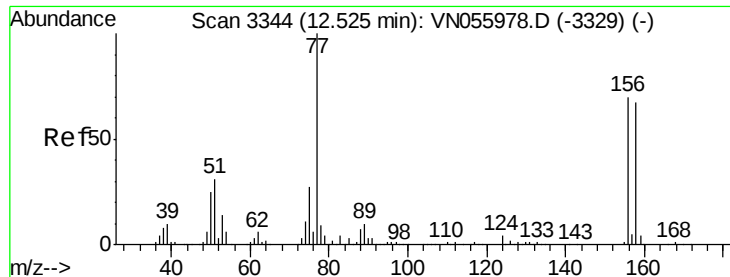
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 21.018 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS03

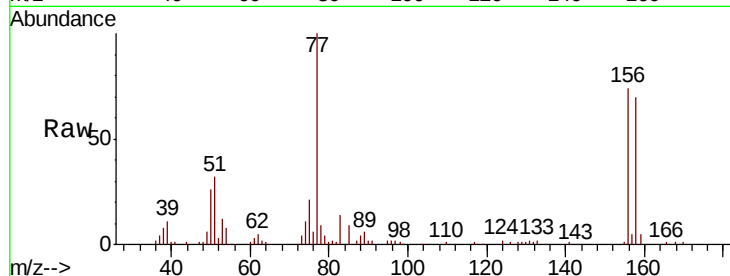
Tot Ion:156 Resp: 69405

Ion Ratio Lower Upper

156 100

77 170.1 90.8 272.5

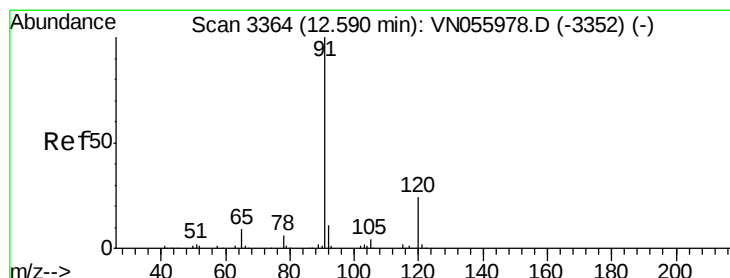
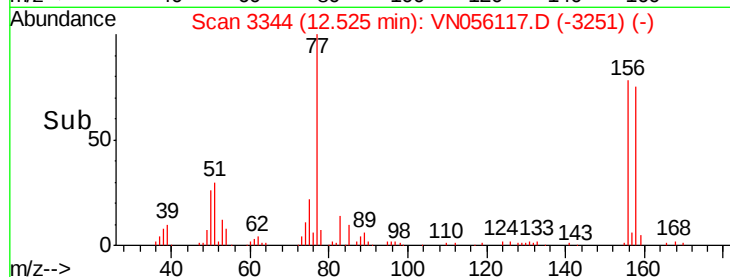
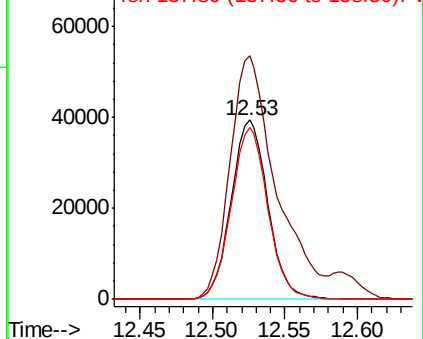
158 95.0 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.091 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056117.D

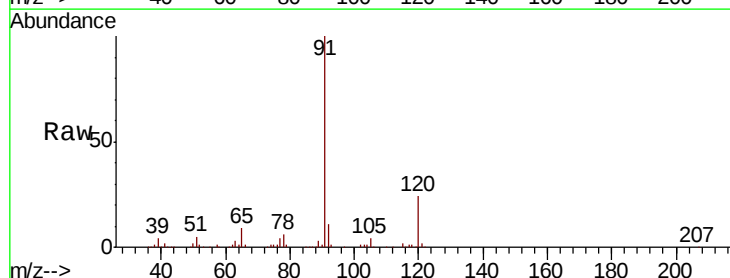
Acq: 7 Jun 2019 23:06

Tgt Ion: 91 Resp: 262150

Ion Ratio Lower Upper

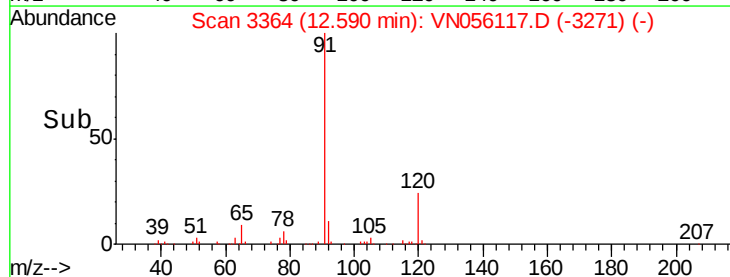
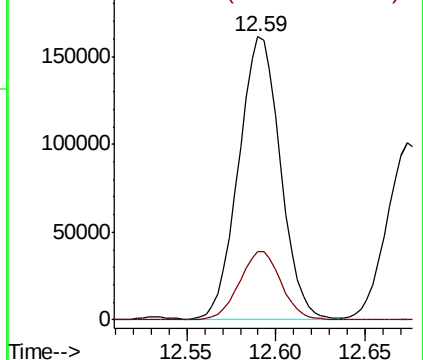
91 100

120 24.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.853 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

Instrument :

MSVOA_N

ClientSampleId :

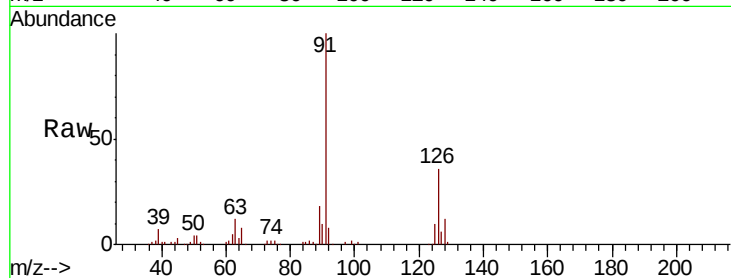
VN0608WBS03

Tot Ion: 91 Resp: 167621

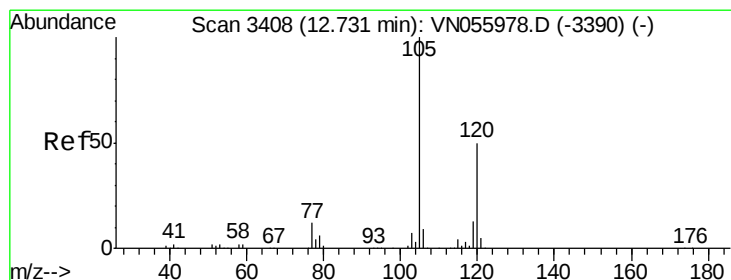
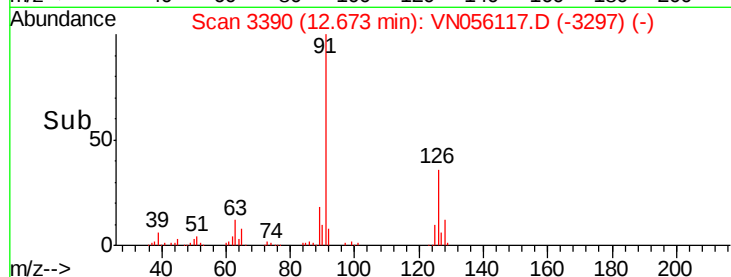
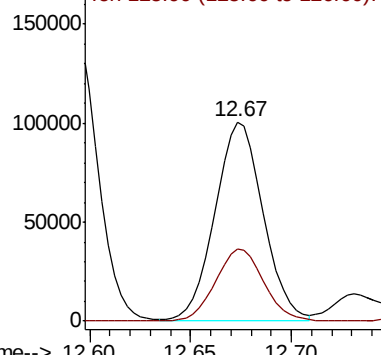
Ion Ratio Lower Upper

91 100

126 36.3 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.244 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056117.D

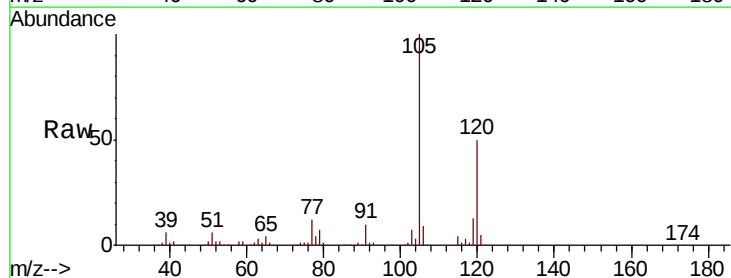
Acq: 7 Jun 2019 23:06

Tgt Ion: 105 Resp: 209930

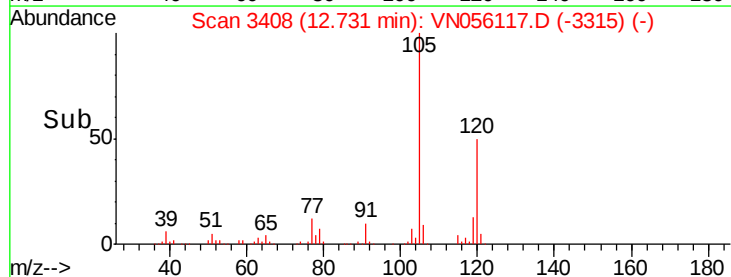
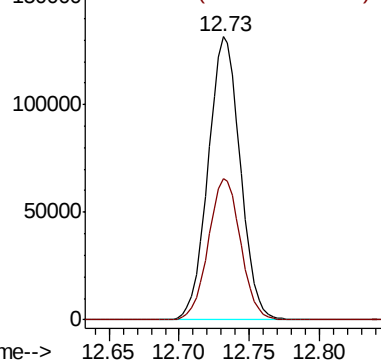
Ion Ratio Lower Upper

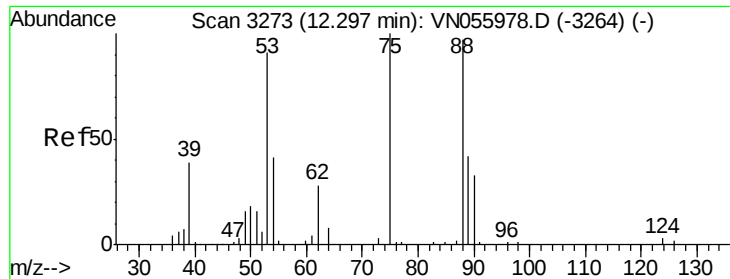
105 100

120 50.1 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055978.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 15.380 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS03

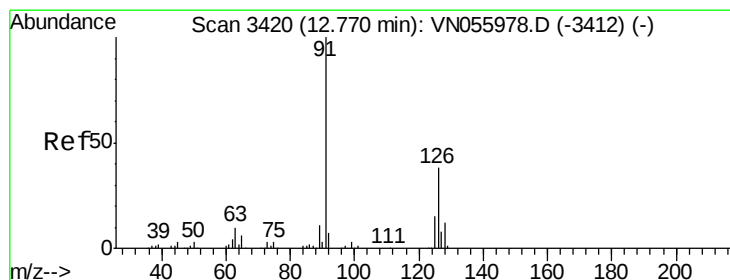
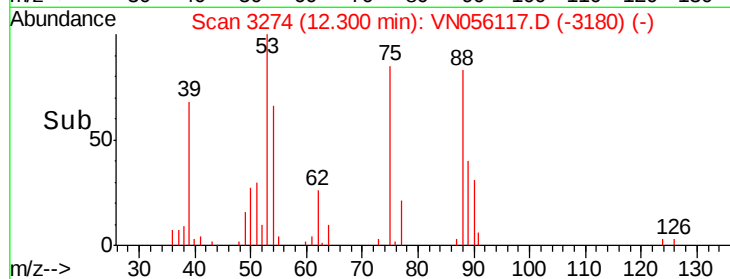
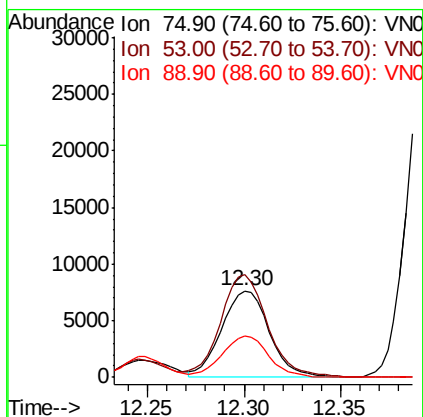
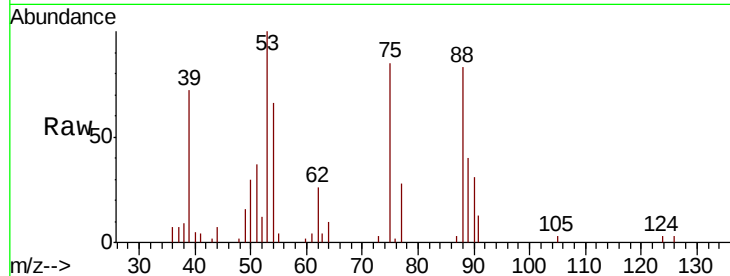
Tot Ion: 75 Resp: 13107

Ion Ratio Lower Upper

75 100

53 117.4 68.1 102.1#

89 46.3 36.9 55.3



#82

4-Chlorotoluene

Concen: 20.085 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056117.D

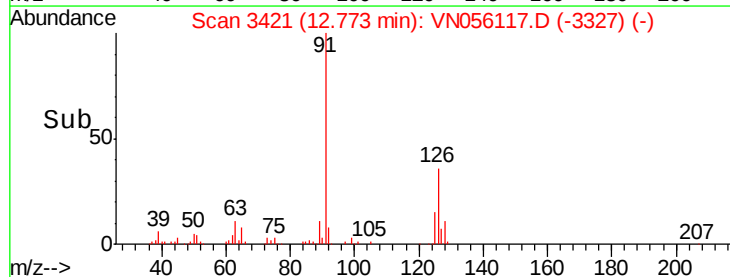
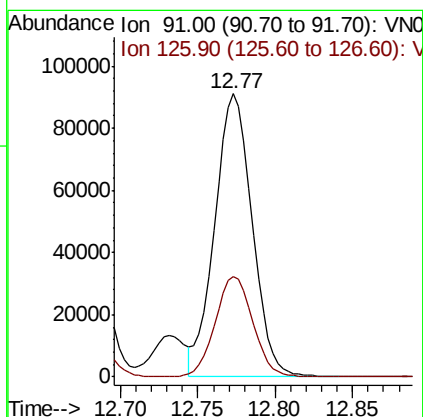
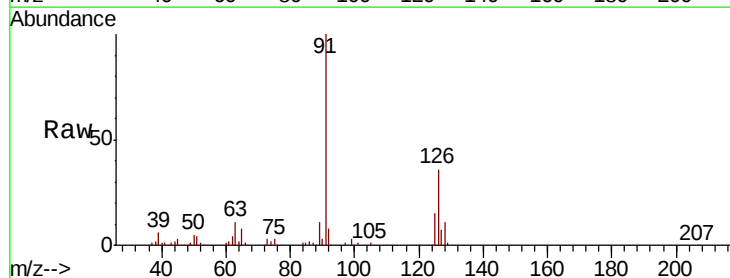
Acq: 7 Jun 2019 23:06

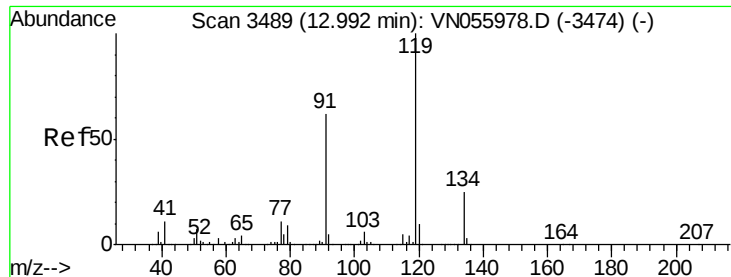
Tgt Ion: 91 Resp: 153322

Ion Ratio Lower Upper

91 100

126 35.6 17.8 53.3

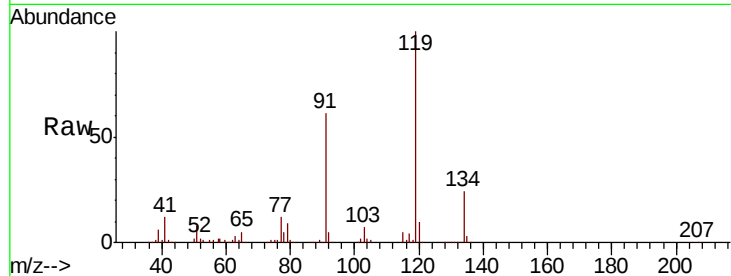




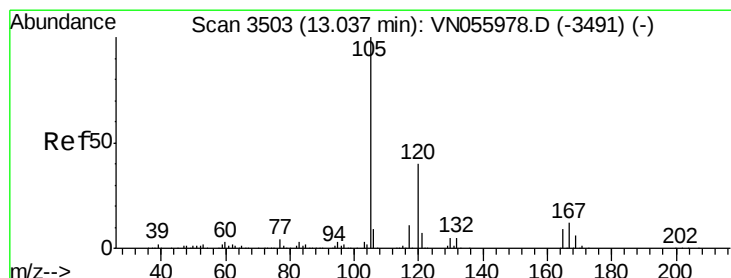
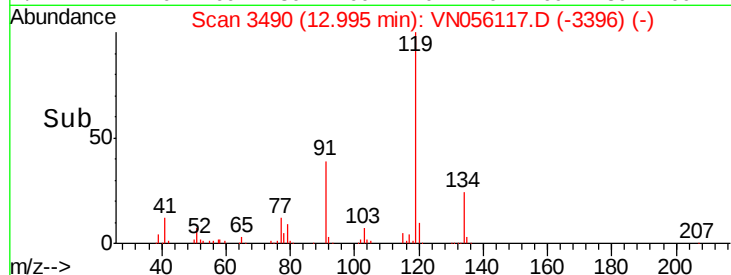
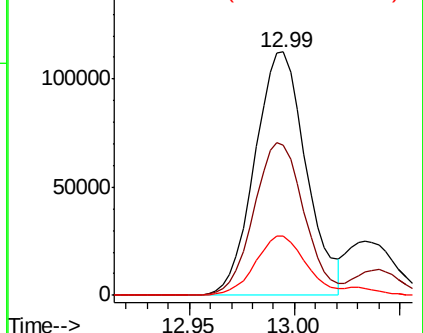
#83
 tert-Butylbenzene
 Concen: 22.183 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN056117.D
 Acq: 7 Jun 2019 23:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS03

Tot Ion:119 Resp: 190698
 Ion Ratio Lower Upper
 119 100
 91 61.1 30.9 92.8
 134 24.2 13.3 39.8

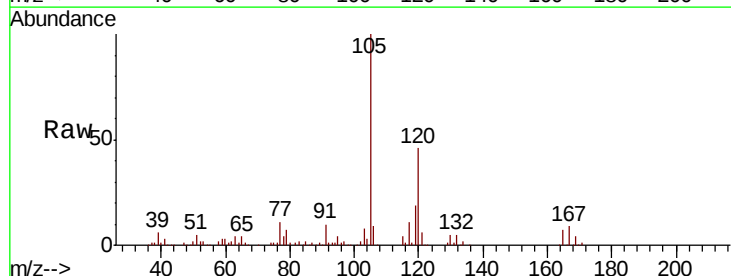


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

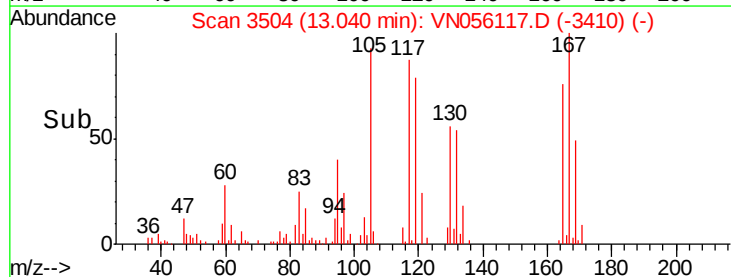
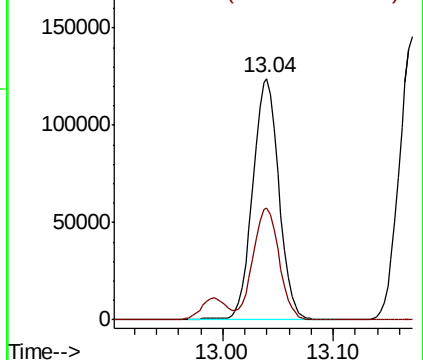


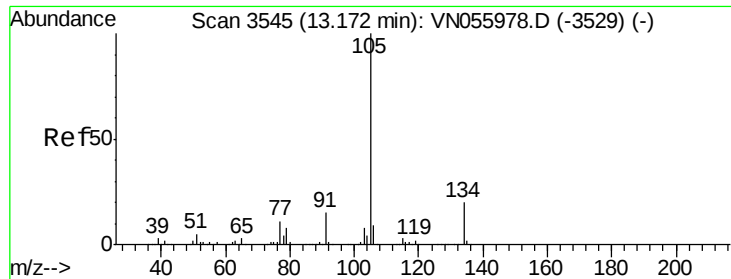
#84
 1,2,4-Trimethylbenzene
 Concen: 20.731 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056117.D
 Acq: 7 Jun 2019 23:06

Tgt Ion:105 Resp: 203866
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

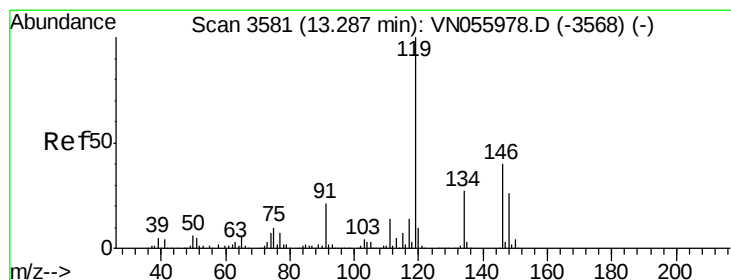
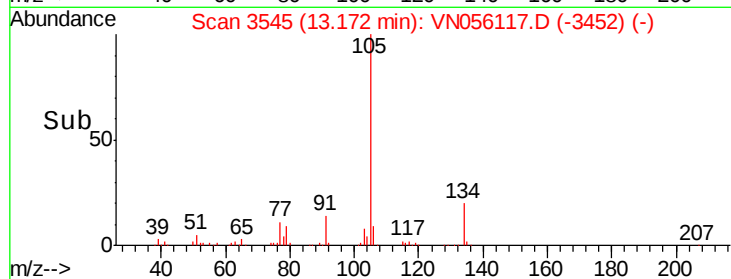
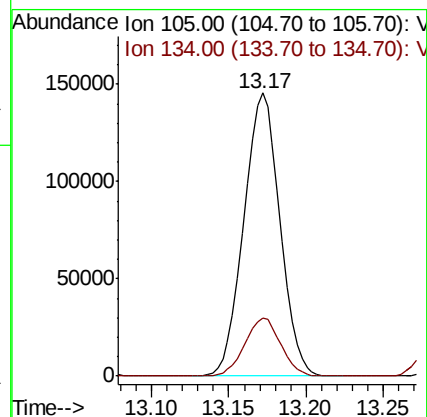
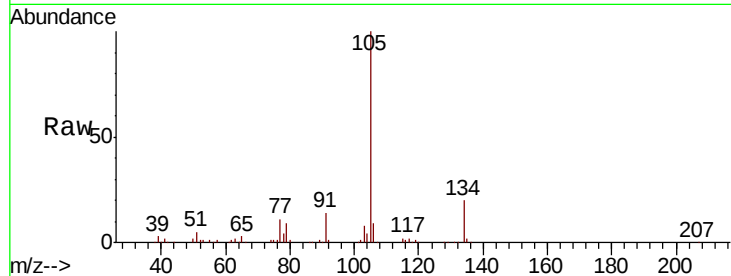




#85
 sec-Butylbenzene
 Concen: 20.426 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056117.D
 Acq: 7 Jun 2019 23:06

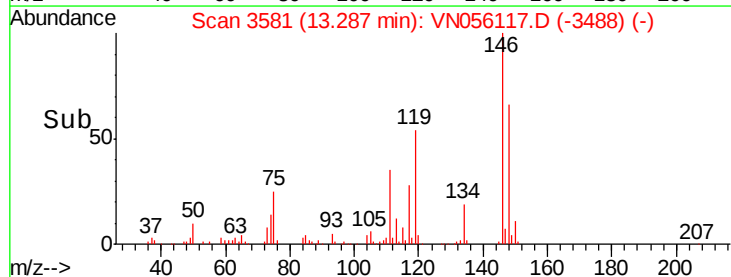
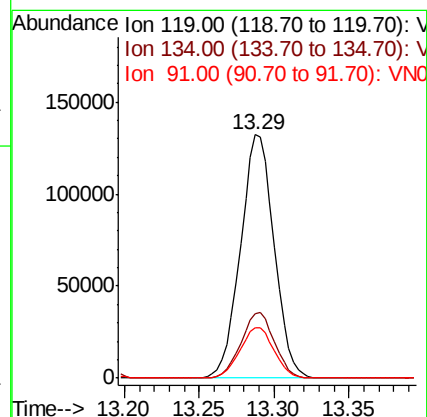
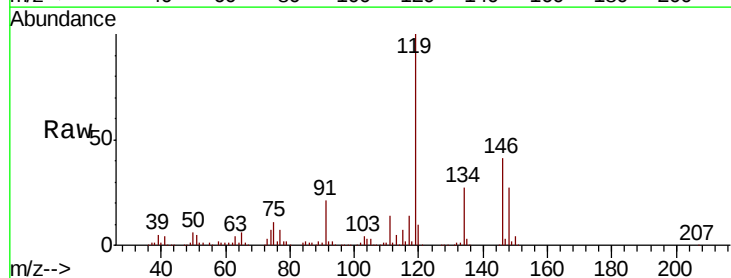
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS03

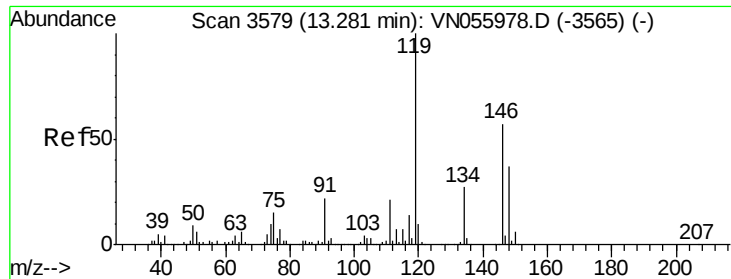
Tot Ion:105 Resp: 236027
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 19.953 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056117.D
 Acq: 7 Jun 2019 23:06

Tgt Ion:119 Resp: 206346
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 21.2 10.9 32.9

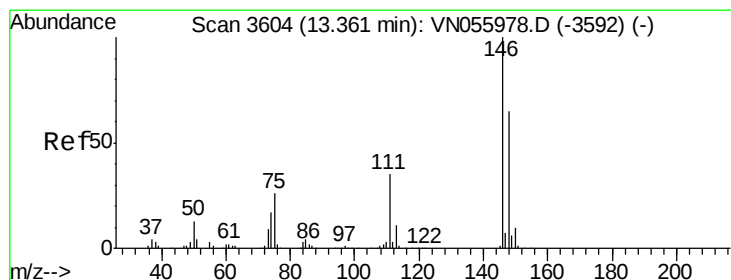
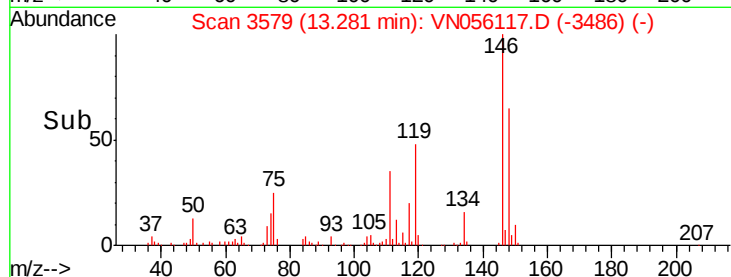
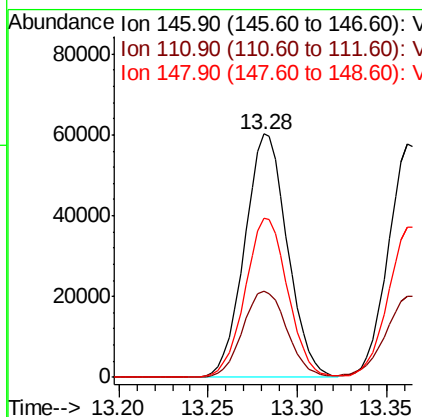
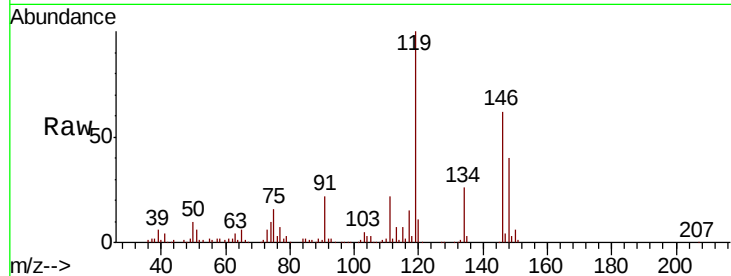




#87
 1,3-Dichlorobenzene
 Concen: 19.733 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056117.D
 Acq: 7 Jun 2019 23:06

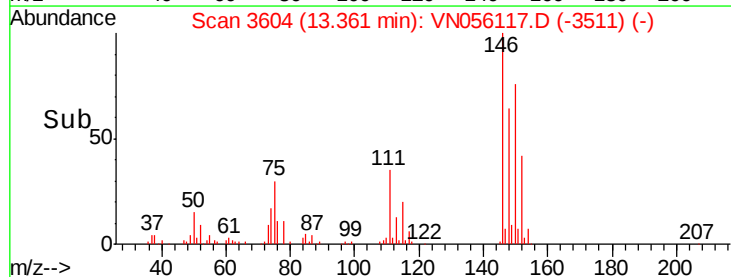
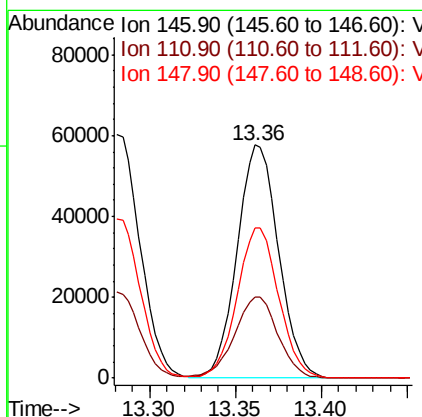
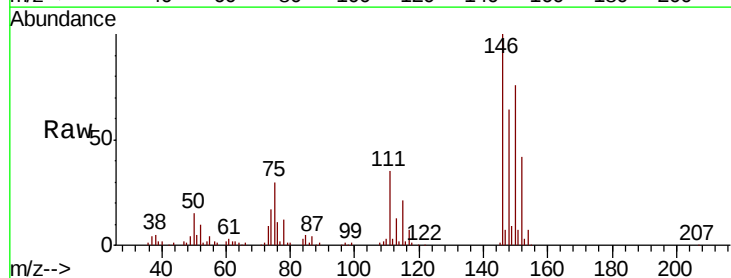
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS03

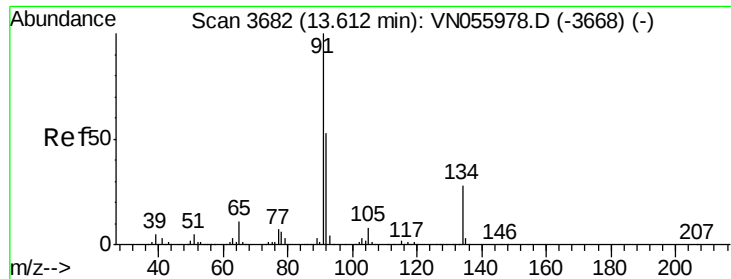
Tot Ion:146 Resp: 100851
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.5 55.5
 148 64.9 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.729 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056117.D
 Acq: 7 Jun 2019 23:06

Tgt Ion:146 Resp: 96997
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.1 54.4
 148 64.7 32.1 96.5





#89

n-Butylbenzene

Concen: 17.919 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS03

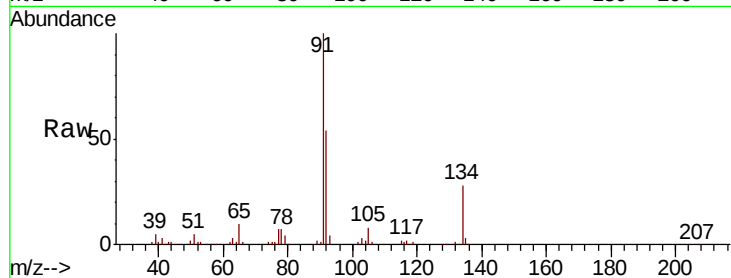
Tot Ion: 91 Resp: 137280

Ion Ratio Lower Upper

91 100

92 53.6 26.4 79.0

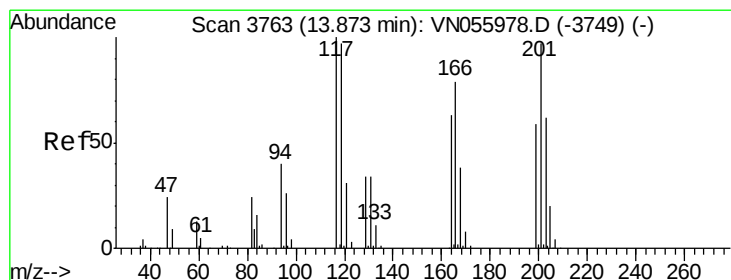
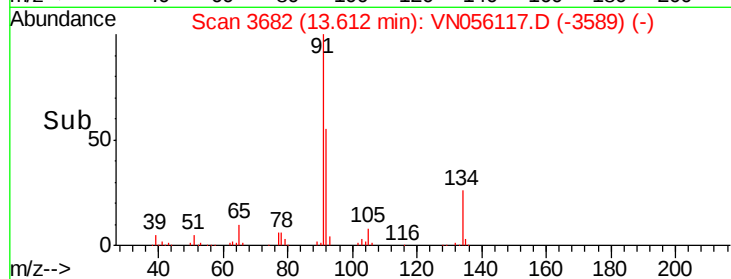
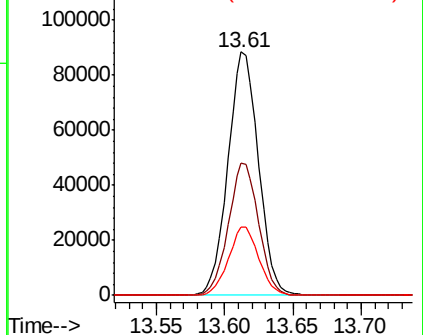
134 27.8 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN055978.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055978.D (-3668) (-)



#90

Hexachloroethane

Concen: 18.599 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN056117.D

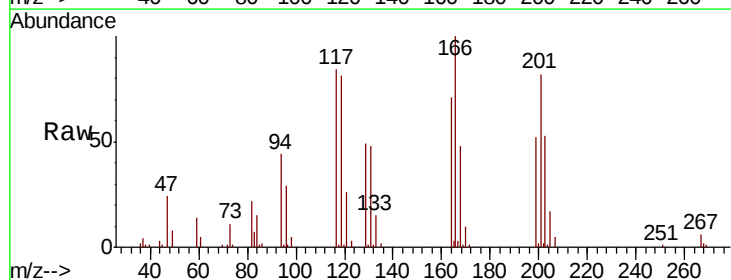
Acq: 7 Jun 2019 23:06

Tgt Ion: 117 Resp: 29007

Ion Ratio Lower Upper

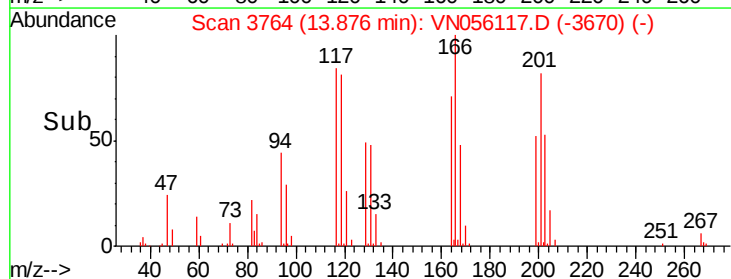
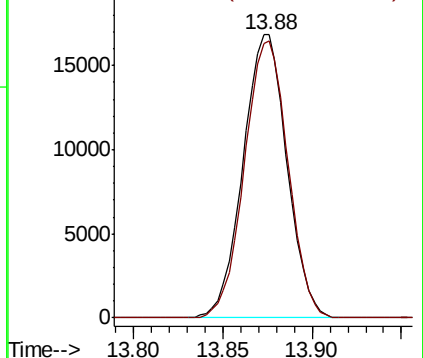
117 100

201 96.8 50.0 150.0



Abundance Ion 116.80 (116.50 to 117.50): VN055978.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055978.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 21.124 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS03

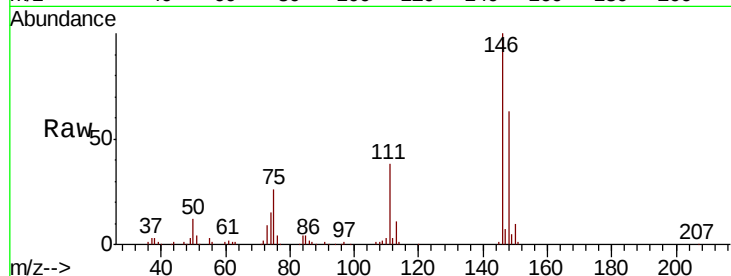
Tot Ion:146 Resp: 108997

Ion Ratio Lower Upper

146 100

111 38.0 19.1 57.5

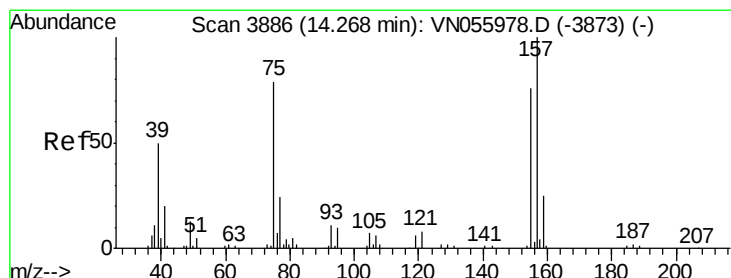
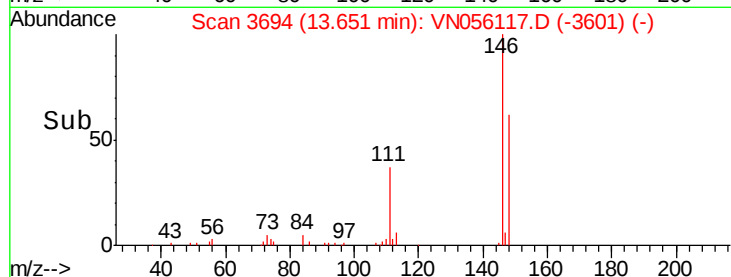
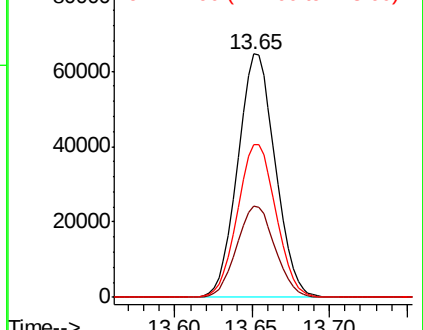
148 64.3 31.9 95.9



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: 20.468 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

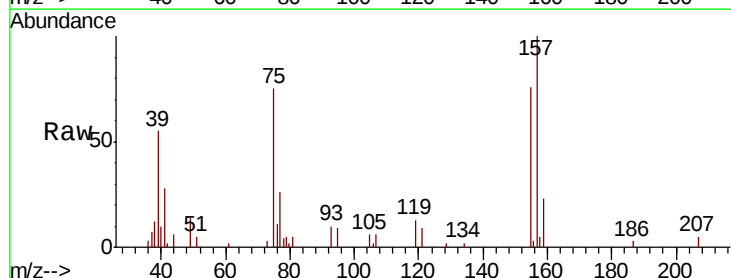
Tgt Ion: 75 Resp: 10482

Ion Ratio Lower Upper

75 100

155 97.6 50.0 150.1

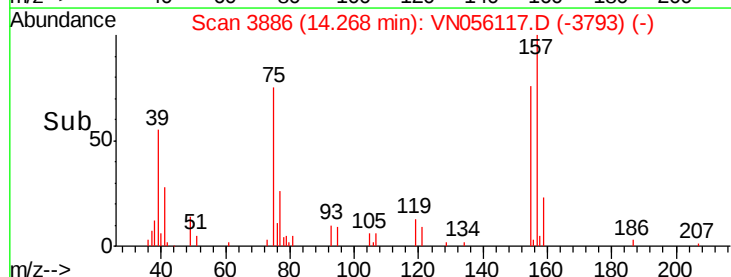
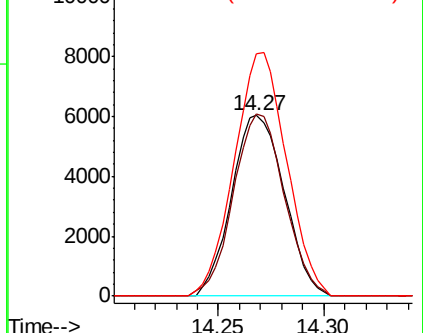
157 133.5 64.8 194.3



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

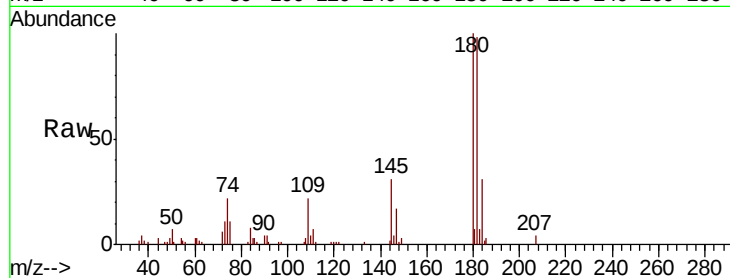




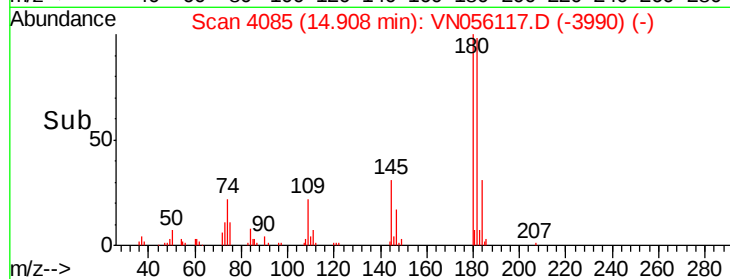
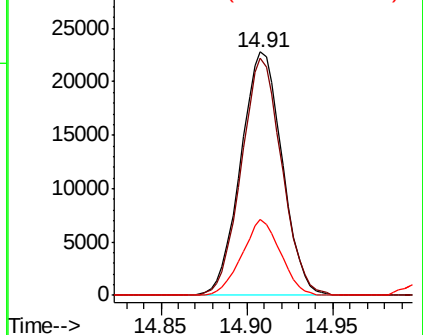
#93
 1,2,4-Trichlorobenzene
 Concen: 16.527 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056117.D
 Acq: 7 Jun 2019 23:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS03

Tot Ion:180 Resp: 38108
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.3 144.9
 145 28.9 14.0 41.9

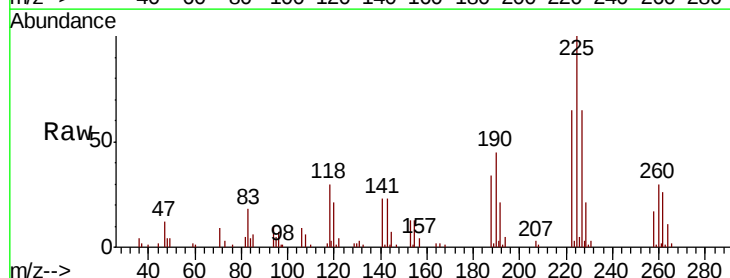


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

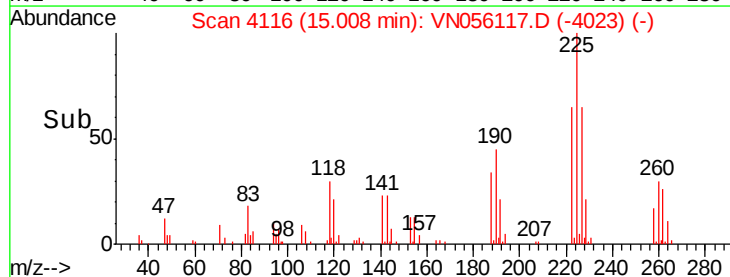
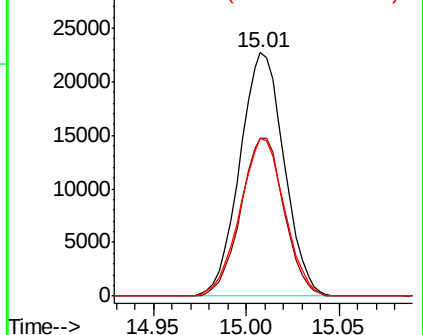


#94
 Hexachlorobutadiene
 Concen: 19.984 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056117.D
 Acq: 7 Jun 2019 23:06

Tgt Ion:225 Resp: 37581
 Ion Ratio Lower Upper
 225 100
 223 63.4 30.9 92.7
 227 65.0 31.6 94.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.153 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

Instrument :

MSVOA_N

ClientSampled :

VN0608WBS03

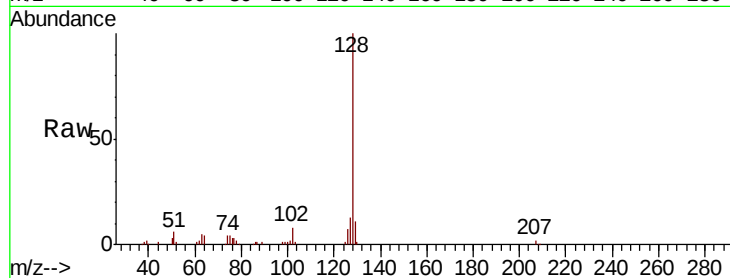
Tot Ion:128 Resp: 106321

Ion Ratio Lower Upper

128 100

127 12.3 10.3 15.5

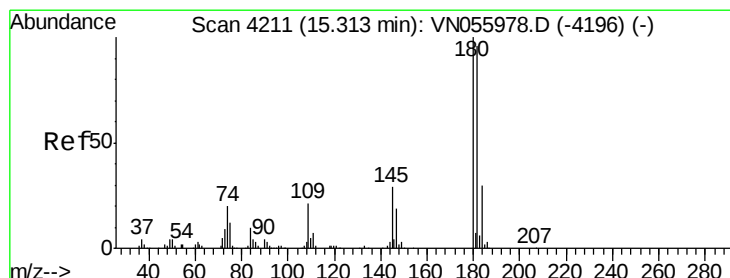
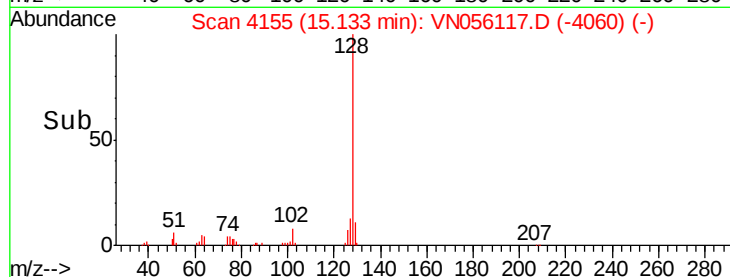
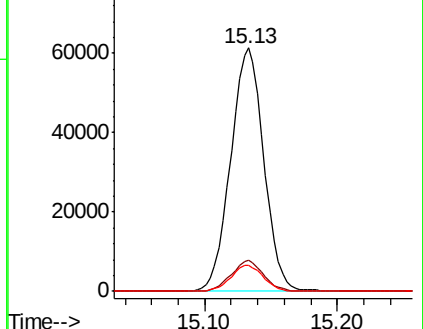
129 10.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.575 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056117.D

Acq: 7 Jun 2019 23:06

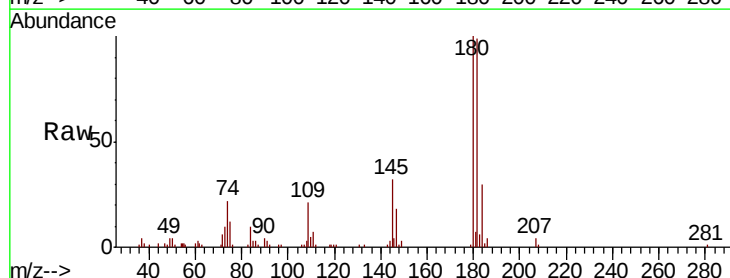
Tgt Ion:180 Resp: 44864

Ion Ratio Lower Upper

180 100

182 98.2 47.9 143.7

145 29.8 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

