

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080619\
 Data File : VN057092.D
 Acq On : 6 Aug 2019 10:51
 Operator : JC/SP
 Sample : VN0806WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01

Quant Time: Aug 07 02:20:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	487798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	700078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	608091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	231643	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	238856	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
35) Dibromofluoromethane	7.58	113	224026	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	10.08	98	813369	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
62) 4-Bromofluorobenzene	12.40	95	257318	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	97681	19.808	ug/l	97
3) Chloromethane	2.05	50	103631	17.549	ug/l	100
4) Vinyl Chloride	2.18	62	98018	17.702	ug/l	100
5) Bromomethane	2.54	94	63369	18.409	ug/l	97
6) Chloroethane	2.69	64	55445	18.165	ug/l	98
7) Trichlorofluoromethane	3.00	101	144979	20.003	ug/l	99
8) Diethyl Ether	3.40	74	55092	20.310	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	91988	20.470	ug/l	100
10) Methyl Iodide	3.94	142	100185	16.685	ug/l	99
11) Tert butyl alcohol	4.76	59	31107	46.089	ug/l #	66
12) 1,1-Dichloroethene	3.72	96	83495	19.473	ug/l	97
13) Acrolein	3.60	56	20065	56.007	ug/l	98
14) Allyl chloride	4.30	41	128428	18.414	ug/l	97
15) Acrylonitrile	4.97	53	197225	99.645	ug/l	100
16) Acetone	3.80	43	183257	101.305	ug/l	100
17) Carbon Disulfide	4.03	76	180477	15.840	ug/l	99
18) Methyl Acetate	4.31	43	117292	20.325	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	265794	20.790	ug/l	96
20) Methylene Chloride	4.54	84	99873	19.167	ug/l	93
21) trans-1,2-Dichloroethene	5.02	96	87806	19.282	ug/l	99
22) Diisopropyl ether	5.93	45	285458	19.864	ug/l	97
23) Vinyl Acetate	5.88	43	972432	97.666	ug/l	98
24) 1,1-Dichloroethane	5.83	63	170408	20.098	ug/l	98
25) 2-Butanone	6.82	43	252382	98.390	ug/l	97
26) 2,2-Dichloropropane	6.81	77	129448	20.079	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	106816	19.832	ug/l	99
28) Bromochloromethane	7.18	49	73353	18.406	ug/l	98
29) Tetrahydrofuran	7.20	42	160901	96.141	ug/l	98
30) Chloroform	7.36	83	171686	19.805	ug/l	99
31) Cyclohexane	7.64	56	144571	17.620	ug/l #	92
32) 1,1,1-Trichloroethane	7.56	97	139919	20.229	ug/l	99
36) 1,1-Dichloropropene	7.78	75	121332	19.696	ug/l	99
37) Ethyl Acetate	6.91	43	98701	20.005	ug/l	99
38) Carbon Tetrachloride	7.76	117	121857	20.913	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	146534	18.612	ug/l	99
40) Benzene	8.03	78	379137	19.982	ug/l	97
41) Methacrylonitrile	7.16	41	47781	20.949	ug/l	93
42) 1,2-Dichloroethane	8.11	62	124617	20.956	ug/l	98
43) Isopropyl Acetate	8.15	43	162457	19.922	ug/l	98
44) Trichloroethene	8.83	130	105955	20.270	ug/l	98
45) 1,2-Dichloropropane	9.11	63	99913	19.687	ug/l	99
46) Dibromomethane	9.20	93	64975	21.230	ug/l	97
47) Bromodichloromethane	9.39	83	128306	21.322	ug/l	99
48) Methyl methacrylate	9.19	41	79619	20.223	ug/l	98
49) 1,4-Dioxane	9.19	88	33971	418.700	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	488461	100.813	ug/l	100
52) Toluene	10.15	92	236578	20.753	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	130689	20.929	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	149484	20.589	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	94677	20.710	ug/l	98
56) Ethyl methacrylate	10.42	69	129322	19.833	ug/l	99
57) 1,3-Dichloropropane	10.70	76	155452	20.506	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	202637	73.968	ug/l	99
59) 2-Hexanone	10.74	43	343357	93.601	ug/l	98
60) Dibromochloromethane	10.90	129	101681	21.710	ug/l	99
61) 1,2-Dibromoethane	11.00	107	94088	21.090	ug/l	99
64) Tetrachloroethene	10.63	164	108552	20.715	ug/l	96
65) Chlorobenzene	11.43	112	255588	20.622	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	101551	21.770	ug/l	98
67) Ethyl Benzene	11.51	91	437728	20.435	ug/l	100
68) m/p-Xylenes	11.62	106	329040	41.623	ug/l	100
69) o-Xylene	11.94	106	163331	21.118	ug/l	98
70) Styrene	11.96	104	260102	20.183	ug/l	99
71) Bromoform	12.12	173	69448	21.324	ug/l #	99
73) Isopropylbenzene	12.25	105	436744	21.816	ug/l	99
74) N-amyl acetate	12.07	43	123221	21.198	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	120475	22.398	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	142971	30.392	ug/l #	100
77) Bromobenzene	12.52	156	113621	21.746	ug/l	99
78) n-propylbenzene	12.59	91	453825	21.231	ug/l	99
79) 2-Chlorotoluene	12.67	91	280699	21.326	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	366031	22.277	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	31867	21.765	ug/l	96
82) 4-Chlorotoluene	12.77	91	263389	21.383	ug/l	99
83) tert-Butylbenzene	12.99	119	329884	22.680	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	346699	21.929	ug/l	100
85) sec-Butylbenzene	13.17	105	405753	21.627	ug/l	99
86) p-Isopropyltoluene	13.29	119	359537	21.585	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	163756	20.604	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	156969	20.516	ug/l	100
89) n-Butylbenzene	13.61	91	257374	20.049	ug/l	99
90) Hexachloroethane	13.87	117	63652	22.193	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	163943	20.959	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16247	20.404	ug/l	98

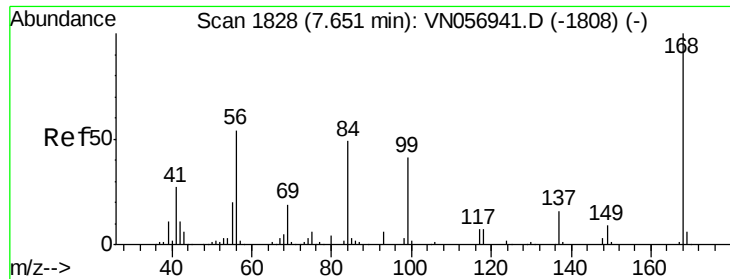
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080619\
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	56877	16.042	ug/l	96
94) Hexachlorobutadiene	15.00	225	69103	23.533	ug/l	100
95) Naphthalene	15.12	128	133428	16.172	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	64894	17.311	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

Instrument :

MSVOA_N

ClientSampleId :

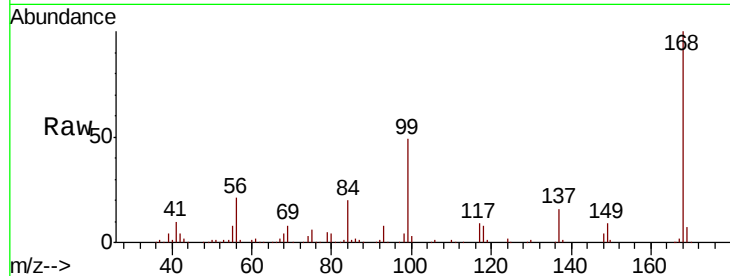
VN0806WBS01

Tgt Ion:168 Resp: 487798

Ion Ratio Lower Upper

168 100

99 49.0 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.65

200000

150000

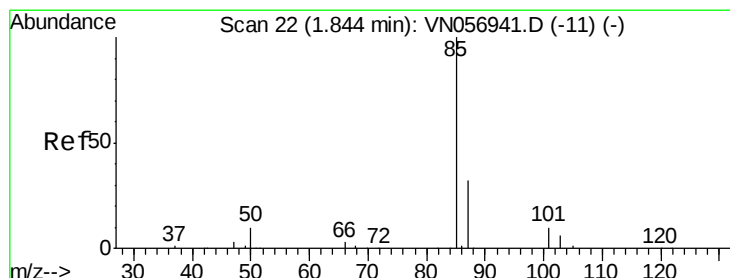
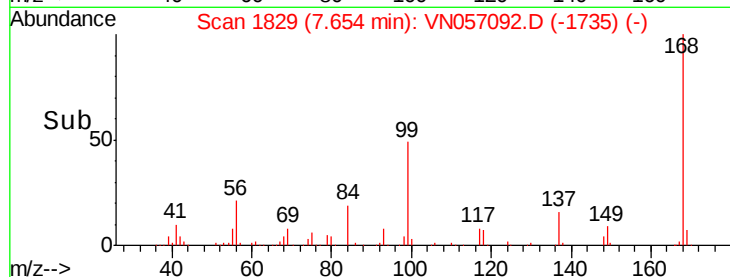
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.808 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN057092.D

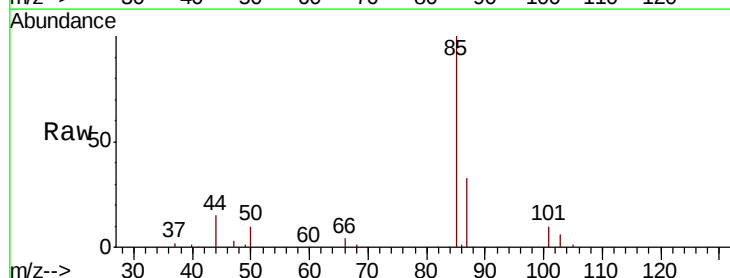
Acq: 6 Aug 2019 10:51

Tgt Ion: 85 Resp: 97681

Ion Ratio Lower Upper

85 100

87 33.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): V

Ion 86.90 (86.60 to 87.60): V

1.85

80000

60000

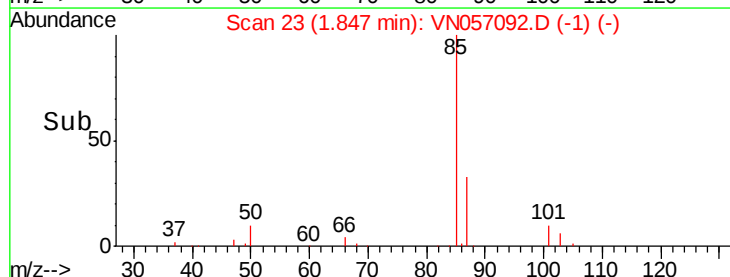
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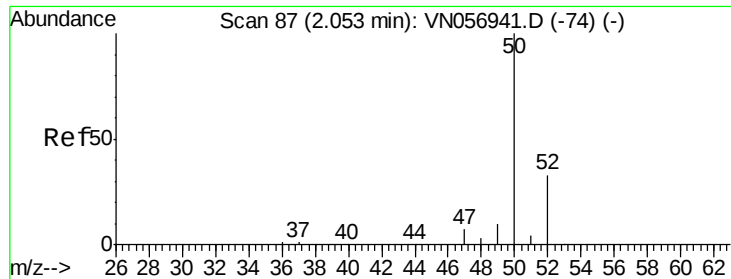
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 17.549 ug/l

RT: 2.05 min Scan# 87

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

Instrument :

MSVOA_N

ClientSampleId :

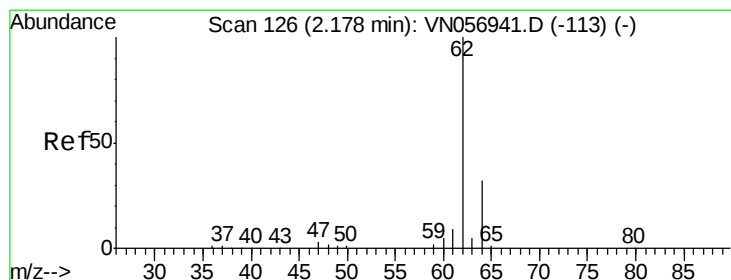
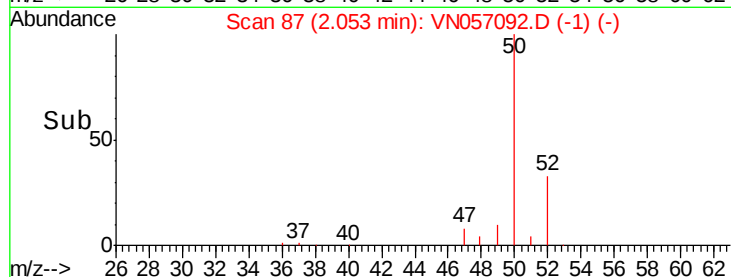
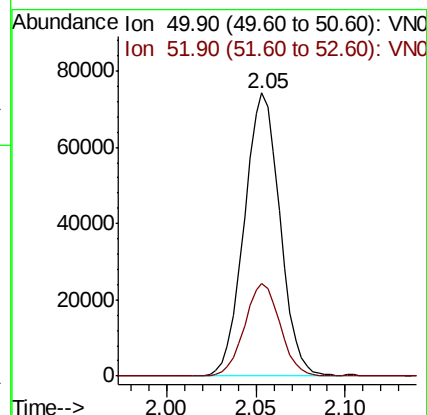
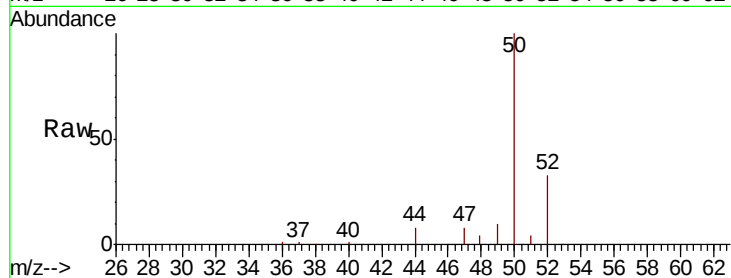
VN0806WBS01

Tgt Ion: 50 Resp: 103631

Ion Ratio Lower Upper

50 100

52 32.9 26.2 39.2



#4

Vinyl Chloride

Concen: 17.702 ug/l

RT: 2.18 min Scan# 126

Delta R.T. 0.00 min

Lab File: VN057092.D

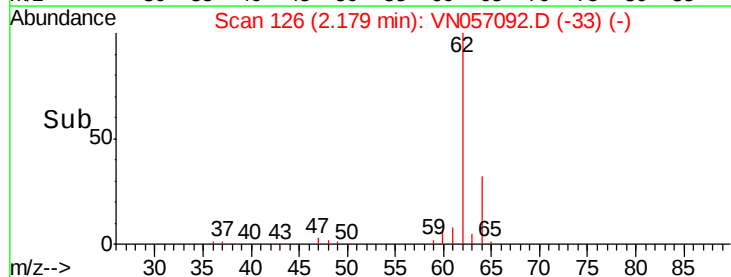
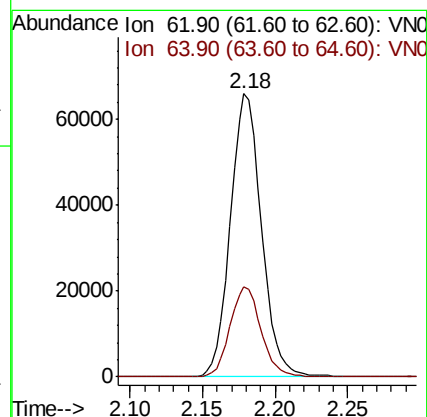
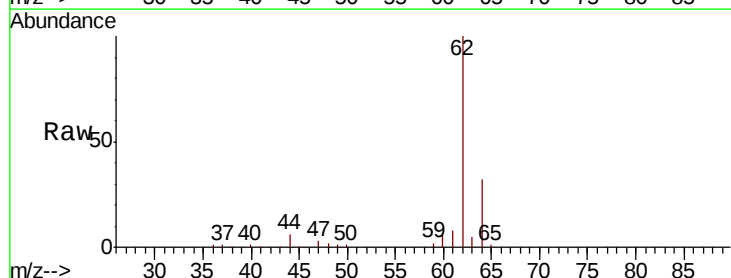
Acq: 6 Aug 2019 10:51

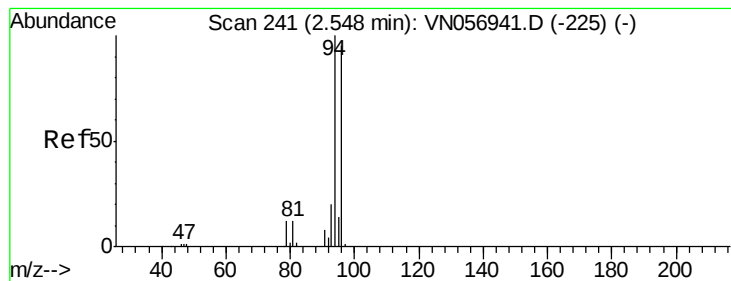
Tgt Ion: 62 Resp: 98018

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.0





#5

Bromomethane

Concen: 18.409 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

Instrument :

MSVOA_N

ClientSampleId :

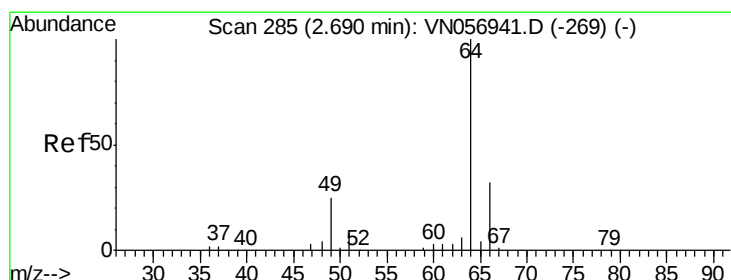
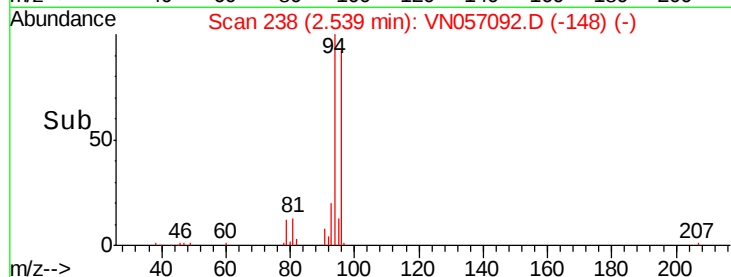
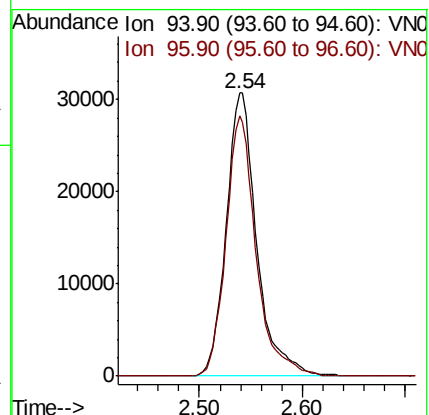
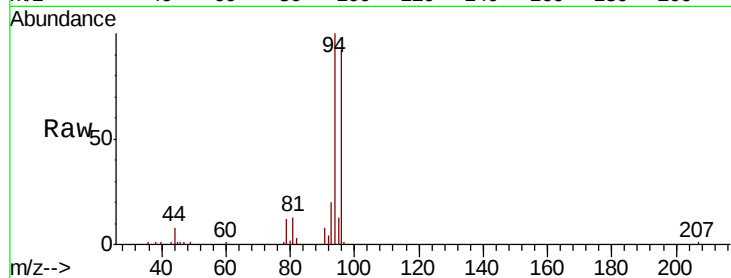
VN0806WBS01

Tgt Ion: 94 Resp: 63369

Ion Ratio Lower Upper

94 100

96 91.9 76.2 114.2



#6

Chloroethane

Concen: 18.165 ug/l

RT: 2.69 min Scan# 284

Delta R.T. -0.00 min

Lab File: VN057092.D

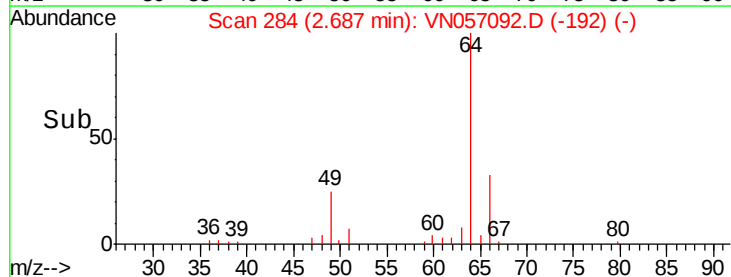
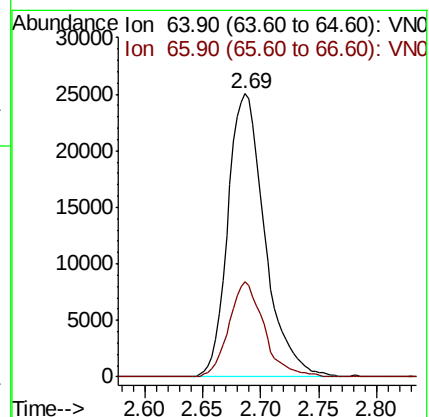
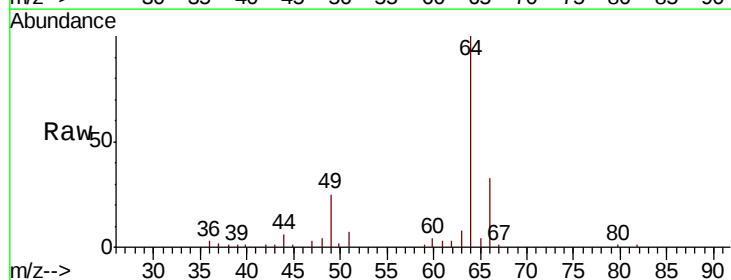
Acq: 6 Aug 2019 10:51

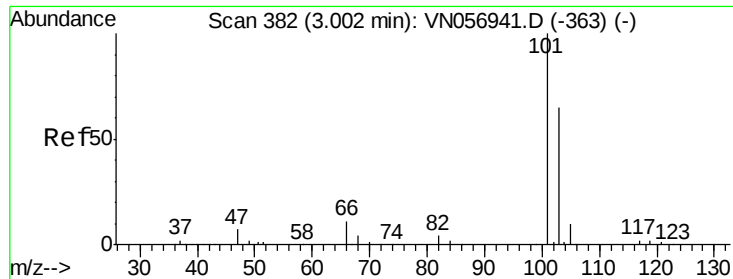
Tgt Ion: 64 Resp: 55445

Ion Ratio Lower Upper

64 100

66 33.4 25.8 38.8



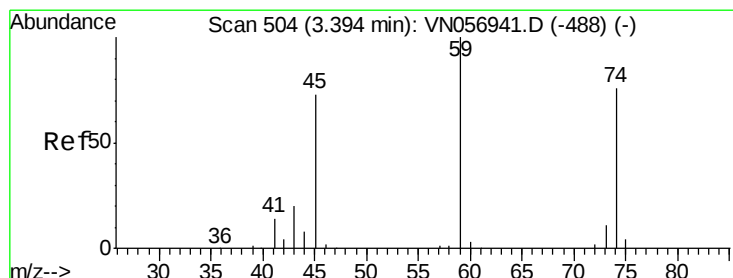
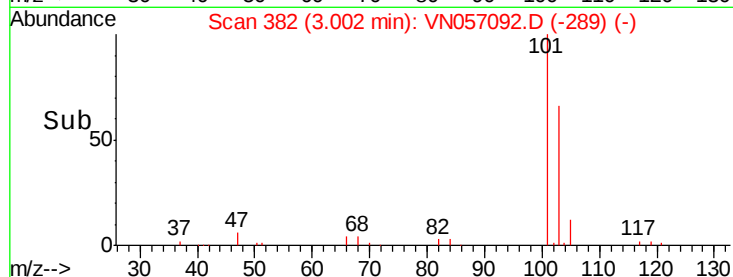
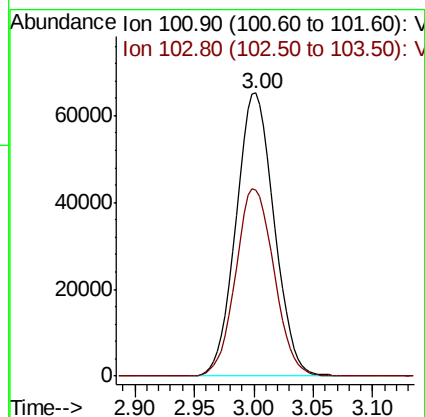
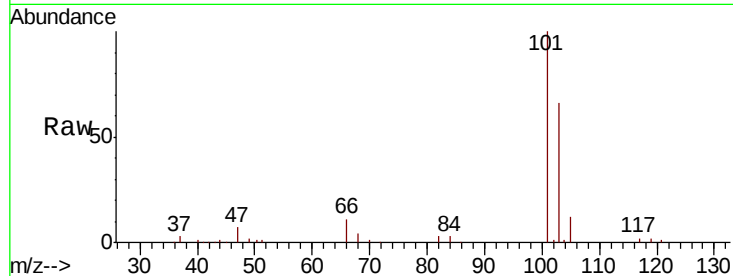


#7

Trichlorofluoromethane
 Concen: 20.003 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN057092.D
 Acq: 6 Aug 2019 10:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01

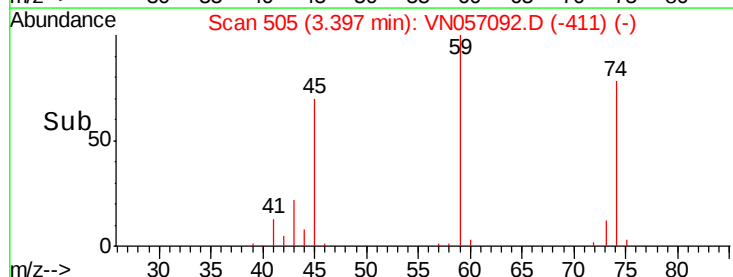
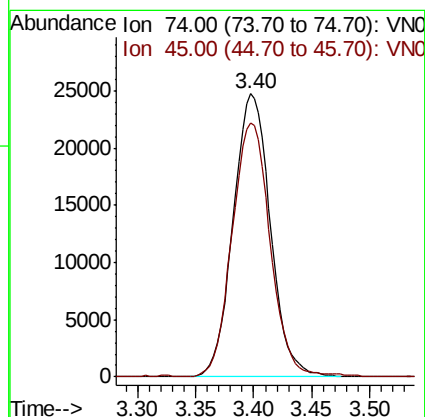
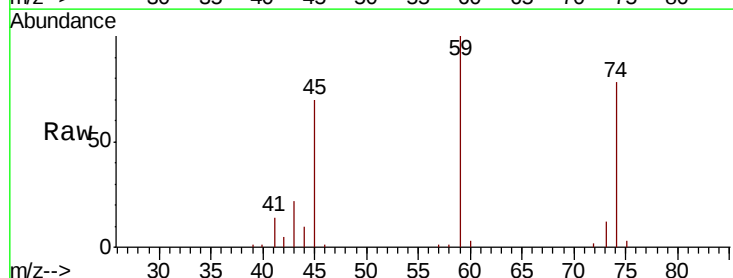
Tgt Ion:101 Resp: 144979
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.1 78.1

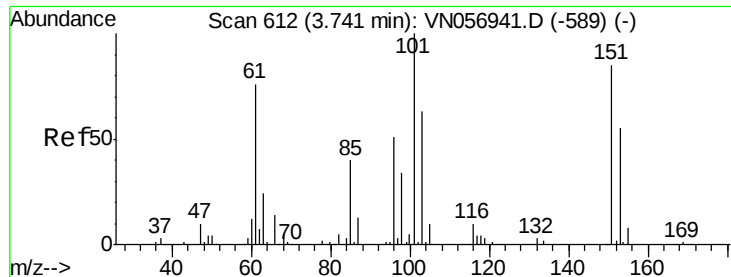


#8

Diethyl Ether
 Concen: 20.310 ug/l
 RT: 3.40 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: VN057092.D
 Acq: 6 Aug 2019 10:51

Tgt Ion: 74 Resp: 55092
 Ion Ratio Lower Upper
 74 100
 45 92.6 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.470 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS01

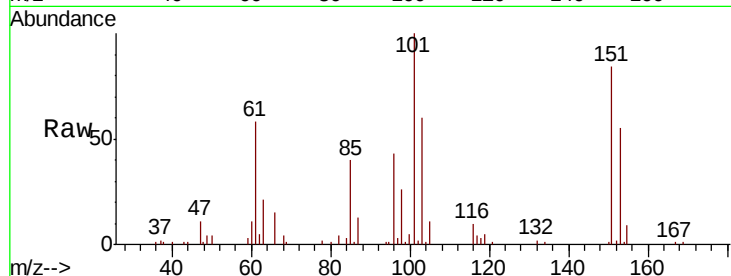
Tgt Ion:101 Resp: 91988

Ion Ratio Lower Upper

101 100

85 40.8 32.3 48.5

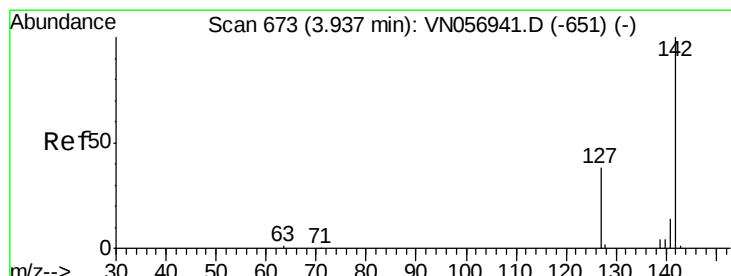
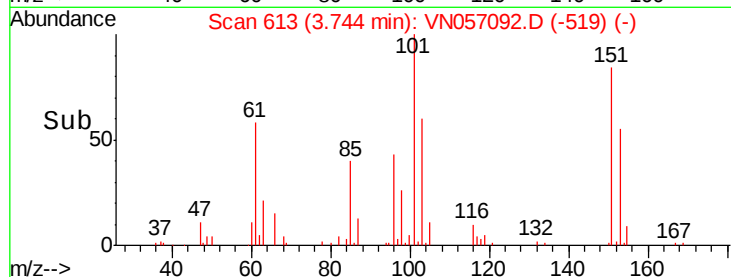
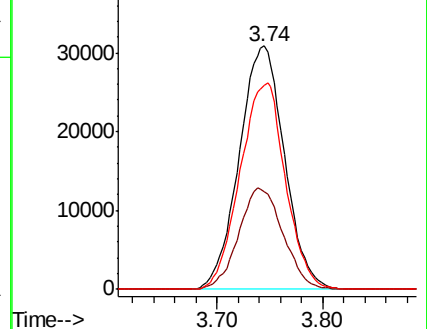
151 85.0 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.685 ug/l

RT: 3.94 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

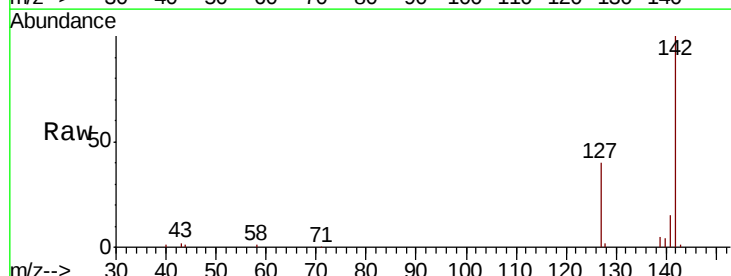
Tgt Ion:142 Resp: 100185

Ion Ratio Lower Upper

142 100

127 38.8 30.4 45.6

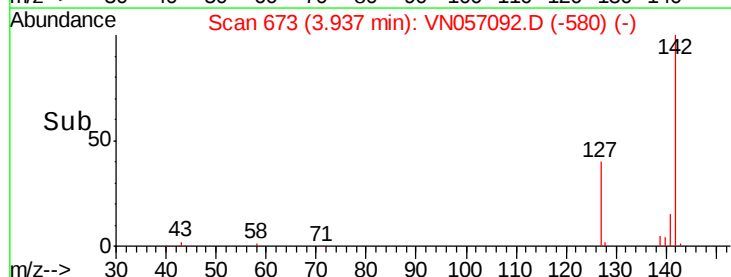
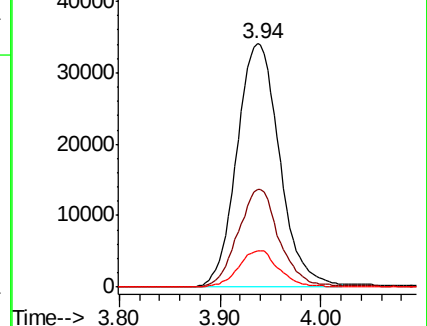
141 14.1 11.1 16.7

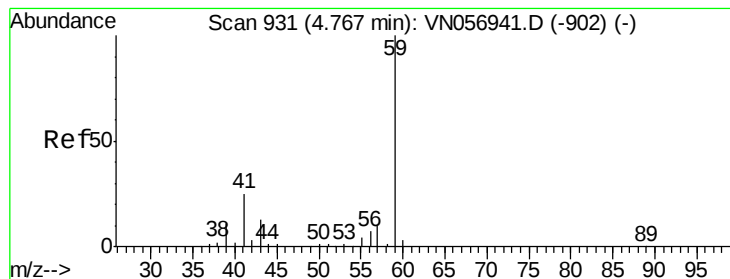


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



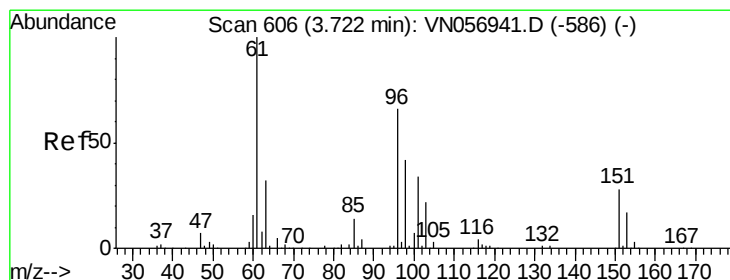
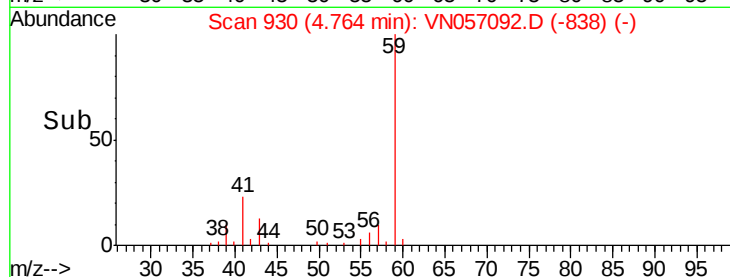
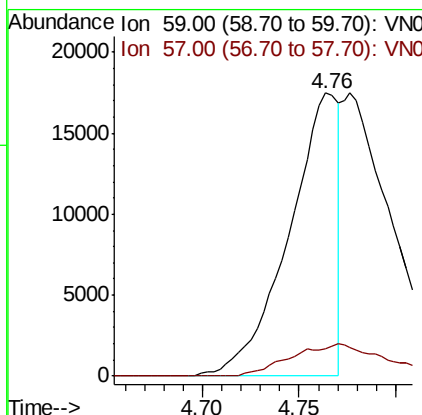
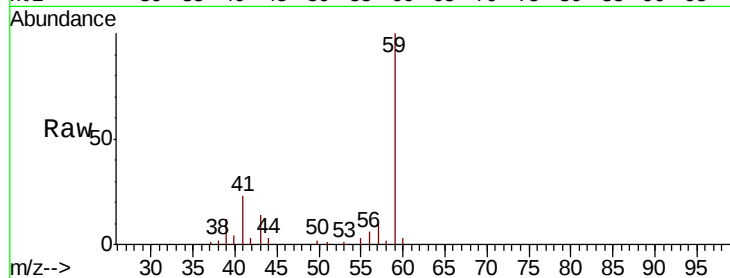


#11

Tert butyl alcohol
 Concen: 46.089 ug/l
 RT: 4.76 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VN057092.D
 Acq: 6 Aug 2019 10:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01

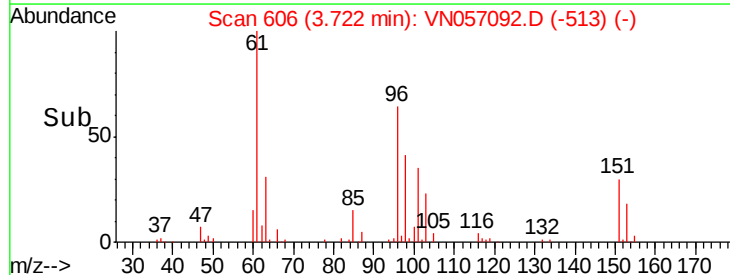
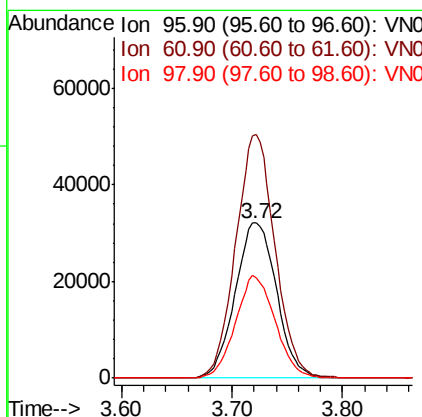
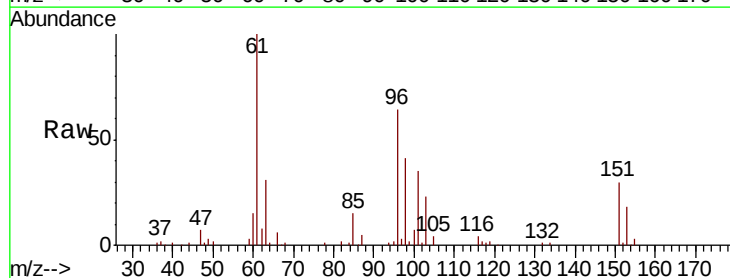
Tgt Ion: 59 Resp: 31107
 Ion Ratio Lower Upper
 59 100
 57 21.7 7.5 11.3#

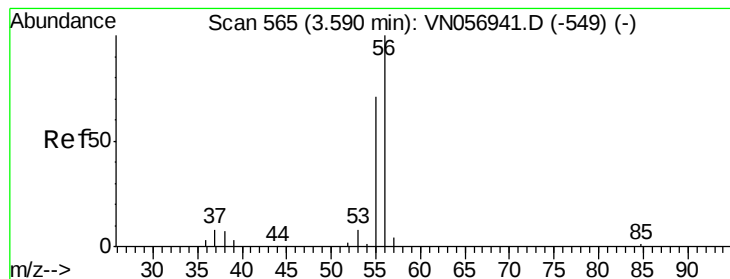


#12

1,1-Dichloroethene
 Concen: 19.473 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VN057092.D
 Acq: 6 Aug 2019 10:51

Tgt Ion: 96 Resp: 83495
 Ion Ratio Lower Upper
 96 100
 61 156.8 121.8 182.8
 98 64.7 51.7 77.5





#13

Acrolein

Concen: 56.007 ug/l

RT: 3.60 min Scan# 567

Delta R.T. 0.01 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

Instrument :

MSVOA_N

ClientSampleId :

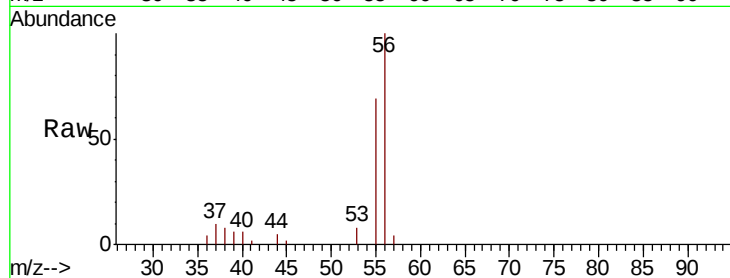
VN0806WBS01

Tgt Ion: 56 Resp: 20065

Ion Ratio Lower Upper

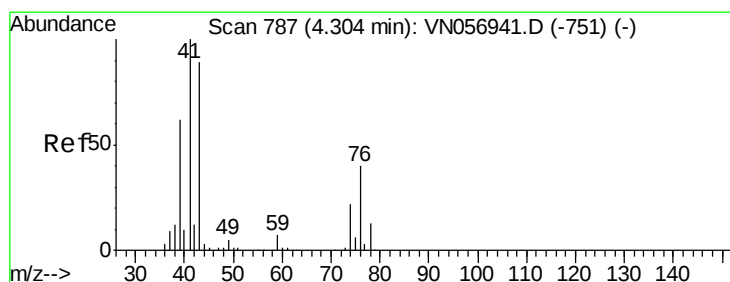
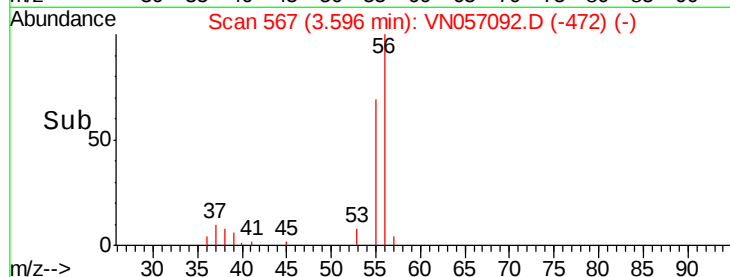
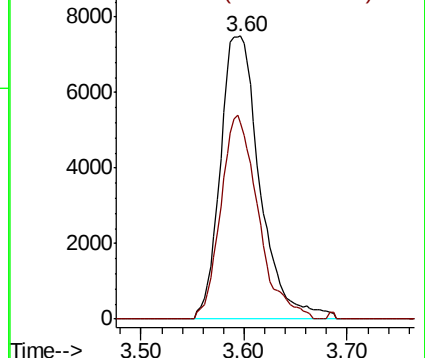
56 100

55 68.0 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.414 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

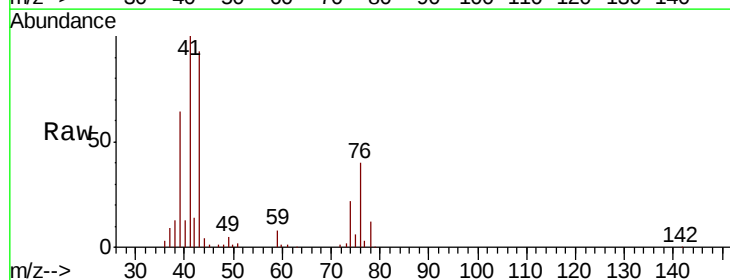
Tgt Ion: 41 Resp: 128428

Ion Ratio Lower Upper

41 100

39 60.3 46.4 69.6

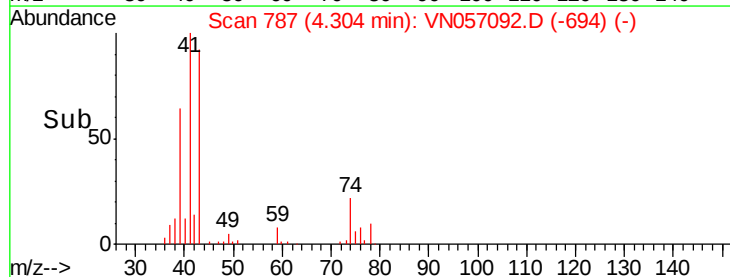
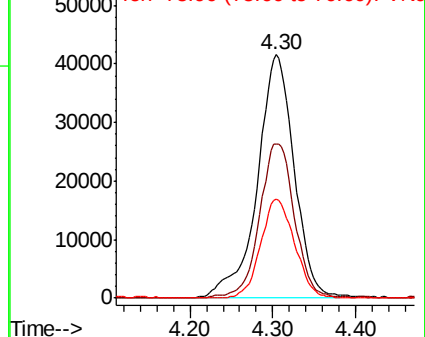
76 37.4 28.4 42.6

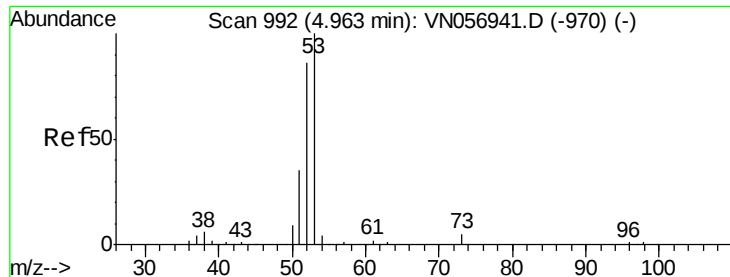


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 99.645 ug/l

RT: 4.97 min Scan# 994

Delta R.T. 0.01 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS01

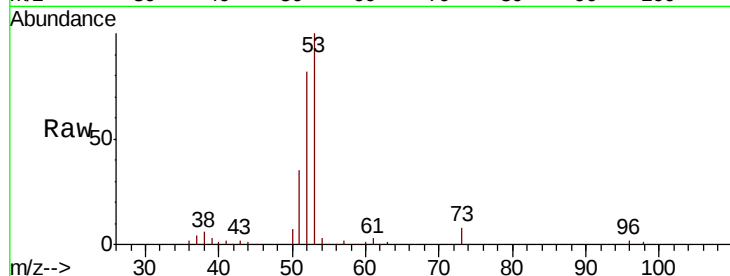
Tgt Ion: 53 Resp: 197225

Ion Ratio Lower Upper

53 100

52 82.7 66.5 99.7

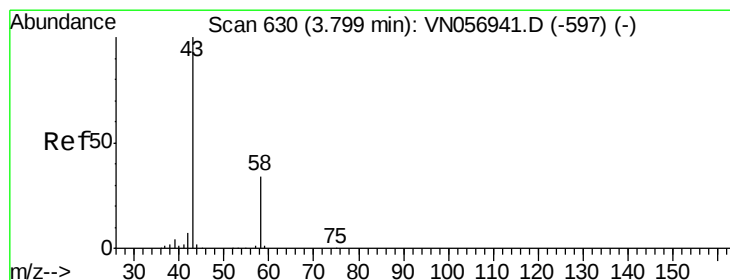
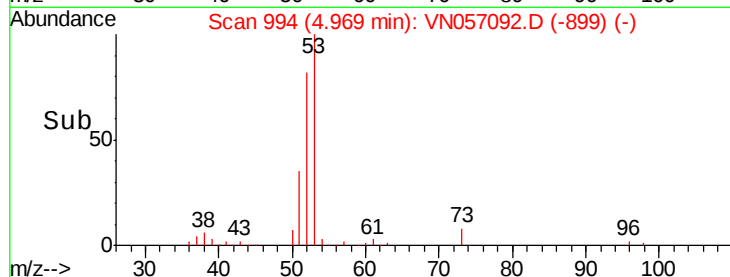
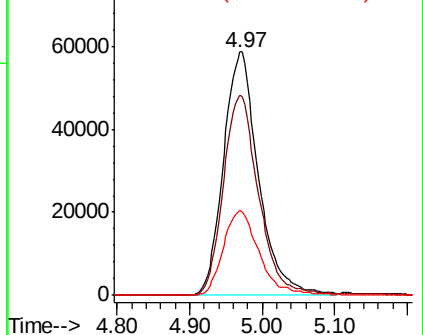
51 35.6 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 101.305 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: VN057092.D

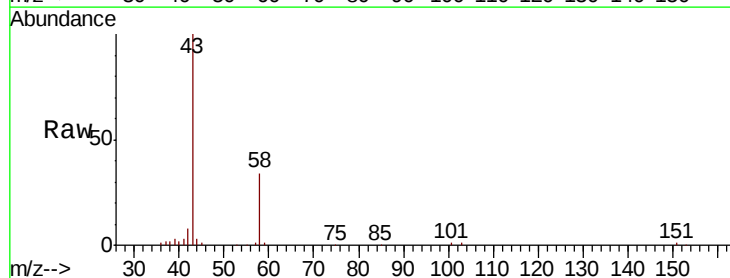
Acq: 6 Aug 2019 10:51

Tgt Ion: 43 Resp: 183257

Ion Ratio Lower Upper

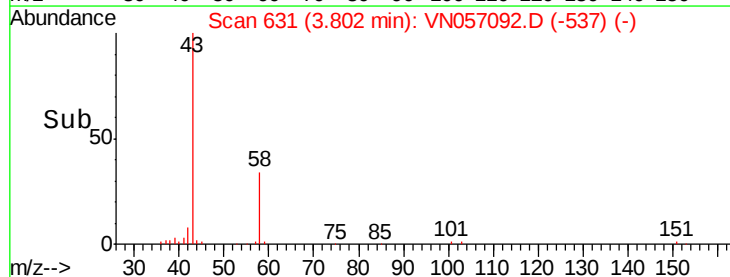
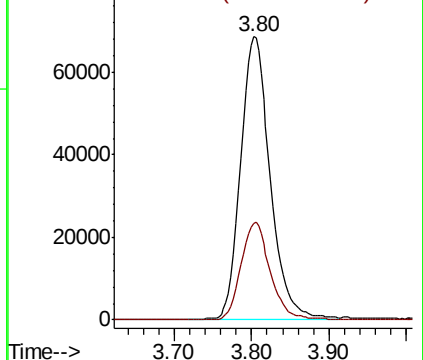
43 100

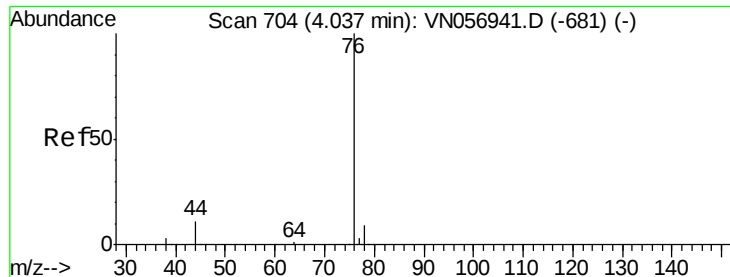
58 34.1 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

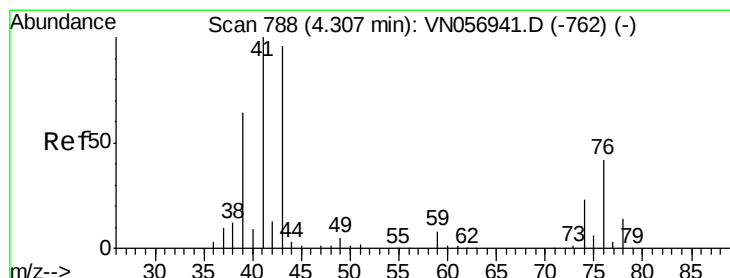
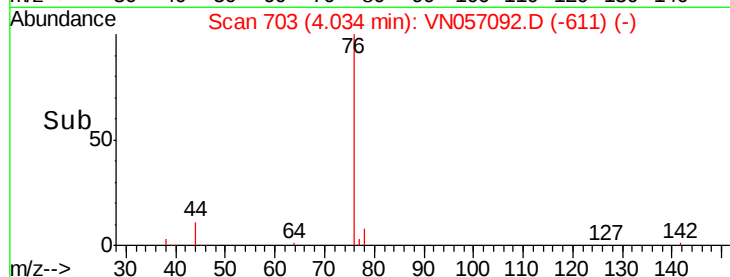
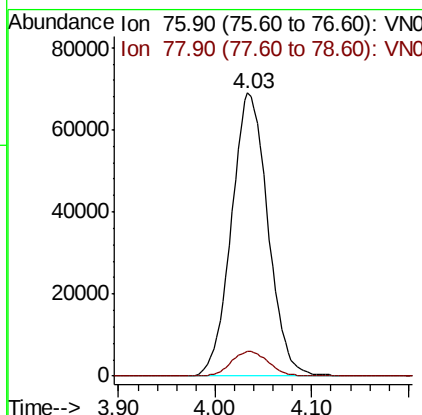
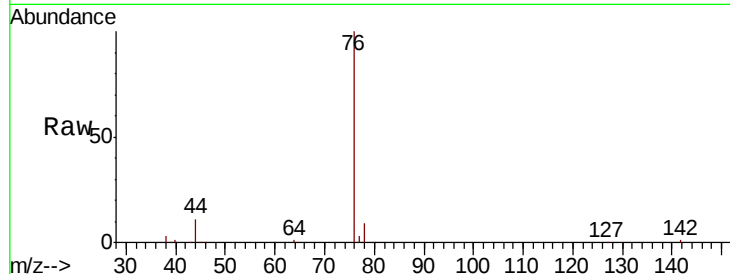




#17
Carbon Disulfide
Concen: 15.840 ug/l
RT: 4.03 min Scan# 703
Delta R.T. -0.00 min
Lab File: VN057092.D
Acq: 6 Aug 2019 10:51

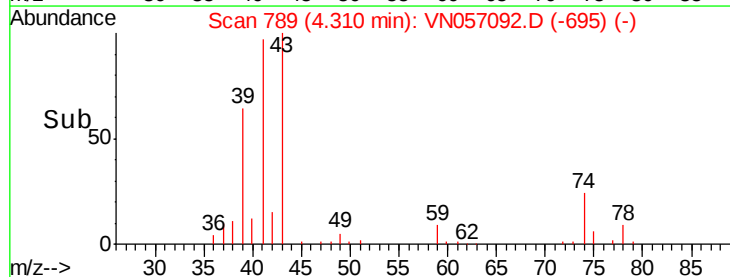
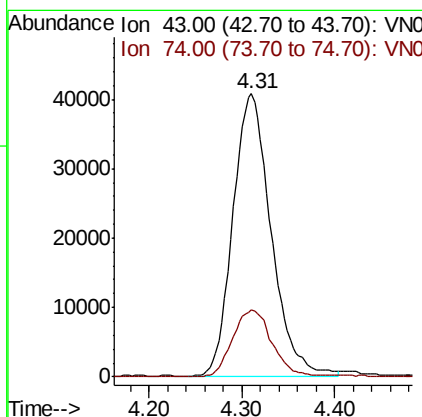
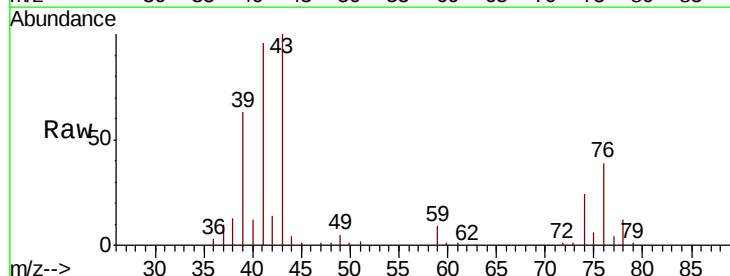
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01

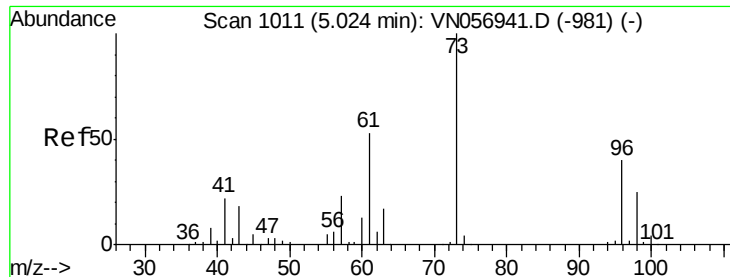
Tgt Ion: 76 Resp: 180477
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 20.325 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN057092.D
Acq: 6 Aug 2019 10:51

Tgt Ion: 43 Resp: 117292
Ion Ratio Lower Upper
43 100
74 24.1 19.7 29.5

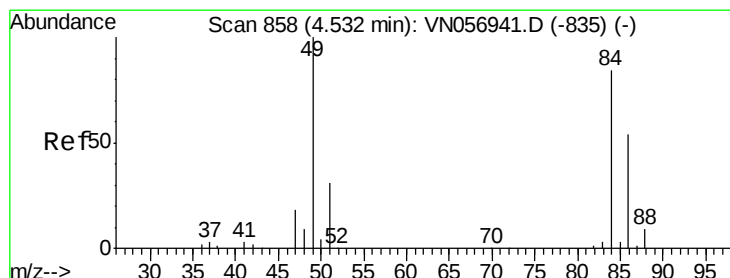
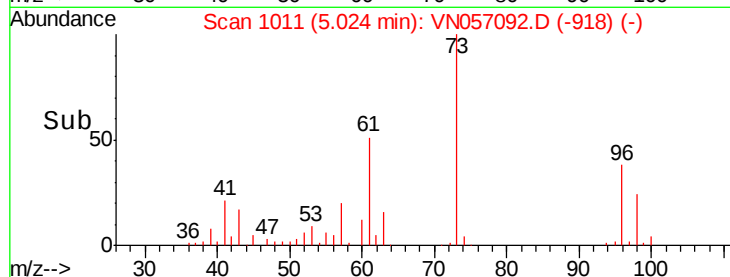
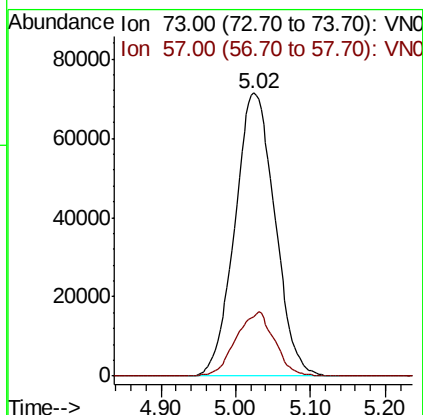
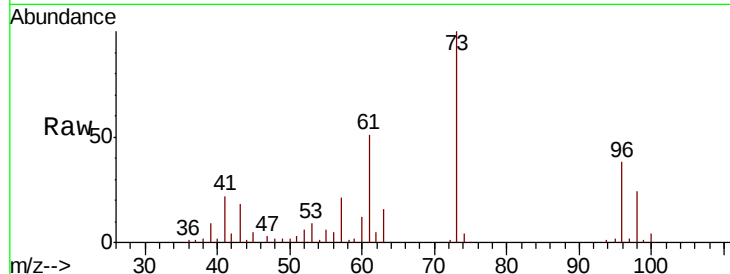




#19
Methyl tert-butyl Ether
Concen: 20.790 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN057092.D
Acq: 6 Aug 2019 10:51

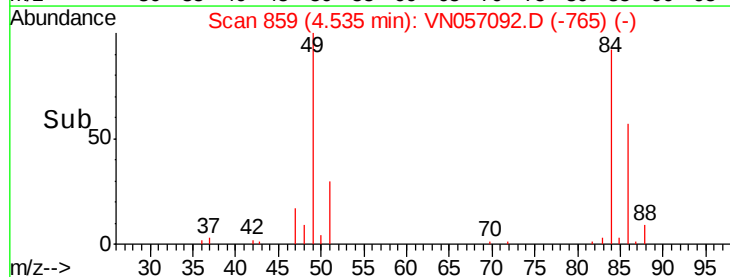
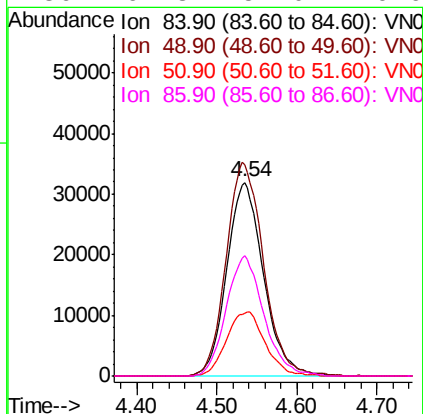
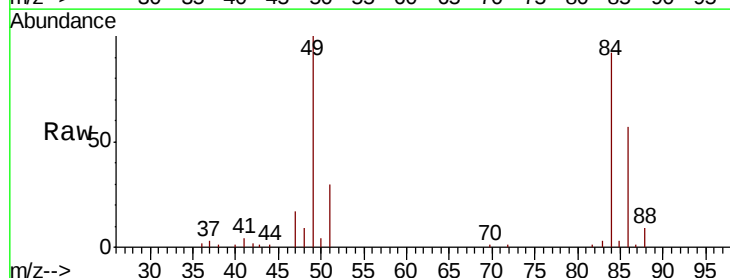
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01

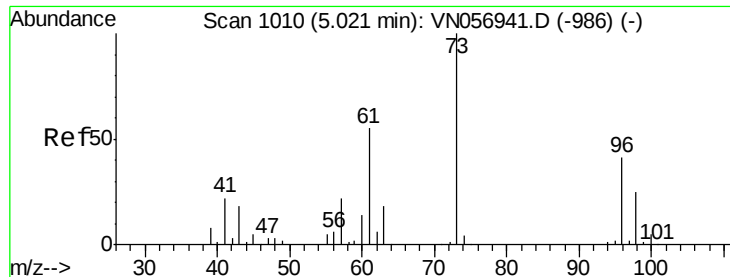
Tgt Ion: 73 Resp: 265794
Ion Ratio Lower Upper
73 100
57 20.8 18.3 27.5



#20
Methylene Chloride
Concen: 19.167 ug/l
RT: 4.54 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN057092.D
Acq: 6 Aug 2019 10:51

Tgt Ion: 84 Resp: 99873
Ion Ratio Lower Upper
84 100
49 109.2 95.2 142.8
51 32.3 29.7 44.5
86 62.3 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.282 ug/l

RT: 5.02 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

Instrument :

MSVOA_N

ClientSampled :

VN0806WBS01

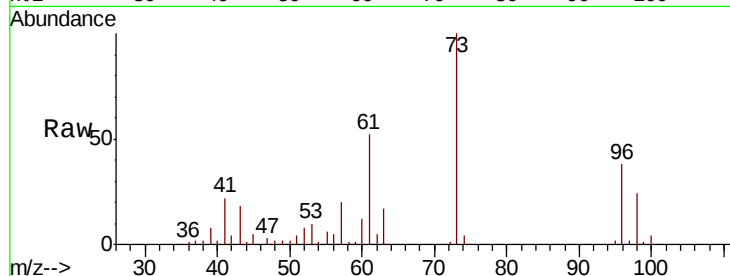
Tgt Ion: 96 Resp: 87806

Ion Ratio Lower Upper

96 100

61 134.9 107.5 161.3

98 63.4 49.9 74.9

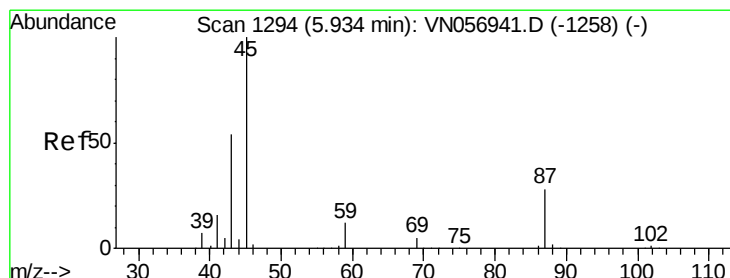
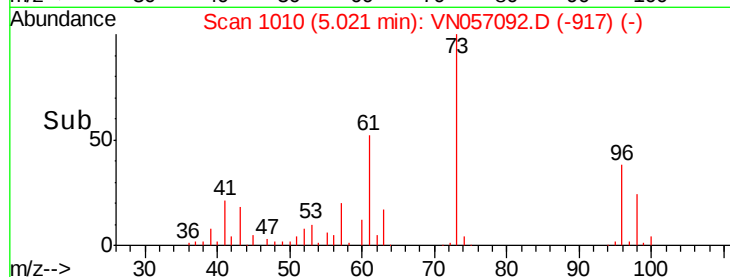
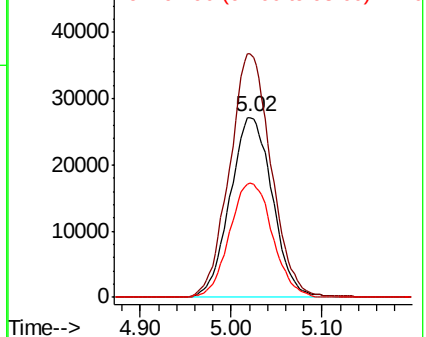


Abundance

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: 19.864 ug/l

RT: 5.93 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

Tgt Ion: 45 Resp: 285458

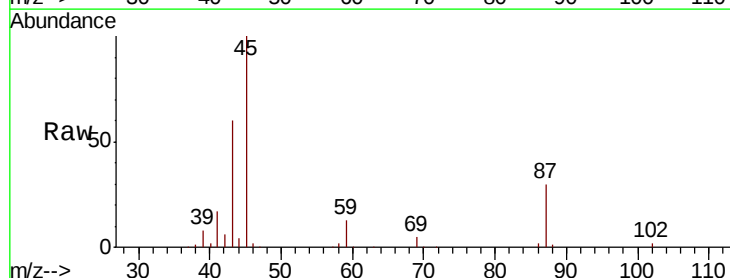
Ion Ratio Lower Upper

45 100

43 58.1 44.7 67.1

87 30.2 23.0 34.6

59 12.2 9.8 14.8



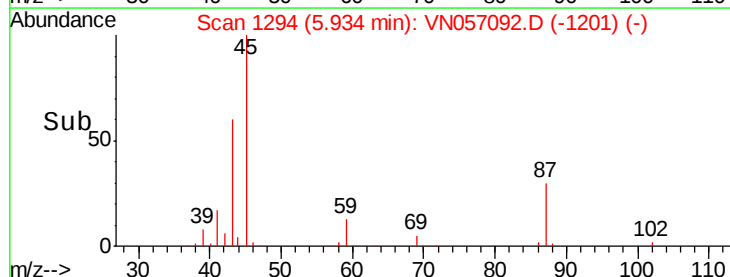
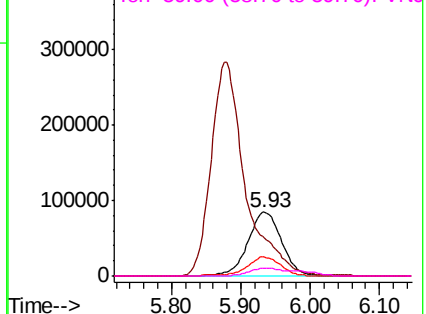
Abundance

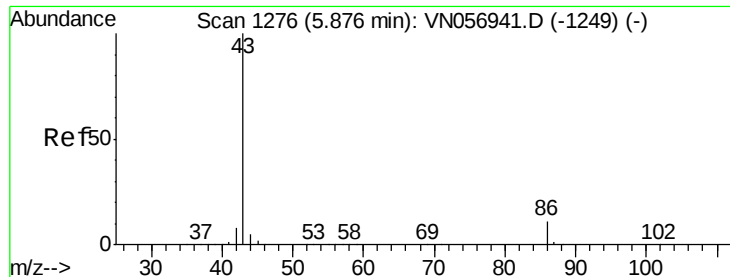
Ion 45.00 (44.70 to 45.70): VN0

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

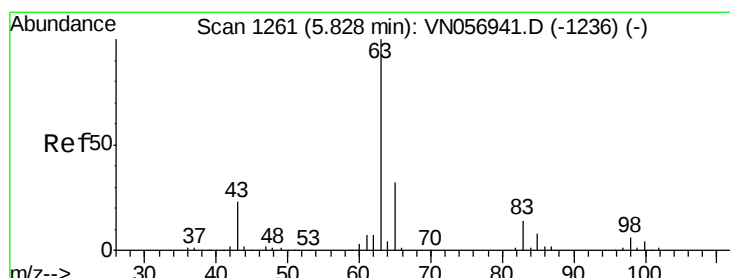
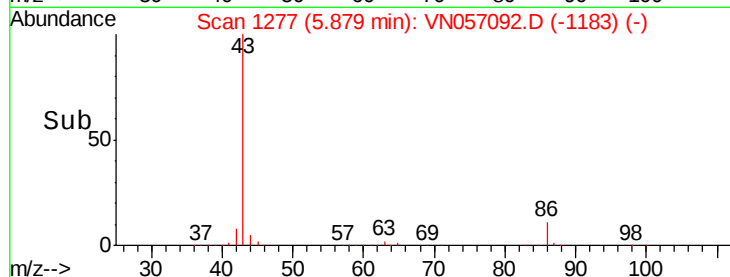
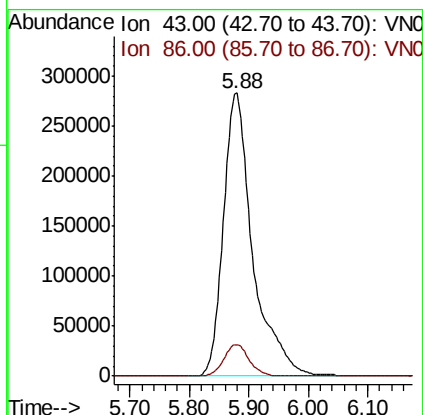
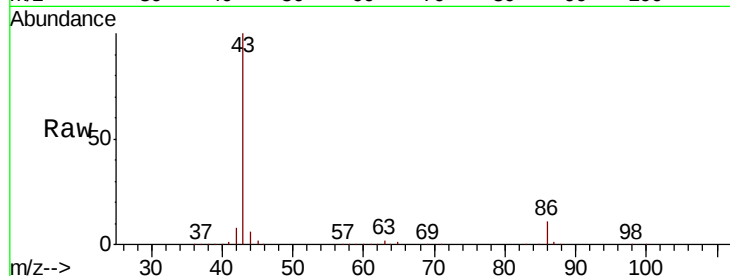




#23
 Vinyl Acetate
 Concen: 97.666 ug/l
 RT: 5.88 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN057092.D
 Acq: 6 Aug 2019 10:51

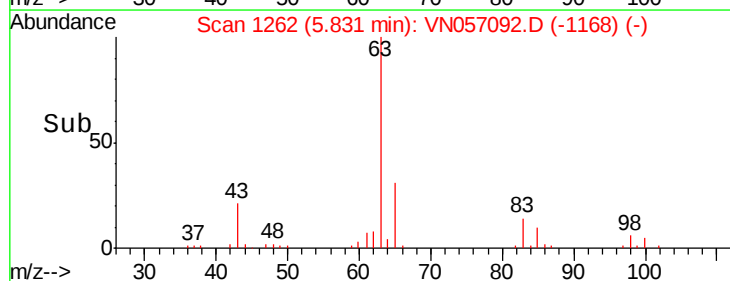
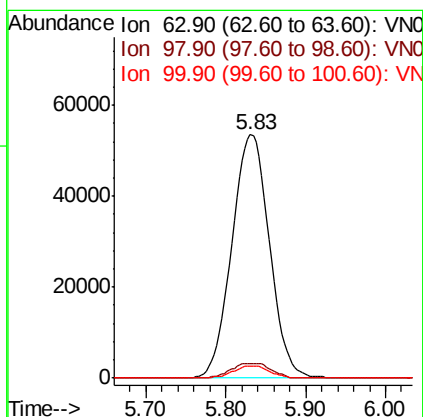
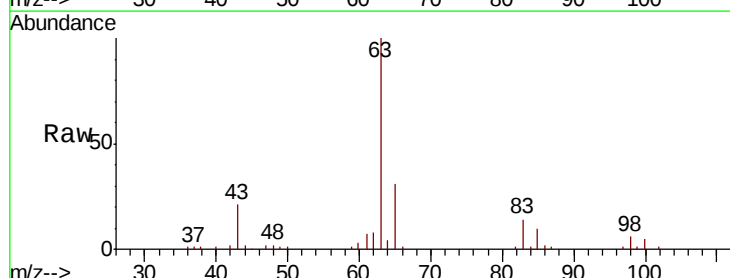
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01

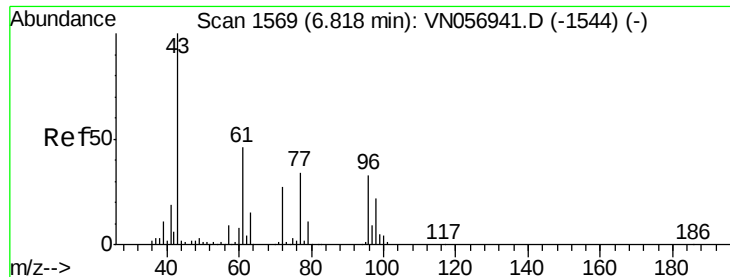
Tgt Ion: 43 Resp: 972432
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 20.098 ug/l
 RT: 5.83 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN057092.D
 Acq: 6 Aug 2019 10:51

Tgt Ion: 63 Resp: 170408
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.2 9.6
 100 4.7 2.1 6.3





#25

2-Butanone

Concen: 98.390 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

Instrument :

MSVOA_N

ClientSampleId :

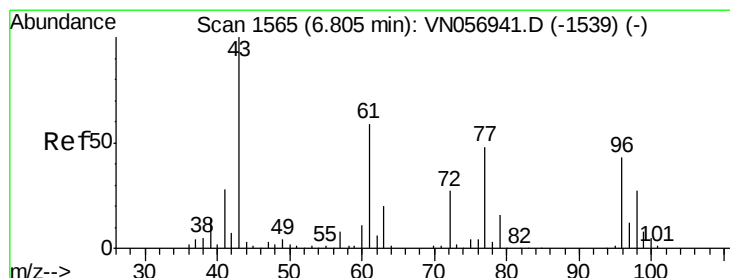
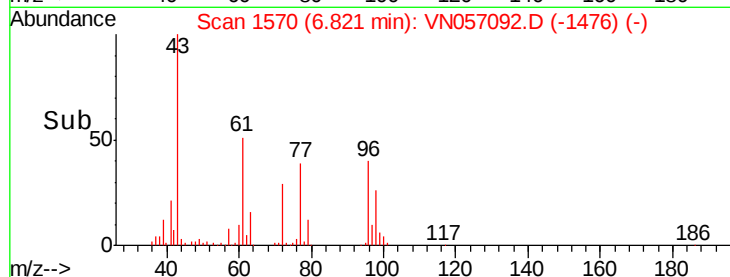
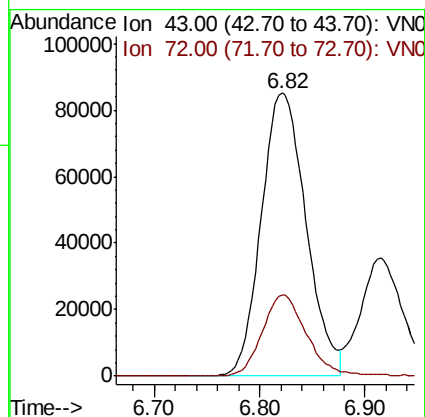
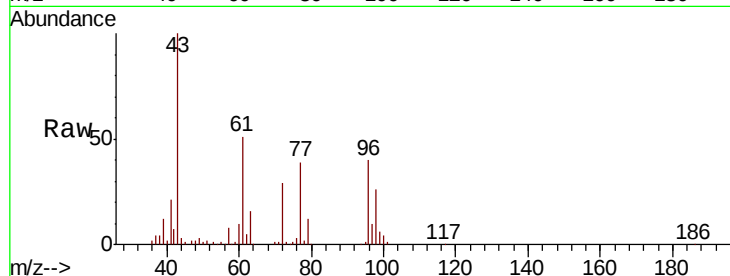
VN0806WBS01

Tgt Ion: 43 Resp: 252382

Ion Ratio Lower Upper

43 100

72 28.7 21.5 32.3



#26

2,2-Dichloropropane

Concen: 20.079 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN057092.D

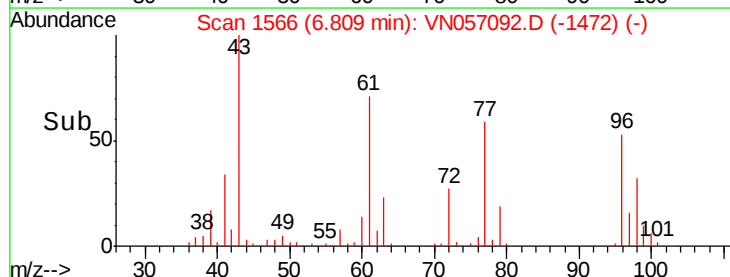
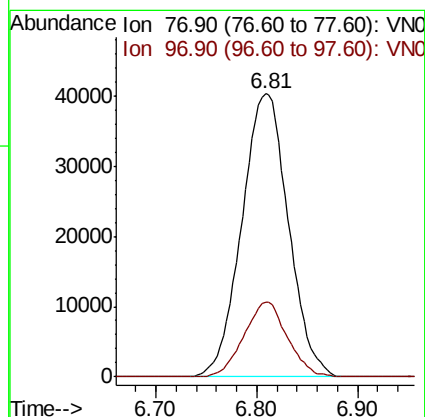
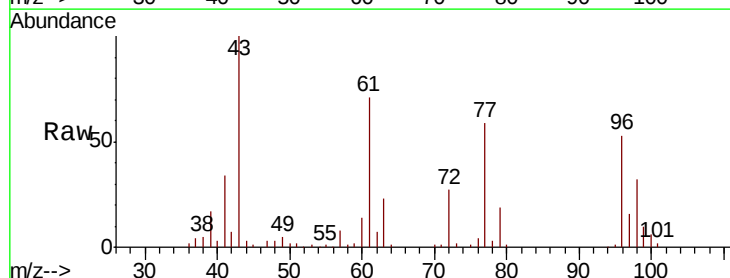
Acq: 6 Aug 2019 10:51

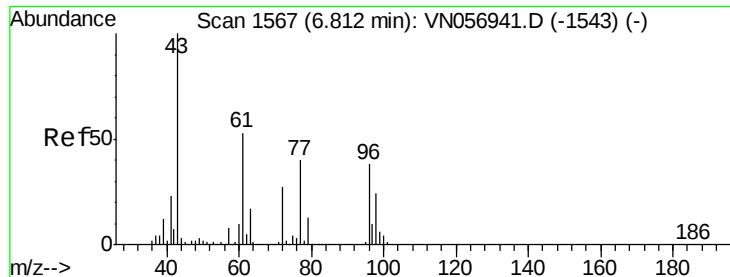
Tgt Ion: 77 Resp: 129448

Ion Ratio Lower Upper

77 100

97 24.6 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 19.832 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS01

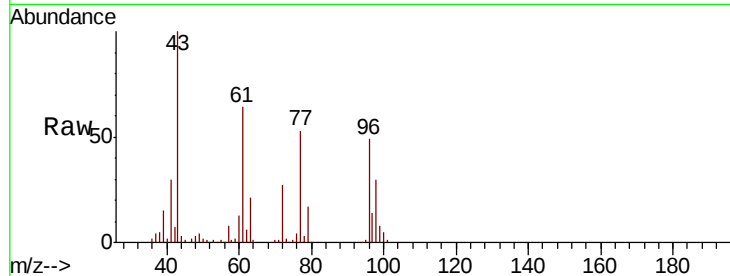
Tgt Ion: 96 Resp: 106816

Ion Ratio Lower Upper

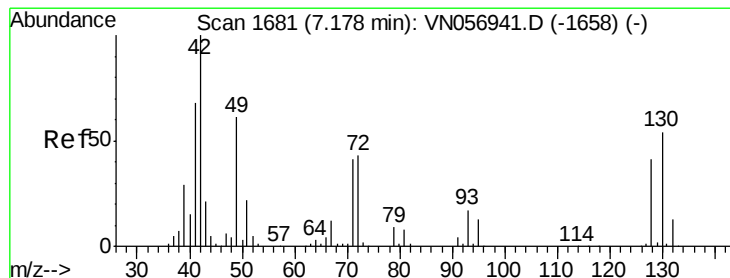
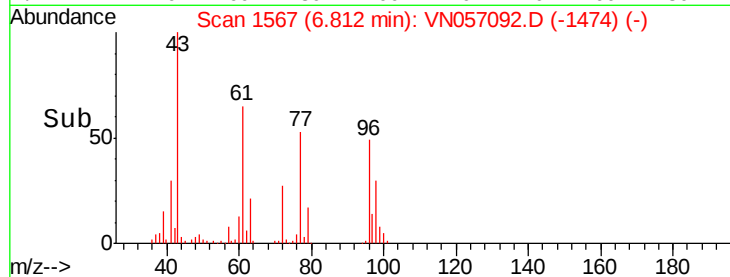
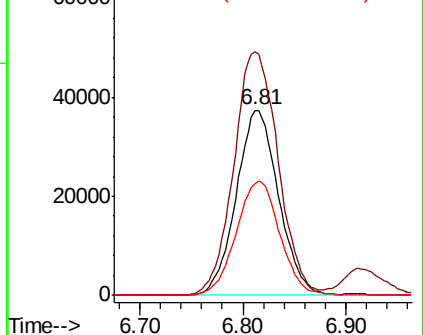
96 100

61 137.6 0.0 277.2

98 63.7 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 18.406 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

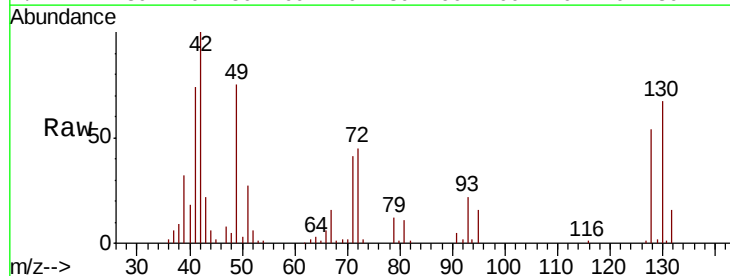
Tgt Ion: 49 Resp: 73353

Ion Ratio Lower Upper

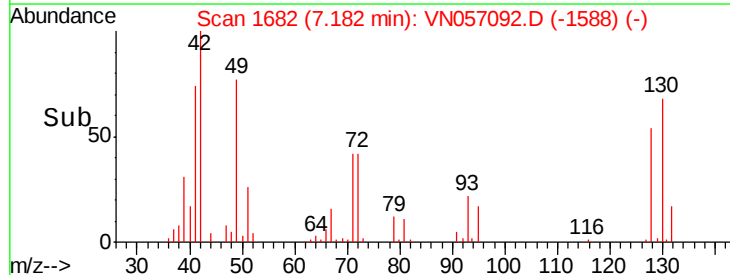
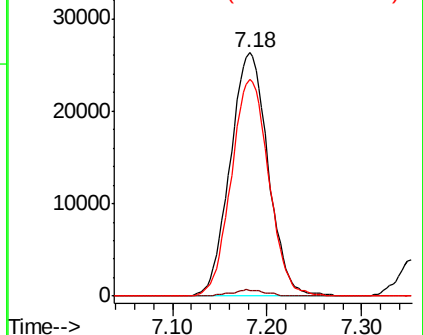
49 100

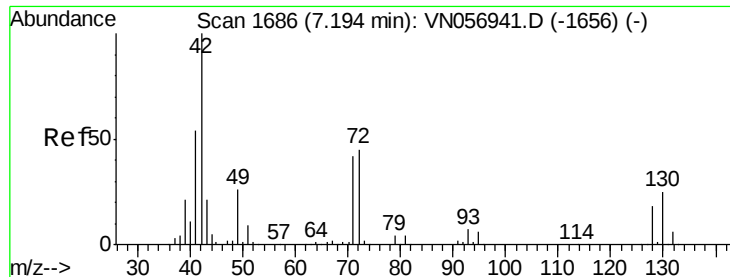
129 2.3 0.0 4.6

130 88.1 69.0 103.4



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

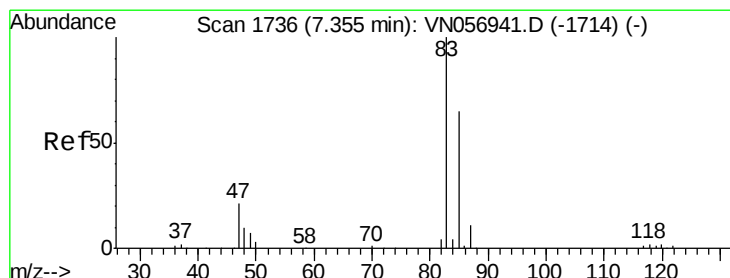
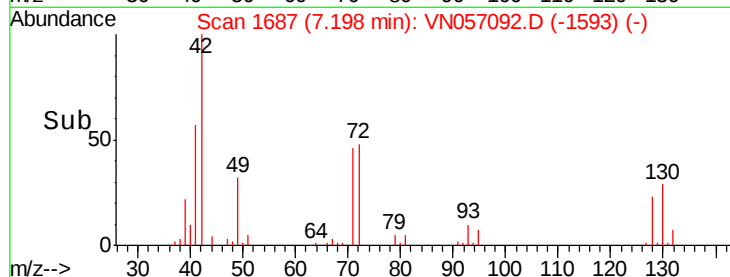
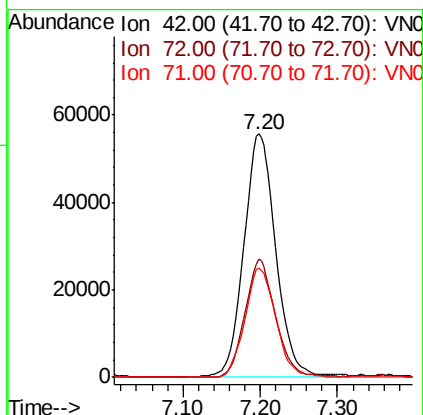
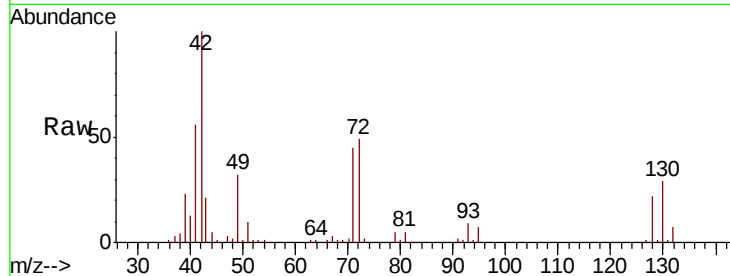




#29
Tetrahydrofuran
Concen: 96.141 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN057092.D
Acq: 6 Aug 2019 10:51

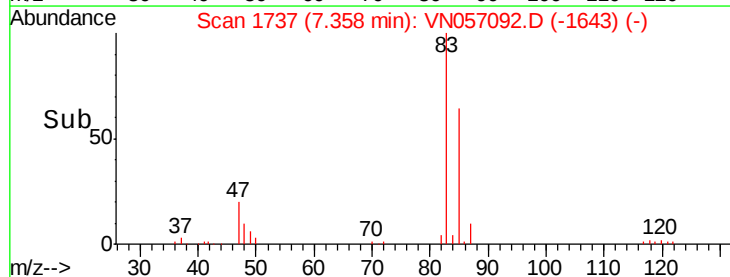
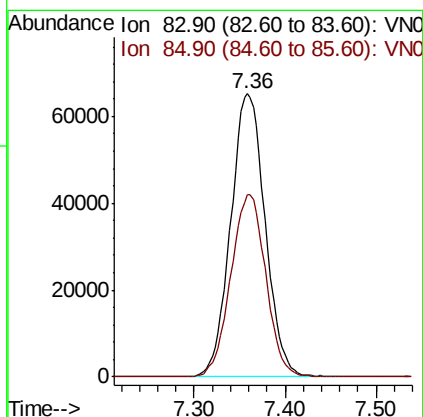
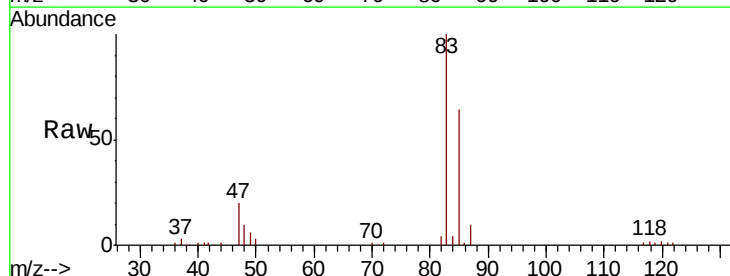
Instrument :
MSVOA_N
ClientSampled :
VN0806WBS01

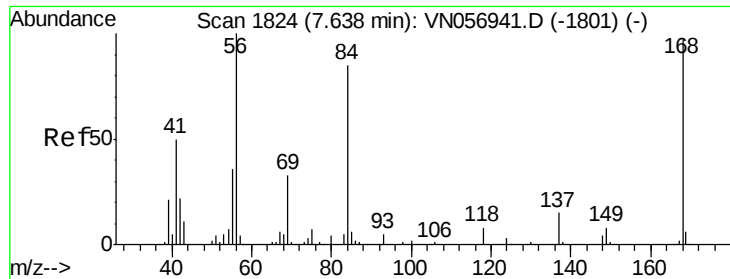
Tgt Ion: 42 Resp: 160901
Ion Ratio Lower Upper
42 100
72 46.3 35.6 53.4
71 43.2 33.5 50.3



#30
Chloroform
Concen: 19.805 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN057092.D
Acq: 6 Aug 2019 10:51

Tgt Ion: 83 Resp: 171686
Ion Ratio Lower Upper
83 100
85 64.3 52.2 78.2

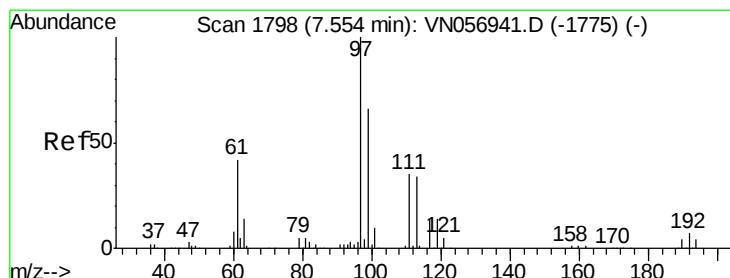
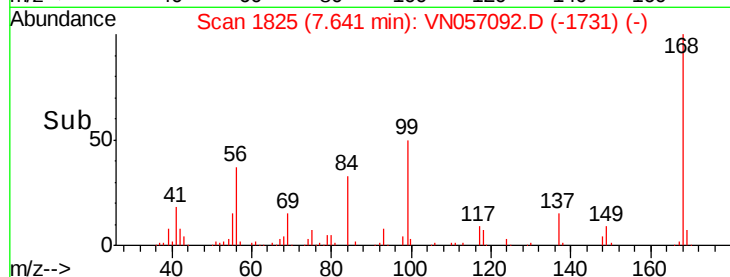
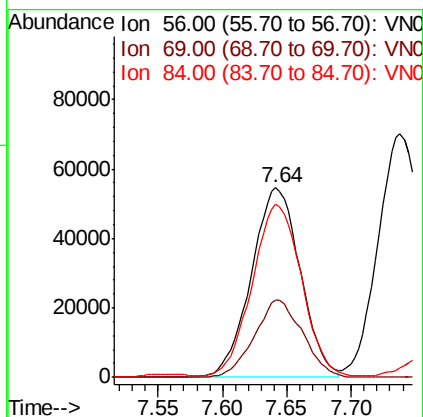
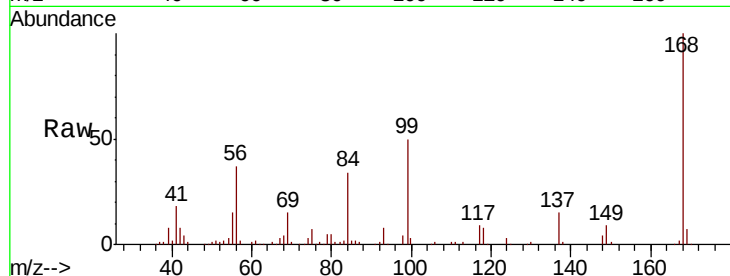




#31
Cyclohexane
Concen: 17.620 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN057092.D
Acq: 6 Aug 2019 10:51

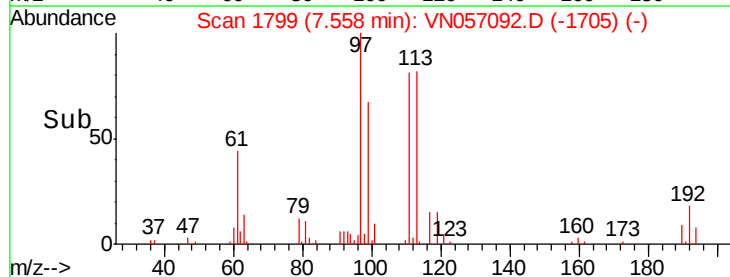
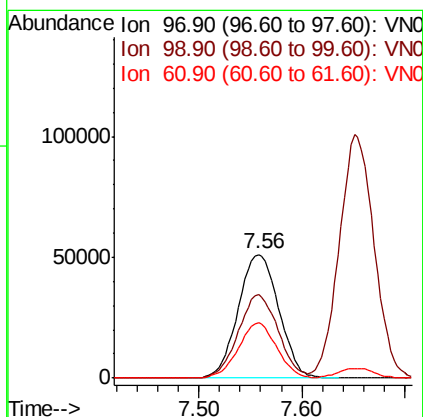
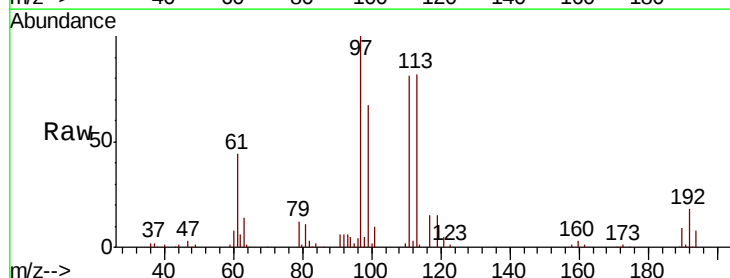
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01

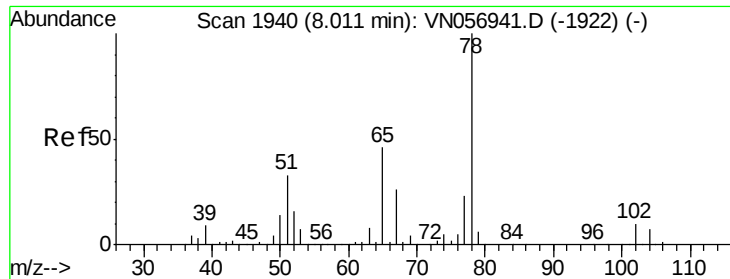
Tgt Ion: 56 Resp: 144571
Ion Ratio Lower Upper
56 100
69 40.7 26.2 39.2#
84 90.4 68.2 102.2



#32
1,1,1-Trichloroethane
Concen: 20.229 ug/l
RT: 7.56 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN057092.D
Acq: 6 Aug 2019 10:51

Tgt Ion: 97 Resp: 139919
Ion Ratio Lower Upper
97 100
99 66.5 52.3 78.5
61 42.3 33.9 50.9





#33

1,2-Dichloroethane-d4

Concen: 47.835 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

Instrument :

MSVOA_N

ClientSampleId :

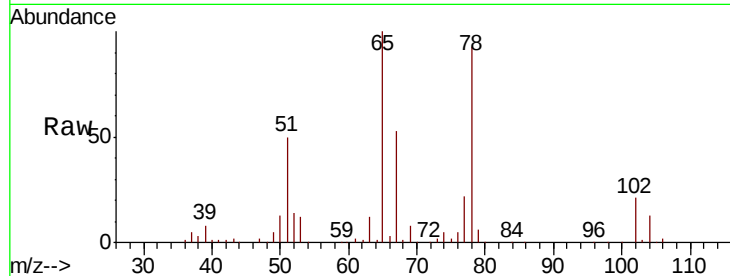
VN0806WBS01

Tgt Ion: 65 Resp: 238856

Ion Ratio Lower Upper

65 100

67 54.6 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.01

100000

80000

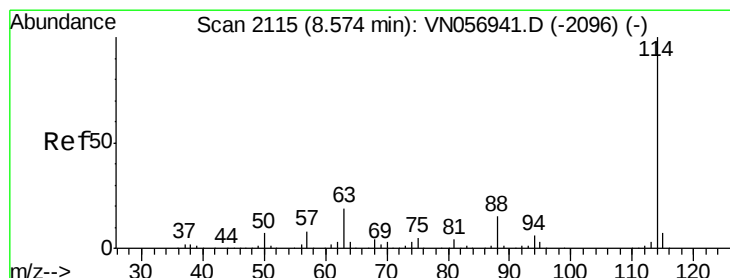
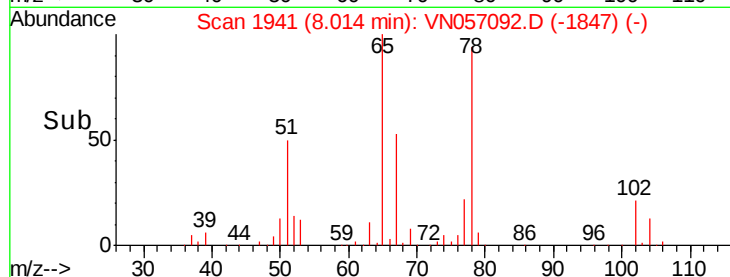
60000

40000

20000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

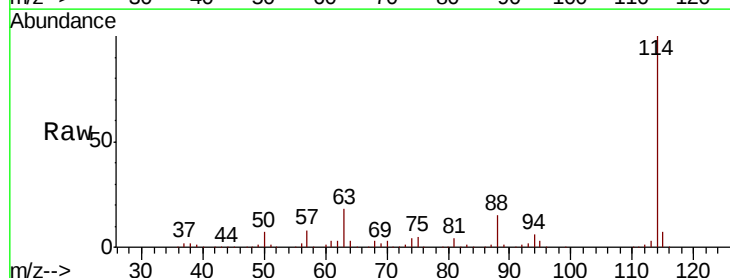
Tgt Ion: 114 Resp: 700078

Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.0

88 15.4 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.57

400000

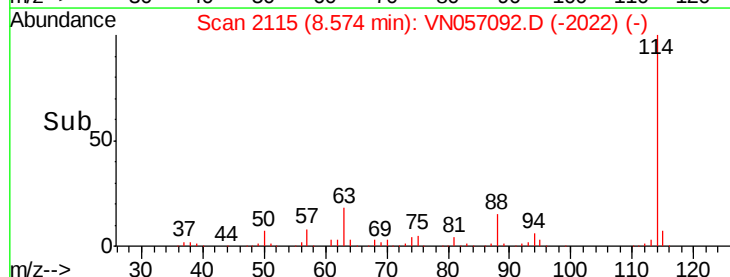
300000

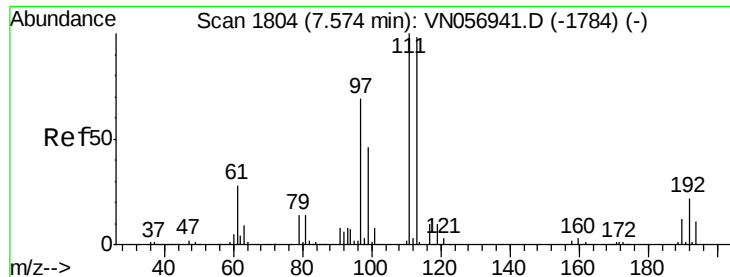
200000

100000

0

Time--> 8.50 8.60 8.70

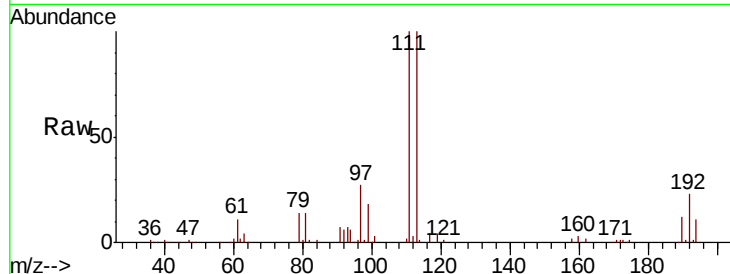




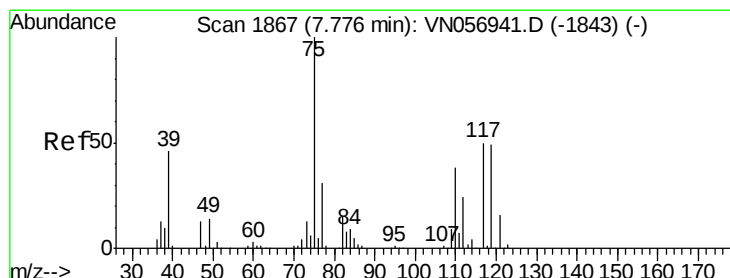
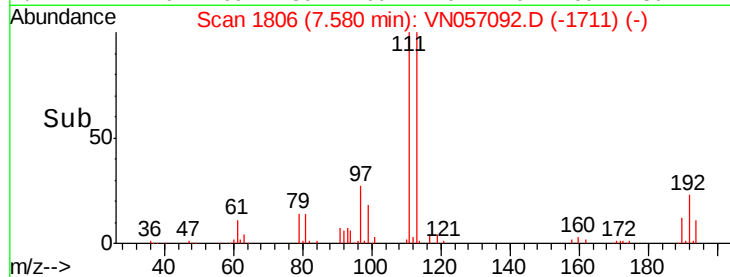
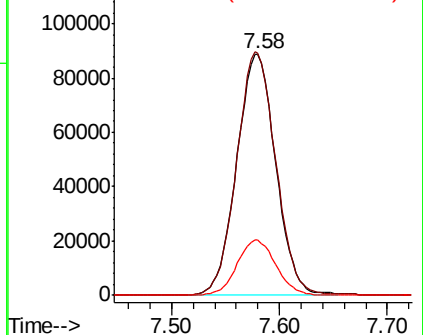
#35
 Dibromofluoromethane
 Concen: 49.987 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057092.D
 Acq: 6 Aug 2019 10:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01

Tgt Ion: 113 Resp: 224026
 Ion Ratio Lower Upper
 113 100
 111 100.5 82.0 123.0
 192 22.7 18.4 27.6

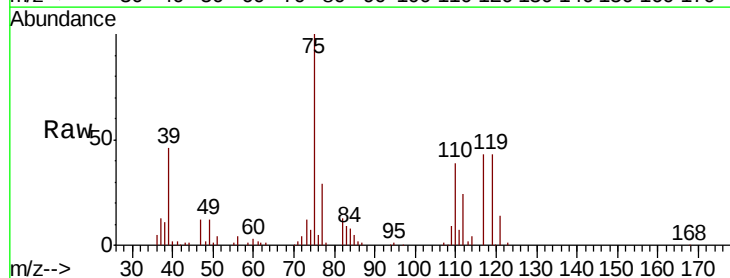


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

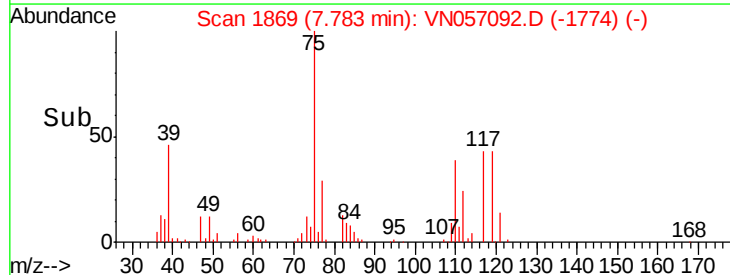
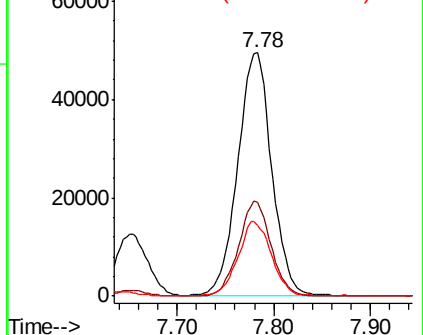


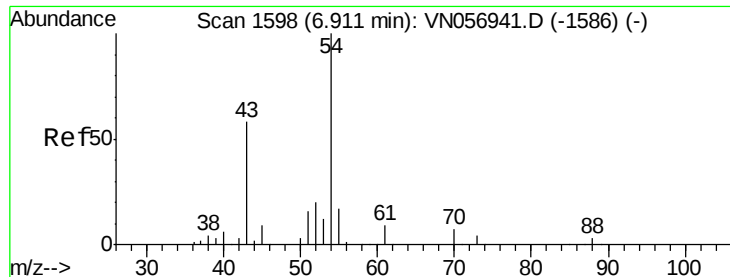
#36
 1,1-Dichloropropene
 Concen: 19.696 ug/l
 RT: 7.78 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VN057092.D
 Acq: 6 Aug 2019 10:51

Tgt Ion: 75 Resp: 121332
 Ion Ratio Lower Upper
 75 100
 110 37.0 18.6 55.8
 77 30.1 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

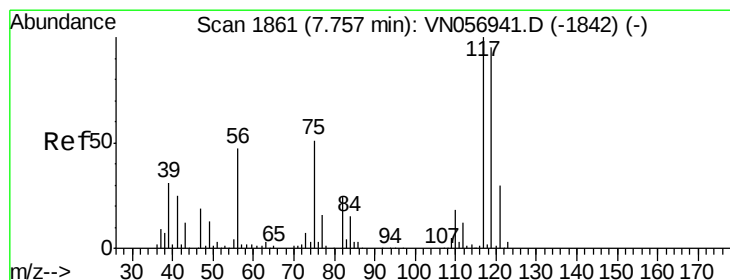
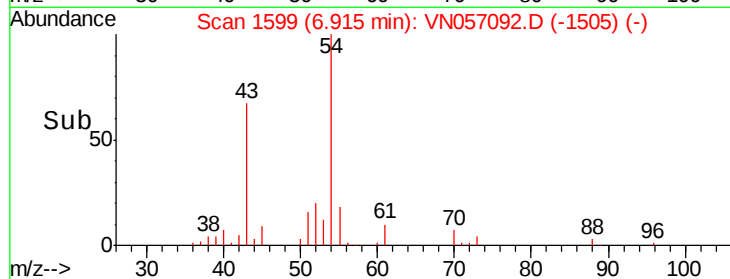
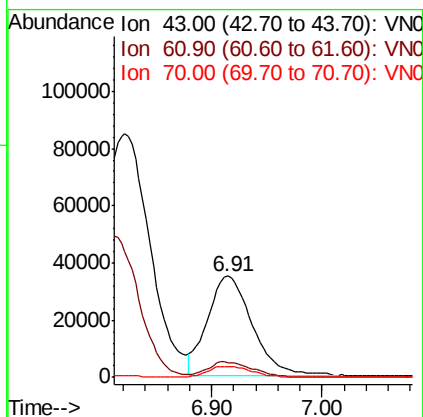
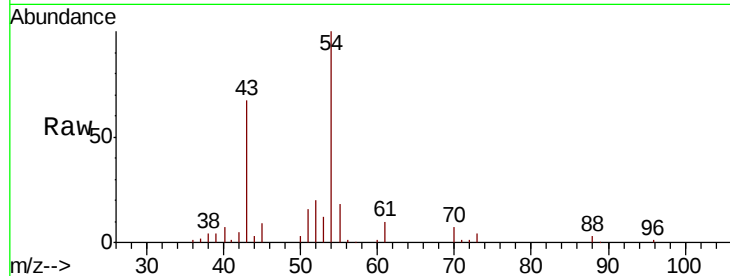




#37
Ethyl Acetate
Concen: 20.005 ug/l
RT: 6.91 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN057092.D
Acq: 6 Aug 2019 10:51

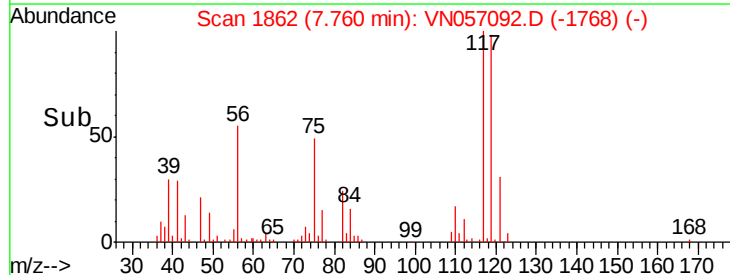
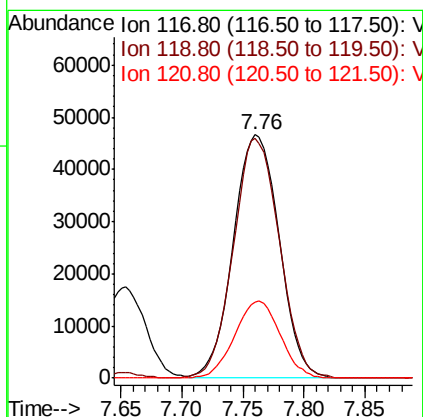
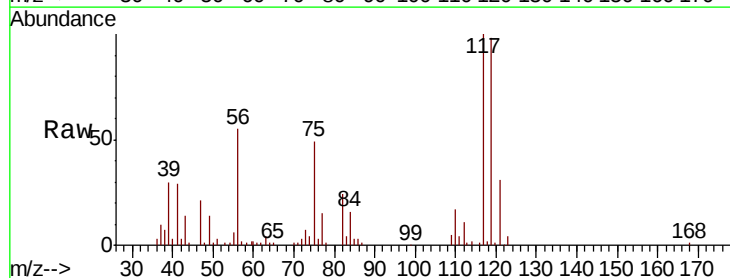
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01

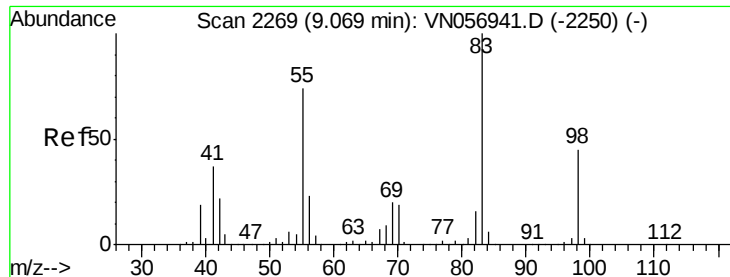
Tgt Ion: 43 Resp: 98701
Ion Ratio Lower Upper
43 100
61 14.3 11.8 17.6
70 11.0 8.5 12.7



#38
Carbon Tetrachloride
Concen: 20.913 ug/l
RT: 7.76 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VN057092.D
Acq: 6 Aug 2019 10:51

Tgt Ion: 117 Resp: 121857
Ion Ratio Lower Upper
117 100
119 98.3 75.3 112.9
121 31.1 24.2 36.4

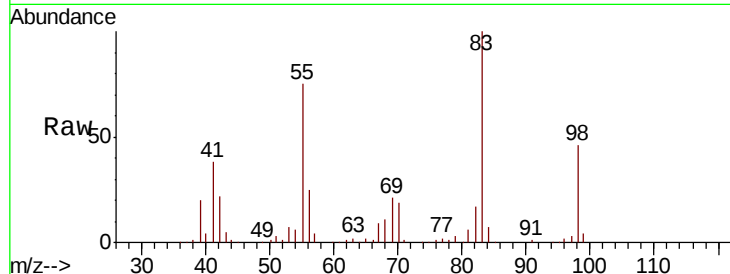




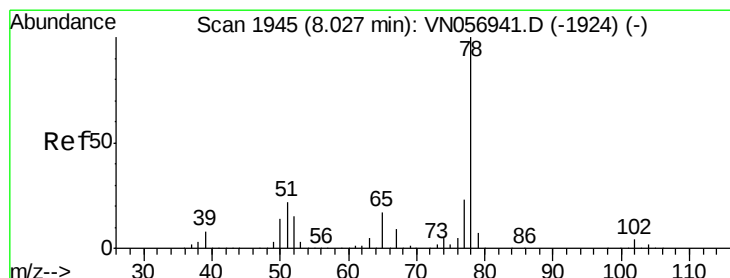
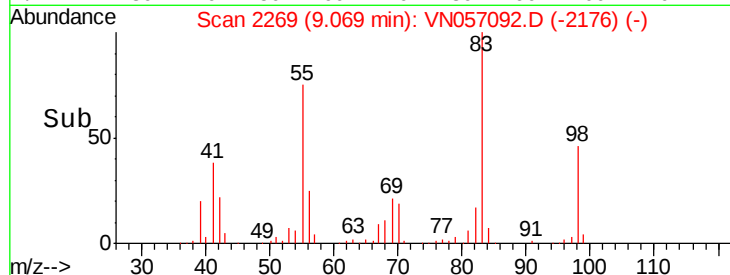
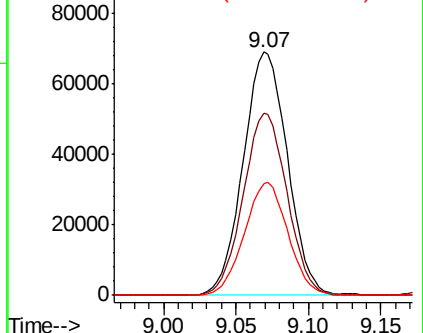
#39
Methylcyclohexane
Concen: 18.612 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN057092.D
Acq: 6 Aug 2019 10:51

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01

Tgt Ion: 83 Resp: 146534
Ion Ratio Lower Upper
83 100
55 75.0 59.0 88.6
98 46.0 36.2 54.4

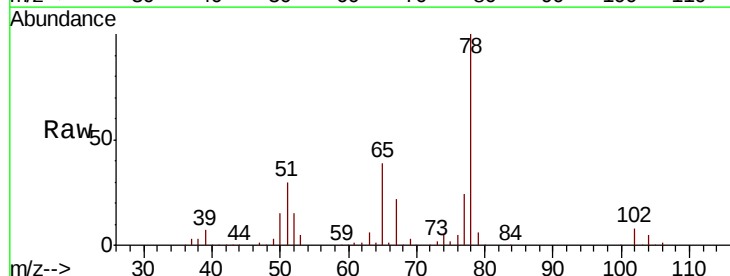


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

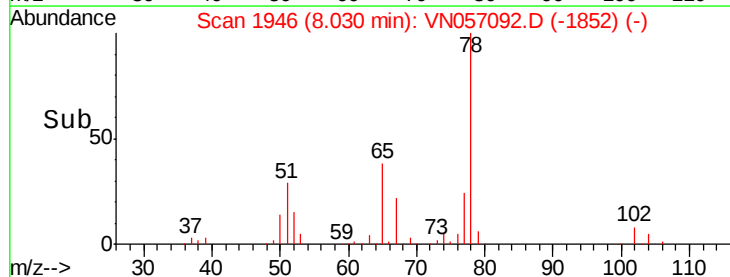
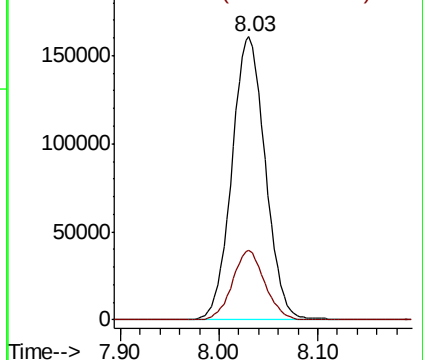


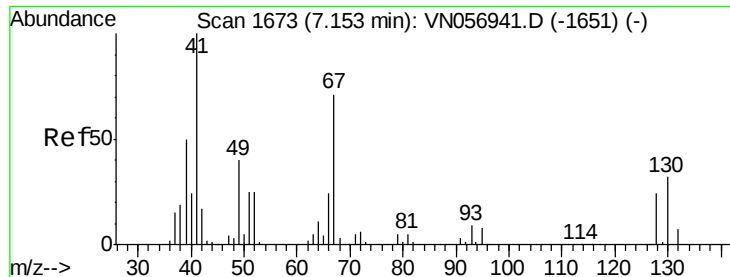
#40
Benzene
Concen: 19.982 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN057092.D
Acq: 6 Aug 2019 10:51

Tgt Ion: 78 Resp: 379137
Ion Ratio Lower Upper
78 100
77 24.5 18.3 27.5



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

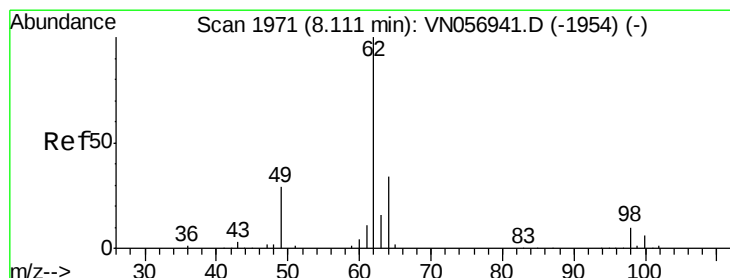
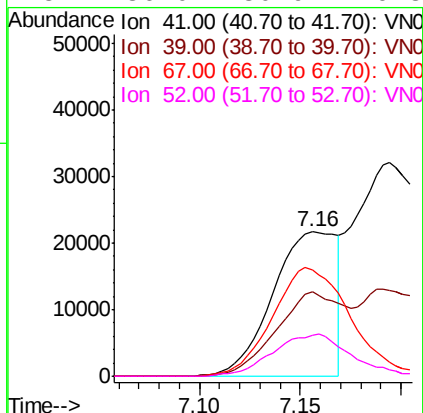
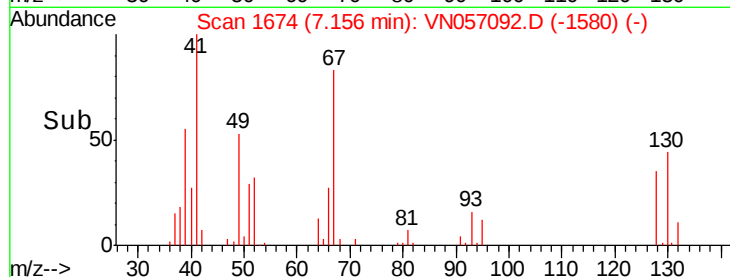
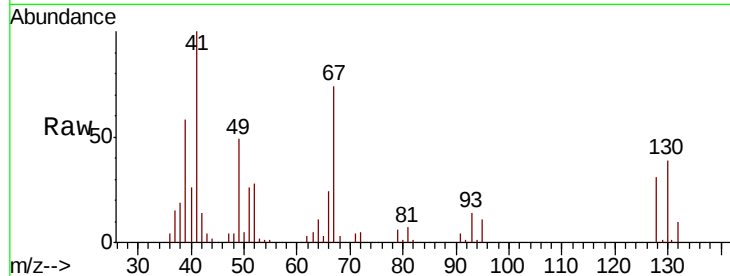




#41
Methacrylonitrile
Concen: 20.949 ug/l
RT: 7.16 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN057092.D
Acq: 6 Aug 2019 10:51

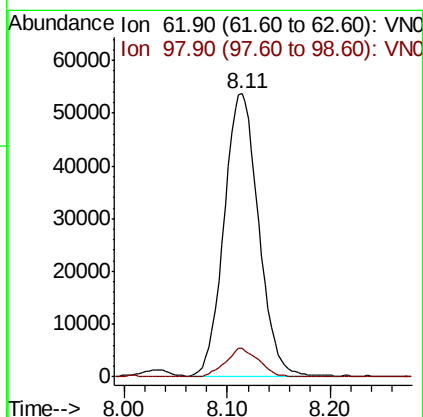
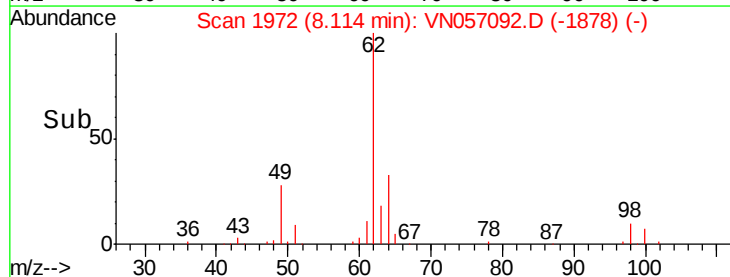
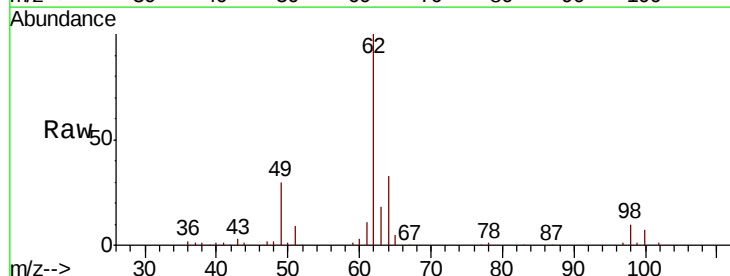
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01

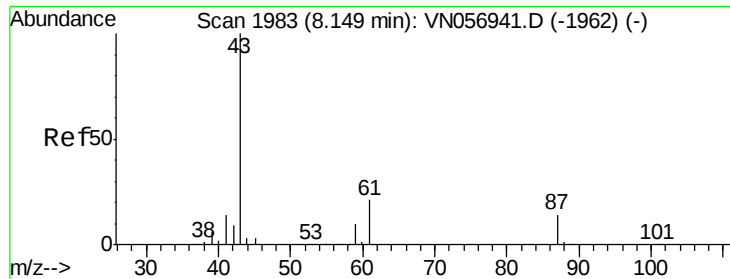
Tgt Ion: 41 Resp: 47781
Ion Ratio Lower Upper
41 100
39 62.2 48.9 73.3
67 93.4 83.4 125.0
52 36.0 30.9 46.3



#42
1,2-Dichloroethane
Concen: 20.956 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VN057092.D
Acq: 6 Aug 2019 10:51

Tgt Ion: 62 Resp: 124617
Ion Ratio Lower Upper
62 100
98 9.7 0.0 20.6





#43

Isopropyl Acetate

Concen: 19.922 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS01

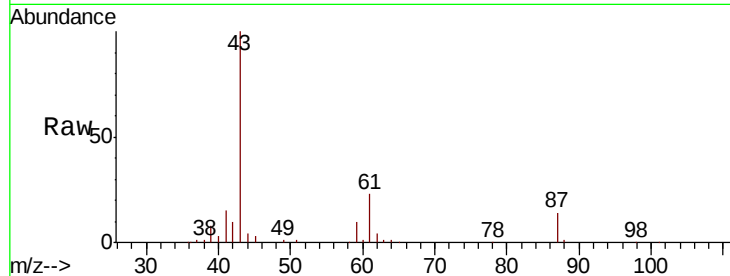
Tgt Ion: 43 Resp: 162457

Ion Ratio Lower Upper

43 100

61 30.4 23.0 34.6

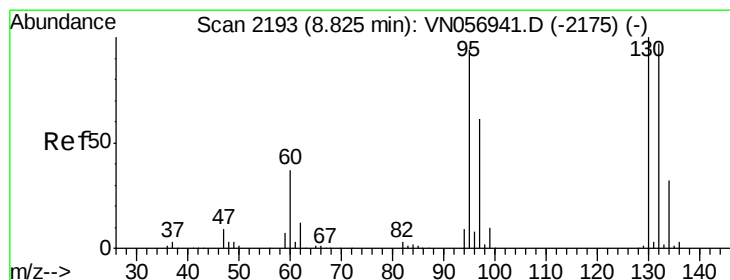
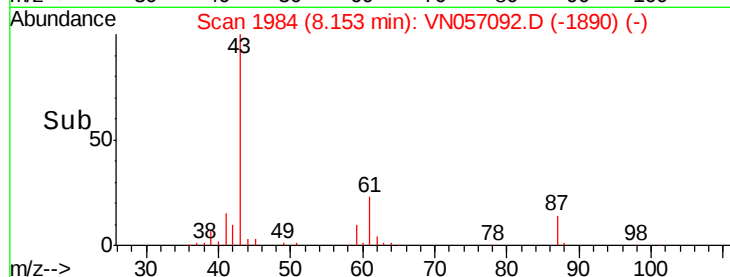
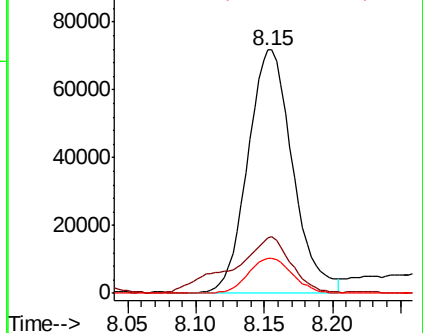
87 14.3 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN056941.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN056941.D (-1962) (-)



#44

Trichloroethene

Concen: 20.270 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VN057092.D

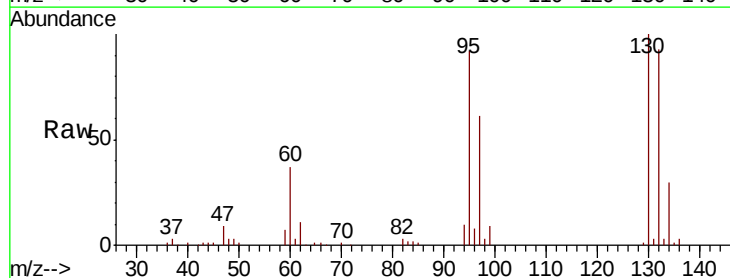
Acq: 6 Aug 2019 10:51

Tgt Ion: 130 Resp: 105955

Ion Ratio Lower Upper

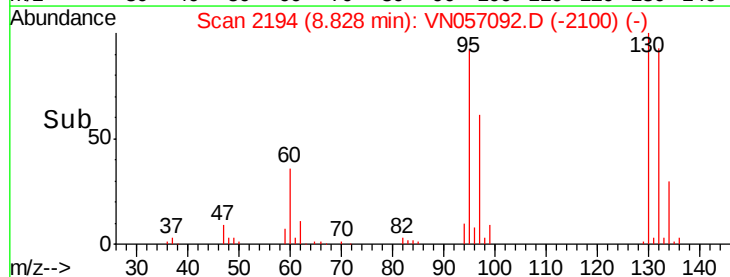
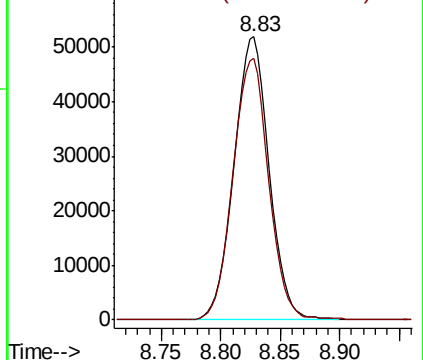
130 100

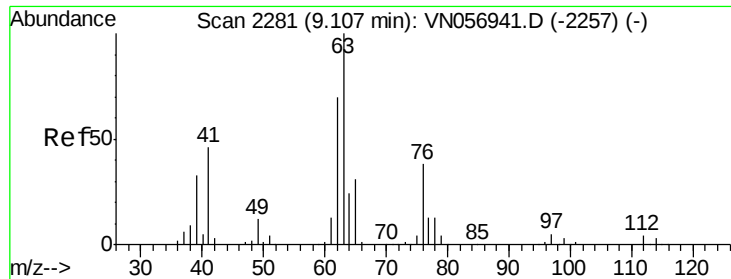
95 92.4 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): VN056941.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN056941.D (-2175) (-)





#45

1,2-Dichloropropane

Concen: 19.687 ug/l

RT: 9.11 min Scan# 2281

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

Instrument :

MSVOA_N

ClientSampled :

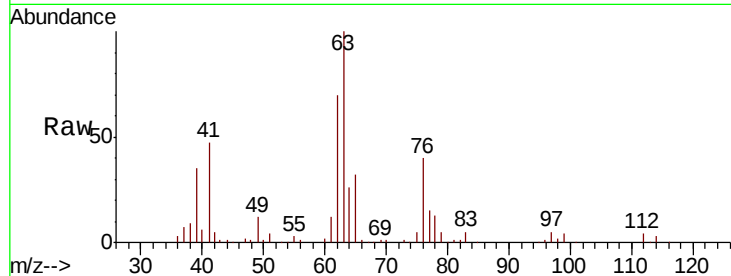
VN0806WBS01

Tgt Ion: 63 Resp: 99913

Ion Ratio Lower Upper

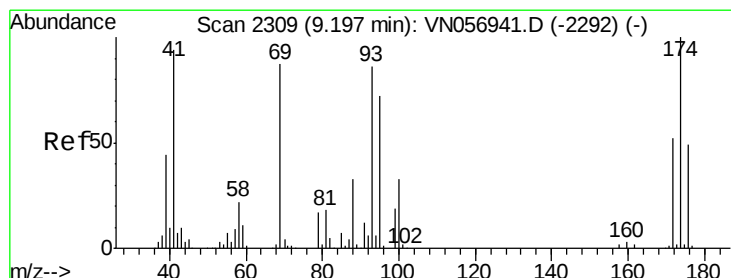
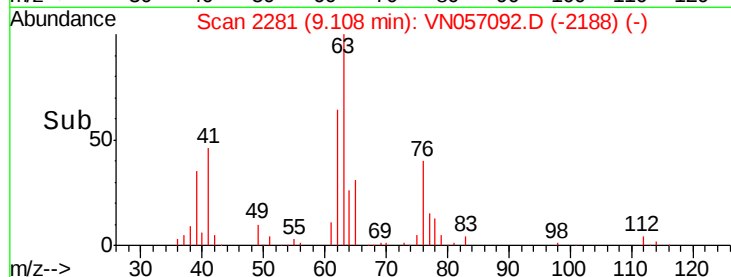
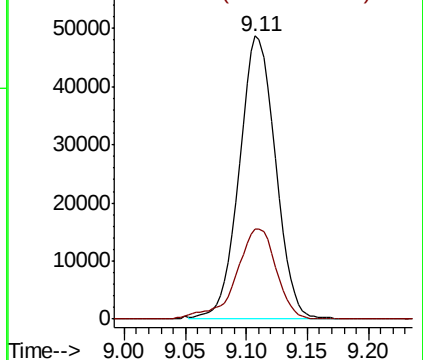
63 100

65 31.8 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 21.230 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

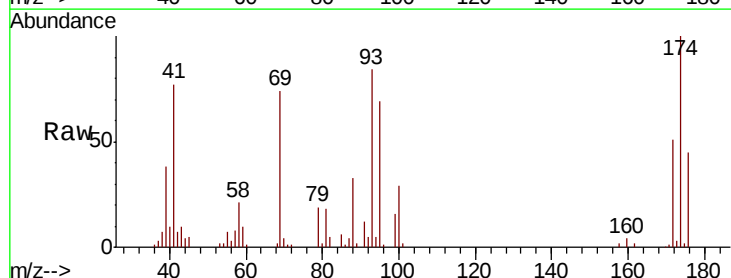
Tgt Ion: 93 Resp: 64975

Ion Ratio Lower Upper

93 100

95 82.6 67.0 100.6

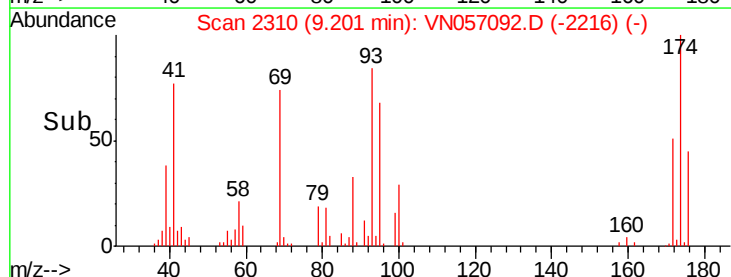
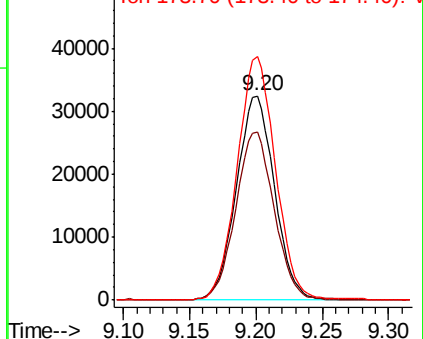
174 120.0 92.7 139.1

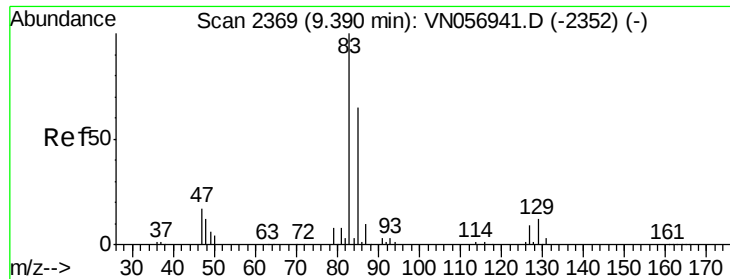


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.322 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS01

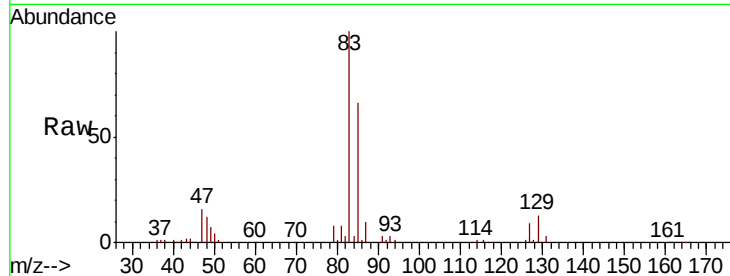
Tgt Ion: 83 Resp: 128306

Ion Ratio Lower Upper

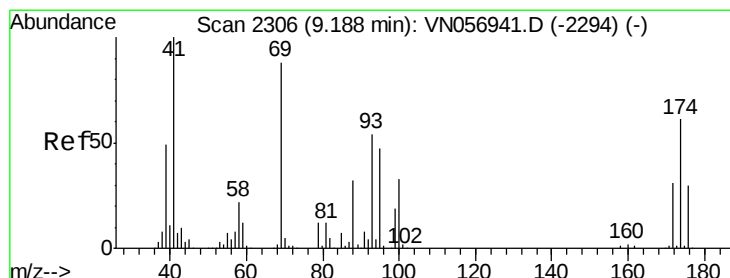
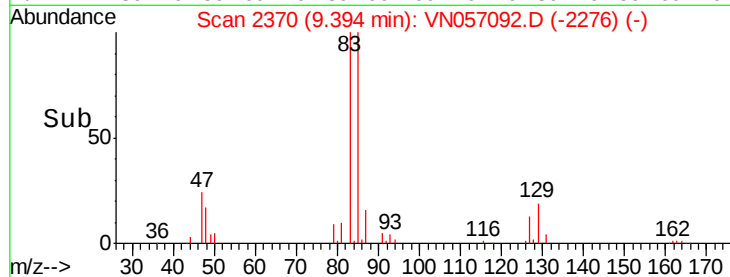
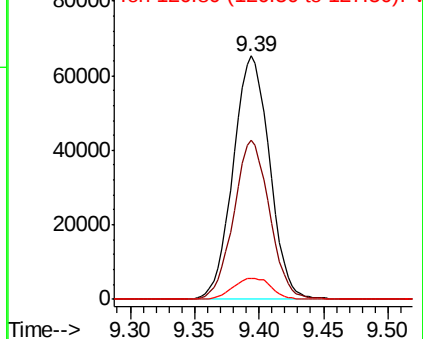
83 100

85 65.5 51.6 77.4

127 8.7 7.3 10.9



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: 20.223 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

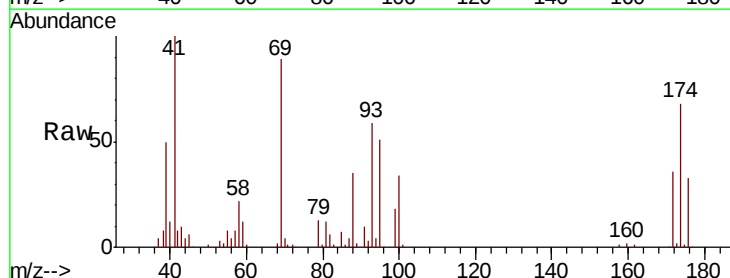
Tgt Ion: 41 Resp: 79619

Ion Ratio Lower Upper

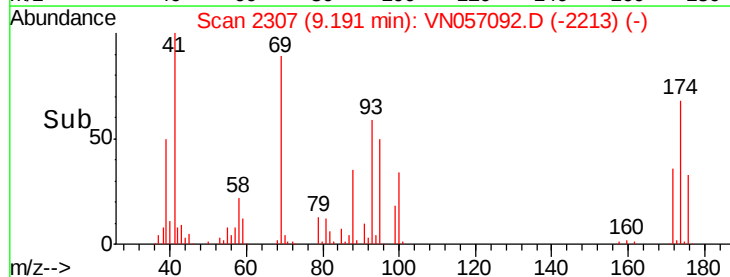
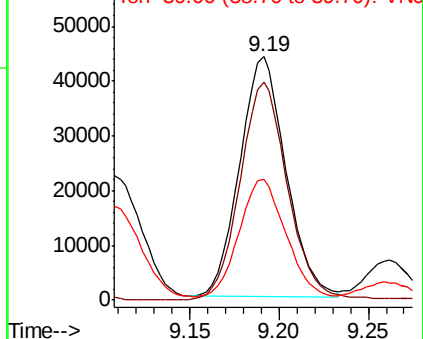
41 100

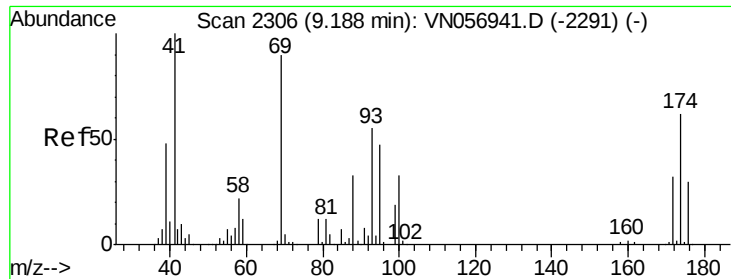
69 93.8 73.4 110.0

39 51.6 39.9 59.9



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

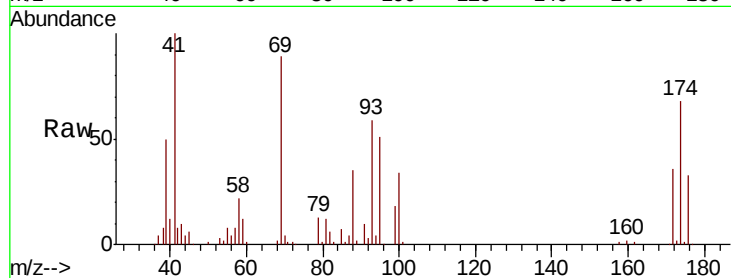




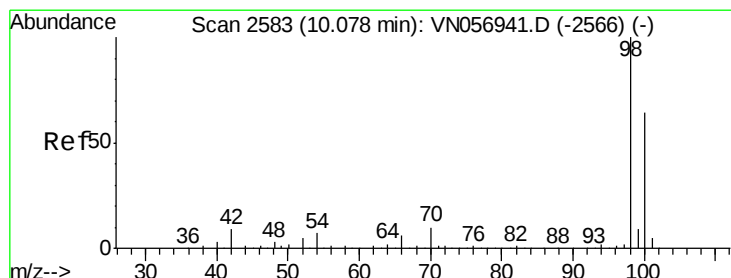
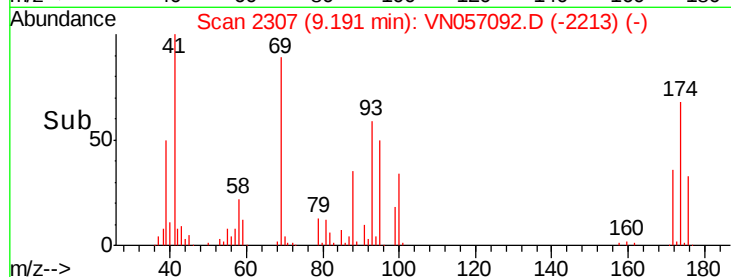
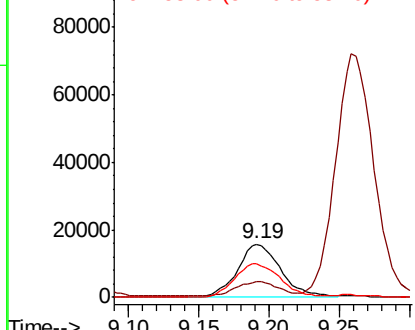
#49
1,4-Dioxane
Concen: 418.700 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN057092.D
Acq: 6 Aug 2019 10:51

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01

Tgt Ion: 88 Resp: 33971
Ion Ratio Lower Upper
88 100
43 26.2 22.2 33.2
58 67.5 54.1 81.1

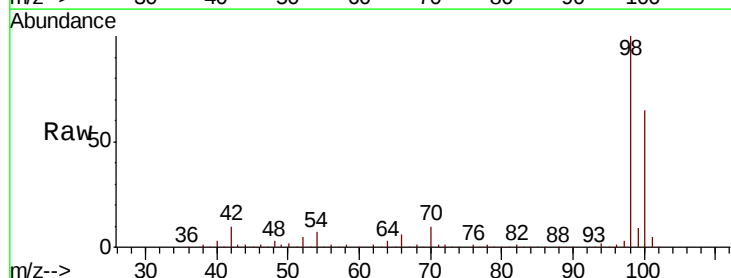


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

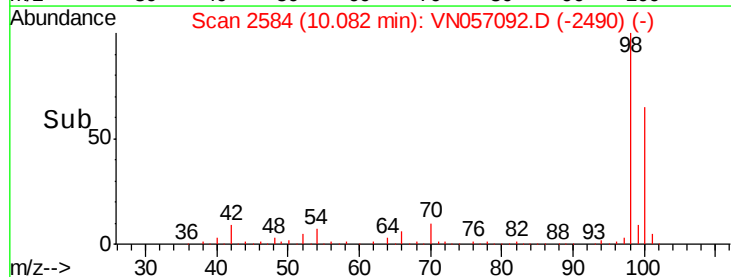
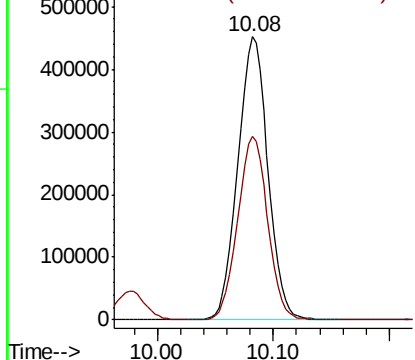


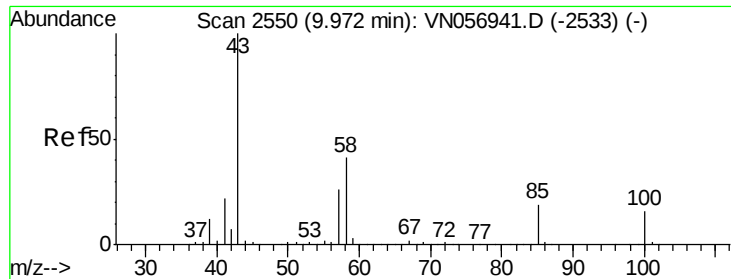
#50
Toluene-d8
Concen: 47.591 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN057092.D
Acq: 6 Aug 2019 10:51

Tgt Ion: 98 Resp: 813369
Ion Ratio Lower Upper
98 100
100 64.5 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 100.813 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

Instrument :

MSVOA_N

ClientSampleId :

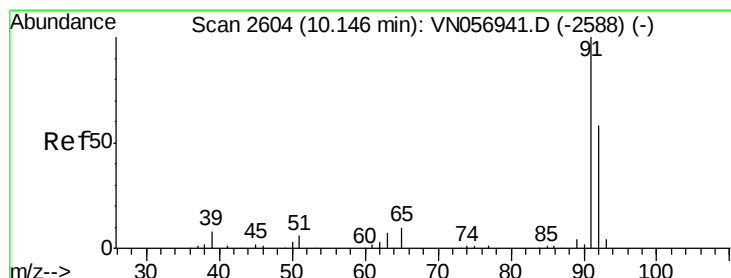
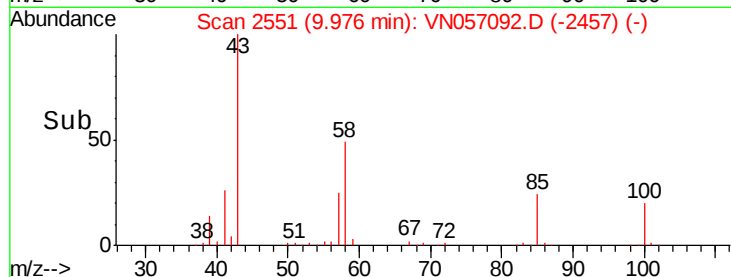
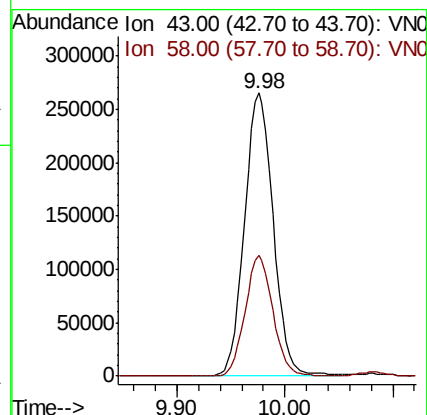
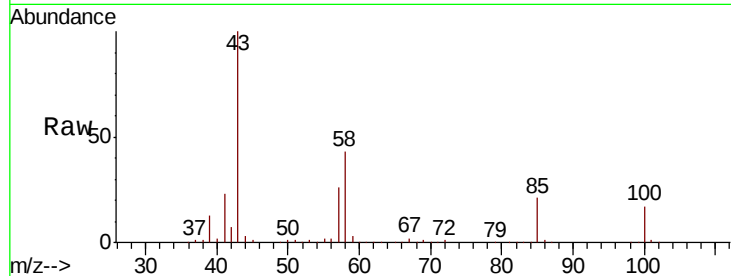
VN0806WBS01

Tgt Ion: 43 Resp: 488461

Ion Ratio Lower Upper

43 100

58 41.3 33.1 49.7



#52

Toluene

Concen: 20.753 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN057092.D

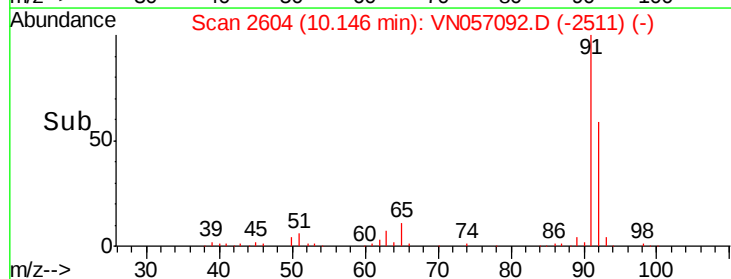
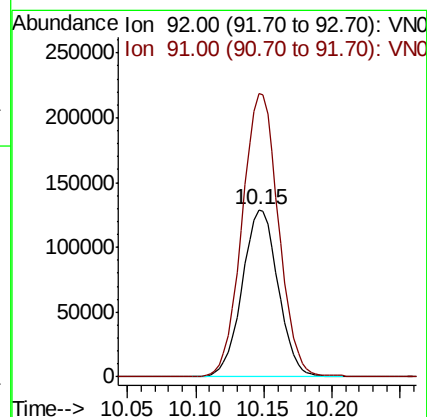
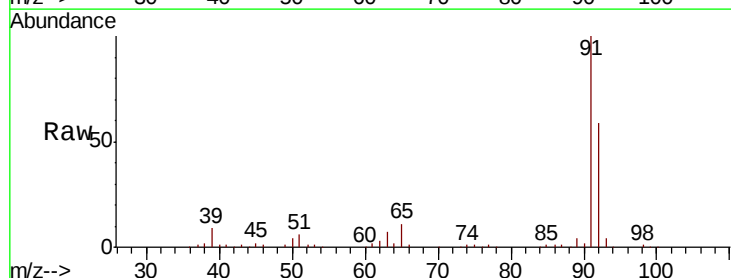
Acq: 6 Aug 2019 10:51

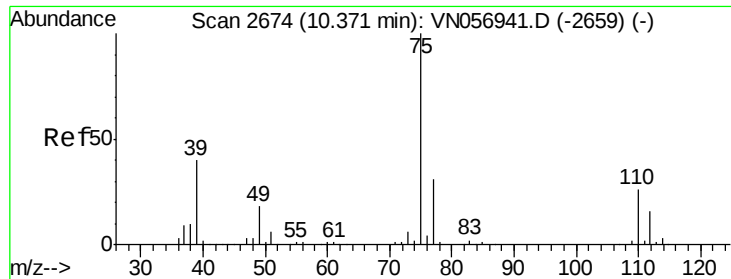
Tgt Ion: 92 Resp: 236578

Ion Ratio Lower Upper

92 100

91 172.1 138.0 207.0

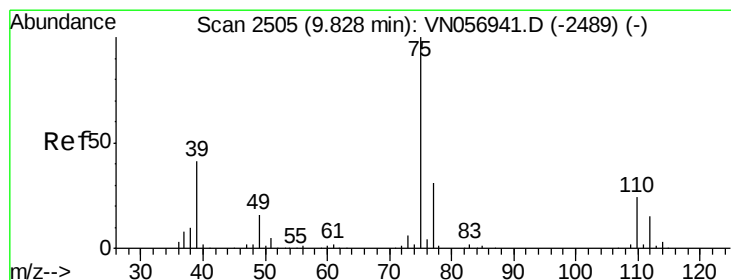
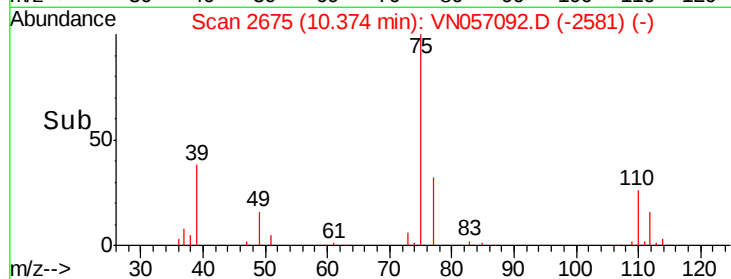
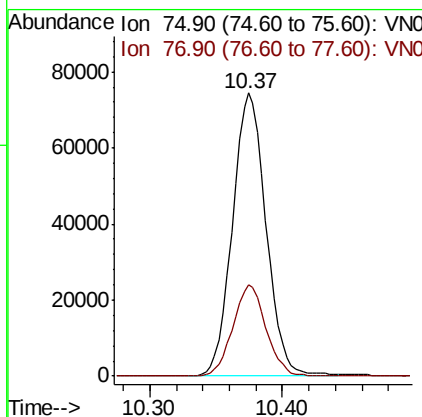
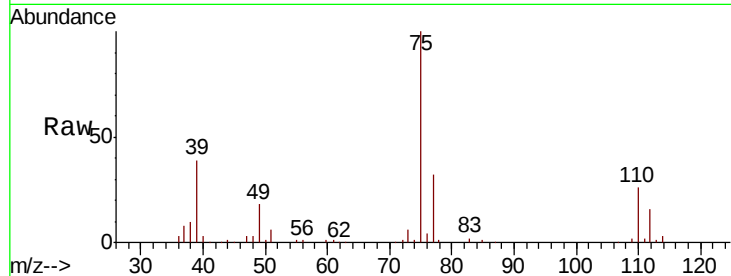




#53
 t-1,3-Dichloropropene
 Concen: 20.929 ug/l
 RT: 10.37 min Scan# 2675
 Delta R.T. 0.00 min
 Lab File: VN057092.D
 Acq: 6 Aug 2019 10:51

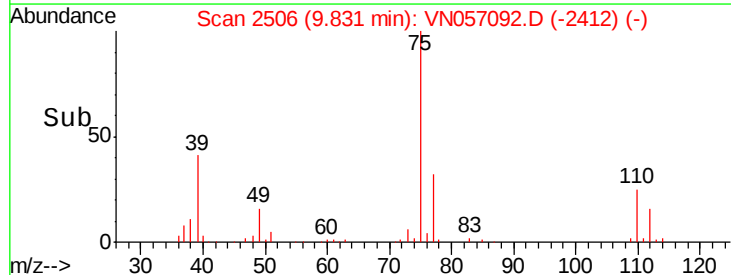
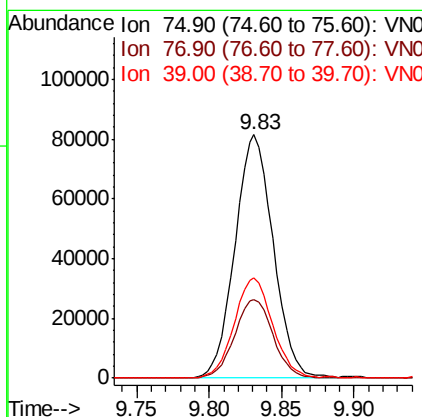
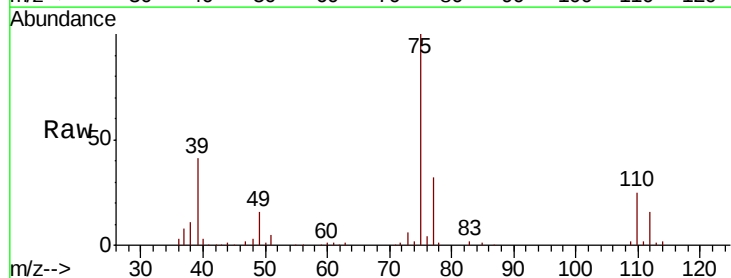
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01

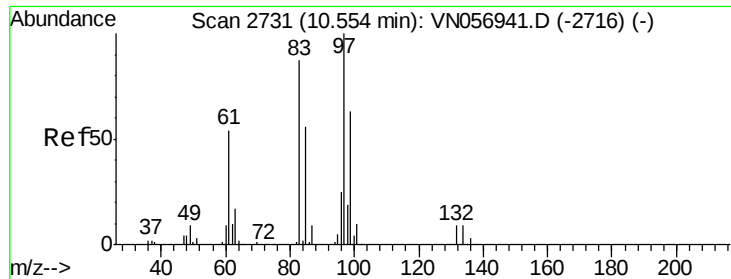
Tgt Ion: 75 Resp: 130689
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.589 ug/l
 RT: 9.83 min Scan# 2506
 Delta R.T. 0.00 min
 Lab File: VN057092.D
 Acq: 6 Aug 2019 10:51

Tgt Ion: 75 Resp: 149484
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.0 37.6
 39 41.2 32.6 49.0





#55

1,1,2-Trichloroethane

Concen: 20.710 ug/l

RT: 10.55 min Scan# 2731

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

Instrument :

MSVOA_N

ClientSampled :

VN0806WBS01

Tgt Ion: 97 Resp: 94677

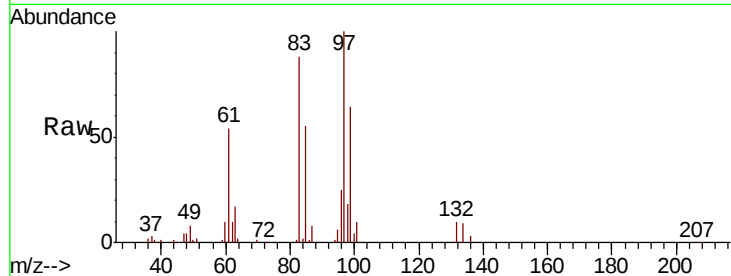
Ion Ratio Lower Upper

97 100

83 88.1 69.4 104.0

85 55.2 44.7 67.1

99 64.4 50.1 75.1

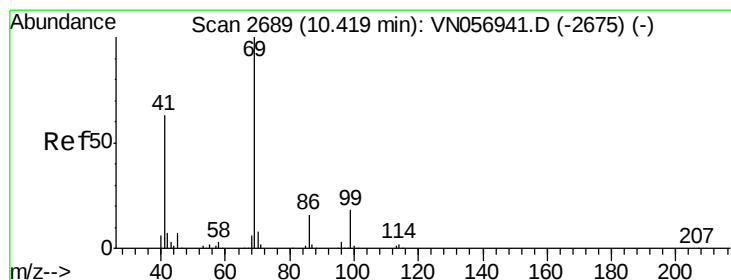
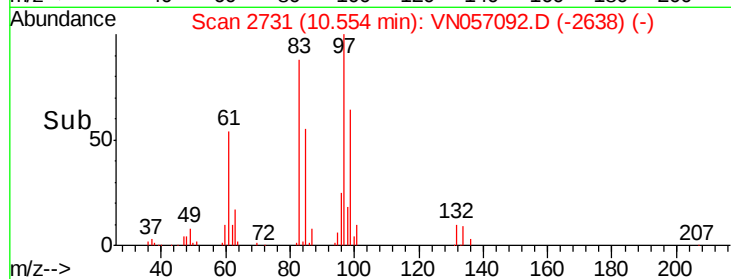
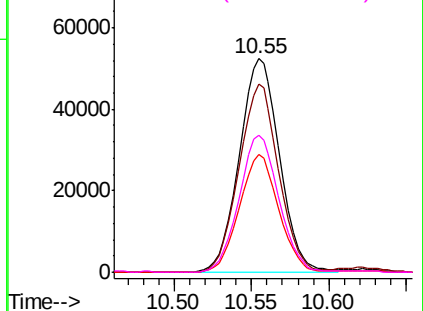


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 19.833 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

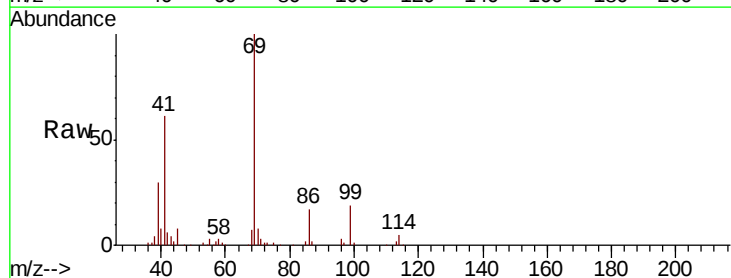
Tgt Ion: 69 Resp: 129322

Ion Ratio Lower Upper

69 100

41 60.3 49.2 73.8

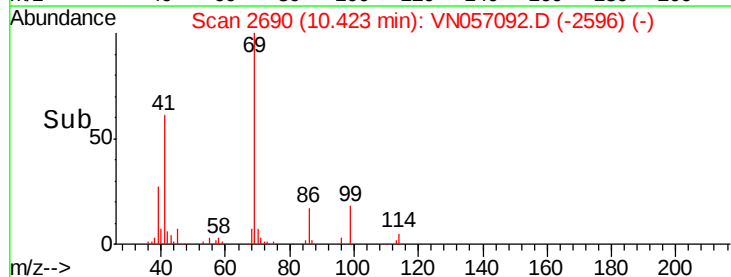
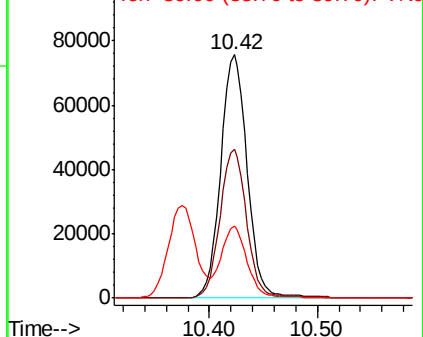
39 28.2 23.1 34.7

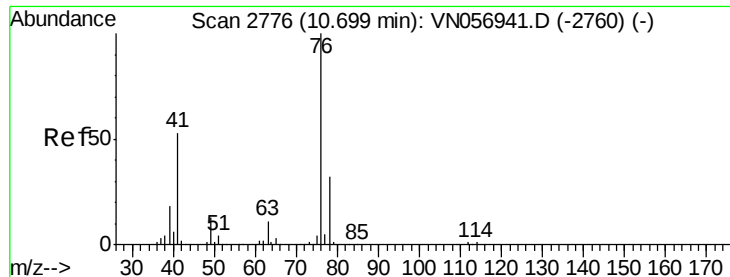


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

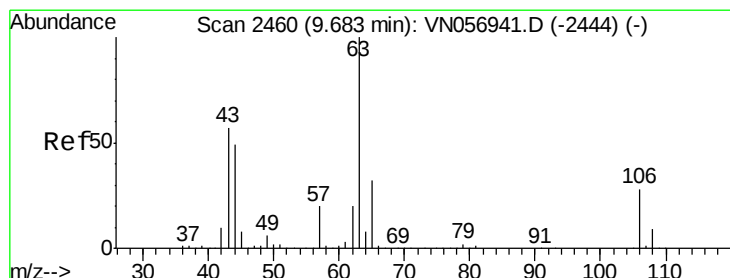
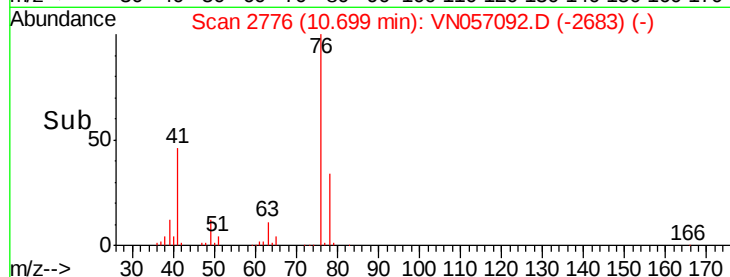
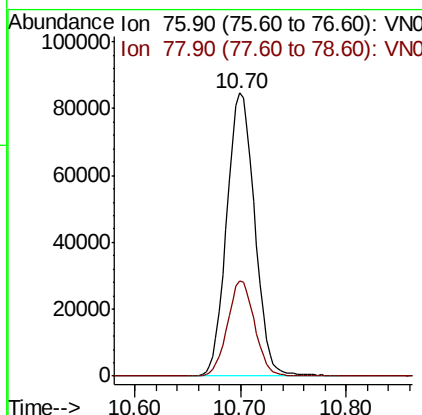
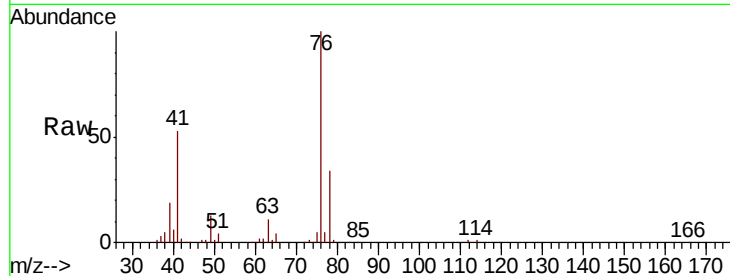




#57
 1,3-Dichloropropane
 Concen: 20.506 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. 0.00 min
 Lab File: VN057092.D
 Acq: 6 Aug 2019 10:51

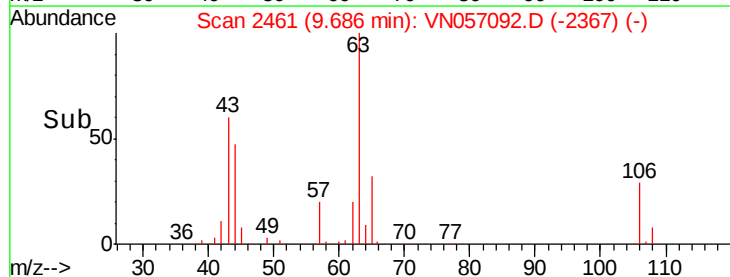
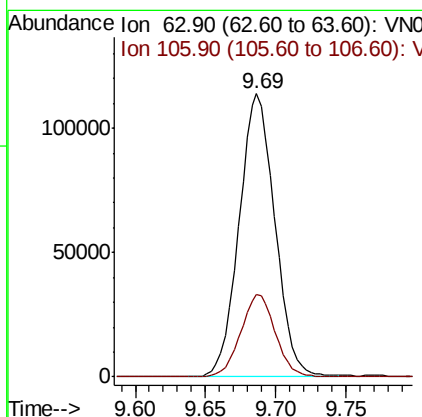
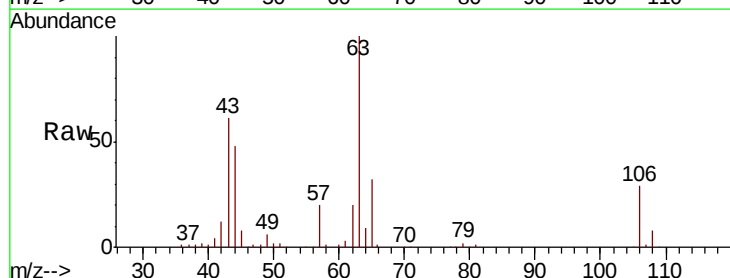
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01

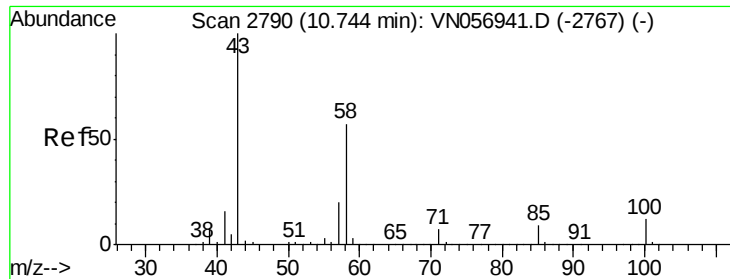
Tgt Ion: 76 Resp: 155452
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 73.968 ug/l
 RT: 9.69 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: VN057092.D
 Acq: 6 Aug 2019 10:51

Tgt Ion: 63 Resp: 202637
 Ion Ratio Lower Upper
 63 100
 106 28.0 22.0 33.0

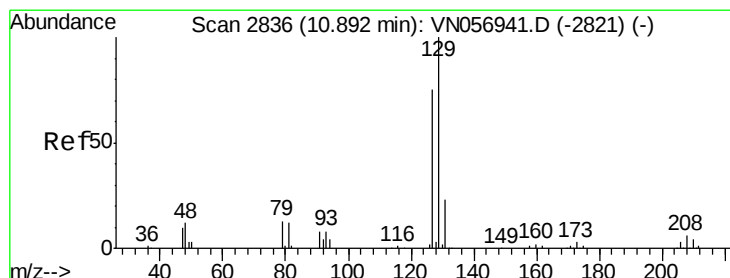
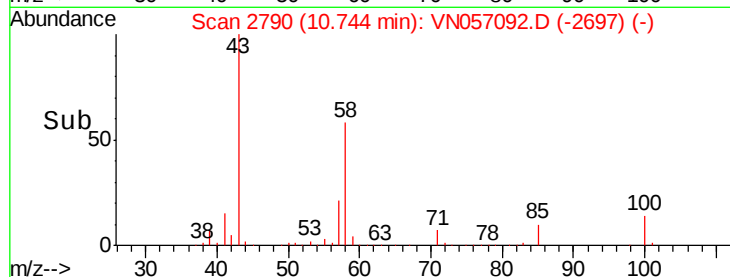
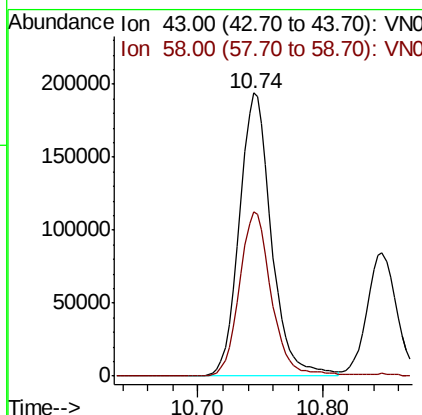
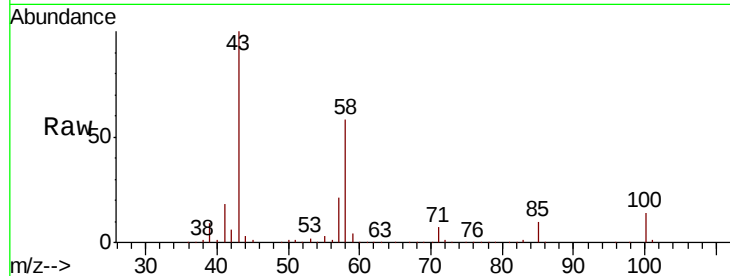




#59
2-Hexanone
Concen: 93.601 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VN057092.D
Acq: 6 Aug 2019 10:51

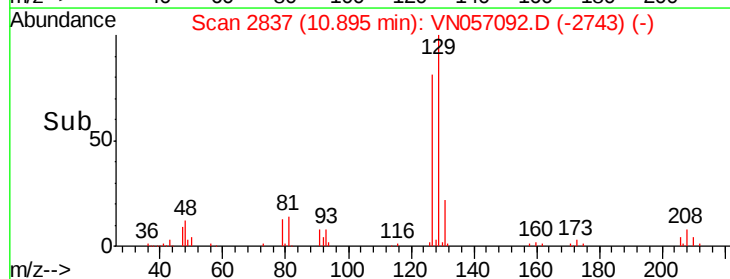
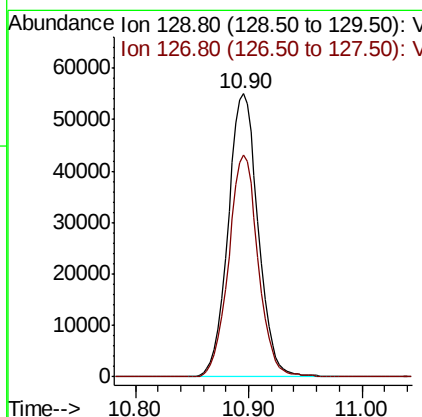
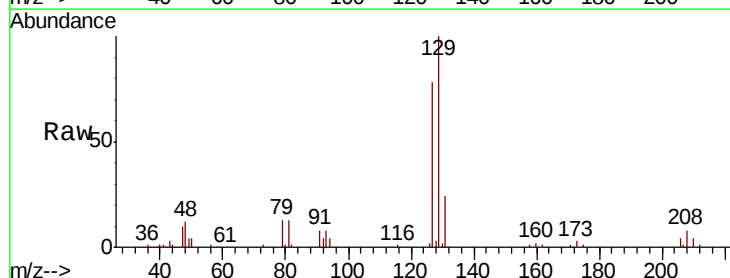
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01

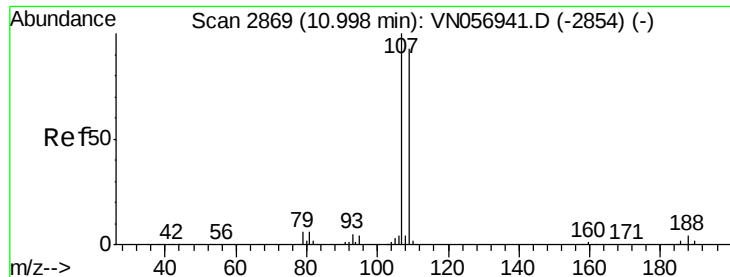
Tgt Ion: 43 Resp: 343357
Ion Ratio Lower Upper
43 100
58 58.2 28.5 85.5



#60
Dibromochloromethane
Concen: 21.710 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN057092.D
Acq: 6 Aug 2019 10:51

Tgt Ion: 129 Resp: 101681
Ion Ratio Lower Upper
129 100
127 77.0 38.0 113.9





#61

1,2-Dibromoethane

Concen: 21.090 ug/l

RT: 11.00 min Scan# 2869

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

Instrument :

MSVOA_N

ClientSampleId :

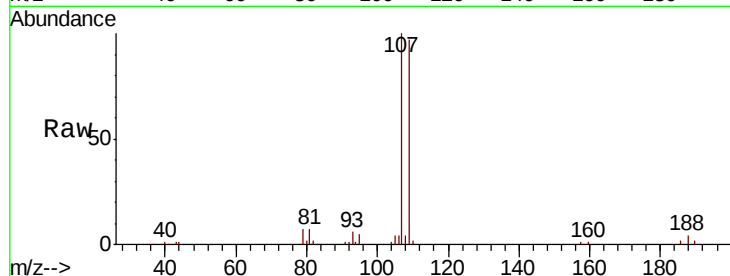
VN0806WBS01

Tgt Ion: 107 Resp: 94088

Ion Ratio Lower Upper

107 100

109 96.3 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

60000

50000

40000

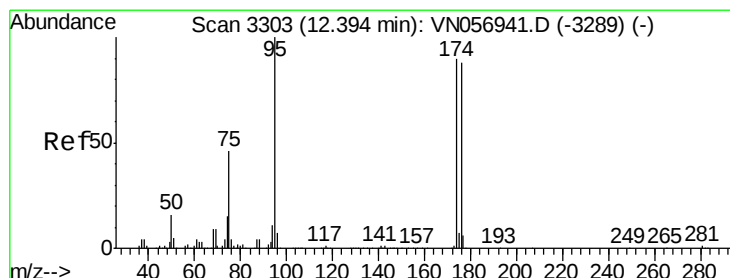
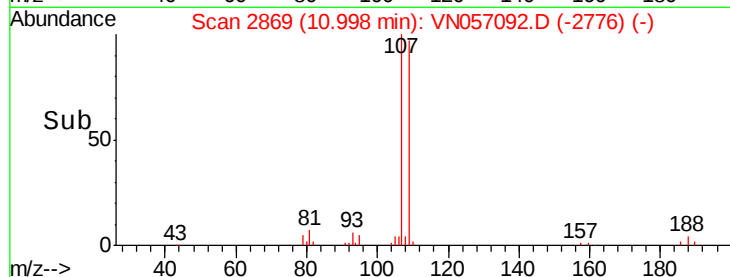
30000

20000

10000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 46.249 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

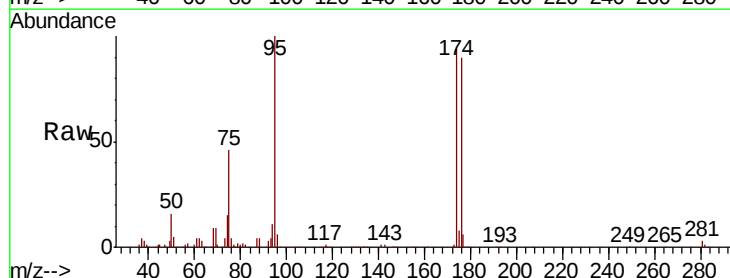
Tgt Ion: 95 Resp: 257318

Ion Ratio Lower Upper

95 100

174 94.6 0.0 182.2

176 91.5 0.0 179.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

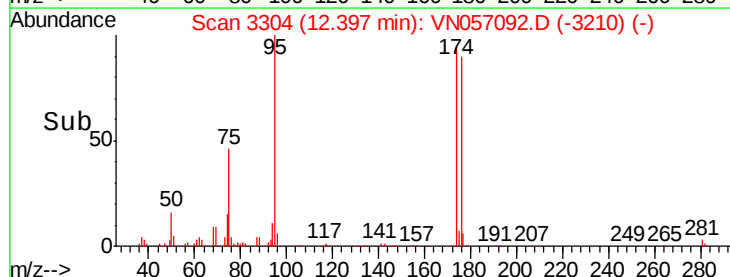
150000

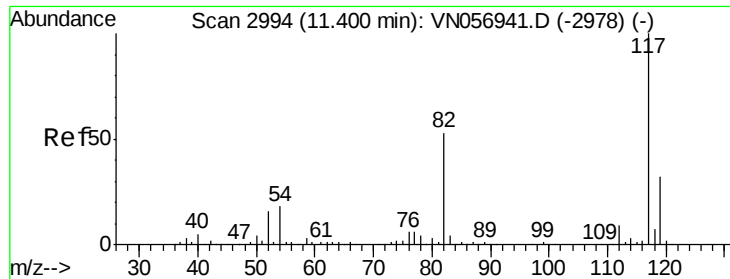
100000

50000

0

Time--> 12.30 12.35 12.40 12.45

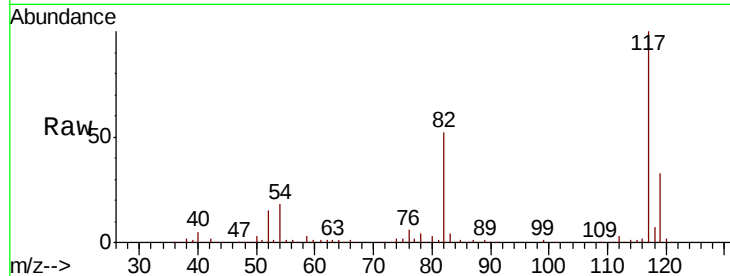




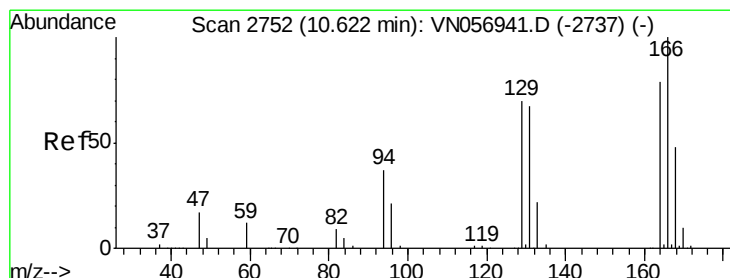
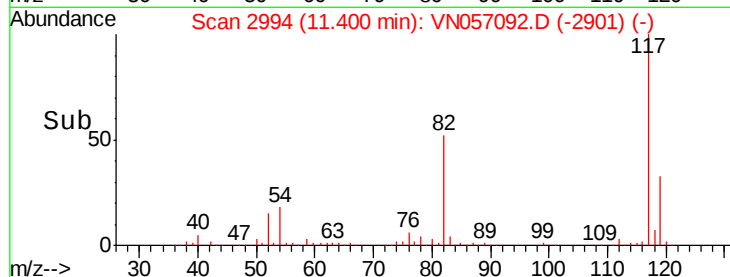
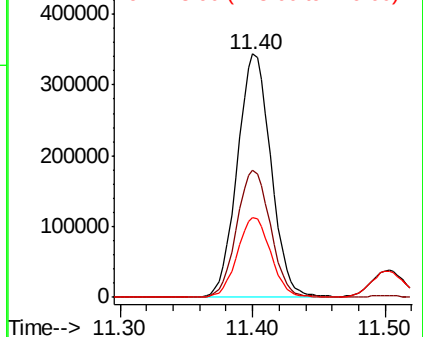
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN057092.D
Acq: 6 Aug 2019 10:51

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01

Tgt Ion:117 Resp: 608091
Ion Ratio Lower Upper
117 100
82 52.1 42.2 63.4
119 32.9 25.8 38.6

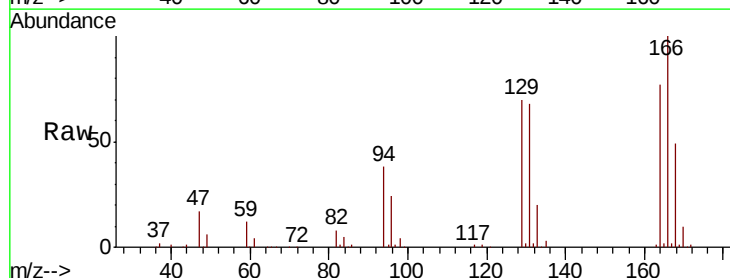


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

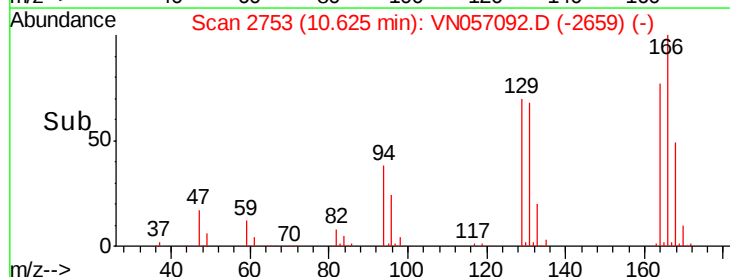
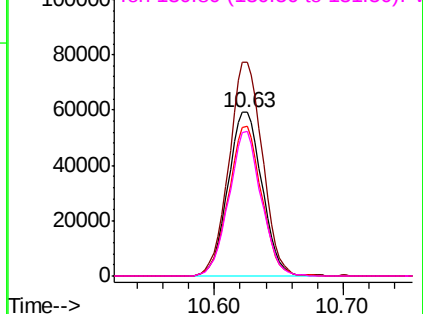


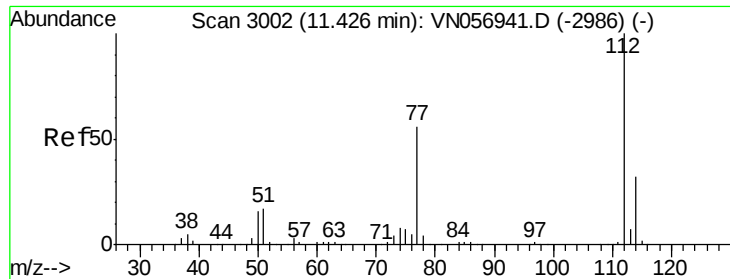
#64
Tetrachloroethene
Concen: 20.715 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN057092.D
Acq: 6 Aug 2019 10:51

Tgt Ion:164 Resp: 108552
Ion Ratio Lower Upper
164 100
166 130.4 101.1 151.7
129 91.8 70.9 106.3
131 88.0 67.7 101.5



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

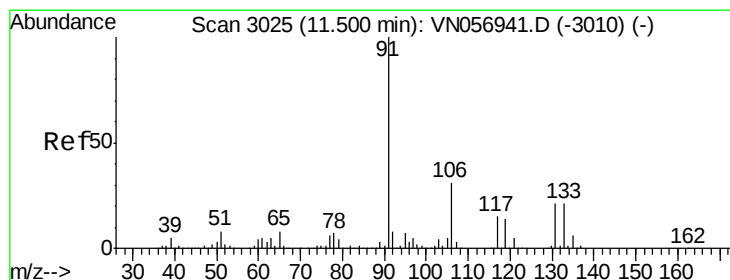
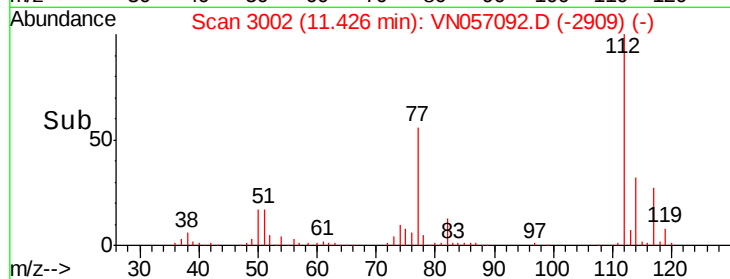
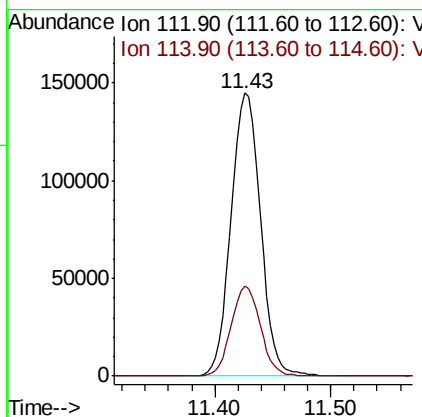
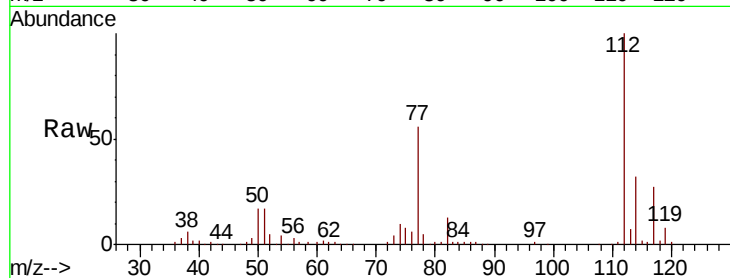




#65
Chlorobenzene
Concen: 20.622 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN057092.D
Acq: 6 Aug 2019 10:51

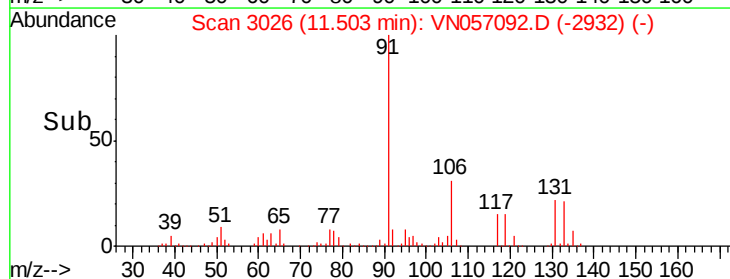
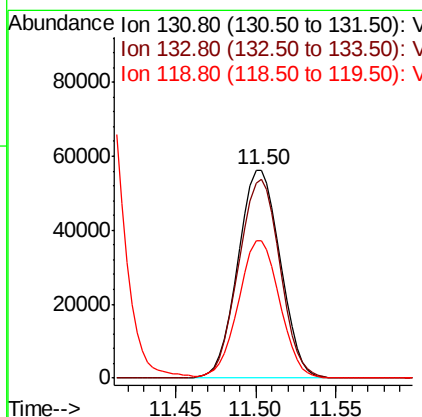
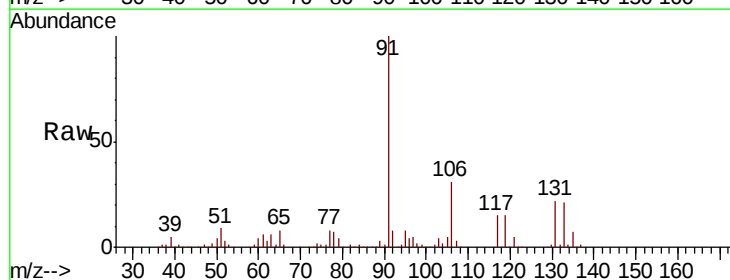
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01

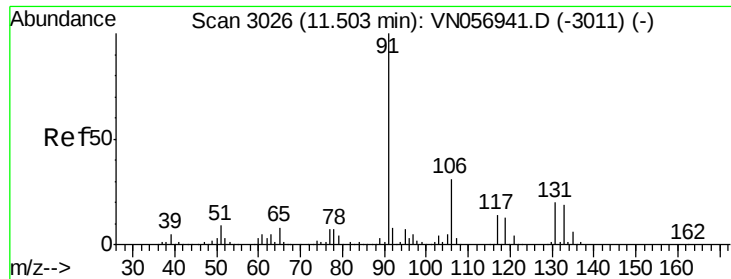
Tgt Ion:112 Resp: 255588
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.770 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN057092.D
Acq: 6 Aug 2019 10:51

Tgt Ion:131 Resp: 101551
Ion Ratio Lower Upper
131 100
133 93.9 48.0 144.0
119 64.6 33.2 99.6

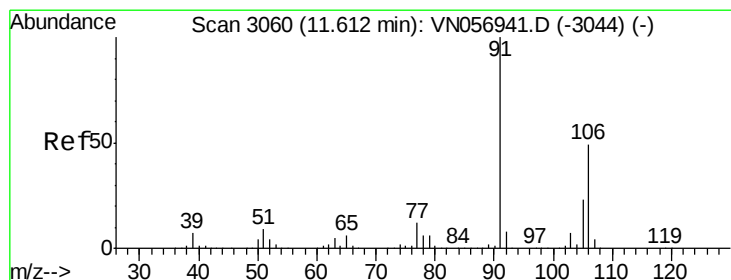
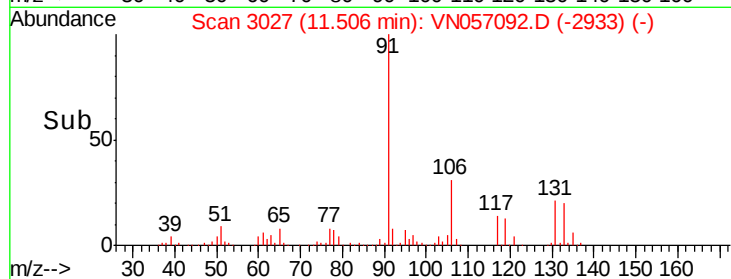
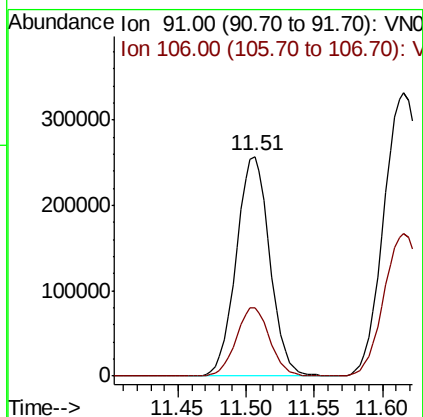
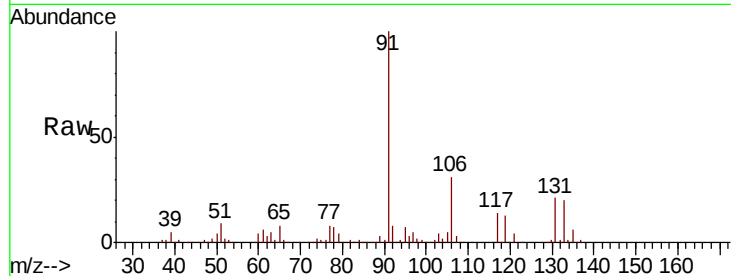




#67
Ethyl Benzene
Concen: 20.435 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN057092.D
Acq: 6 Aug 2019 10:51

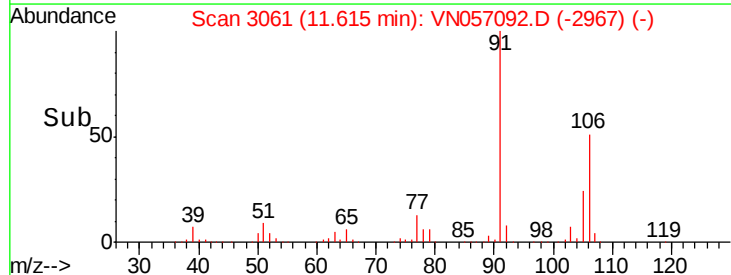
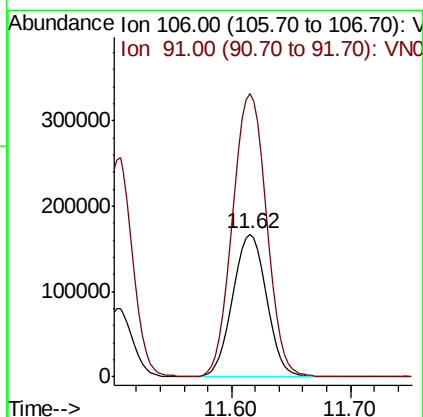
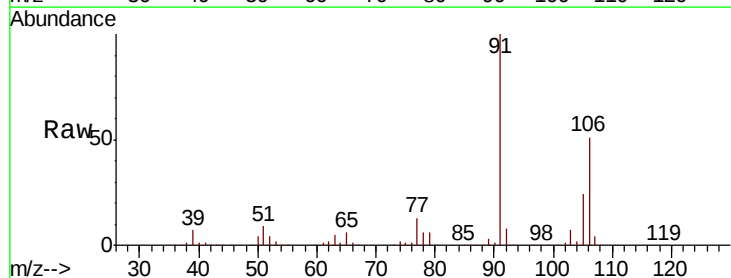
Instrument :
MSVOA_N
ClientSampled :
VN0806WBS01

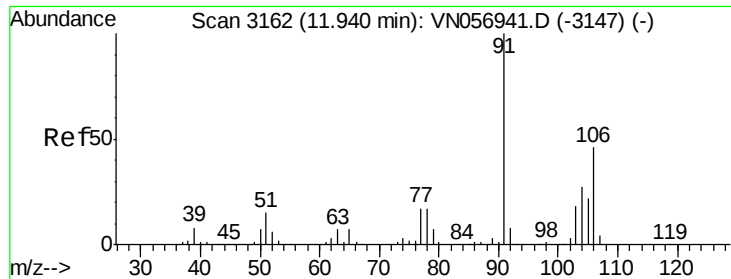
Tgt Ion: 91 Resp: 437728
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7



#68
m/p-Xylenes
Concen: 41.623 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN057092.D
Acq: 6 Aug 2019 10:51

Tgt Ion: 106 Resp: 329040
Ion Ratio Lower Upper
106 100
91 199.5 160.0 240.0

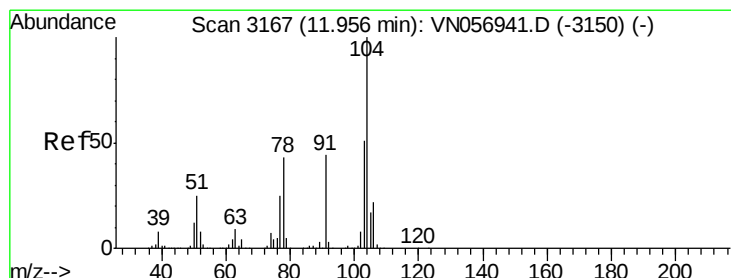
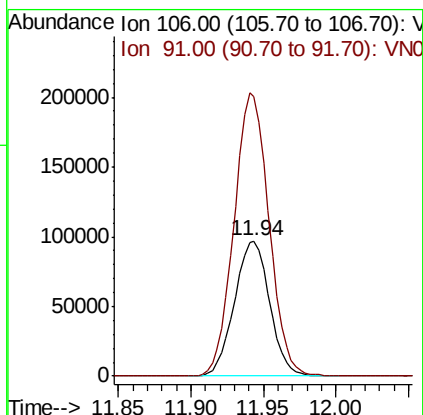
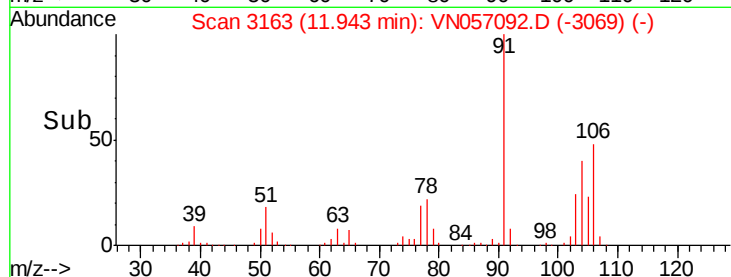
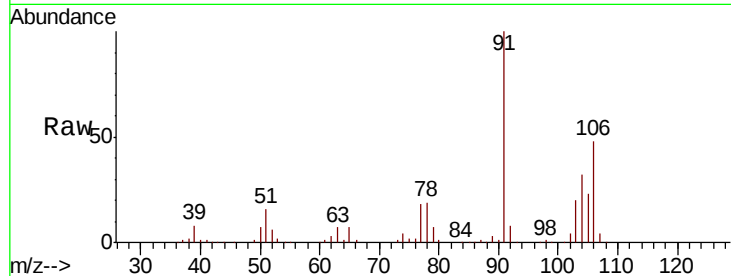




#69
o-Xylene
Concen: 21.118 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN057092.D
Acq: 6 Aug 2019 10:51

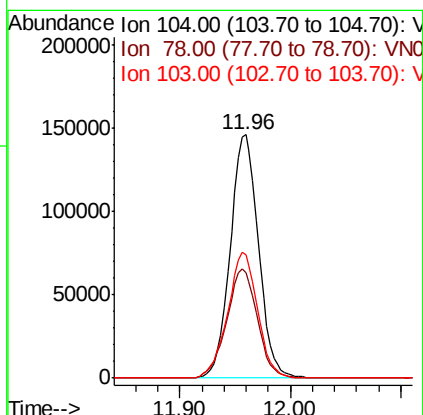
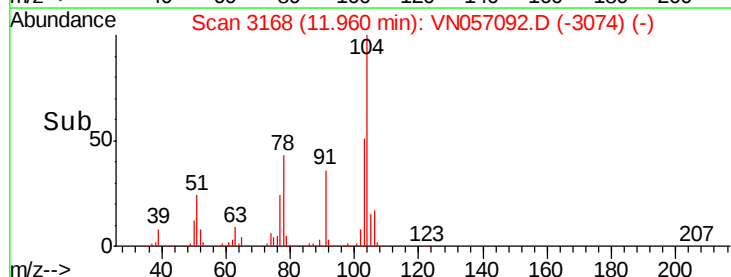
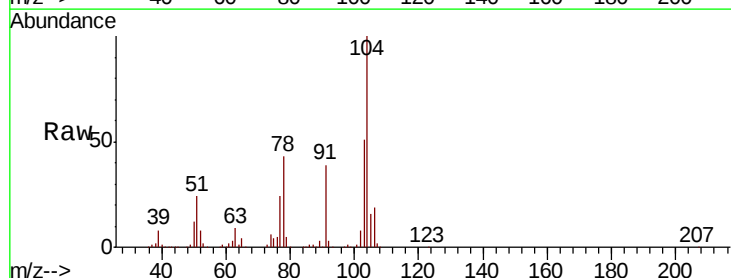
Instrument :
MSVOA_N
ClientSampled :
VN0806WBS01

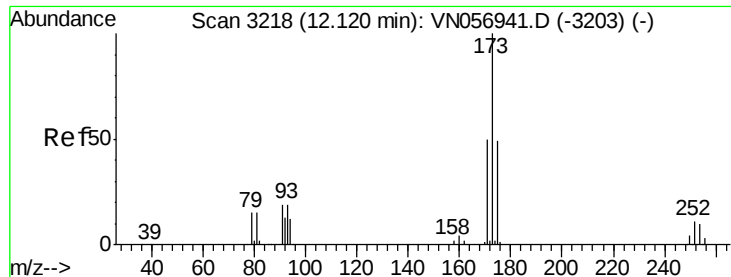
Tgt Ion:106 Resp: 163331
Ion Ratio Lower Upper
106 100
91 208.8 106.2 318.6



#70
Styrene
Concen: 20.183 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN057092.D
Acq: 6 Aug 2019 10:51

Tgt Ion:104 Resp: 260102
Ion Ratio Lower Upper
104 100
78 48.6 38.1 57.1
103 54.8 44.3 66.5





#71

Bromoform

Concen: 21.324 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS01

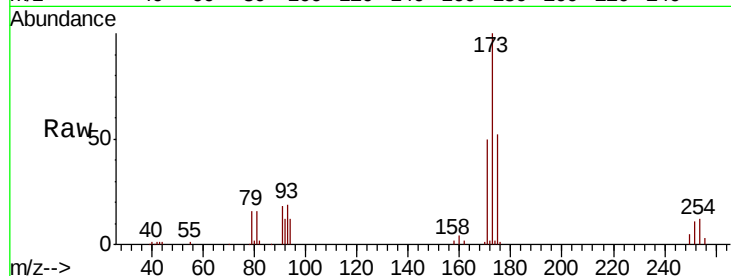
Tgt Ion:173 Resp: 69448

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.4

254 0.0 0.1 0.1#

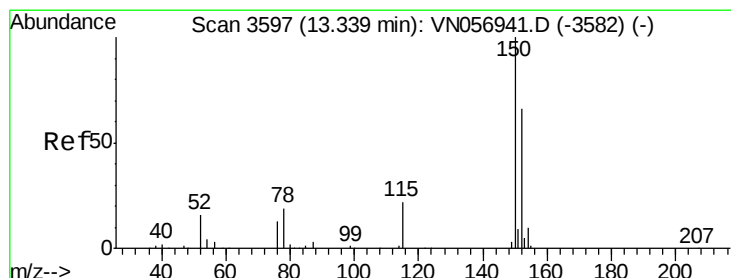
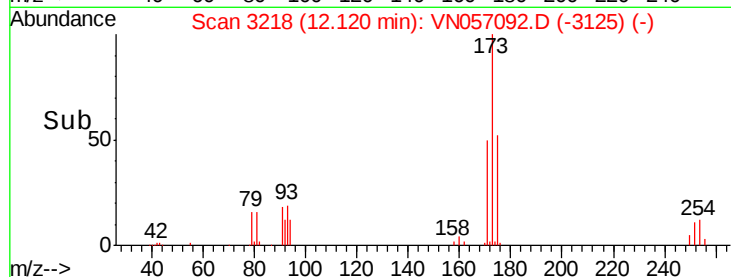
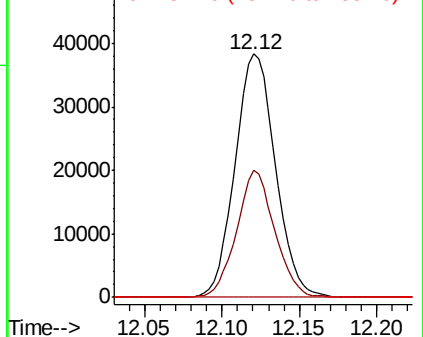


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

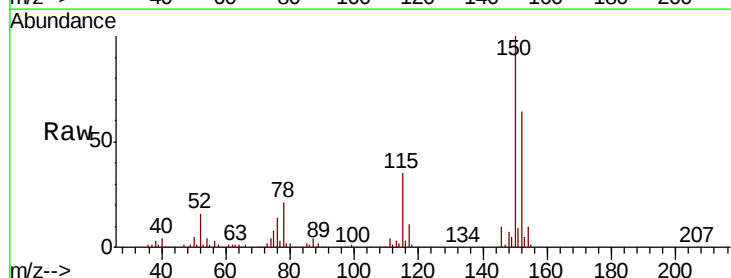
Tgt Ion:152 Resp: 231643

Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.6

150 164.2 0.0 349.4

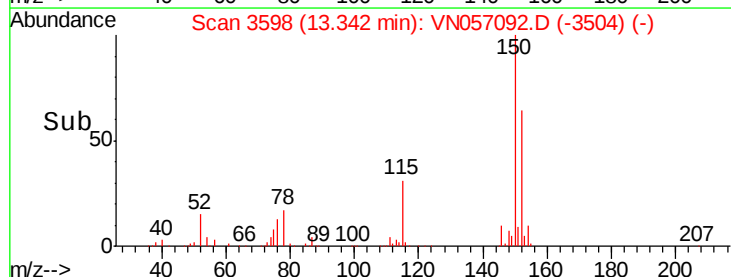
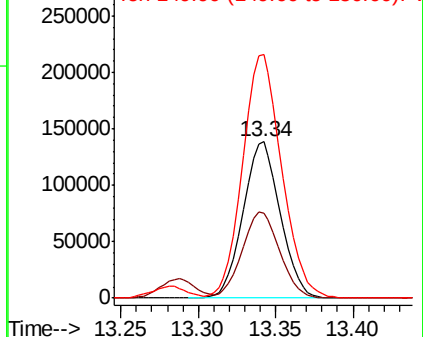


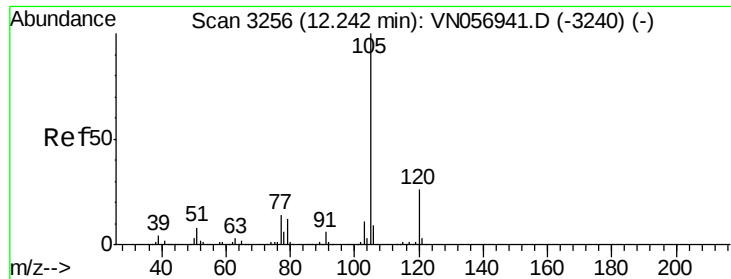
Abundance

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: 21.816 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

Instrument :

MSVOA_N

ClientSampleId :

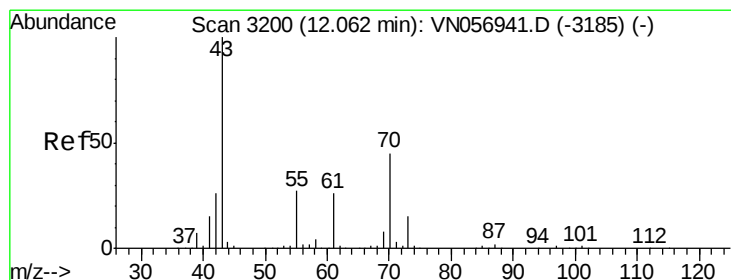
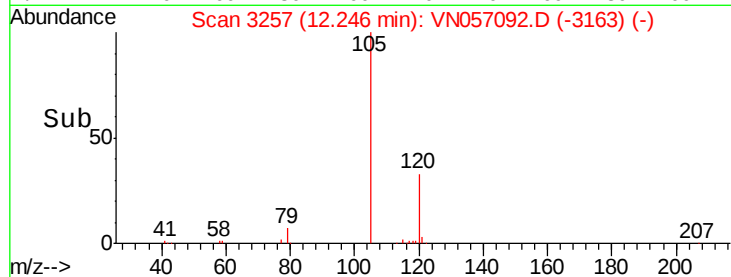
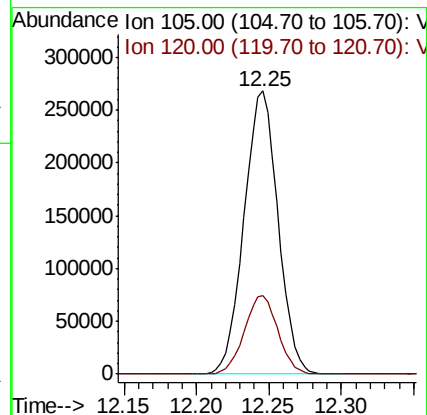
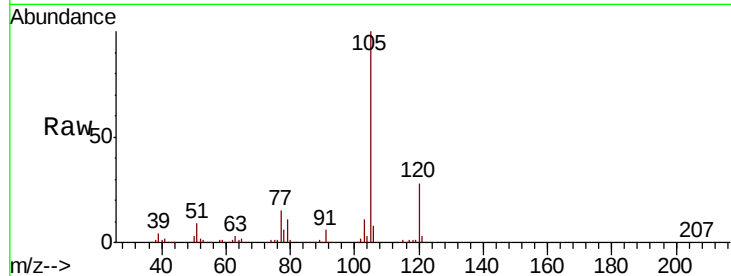
VN0806WBS01

Tgt Ion:105 Resp: 436744

Ion Ratio Lower Upper

105 100

120 27.5 13.5 40.5



#74

N-ethyl acetate

Concen: 21.198 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

Tgt Ion: 43 Resp: 123221

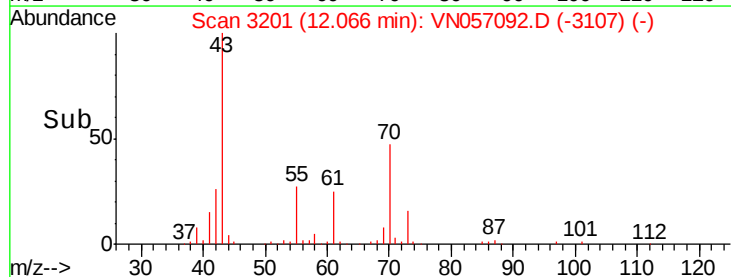
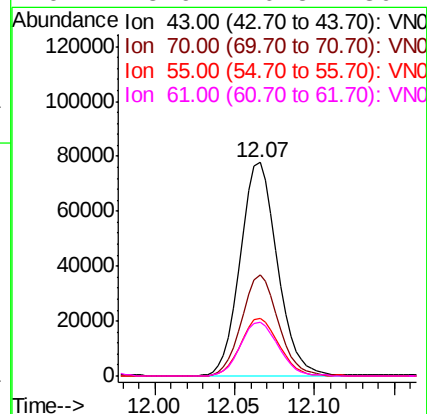
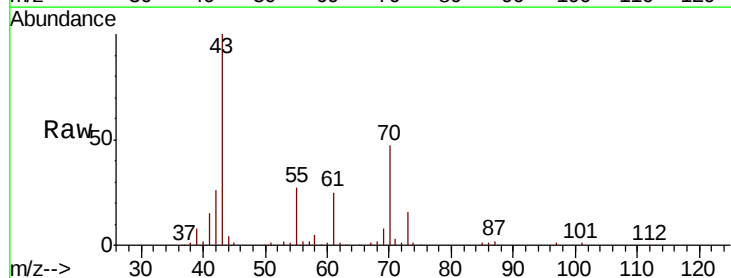
Ion Ratio Lower Upper

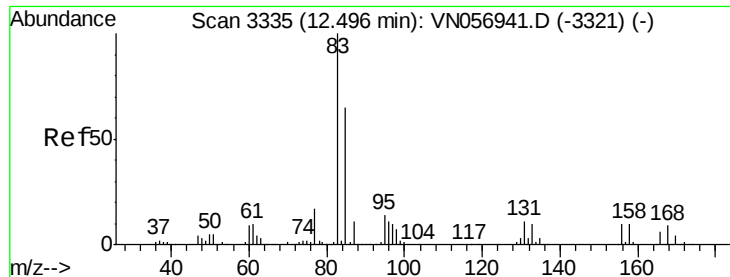
43 100

70 46.6 36.5 54.7

55 27.6 21.4 32.0

61 25.9 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 22.398 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

Instrument :

MSVOA_N

ClientSampled :

VN0806WBS01

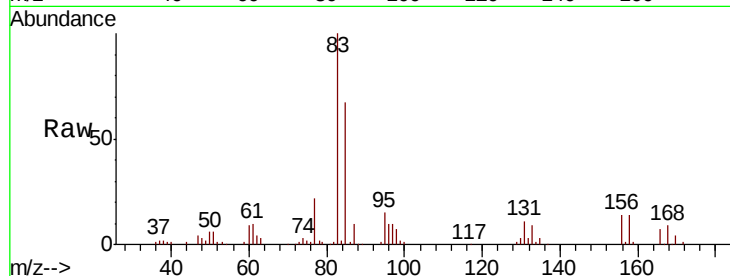
Tgt Ion: 83 Resp: 120475

Ion Ratio Lower Upper

83 100

131 10.5 5.3 16.1

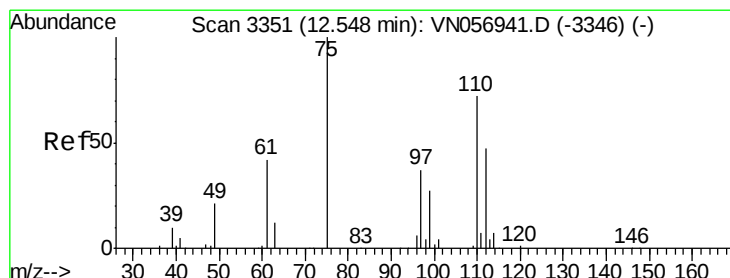
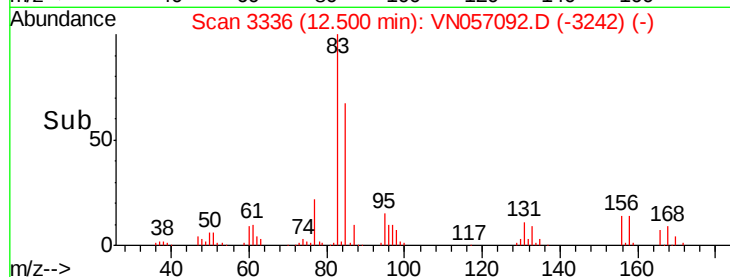
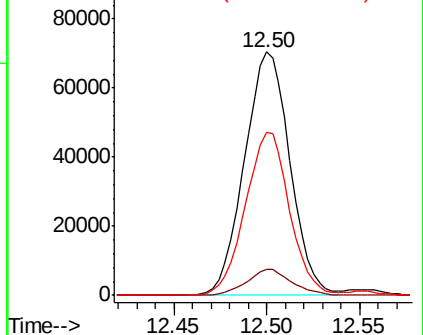
85 65.1 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 30.392 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN057092.D

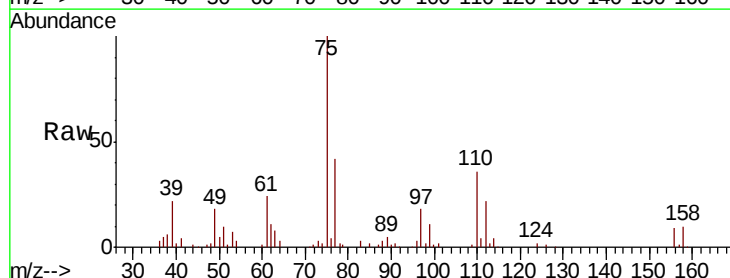
Acq: 6 Aug 2019 10:51

Tgt Ion: 75 Resp: 142971

Ion Ratio Lower Upper

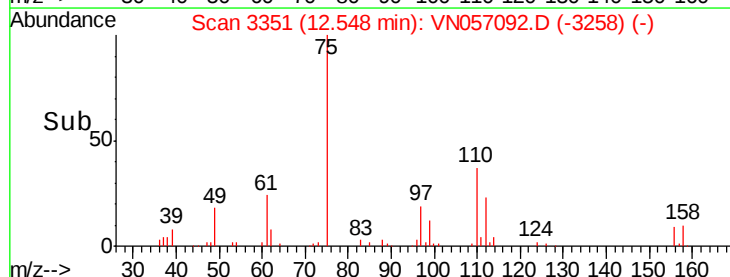
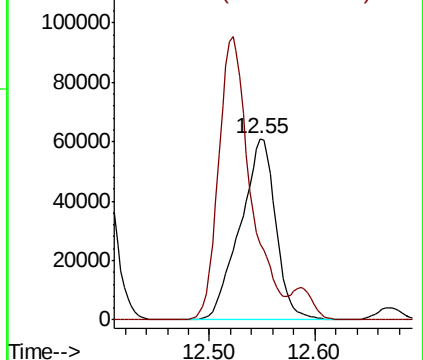
75 100

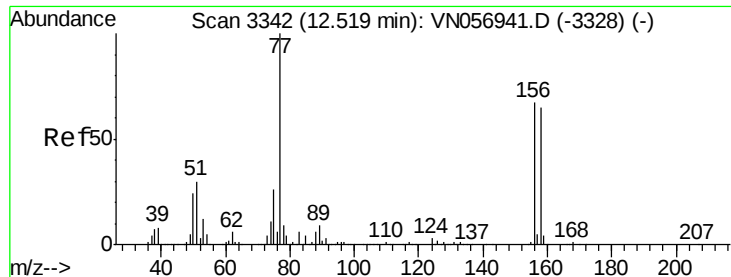
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 21.746 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

Instrument :

MSVOA_N

ClientSampled :

VN0806WBS01

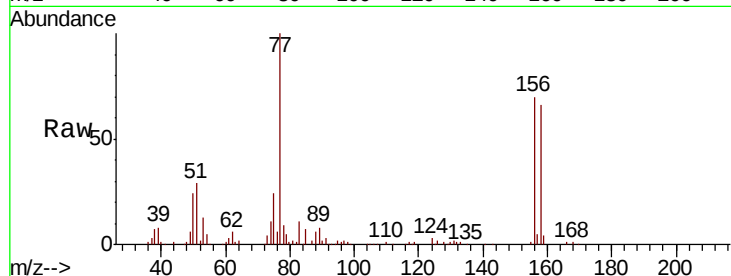
Tgt Ion:156 Resp: 113621

Ion Ratio Lower Upper

156 100

77 177.4 89.5 268.5

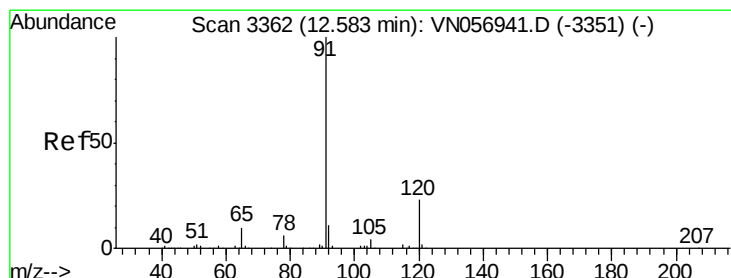
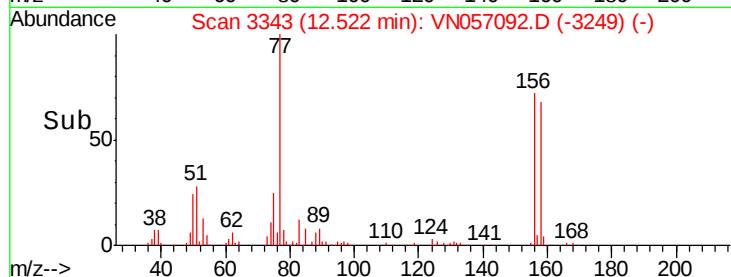
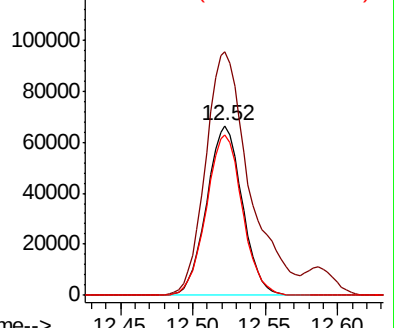
158 95.5 48.4 145.3



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: 21.231 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN057092.D

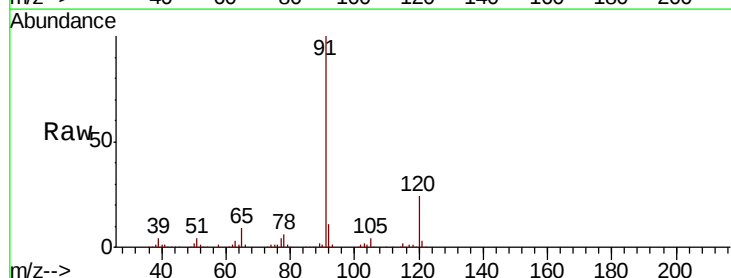
Acq: 6 Aug 2019 10:51

Tgt Ion: 91 Resp: 453825

Ion Ratio Lower Upper

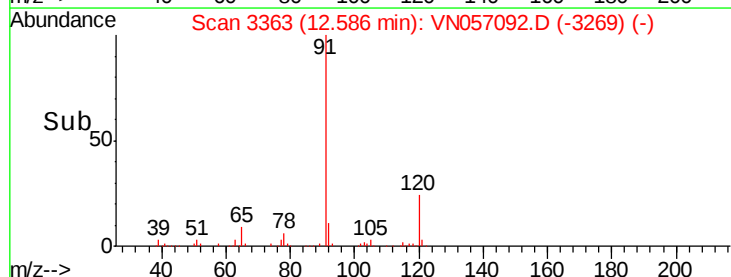
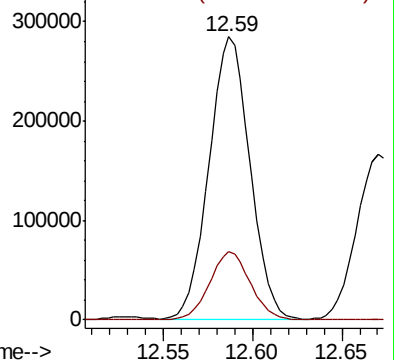
91 100

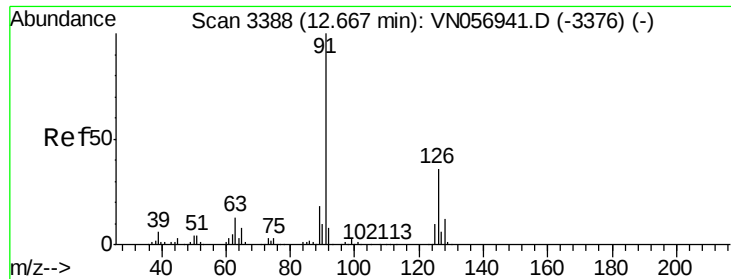
120 24.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

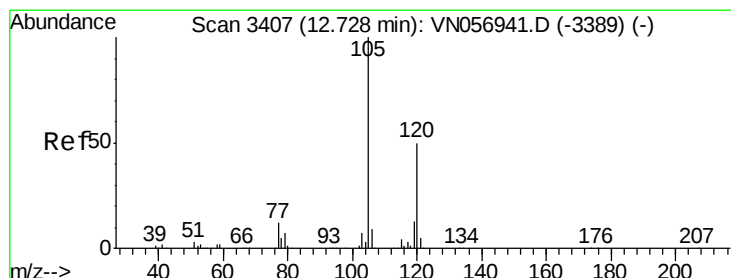
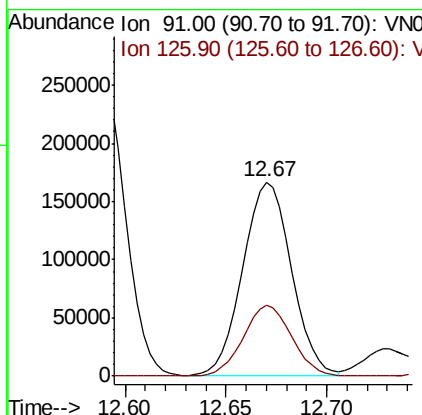
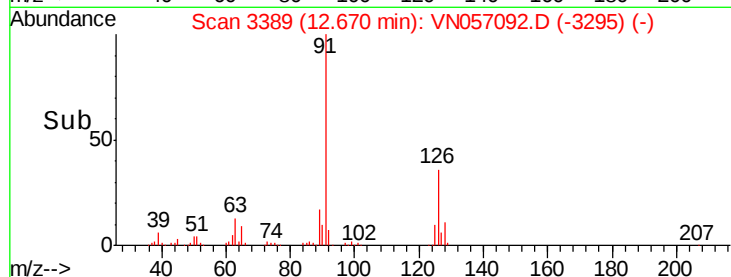
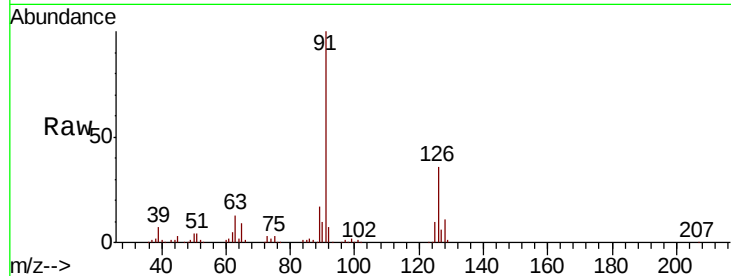




#79
 2-Chlorotoluene
 Concen: 21.326 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN057092.D
 Acq: 6 Aug 2019 10:51

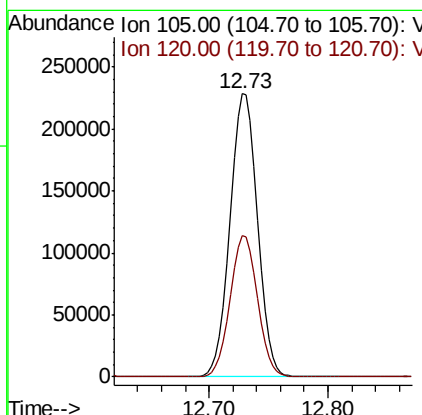
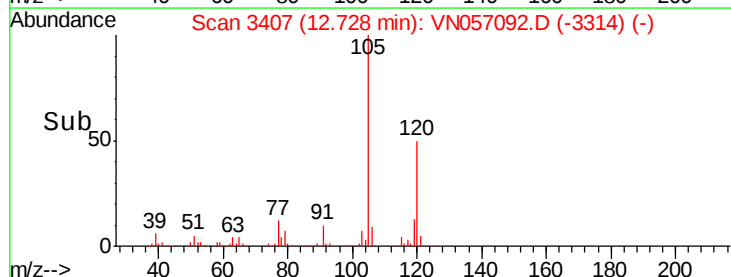
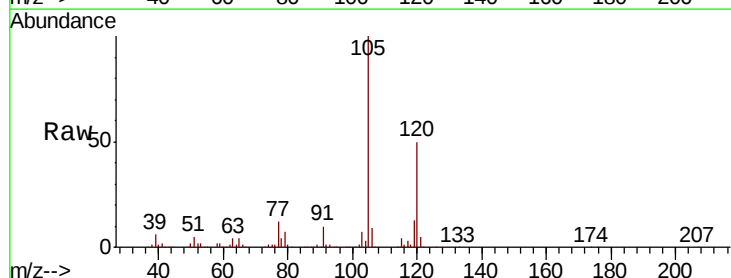
Instrument :
 MSVOA_N
 ClientSampled :
 VN0806WBS01

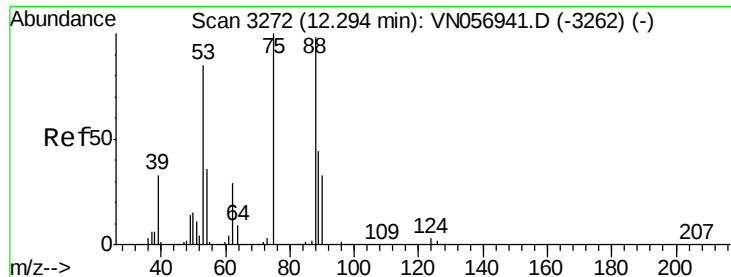
Tgt Ion: 91 Resp: 280699
 Ion Ratio Lower Upper
 91 100
 126 36.4 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 22.277 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN057092.D
 Acq: 6 Aug 2019 10:51

Tgt Ion: 105 Resp: 366031
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 21.765 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS01

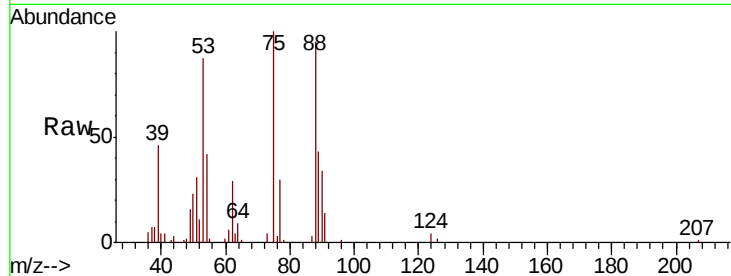
Tgt Ion: 75 Resp: 31867

Ion Ratio Lower Upper

75 100

53 92.4 69.3 103.9

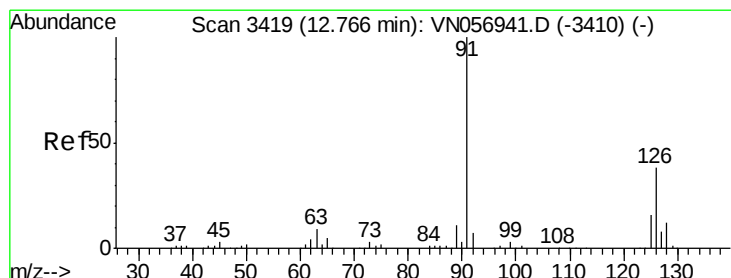
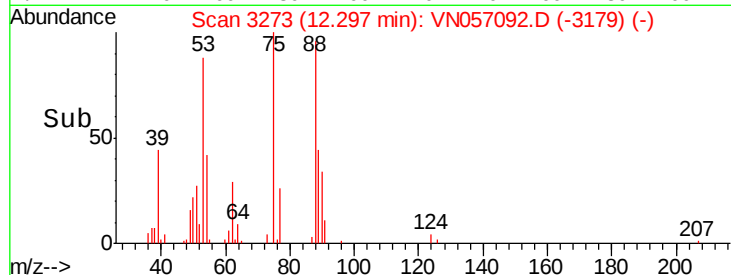
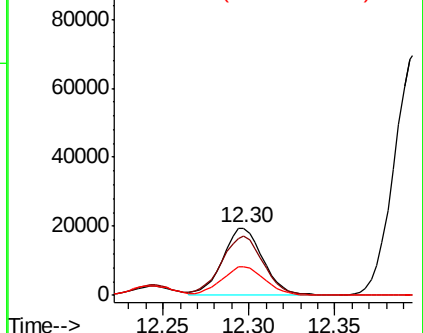
89 45.3 35.8 53.6



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: 21.383 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN057092.D

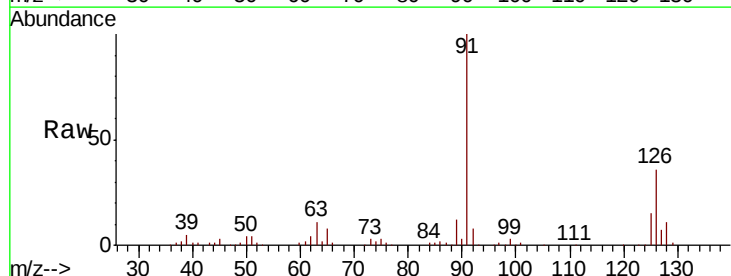
Acq: 6 Aug 2019 10:51

Tgt Ion: 91 Resp: 263389

Ion Ratio Lower Upper

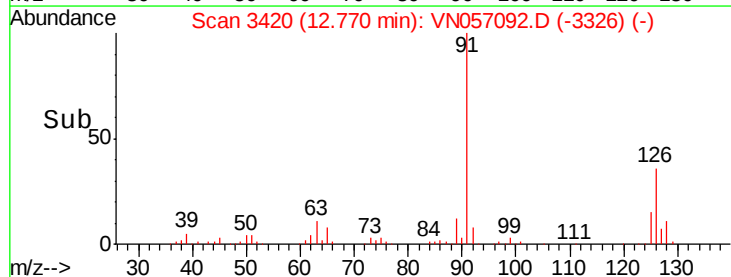
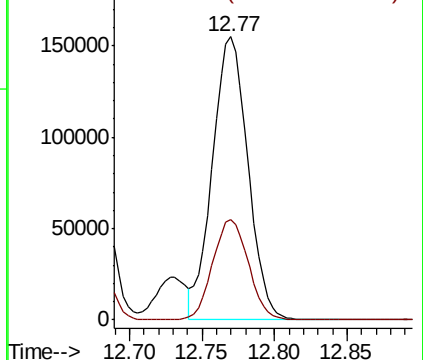
91 100

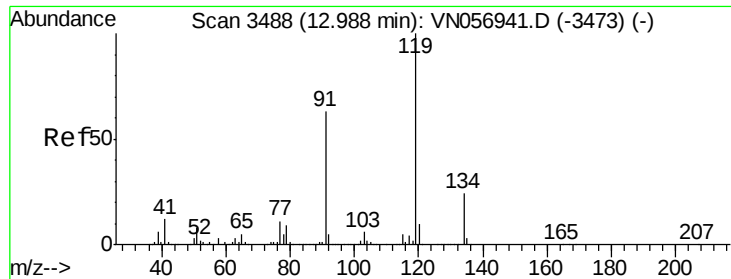
126 35.6 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

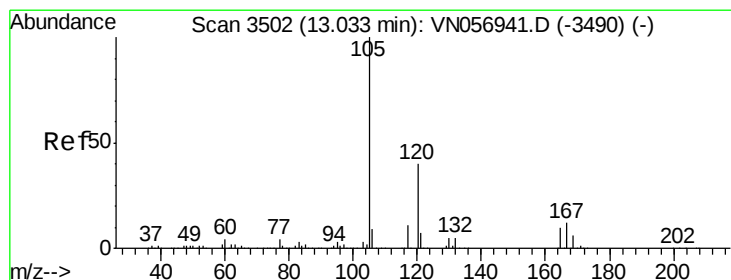
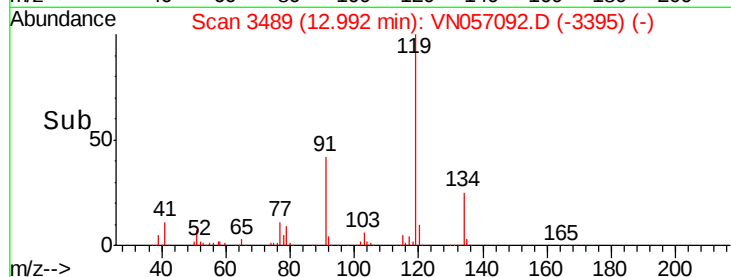
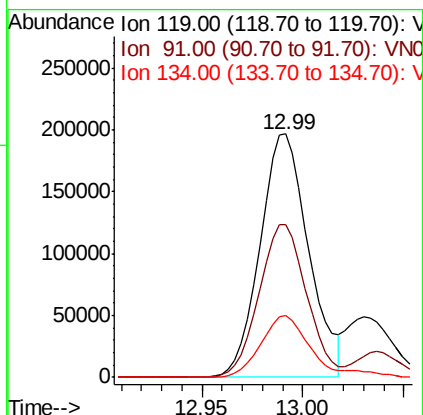
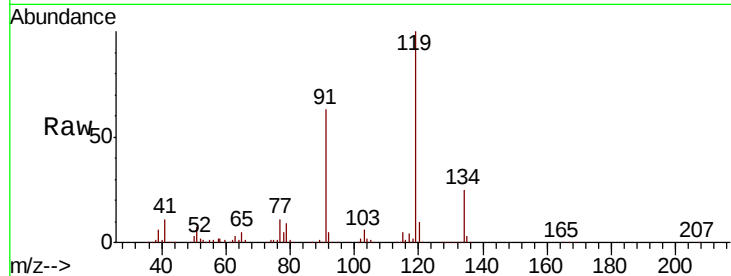




#83
 tert-Butylbenzene
 Concen: 22.680 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN057092.D
 Acq: 6 Aug 2019 10:51

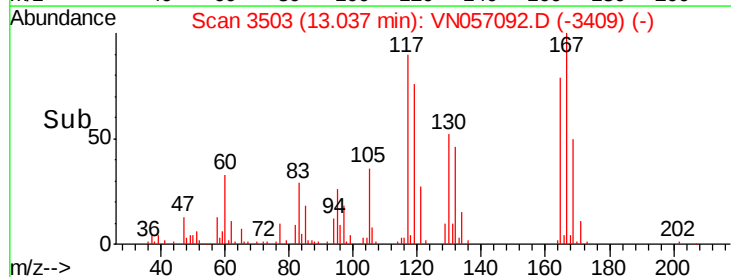
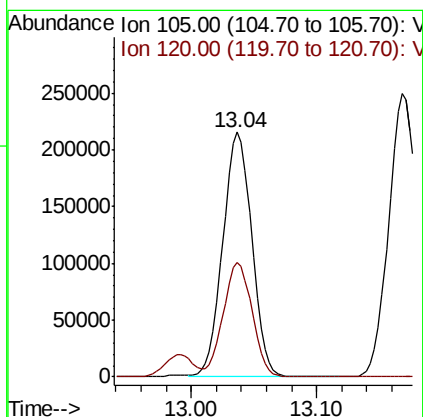
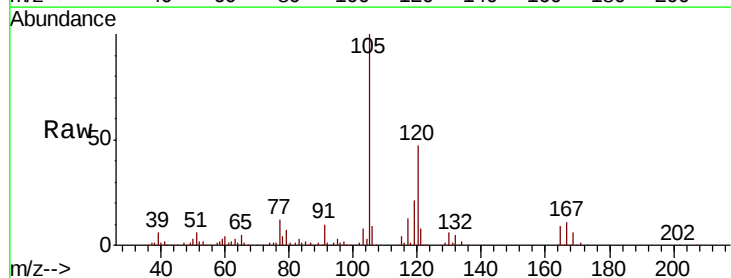
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01

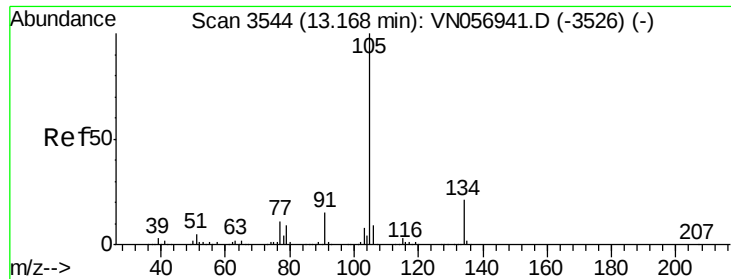
Tgt Ion:119 Resp: 329884
 Ion Ratio Lower Upper
 119 100
 91 61.8 31.3 93.8
 134 26.5 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.929 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN057092.D
 Acq: 6 Aug 2019 10:51

Tgt Ion:105 Resp: 346699
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.2 69.6

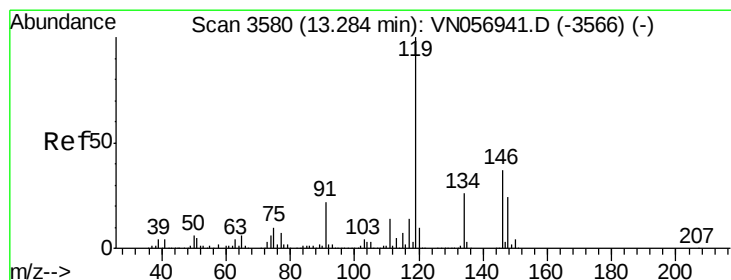
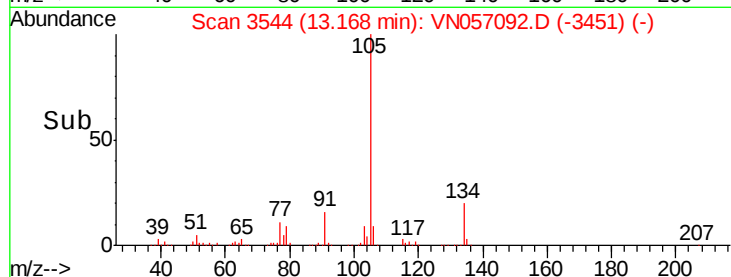
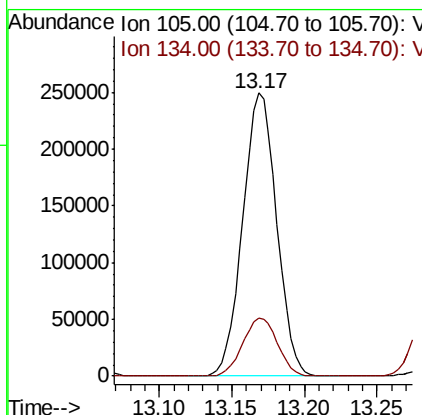
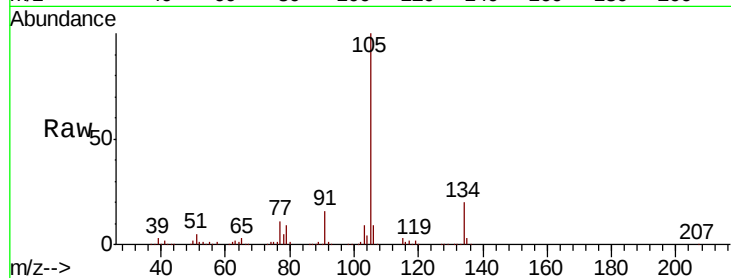




#85
 sec-Butylbenzene
 Concen: 21.627 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN057092.D
 Acq: 6 Aug 2019 10:51

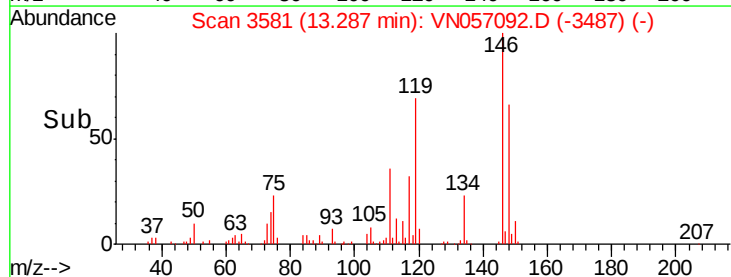
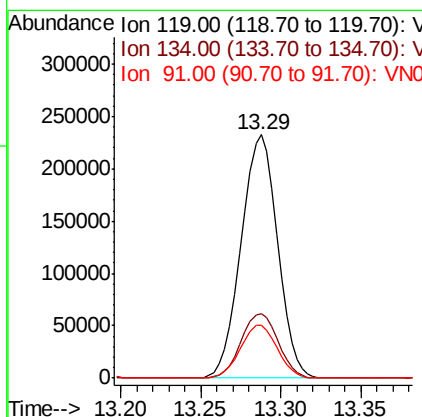
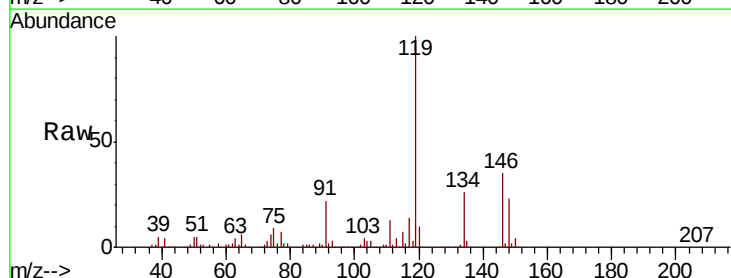
Instrument :
 MSVOA_N
 ClientSampled :
 VN0806WBS01

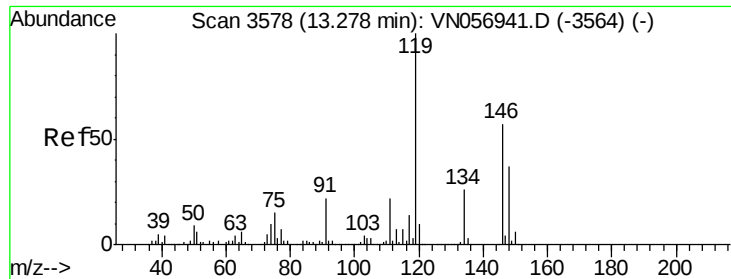
Tgt Ion:105 Resp: 405753
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 21.585 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN057092.D
 Acq: 6 Aug 2019 10:51

Tgt Ion:119 Resp: 359537
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.1
 91 22.1 11.0 33.0

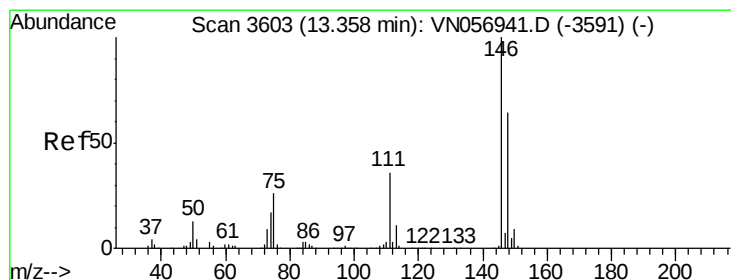
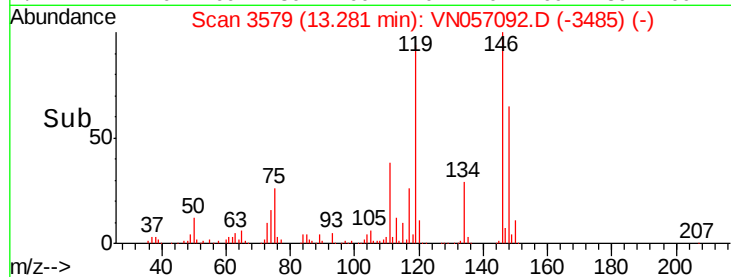
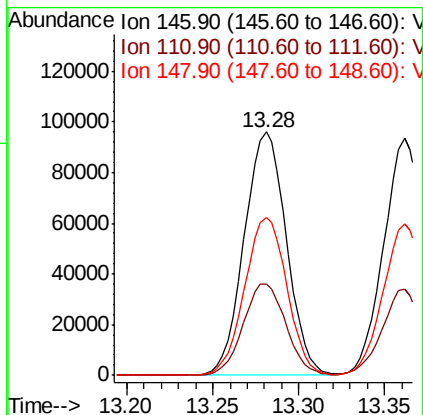
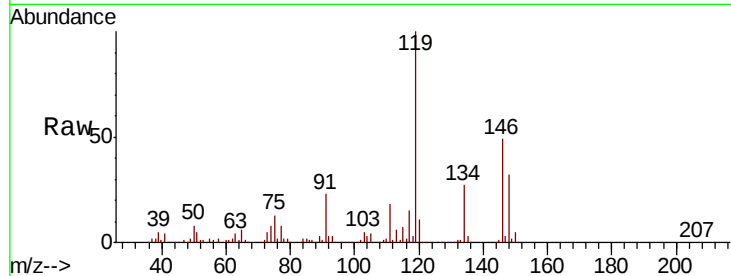




#87
 1,3-Dichlorobenzene
 Concen: 20.604 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN057092.D
 Acq: 6 Aug 2019 10:51

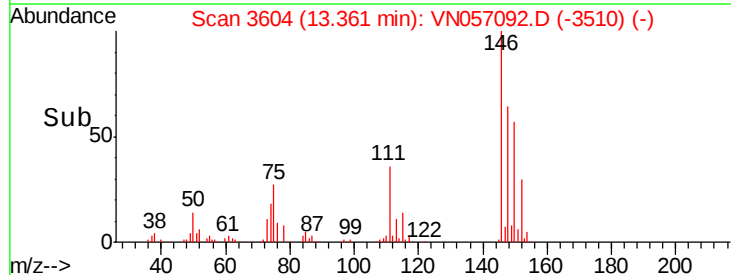
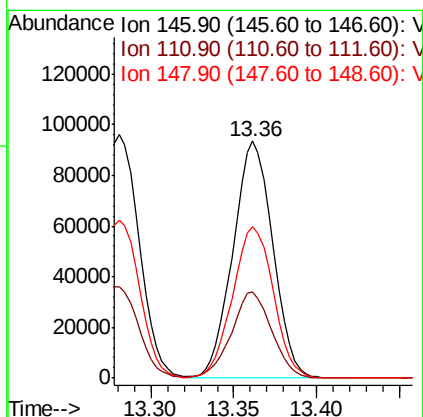
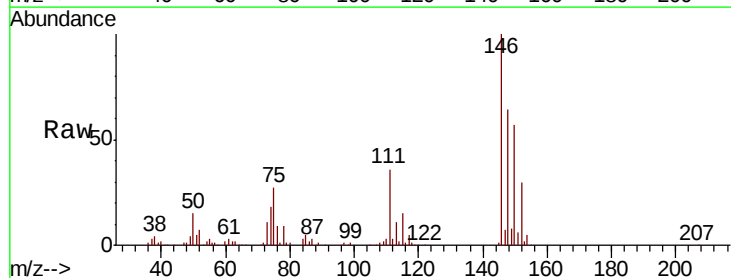
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01

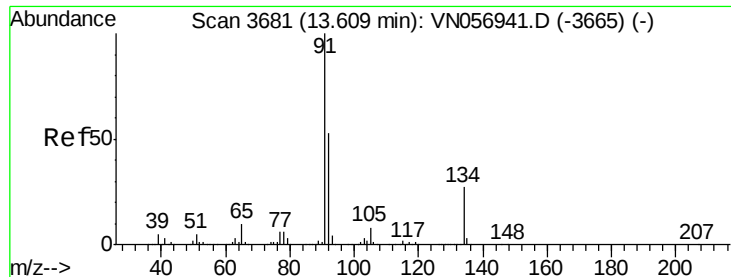
Tgt Ion:146 Resp: 163756
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.6 55.8
 148 65.1 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 20.516 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN057092.D
 Acq: 6 Aug 2019 10:51

Tgt Ion:146 Resp: 156969
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.4 55.2
 148 65.1 32.3 96.9





#89

n-Butylbenzene

Concen: 20.049 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS01

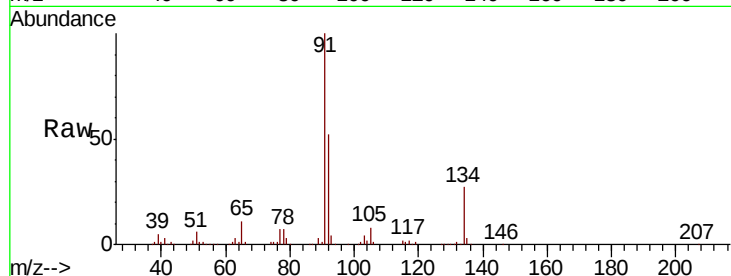
Tgt Ion: 91 Resp: 257374

Ion Ratio Lower Upper

91 100

92 51.9 26.2 78.5

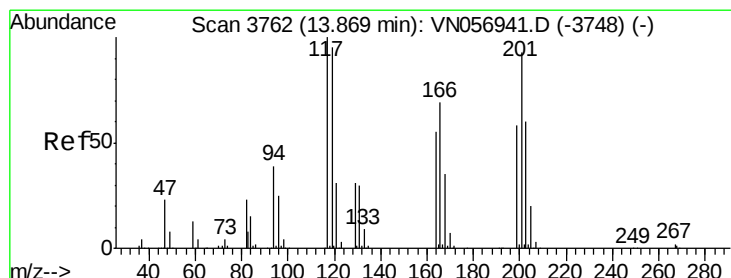
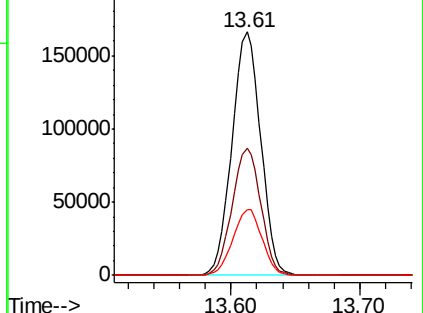
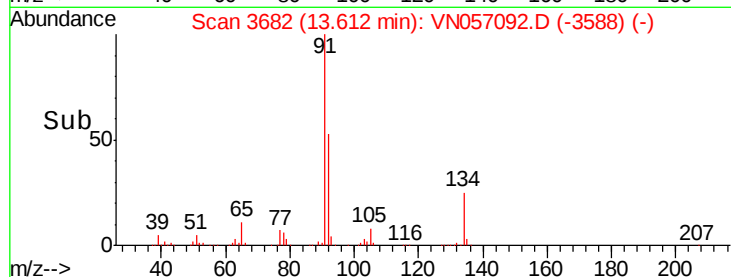
134 27.4 13.5 40.4



Abundance Ion 91.00 (90.70 to 91.70): VN056941.D (-3665) (-)

Ion 92.00 (91.70 to 92.70): VN056941.D (-3665) (-)

Ion 134.00 (133.70 to 134.70): VN056941.D (-3665) (-)



#90

Hexachloroethane

Concen: 22.193 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN057092.D

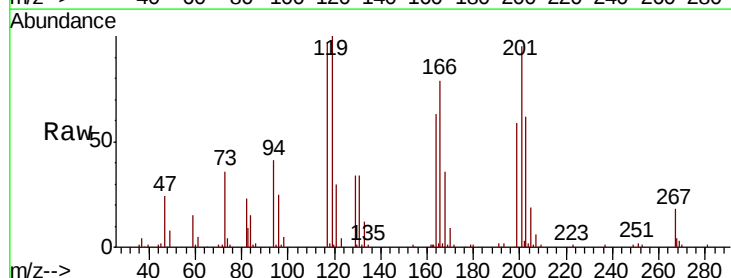
Acq: 6 Aug 2019 10:51

Tgt Ion: 117 Resp: 63652

Ion Ratio Lower Upper

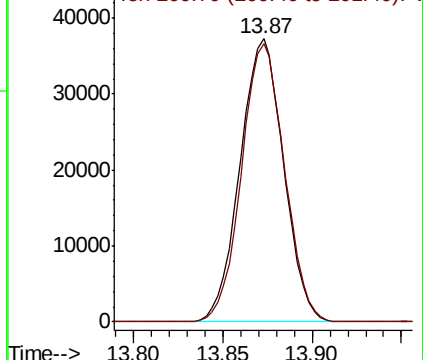
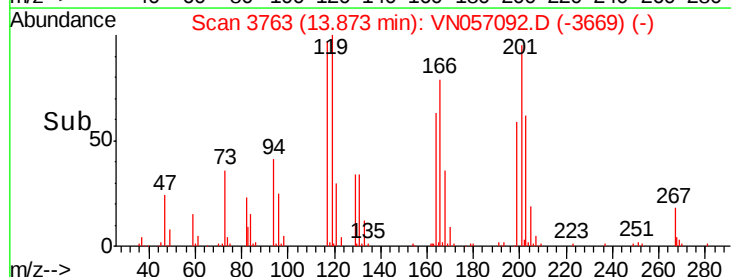
117 100

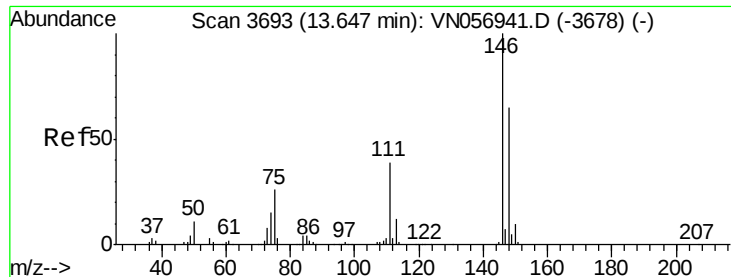
201 96.8 47.0 141.2



Abundance Ion 116.80 (116.50 to 117.50): VN056941.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN056941.D (-3748) (-)

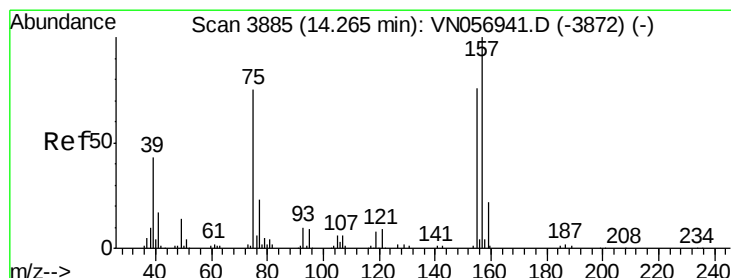
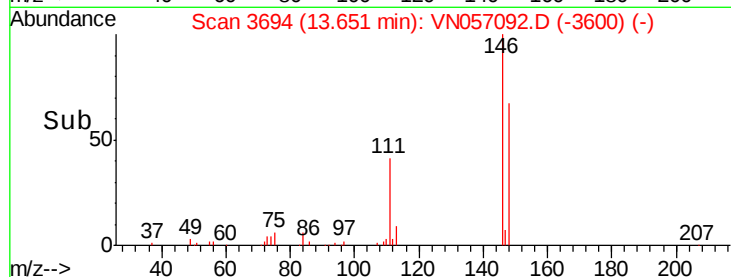
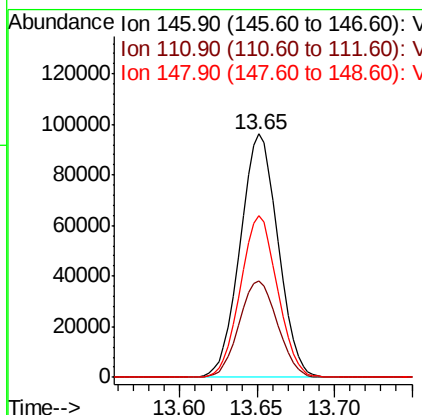
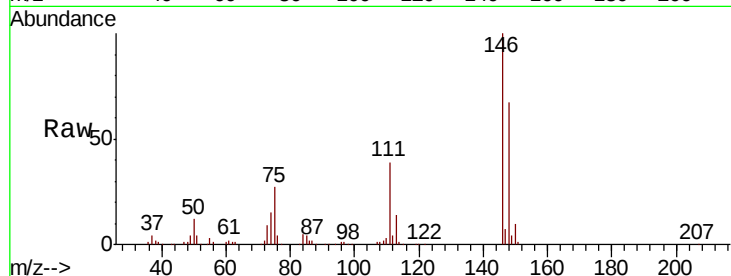




#91
 1,2-Dichlorobenzene
 Concen: 20.959 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN057092.D
 Acq: 6 Aug 2019 10:51

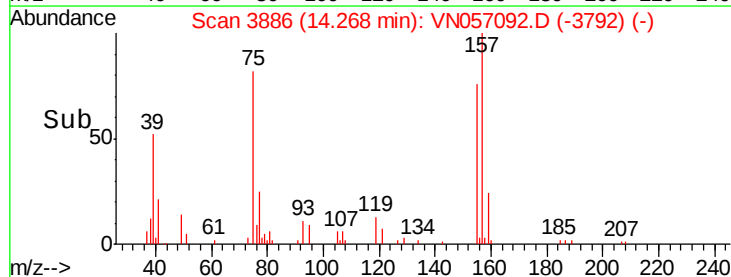
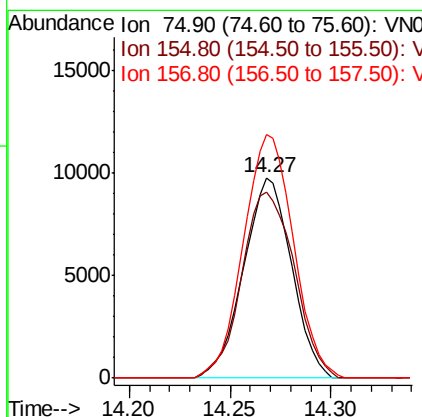
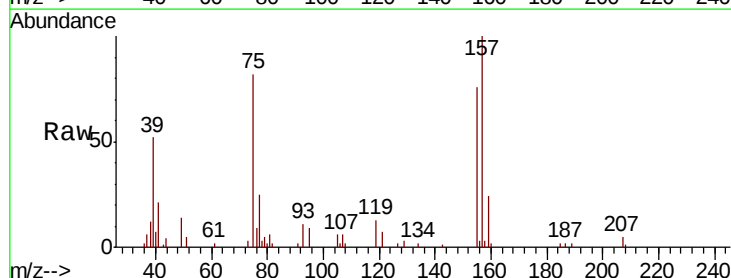
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01

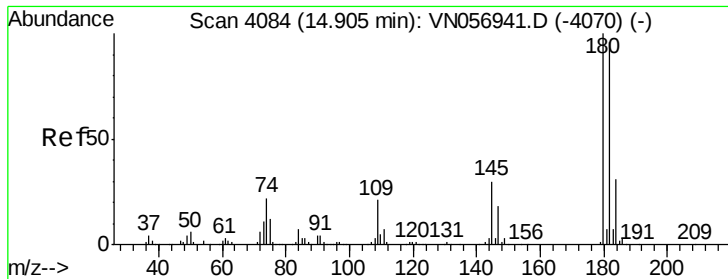
Tgt Ion: 146 Resp: 163943
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.4 58.4
 148 65.0 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.404 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN057092.D
 Acq: 6 Aug 2019 10:51

Tgt Ion: 75 Resp: 16247
 Ion Ratio Lower Upper
 75 100
 155 101.4 50.2 150.6
 157 126.6 65.1 195.4

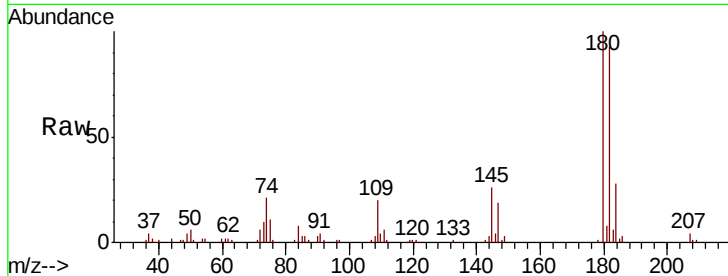




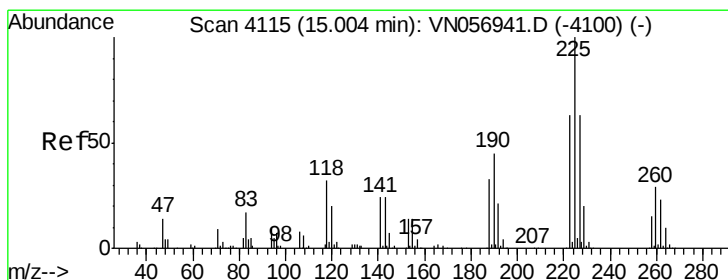
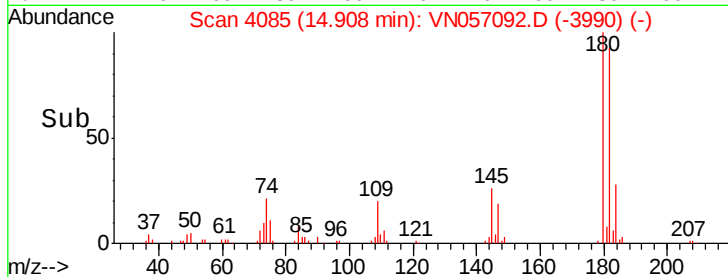
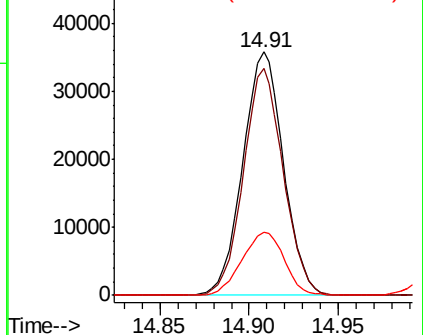
#93
 1,2,4-Trichlorobenzene
 Concen: 16.042 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN057092.D
 Acq: 6 Aug 2019 10:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01

Tgt Ion:180 Resp: 56877
 Ion Ratio Lower Upper
 180 100
 182 91.5 47.6 142.8
 145 27.0 14.2 42.8

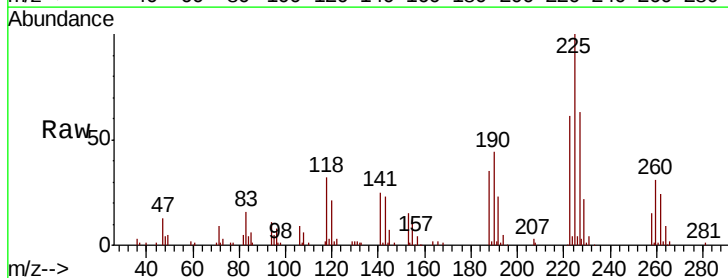


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

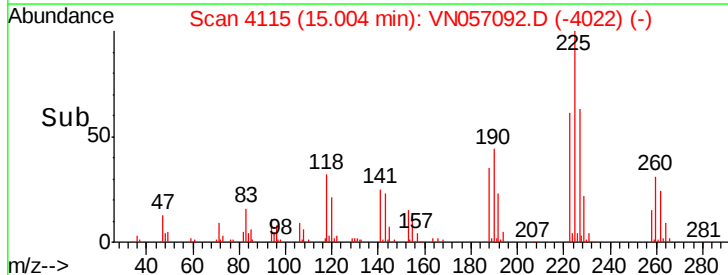
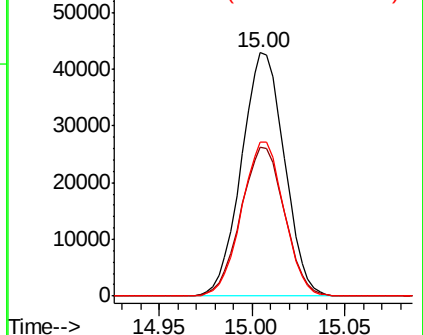


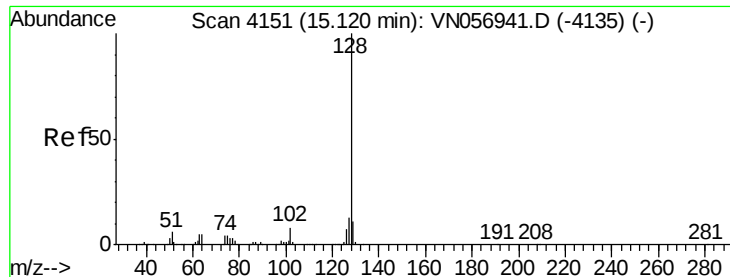
#94
 Hexachlorobutadiene
 Concen: 23.533 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. 0.00 min
 Lab File: VN057092.D
 Acq: 6 Aug 2019 10:51

Tgt Ion:225 Resp: 69103
 Ion Ratio Lower Upper
 225 100
 223 62.2 30.8 92.4
 227 62.3 31.1 93.5



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





#95

Naphthalene

Concen: 16.172 ug/l

RT: 15.12 min Scan# 4152

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

Instrument :

MSVOA_N

ClientSampled :

VN0806WBS01

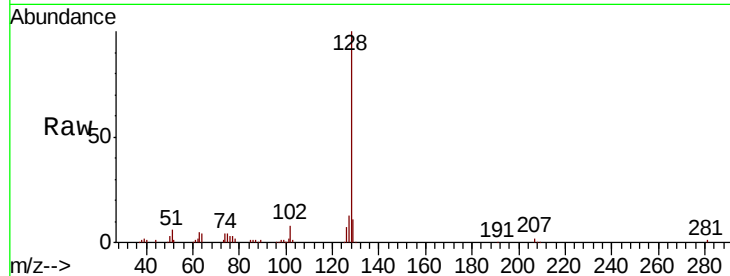
Tgt Ion:128 Resp: 133428

Ion Ratio Lower Upper

128 100

127 12.4 10.0 15.0

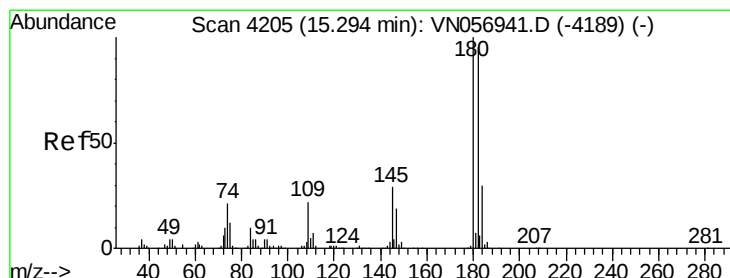
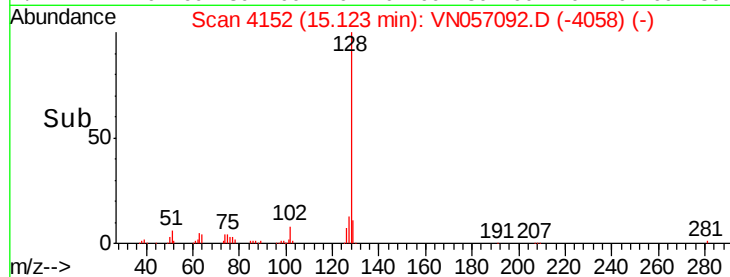
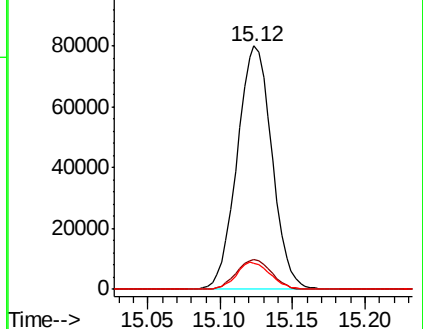
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.311 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. 0.00 min

Lab File: VN057092.D

Acq: 6 Aug 2019 10:51

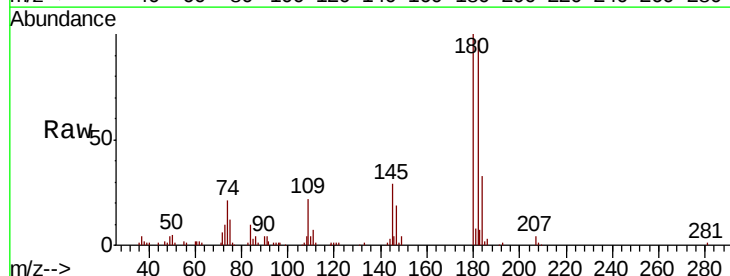
Tgt Ion:180 Resp: 64894

Ion Ratio Lower Upper

180 100

182 97.2 48.0 144.2

145 29.5 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

