

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090619\
 Data File : VN057716.D
 Acq On : 6 Sep 2019 16:46
 Operator : JC/SP
 Sample : VN0906WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBS01

Quant Time: Sep 06 23:24:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	198425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	331464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	305295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	166426	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	243467	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
35) Dibromofluoromethane	7.58	113	153531	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	10.09	98	583706	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
62) 4-Bromofluorobenzene	12.40	95	230253	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	63131	20.035	ug/l	96
3) Chloromethane	2.03	50	66184	15.417	ug/l	99
4) Vinyl Chloride	2.16	62	52740	19.327	ug/l	96
5) Bromomethane	2.54	94	29050	23.179	ug/l	99
6) Chloroethane	2.68	64	30778	19.104	ug/l	100
7) Trichlorofluoromethane	3.00	101	85435	19.508	ug/l	98
8) Diethyl Ether	3.39	74	34860	19.921	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	58651	21.459	ug/l	96
10) Methyl Iodide	3.93	142	58078	21.447	ug/l	97
11) Tert butyl alcohol	4.76	59	51928	94.682	ug/l #	92
12) 1,1-Dichloroethene	3.71	96	49078	19.957	ug/l	91
13) Acrolein	3.59	56	22893	87.771	ug/l	93
14) Allyl chloride	4.30	41	107382	19.109	ug/l	99
15) Acrylonitrile	4.96	53	150124	106.469	ug/l	96
16) Acetone	3.80	43	162775	109.578	ug/l	95
17) Carbon Disulfide	4.03	76	105689	18.969	ug/l	98
18) Methyl Acetate	4.31	43	80043	19.815	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	201092	19.478	ug/l	99
20) Methylene Chloride	4.53	84	64036	19.937	ug/l #	96
21) trans-1,2-Dichloroethene	5.02	96	53292	20.595	ug/l	97
22) Diisopropyl ether	5.93	45	241293	20.298	ug/l	95
23) Vinyl Acetate	5.87	43	987178	102.596	ug/l	99
24) 1,1-Dichloroethane	5.83	63	121361	19.911	ug/l	99
25) 2-Butanone	6.82	43	223774	105.191	ug/l	98
26) 2,2-Dichloropropane	6.80	77	101087	19.879	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	62120	19.125	ug/l	93
28) Bromochloromethane	7.18	49	59804	18.752	ug/l	98
29) Tetrahydrofuran	7.19	42	141808	103.366	ug/l	99
30) Chloroform	7.36	83	124194	19.554	ug/l	98
31) Cyclohexane	7.64	56	109693	20.246	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	104549	19.762	ug/l	100
36) 1,1-Dichloropropene	7.78	75	83630	18.965	ug/l	99
37) Ethyl Acetate	6.91	43	94415	21.567	ug/l #	95
38) Carbon Tetrachloride	7.76	117	84905	20.109	ug/l	92

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	93008	19.941	ug/l	96
40) Benzene	8.03	78	252302	20.229	ug/l	100
41) Methacrylonitrile	7.16	41	42873	20.035	ug/l #	74
42) 1,2-Dichloroethane	8.11	62	114511	19.587	ug/l	97
43) Isopropyl Acetate	8.15	43	164114	19.531	ug/l	99
44) Trichloroethene	8.82	130	57316	20.446	ug/l	93
45) 1,2-Dichloropropane	9.11	63	73600	21.099	ug/l	99
46) Dibromomethane	9.20	93	44878	20.056	ug/l	98
47) Bromodichloromethane	9.40	83	91133	19.164	ug/l #	98
48) Methyl methacrylate	9.19	41	81772	18.922	ug/l	96
49) 1,4-Dioxane	9.19	88	20923	416.113	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	490076	105.018	ug/l	99
52) Toluene	10.15	92	153235	20.270	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	92748	19.441	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	102758	19.936	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	62571	20.568	ug/l	96
56) Ethyl methacrylate	10.43	69	102764	21.163	ug/l	93
57) 1,3-Dichloropropane	10.71	76	111762	20.451	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	248920	101.043	ug/l	100
59) 2-Hexanone	10.75	43	351420	106.792	ug/l	99
60) Dibromochloromethane	10.90	129	56507	18.440	ug/l	98
61) 1,2-Dibromoethane	11.00	107	59760	20.462	ug/l	99
64) Tetrachloroethene	10.63	164	49137	20.644	ug/l	94
65) Chlorobenzene	11.43	112	160764	20.187	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	57100	20.606	ug/l	98
67) Ethyl Benzene	11.51	91	316848	20.621	ug/l	99
68) m/p-Xylenes	11.62	106	220260	41.619	ug/l	97
69) o-Xylene	11.95	106	107393	20.493	ug/l	99
70) Styrene	11.96	104	183626	20.251	ug/l	97
71) Bromoform	12.13	173	34058	18.623	ug/l #	100
73) Isopropylbenzene	12.25	105	299593	20.362	ug/l	98
74) N-amyl acetate	12.07	43	148896	20.258	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	90824	20.585	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	112178	29.352	ug/l #	100
77) Bromobenzene	12.53	156	68567	21.451	ug/l	95
78) n-propylbenzene	12.59	91	356200	20.377	ug/l	99
79) 2-Chlorotoluene	12.68	91	215360	20.237	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	259961	20.799	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	21073	17.148	ug/l	93
82) 4-Chlorotoluene	12.78	91	221388	20.199	ug/l	99
83) tert-Butylbenzene	12.99	119	217622	20.654	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	251026	20.275	ug/l	100
85) sec-Butylbenzene	13.17	105	292695	20.163	ug/l	99
86) p-Isopropyltoluene	13.29	119	256654	20.862	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	120240	20.121	ug/l	98
88) 1,4-Dichlorobenzene	13.37	146	121351	20.300	ug/l	100
89) n-Butylbenzene	13.62	91	239958	19.722	ug/l	100
90) Hexachloroethane	13.88	117	36769	19.074	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	119988	20.394	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	17265	19.863	ug/l	97

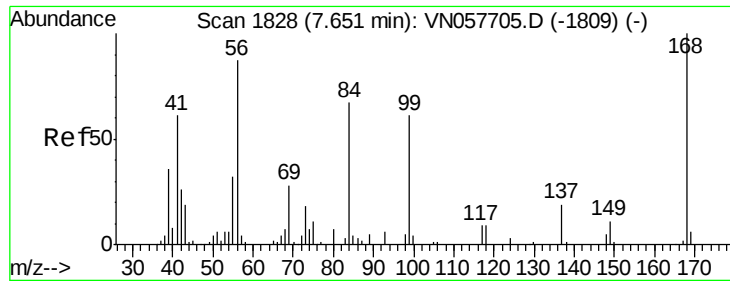
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090619\
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Quant Title : SW846 8260
QLast Update : Fri Sep 06 03:46:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	70874	20.136	ug/l	99
94) Hexachlorobutadiene	15.01	225	36527	21.291	ug/l	97
95) Naphthalene	15.13	128	208453	20.414	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	67806	20.098	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

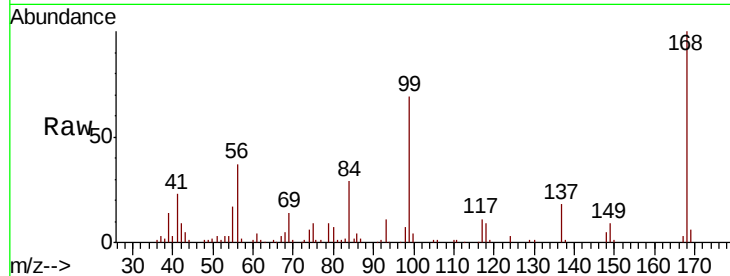
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

Tgt Ion:168 Resp: 198425

Ion Ratio Lower Upper

168 100

99 68.6 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): VN057705.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057705.D (-1809) (-)

7.65

80000

60000

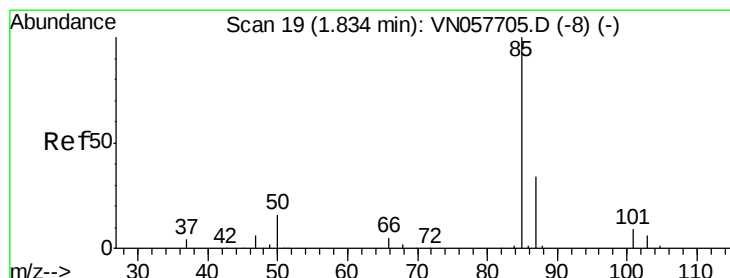
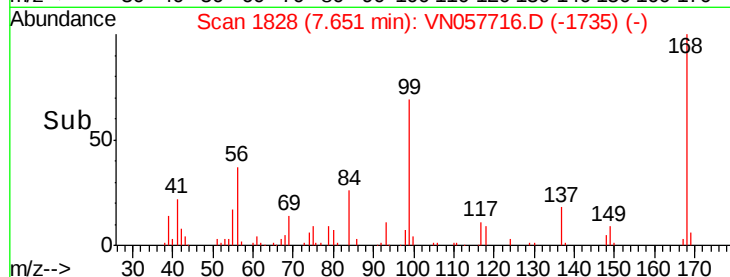
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 20.035 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN057716.D

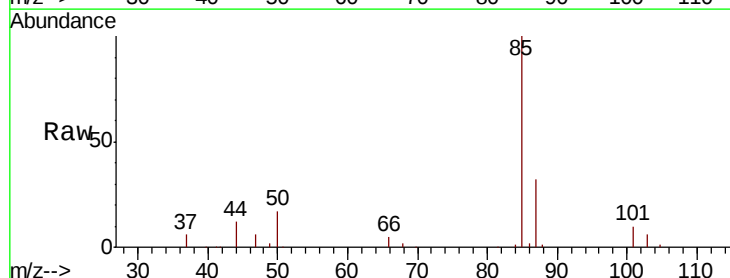
Acq: 6 Sep 2019 16:46

Tgt Ion: 85 Resp: 63131

Ion Ratio Lower Upper

85 100

87 31.6 17.0 51.0



Abundance Ion 84.90 (84.60 to 85.60): VN057705.D (-8) (-)

Ion 86.90 (86.60 to 87.60): VN057705.D (-8) (-)

1.83

50000

40000

30000

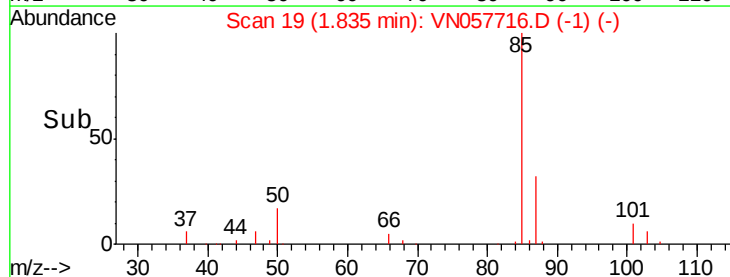
20000

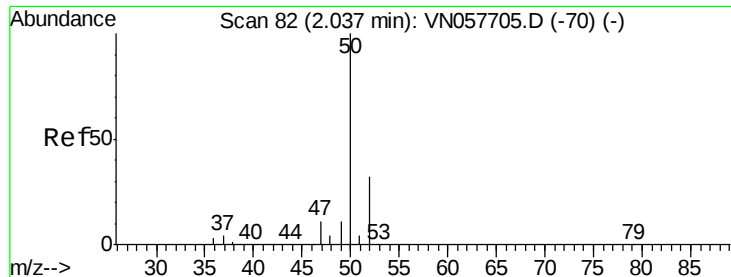
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 15.417 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

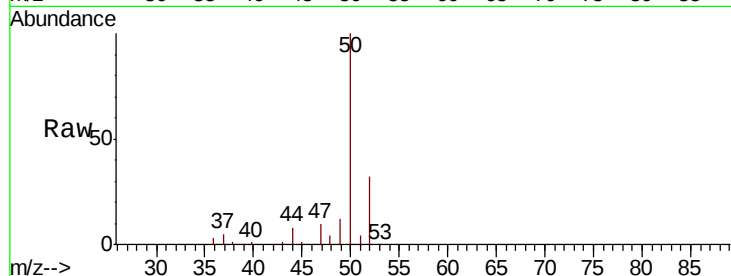
VN0906WBS01

Tgt Ion: 50 Resp: 66184

Ion Ratio Lower Upper

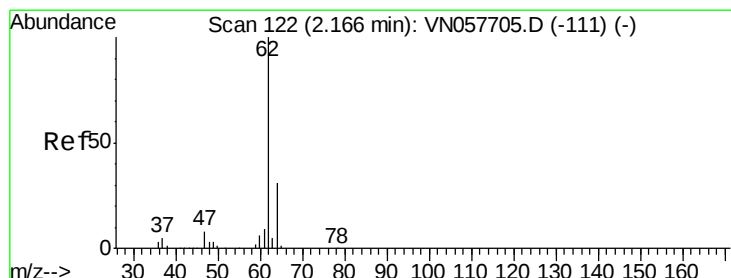
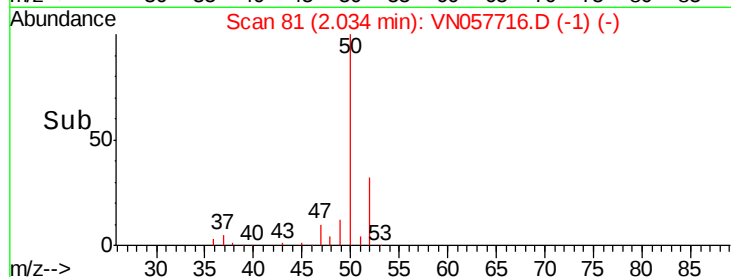
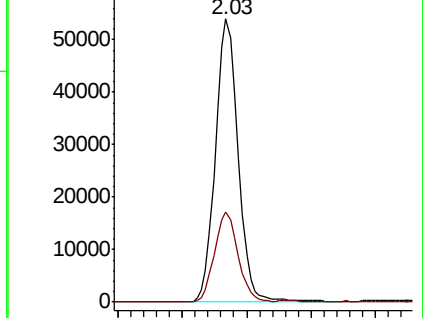
50 100

52 31.8 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.327 ug/l

RT: 2.16 min Scan# 121

Delta R.T. -0.00 min

Lab File: VN057716.D

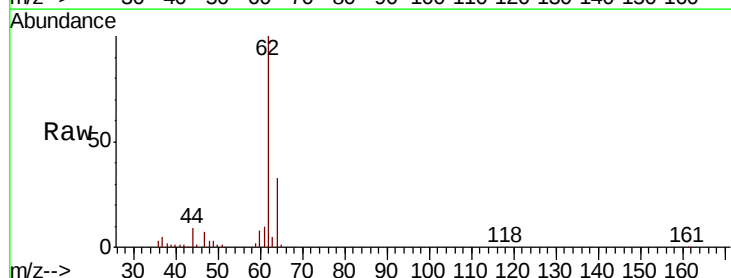
Acq: 6 Sep 2019 16:46

Tgt Ion: 62 Resp: 52740

Ion Ratio Lower Upper

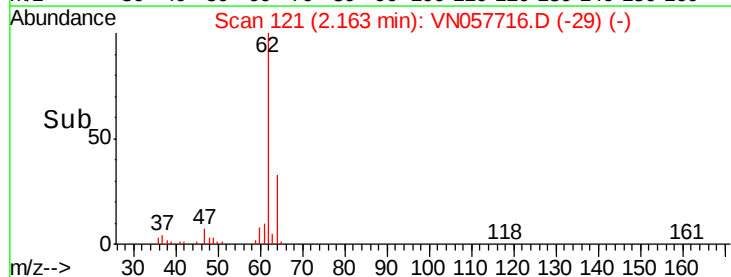
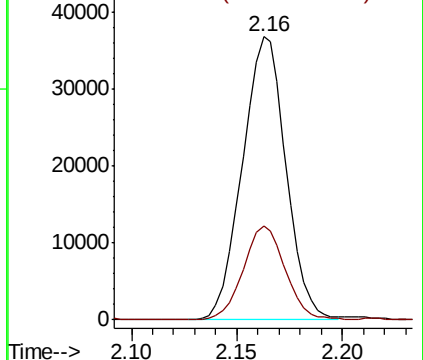
62 100

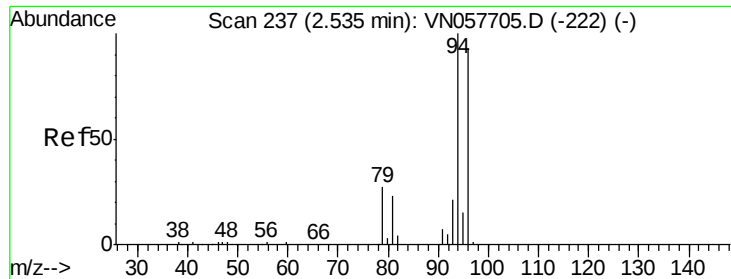
64 33.2 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 23.179 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

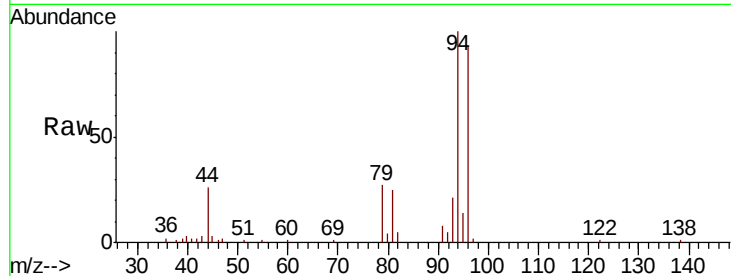
VN0906WBS01

Tgt Ion: 94 Resp: 29050

Ion Ratio Lower Upper

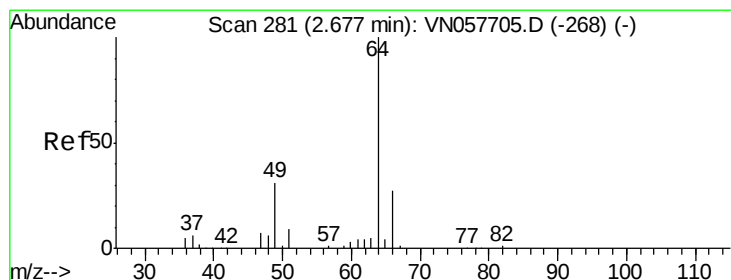
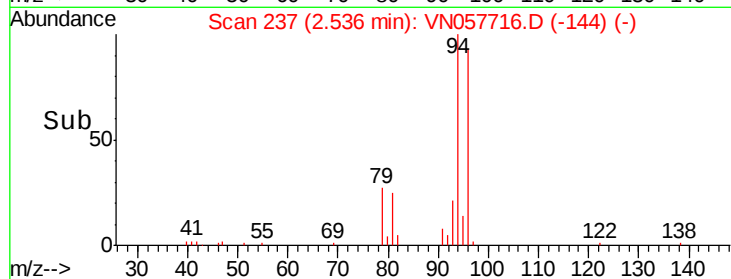
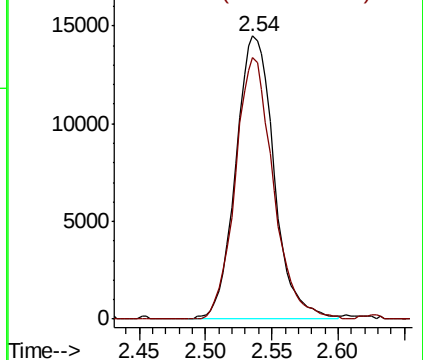
94 100

96 92.6 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.104 ug/l

RT: 2.68 min Scan# 281

Delta R.T. 0.00 min

Lab File: VN057716.D

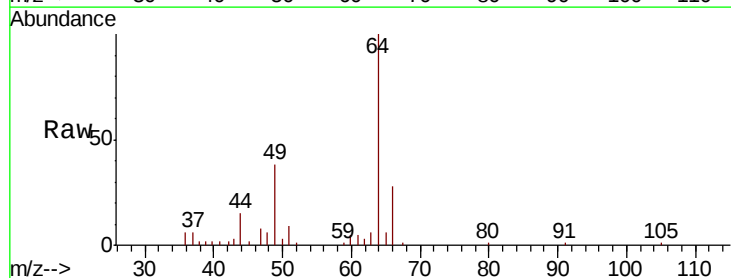
Acq: 6 Sep 2019 16:46

Tgt Ion: 64 Resp: 30778

Ion Ratio Lower Upper

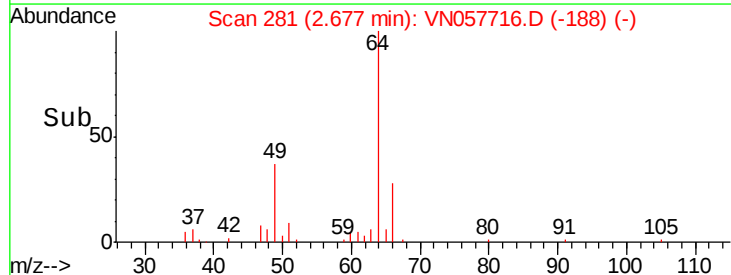
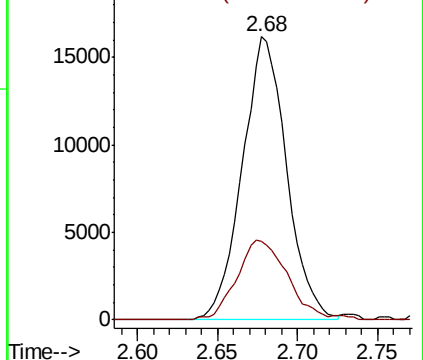
64 100

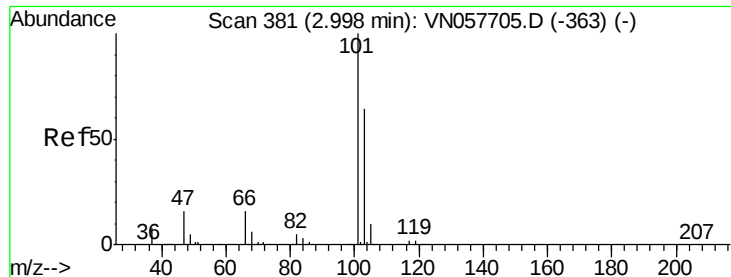
66 27.6 22.0 33.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



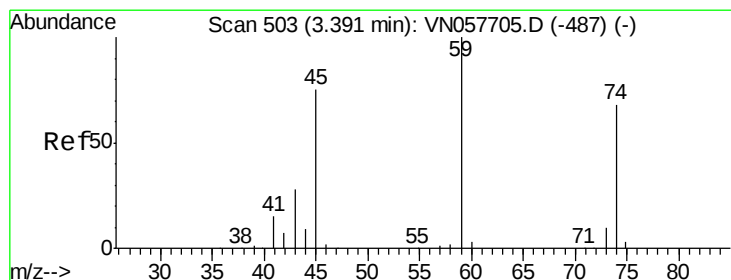
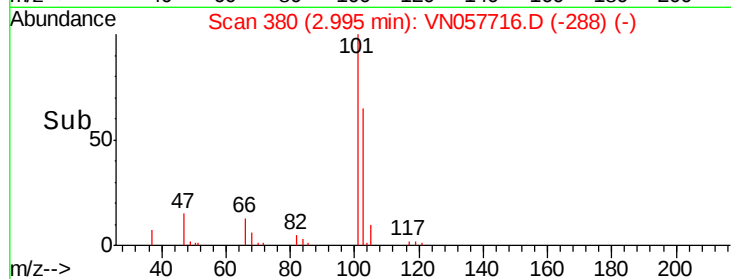
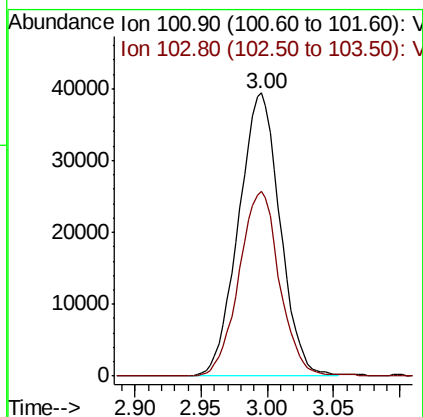
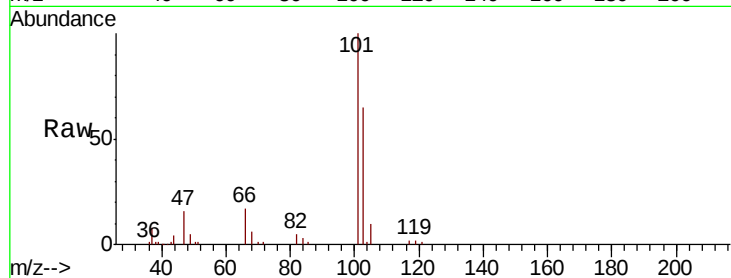


#7

Trichlorofluoromethane
Concen: 19.508 ug/l
RT: 3.00 min Scan# 380
Delta R.T. -0.00 min
Lab File: VN057716.D
Acq: 6 Sep 2019 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

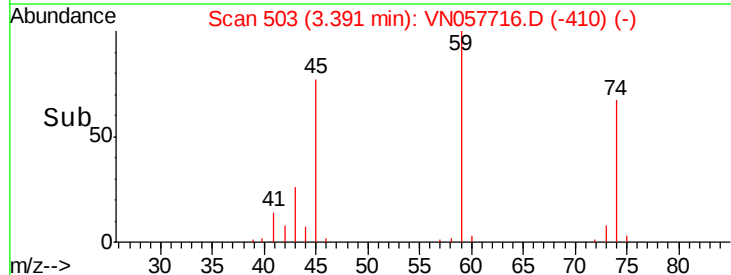
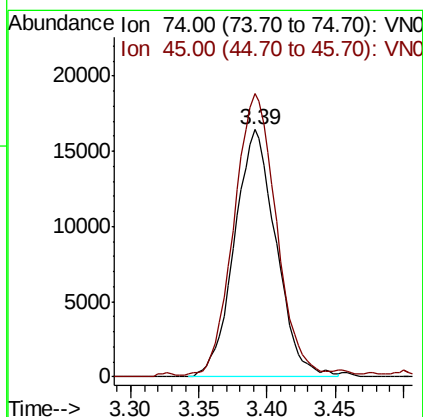
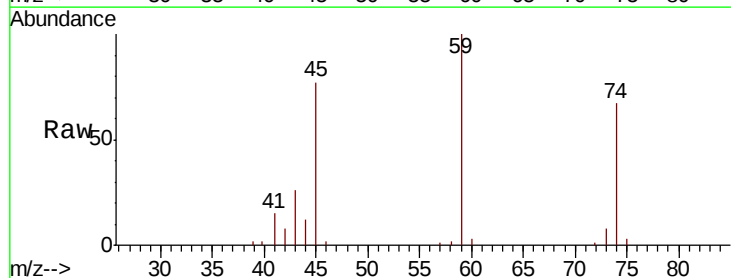
Tgt Ion:101 Resp: 85435
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.0

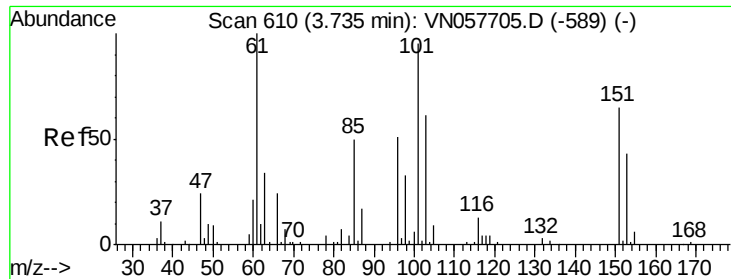


#8

Diethyl Ether
Concen: 19.921 ug/l
RT: 3.39 min Scan# 503
Delta R.T. 0.00 min
Lab File: VN057716.D
Acq: 6 Sep 2019 16:46

Tgt Ion: 74 Resp: 34860
Ion Ratio Lower Upper
74 100
45 114.4 55.4 166.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.459 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

Instrument :

MSVOA_N

ClientSampled :

VN0906WBS01

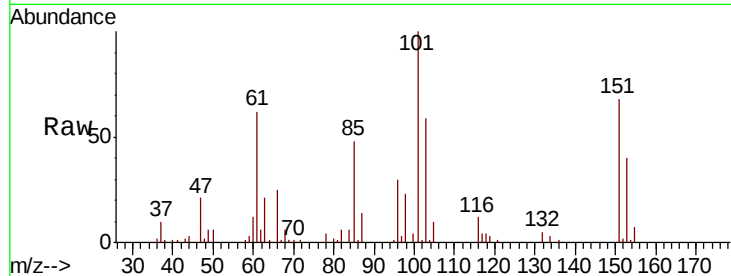
Tgt Ion:101 Resp: 58651

Ion Ratio Lower Upper

101 100

85 49.5 42.8 64.2

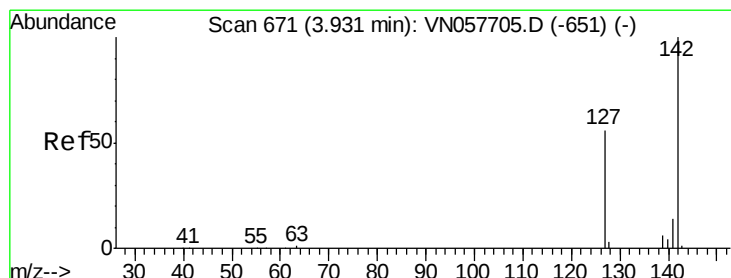
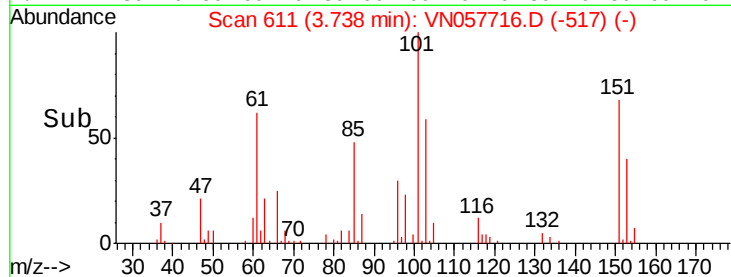
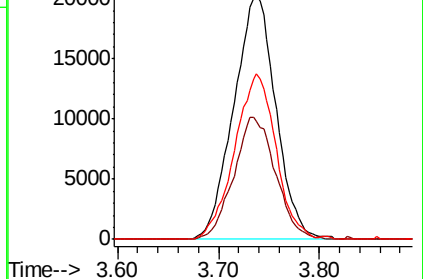
151 66.5 55.5 83.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.447 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

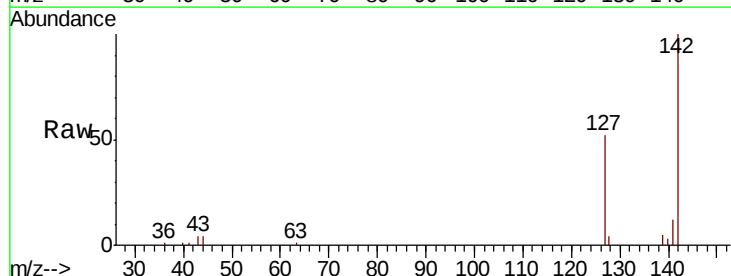
Tgt Ion:142 Resp: 58078

Ion Ratio Lower Upper

142 100

127 55.0 42.1 63.1

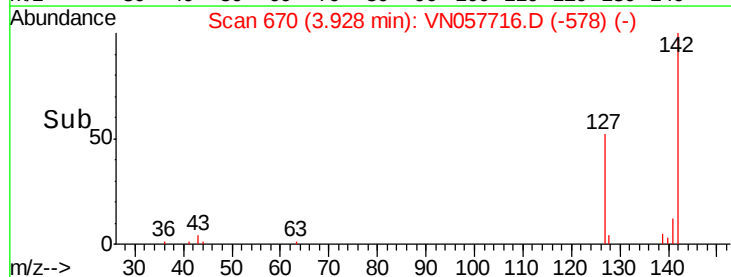
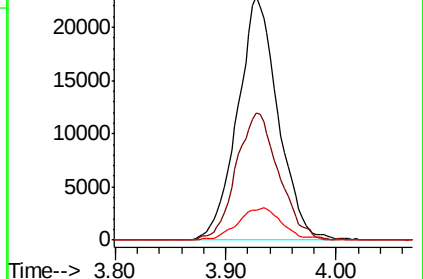
141 14.5 11.0 16.4

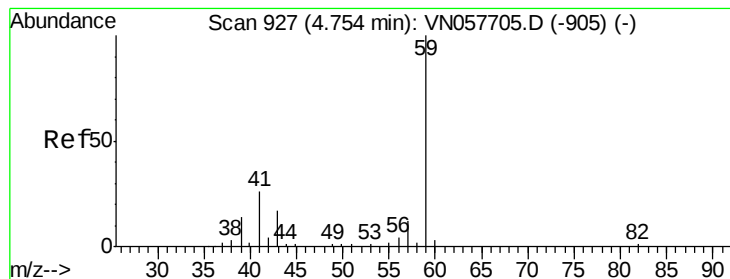


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



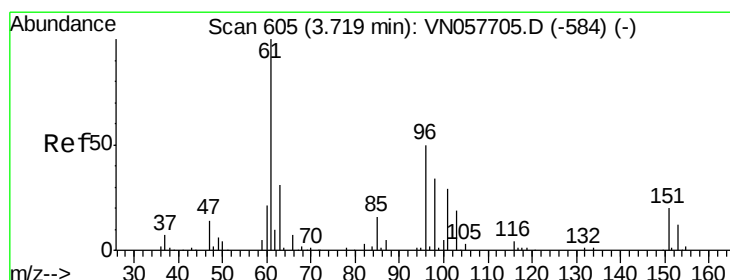
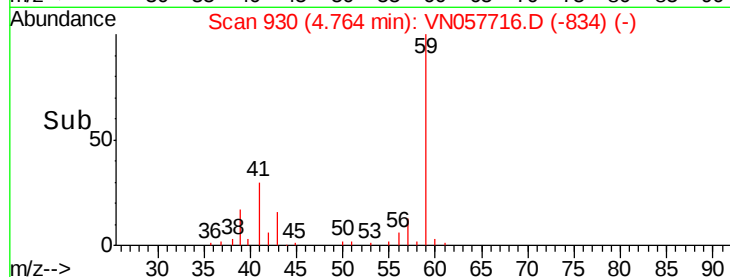
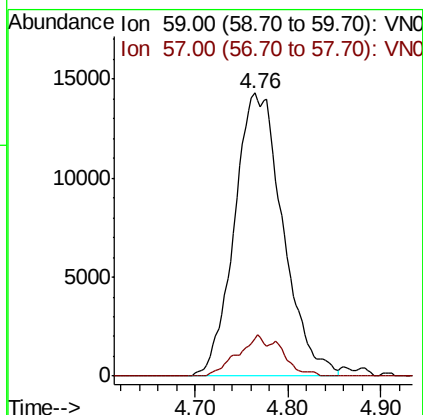
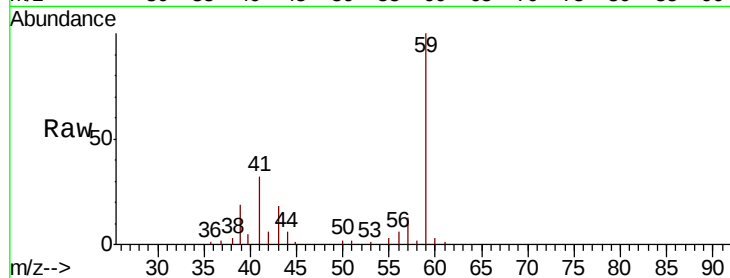


#11

Tert butyl alcohol
 Concen: 94.682 ug/l
 RT: 4.76 min Scan# 930
 Delta R.T. 0.01 min
 Lab File: VN057716.D
 Acq: 6 Sep 2019 16:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBS01

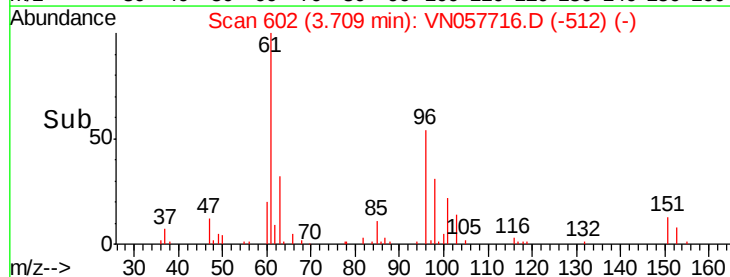
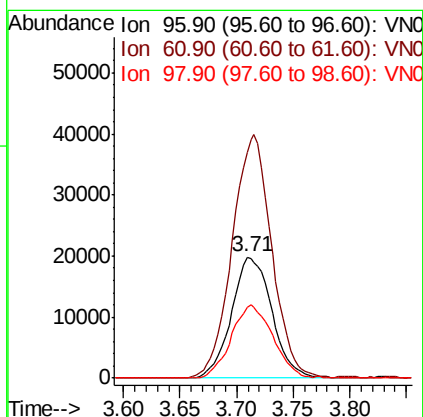
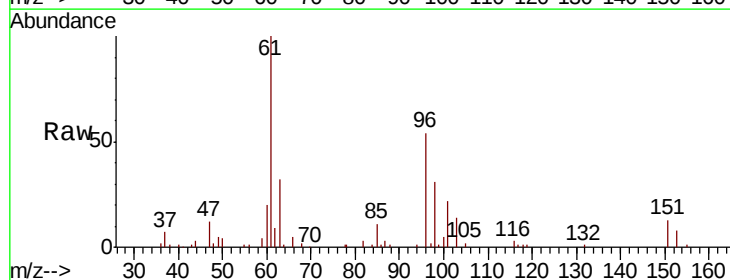
Tgt Ion: 59 Resp: 51928
 Ion Ratio Lower Upper
 59 100
 57 8.2 8.9 13.3#

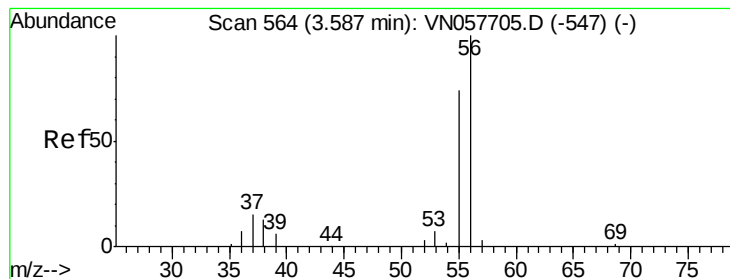


#12

1,1-Dichloroethene
 Concen: 19.957 ug/l
 RT: 3.71 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VN057716.D
 Acq: 6 Sep 2019 16:46

Tgt Ion: 96 Resp: 49078
 Ion Ratio Lower Upper
 96 100
 61 186.0 158.7 238.1
 98 58.4 53.8 80.8





#13

Acrolein

Concen: 87.771 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

Instrument :

MSVOA_N

ClientSampled :

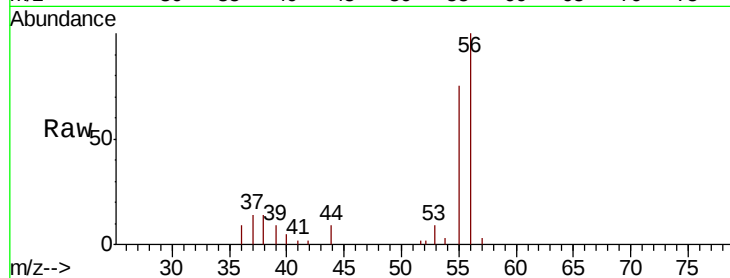
VN0906WBS01

Tgt Ion: 56 Resp: 22893

Ion Ratio Lower Upper

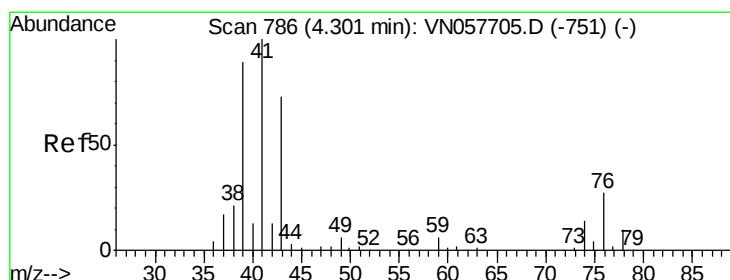
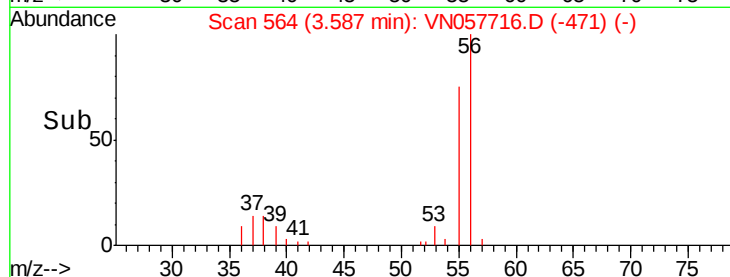
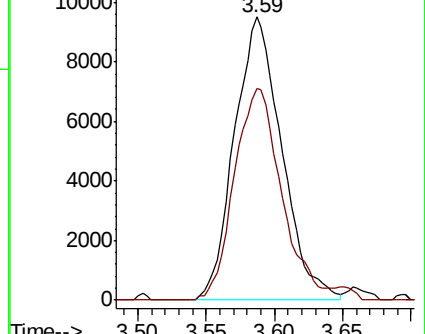
56 100

55 74.7 55.4 83.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.109 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

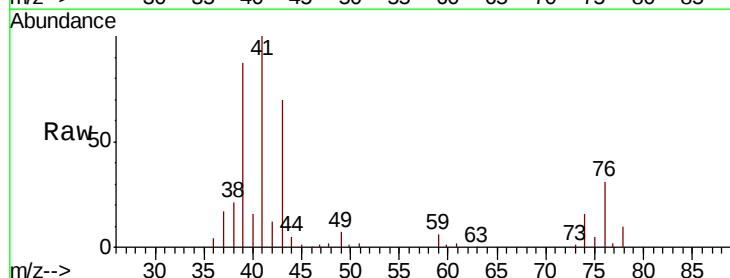
Tgt Ion: 41 Resp: 107382

Ion Ratio Lower Upper

41 100

39 83.7 67.5 101.3

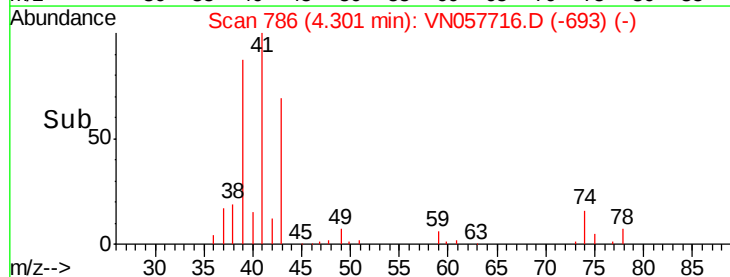
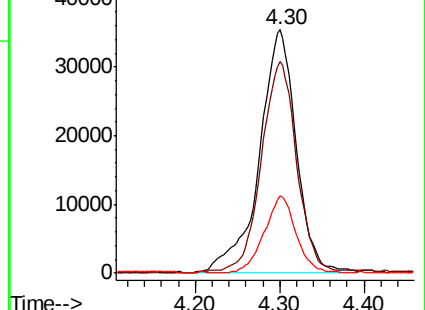
76 27.4 21.4 32.2

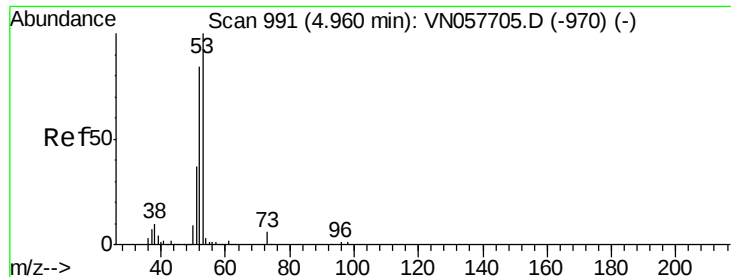


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 106.469 ug/l

RT: 4.96 min Scan# 991

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBS01

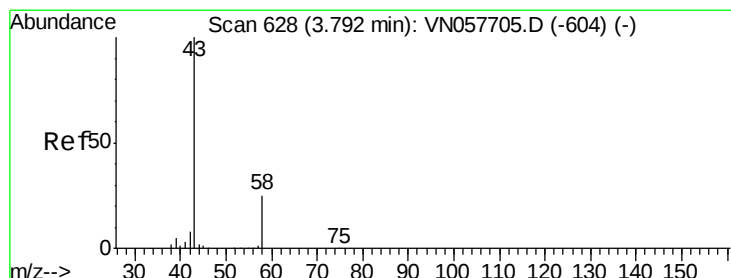
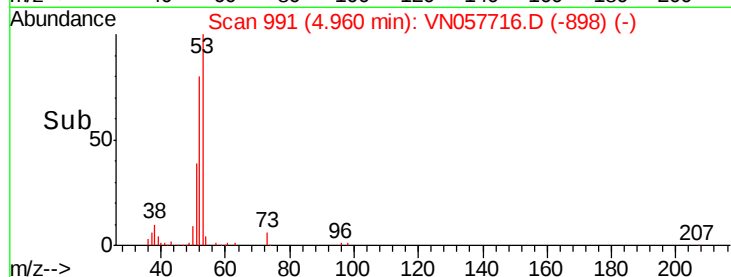
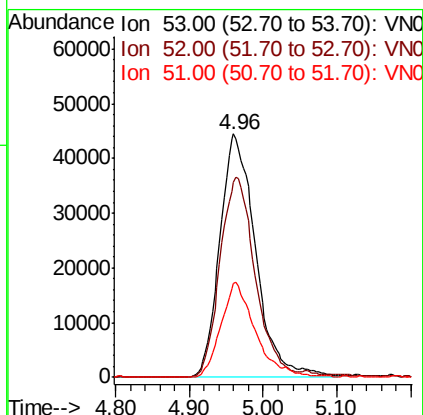
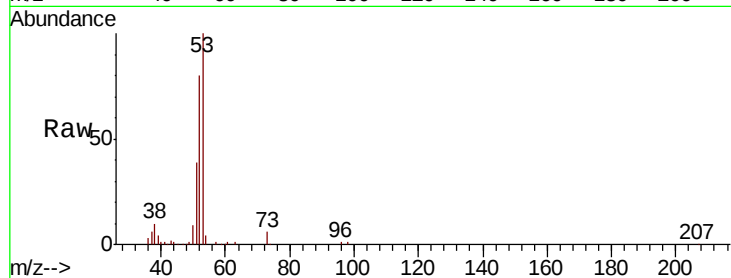
Tgt Ion: 53 Resp: 150124

Ion Ratio Lower Upper

53 100

52 80.8 68.1 102.1

51 37.5 30.4 45.6



#16

Acetone

Concen: 109.578 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN057716.D

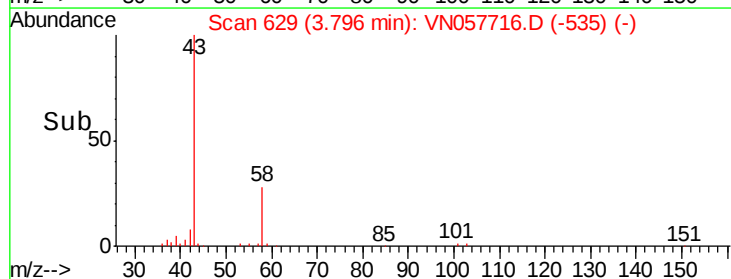
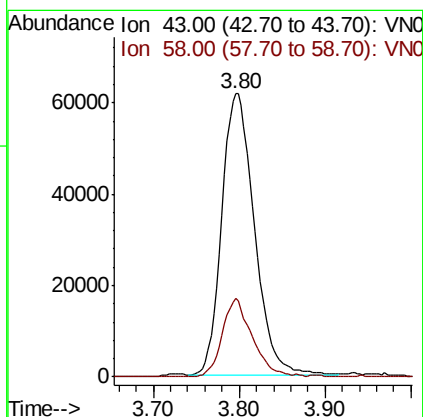
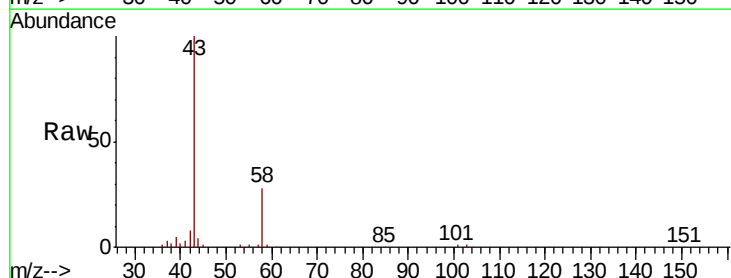
Acq: 6 Sep 2019 16:46

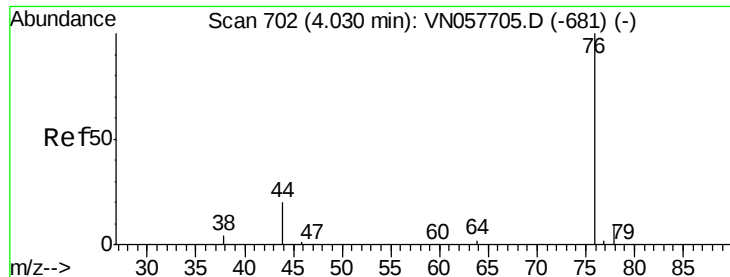
Tgt Ion: 43 Resp: 162775

Ion Ratio Lower Upper

43 100

58 27.5 19.8 29.8

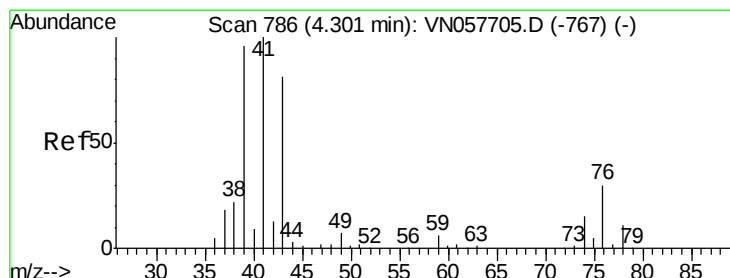
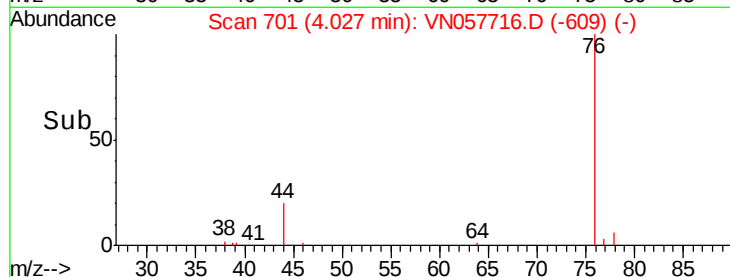
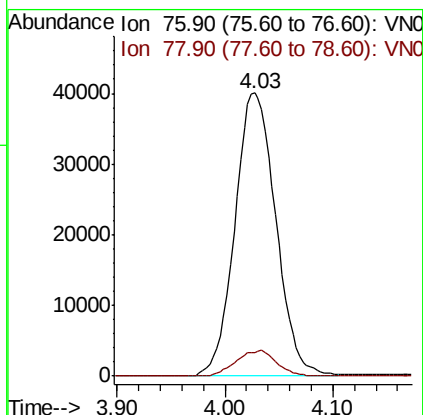
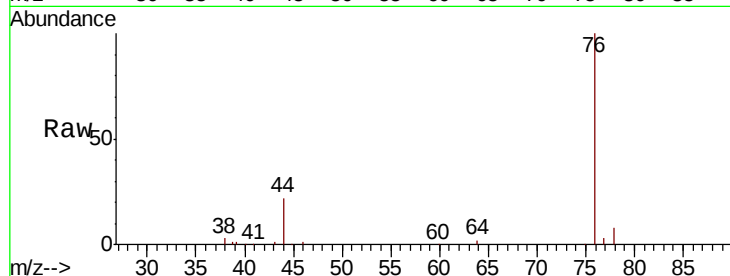




#17
Carbon Disulfide
Concen: 18.969 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN057716.D
Acq: 6 Sep 2019 16:46

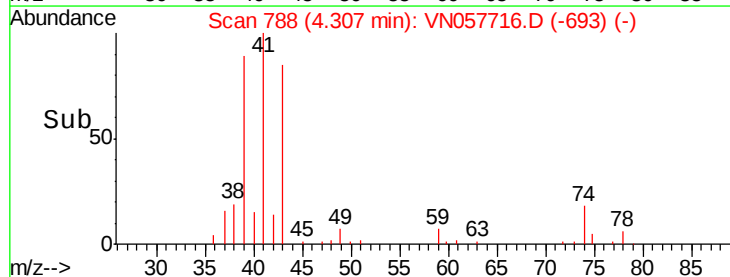
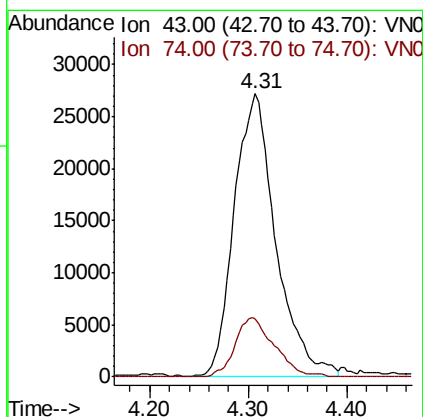
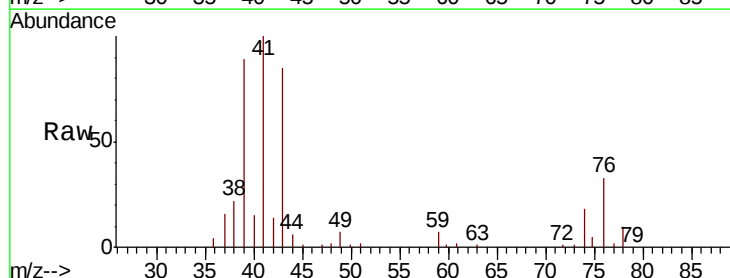
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

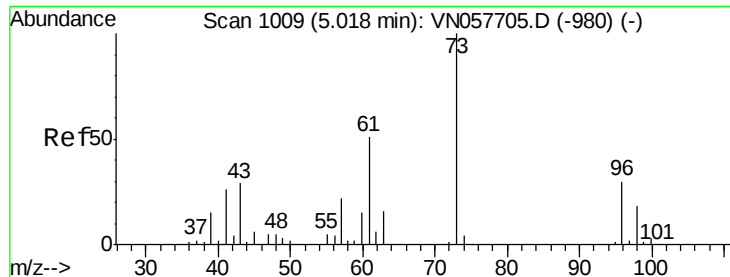
Tgt Ion: 76 Resp: 105689
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.6



#18
Methyl Acetate
Concen: 19.815 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.01 min
Lab File: VN057716.D
Acq: 6 Sep 2019 16:46

Tgt Ion: 43 Resp: 80043
Ion Ratio Lower Upper
43 100
74 19.5 15.3 22.9

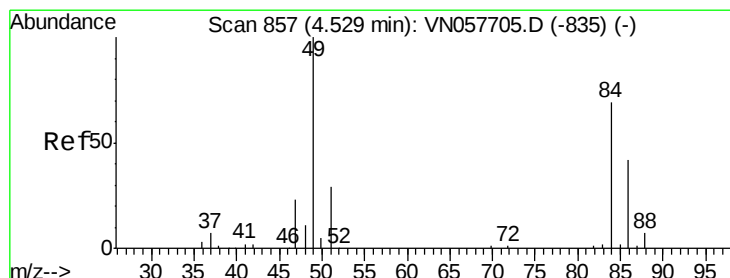
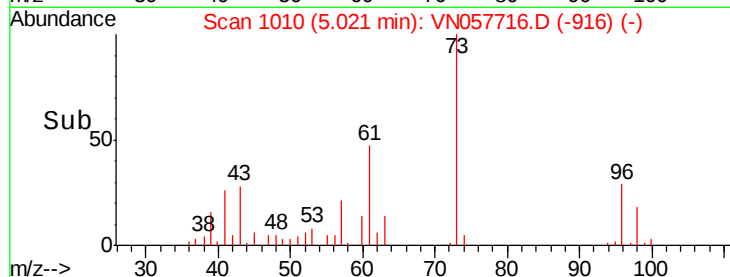
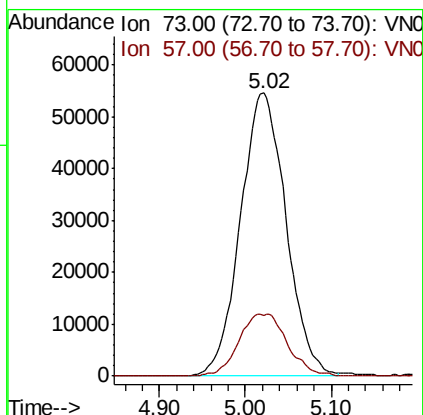
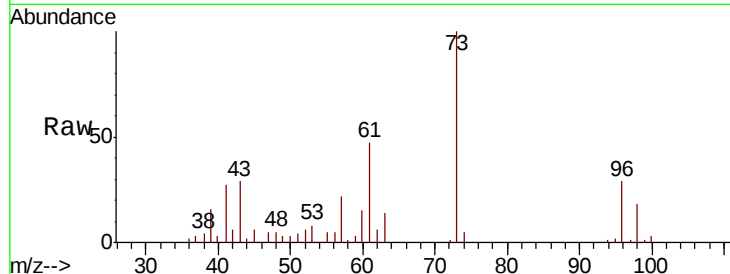




#19
Methyl tert-butyl Ether
Concen: 19.478 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN057716.D
Acq: 6 Sep 2019 16:46

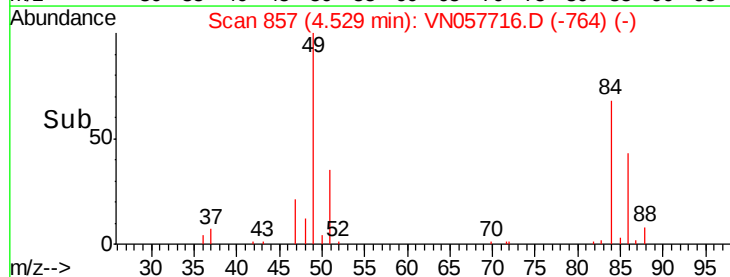
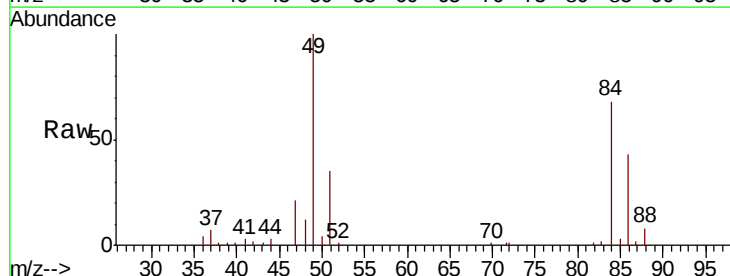
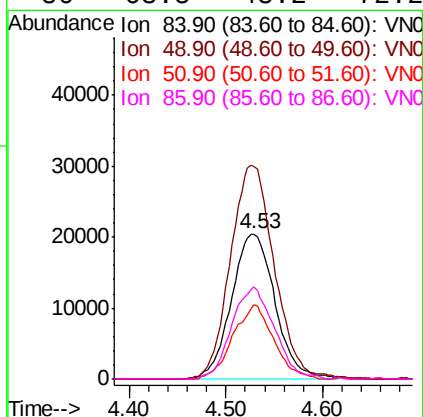
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

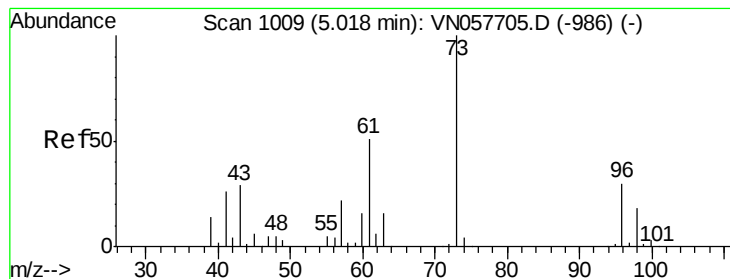
Tgt Ion: 73 Resp: 201092
Ion Ratio Lower Upper
73 100
57 21.6 17.7 26.5



#20
Methylene Chloride
Concen: 19.937 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN057716.D
Acq: 6 Sep 2019 16:46

Tgt Ion: 84 Resp: 64036
Ion Ratio Lower Upper
84 100
49 146.1 115.0 172.6
51 51.1 33.8 50.8#
86 63.5 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 20.595 ug/l

RT: 5.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBS01

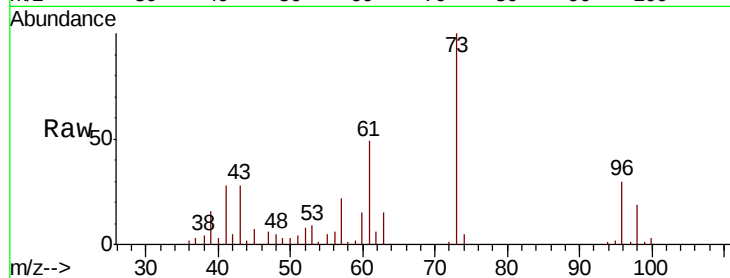
Tgt Ion: 96 Resp: 53292

Ion Ratio Lower Upper

96 100

61 166.6 135.8 203.8

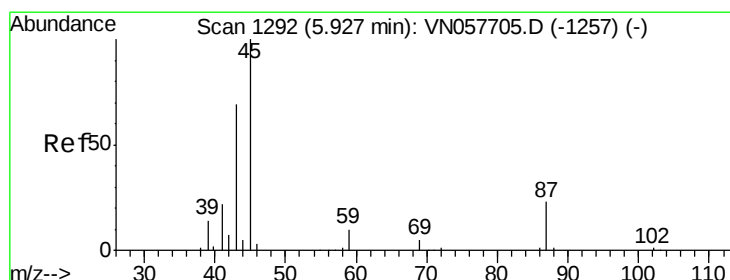
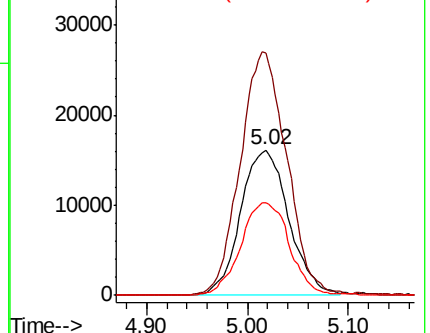
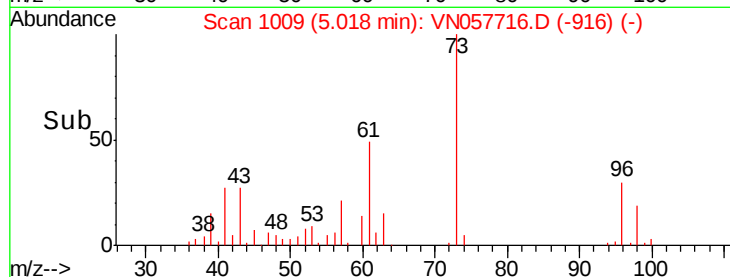
98 64.0 49.0 73.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.298 ug/l

RT: 5.93 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

Tgt Ion: 45 Resp: 241293

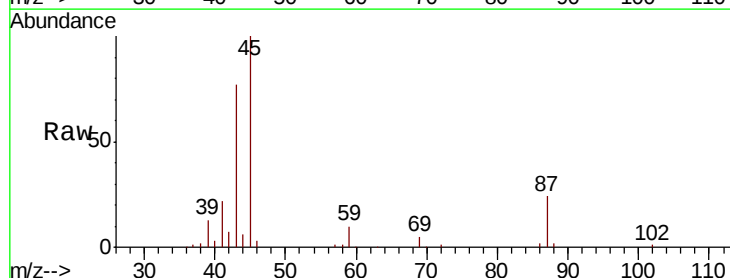
Ion Ratio Lower Upper

45 100

43 74.9 55.5 83.3

87 24.1 18.6 28.0

59 9.6 7.9 11.9

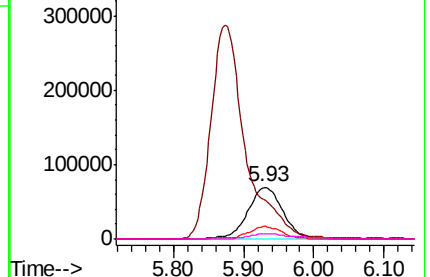
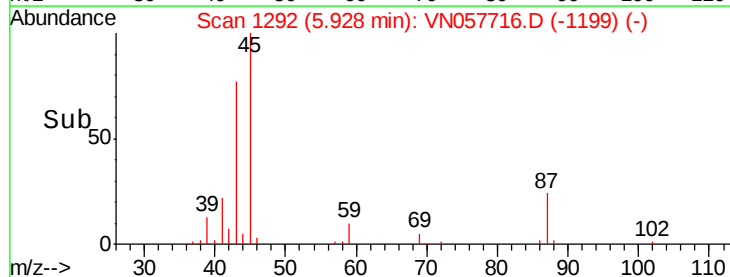


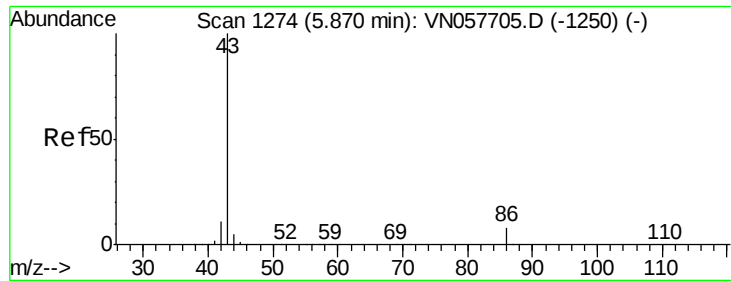
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 102.596 ug/l

RT: 5.87 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

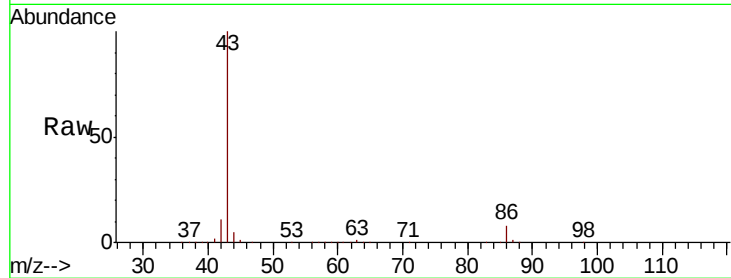
VN0906WBS01

Tgt Ion: 43 Resp: 987178

Ion Ratio Lower Upper

43 100

86 7.6 6.2 9.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.87

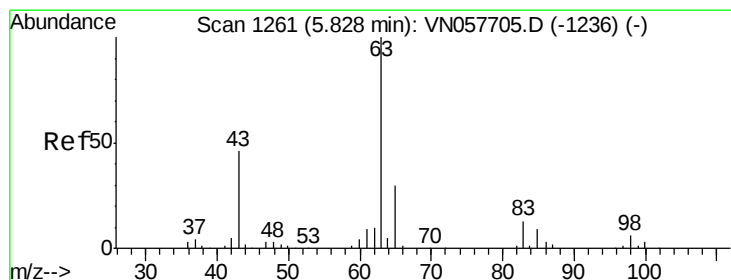
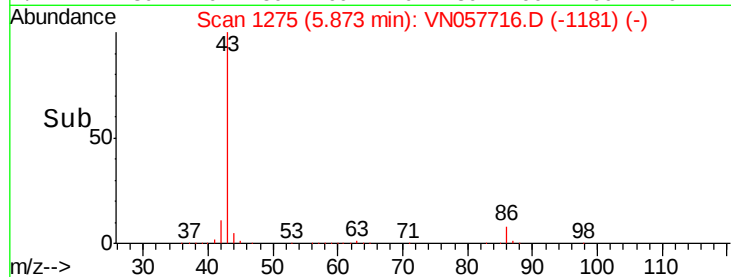
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.911 ug/l

RT: 5.83 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

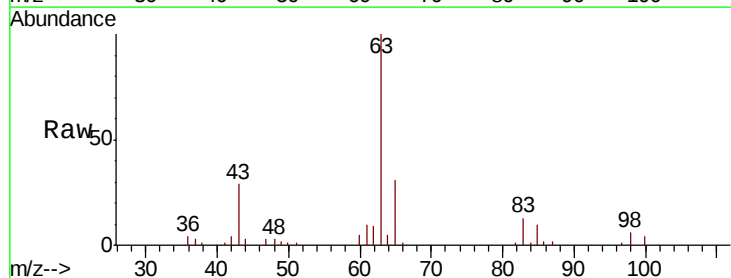
Tgt Ion: 63 Resp: 121361

Ion Ratio Lower Upper

63 100

98 5.6 2.9 8.8

100 3.7 1.7 5.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.83

50000

40000

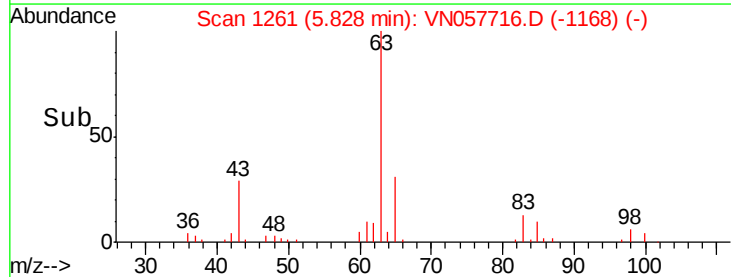
30000

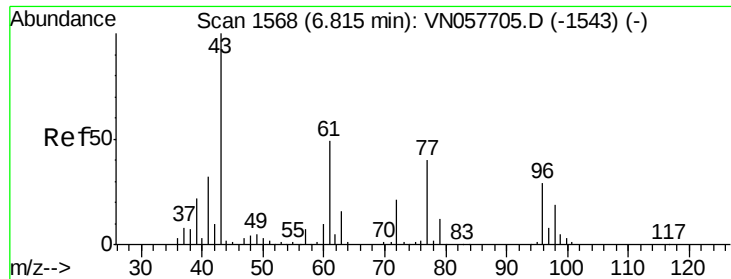
20000

10000

0

Time-->





#25

2-Butanone

Concen: 105.191 ug/l

RT: 6.82 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

Instrument :

MSVOA_N

ClientSampled :

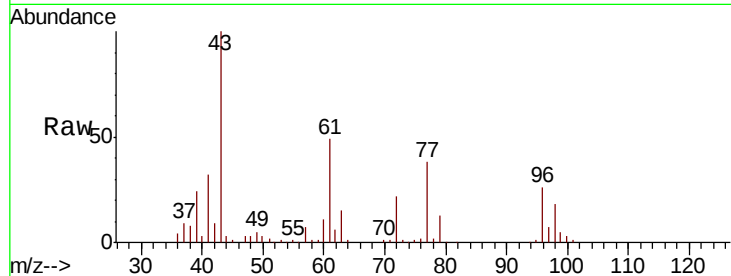
VN0906WBS01

Tgt Ion: 43 Resp: 223774

Ion Ratio Lower Upper

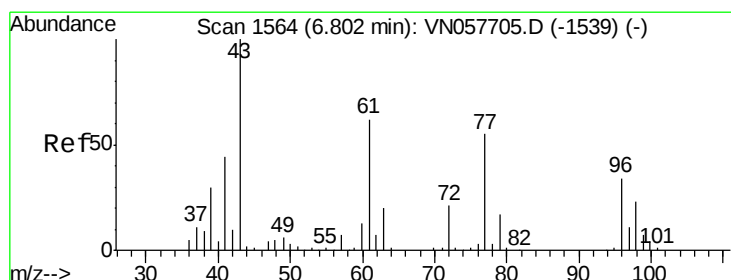
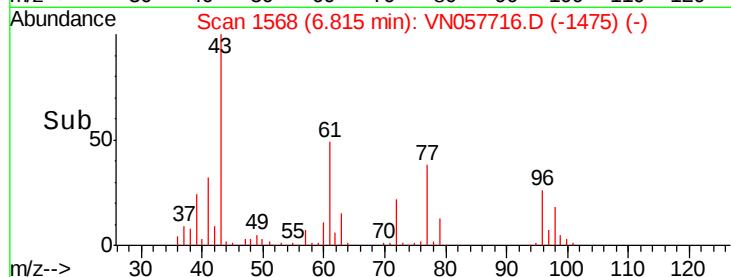
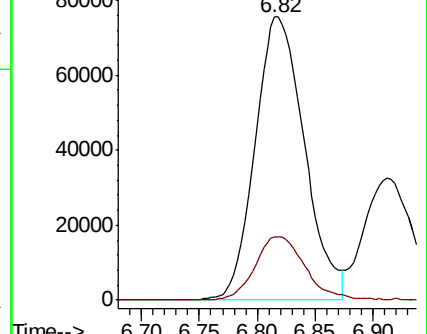
43 100

72 22.2 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 19.879 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN057716.D

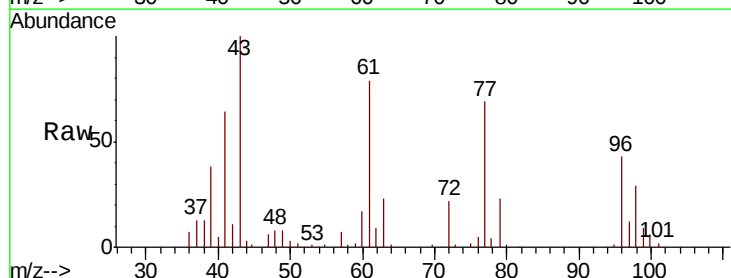
Acq: 6 Sep 2019 16:46

Tgt Ion: 77 Resp: 101087

Ion Ratio Lower Upper

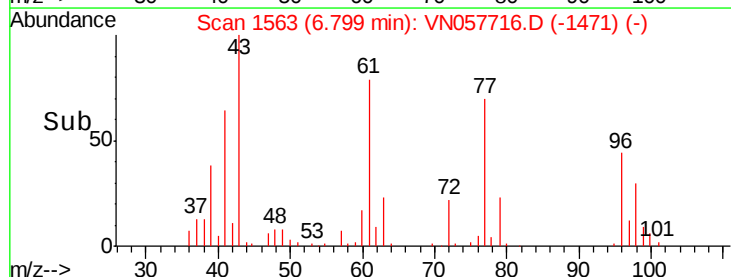
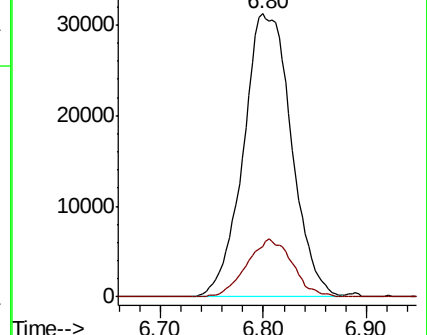
77 100

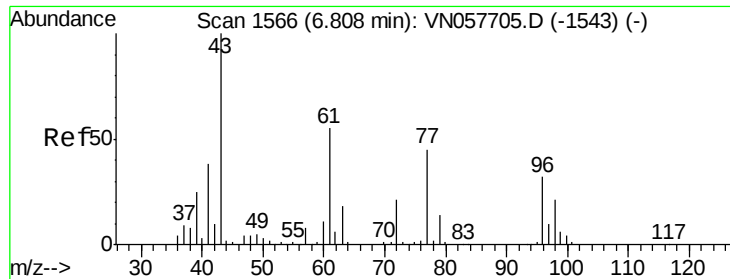
97 19.4 10.1 30.1



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: 19.125 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

Instrument :

MSVOA_N

ClientSampled :

VN0906WBS01

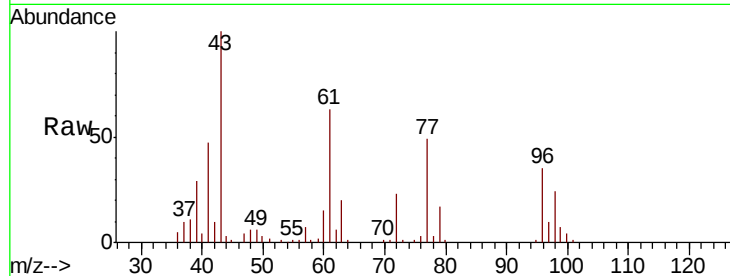
Tgt Ion: 96 Resp: 62120

Ion Ratio Lower Upper

96 100

61 192.1 0.0 360.6

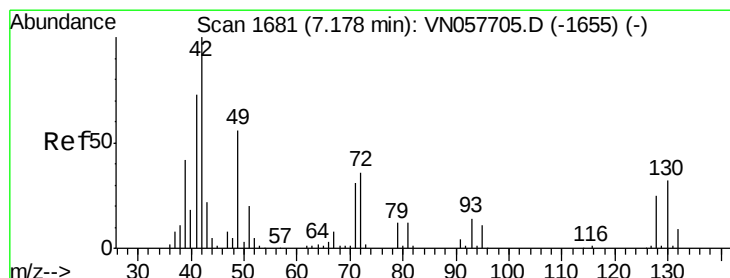
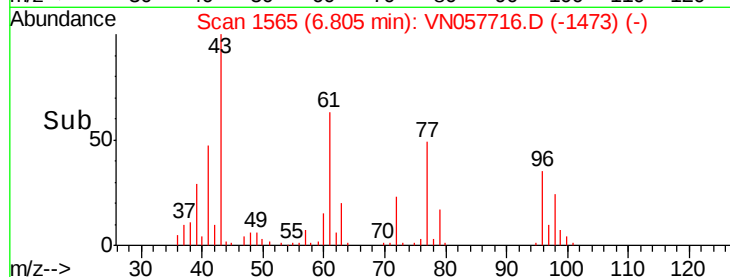
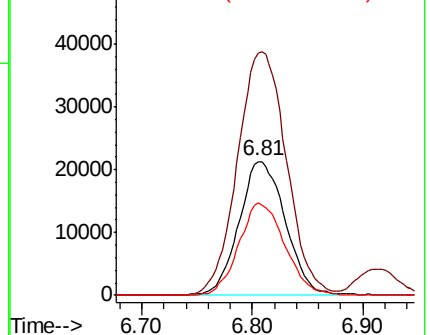
98 68.2 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 18.752 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

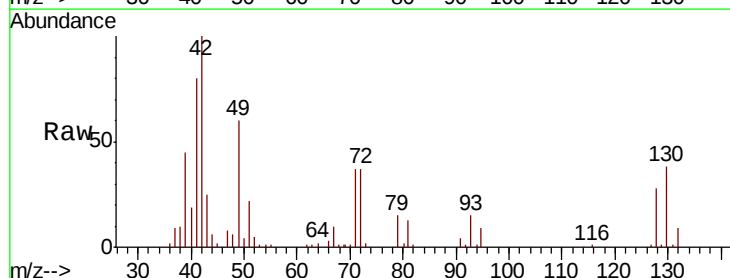
Tgt Ion: 49 Resp: 59804

Ion Ratio Lower Upper

49 100

129 0.4 0.0 2.4

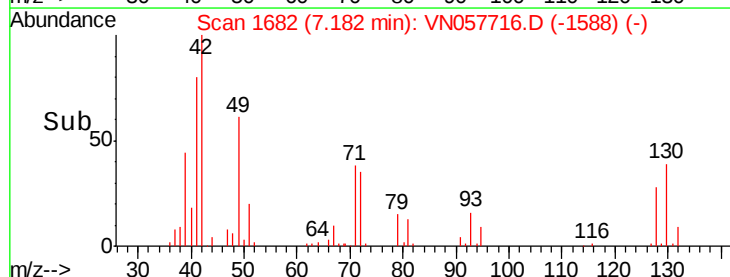
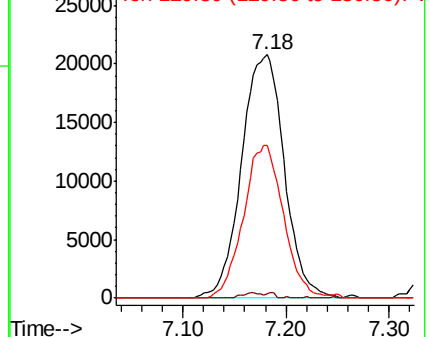
130 58.6 45.8 68.8

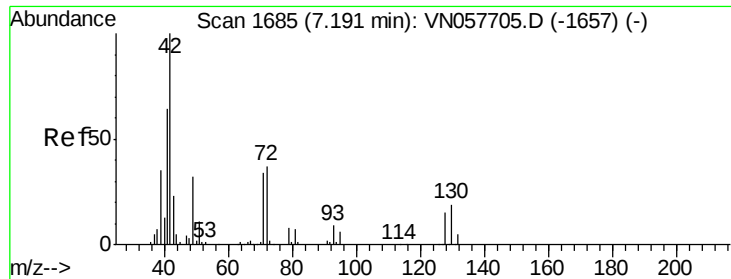


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

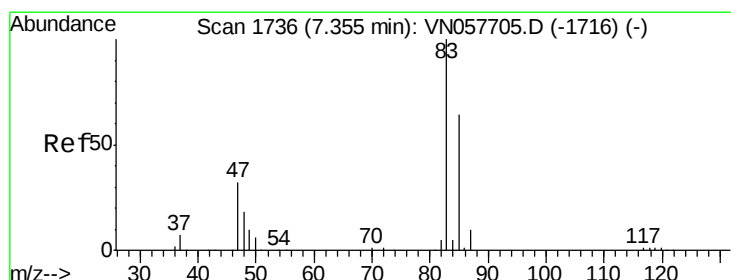
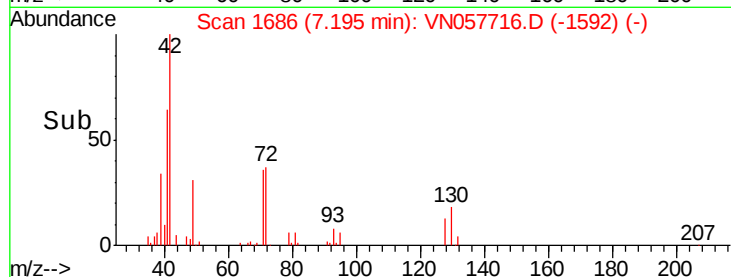
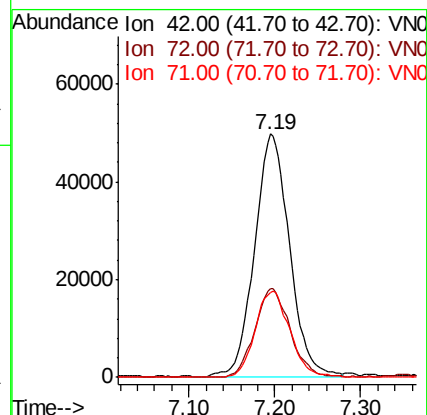
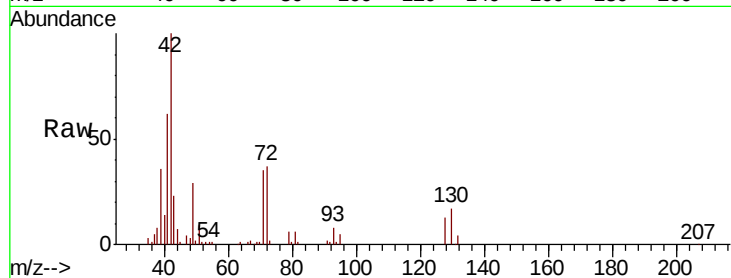




#29
Tetrahydrofuran
Concen: 103.366 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VN057716.D
Acq: 6 Sep 2019 16:46

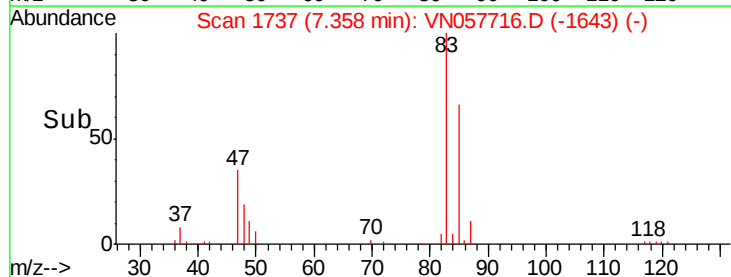
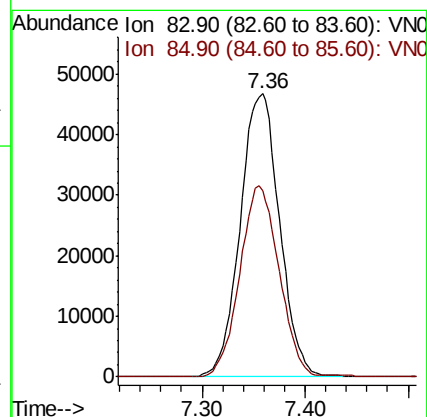
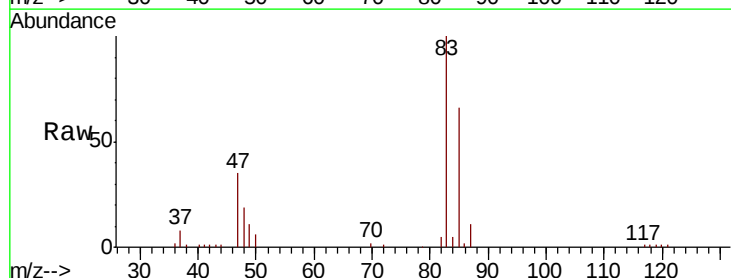
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

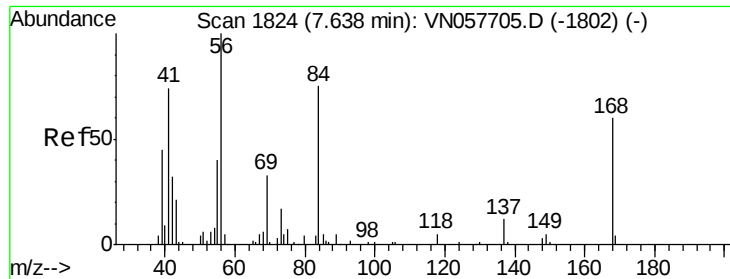
Tgt Ion: 42 Resp: 141808
Ion Ratio Lower Upper
42 100
72 36.4 29.2 43.8
71 35.2 27.0 40.4



#30
Chloroform
Concen: 19.554 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN057716.D
Acq: 6 Sep 2019 16:46

Tgt Ion: 83 Resp: 124194
Ion Ratio Lower Upper
83 100
85 65.7 51.3 76.9





#31

Cyclohexane

Concen: 20.246 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBS01

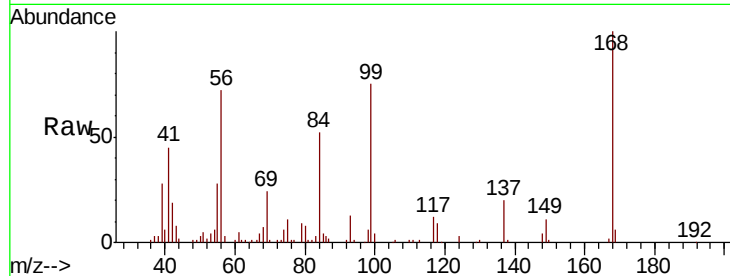
Tgt Ion: 56 Resp: 109693

Ion Ratio Lower Upper

56 100

69 33.4 26.2 39.2

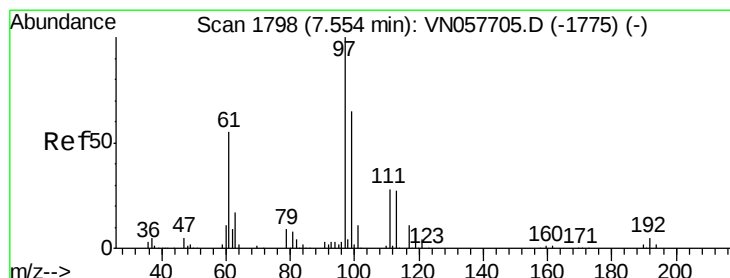
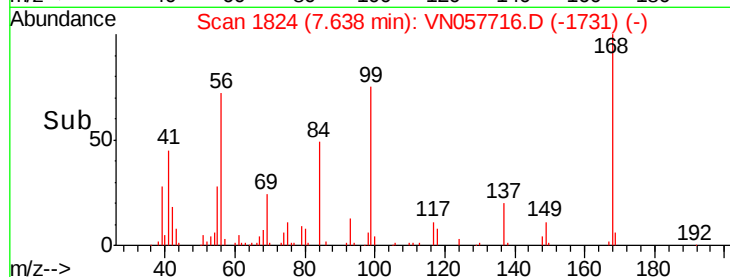
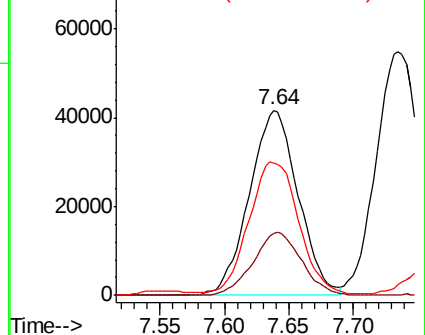
84 70.5 59.8 89.8



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: 19.762 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

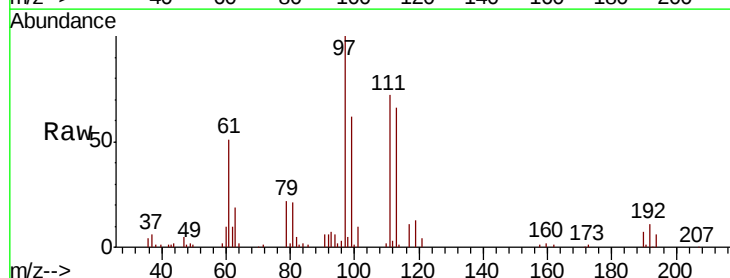
Tgt Ion: 97 Resp: 104549

Ion Ratio Lower Upper

97 100

99 64.1 51.2 76.8

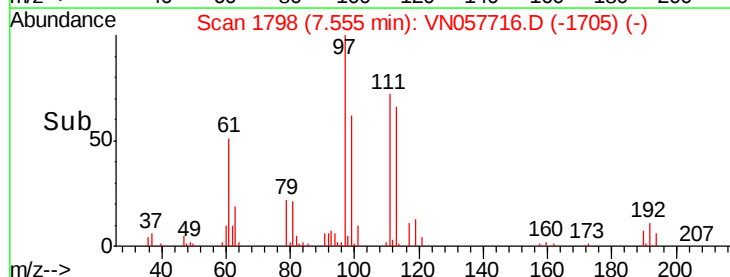
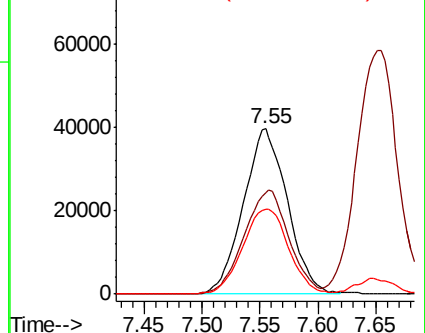
61 53.7 42.8 64.2

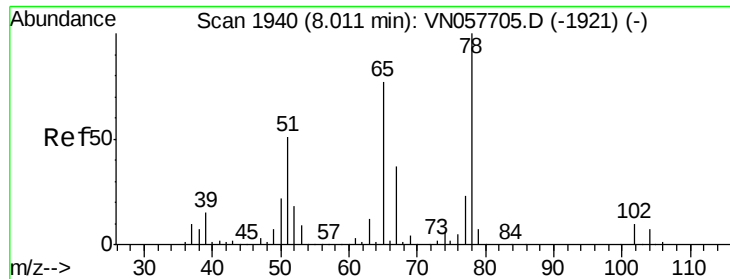


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

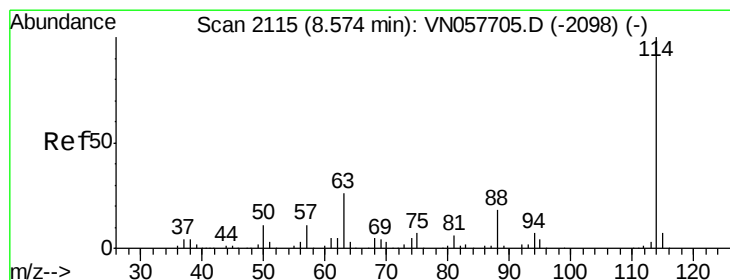
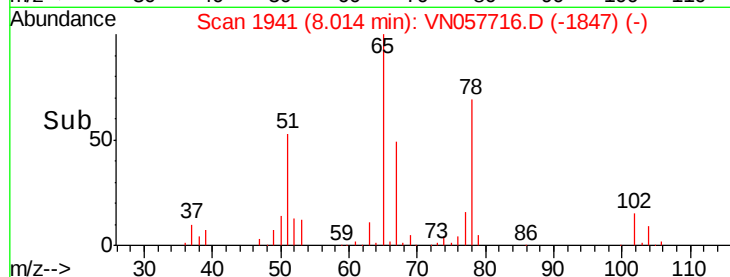
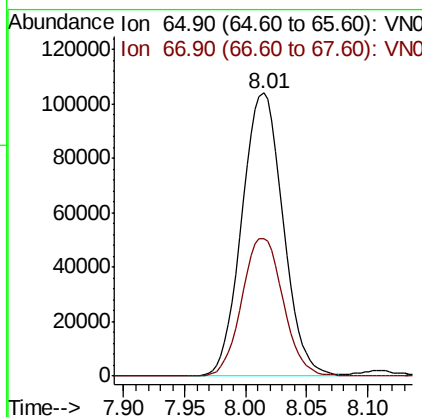
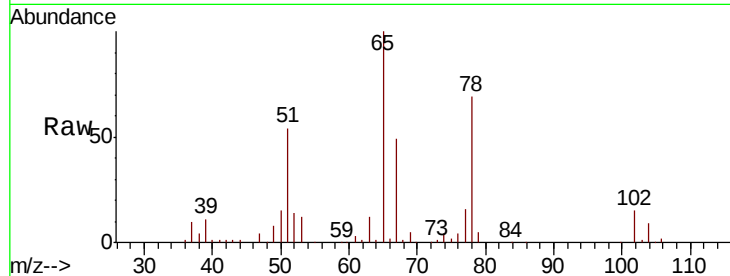




#33
 1,2-Dichloroethane-d4
 Concen: 50.438 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057716.D
 Acq: 6 Sep 2019 16:46

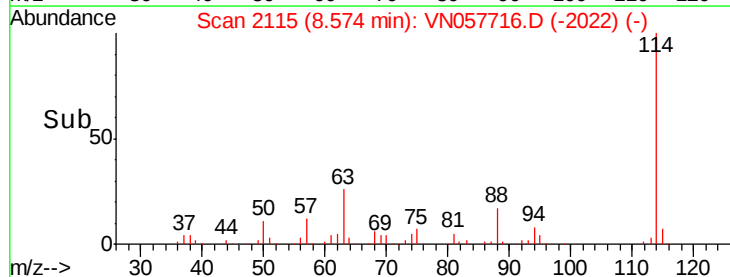
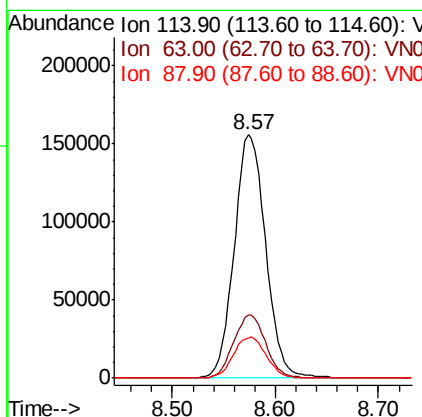
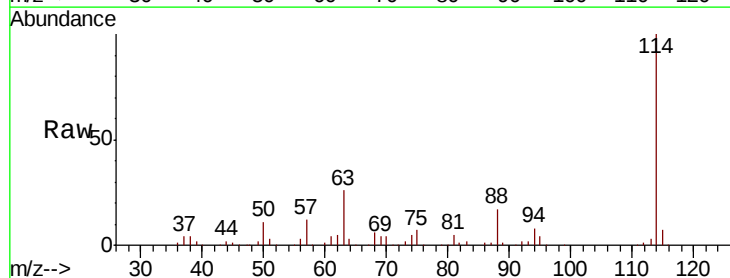
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBS01

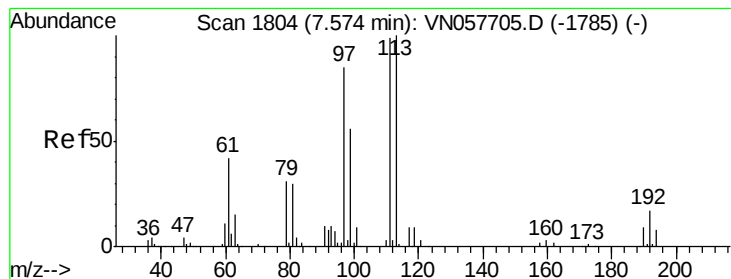
Tgt Ion: 65 Resp: 243467
 Ion Ratio Lower Upper
 65 100
 67 48.7 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057716.D
 Acq: 6 Sep 2019 16:46

Tgt Ion: 114 Resp: 331464
 Ion Ratio Lower Upper
 114 100
 63 26.1 0.0 52.4
 88 16.7 0.0 35.4





#35

Dibromofluoromethane

Concen: 50.853 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBS01

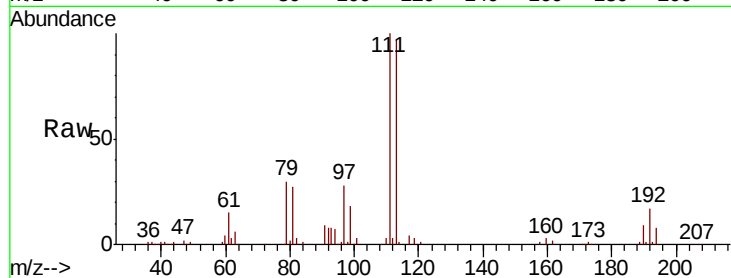
Tgt Ion: 113 Resp: 153531

Ion Ratio Lower Upper

113 100

111 103.3 82.7 124.1

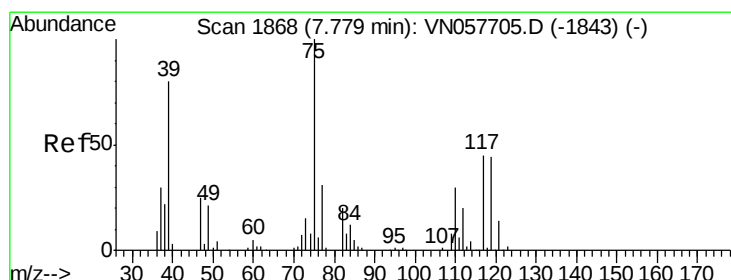
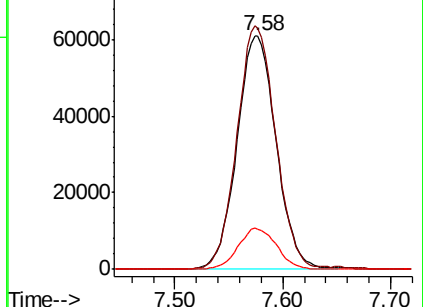
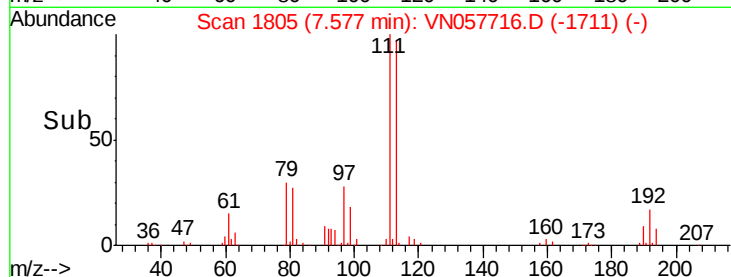
192 17.4 13.8 20.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.965 ug/l

RT: 7.78 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

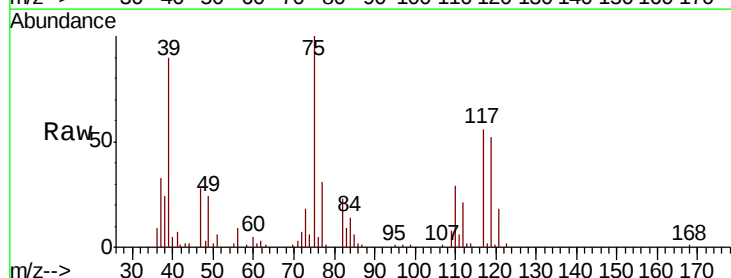
Tgt Ion: 75 Resp: 83630

Ion Ratio Lower Upper

75 100

110 30.4 15.0 45.0

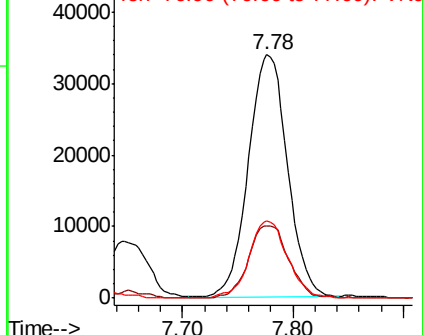
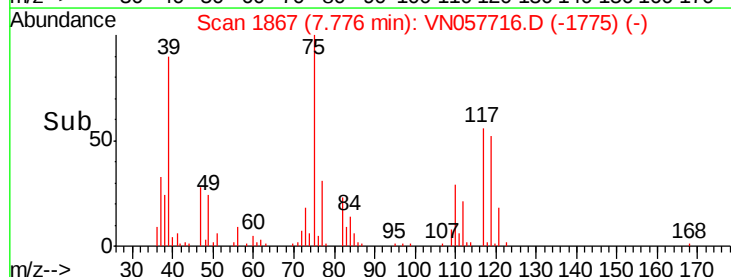
77 31.3 24.6 37.0

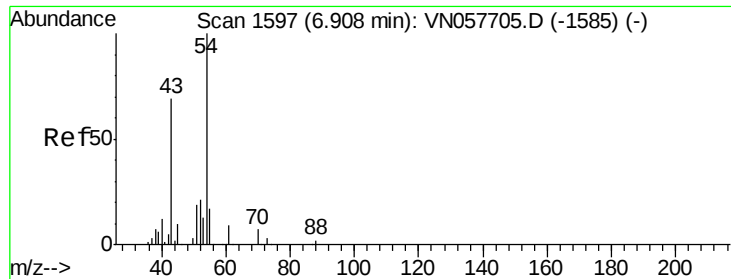


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

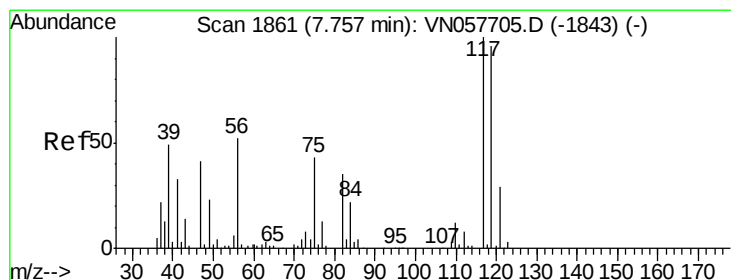
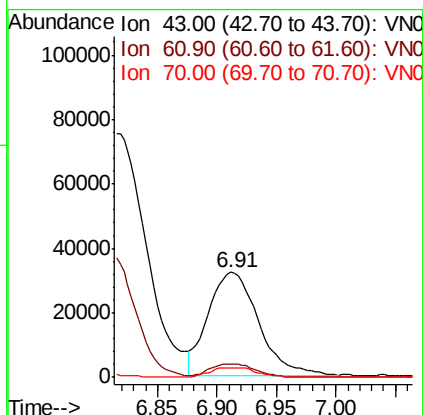
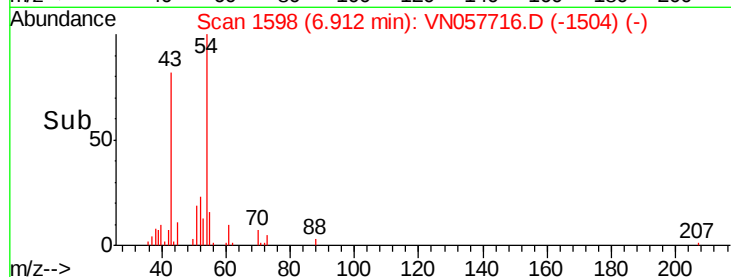
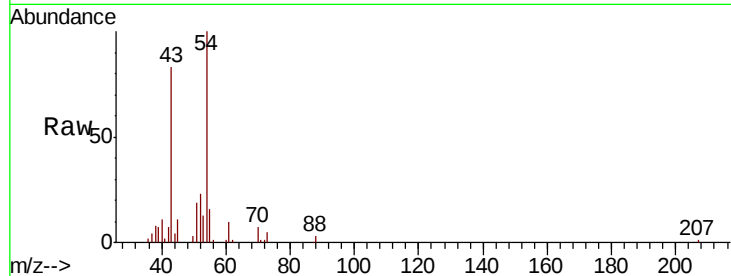




#37
Ethyl Acetate
Concen: 21.567 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VN057716.D
Acq: 6 Sep 2019 16:46

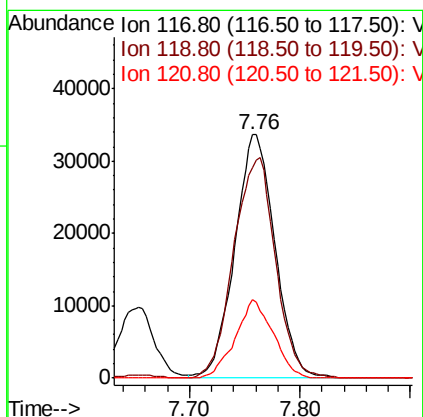
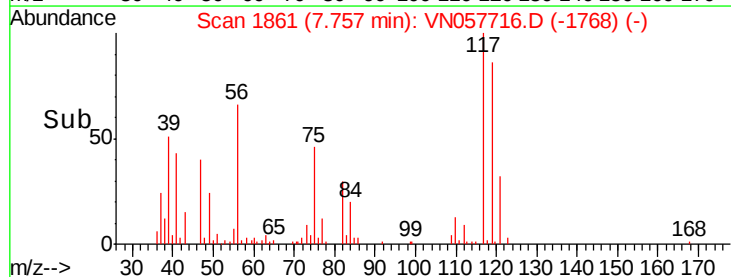
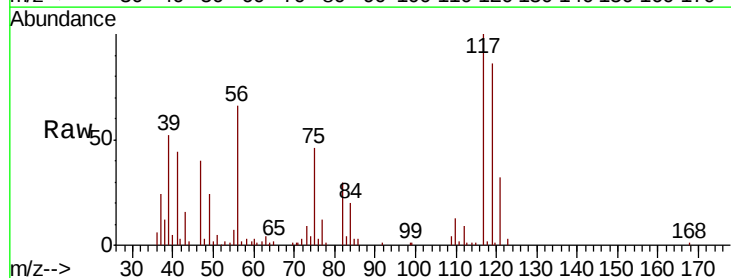
Instrument :
MSVOA_N
ClientSampled :
VN0906WBS01

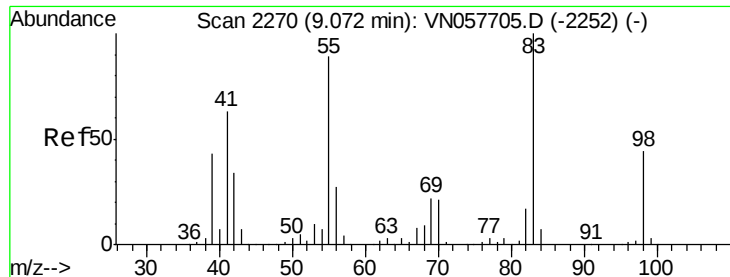
Tgt Ion: 43 Resp: 94415
Ion Ratio Lower Upper
43 100
61 11.9 9.8 14.8
70 4.7 6.7 10.1#



#38
Carbon Tetrachloride
Concen: 20.109 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN057716.D
Acq: 6 Sep 2019 16:46

Tgt Ion: 117 Resp: 84905
Ion Ratio Lower Upper
117 100
119 86.4 76.1 114.1
121 32.2 23.4 35.2

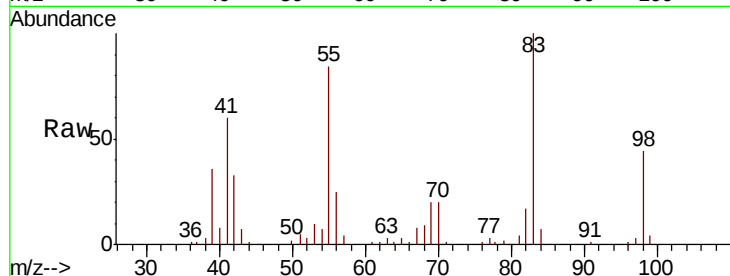




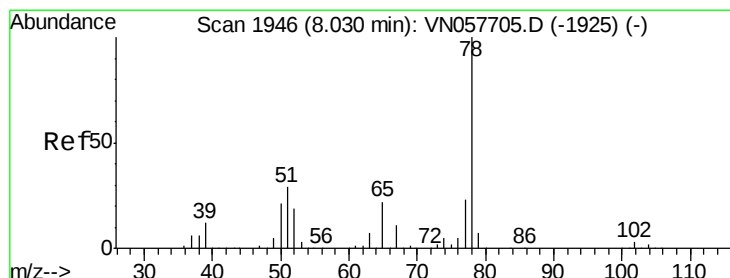
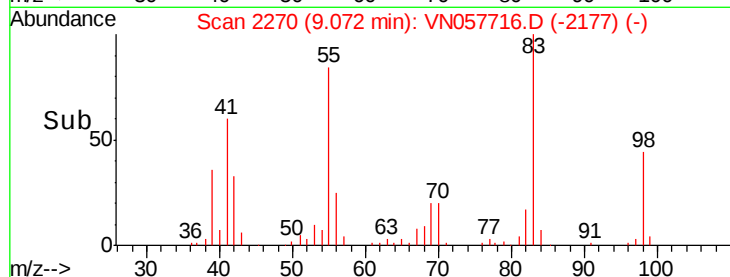
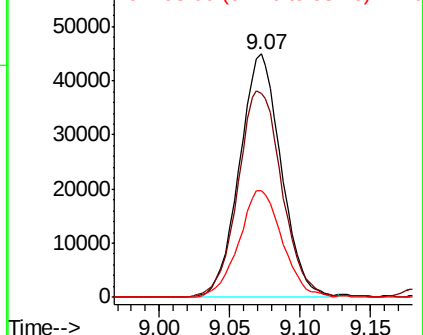
#39
Methylcyclohexane
Concen: 19.941 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN057716.D
Acq: 6 Sep 2019 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

Tgt Ion: 83 Resp: 93008
Ion Ratio Lower Upper
83 100
55 83.9 71.4 107.0
98 43.9 35.3 52.9

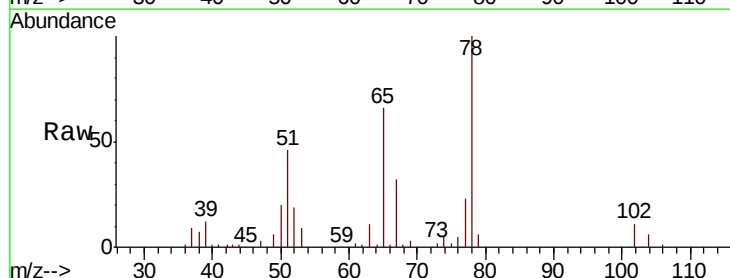


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

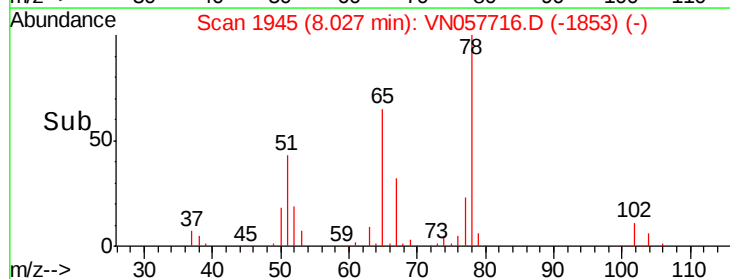
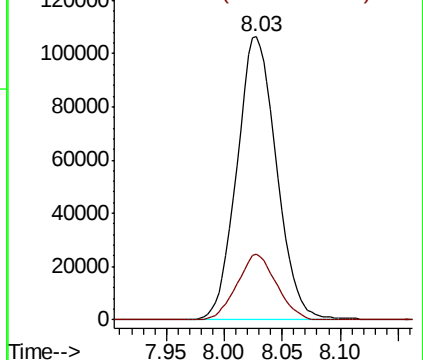


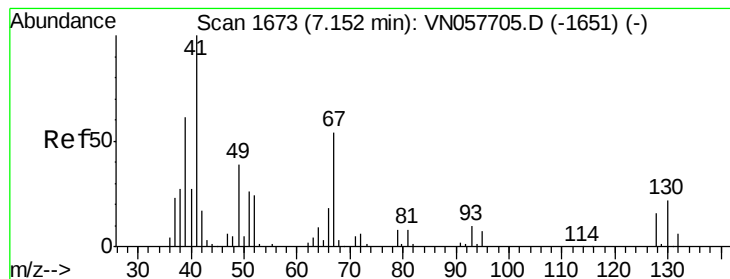
#40
Benzene
Concen: 20.229 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN057716.D
Acq: 6 Sep 2019 16:46

Tgt Ion: 78 Resp: 252302
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0



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





#41

Methacrylonitrile

Concen: 20.035 ug/l

RT: 7.16 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBS01

Tgt Ion: 41 Resp: 42873

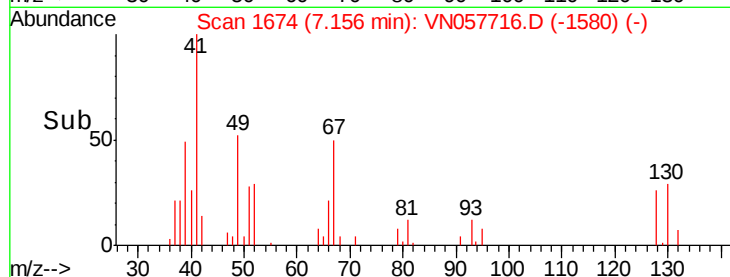
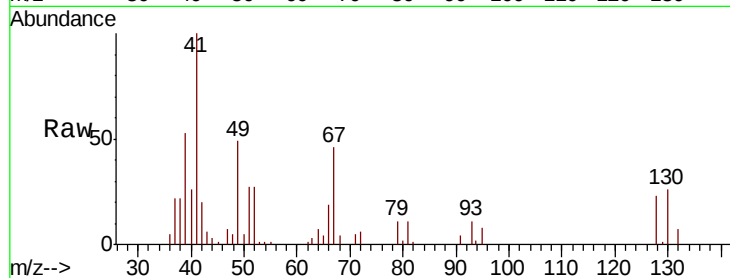
Ion Ratio Lower Upper

41 100

39 0.0 43.6 65.4#

67 72.9 59.8 89.6

52 39.2 30.7 46.1



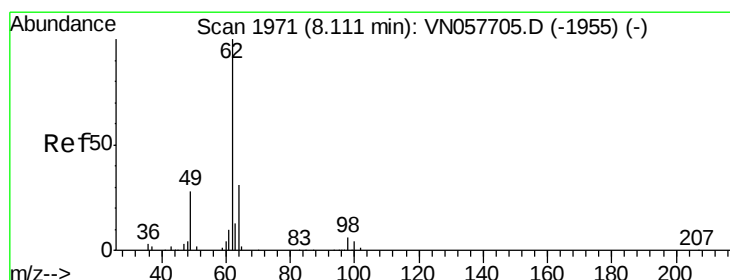
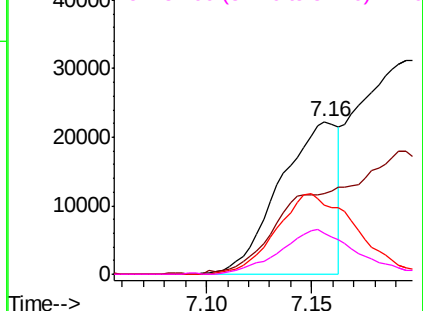
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42

1,2-Dichloroethane

Concen: 19.587 ug/l

RT: 8.11 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VN057716.D

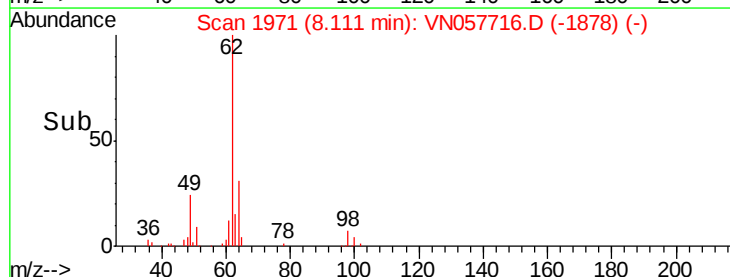
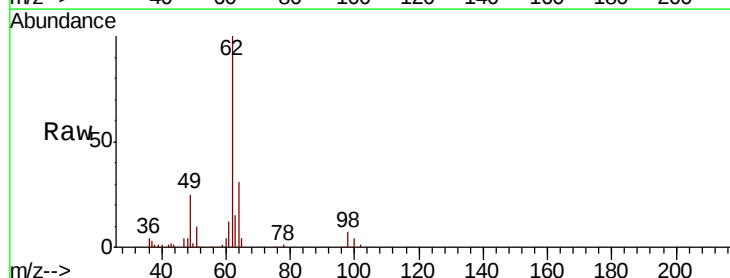
Acq: 6 Sep 2019 16:46

Tgt Ion: 62 Resp: 114511

Ion Ratio Lower Upper

62 100

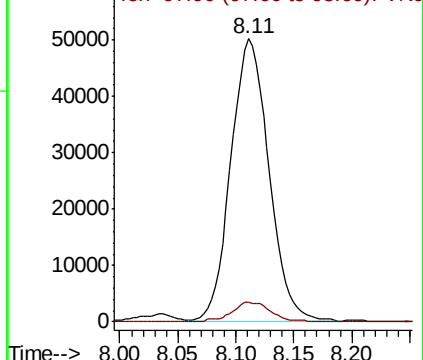
98 7.3 0.0 12.6

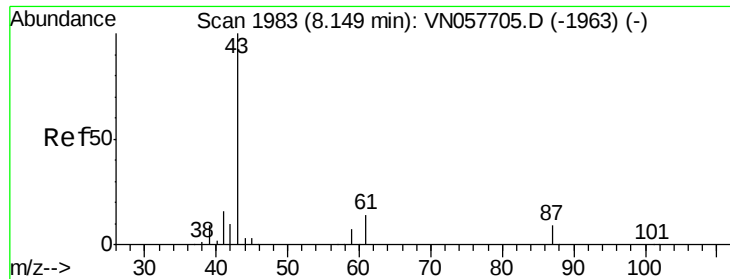


Abundance

Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 19.531 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBS01

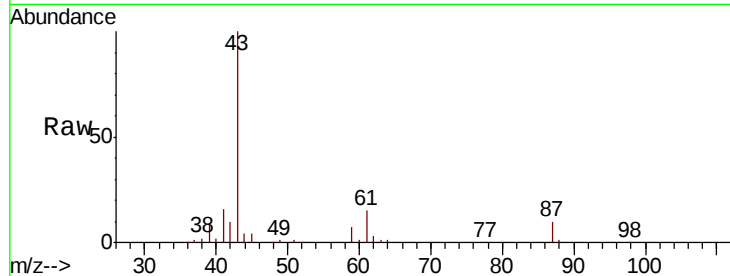
Tgt Ion: 43 Resp: 164114

Ion Ratio Lower Upper

43 100

61 16.3 12.8 19.2

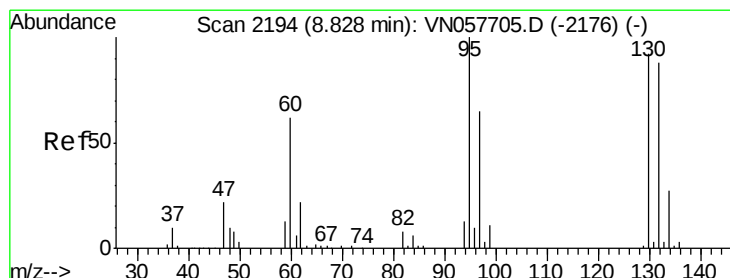
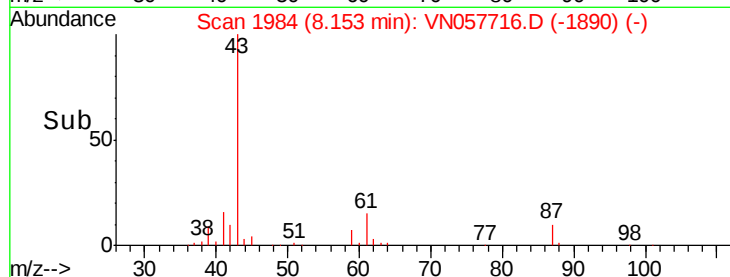
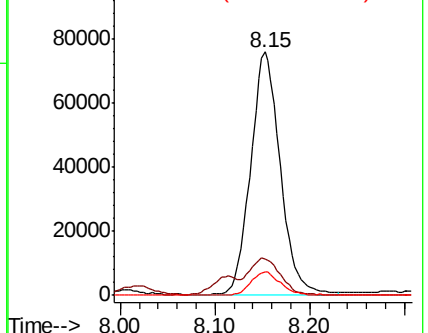
87 9.7 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 20.446 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN057716.D

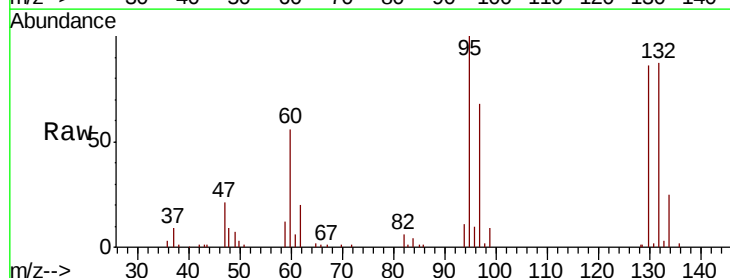
Acq: 6 Sep 2019 16:46

Tgt Ion: 130 Resp: 57316

Ion Ratio Lower Upper

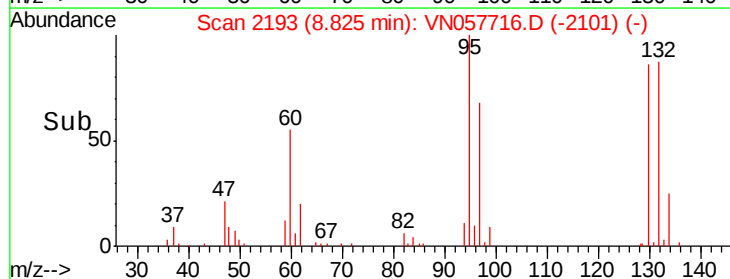
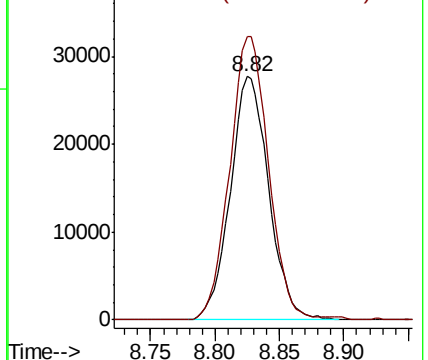
130 100

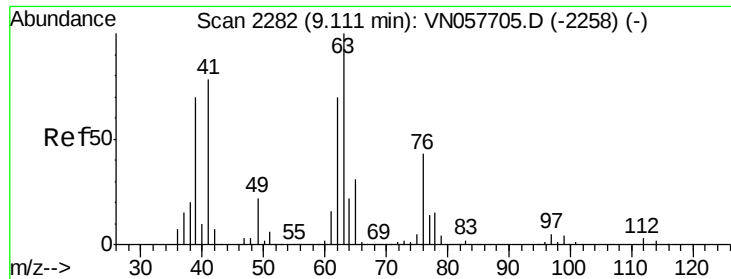
95 116.2 0.0 217.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

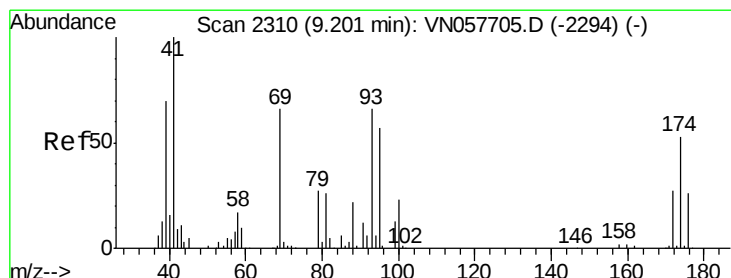
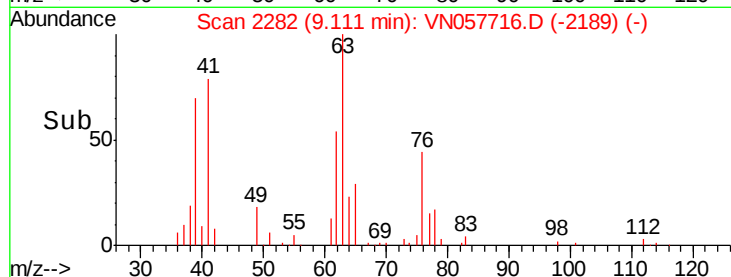
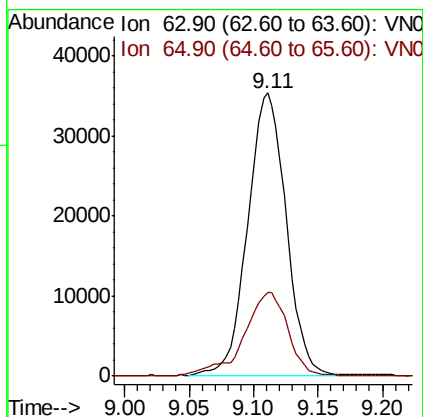
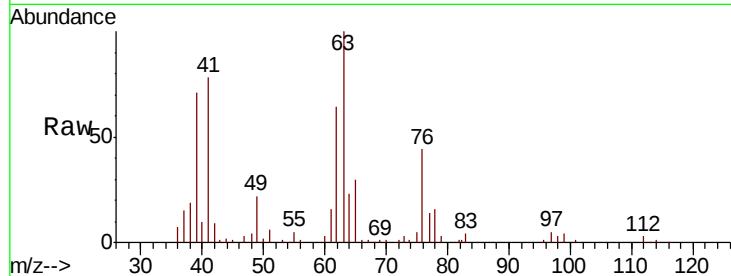




#45
 1,2-Dichloropropane
 Concen: 21.099 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057716.D
 Acq: 6 Sep 2019 16:46

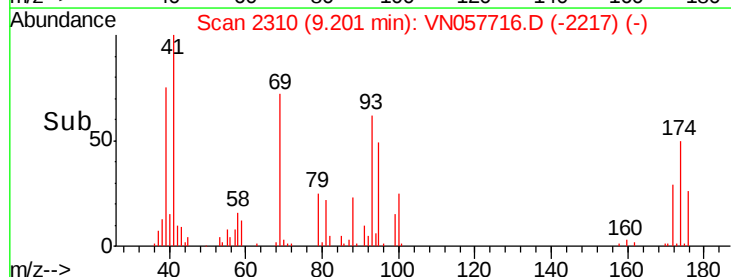
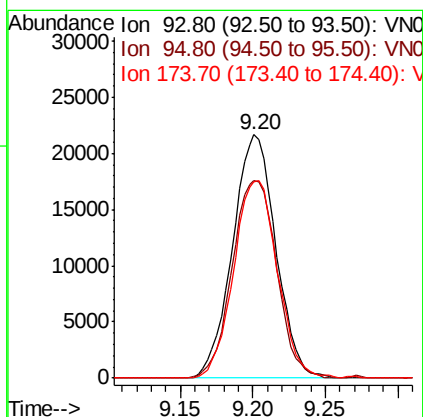
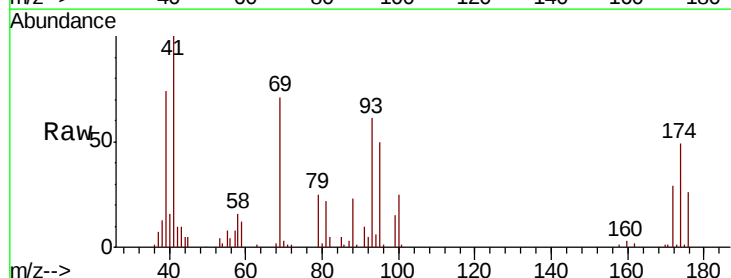
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBS01

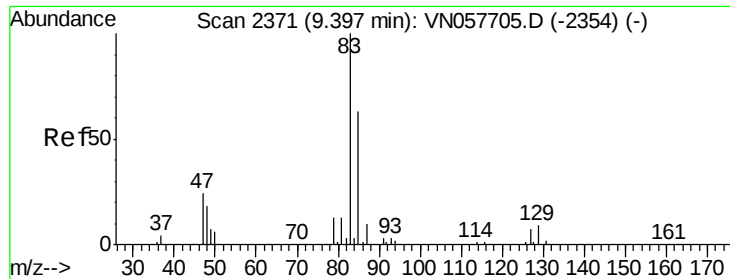
Tgt Ion: 63 Resp: 73600
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.5 36.7



#46
 Dibromomethane
 Concen: 20.056 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057716.D
 Acq: 6 Sep 2019 16:46

Tgt Ion: 93 Resp: 44878
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.1 99.1
 174 82.2 63.4 95.2





#47

Bromodichloromethane

Concen: 19.164 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBS01

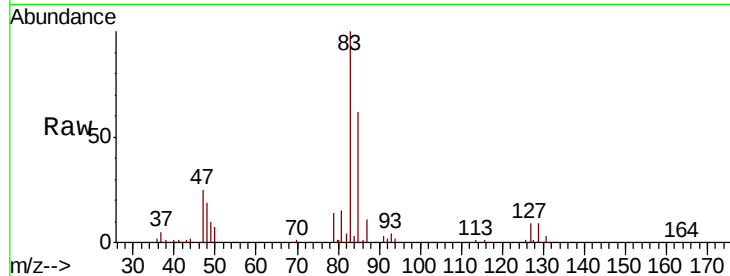
Tgt Ion: 83 Resp: 91133

Ion Ratio Lower Upper

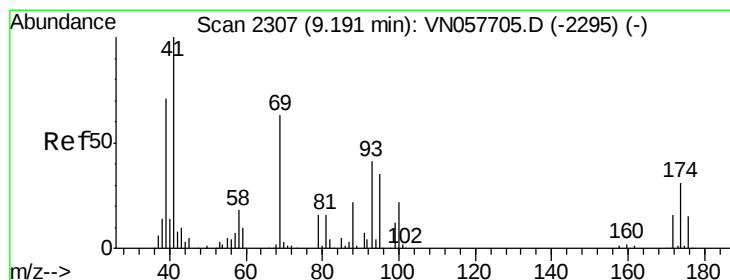
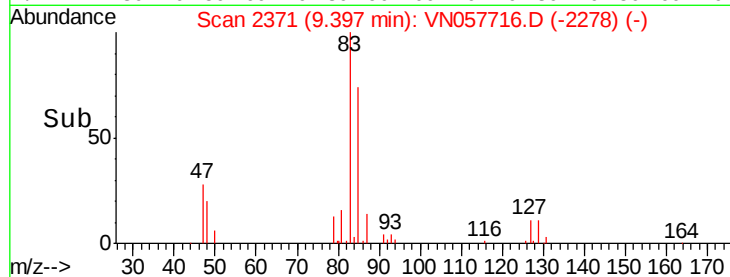
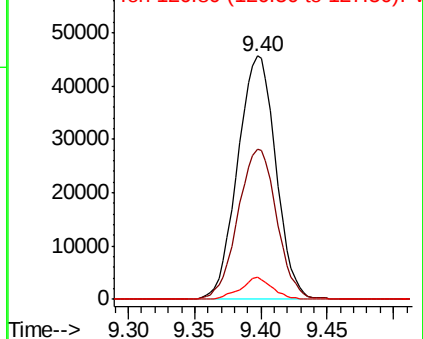
83 100

85 61.8 50.7 76.1

127 8.8 5.6 8.4#



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



#48

Methyl methacrylate

Concen: 18.922 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

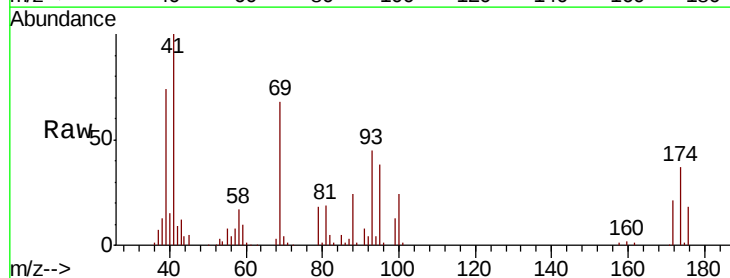
Tgt Ion: 41 Resp: 81772

Ion Ratio Lower Upper

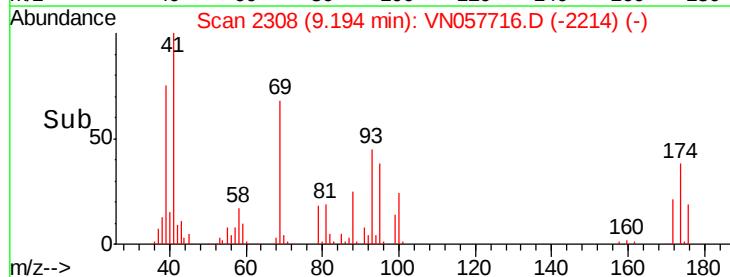
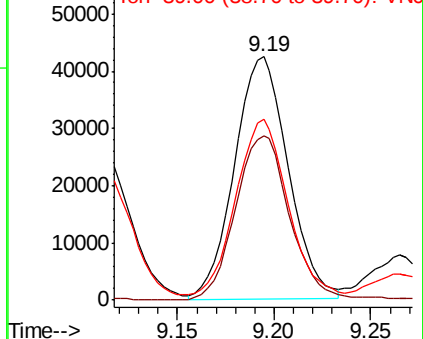
41 100

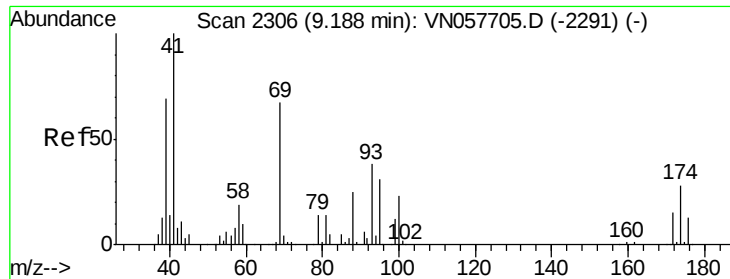
69 69.0 51.2 76.8

39 73.7 57.3 85.9



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 416.113 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

Instrument :

MSVOA_N

ClientSampled :

VN0906WBS01

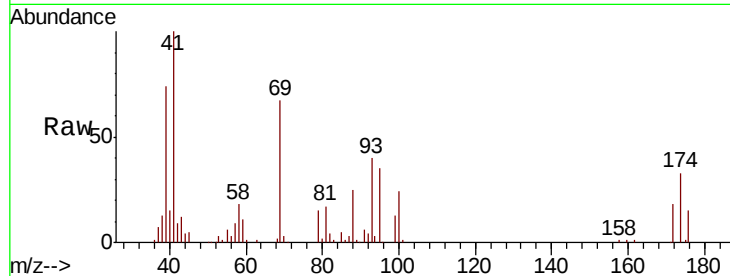
Tgt Ion: 88 Resp: 20923

Ion Ratio Lower Upper

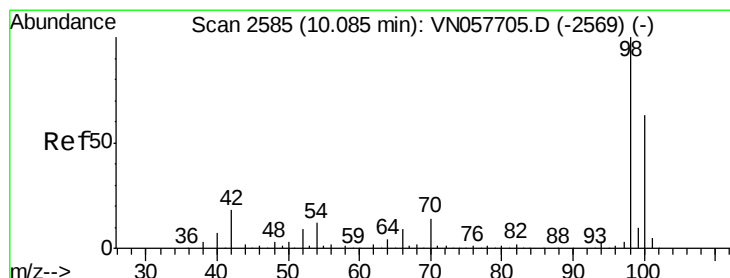
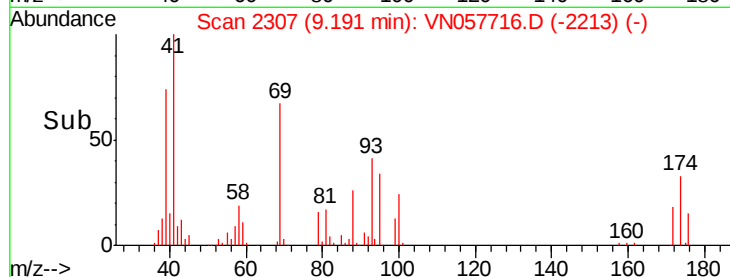
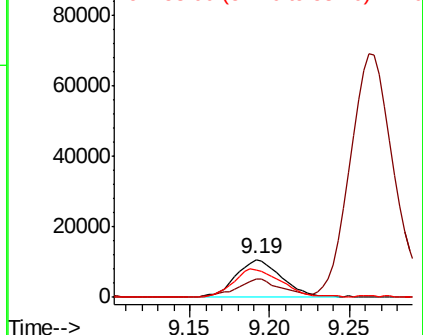
88 100

43 47.6 35.4 53.2

58 78.2 61.5 92.3



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: 52.264 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057716.D

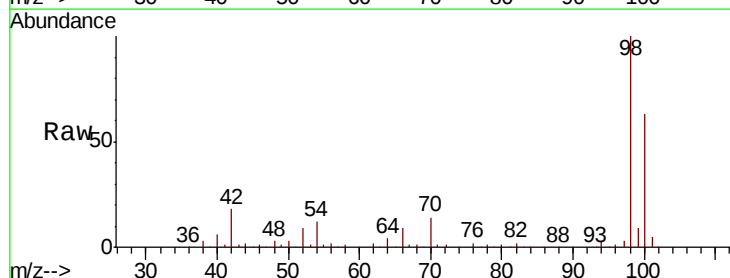
Acq: 6 Sep 2019 16:46

Tgt Ion: 98 Resp: 583706

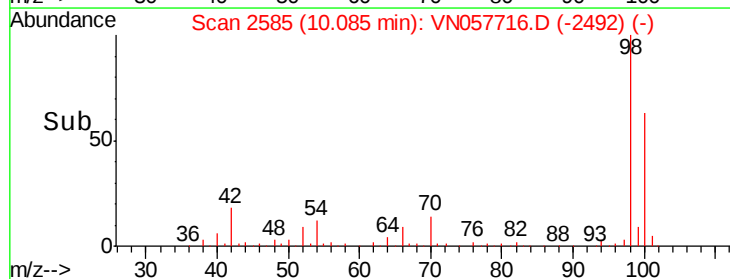
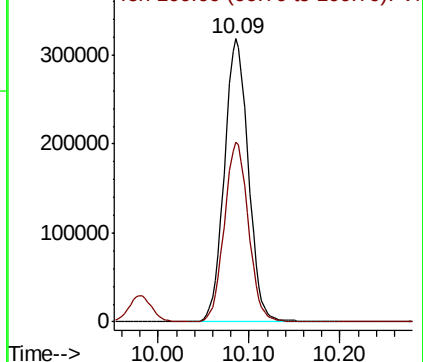
Ion Ratio Lower Upper

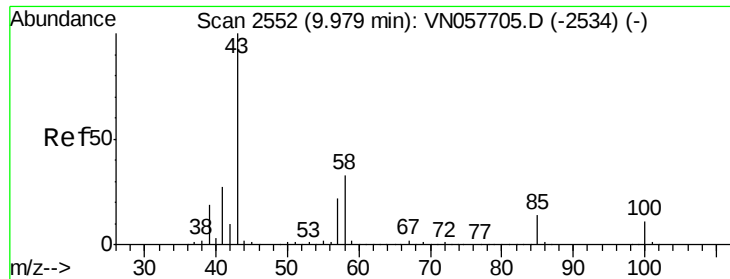
98 100

100 63.4 50.7 76.1



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: 105.018 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

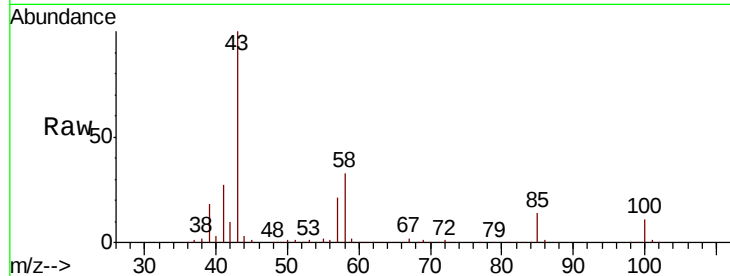
VN0906WBS01

Tgt Ion: 43 Resp: 490076

Ion Ratio Lower Upper

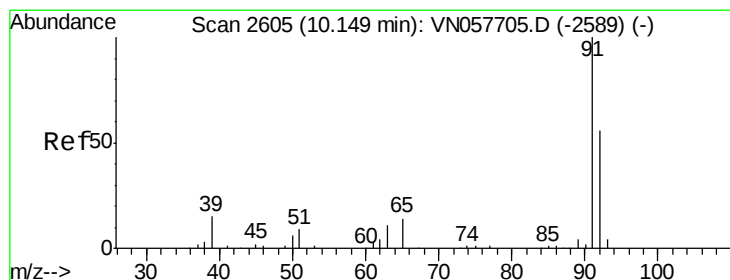
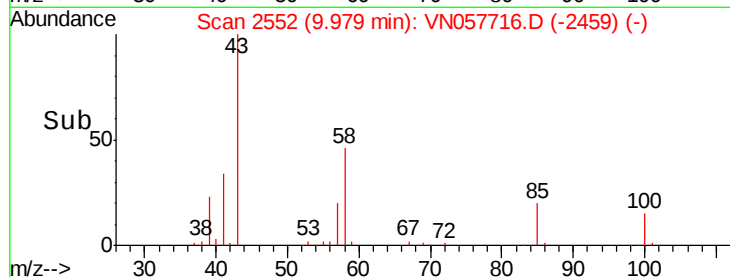
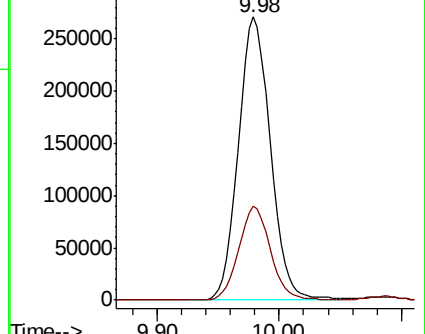
43 100

58 32.8 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 20.270 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN057716.D

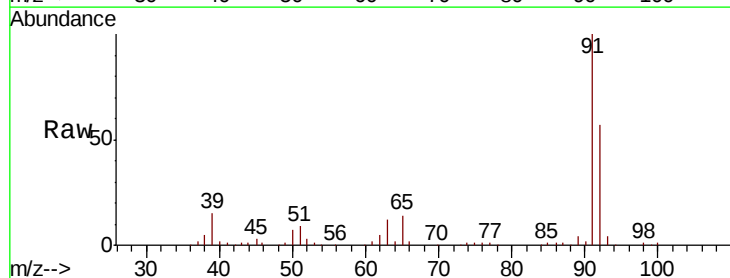
Acq: 6 Sep 2019 16:46

Tgt Ion: 92 Resp: 153235

Ion Ratio Lower Upper

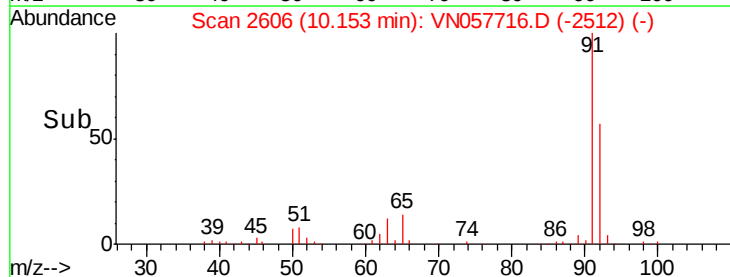
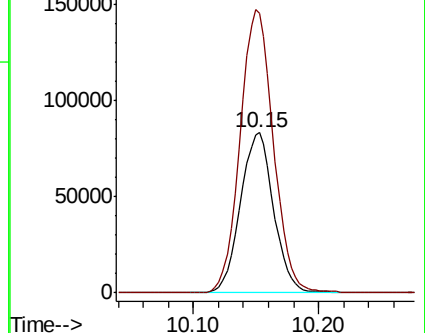
92 100

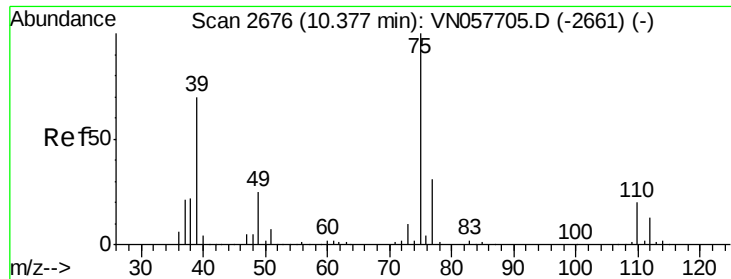
91 176.8 141.5 212.3



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

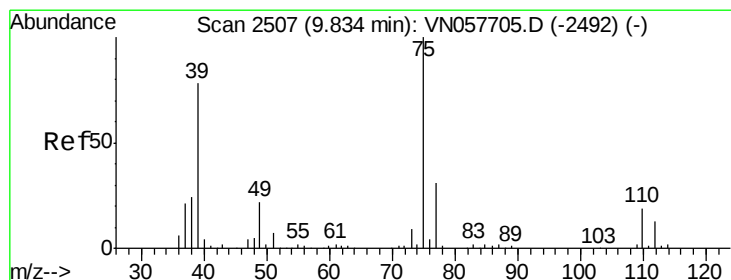
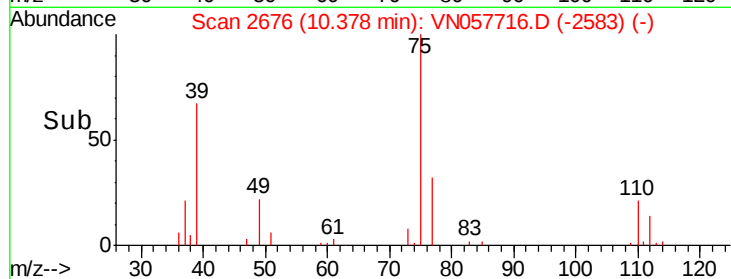
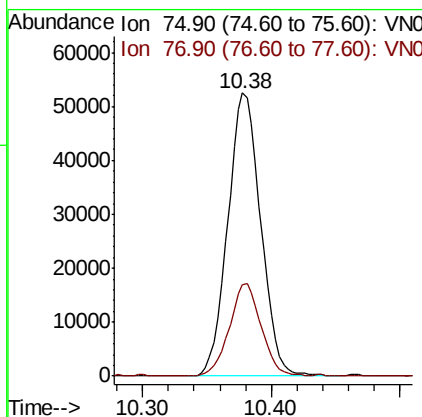
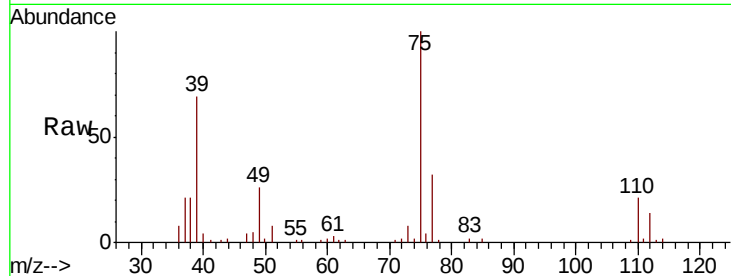




#53
t-1,3-Dichloropropene
Concen: 19.441 ug/l
RT: 10.38 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VN057716.D
Acq: 6 Sep 2019 16:46

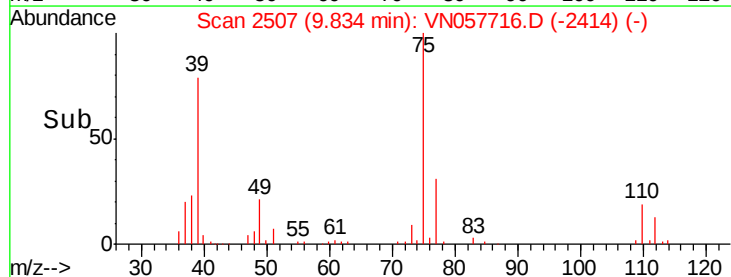
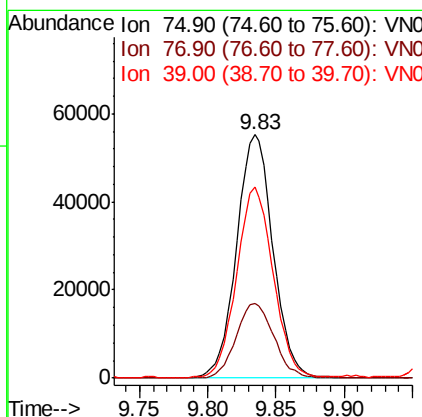
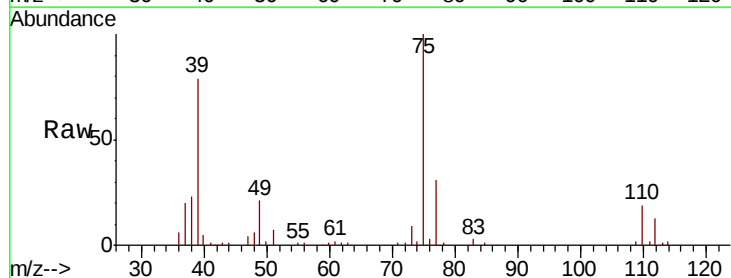
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

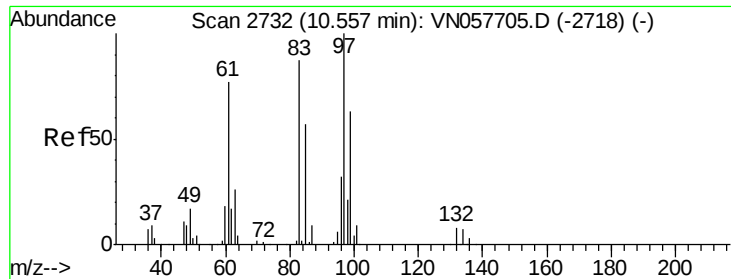
Tgt Ion: 75 Resp: 92748
Ion Ratio Lower Upper
75 100
77 32.5 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 19.936 ug/l
RT: 9.83 min Scan# 2507
Delta R.T. 0.00 min
Lab File: VN057716.D
Acq: 6 Sep 2019 16:46

Tgt Ion: 75 Resp: 102758
Ion Ratio Lower Upper
75 100
77 30.9 25.1 37.7
39 78.2 62.4 93.6





#55

1,1,2-Trichloroethane

Concen: 20.568 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

Instrument :

MSVOA_N

ClientSampled :

VN0906WBS01

Tgt Ion: 97 Resp: 62571

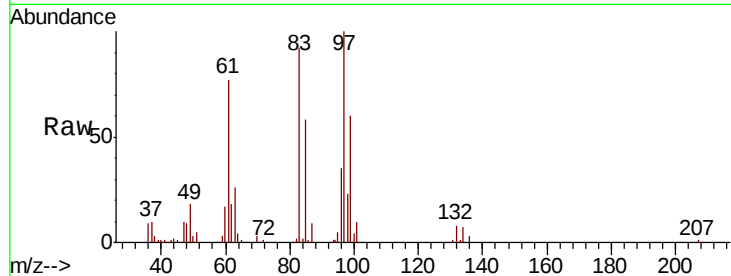
Ion Ratio Lower Upper

97 100

83 92.2 69.5 104.3

85 58.3 45.7 68.5

99 60.3 50.2 75.4



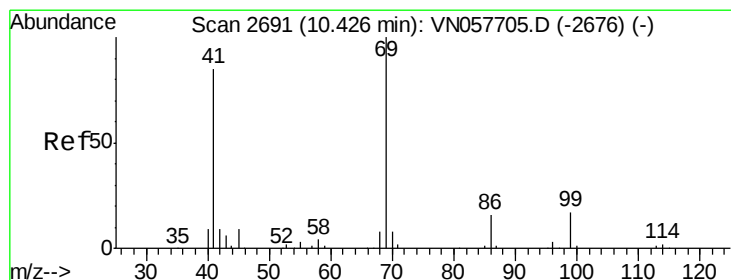
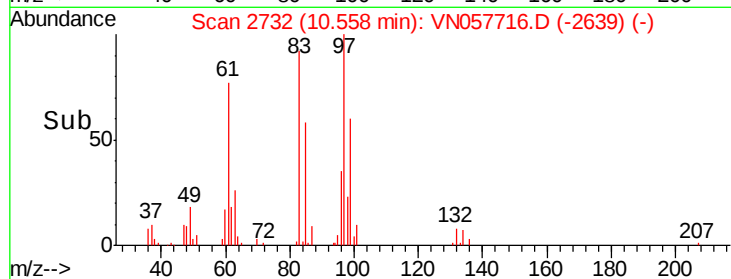
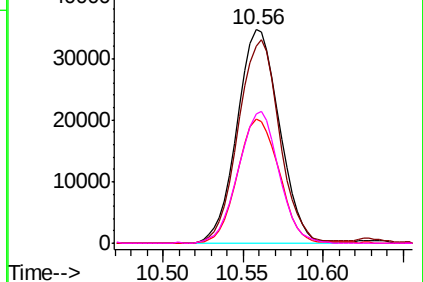
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 21.163 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

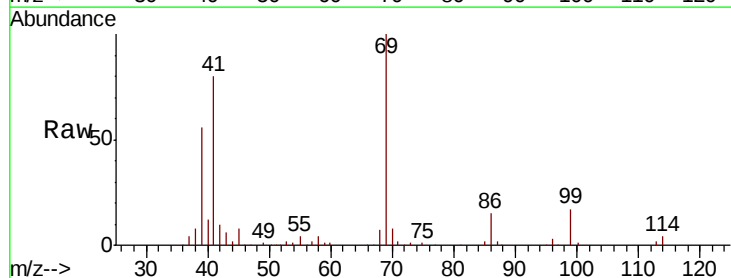
Tgt Ion: 69 Resp: 102764

Ion Ratio Lower Upper

69 100

41 80.1 69.0 103.4

39 56.4 49.2 73.8

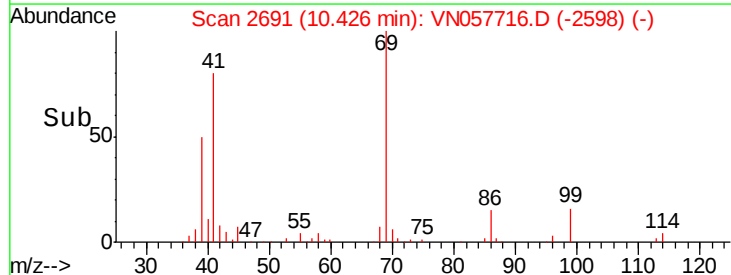
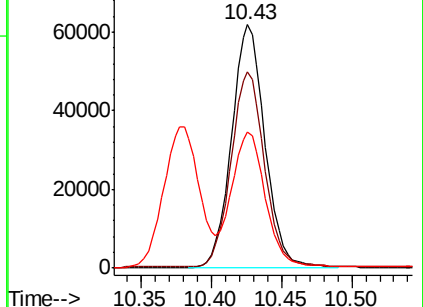


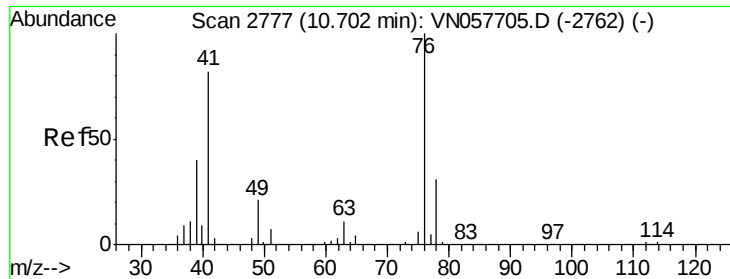
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

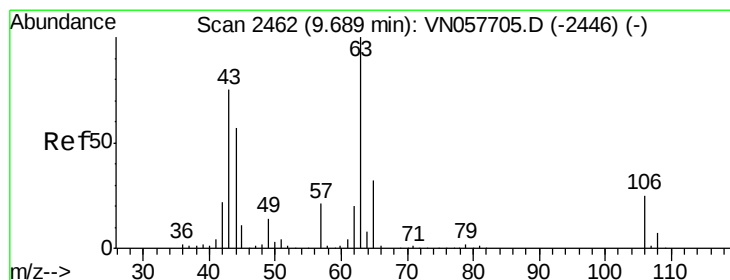
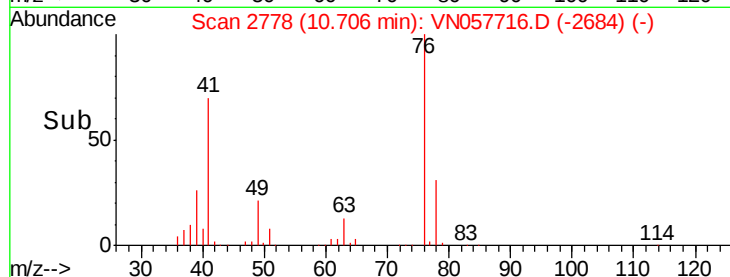
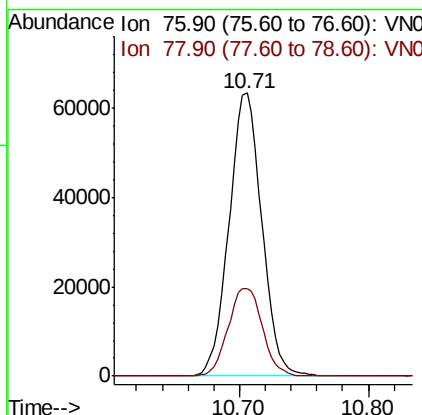
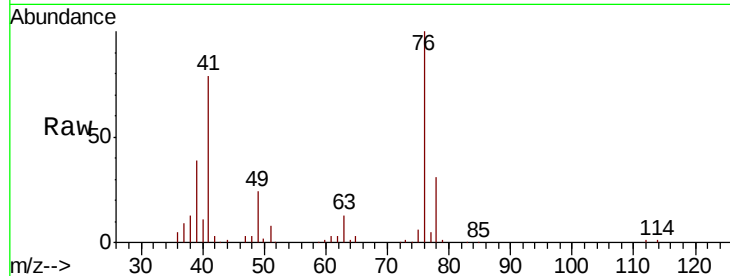




#57
 1,3-Dichloropropane
 Concen: 20.451 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN057716.D
 Acq: 6 Sep 2019 16:46

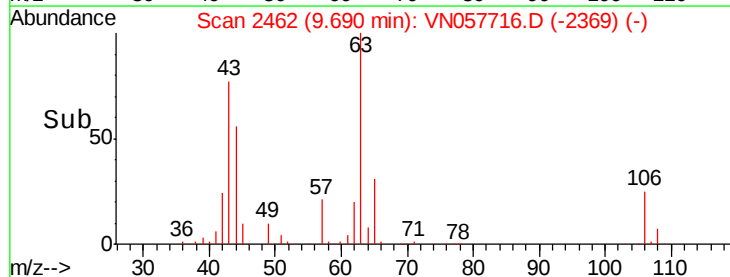
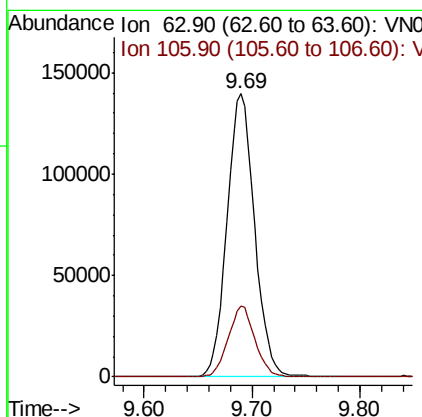
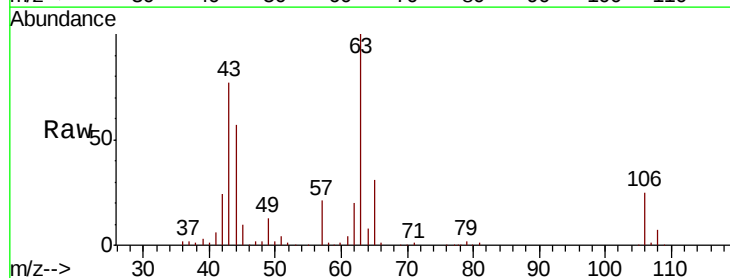
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBS01

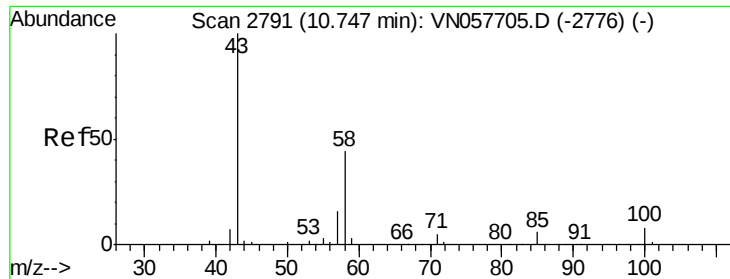
Tgt Ion: 76 Resp: 111762
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.043 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VN057716.D
 Acq: 6 Sep 2019 16:46

Tgt Ion: 63 Resp: 248920
 Ion Ratio Lower Upper
 63 100
 106 24.2 19.4 29.2

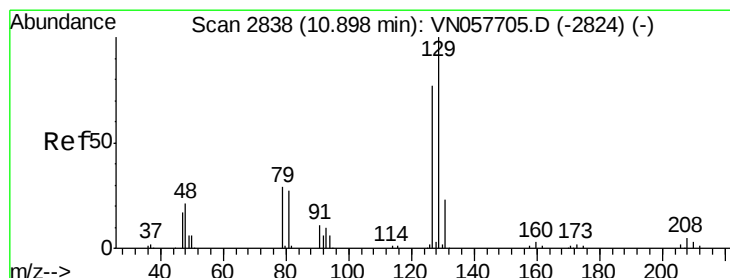
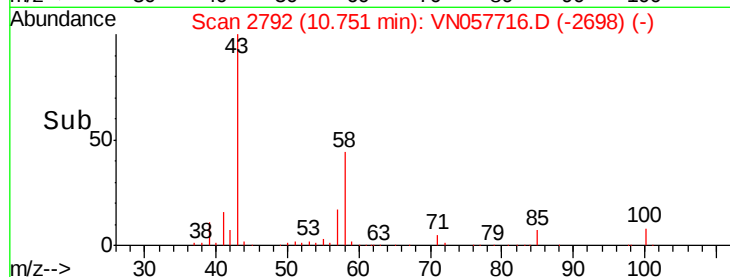
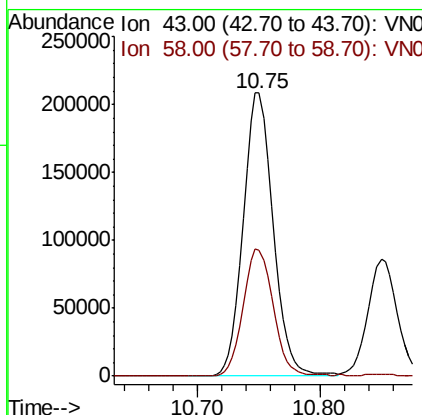
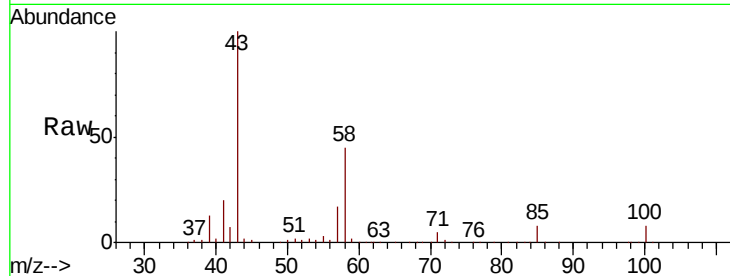




#59
2-Hexanone
Concen: 106.792 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057716.D
Acq: 6 Sep 2019 16:46

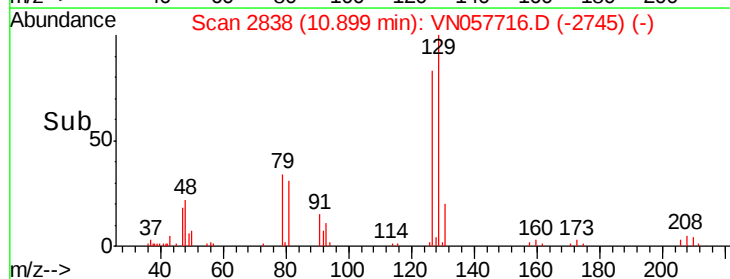
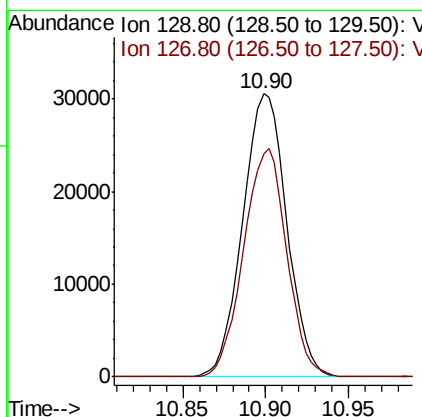
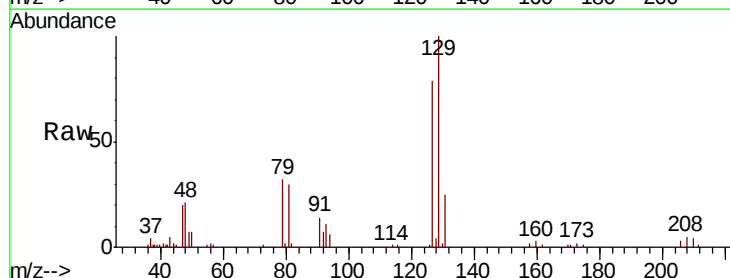
Instrument :
MSVOA_N
ClientSampled :
VN0906WBS01

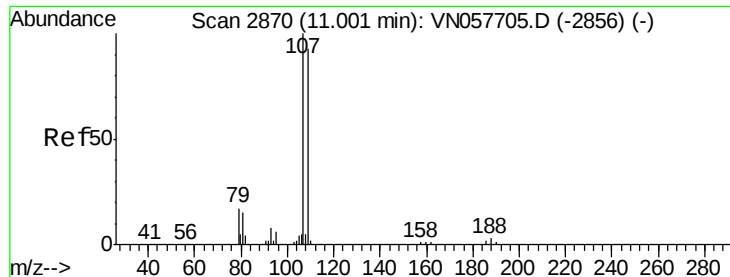
Tgt Ion: 43 Resp: 351420
Ion Ratio Lower Upper
43 100
58 45.2 22.1 66.5



#60
Dibromochloromethane
Concen: 18.440 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN057716.D
Acq: 6 Sep 2019 16:46

Tgt Ion: 129 Resp: 56507
Ion Ratio Lower Upper
129 100
127 78.8 38.4 115.2





#61

1,2-Dibromoethane

Concen: 20.462 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

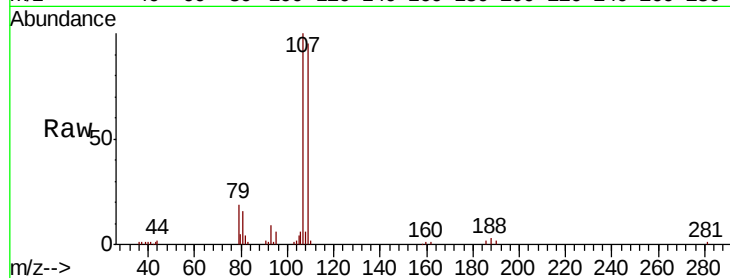
VN0906WBS01

Tgt Ion: 107 Resp: 59760

Ion Ratio Lower Upper

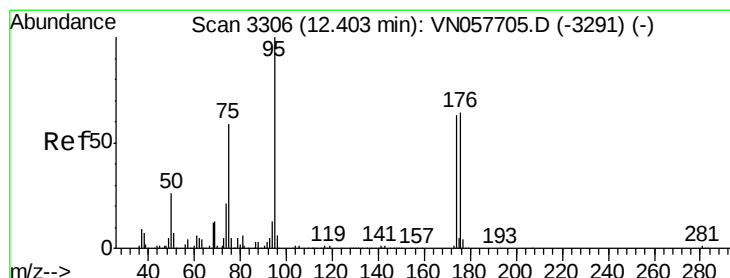
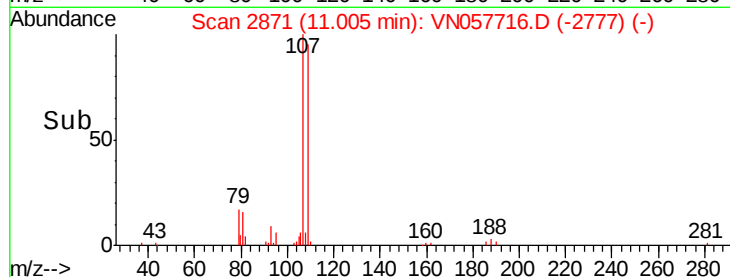
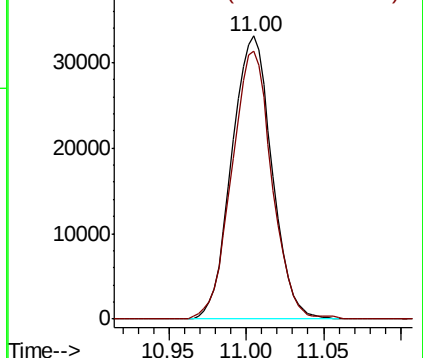
107 100

109 93.9 74.6 112.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.636 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

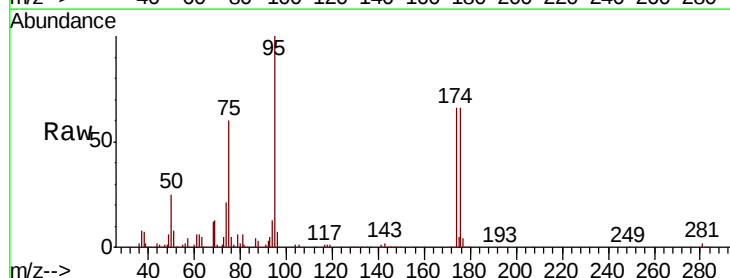
Tgt Ion: 95 Resp: 230253

Ion Ratio Lower Upper

95 100

174 67.1 0.0 128.0

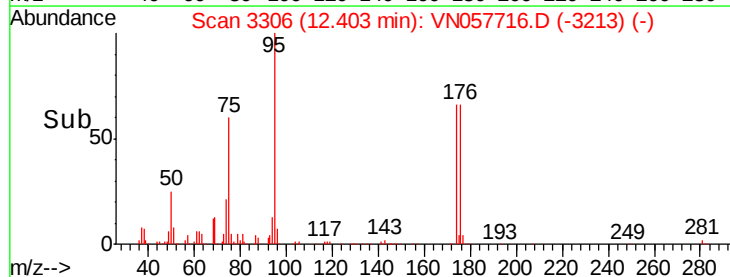
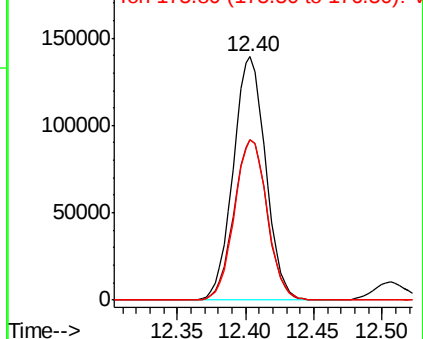
176 66.3 0.0 128.0

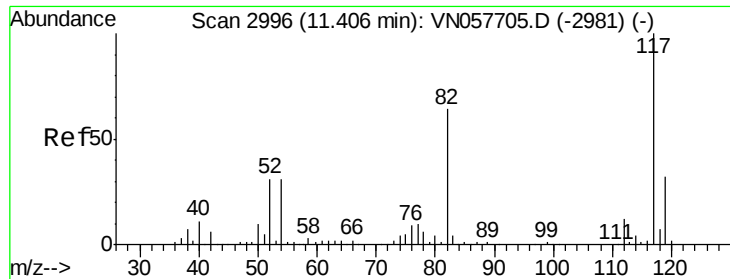


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

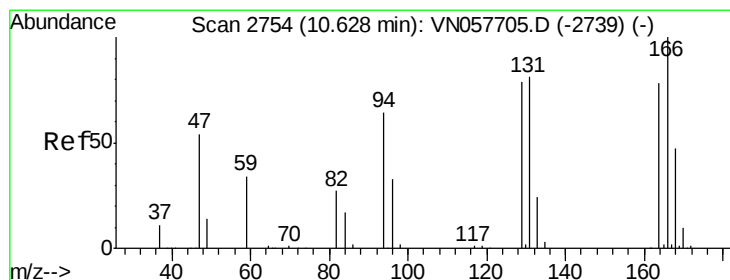
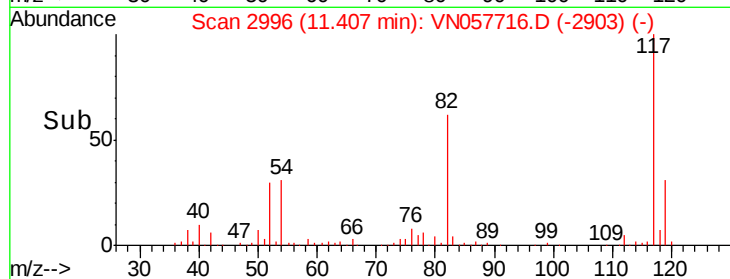
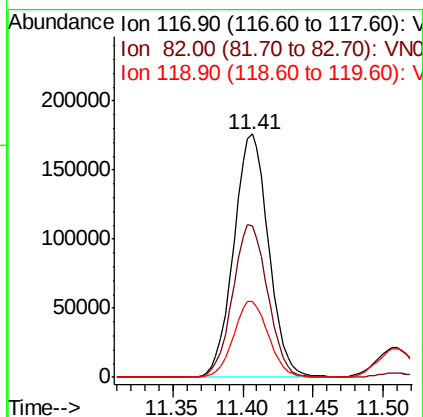
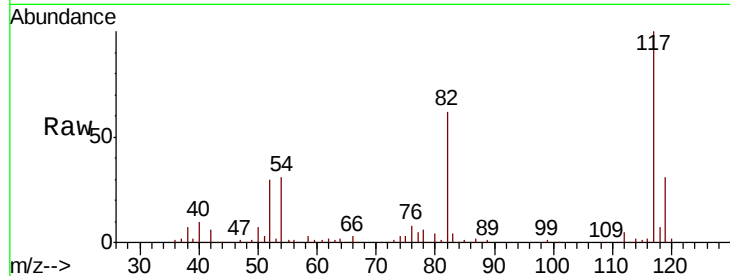




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057716.D
Acq: 6 Sep 2019 16:46

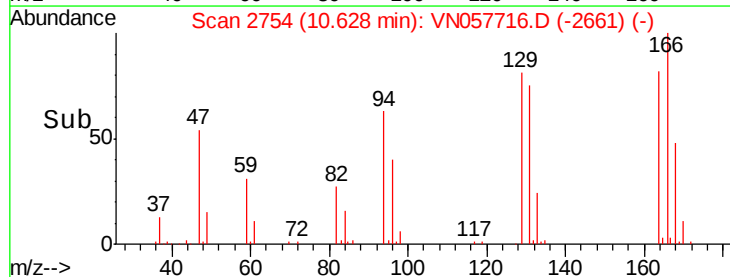
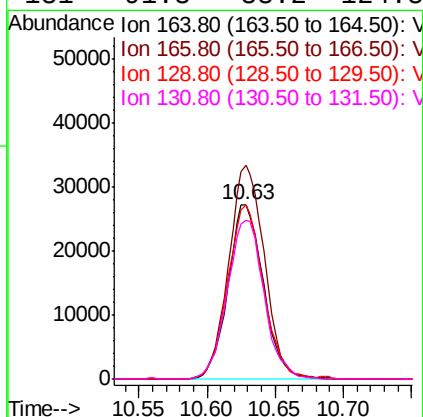
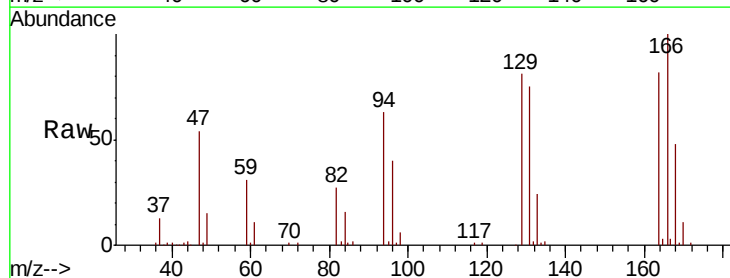
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

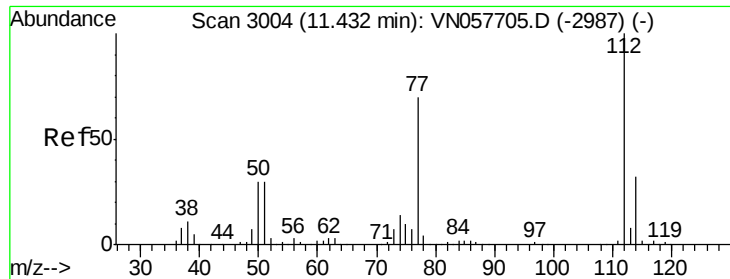
Tgt Ion:117 Resp: 305295
Ion Ratio Lower Upper
117 100
82 62.0 51.4 77.0
119 31.4 25.4 38.2



#64
Tetrachloroethene
Concen: 20.644 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057716.D
Acq: 6 Sep 2019 16:46

Tgt Ion:164 Resp: 49137
Ion Ratio Lower Upper
164 100
166 122.4 103.0 154.6
129 99.8 81.1 121.7
131 91.3 83.2 124.8

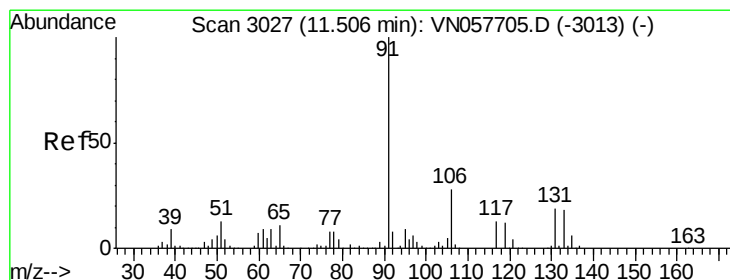
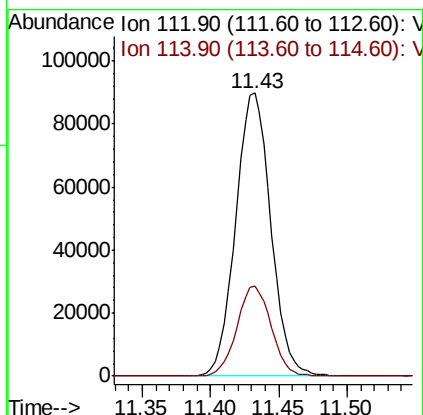
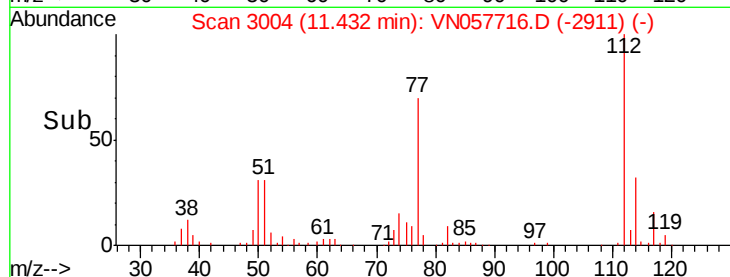
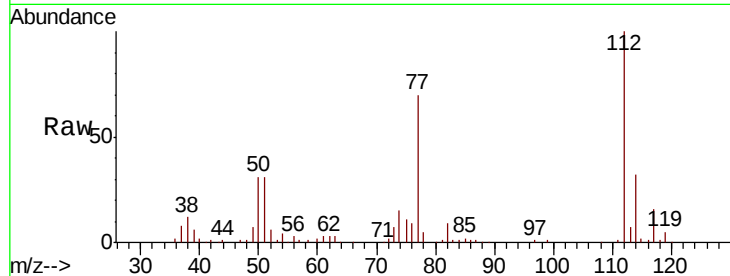




#65
Chlorobenzene
Concen: 20.187 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN057716.D
Acq: 6 Sep 2019 16:46

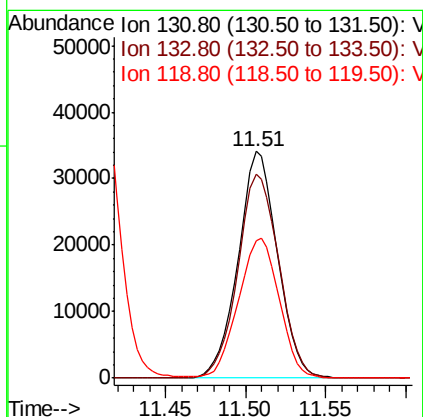
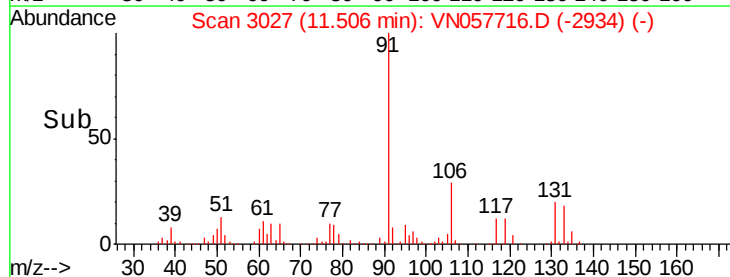
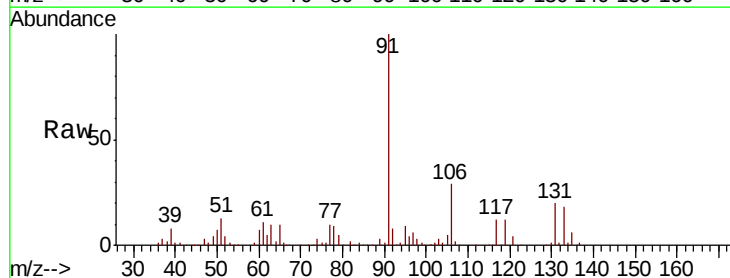
Instrument :
MSVOA_N
ClientSampled :
VN0906WBS01

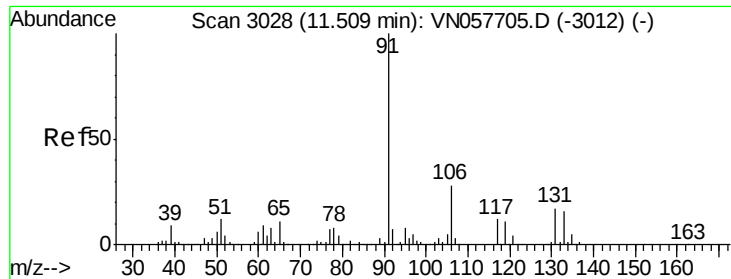
Tgt Ion:112 Resp: 160764
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.606 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN057716.D
Acq: 6 Sep 2019 16:46

Tgt Ion:131 Resp: 57100
Ion Ratio Lower Upper
131 100
133 93.6 47.6 142.9
119 64.3 32.8 98.3

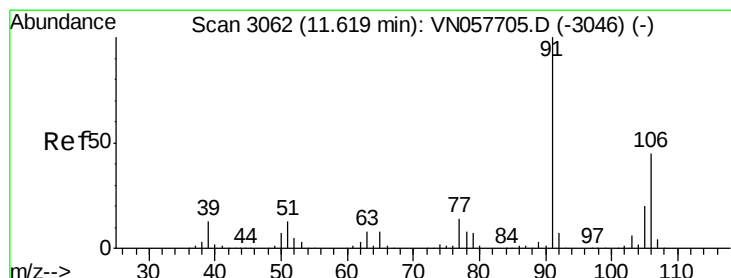
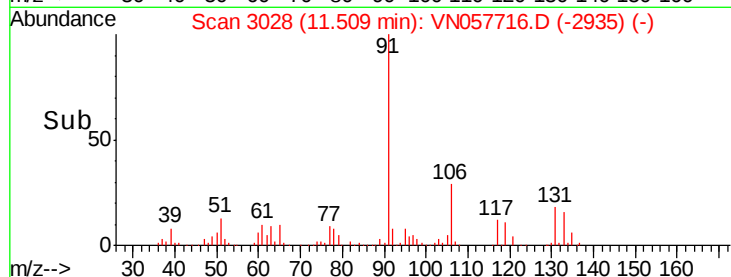
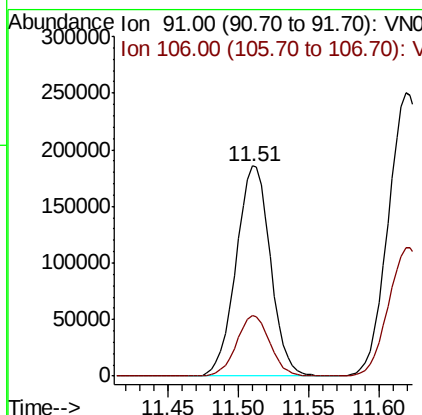
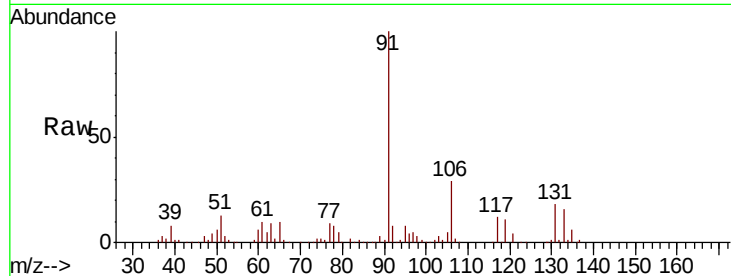




#67
Ethyl Benzene
Concen: 20.621 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057716.D
Acq: 6 Sep 2019 16:46

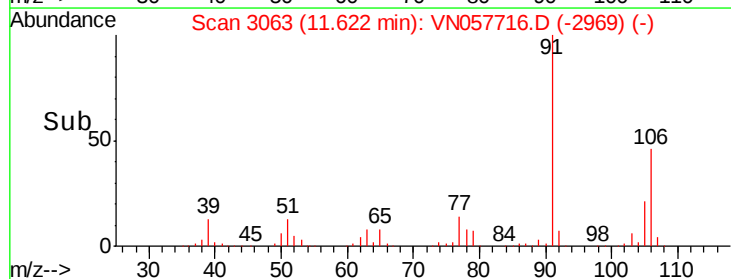
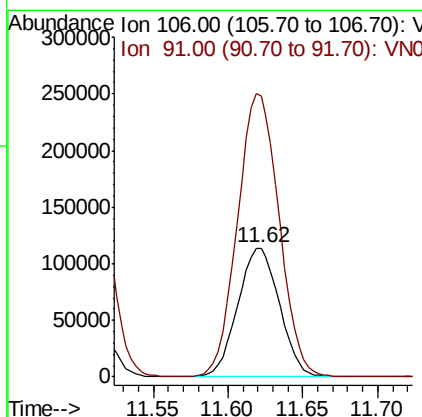
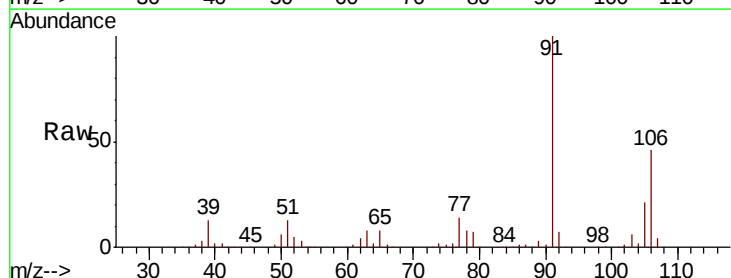
Instrument :
MSVOA_N
ClientSampled :
VN0906WBS01

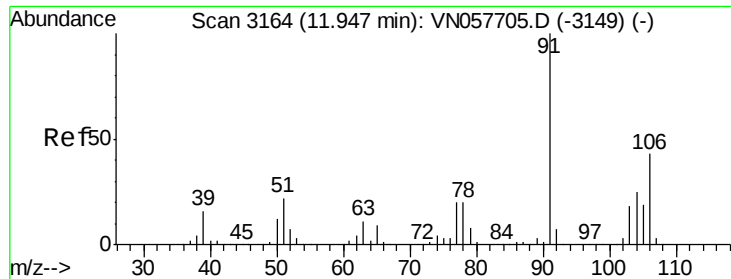
Tgt Ion: 91 Resp: 316848
Ion Ratio Lower Upper
91 100
106 29.0 22.8 34.2



#68
m/p-Xylenes
Concen: 41.619 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN057716.D
Acq: 6 Sep 2019 16:46

Tgt Ion: 106 Resp: 220260
Ion Ratio Lower Upper
106 100
91 219.6 179.8 269.8

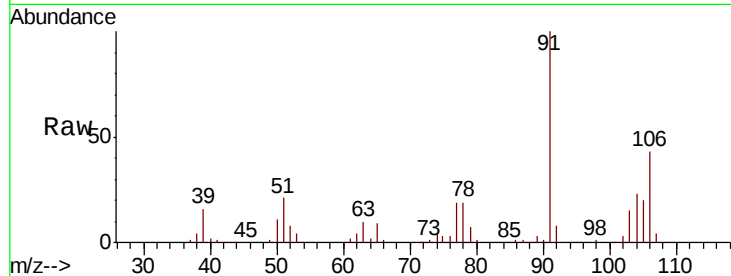




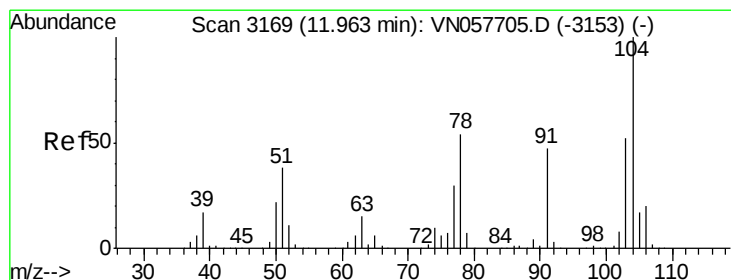
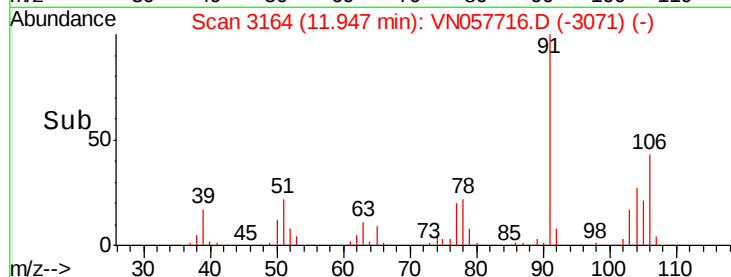
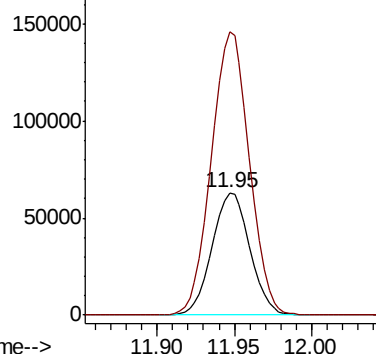
#69
o-Xylene
Concen: 20.493 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057716.D
Acq: 6 Sep 2019 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

Tgt Ion:106 Resp: 107393
Ion Ratio Lower Upper
106 100
91 232.3 116.8 350.4

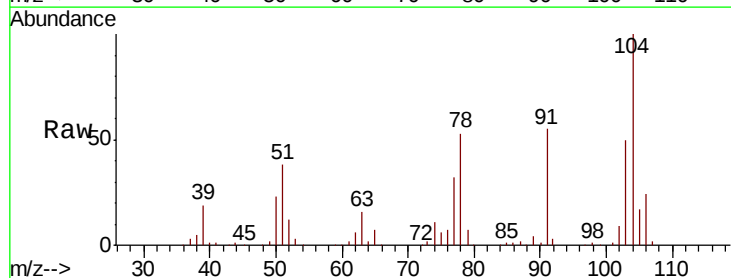


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

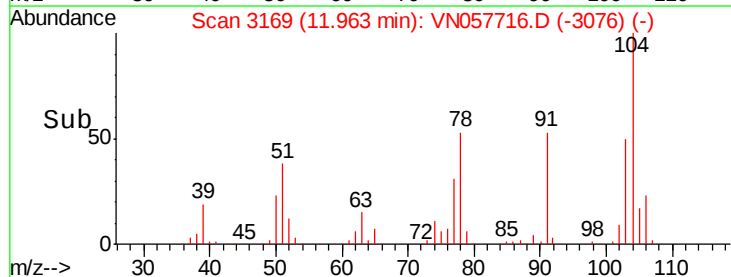
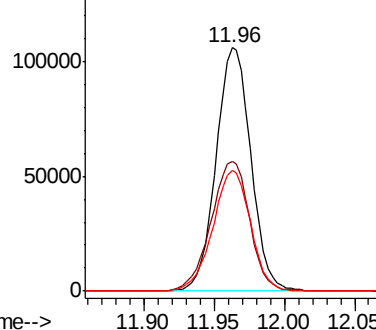


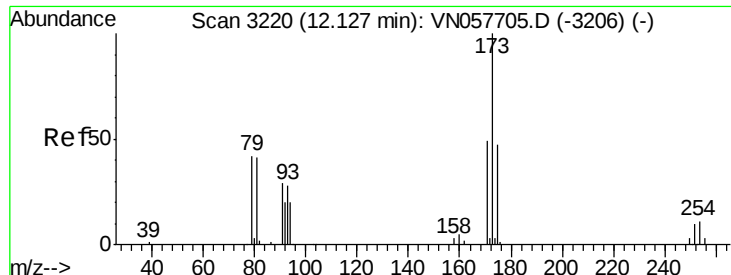
#70
Styrene
Concen: 20.251 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057716.D
Acq: 6 Sep 2019 16:46

Tgt Ion:104 Resp: 183626
Ion Ratio Lower Upper
104 100
78 59.2 48.5 72.7
103 53.7 45.0 67.4



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

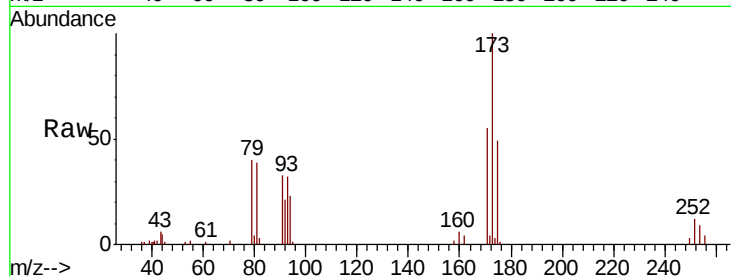




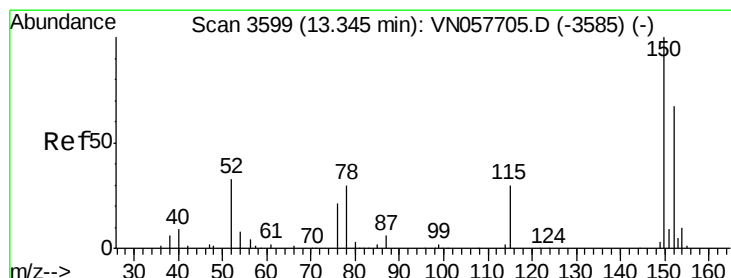
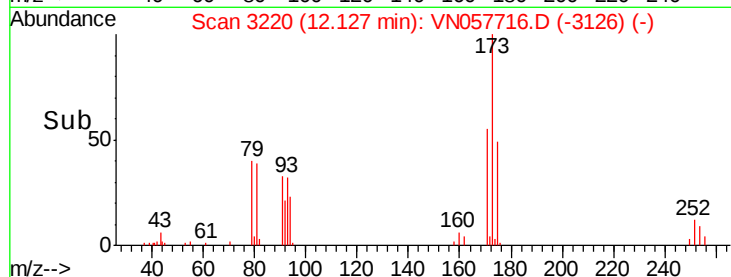
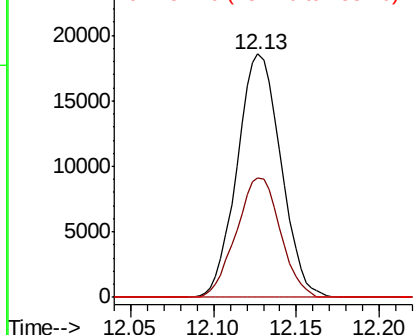
#71
 Bromoform
 Concen: 18.623 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN057716.D
 Acq: 6 Sep 2019 16:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBS01

Tgt Ion:173 Resp: 34058
 Ion Ratio Lower Upper
 173 100
 175 49.3 24.6 73.8
 254 0.0 0.0 0.0

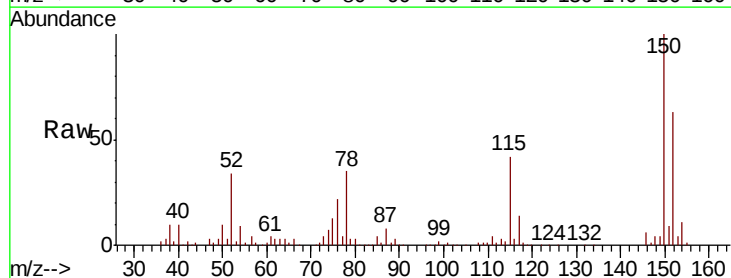


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

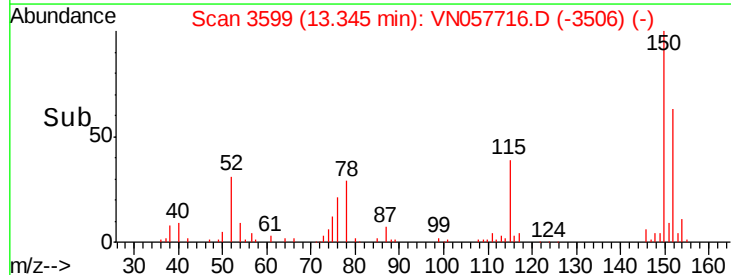
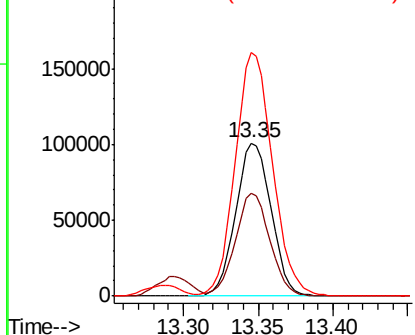


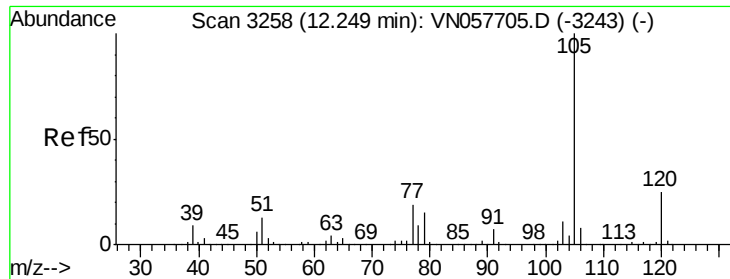
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN057716.D
 Acq: 6 Sep 2019 16:46

Tgt Ion:152 Resp: 166426
 Ion Ratio Lower Upper
 152 100
 115 65.6 33.8 101.3
 150 167.0 0.0 345.4



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





#73

Isopropylbenzene

Concen: 20.362 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

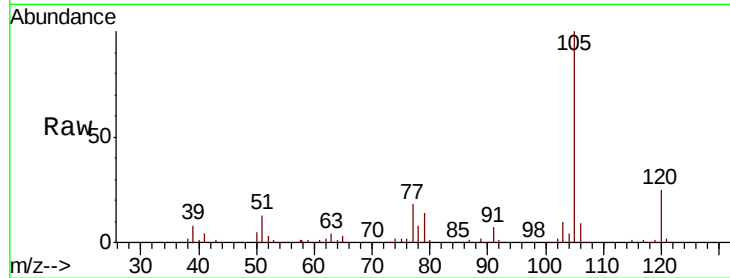
VN0906WBS01

Tgt Ion: 105 Resp: 299593

Ion Ratio Lower Upper

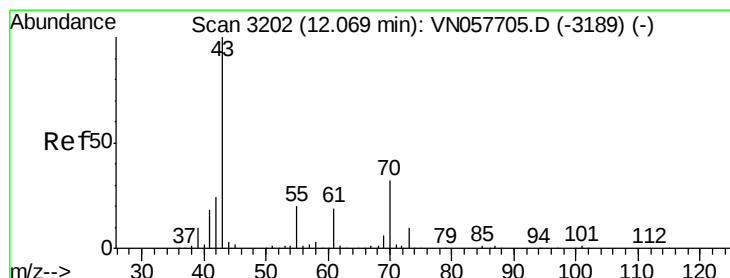
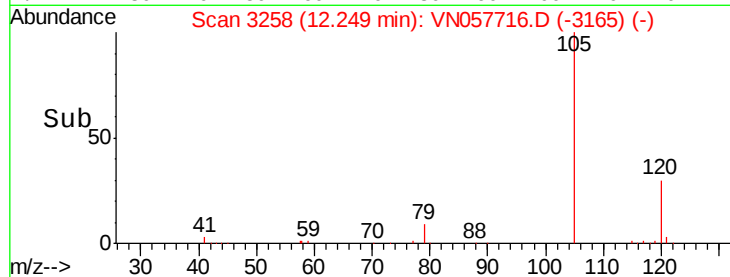
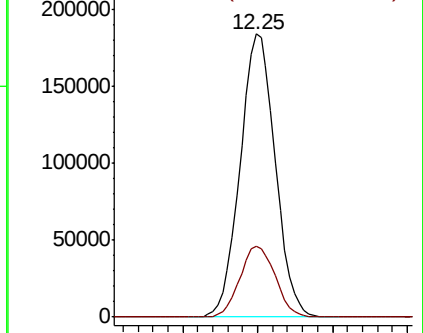
105 100

120 25.2 12.2 36.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.258 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

Tgt Ion: 43 Resp: 148896

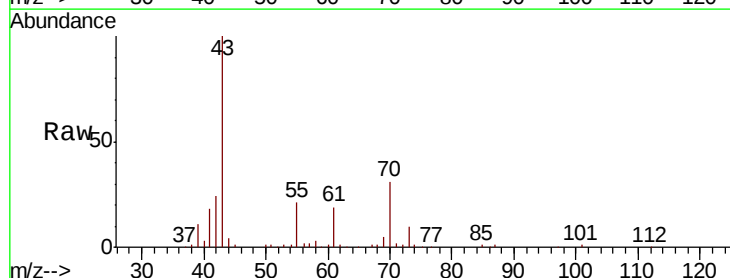
Ion Ratio Lower Upper

43 100

70 30.7 26.1 39.1

55 21.2 16.3 24.5

61 19.6 15.0 22.4

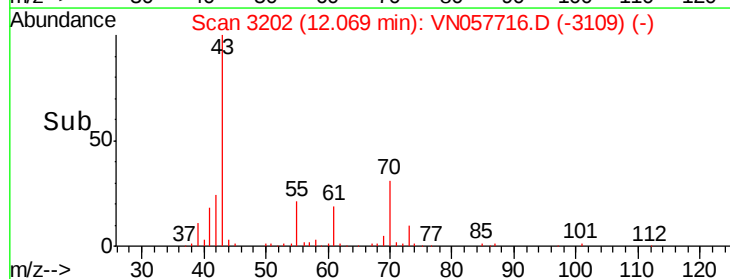
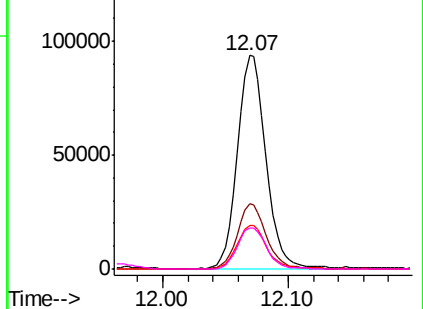


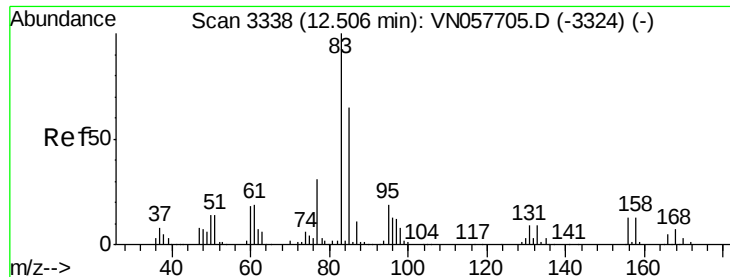
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.585 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBS01

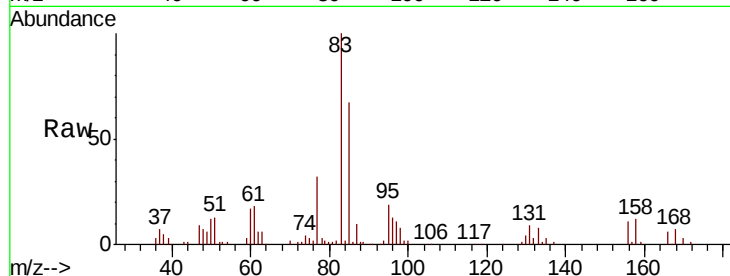
Tgt Ion: 83 Resp: 90824

Ion Ratio Lower Upper

83 100

131 10.1 4.5 13.5

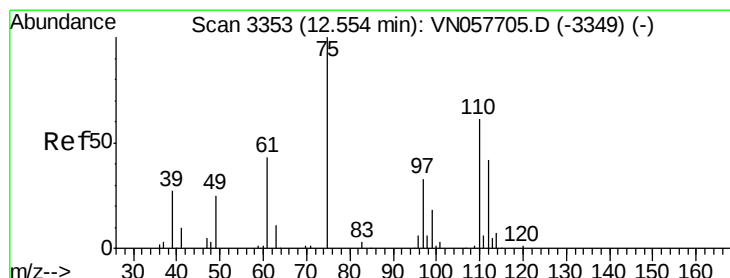
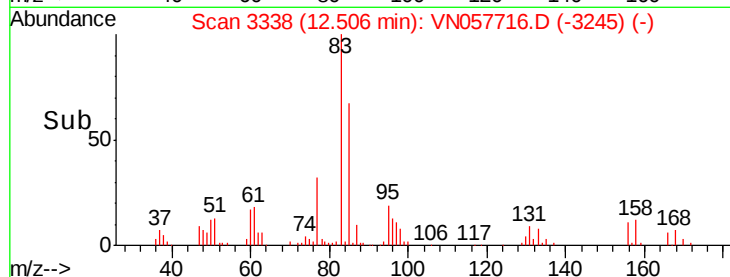
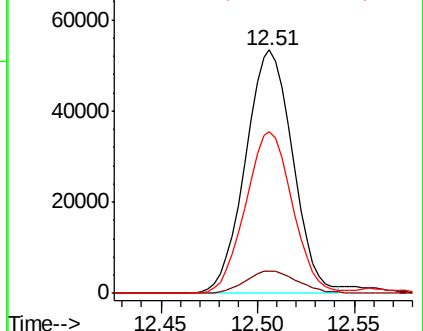
85 66.1 31.8 95.3



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: 29.352 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057716.D

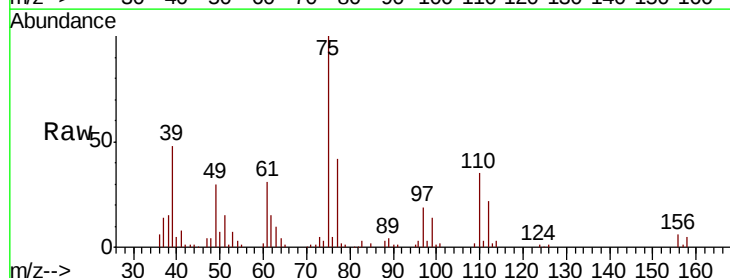
Acq: 6 Sep 2019 16:46

Tgt Ion: 75 Resp: 112178

Ion Ratio Lower Upper

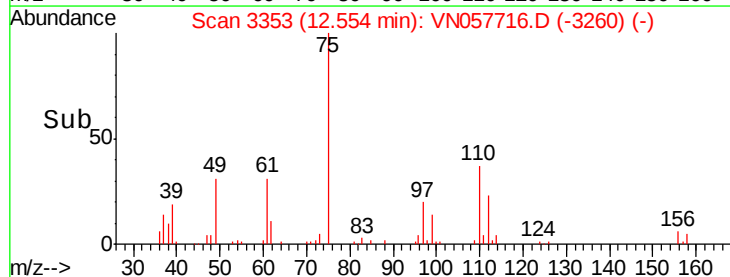
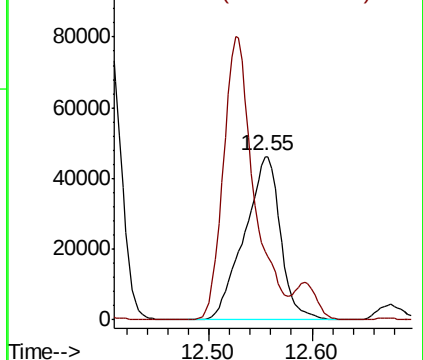
75 100

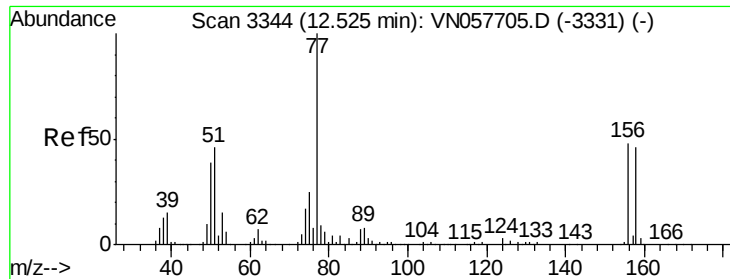
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 21.451 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

Instrument :

MSVOA_N

ClientSampled :

VN0906WBS01

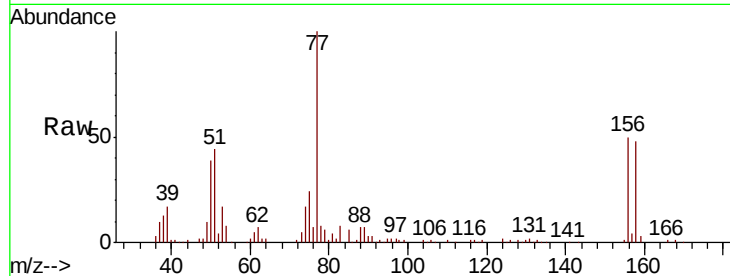
Tgt Ion:156 Resp: 68567

Ion Ratio Lower Upper

156 100

77 241.6 125.4 376.2

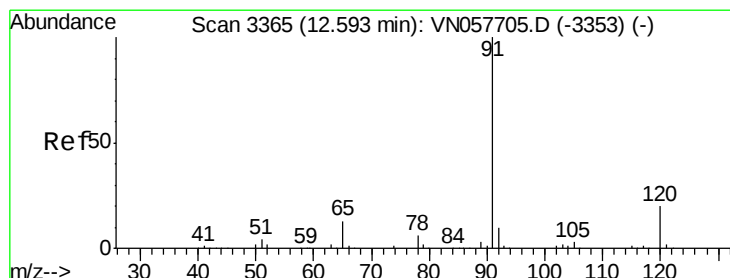
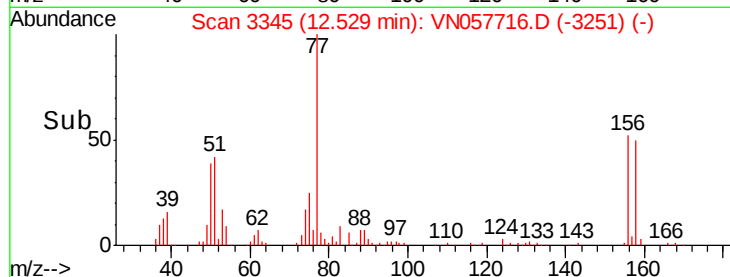
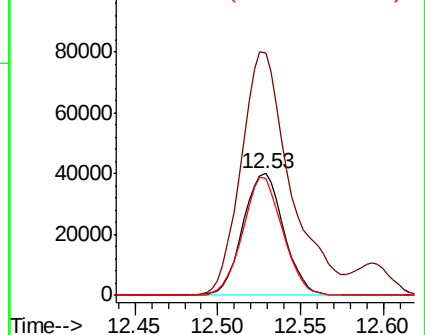
158 94.8 49.3 147.9



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: 20.377 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057716.D

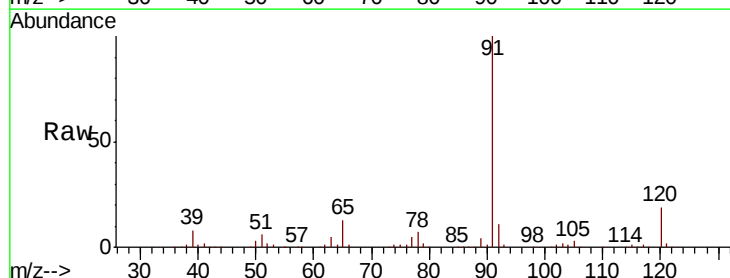
Acq: 6 Sep 2019 16:46

Tgt Ion: 91 Resp: 356200

Ion Ratio Lower Upper

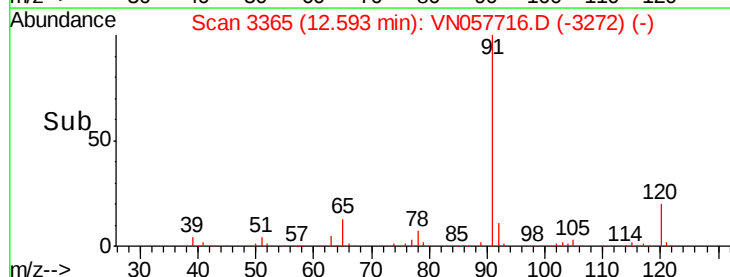
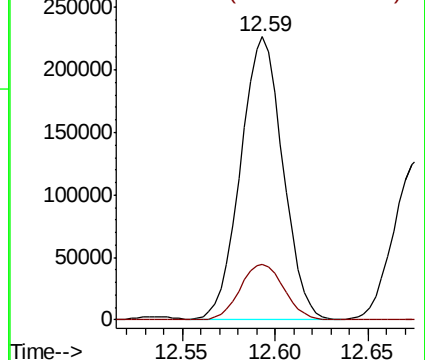
91 100

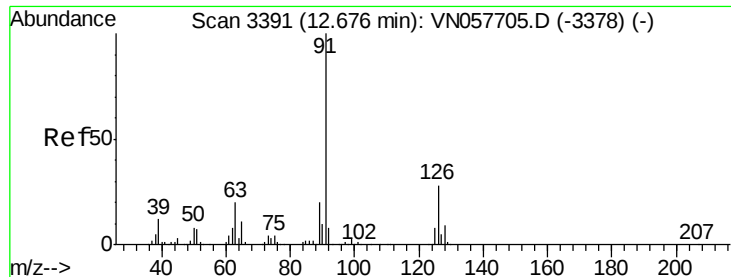
120 20.5 10.0 30.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.237 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

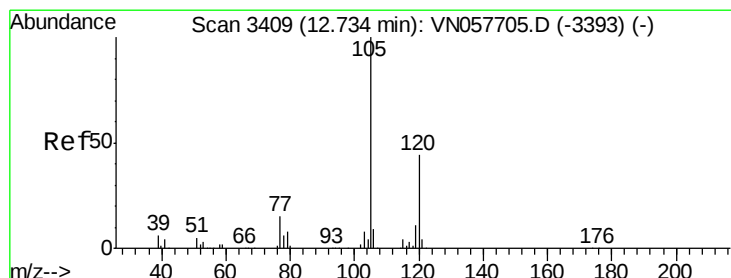
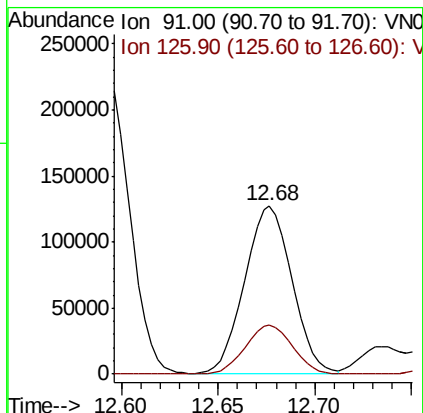
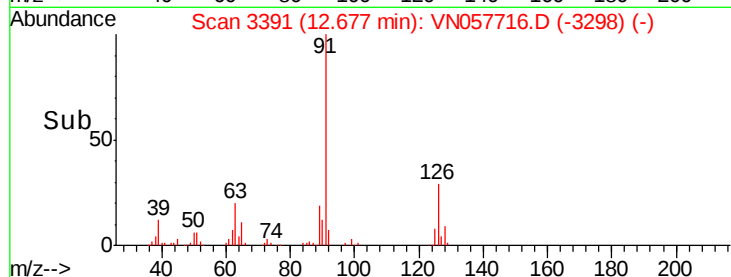
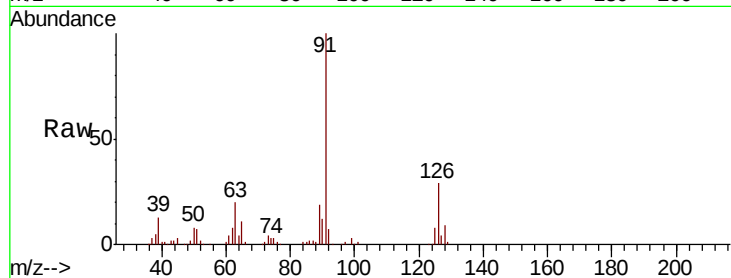
VN0906WBS01

Tgt Ion: 91 Resp: 215360

Ion Ratio Lower Upper

91 100

126 29.3 14.5 43.5



#80

1,3,5-Trimethylbenzene

Concen: 20.799 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057716.D

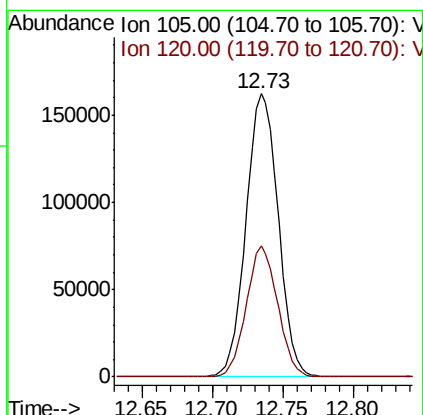
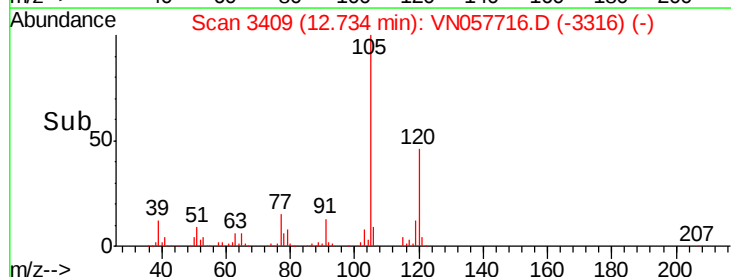
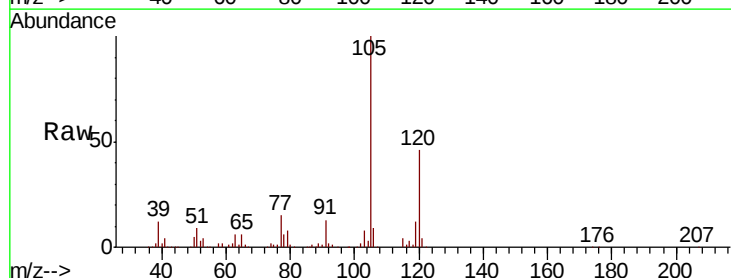
Acq: 6 Sep 2019 16:46

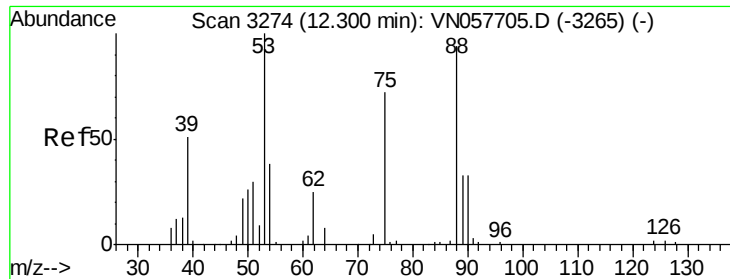
Tgt Ion: 105 Resp: 259961

Ion Ratio Lower Upper

105 100

120 45.0 22.3 66.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.148 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBS01

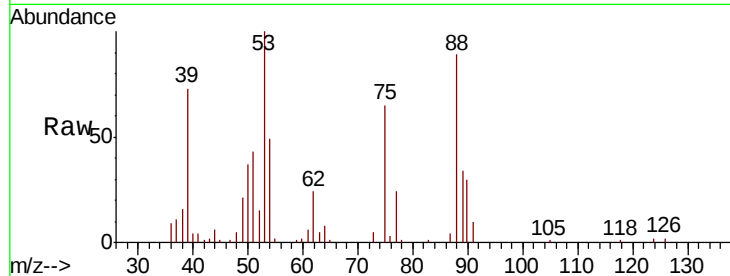
Tgt Ion: 75 Resp: 21073

Ion Ratio Lower Upper

75 100

53 144.6 107.0 160.6

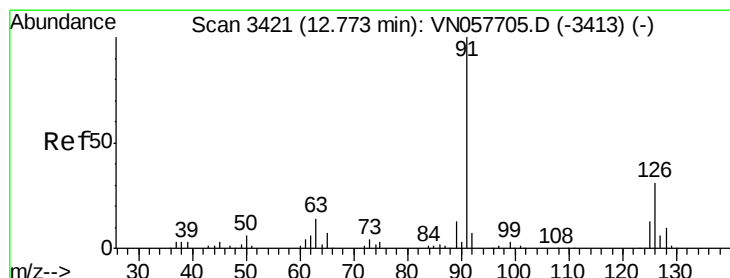
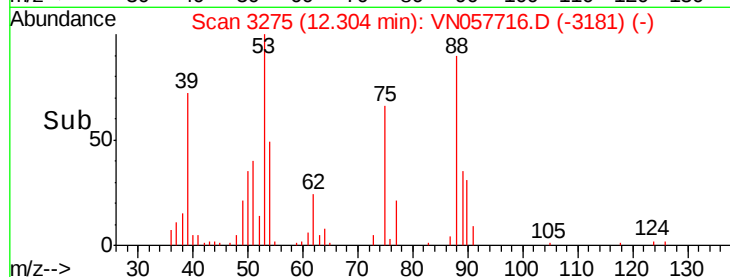
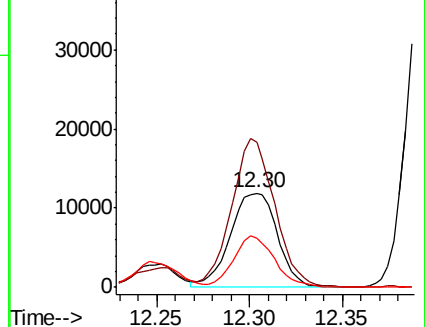
89 47.3 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.199 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057716.D

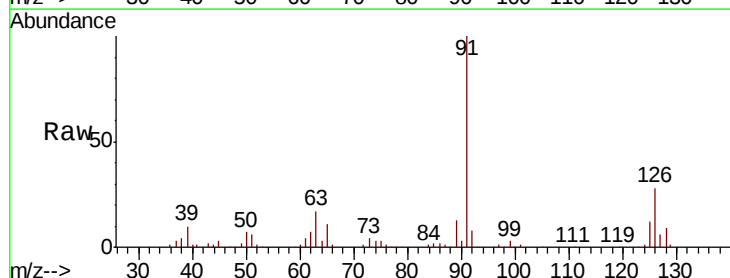
Acq: 6 Sep 2019 16:46

Tgt Ion: 91 Resp: 221388

Ion Ratio Lower Upper

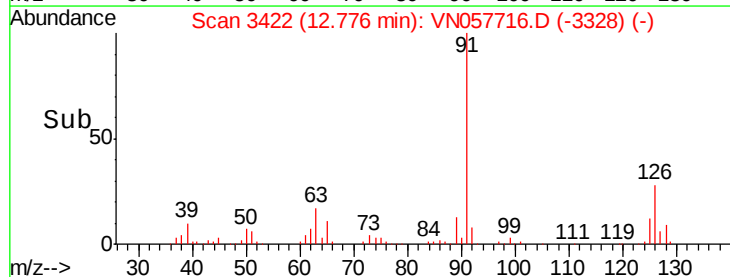
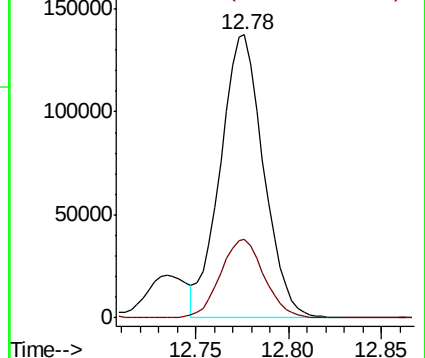
91 100

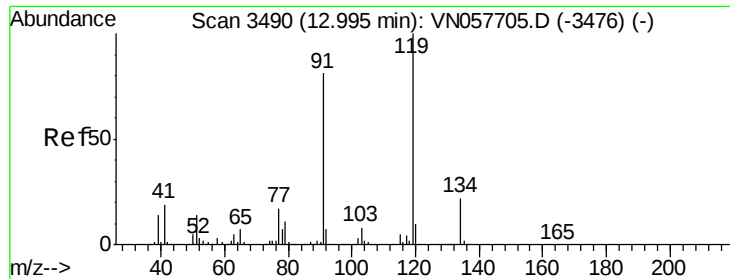
126 28.3 14.4 43.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

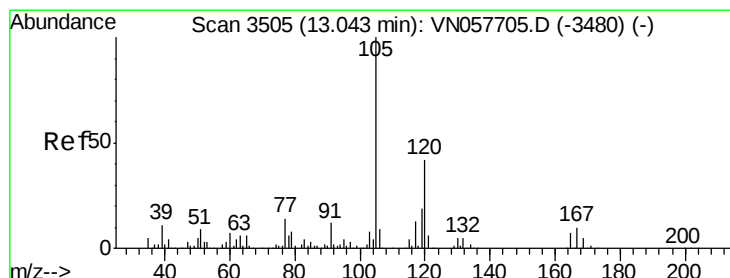
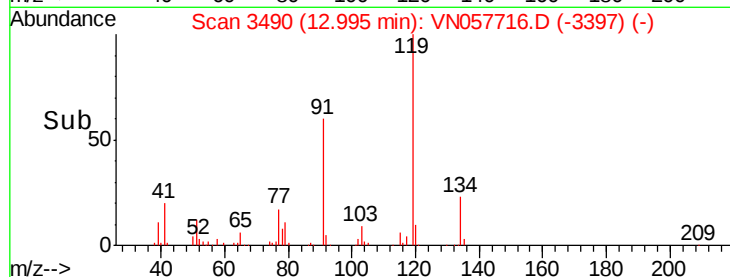
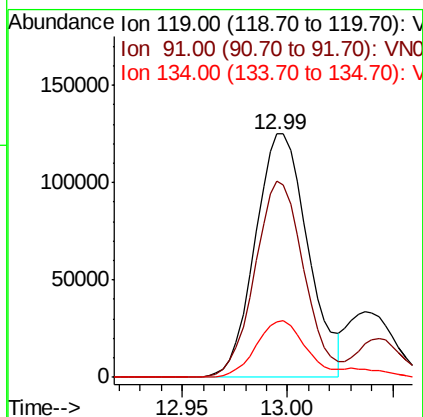
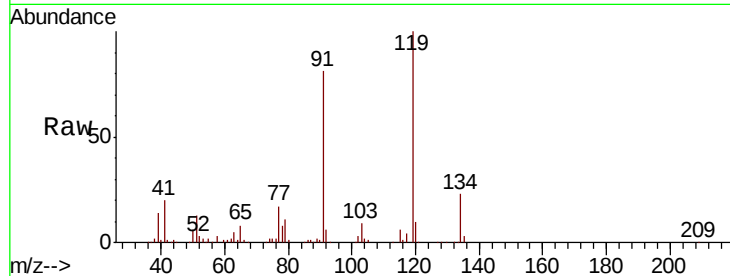




#83
 tert-Butylbenzene
 Concen: 20.654 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN057716.D
 Acq: 6 Sep 2019 16:46

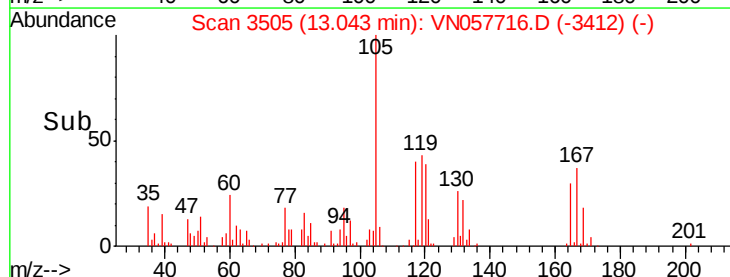
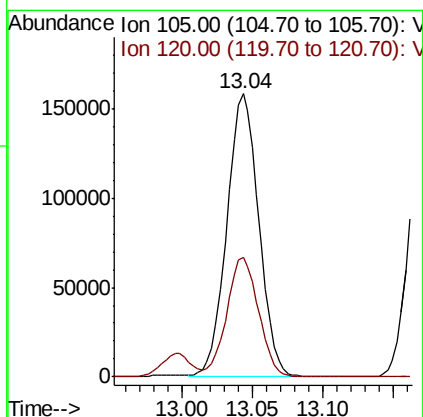
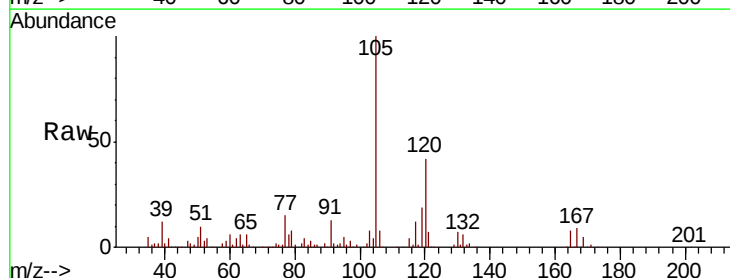
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBS01

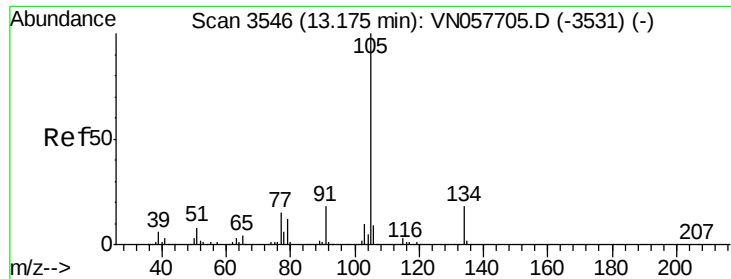
Tgt Ion:119 Resp: 217622
 Ion Ratio Lower Upper
 119 100
 91 74.9 39.6 118.8
 134 22.0 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.275 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN057716.D
 Acq: 6 Sep 2019 16:46

Tgt Ion:105 Resp: 251026
 Ion Ratio Lower Upper
 105 100
 120 41.9 20.8 62.5

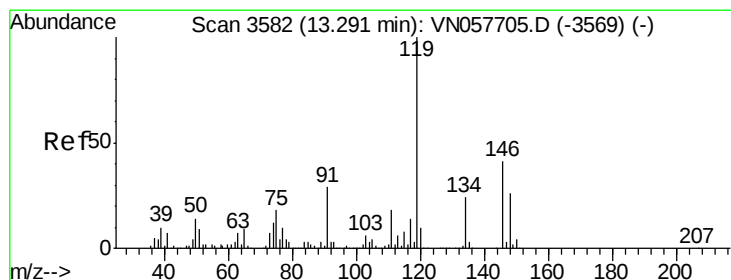
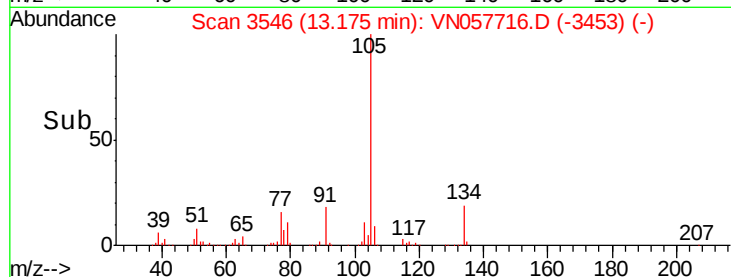
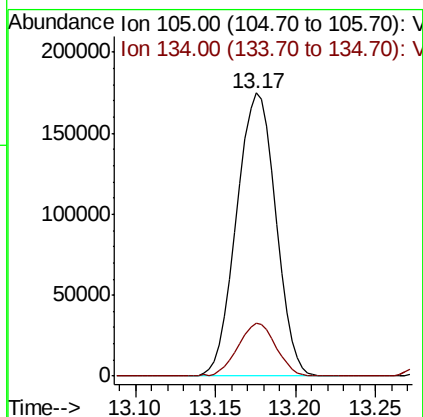
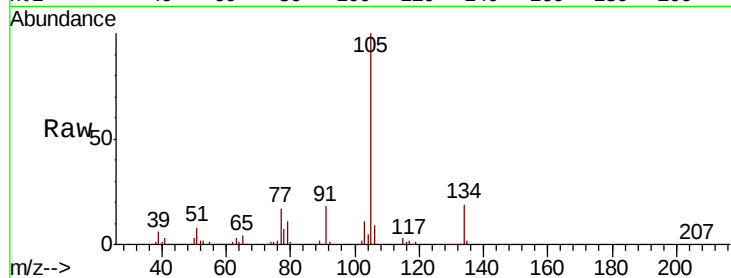




#85
 sec-Butylbenzene
 Concen: 20.163 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN057716.D
 Acq: 6 Sep 2019 16:46

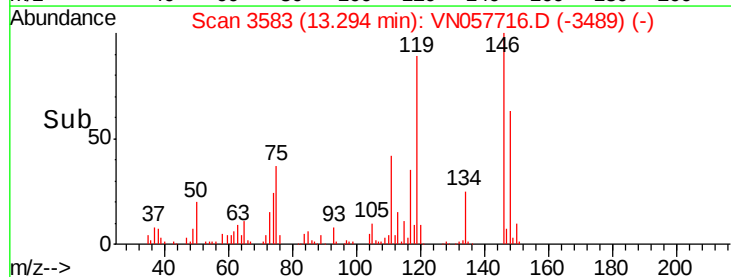
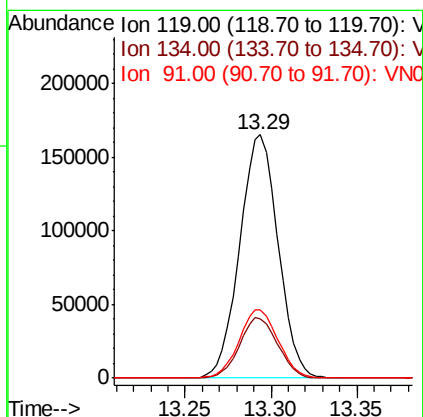
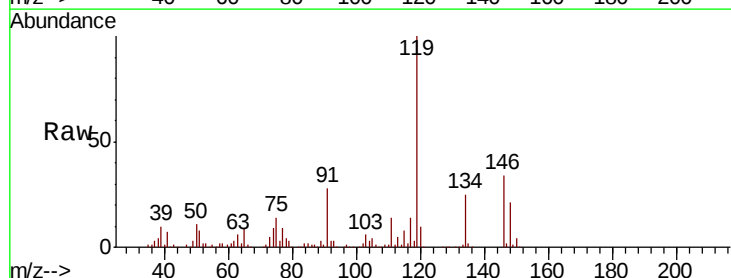
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBS01

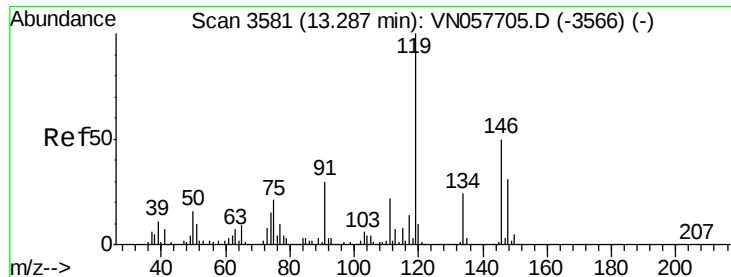
Tgt Ion:105 Resp: 292695
 Ion Ratio Lower Upper
 105 100
 134 18.1 8.8 26.5



#86
 p-Isopropyltoluene
 Concen: 20.862 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN057716.D
 Acq: 6 Sep 2019 16:46

Tgt Ion:119 Resp: 256654
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.4 37.0
 91 28.7 14.8 44.3

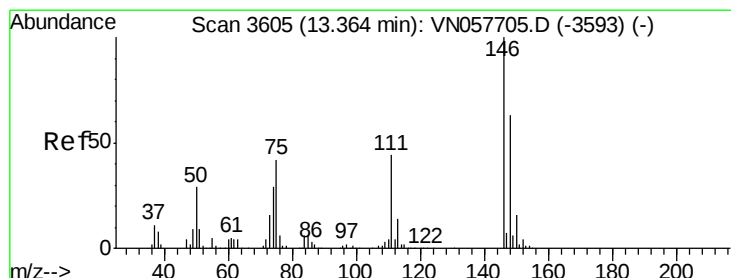
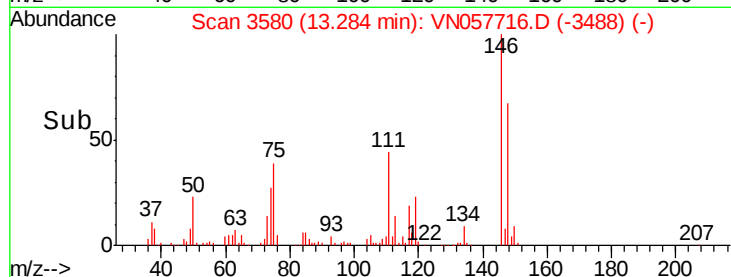
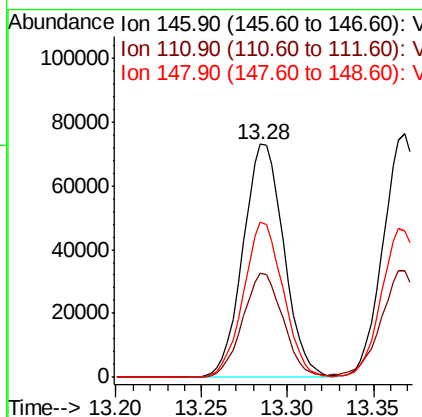
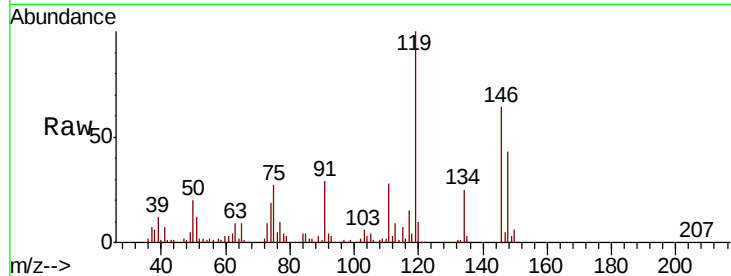




#87
 1,3-Dichlorobenzene
 Concen: 20.121 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN057716.D
 Acq: 6 Sep 2019 16:46

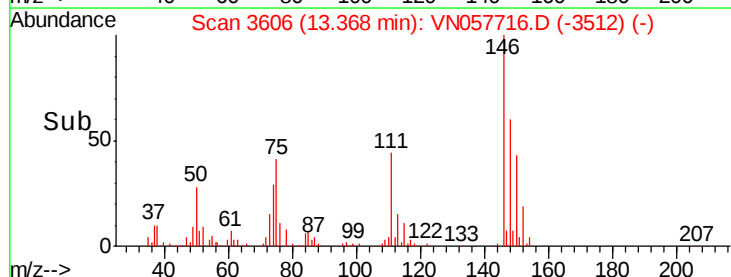
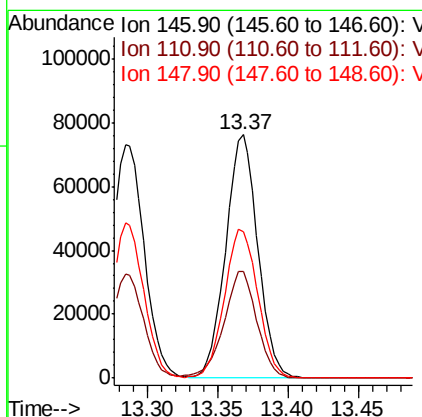
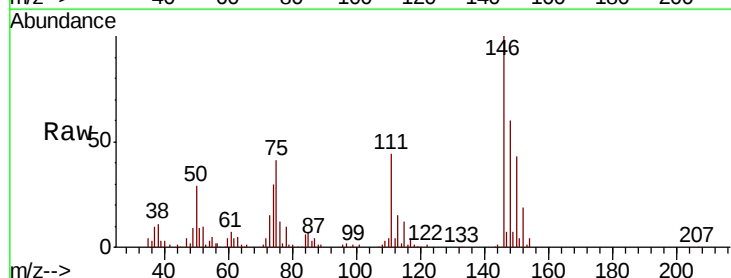
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBS01

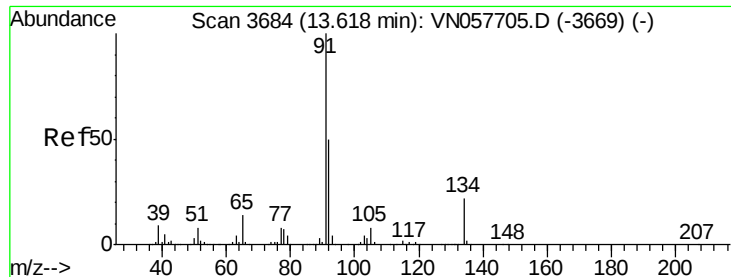
Tgt Ion:146 Resp: 120240
 Ion Ratio Lower Upper
 146 100
 111 44.2 22.3 66.8
 148 64.8 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 20.300 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN057716.D
 Acq: 6 Sep 2019 16:46

Tgt Ion:146 Resp: 121351
 Ion Ratio Lower Upper
 146 100
 111 45.1 22.3 66.9
 148 63.9 31.9 95.7





#89

n-Butylbenzene

Concen: 19.722 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBS01

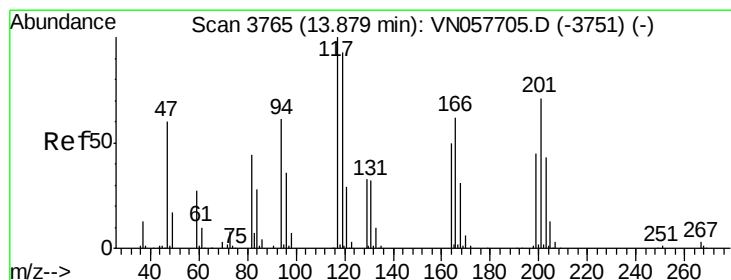
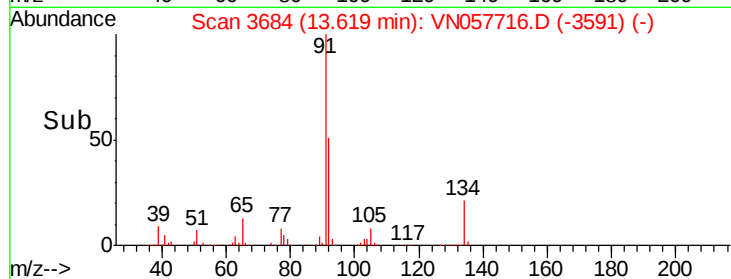
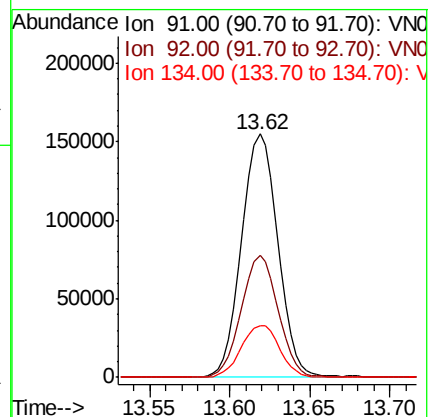
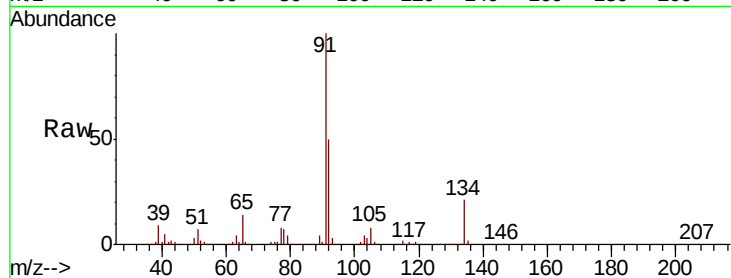
Tgt Ion: 91 Resp: 239958

Ion Ratio Lower Upper

91 100

92 50.9 25.6 76.8

134 22.5 11.2 33.5



#90

Hexachloroethane

Concen: 19.074 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN057716.D

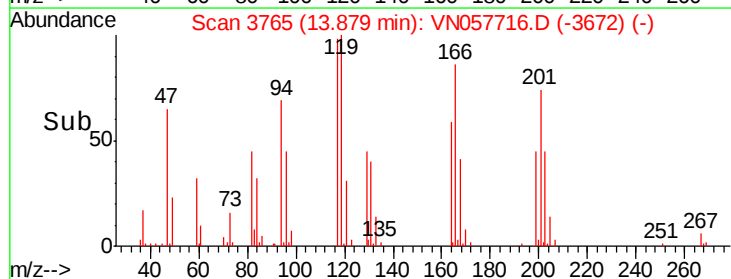
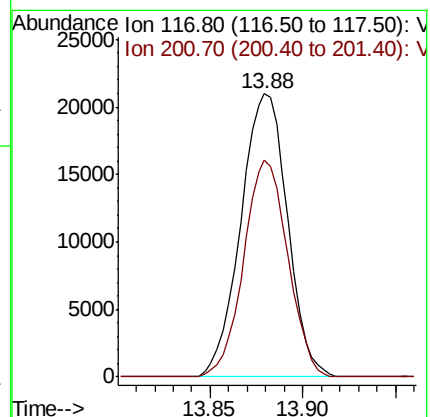
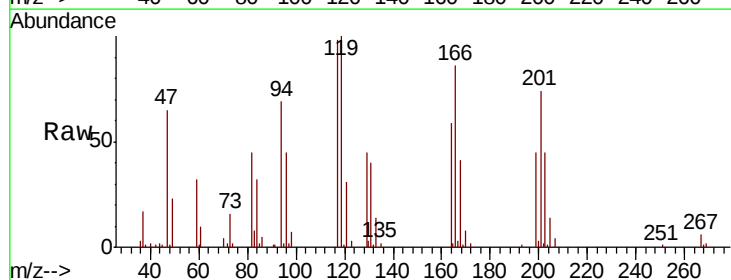
Acq: 6 Sep 2019 16:46

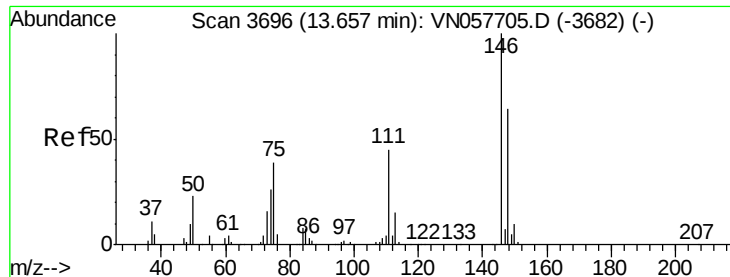
Tgt Ion: 117 Resp: 36769

Ion Ratio Lower Upper

117 100

201 72.2 36.4 109.2





#91

1,2-Dichlorobenzene

Concen: 20.394 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBS01

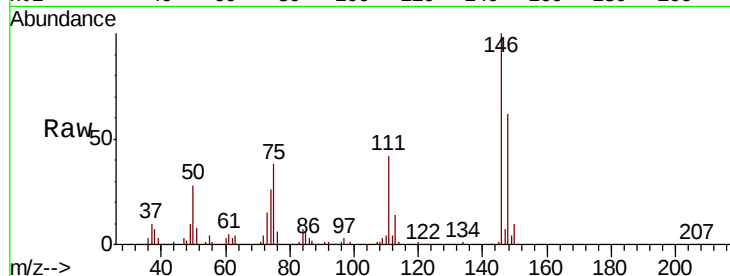
Tgt Ion: 146 Resp: 119988

Ion Ratio Lower Upper

146 100

111 45.7 22.8 68.3

148 63.9 31.6 95.0

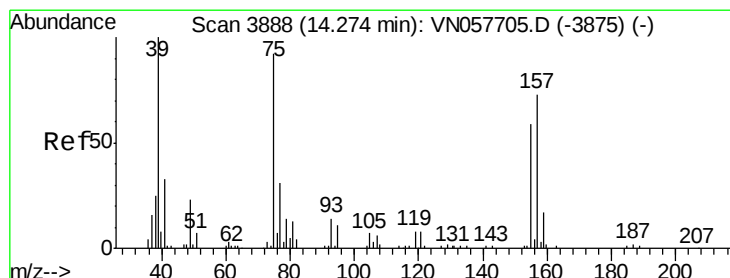
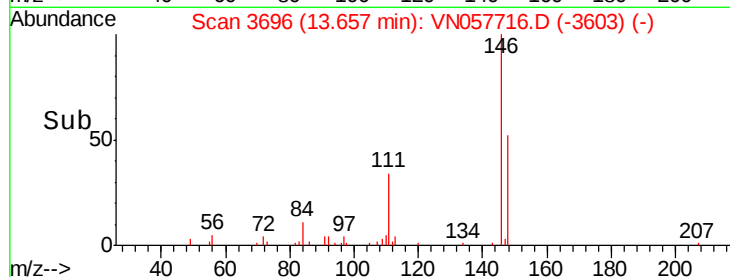
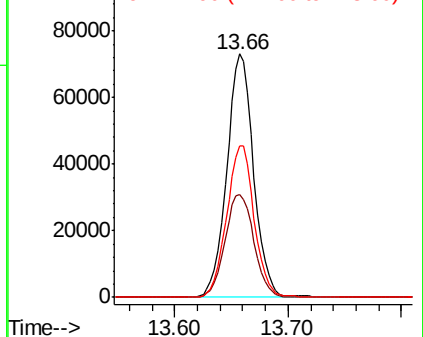


Abundance

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: 19.863 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN057716.D

Acq: 6 Sep 2019 16:46

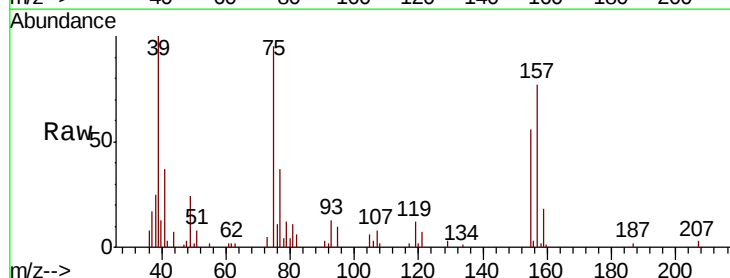
Tgt Ion: 75 Resp: 17265

Ion Ratio Lower Upper

75 100

155 61.7 30.1 90.5

157 79.6 38.1 114.5

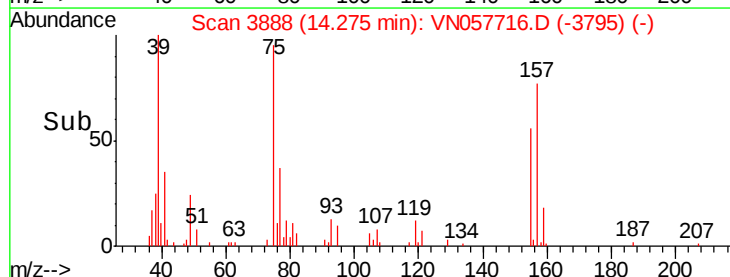
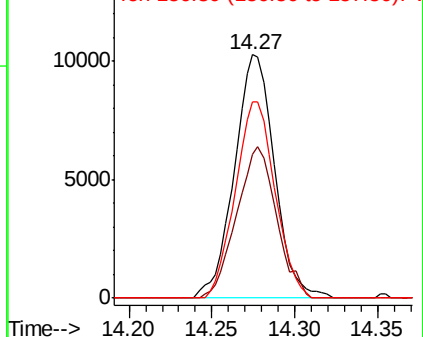


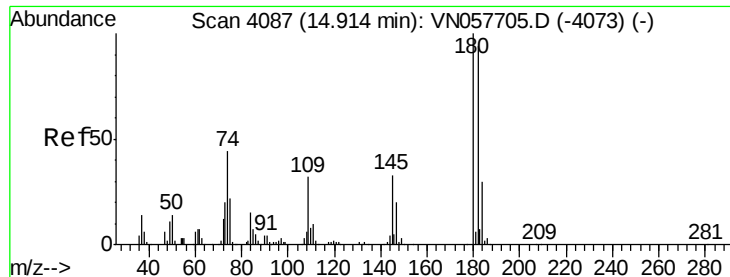
Abundance

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

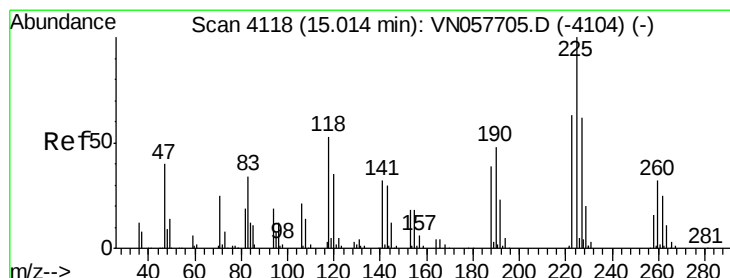
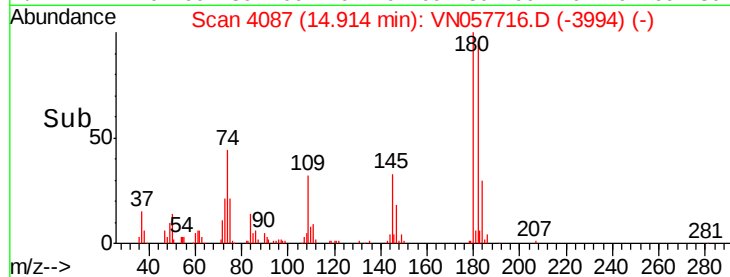
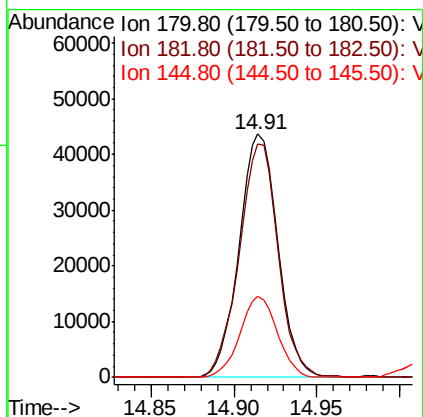
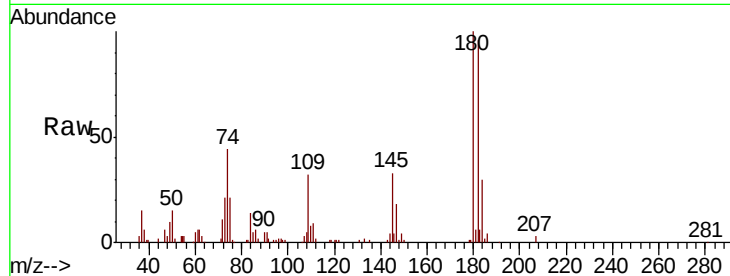




#93
 1,2,4-Trichlorobenzene
 Concen: 20.136 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057716.D
 Acq: 6 Sep 2019 16:46

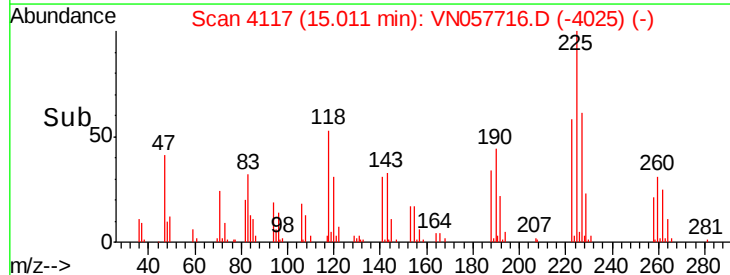
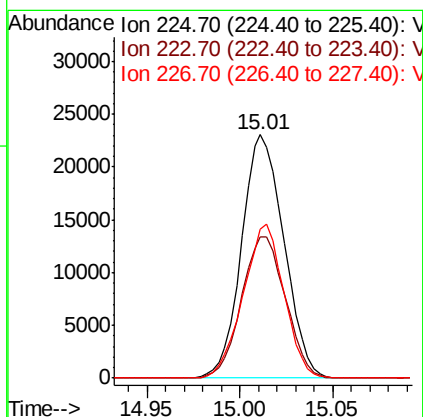
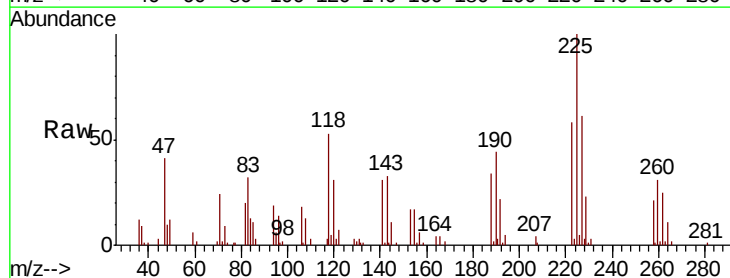
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBS01

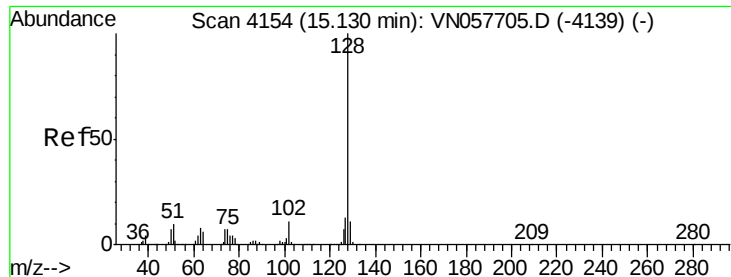
Tgt Ion:180 Resp: 70874
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.6 142.9
 145 32.0 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 21.291 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN057716.D
 Acq: 6 Sep 2019 16:46

Tgt Ion:225 Resp: 36527
 Ion Ratio Lower Upper
 225 100
 223 60.3 31.6 95.0
 227 61.0 31.7 95.1

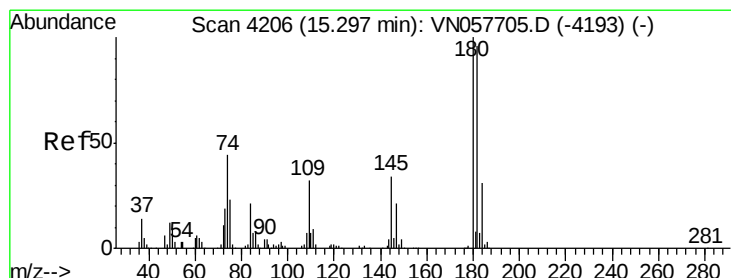
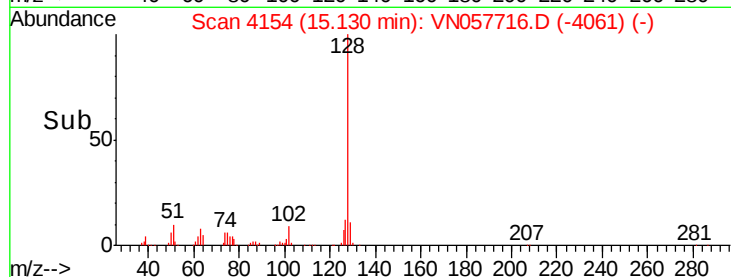
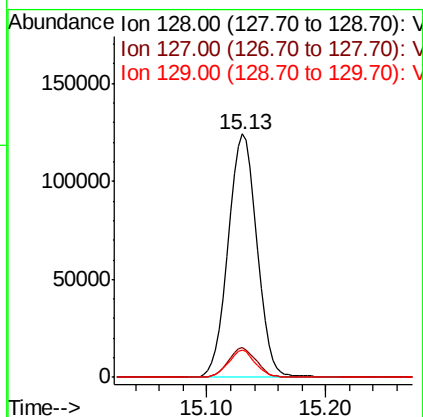
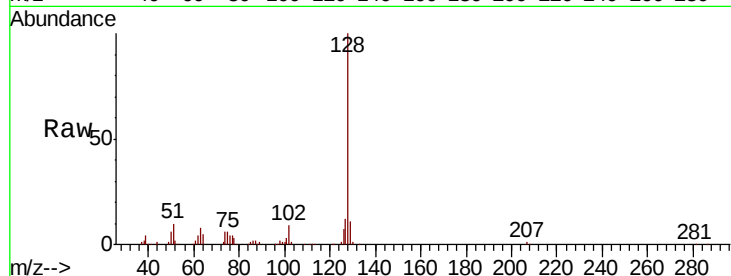




#95
Naphthalene
Concen: 20.414 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN057716.D
Acq: 6 Sep 2019 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

Tgt Ion:128 Resp: 208453
Ion Ratio Lower Upper
128 100
127 11.8 10.6 15.8
129 10.5 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 20.098 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. 0.00 min
Lab File: VN057716.D
Acq: 6 Sep 2019 16:46

Tgt Ion:180 Resp: 67806
Ion Ratio Lower Upper
180 100
182 91.9 47.0 141.2
145 33.4 17.5 52.6

