

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN020320\
 Data File : VN059966.D
 Acq On : 3 Feb 2020 11:37
 Operator : JC/MD
 Sample : VN0203WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBS01

Quant Time: Feb 03 13:42:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	186213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	289804	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	265080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	126245	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	103169	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
35) Dibromofluoromethane	7.57	113	84132	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
50) Toluene-d8	10.08	98	319418	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
62) 4-Bromofluorobenzene	12.40	95	115325	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	37537	16.75	ug/l	99
3) Chloromethane	2.04	50	37884	17.77	ug/l	100
4) Vinyl Chloride	2.17	62	47846	19.61	ug/l	97
5) Bromomethane	2.55	94	28929	19.43	ug/l	98
6) Chloroethane	2.69	64	22502	19.50	ug/l	94
7) Trichlorofluoromethane	3.00	101	55903	19.08	ug/l	91
8) Diethyl Ether	3.39	74	20634	20.07	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.74	101	33532	20.57	ug/l	94
10) Methyl Iodide	3.93	142	41416	15.72	ug/l	95
11) Tert butyl alcohol	4.73	59	33487	96.19	ug/l #	82
12) 1,1-Dichloroethene	3.72	96	31526	18.50	ug/l	89
13) Acrolein	3.58	56	12042	48.87	ug/l	97
14) Allyl chloride	4.30	41	49126	21.39	ug/l #	94
15) Acrylonitrile	4.95	53	79130	99.65	ug/l	99
16) Acetone	3.78	43	96940	132.75	ug/l	91
17) Carbon Disulfide	4.03	76	77520	15.97	ug/l	100
18) Methyl Acetate	4.29	43	49450	20.47	ug/l	95
19) Methyl tert-butyl Ether	5.00	73	113200	20.38	ug/l	94
20) Methylene Chloride	4.53	84	36764	18.84	ug/l	89
21) trans-1,2-Dichloroethene	5.01	96	33896	18.72	ug/l	91
22) Diisopropyl ether	5.91	45	105080	20.19	ug/l	93
23) Vinyl Acetate	5.86	43	382368	94.90	ug/l	96
24) 1,1-Dichloroethane	5.82	63	63412	19.94	ug/l	98
25) 2-Butanone	6.80	43	115735	98.83	ug/l	93
26) 2,2-Dichloropropane	6.79	77	60562	19.81	ug/l	97
27) cis-1,2-Dichloroethene	6.80	96	41484	19.92	ug/l	91
28) Bromochloromethane	7.17	49	24591	19.35	ug/l #	75
29) Tetrahydrofuran	7.18	42	70008	96.62	ug/l	89
30) Chloroform	7.35	83	67889	20.61	ug/l	98
31) Cyclohexane	7.63	56	55080	18.00	ug/l	88
32) 1,1,1-Trichloroethane	7.54	97	60885	19.99	ug/l	97
36) 1,1-Dichloropropene	7.77	75	46861	18.57	ug/l	95
37) Ethyl Acetate	6.90	43	45694	19.30	ug/l	99
38) Carbon Tetrachloride	7.75	117	53690	19.56	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN020320\
 Data File : VN059966.D
 Acq On : 3 Feb 2020 11:37
 Operator : JC/MD
 Sample : VN0203WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBS01

Quant Time: Feb 03 13:42:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	56129	18.04	ug/l	93
40) Benzene	8.02	78	144530	19.20	ug/l	100
41) Methacrylonitrile	7.18	41	65044	55.79	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	53393	20.92	ug/l	98
43) Isopropyl Acetate	8.14	43	77797	19.11	ug/l	96
44) Trichloroethene	8.82	130	41973	20.43	ug/l	98
45) 1,2-Dichloropropane	9.10	63	37305	20.03	ug/l	98
46) Dibromomethane	9.19	93	26755	20.36	ug/l	93
47) Bromodichloromethane	9.39	83	54926	20.75	ug/l	98
48) Methyl methacrylate	9.18	41	33014	18.13	ug/l	90
49) 1,4-Dioxane	9.18	88	13015	390.39	ug/l	95
51) 4-Methyl-2-Pentanone	9.97	43	224894	95.56	ug/l	95
52) Toluene	10.14	92	93144	19.59	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	60061	20.32	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	63611	20.45	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	38115	20.24	ug/l	98
56) Ethyl methacrylate	10.42	69	53417	18.57	ug/l	93
57) 1,3-Dichloropropane	10.70	76	61668	20.63	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	86729	100.08	ug/l	92
59) 2-Hexanone	10.74	43	168193	97.00	ug/l	94
60) Dibromochloromethane	10.89	129	43718	20.39	ug/l	100
61) 1,2-Dibromoethane	10.99	107	39258	19.89	ug/l	99
64) Tetrachloroethene	10.62	164	46296	21.43	ug/l	97
65) Chlorobenzene	11.43	112	103329	19.83	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	40763	20.25	ug/l	97
67) Ethyl Benzene	11.51	91	182873	19.33	ug/l	99
68) m/p-Xylenes	11.62	106	136499	38.21	ug/l	96
69) o-Xylene	11.94	106	66877	19.12	ug/l	95
70) Styrene	11.96	104	108198	18.49	ug/l	97
71) Bromoform	12.12	173	31933	19.80	ug/l #	99
73) Isopropylbenzene	12.25	105	181270	19.58	ug/l	99
74) N-amyl acetate	12.07	43	64095	17.84	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	51937	19.35	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	70495	33.18	ug/l #	100
77) Bromobenzene	12.52	156	45667	19.48	ug/l	84
78) n-propylbenzene	12.59	91	202920	19.53	ug/l	98
79) 2-Chlorotoluene	12.67	91	119361	19.31	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	149707	19.23	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	18336	18.53	ug/l	95
82) 4-Chlorotoluene	12.77	91	122048	19.68	ug/l	97
83) tert-Butylbenzene	12.99	119	130617	19.40	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	148579	19.29	ug/l	97
85) sec-Butylbenzene	13.17	105	173350	19.59	ug/l	99
86) p-Isopropyltoluene	13.29	119	157203	19.20	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	80379	19.74	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	78610	19.35	ug/l	96
89) n-Butylbenzene	13.61	91	136206	19.51	ug/l	99
90) Hexachloroethane	13.87	117	29033	18.95	ug/l	91
91) 1,2-Dichlorobenzene	13.65	146	79433	19.73	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11324	18.33	ug/l	92

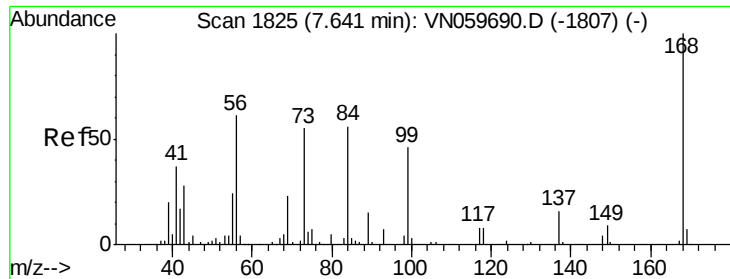
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN020320\
Data File : VN059966.D
Acq On : 3 Feb 2020 11:37
Operator : JC/MD
Sample : VN0203WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01

Quant Time: Feb 03 13:42:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	46697	19.30	ug/l	99
94) Hexachlorobutadiene	15.01	225	26074	19.56	ug/l	98
95) Naphthalene	15.13	128	124130	18.04	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	45940	19.51	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

Instrument :

MSVOA_N

ClientSampleId :

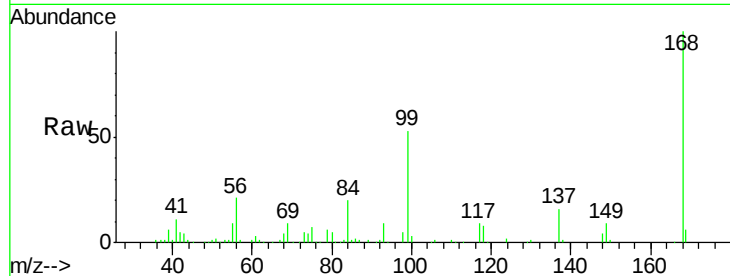
VN0203WBS01

Tgt Ion:168 Resp: 186213

Ion Ratio Lower Upper

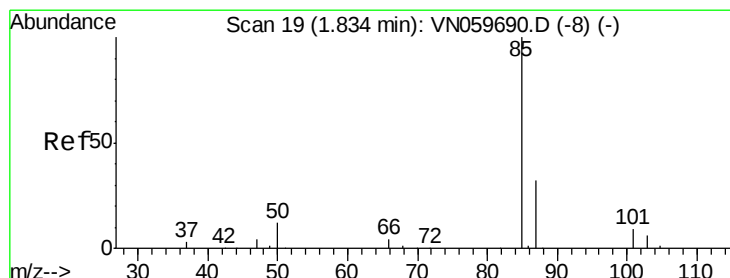
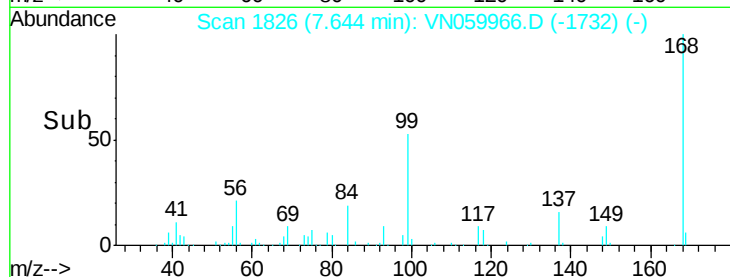
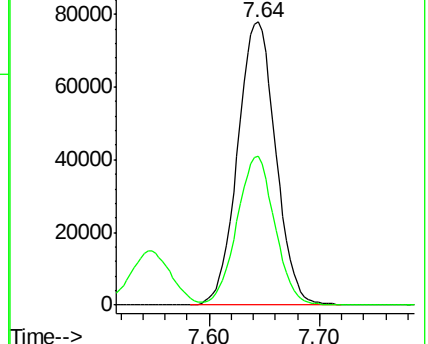
168 100

99 52.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 16.75 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059966.D

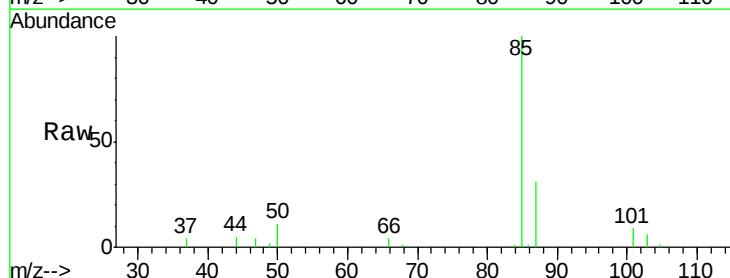
Acq: 3 Feb 2020 11:37

Tgt Ion: 85 Resp: 37537

Ion Ratio Lower Upper

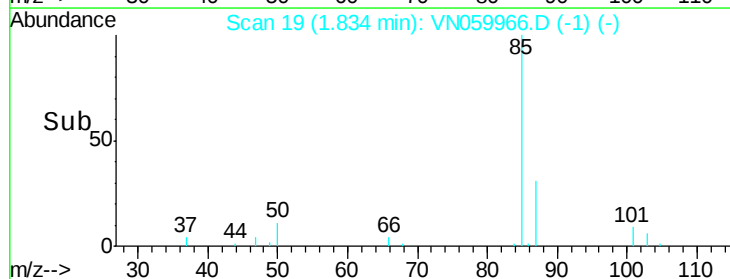
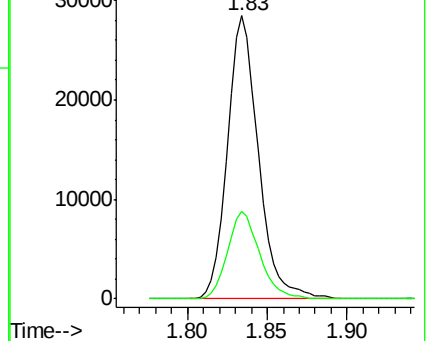
85 100

87 31.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 17.77 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

Instrument :

MSVOA_N

ClientSampleId :

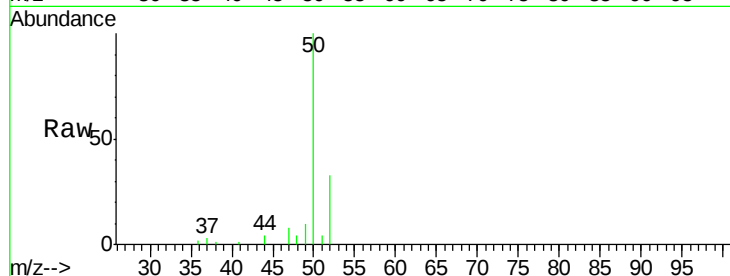
VN0203WBS01

Tgt Ion: 50 Resp: 37884

Ion Ratio Lower Upper

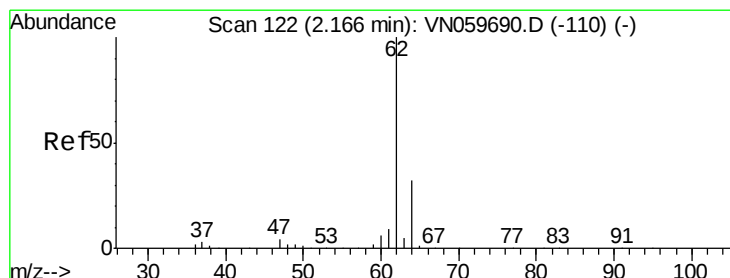
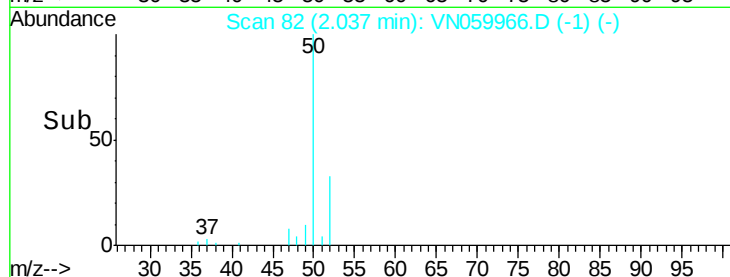
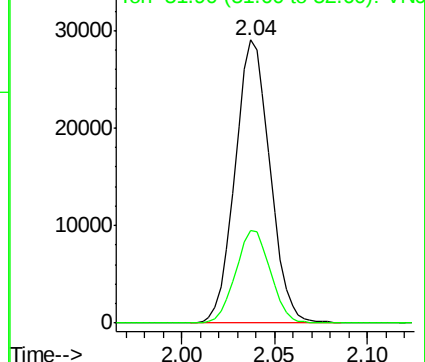
50 100

52 32.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.61 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059966.D

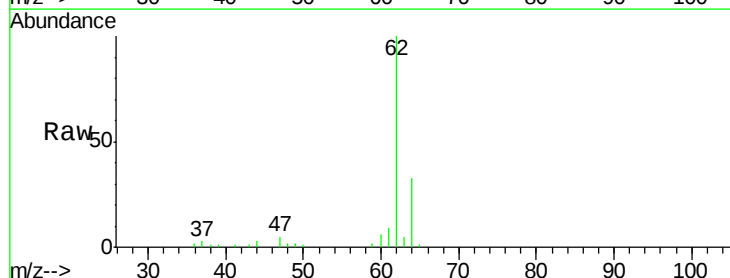
Acq: 3 Feb 2020 11:37

Tgt Ion: 62 Resp: 47846

Ion Ratio Lower Upper

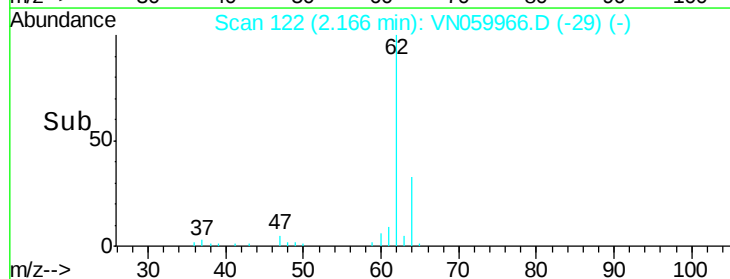
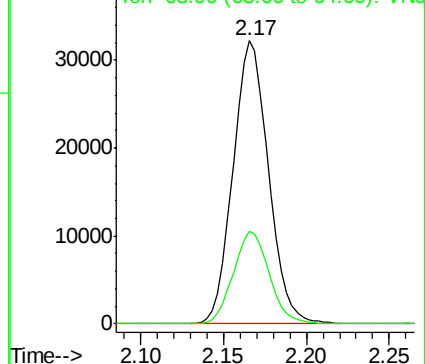
62 100

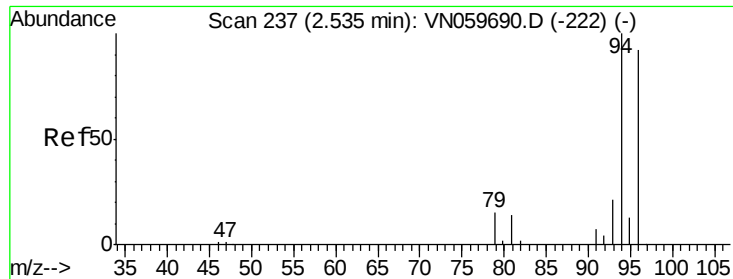
64 32.6 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 19.43 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

Instrument :

MSVOA_N

ClientSampleId :

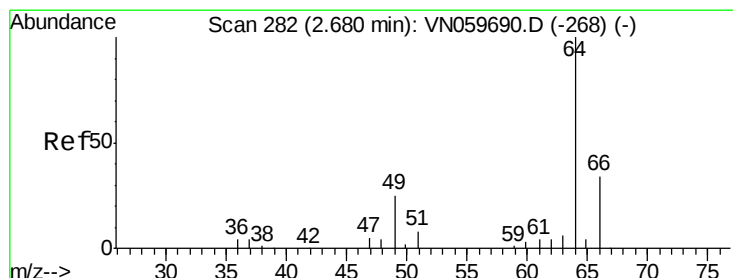
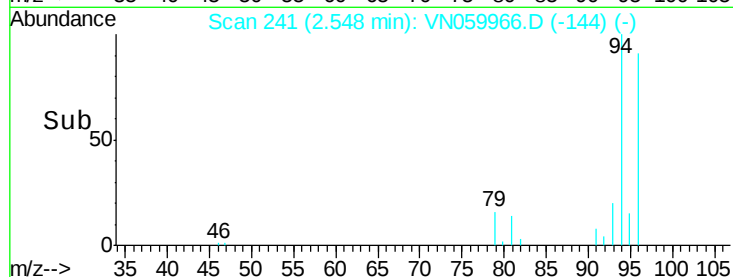
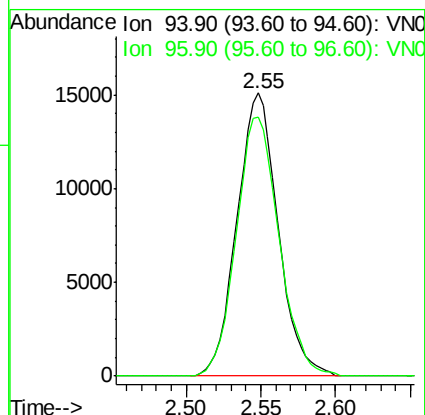
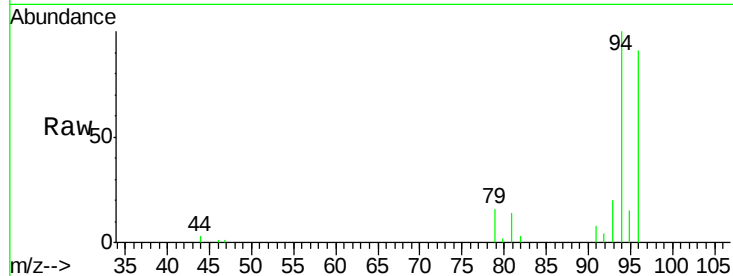
VN0203WBS01

Tgt Ion: 94 Resp: 28929

Ion Ratio Lower Upper

94 100

96 91.5 74.7 112.1



#6

Chloroethane

Concen: 19.50 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.01 min

Lab File: VN059966.D

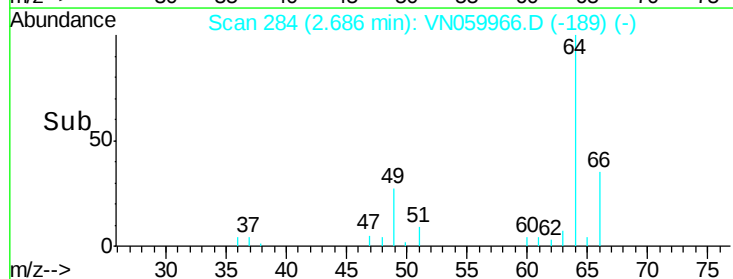
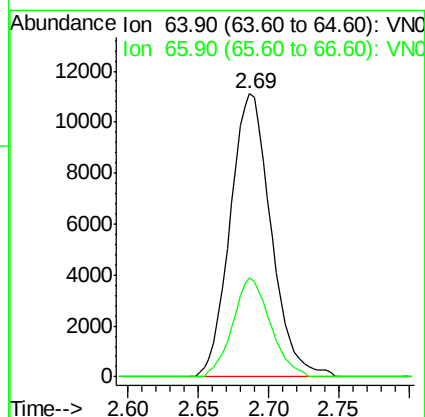
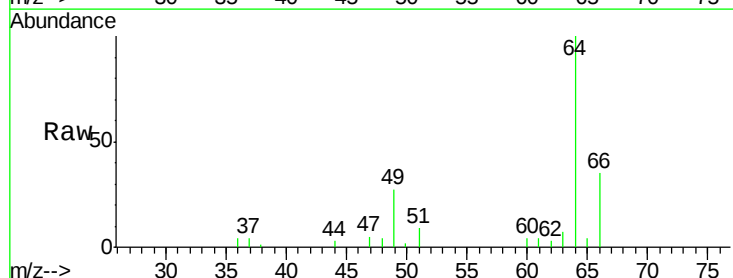
Acq: 3 Feb 2020 11:37

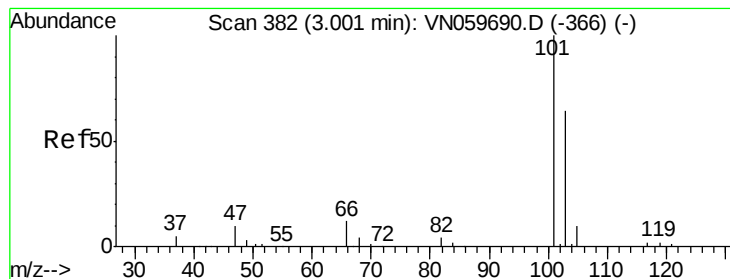
Tgt Ion: 64 Resp: 22502

Ion Ratio Lower Upper

64 100

66 34.8 25.1 37.7



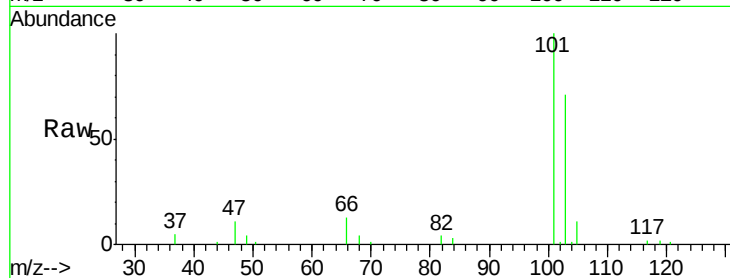


#7

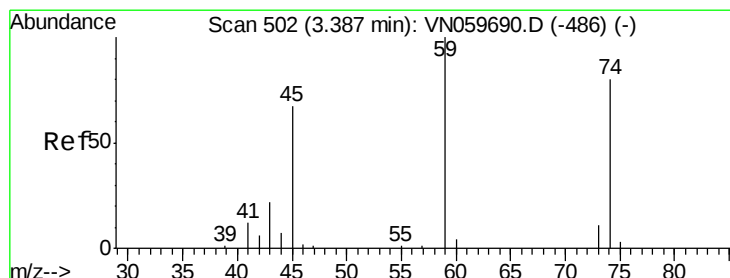
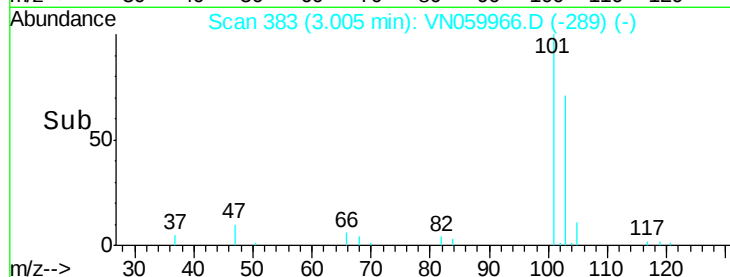
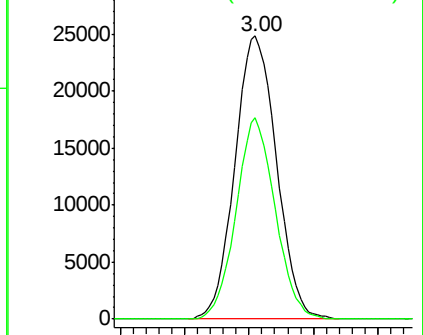
Trichlorofluoromethane
Concen: 19.08 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN059966.D
Acq: 3 Feb 2020 11:37

Instrument :
MSVOA_N
ClientSampled :
VN0203WBS01

Tgt Ion: 101 Resp: 55903
Ion Ratio Lower Upper
101 100
103 71.0 51.0 76.6



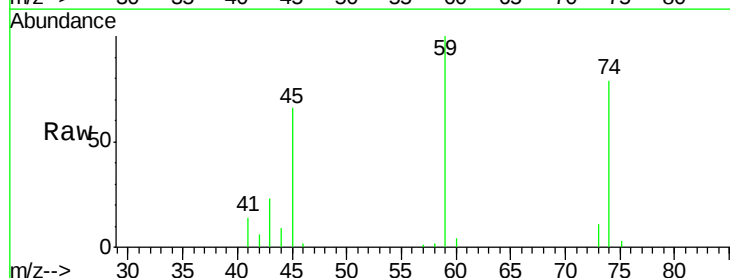
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



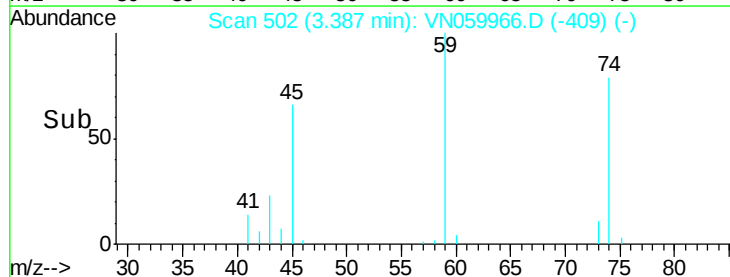
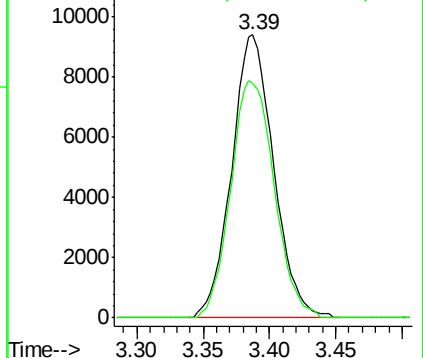
#8

Diethyl Ether
Concen: 20.07 ug/l
RT: 3.39 min Scan# 502
Delta R.T. 0.00 min
Lab File: VN059966.D
Acq: 3 Feb 2020 11:37

Tgt Ion: 74 Resp: 20634
Ion Ratio Lower Upper
74 100
45 87.1 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO

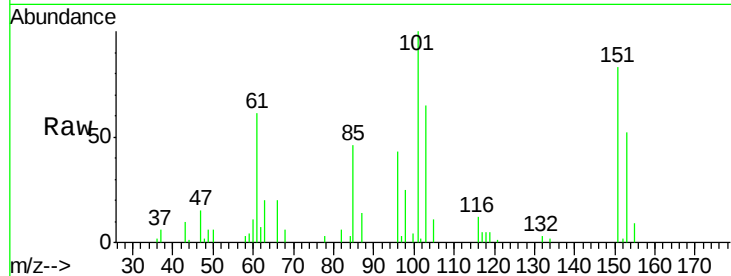




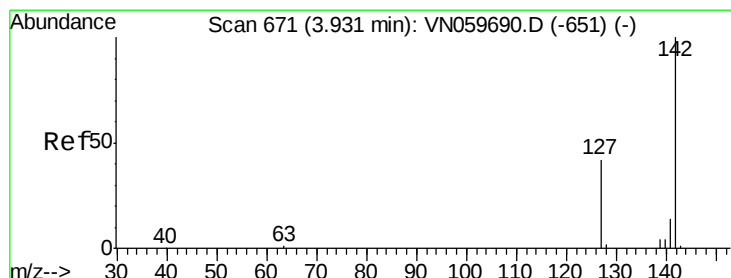
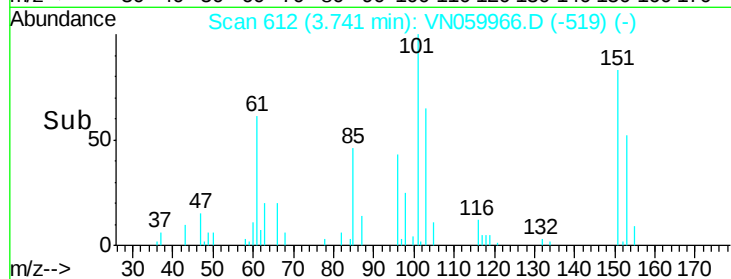
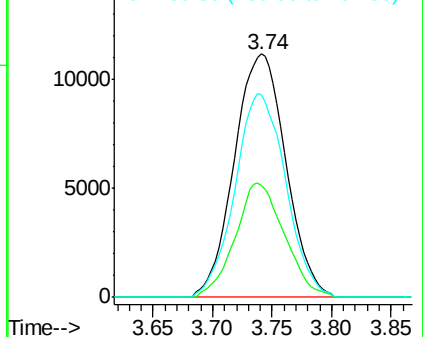
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.57 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VN059966.D
 Acq: 3 Feb 2020 11:37

Instrument :
 MSVOA_N
 ClientSampled :
 VN0203WBS01

Tgt Ion:101 Resp: 33532
 Ion Ratio Lower Upper
 101 100
 85 44.7 36.6 54.8
 151 82.3 59.7 89.5

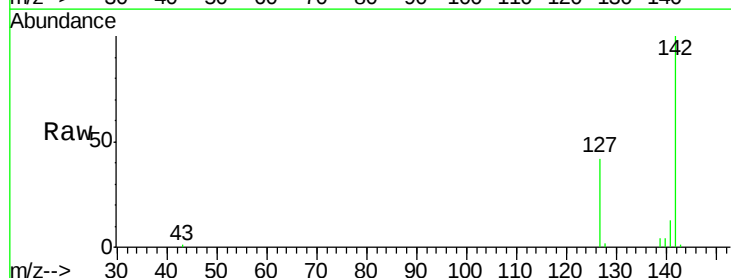


Abundance Ion 100.90 (100.60 to 101.60): V
 15000 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

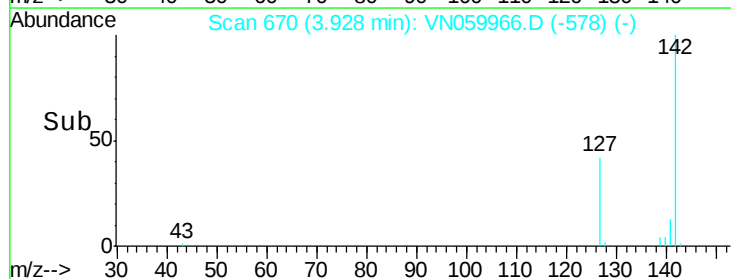
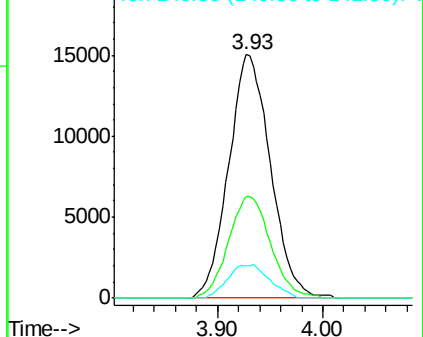


#10
 Methyl Iodide
 Concen: 15.72 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: VN059966.D
 Acq: 3 Feb 2020 11:37

Tgt Ion:142 Resp: 41416
 Ion Ratio Lower Upper
 142 100
 127 42.0 36.7 55.1
 141 13.7 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V
 20000 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V

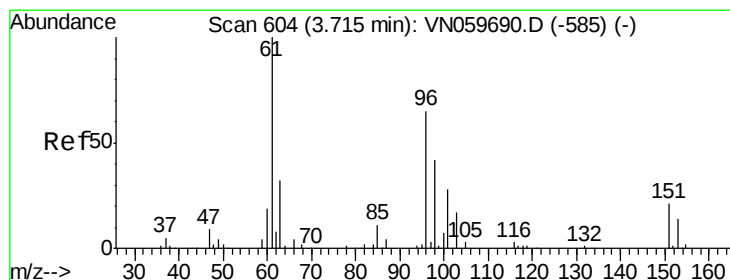
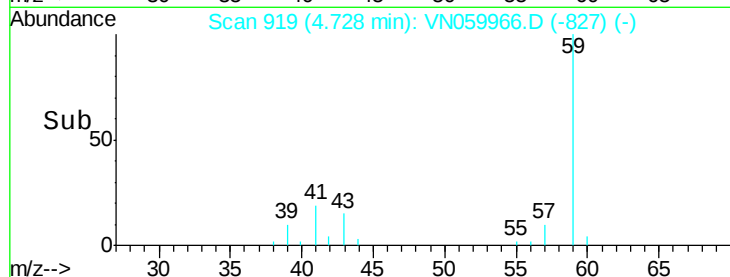
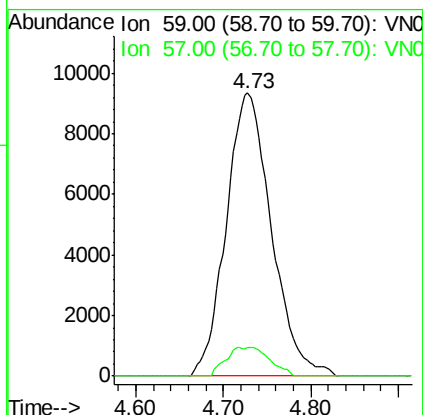
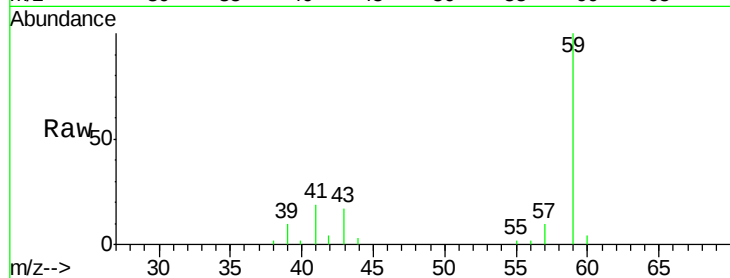




#11
Tert butyl alcohol
Concen: 96.19 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN059966.D
Acq: 3 Feb 2020 11:37

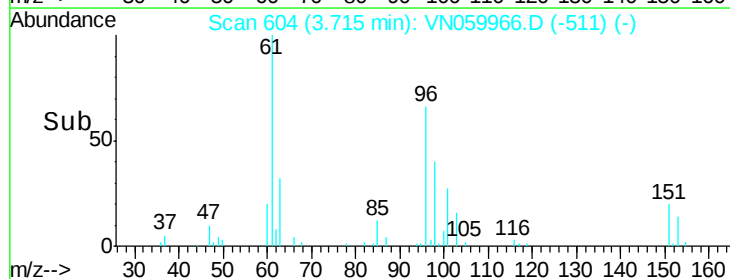
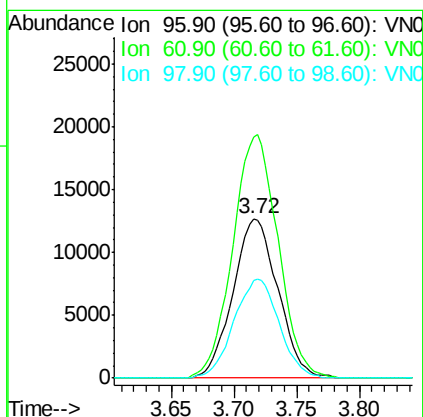
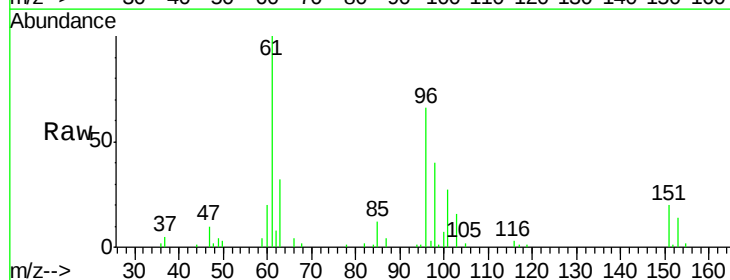
Instrument :
MSVOA_N
ClientSampled :
VN0203WBS01

Tgt Ion: 59 Resp: 33487
Ion Ratio Lower Upper
59 100
57 3.9 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 18.50 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059966.D
Acq: 3 Feb 2020 11:37

Tgt Ion: 96 Resp: 31526
Ion Ratio Lower Upper
96 100
61 151.6 137.5 206.3
98 61.0 50.2 75.4





#13

Acrolein

Concen: 48.87 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.01 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

Instrument :

MSVOA_N

ClientSampleId :

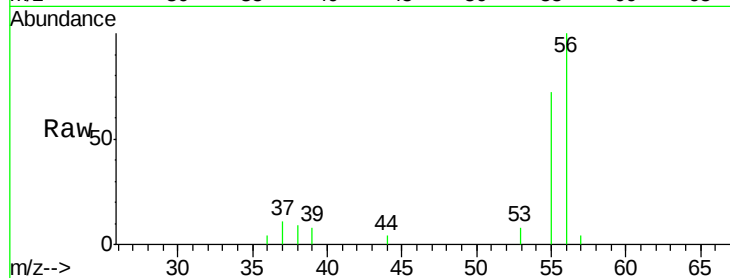
VN0203WBS01

Tgt Ion: 56 Resp: 12042

Ion Ratio Lower Upper

56 100

55 70.8 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.58

5000

4000

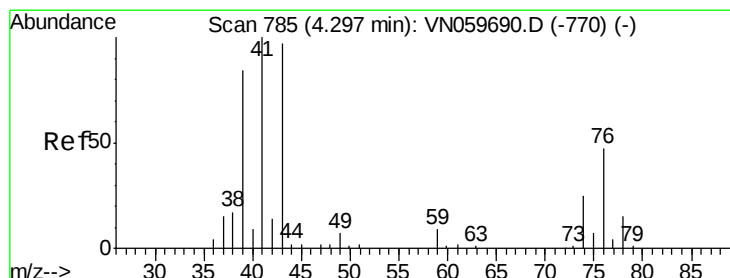
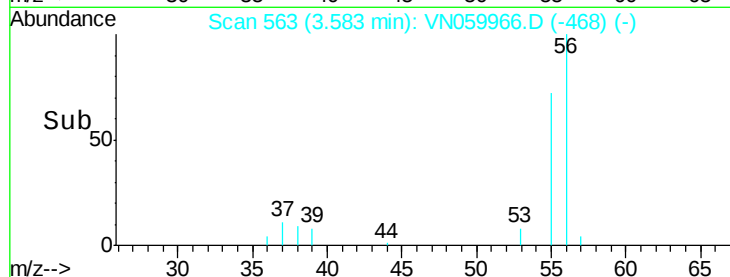
3000

2000

1000

0

Time-->



#14

Allyl chloride

Concen: 21.39 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

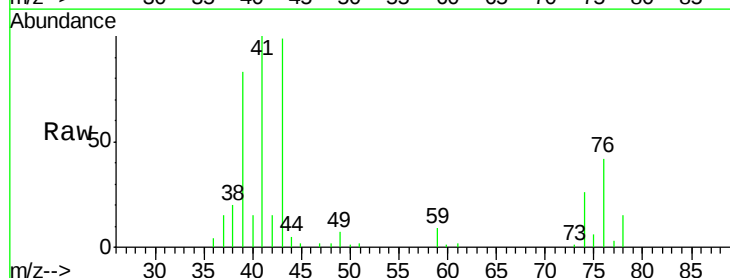
Tgt Ion: 41 Resp: 49126

Ion Ratio Lower Upper

41 100

39 75.4 57.8 86.8

76 38.2 25.4 38.0#



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

4.30

20000

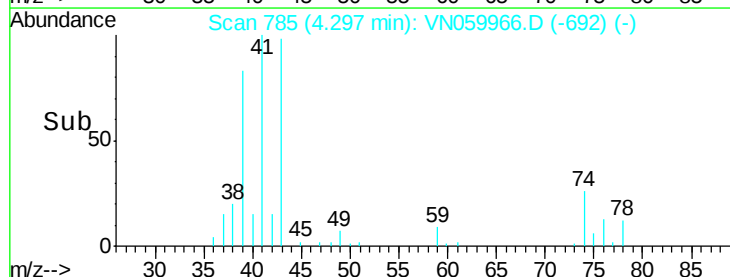
15000

10000

5000

0

Time-->

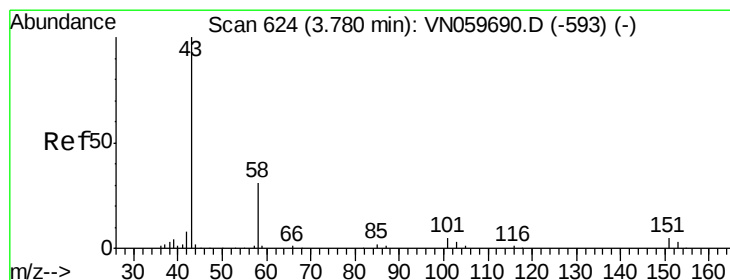
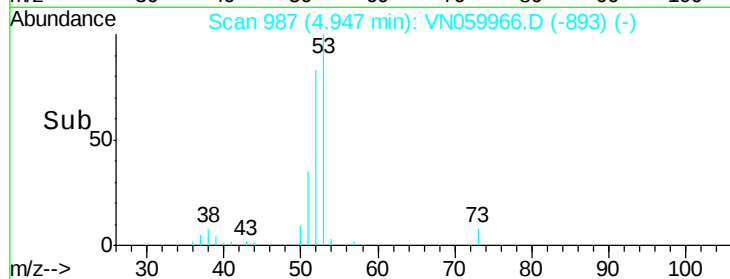
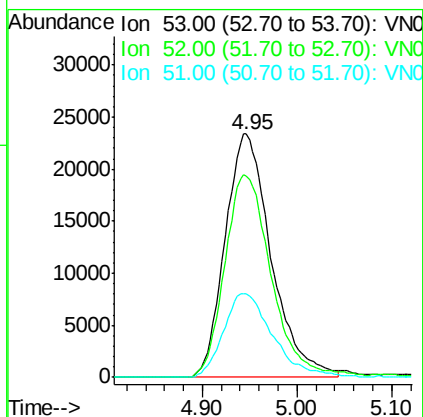
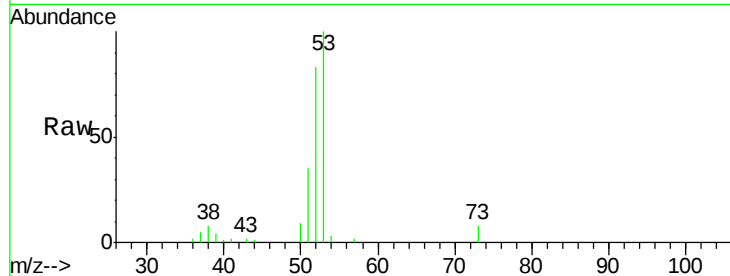




#15
 Acrylonitrile
 Concen: 99.65 ug/l
 RT: 4.95 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: VN059966.D
 Acq: 3 Feb 2020 11:37

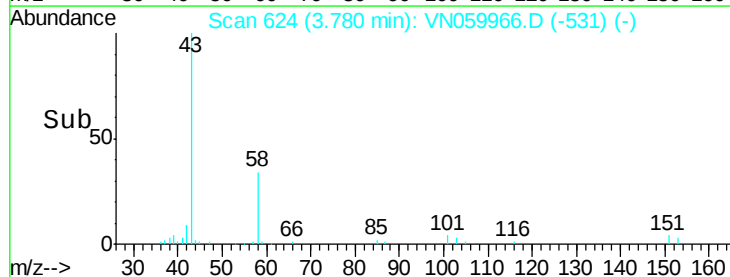
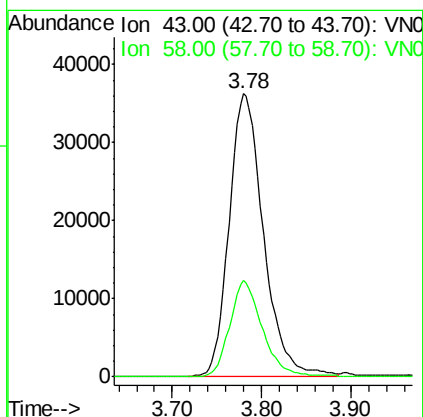
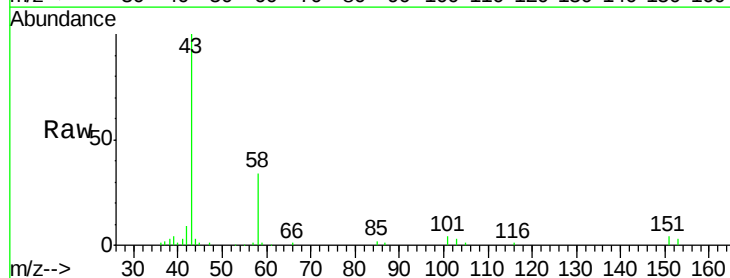
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBS01

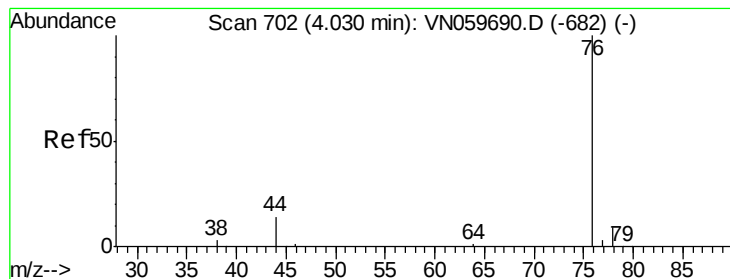
Tgt Ion: 53 Resp: 79130
 Ion Ratio Lower Upper
 53 100
 52 83.8 66.3 99.5
 51 36.9 29.7 44.5



#16
 Acetone
 Concen: 132.75 ug/l
 RT: 3.78 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: VN059966.D
 Acq: 3 Feb 2020 11:37

Tgt Ion: 43 Resp: 96940
 Ion Ratio Lower Upper
 43 100
 58 34.2 23.6 35.4





#17

Carbon Disulfide

Concen: 15.97 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

Instrument :

MSVOA_N

ClientSampleId :

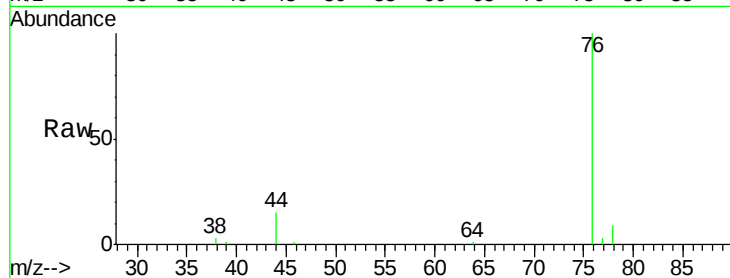
VN0203WBS01

Tgt Ion: 76 Resp: 77520

Ion Ratio Lower Upper

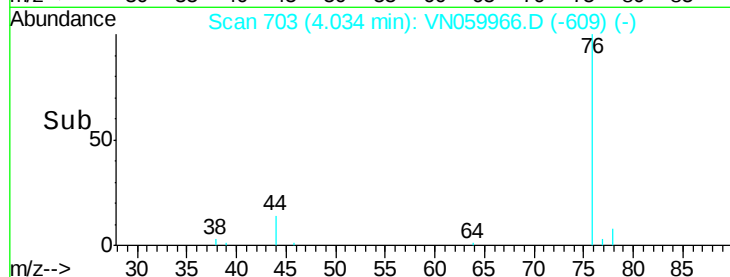
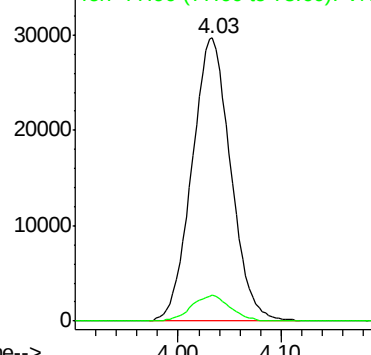
76 100

78 9.0 7.4 11.0

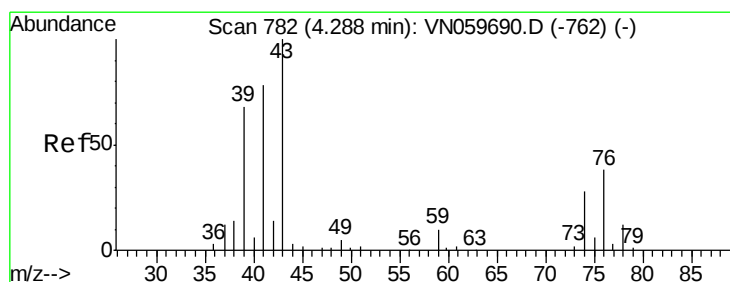


Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



Time-->



#18

Methyl Acetate

Concen: 20.47 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.00 min

Lab File: VN059966.D

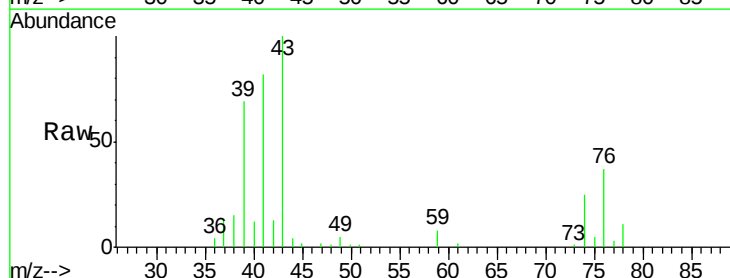
Acq: 3 Feb 2020 11:37

Tgt Ion: 43 Resp: 49450

Ion Ratio Lower Upper

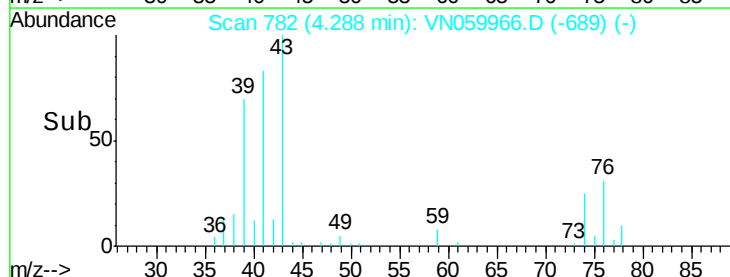
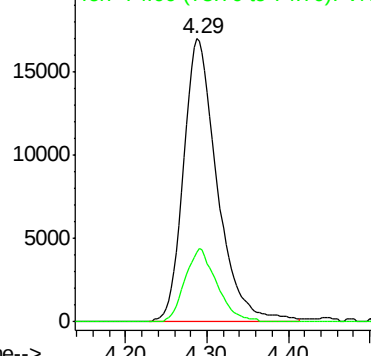
43 100

74 24.4 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



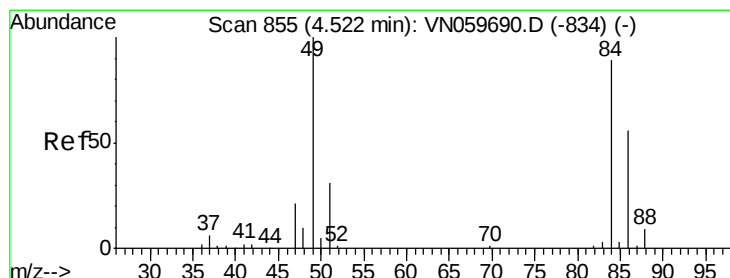
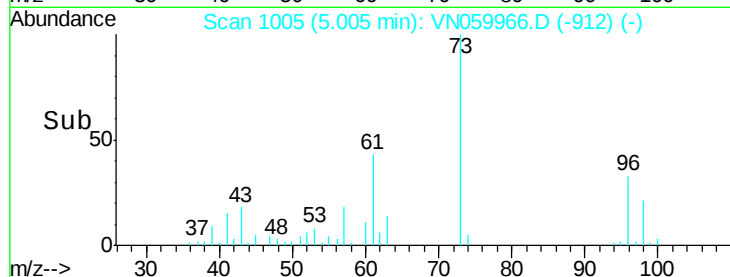
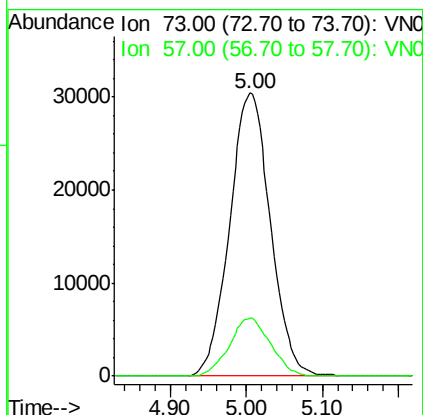
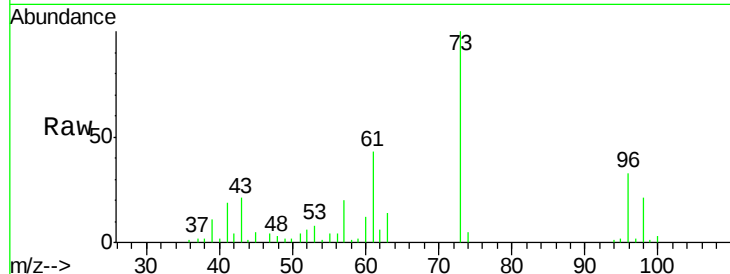
Time-->



#19
Methyl tert-butyl Ether
Concen: 20.38 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN059966.D
Acq: 3 Feb 2020 11:37

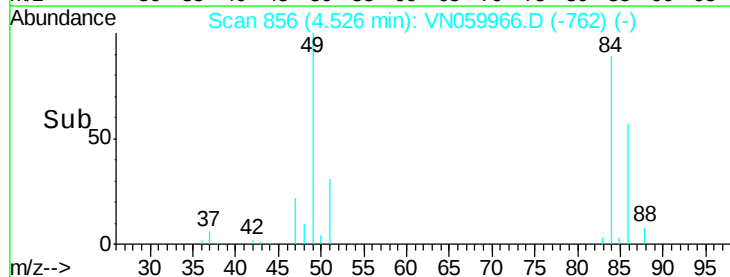
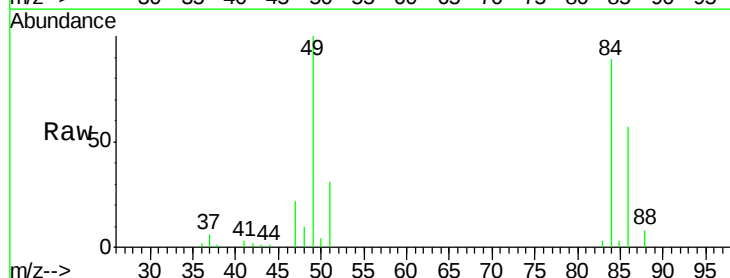
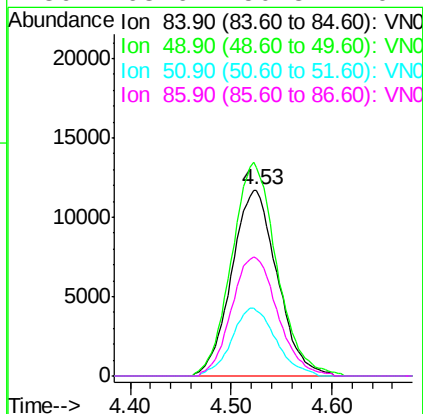
Instrument :
MSVOA_N
ClientSampled :
VN0203WBS01

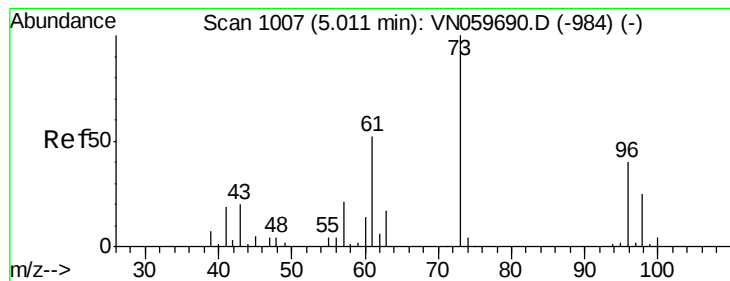
Tgt Ion: 73 Resp: 113200
Ion Ratio Lower Upper
73 100
57 20.3 18.6 27.8



#20
Methylene Chloride
Concen: 18.84 ug/l
RT: 4.53 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059966.D
Acq: 3 Feb 2020 11:37

Tgt Ion: 84 Resp: 36764
Ion Ratio Lower Upper
84 100
49 112.3 106.6 160.0
51 35.2 31.9 47.9
86 63.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 18.72 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBS01

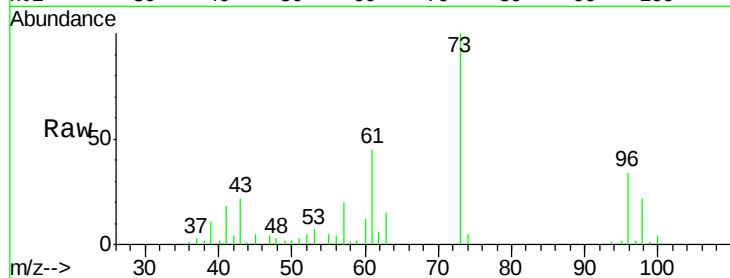
Tgt Ion: 96 Resp: 33896

Ion Ratio Lower Upper

96 100

61 133.9 120.4 180.6

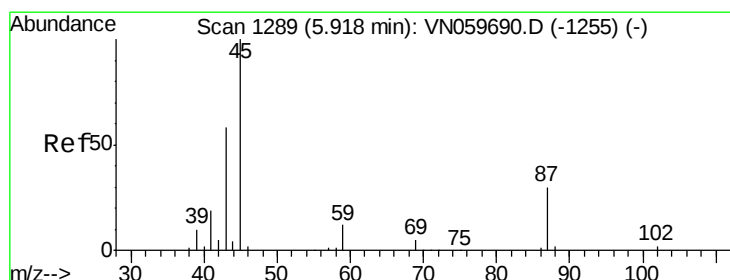
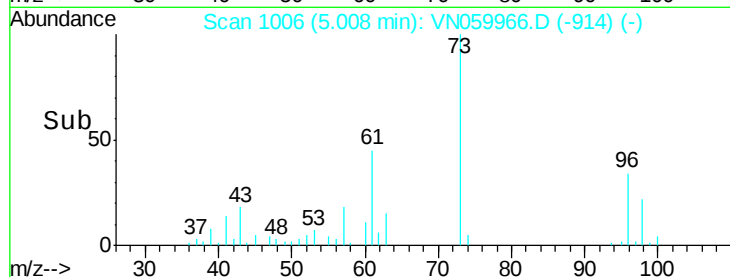
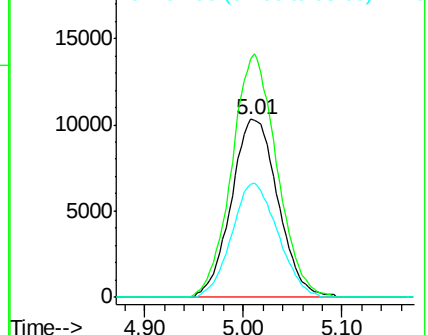
98 63.8 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.19 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

Tgt Ion: 45 Resp: 105080

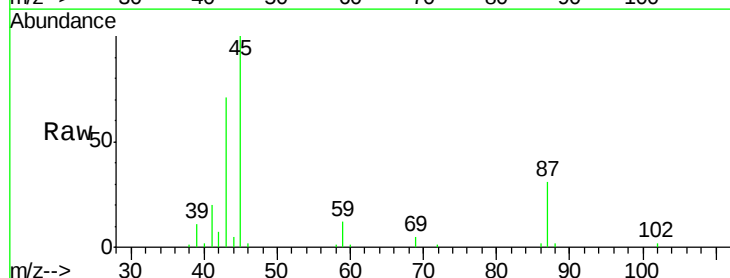
Ion Ratio Lower Upper

45 100

43 69.3 50.8 76.2

87 31.1 21.0 31.6

59 12.1 9.1 13.7

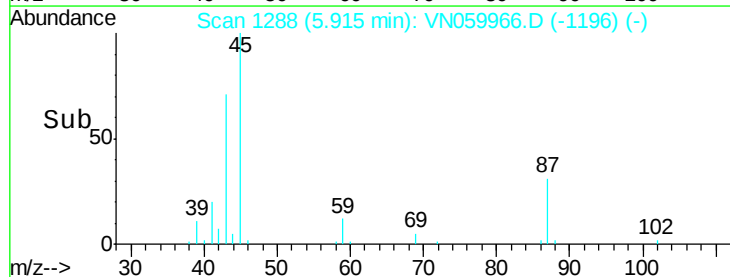
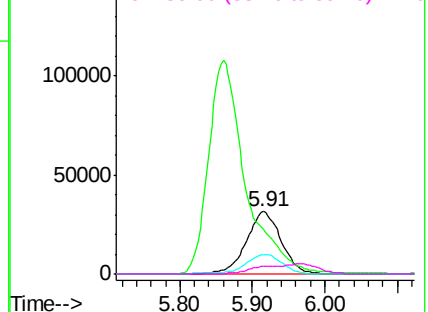


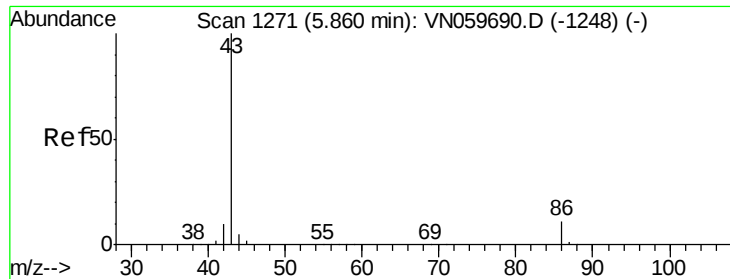
Abundance Ion 45.00 (44.70 to 45.70): VN0

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

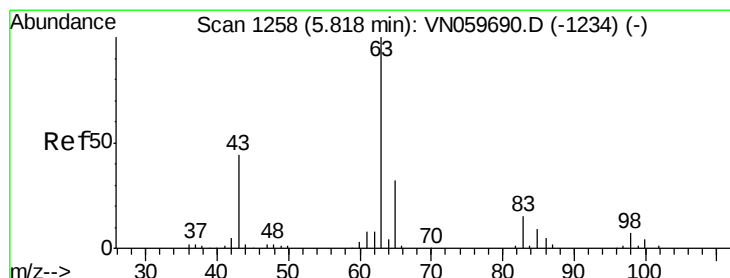
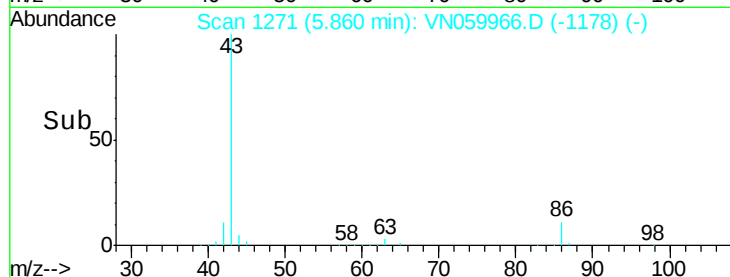
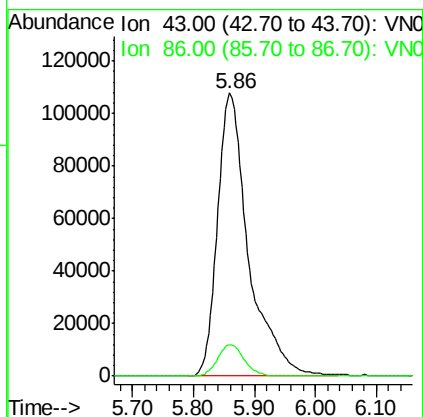
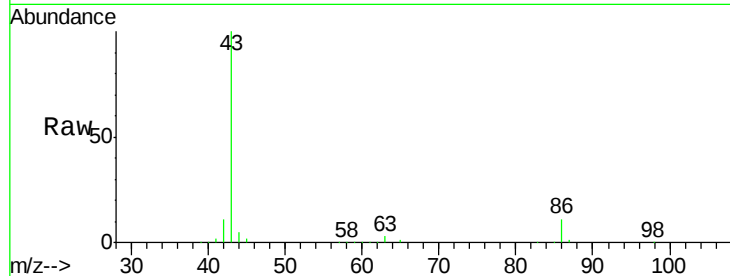




#23
 Vinyl Acetate
 Concen: 94.90 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN059966.D
 Acq: 3 Feb 2020 11:37

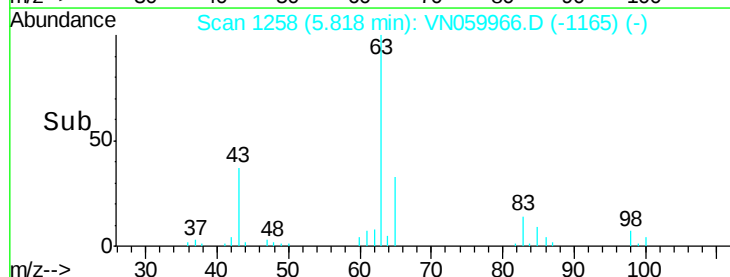
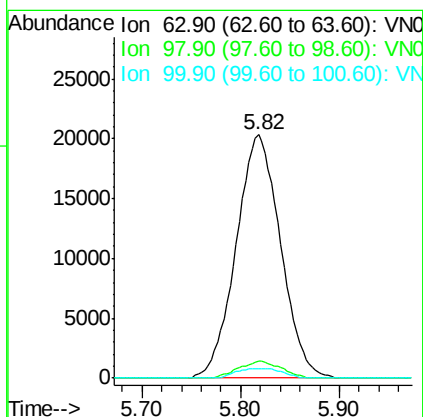
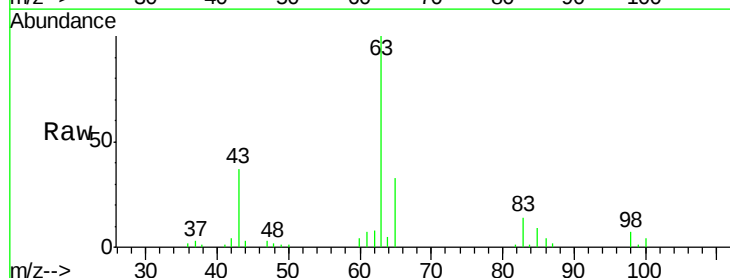
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBS01

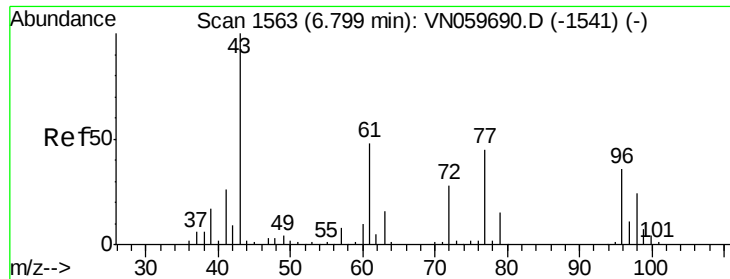
Tgt Ion: 43 Resp: 382368
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 19.94 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: VN059966.D
 Acq: 3 Feb 2020 11:37

Tgt Ion: 63 Resp: 63412
 Ion Ratio Lower Upper
 63 100
 98 6.8 2.9 8.7
 100 4.0 2.0 6.0





#25

2-Butanone

Concen: 98.83 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

Instrument :

MSVOA_N

ClientSampleId :

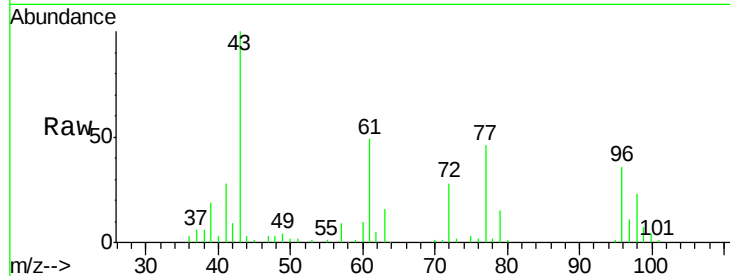
VN0203WBS01

Tgt Ion: 43 Resp: 115735

Ion Ratio Lower Upper

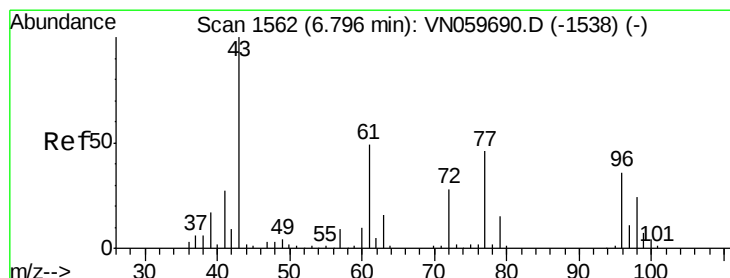
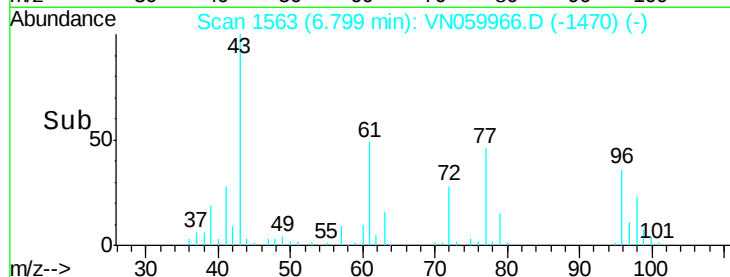
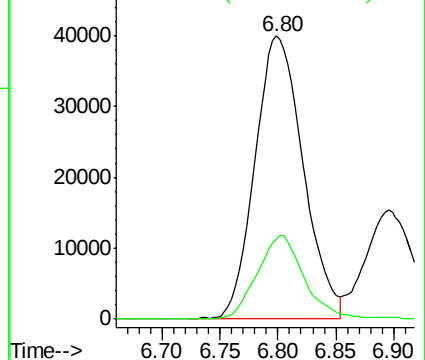
43 100

72 28.4 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 19.81 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059966.D

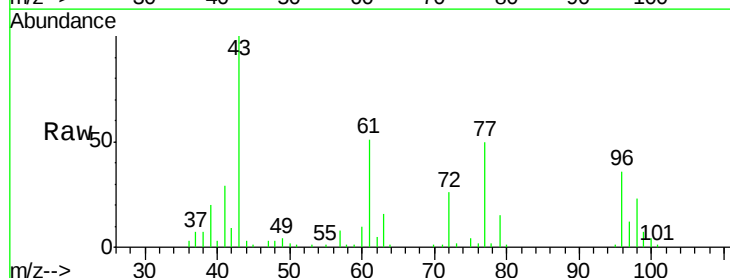
Acq: 3 Feb 2020 11:37

Tgt Ion: 77 Resp: 60562

Ion Ratio Lower Upper

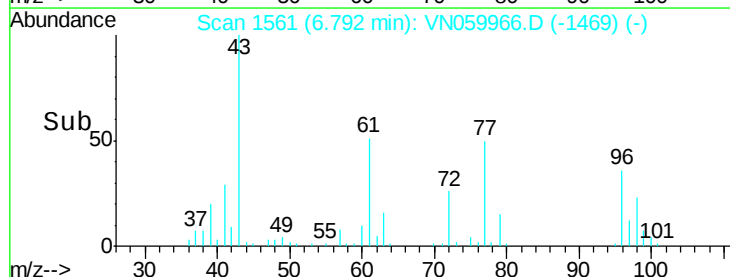
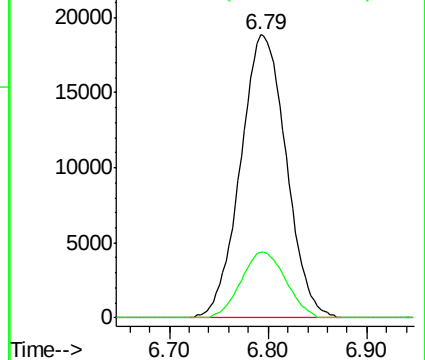
77 100

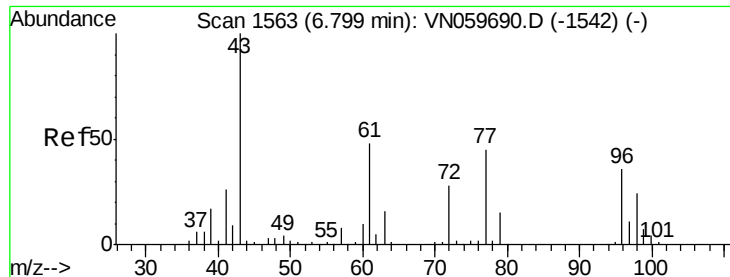
97 22.7 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 19.92 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

Instrument :

MSVOA_N

ClientSampled :

VN0203WBS01

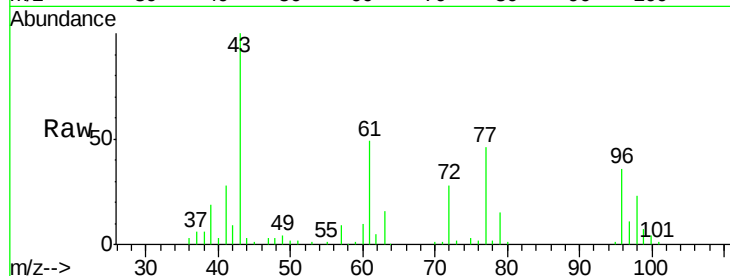
Tgt Ion: 96 Resp: 41484

Ion Ratio Lower Upper

96 100

61 142.3 0.0 317.6

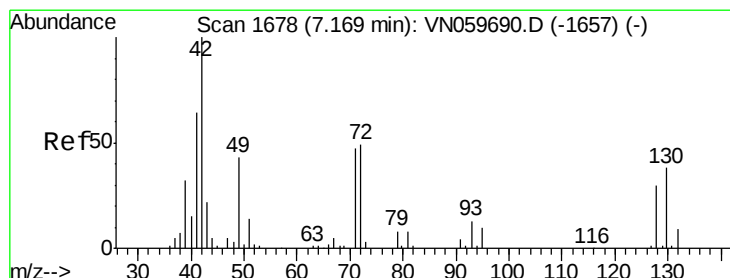
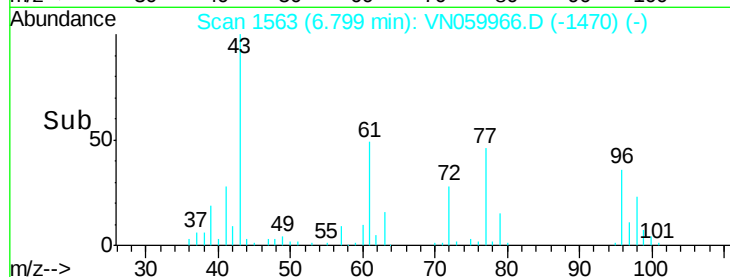
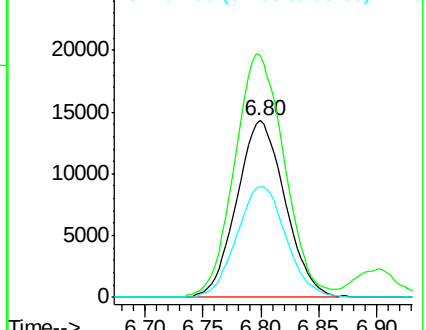
98 63.9 0.0 127.0



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: 19.35 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

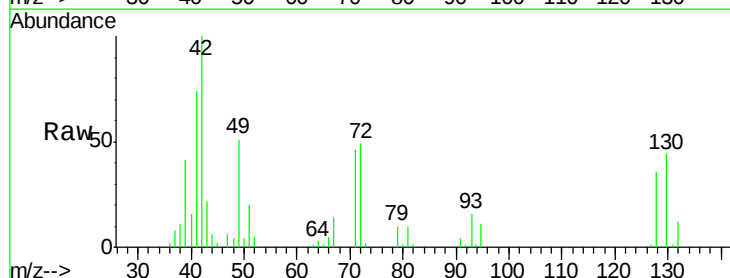
Tgt Ion: 49 Resp: 24591

Ion Ratio Lower Upper

49 100

129 0.3 0.0 3.4

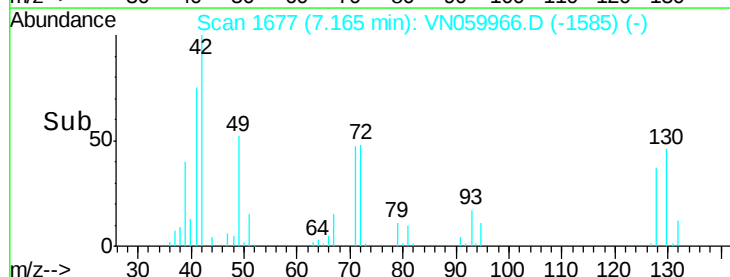
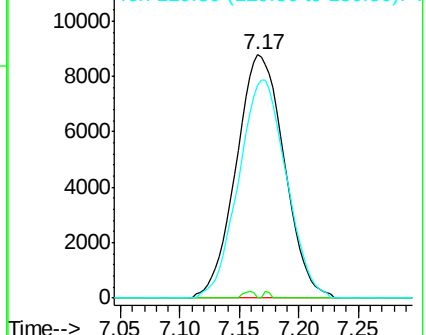
130 88.7 54.7 82.1#

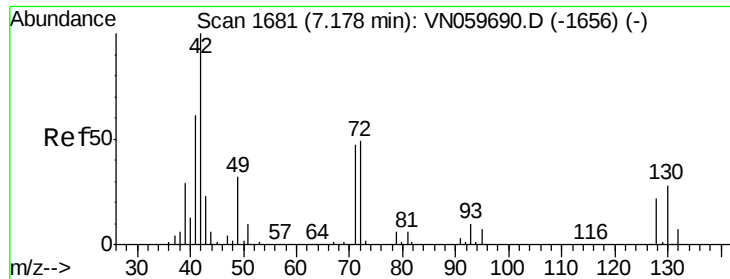


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

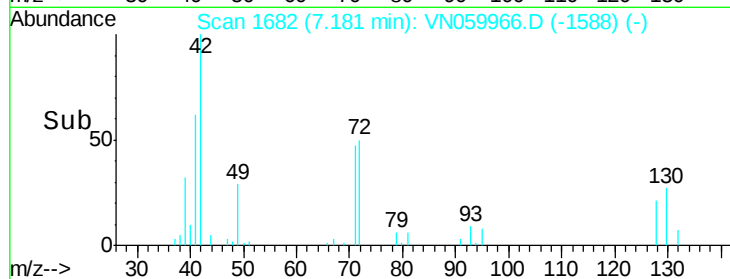
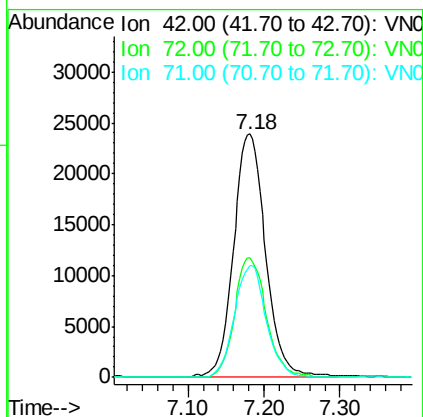
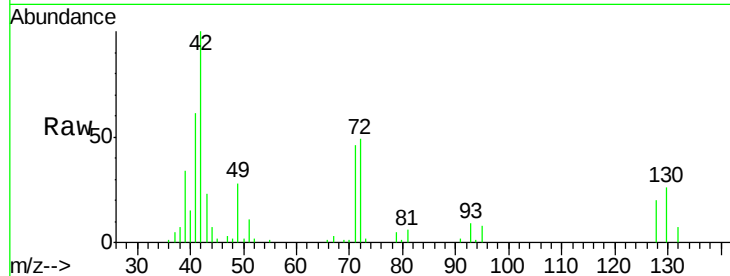




#29
Tetrahydrofuran
Concen: 96.62 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN059966.D
Acq: 3 Feb 2020 11:37

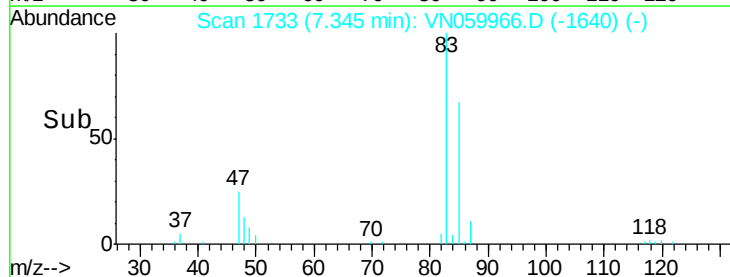
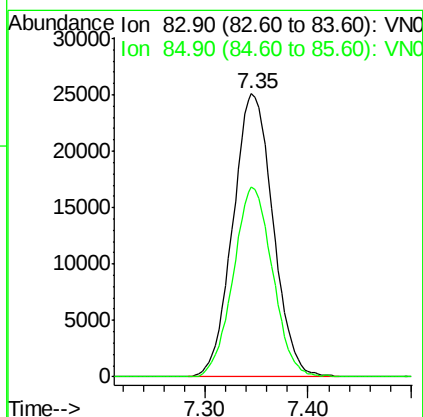
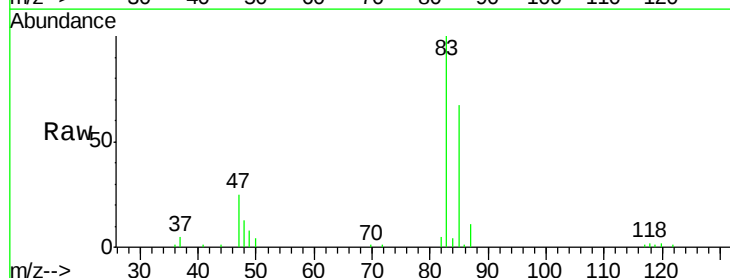
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01

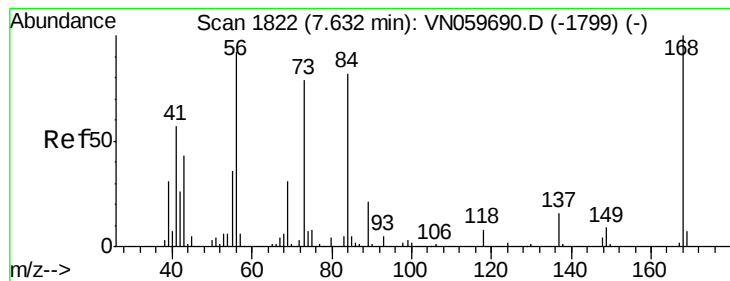
Tgt Ion: 42 Resp: 70008
Ion Ratio Lower Upper
42 100
72 48.4 33.1 49.7
71 45.5 31.4 47.0



#30
Chloroform
Concen: 20.61 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059966.D
Acq: 3 Feb 2020 11:37

Tgt Ion: 83 Resp: 67889
Ion Ratio Lower Upper
83 100
85 67.3 52.4 78.6





#31

Cyclohexane

Concen: 18.00 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

Instrument :

MSVOA_N

ClientSampled :

VN0203WBS01

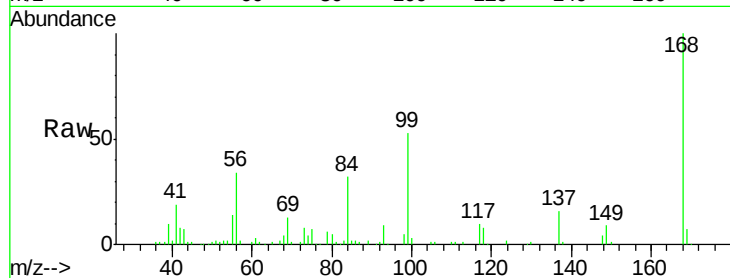
Tgt Ion: 56 Resp: 55080

Ion Ratio Lower Upper

56 100

69 38.9 26.5 39.7

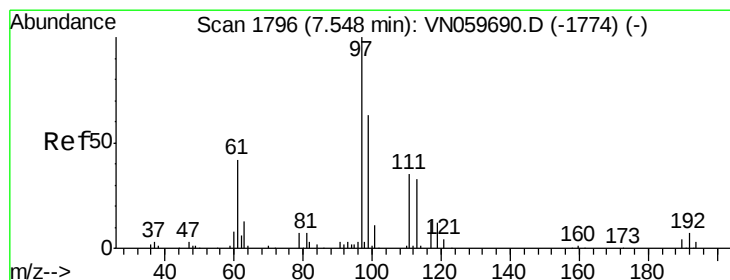
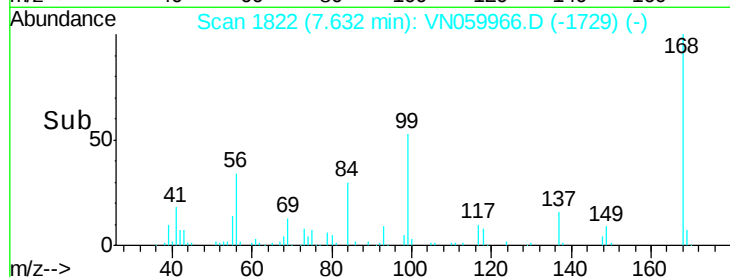
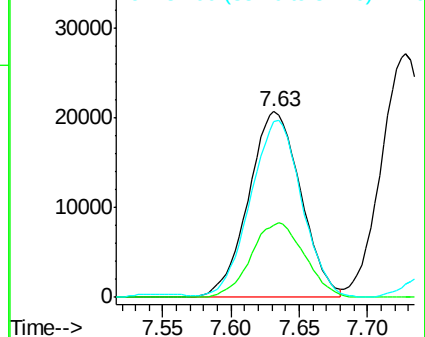
84 93.5 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.99 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

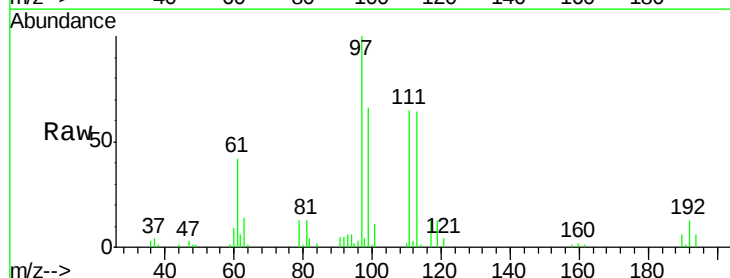
Tgt Ion: 97 Resp: 60885

Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.4

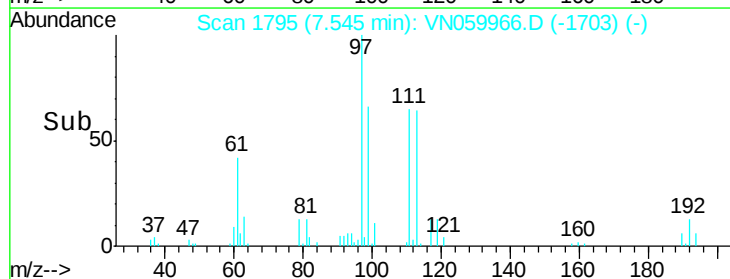
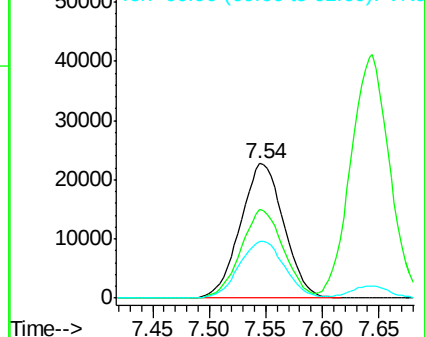
61 43.9 38.5 57.7



Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

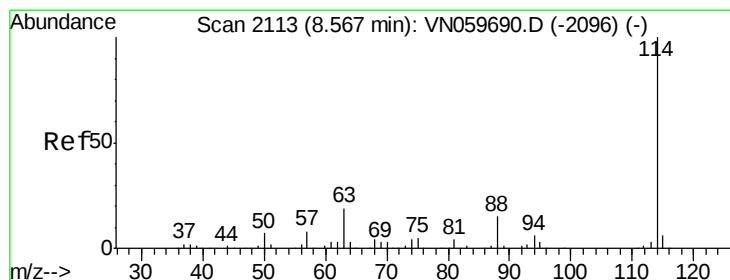
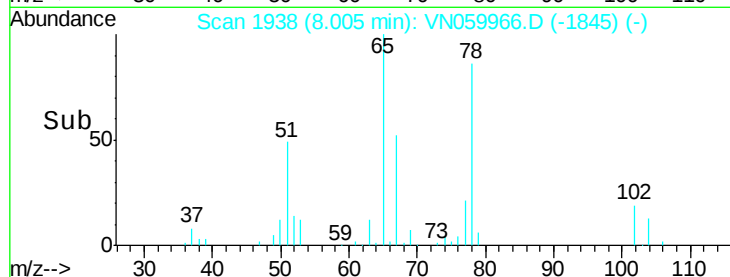
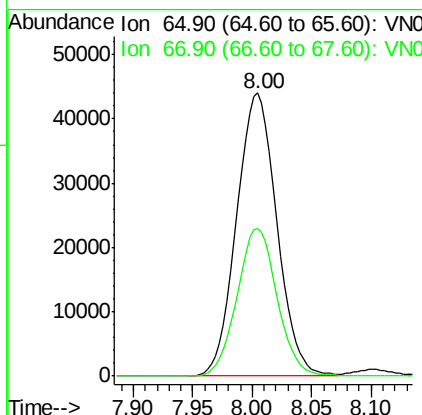
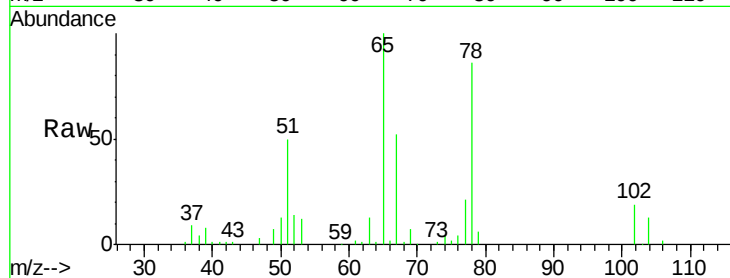




#33
 1,2-Dichloroethane-d4
 Concen: 49.89 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059966.D
 Acq: 3 Feb 2020 11:37

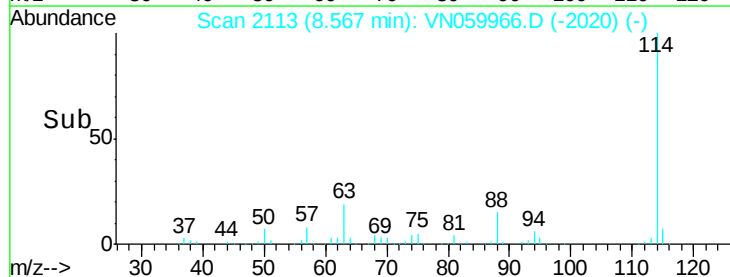
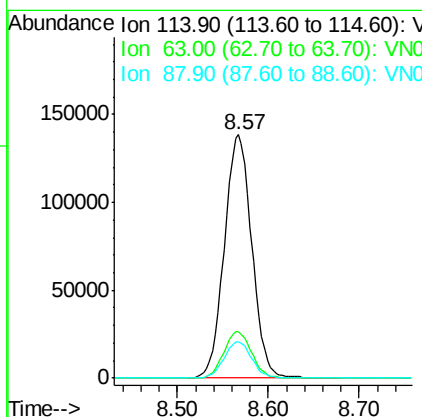
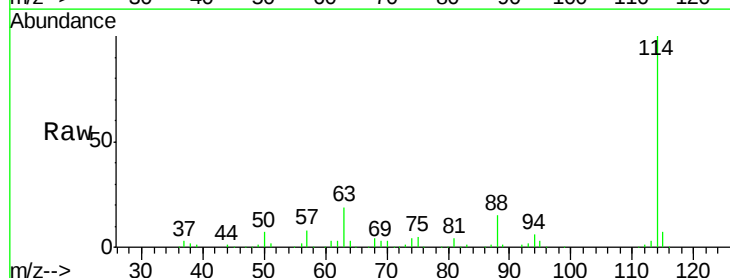
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBS01

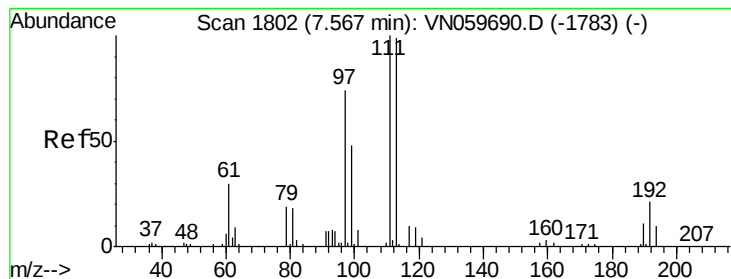
Tgt Ion: 65 Resp: 103169
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059966.D
 Acq: 3 Feb 2020 11:37

Tgt Ion: 114 Resp: 289804
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 43.6
 88 15.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.68 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBS01

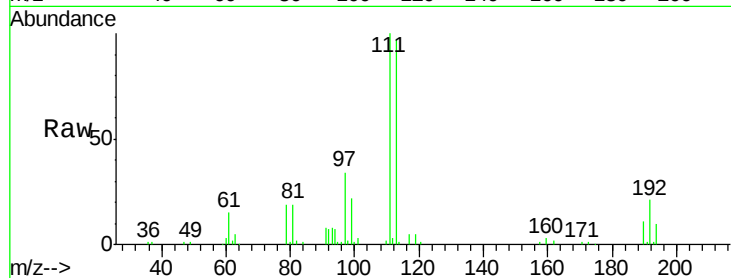
Tgt Ion:113 Resp: 84132

Ion Ratio Lower Upper

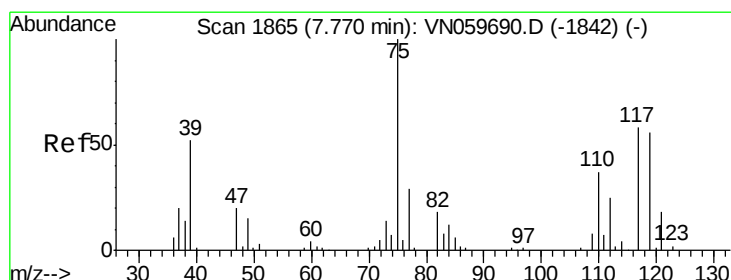
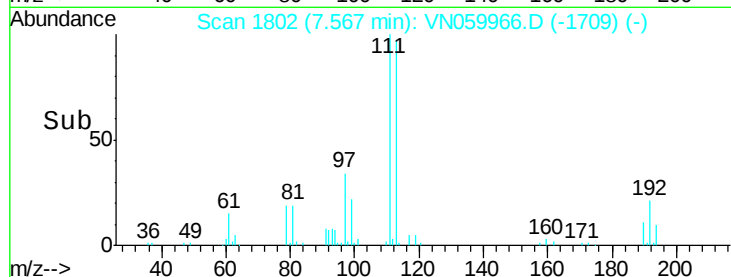
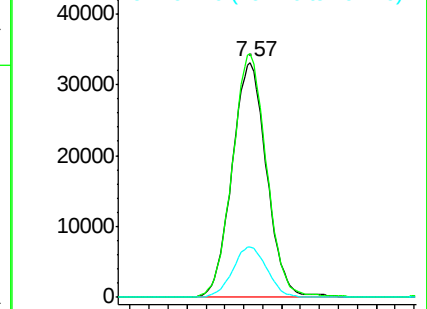
113 100

111 101.8 83.5 125.3

192 21.3 15.4 23.2



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



#36

1,1-Dichloropropene

Concen: 18.57 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

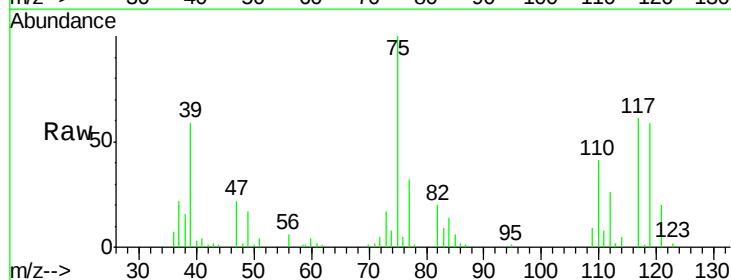
Tgt Ion: 75 Resp: 46861

Ion Ratio Lower Upper

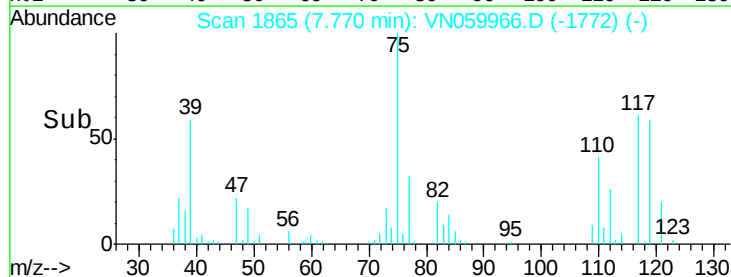
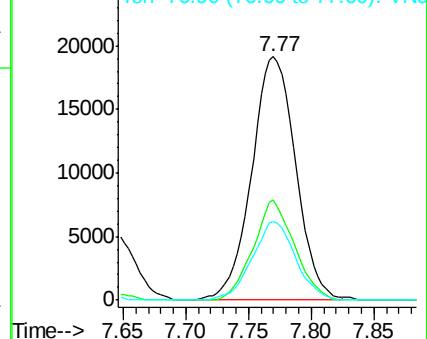
75 100

110 38.4 16.6 49.7

77 31.5 25.1 37.7



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

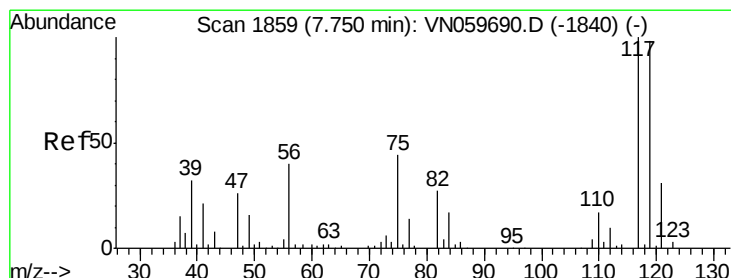
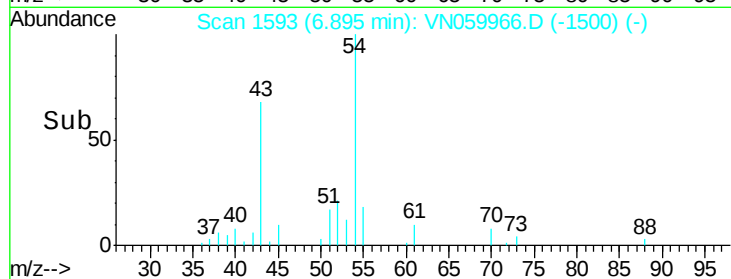
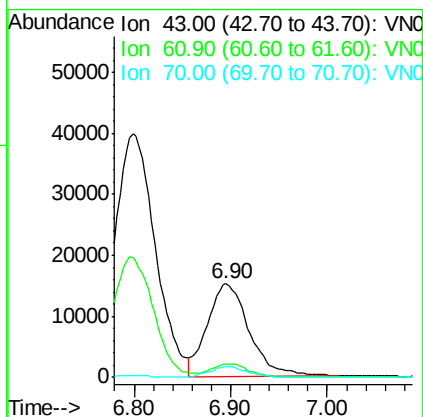
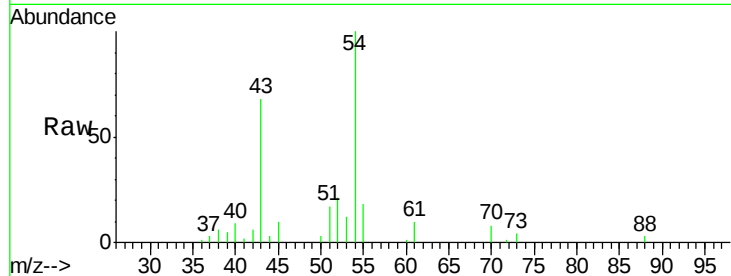




#37
 Ethyl Acetate
 Concen: 19.30 ug/l
 RT: 6.90 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: VN059966.D
 Acq: 3 Feb 2020 11:37

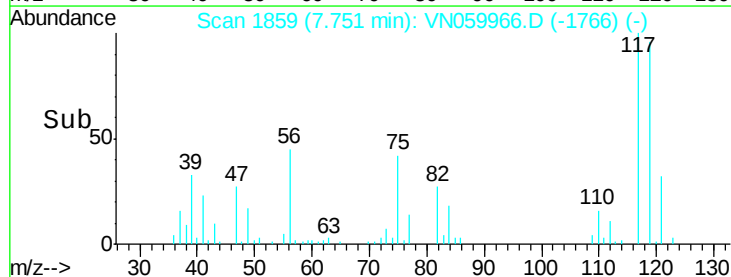
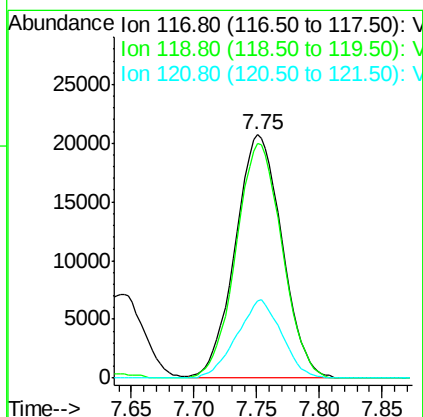
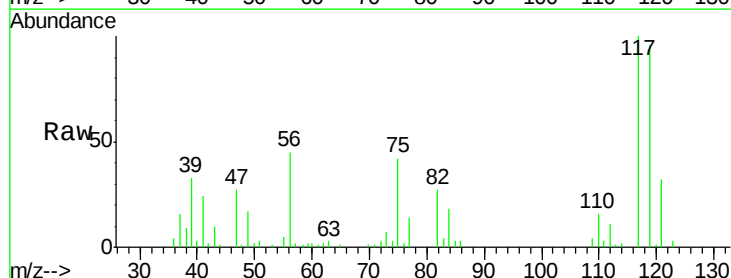
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBS01

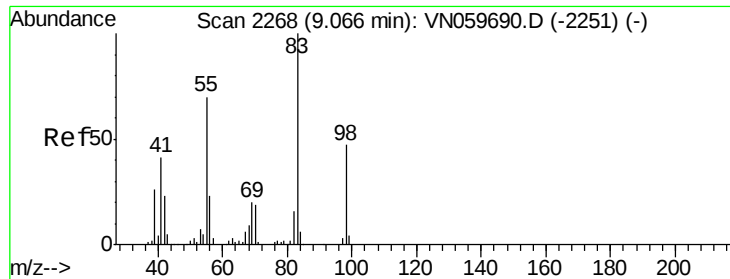
Tgt Ion: 43 Resp: 45694
 Ion Ratio Lower Upper
 43 100
 61 13.3 10.9 16.3
 70 10.4 7.7 11.5



#38
 Carbon Tetrachloride
 Concen: 19.56 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN059966.D
 Acq: 3 Feb 2020 11:37

Tgt Ion: 117 Resp: 53690
 Ion Ratio Lower Upper
 117 100
 119 96.3 76.5 114.7
 121 31.8 25.1 37.7

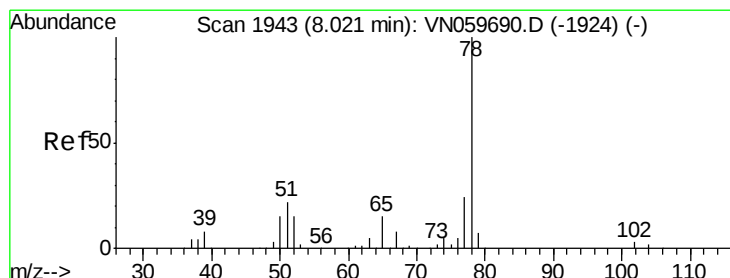
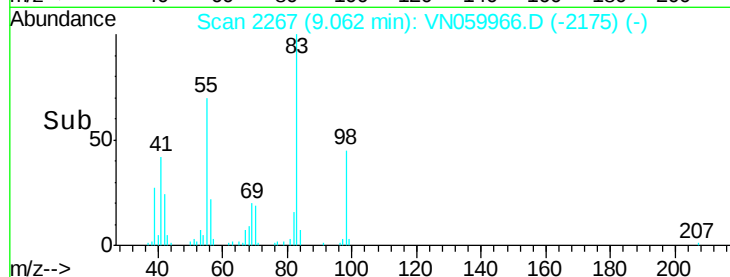
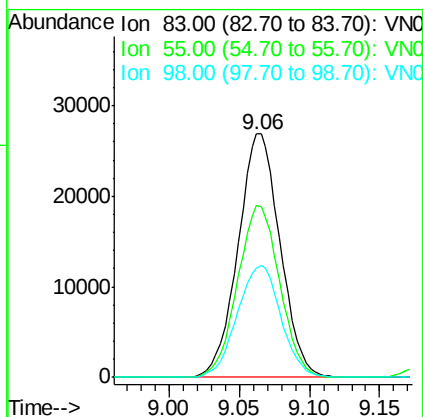
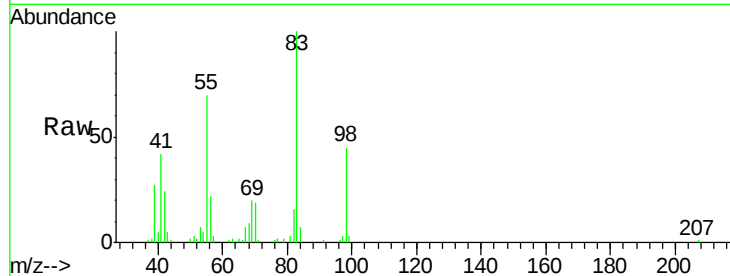




#39
Methylcyclohexane
Concen: 18.04 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059966.D
Acq: 3 Feb 2020 11:37

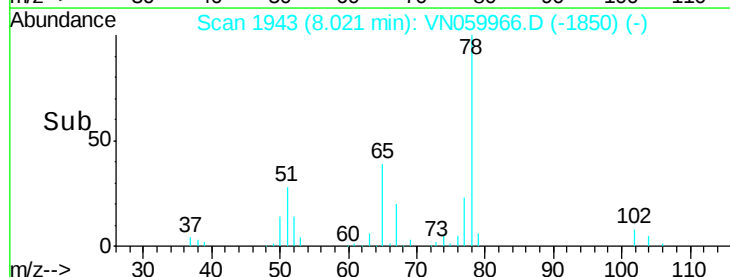
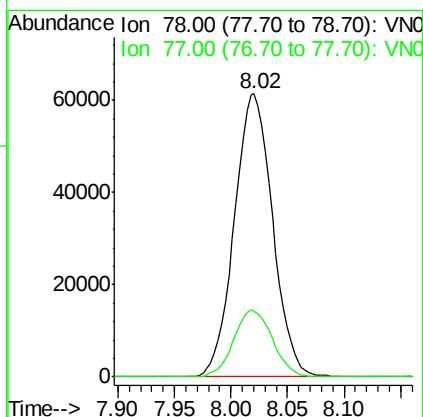
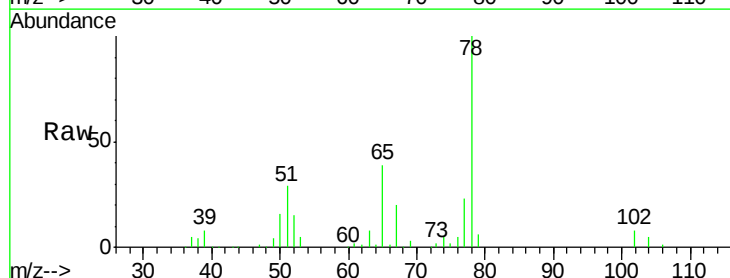
Instrument :
MSVOA_N
ClientSampled :
VN0203WBS01

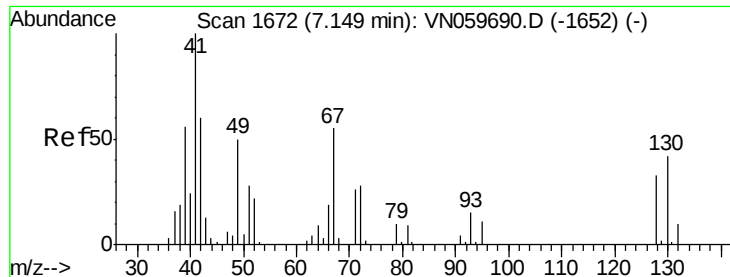
Tgt Ion: 83 Resp: 56129
Ion Ratio Lower Upper
83 100
55 70.4 64.2 96.2
98 45.1 35.9 53.9



#40
Benzene
Concen: 19.20 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059966.D
Acq: 3 Feb 2020 11:37

Tgt Ion: 78 Resp: 144530
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3

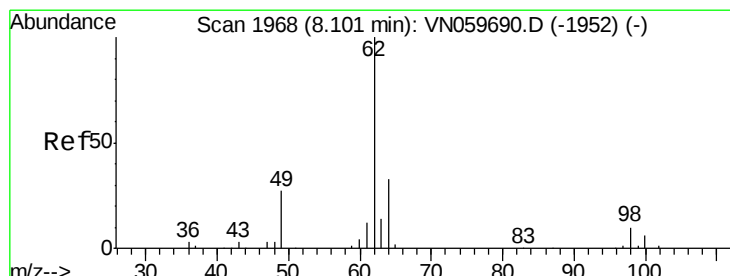
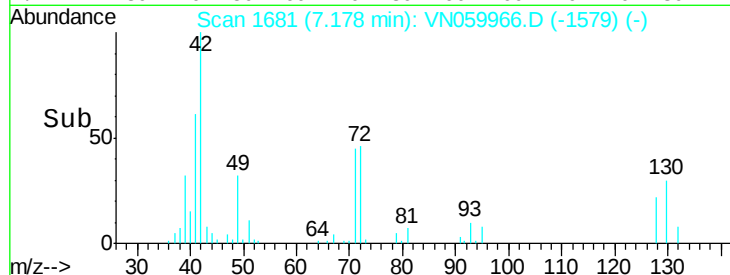
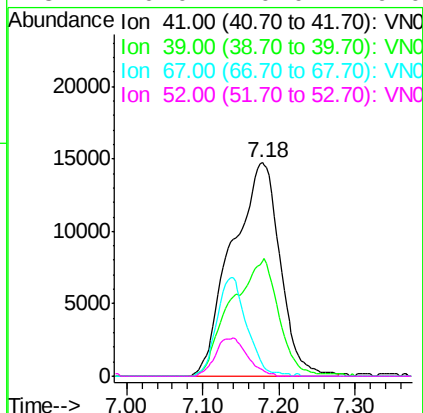
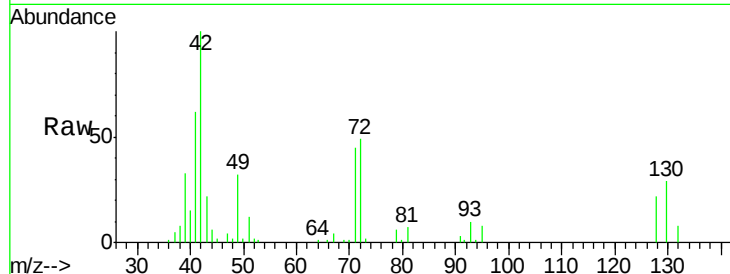




#41
Methacrylonitrile
Concen: 55.79 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN059966.D
Acq: 3 Feb 2020 11:37

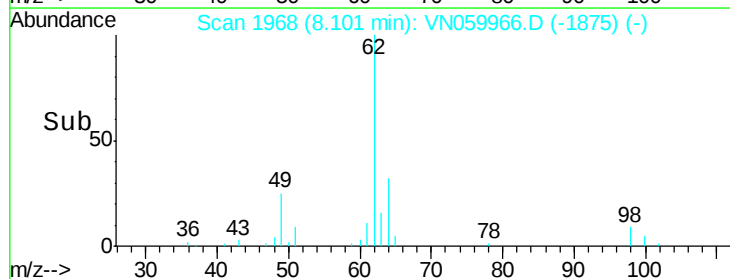
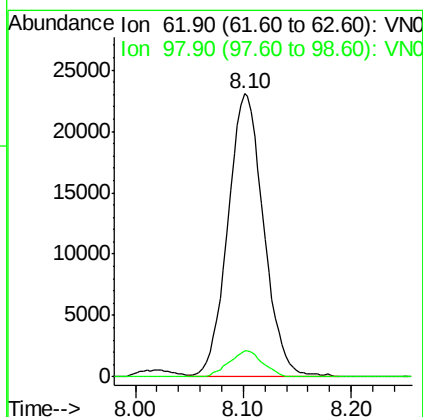
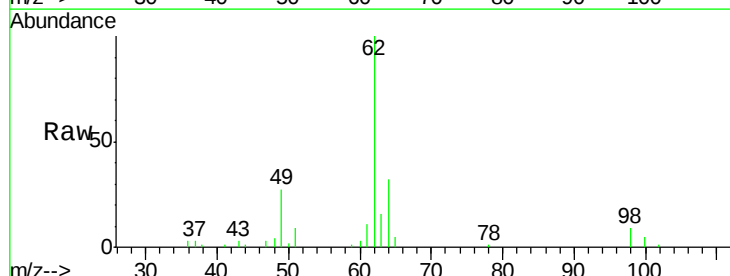
Instrument :
MSVOA_N
ClientSampled :
VN0203WBS01

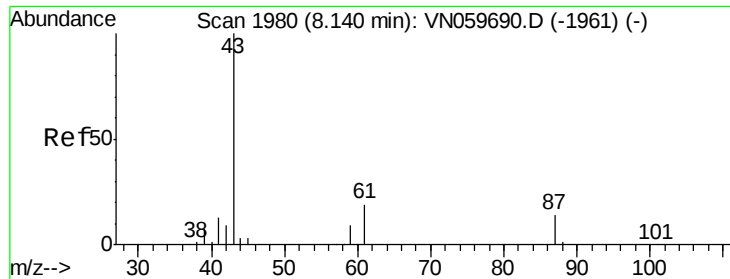
Tgt Ion: 41 Resp: 65044
Ion Ratio Lower Upper
41 100
39 54.3 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.92 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059966.D
Acq: 3 Feb 2020 11:37

Tgt Ion: 62 Resp: 53393
Ion Ratio Lower Upper
62 100
98 8.7 0.0 15.8





#43

Isopropyl Acetate

Concen: 19.11 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBS01

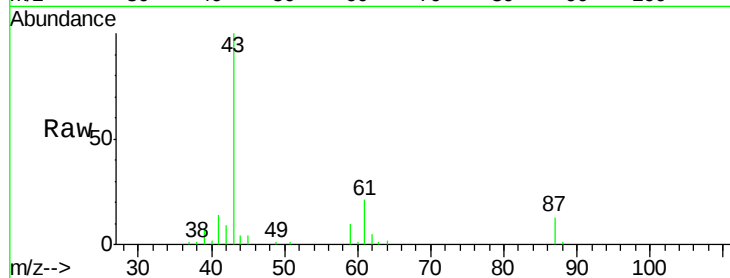
Tgt Ion: 43 Resp: 77797

Ion Ratio Lower Upper

43 100

61 26.9 20.2 30.2

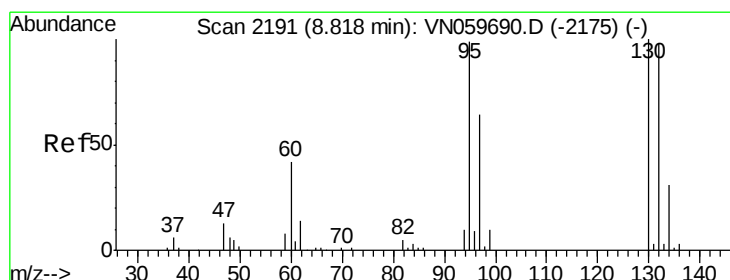
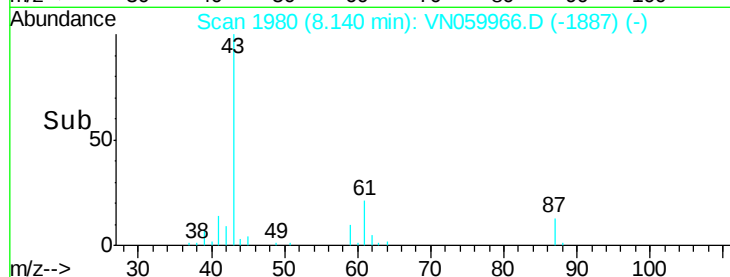
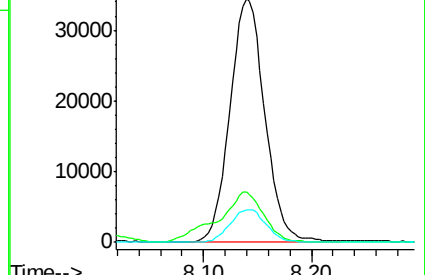
87 13.8 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN059966.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN059966.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN059966.D (-1887) (-)



#44

Trichloroethene

Concen: 20.43 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059966.D

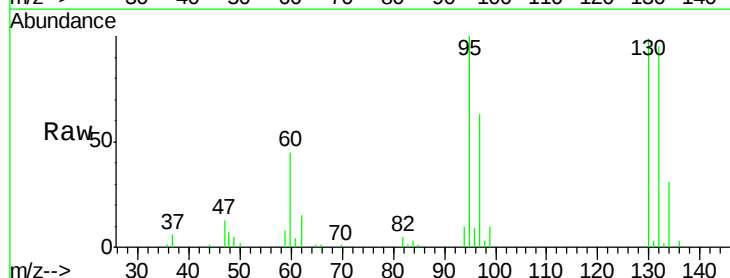
Acq: 3 Feb 2020 11:37

Tgt Ion: 130 Resp: 41973

Ion Ratio Lower Upper

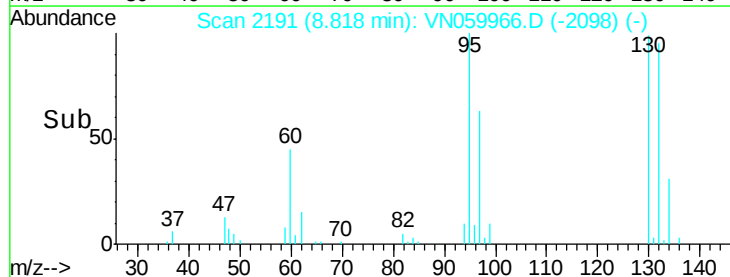
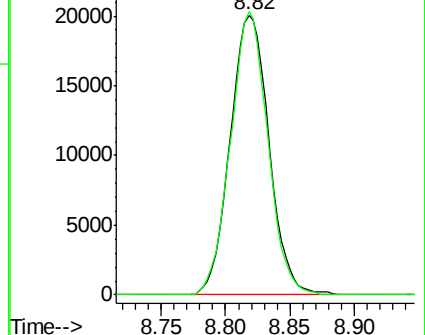
130 100

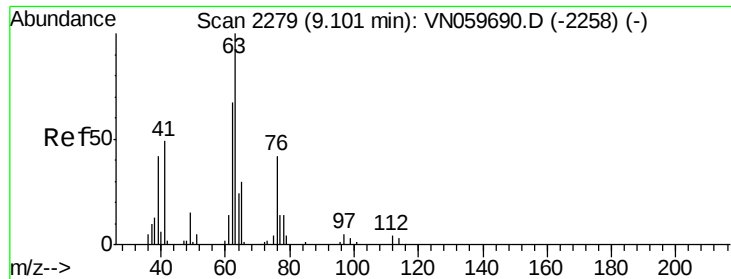
95 101.1 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059966.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN059966.D (-2098) (-)

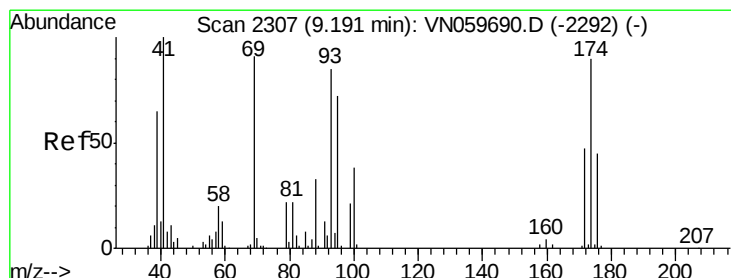
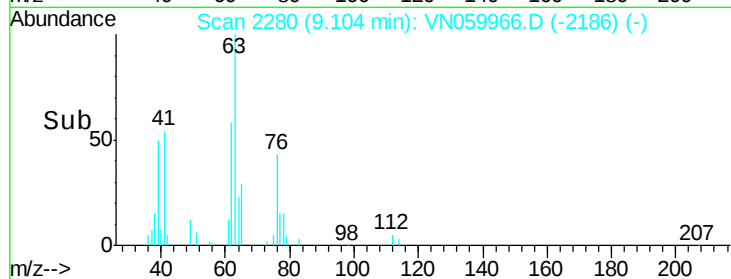
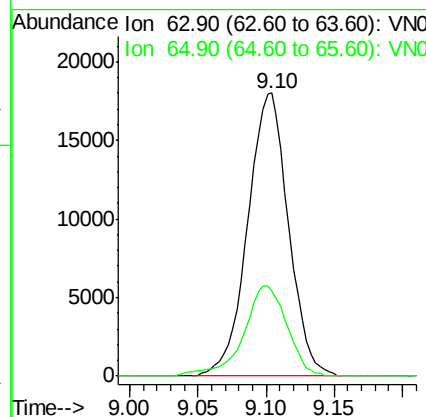
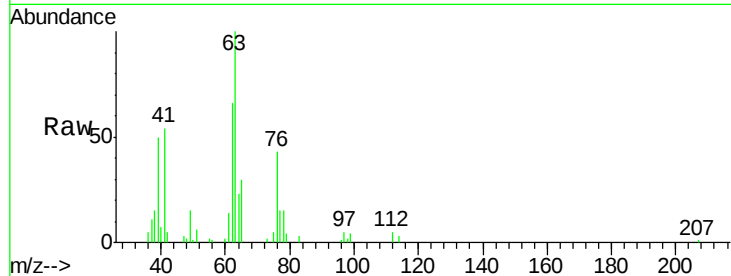




#45
 1,2-Dichloropropane
 Concen: 20.03 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: VN059966.D
 Acq: 3 Feb 2020 11:37

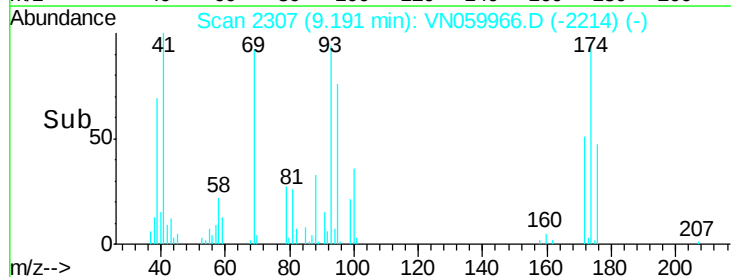
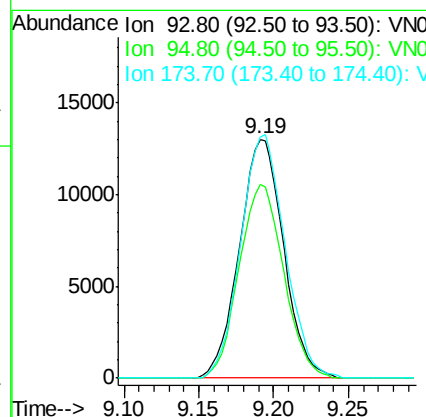
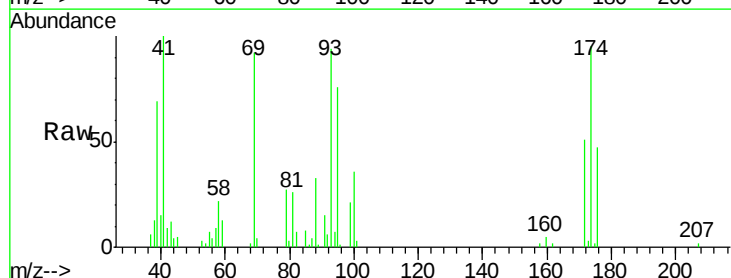
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBS01

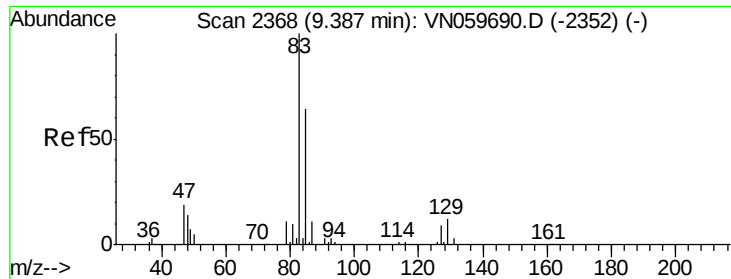
Tgt Ion: 63 Resp: 37305
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.9 37.3



#46
 Dibromomethane
 Concen: 20.36 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN059966.D
 Acq: 3 Feb 2020 11:37

Tgt Ion: 93 Resp: 26755
 Ion Ratio Lower Upper
 93 100
 95 81.5 67.0 100.6
 174 102.4 73.4 110.2

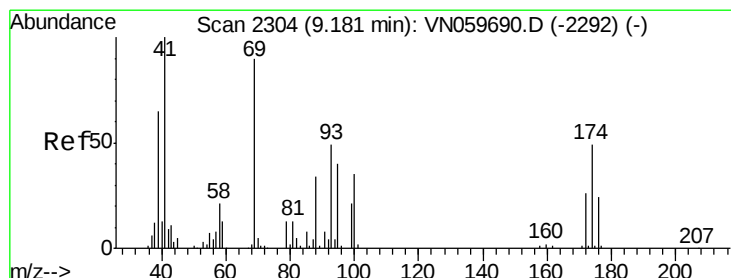
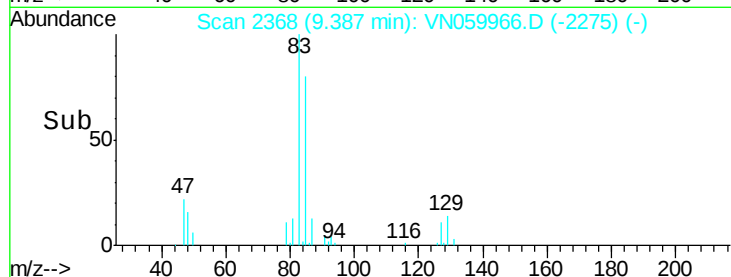
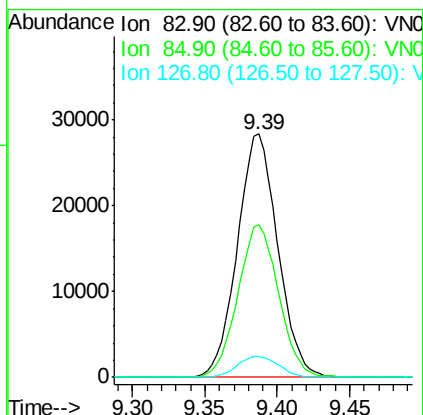
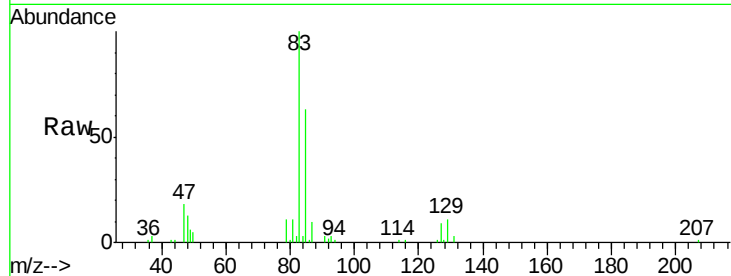




#47
 Bromodichloromethane
 Concen: 20.75 ug/l
 RT: 9.39 min Scan# 2368
 Delta R.T. 0.00 min
 Lab File: VN059966.D
 Acq: 3 Feb 2020 11:37

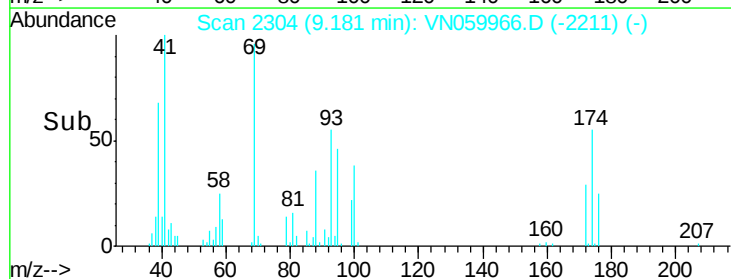
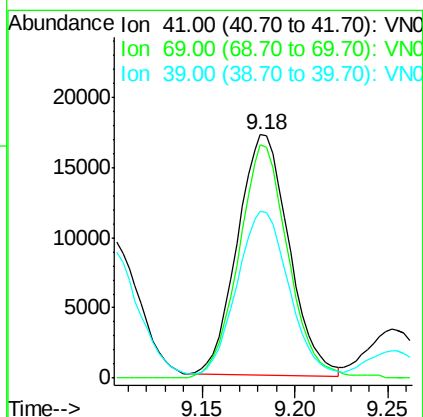
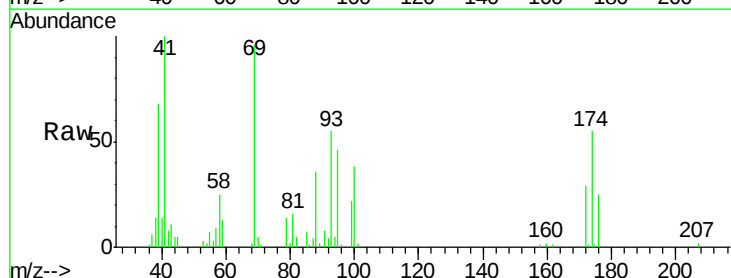
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBS01

Tgt Ion: 83 Resp: 54926
 Ion Ratio Lower Upper
 83 100
 85 62.6 51.1 76.7
 127 8.7 6.6 9.8



#48
 Methyl methacrylate
 Concen: 18.13 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. 0.00 min
 Lab File: VN059966.D
 Acq: 3 Feb 2020 11:37

Tgt Ion: 41 Resp: 33014
 Ion Ratio Lower Upper
 41 100
 69 93.2 64.4 96.6
 39 67.8 51.3 76.9

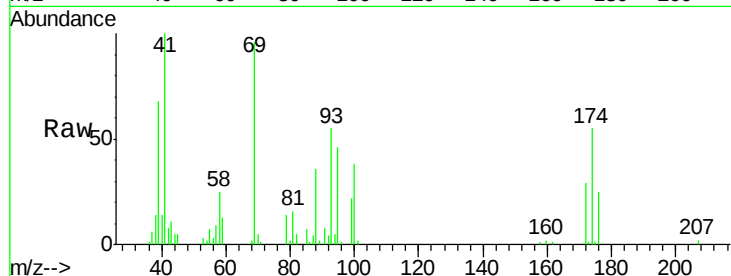




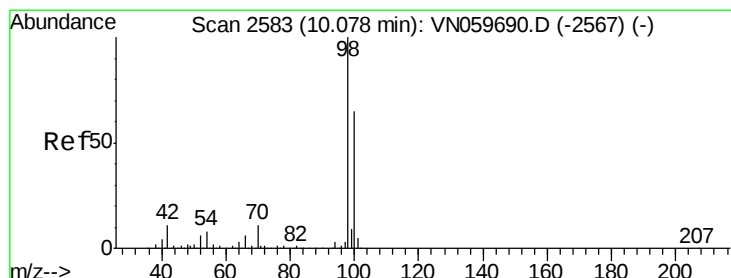
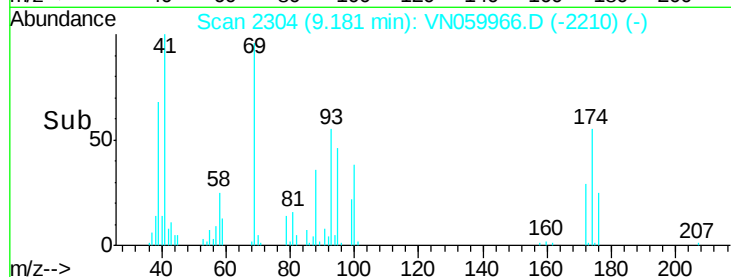
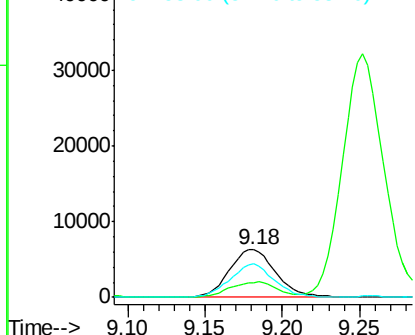
#49
1,4-Dioxane
Concen: 390.39 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059966.D
Acq: 3 Feb 2020 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01

Tgt Ion: 88 Resp: 13015
Ion Ratio Lower Upper
88 100
43 33.2 29.7 44.5
58 66.7 56.6 85.0

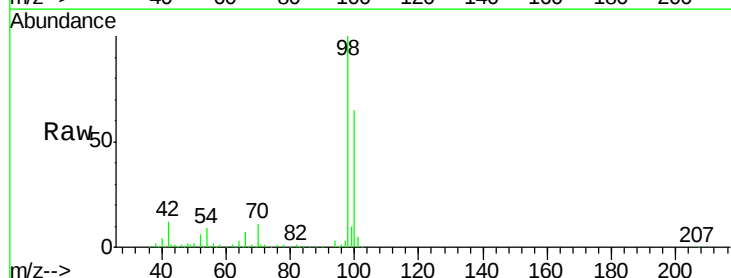


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

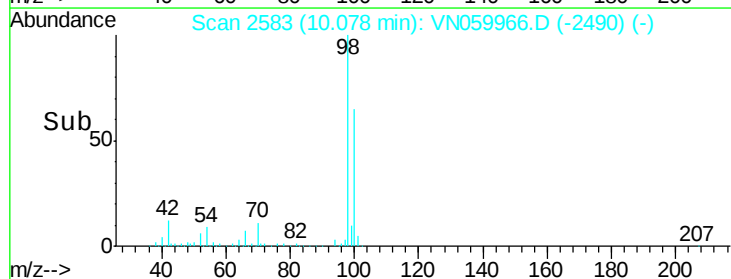
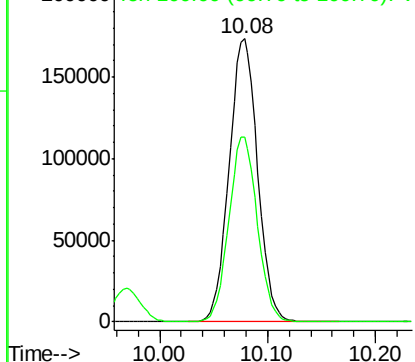


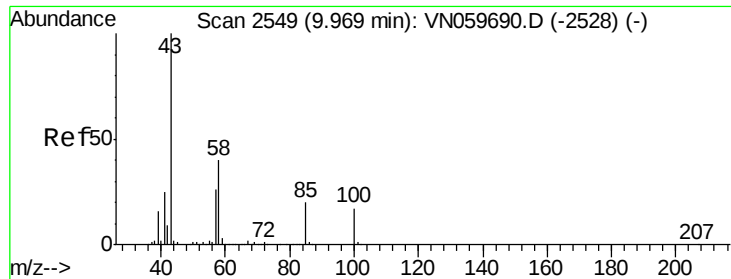
#50
Toluene-d8
Concen: 47.70 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059966.D
Acq: 3 Feb 2020 11:37

Tgt Ion: 98 Resp: 319418
Ion Ratio Lower Upper
98 100
100 65.2 51.2 76.8



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

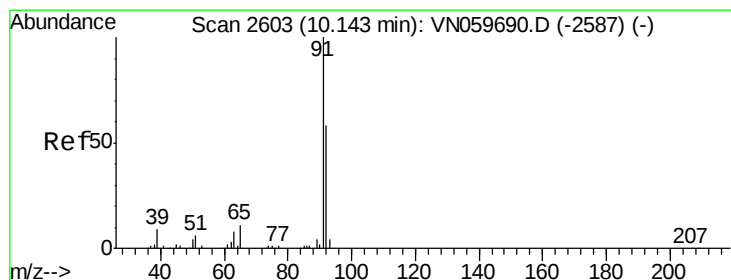
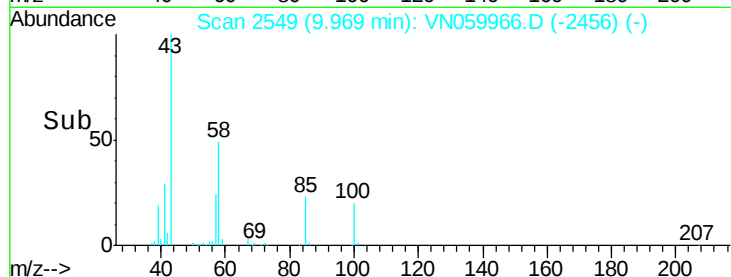
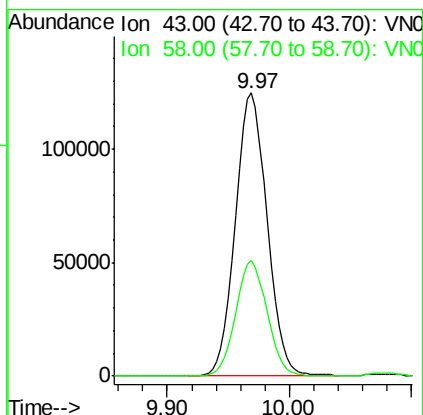
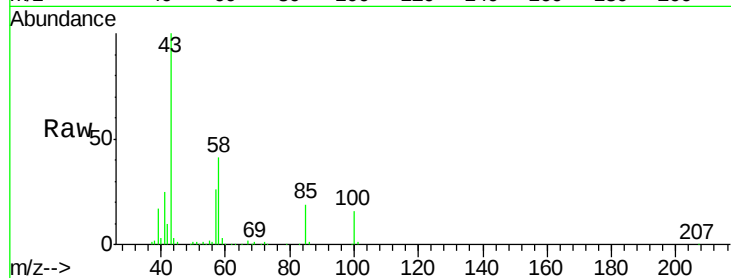




#51
 4-Methyl-2-Pentanone
 Concen: 95.56 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN059966.D
 Acq: 3 Feb 2020 11:37

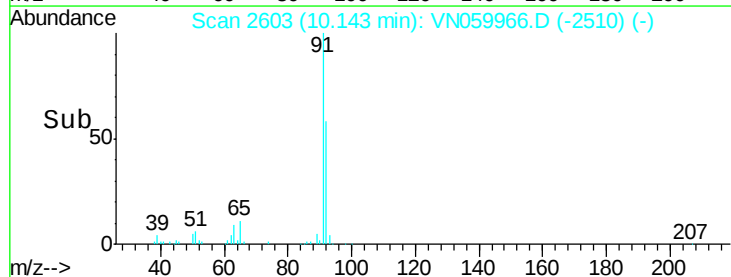
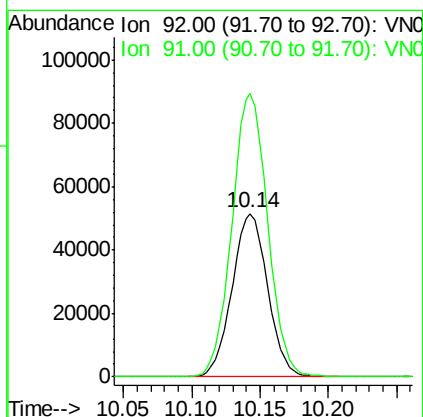
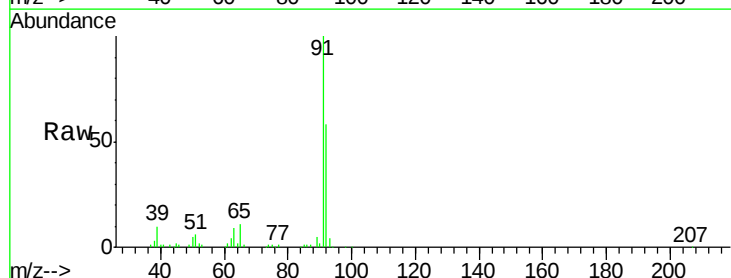
Instrument :
 MSVOA_N
 ClientSampled :
 VN0203WBS01

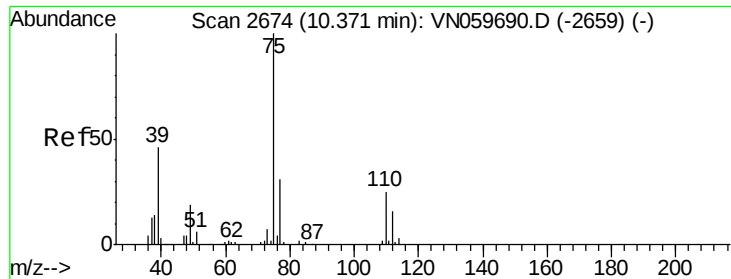
Tgt Ion: 43 Resp: 224894
 Ion Ratio Lower Upper
 43 100
 58 40.2 29.8 44.8



#52
 Toluene
 Concen: 19.59 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN059966.D
 Acq: 3 Feb 2020 11:37

Tgt Ion: 92 Resp: 93144
 Ion Ratio Lower Upper
 92 100
 91 174.7 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 20.32 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

Instrument :

MSVOA_N

ClientSampleId :

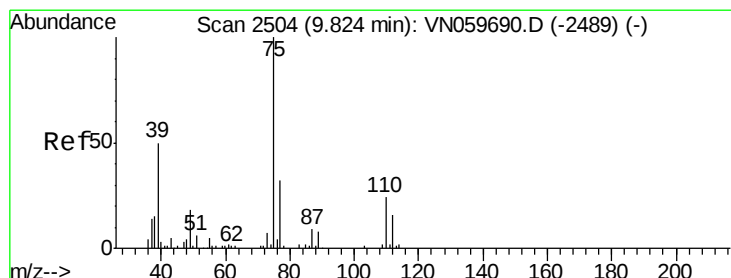
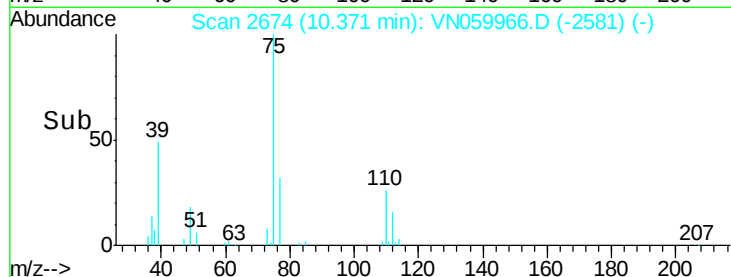
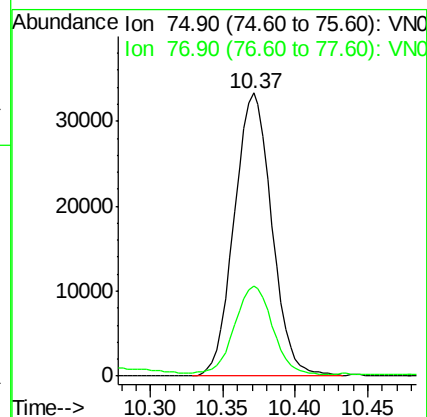
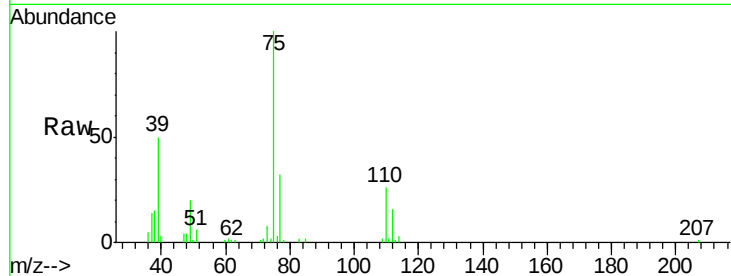
VN0203WBS01

Tgt Ion: 75 Resp: 60061

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.45 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

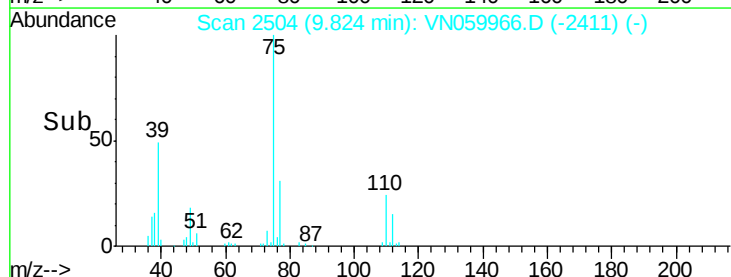
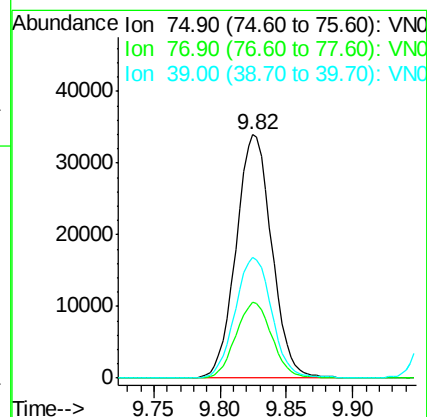
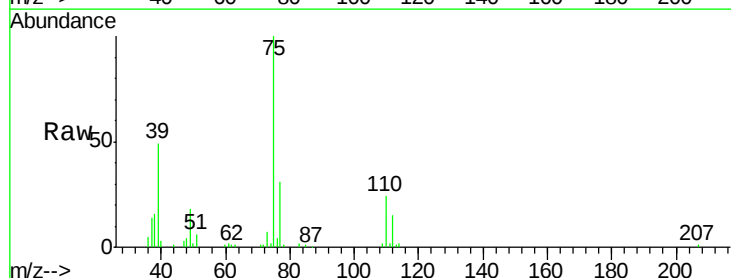
Tgt Ion: 75 Resp: 63611

Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7

39 49.4 46.1 69.1

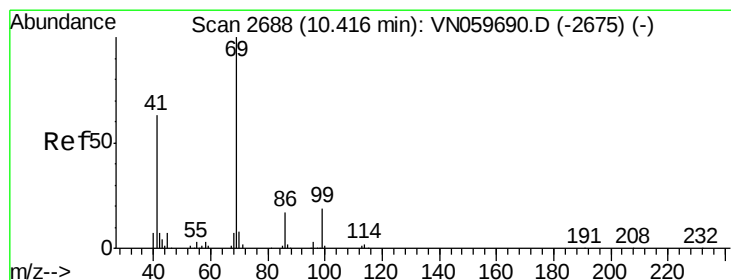
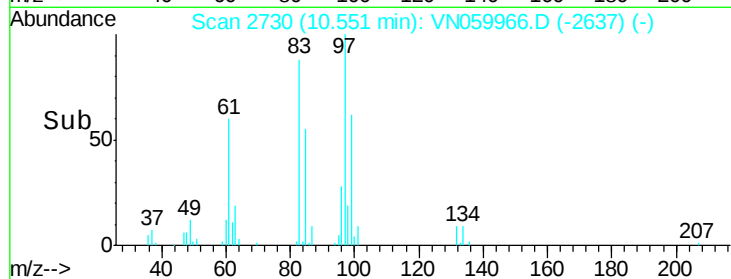
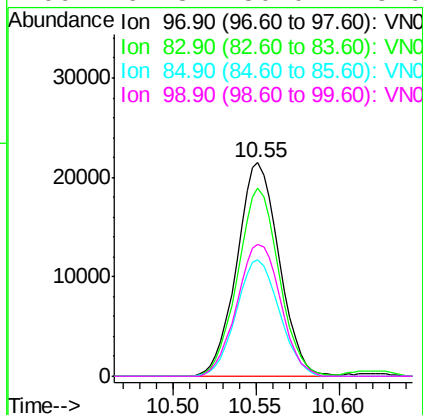
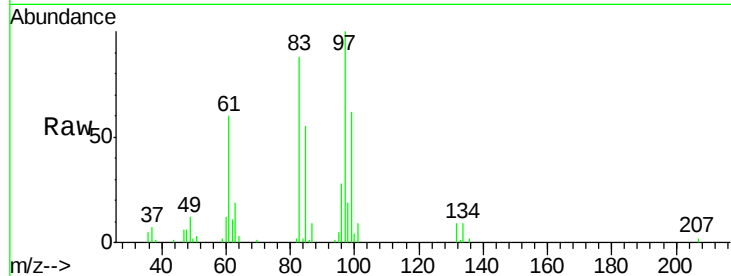




#55
 1,1,2-Trichloroethane
 Concen: 20.24 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059966.D
 Acq: 3 Feb 2020 11:37

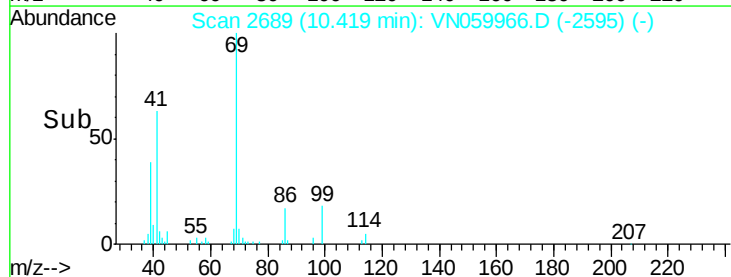
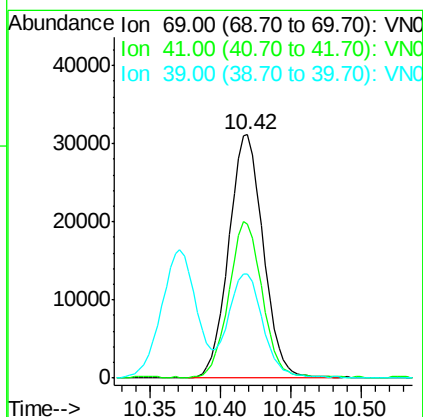
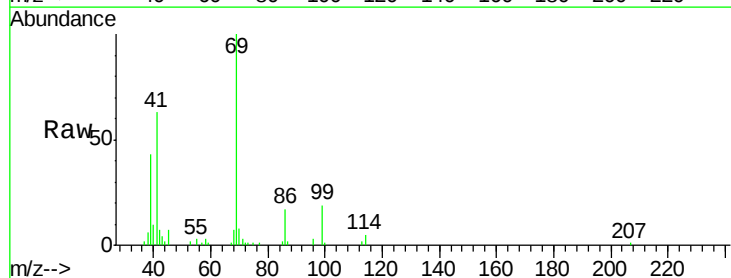
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBS01

Tgt Ion:	97	Resp:	38115
Ion	Ratio	Lower	Upper
97	100		
83	87.9	71.3	106.9
85	54.7	45.8	68.8
99	61.8	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 18.57 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: VN059966.D
 Acq: 3 Feb 2020 11:37

Tgt Ion:	69	Resp:	53417
Ion	Ratio	Lower	Upper
69	100		
41	63.0	57.1	85.7
39	43.9	34.7	52.1





#57

1,3-Dichloropropane

Concen: 20.63 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

Instrument :

MSVOA_N

ClientSampleId :

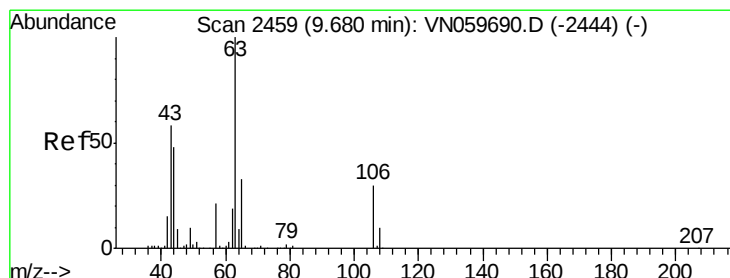
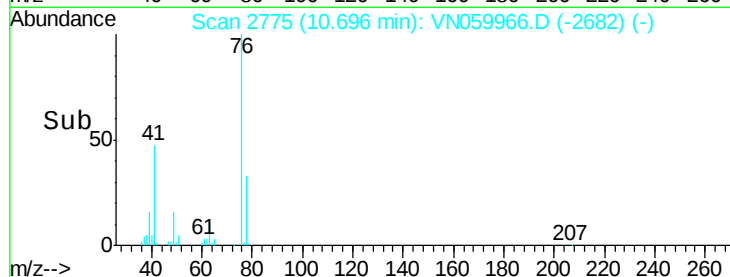
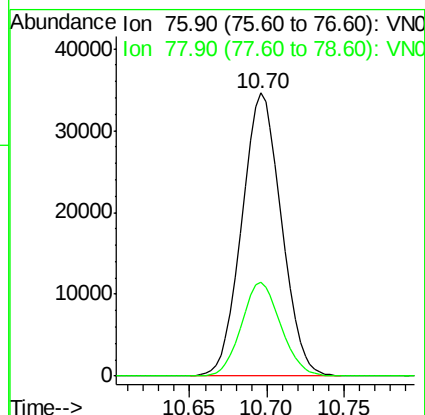
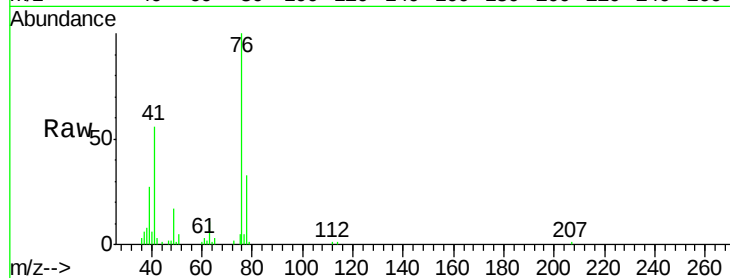
VN0203WBS01

Tgt Ion: 76 Resp: 61668

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 100.08 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059966.D

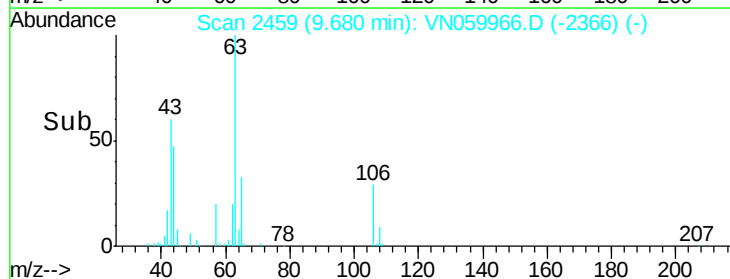
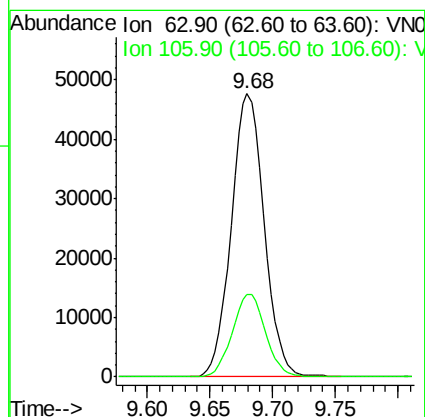
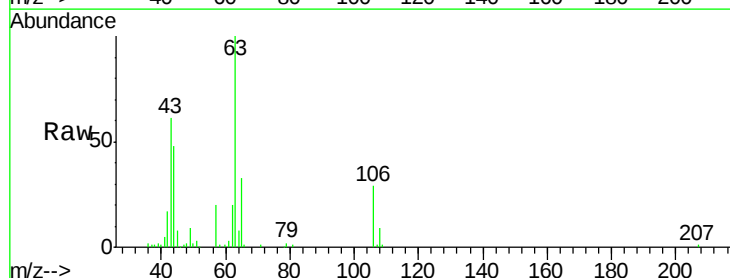
Acq: 3 Feb 2020 11:37

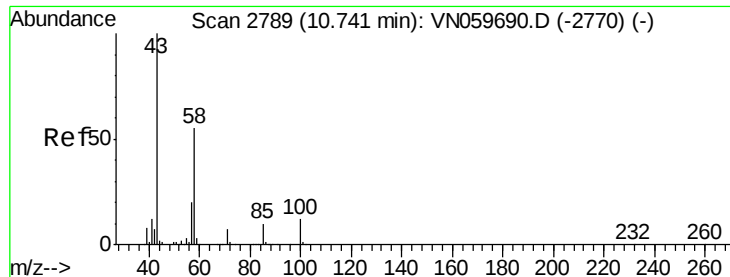
Tgt Ion: 63 Resp: 86729

Ion Ratio Lower Upper

63 100

106 29.5 20.2 30.2

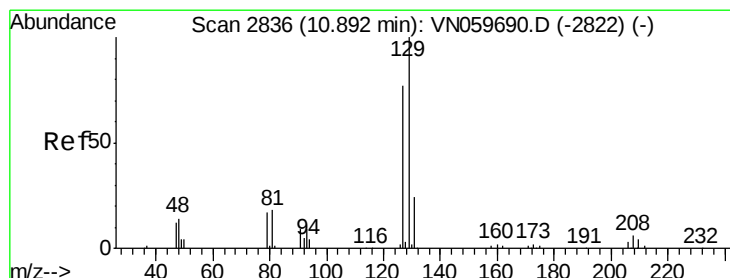
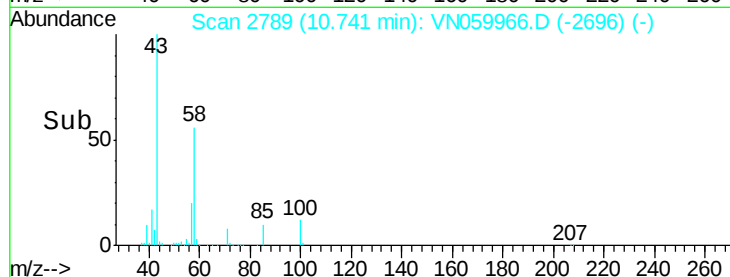
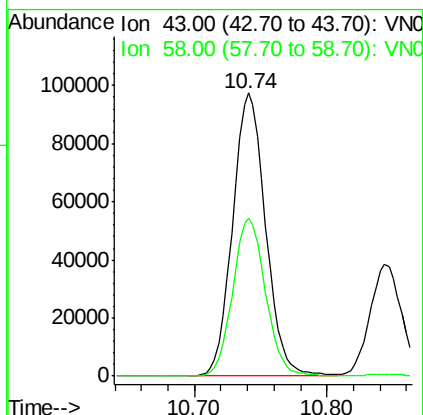
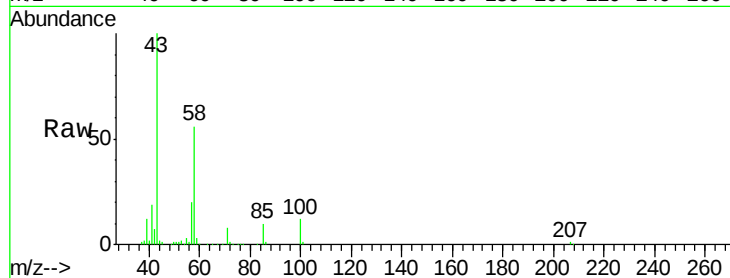




#59
2-Hexanone
Concen: 97.00 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059966.D
Acq: 3 Feb 2020 11:37

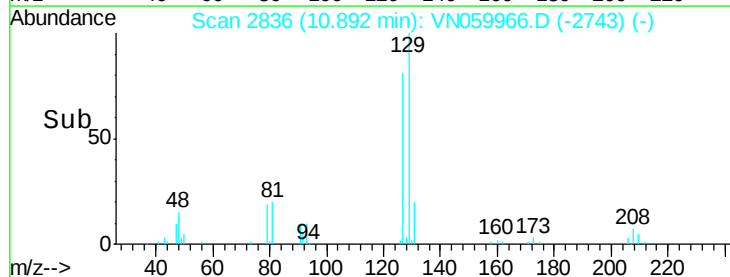
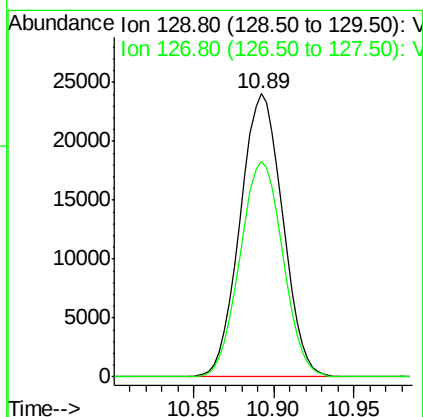
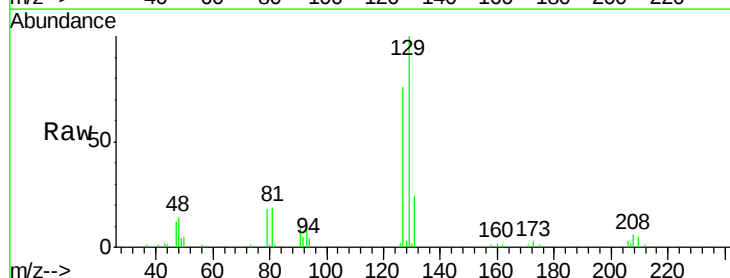
Instrument :
MSVOA_N
ClientSampled :
VN0203WBS01

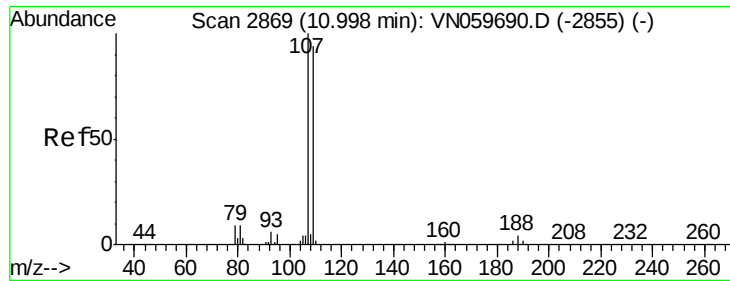
Tgt Ion: 43 Resp: 168193
Ion Ratio Lower Upper
43 100
58 55.5 25.8 77.3



#60
Dibromochloromethane
Concen: 20.39 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059966.D
Acq: 3 Feb 2020 11:37

Tgt Ion: 129 Resp: 43718
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5

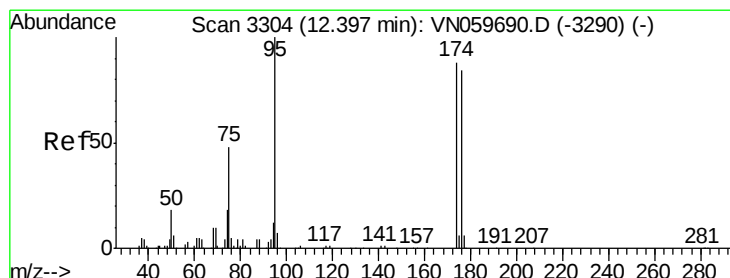
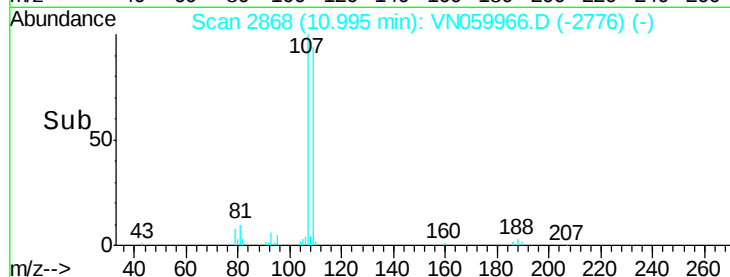
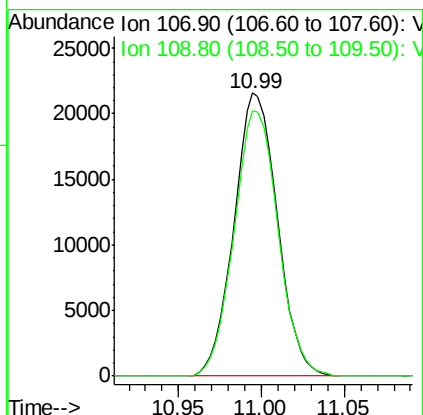
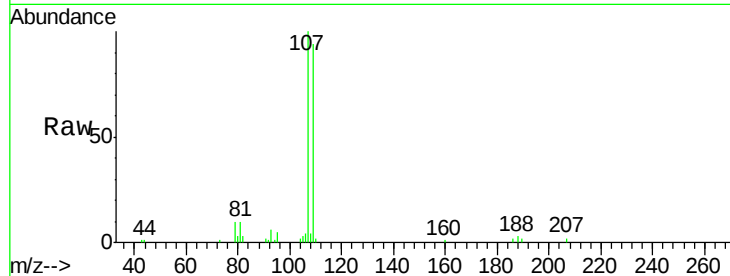




#61
 1,2-Dibromoethane
 Concen: 19.89 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059966.D
 Acq: 3 Feb 2020 11:37

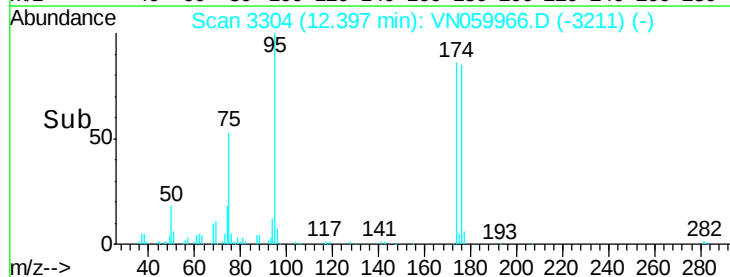
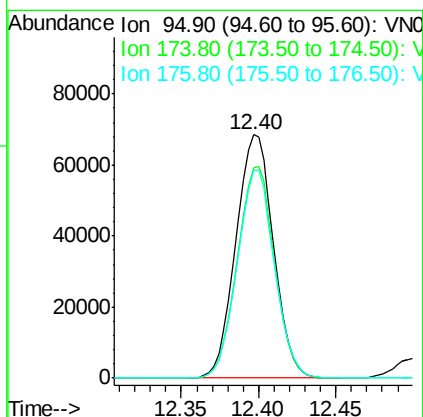
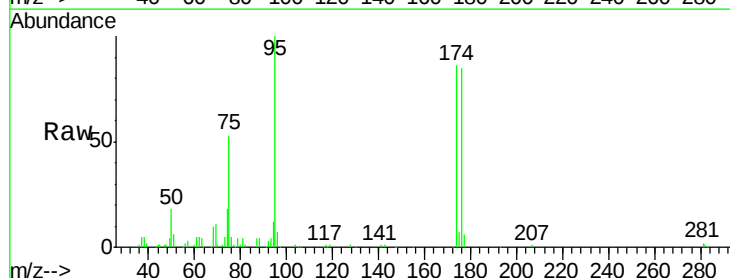
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBS01

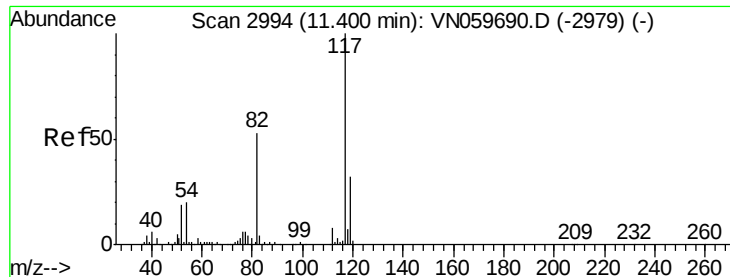
Tgt Ion: 107 Resp: 39258
 Ion Ratio Lower Upper
 107 100
 109 95.2 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 47.78 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059966.D
 Acq: 3 Feb 2020 11:37

Tgt Ion: 95 Resp: 115325
 Ion Ratio Lower Upper
 95 100
 174 86.5 0.0 151.4
 176 84.6 0.0 146.0

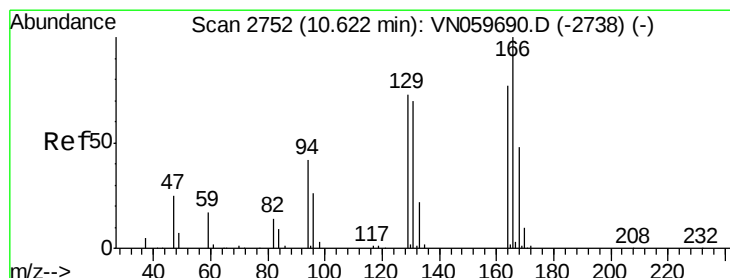
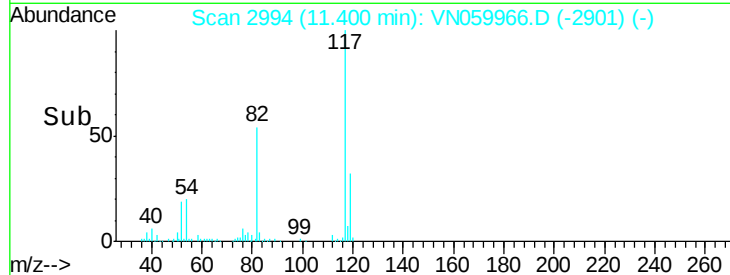
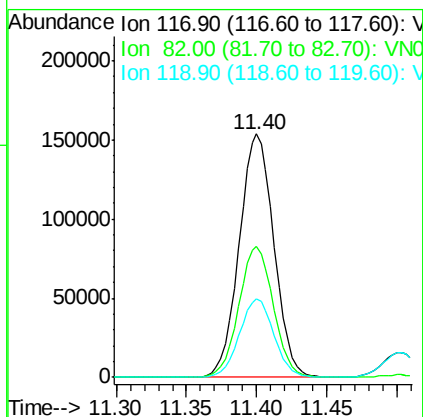
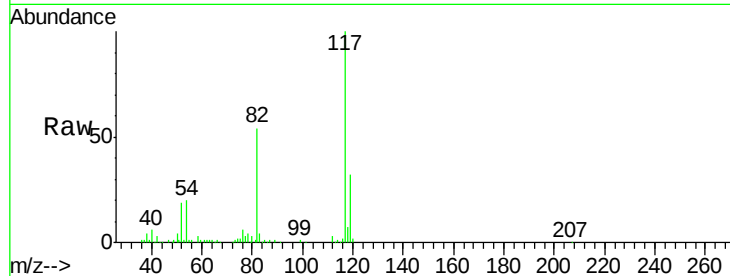




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059966.D
Acq: 3 Feb 2020 11:37

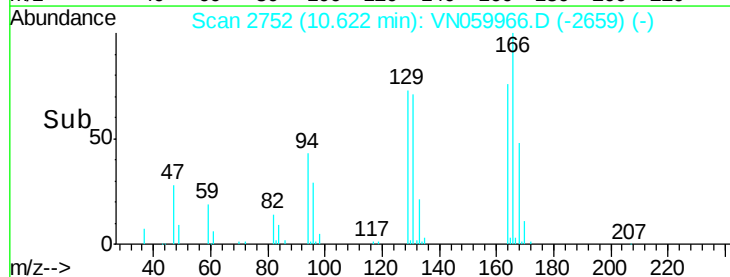
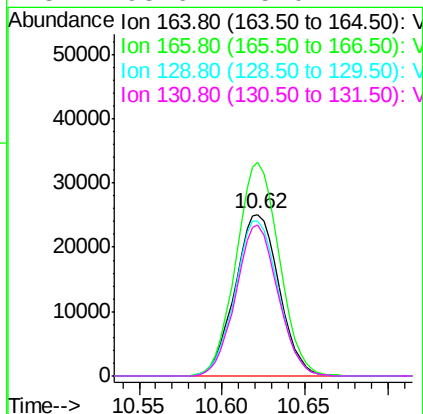
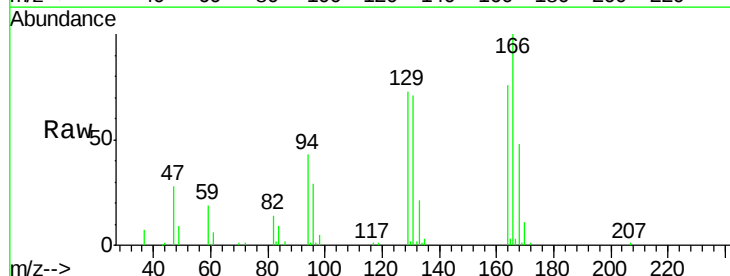
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01

Tgt Ion:117 Resp: 265080
Ion Ratio Lower Upper
117 100
82 53.5 45.9 68.9
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 21.43 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059966.D
Acq: 3 Feb 2020 11:37

Tgt Ion:164 Resp: 46296
Ion Ratio Lower Upper
164 100
166 132.4 101.4 152.0
129 96.4 80.2 120.4
131 93.6 75.0 112.4

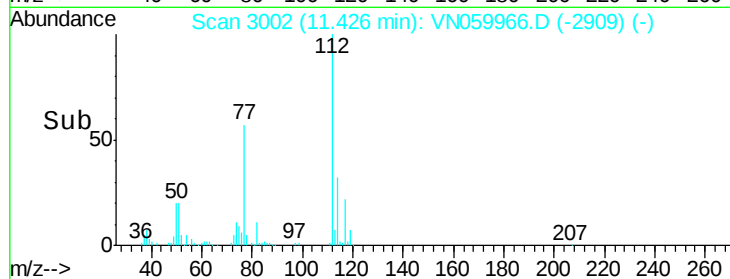
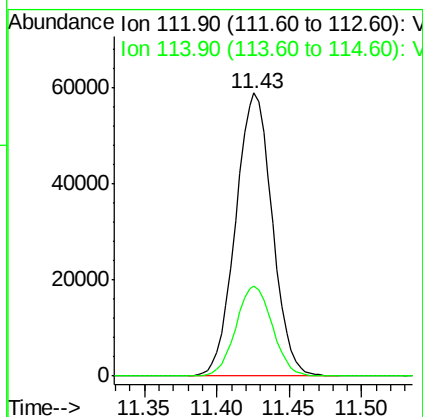
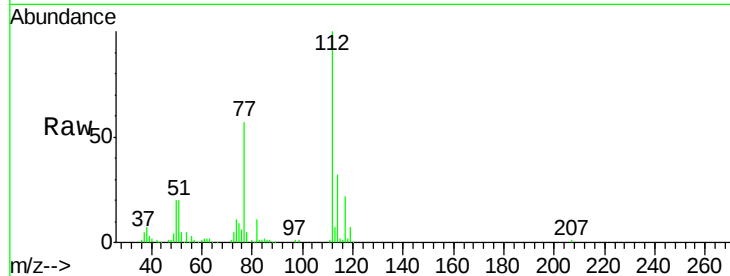




#65
Chlorobenzene
Concen: 19.83 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059966.D
Acq: 3 Feb 2020 11:37

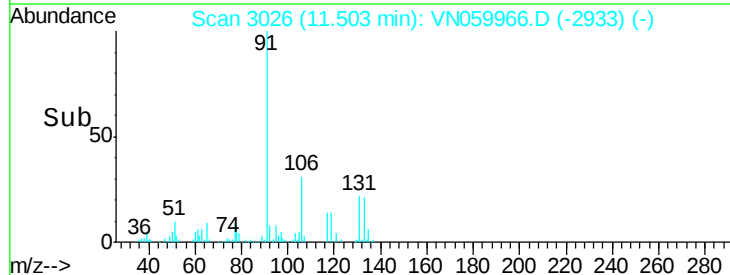
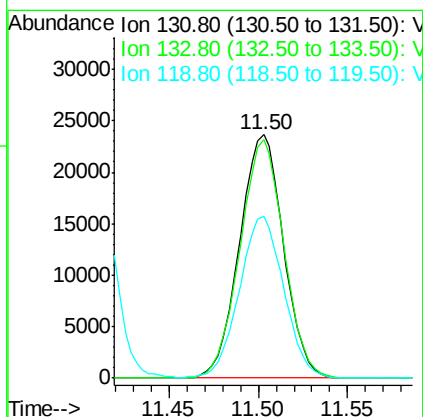
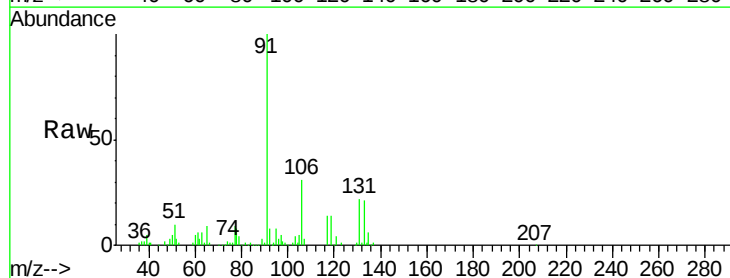
Instrument :
MSVOA_N
ClientSampled :
VN0203WBS01

Tgt Ion:112 Resp: 103329
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.25 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059966.D
Acq: 3 Feb 2020 11:37

Tgt Ion:131 Resp: 40763
Ion Ratio Lower Upper
131 100
133 98.0 47.4 142.2
119 67.3 33.1 99.3

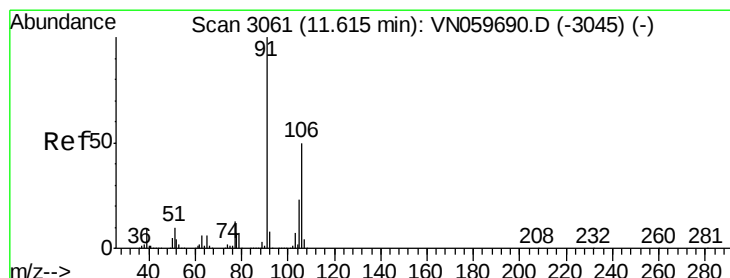
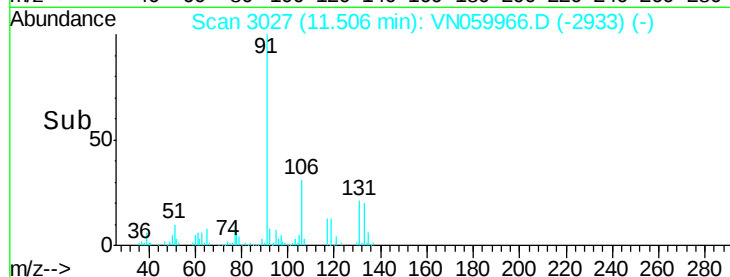
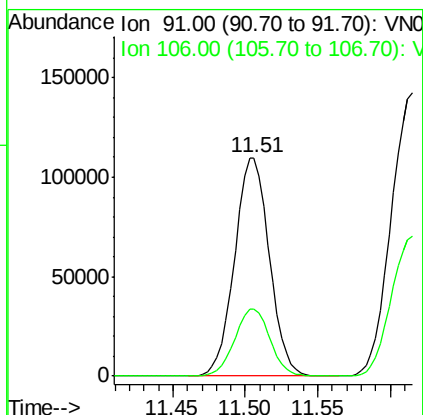
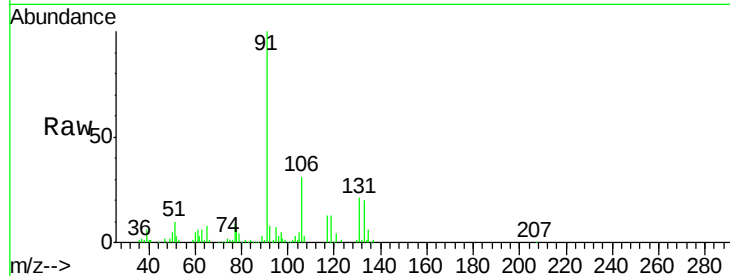




#67
Ethyl Benzene
Concen: 19.33 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059966.D
Acq: 3 Feb 2020 11:37

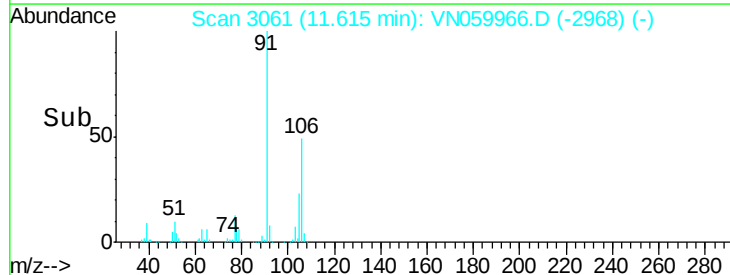
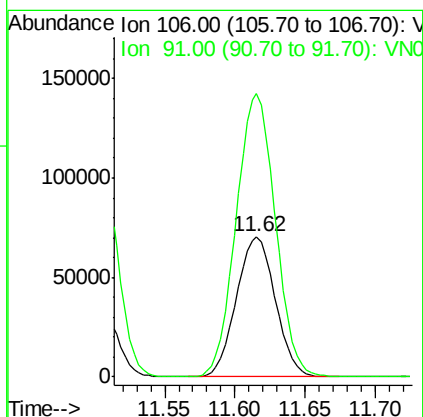
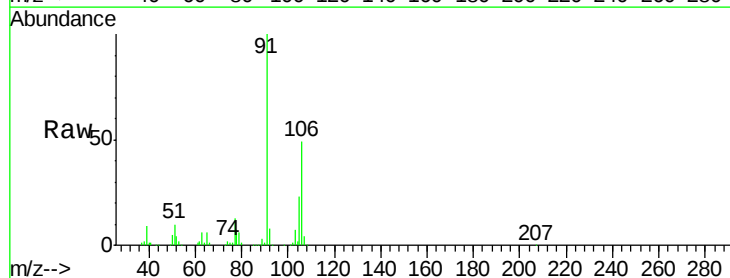
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01

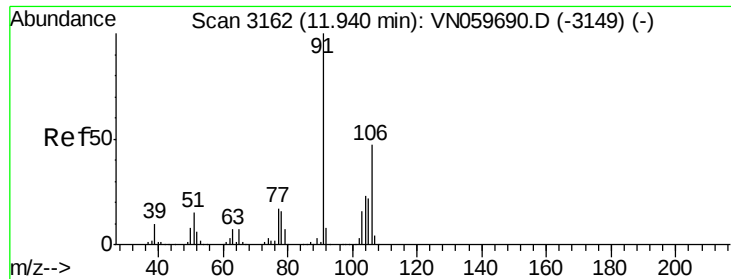
Tgt Ion: 91 Resp: 182873
Ion Ratio Lower Upper
91 100
106 30.8 24.1 36.1



#68
m/p-Xylenes
Concen: 38.21 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN059966.D
Acq: 3 Feb 2020 11:37

Tgt Ion: 106 Resp: 136499
Ion Ratio Lower Upper
106 100
91 202.9 167.9 251.9

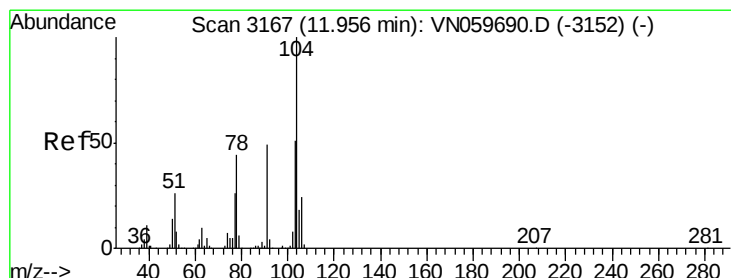
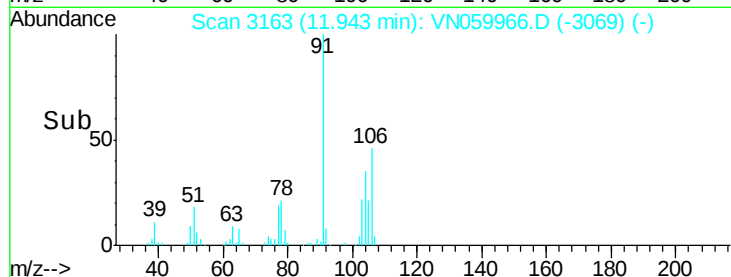
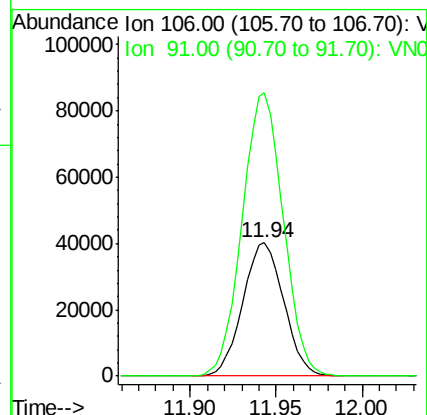
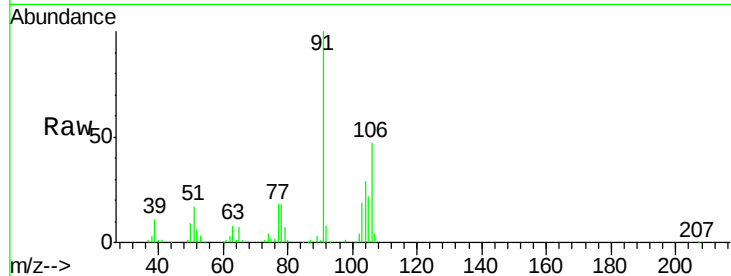




#69
o-Xylene
Concen: 19.12 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059966.D
Acq: 3 Feb 2020 11:37

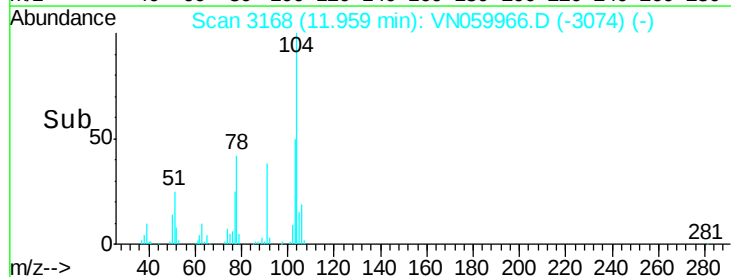
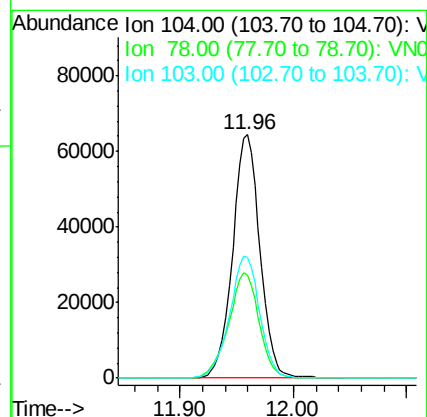
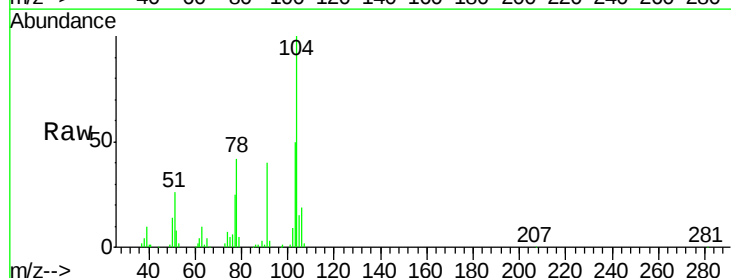
Instrument :
MSVOA_N
ClientSampled :
VN0203WBS01

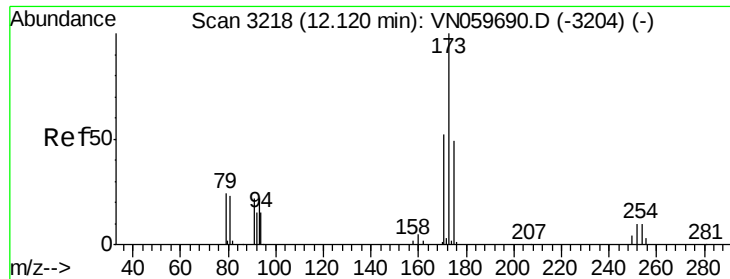
Tgt Ion:106 Resp: 66877
Ion Ratio Lower Upper
106 100
91 212.5 110.3 330.9



#70
Styrene
Concen: 18.49 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059966.D
Acq: 3 Feb 2020 11:37

Tgt Ion:104 Resp: 108198
Ion Ratio Lower Upper
104 100
78 48.1 42.4 63.6
103 55.0 43.9 65.9

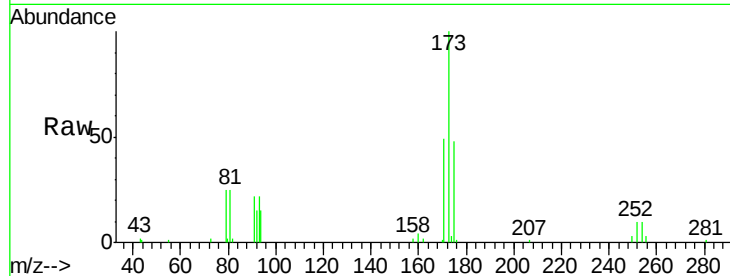




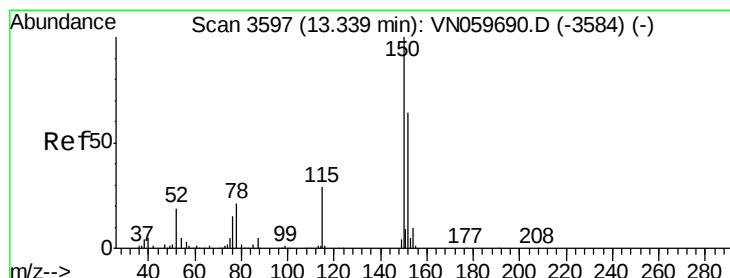
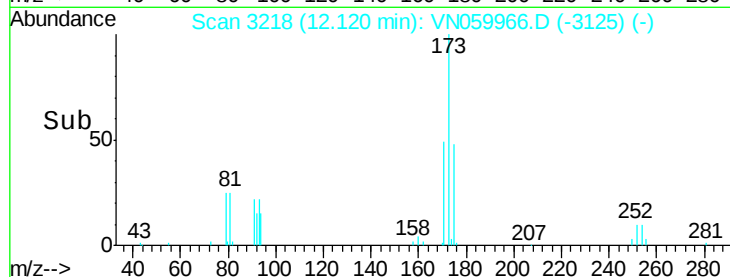
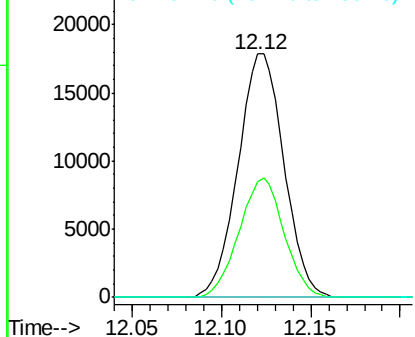
#71
Bromoform
Concen: 19.80 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059966.D
Acq: 3 Feb 2020 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBS01

Tgt Ion:173 Resp: 31933
Ion Ratio Lower Upper
173 100
175 48.0 23.8 71.4
254 0.0 0.0 0.0

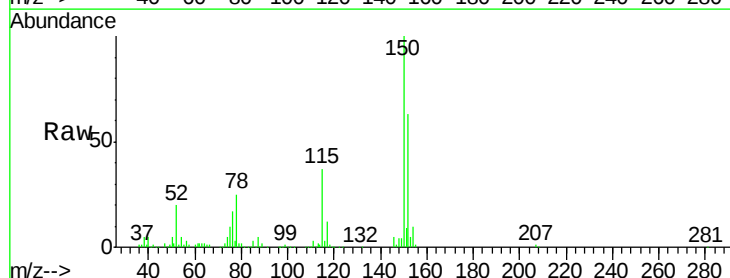


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

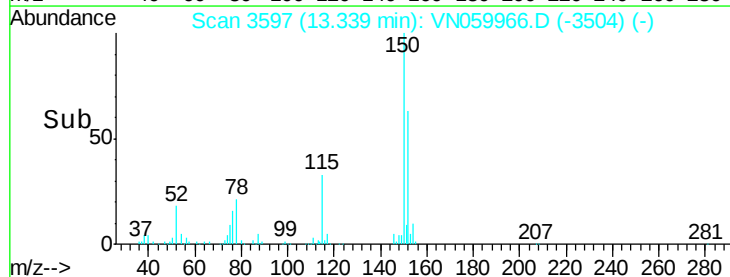
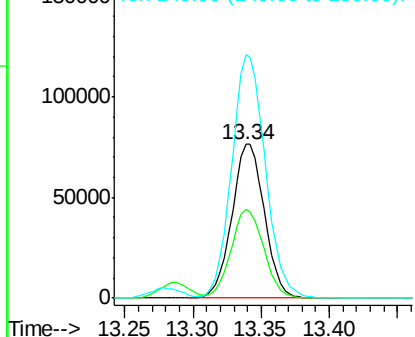


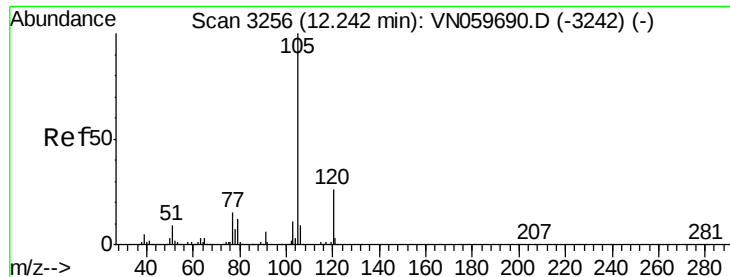
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059966.D
Acq: 3 Feb 2020 11:37

Tgt Ion:152 Resp: 126245
Ion Ratio Lower Upper
152 100
115 58.2 30.3 90.9
150 163.7 0.0 345.2



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





#73

Isopropylbenzene

Concen: 19.58 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

Instrument :

MSVOA_N

ClientSampleId :

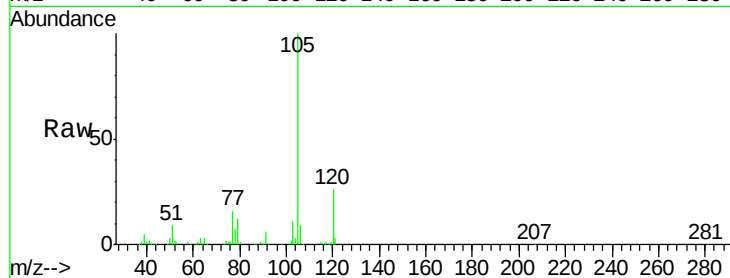
VN0203WBS01

Tgt Ion: 105 Resp: 181270

Ion Ratio Lower Upper

105 100

120 26.9 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

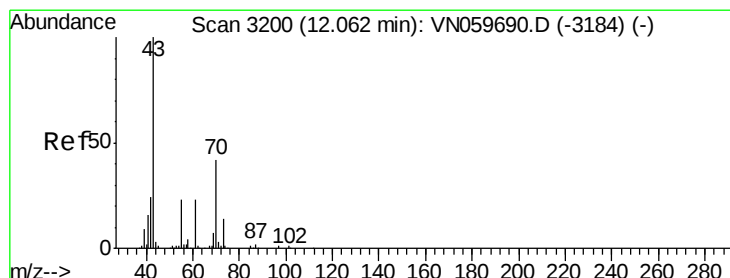
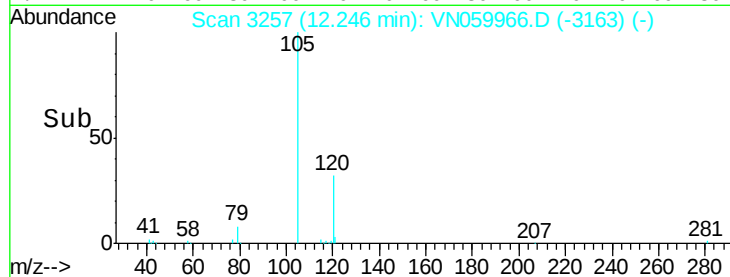
60000

40000

20000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 17.84 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

Tgt Ion: 43 Resp: 64095

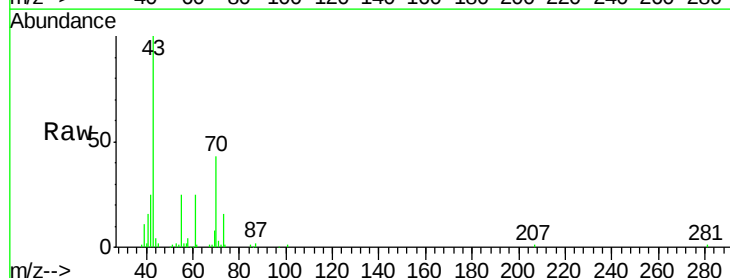
Ion Ratio Lower Upper

43 100

70 41.7 31.3 46.9

55 24.5 19.8 29.6

61 23.6 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

60000

50000

40000

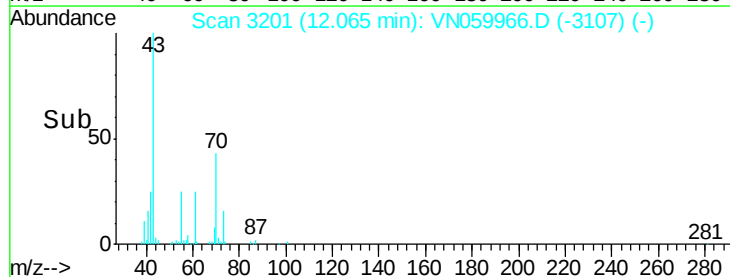
30000

20000

10000

0

Time--> 12.00 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 19.35 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBS01

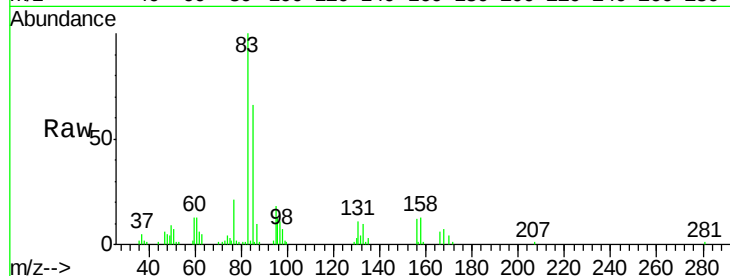
Tgt Ion: 83 Resp: 51937

Ion Ratio Lower Upper

83 100

131 10.7 5.0 14.9

85 65.2 31.9 95.5

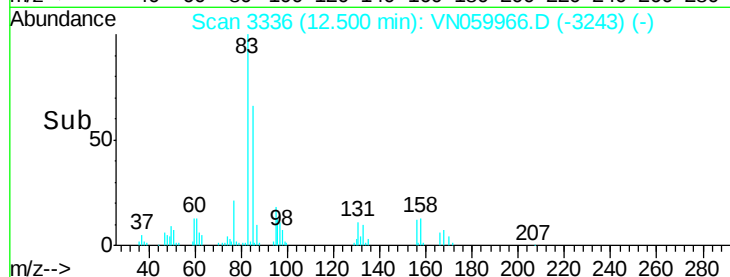


Abundance Ion 82.90 (82.60 to 83.60): VN059966.D (-3336) (-)

Ion 130.80 (130.50 to 131.50): VN059966.D (-3336) (-)

Ion 84.90 (84.60 to 85.60): VN059966.D (-3336) (-)

Time-->

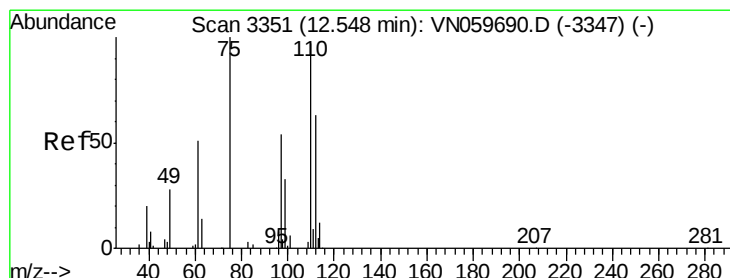


Abundance Ion 82.90 (82.60 to 83.60): VN059966.D (-3336) (-)

Ion 130.80 (130.50 to 131.50): VN059966.D (-3336) (-)

Ion 84.90 (84.60 to 85.60): VN059966.D (-3336) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 33.18 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059966.D

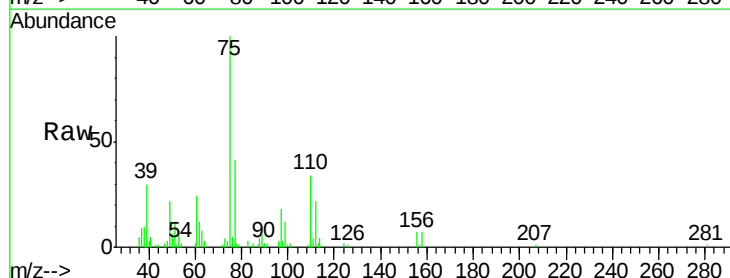
Acq: 3 Feb 2020 11:37

Tgt Ion: 75 Resp: 70495

Ion Ratio Lower Upper

75 100

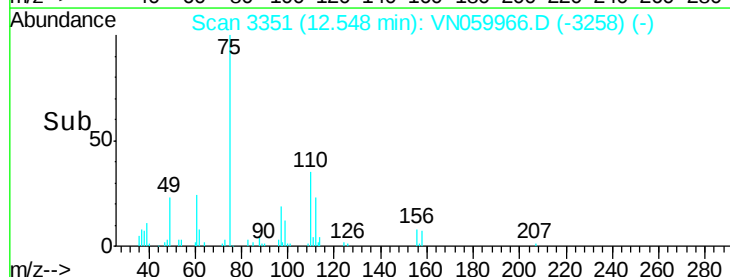
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059966.D (-3351) (-)

Ion 77.00 (76.70 to 77.70): VN059966.D (-3351) (-)

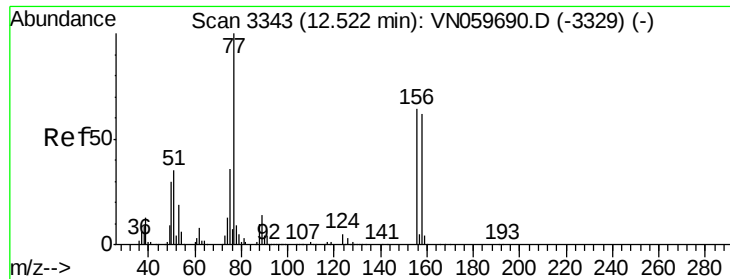
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VN059966.D (-3351) (-)

Ion 77.00 (76.70 to 77.70): VN059966.D (-3351) (-)

Time-->



#77

Bromobenzene

Concen: 19.48 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBS01

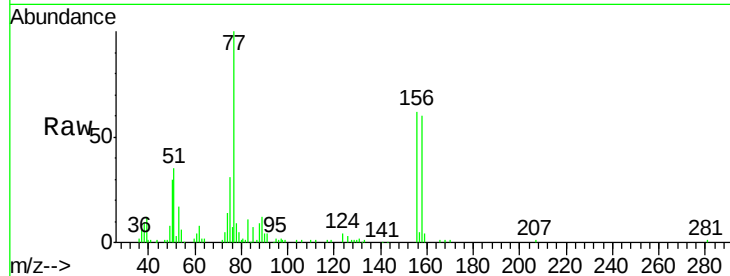
Tgt Ion:156 Resp: 45667

Ion Ratio Lower Upper

156 100

77 193.5 115.8 347.4

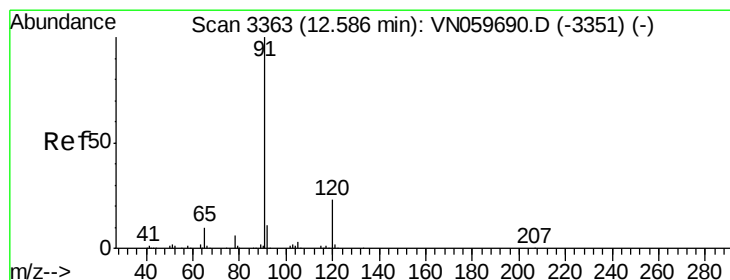
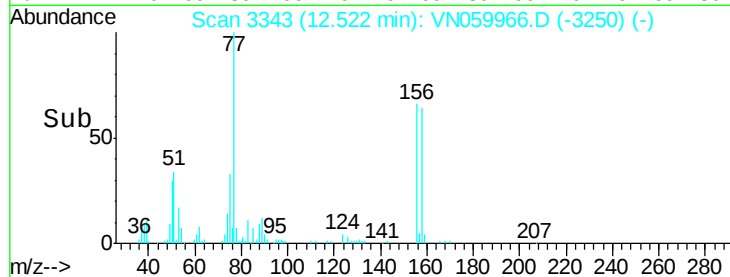
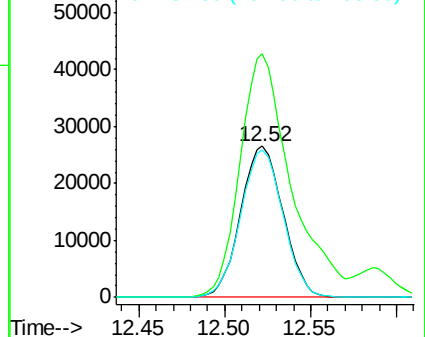
158 97.3 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.53 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059966.D

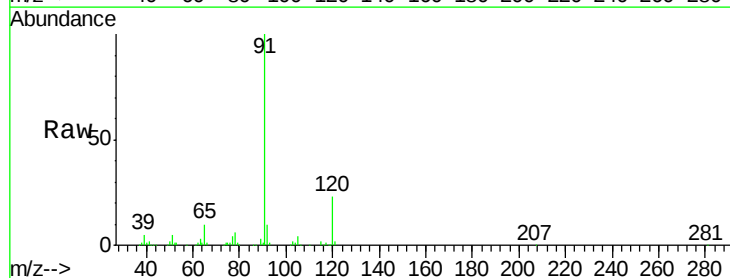
Acq: 3 Feb 2020 11:37

Tgt Ion: 91 Resp: 202920

Ion Ratio Lower Upper

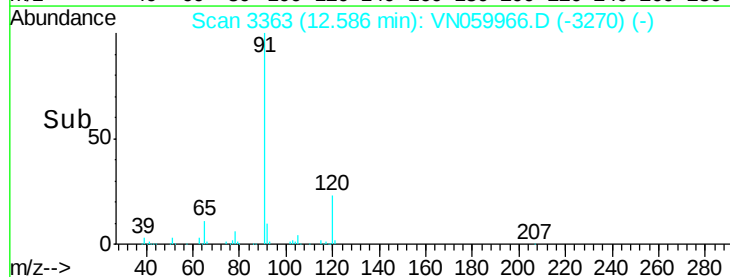
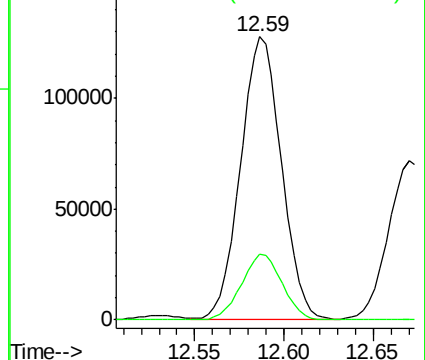
91 100

120 23.2 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.31 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

Instrument :

MSVOA_N

ClientSampleId :

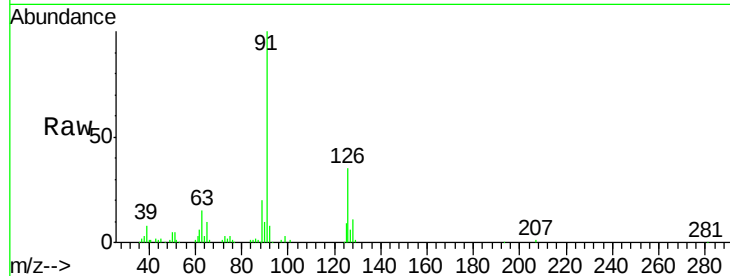
VN0203WBS01

Tgt Ion: 91 Resp: 119361

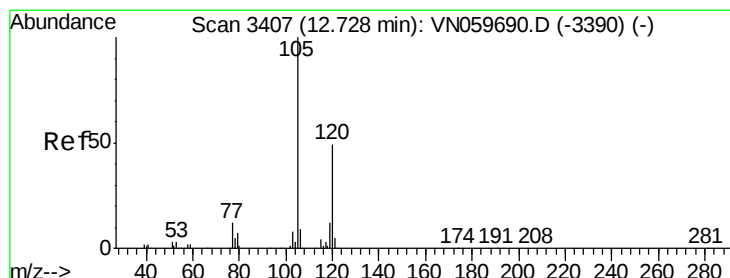
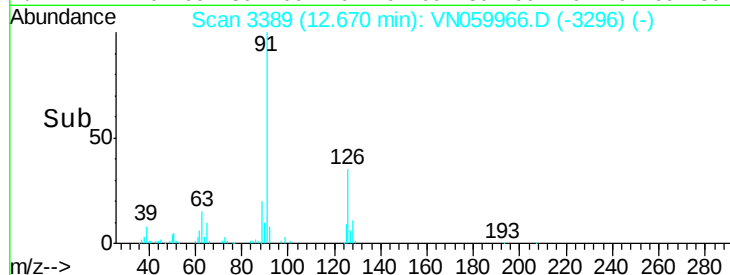
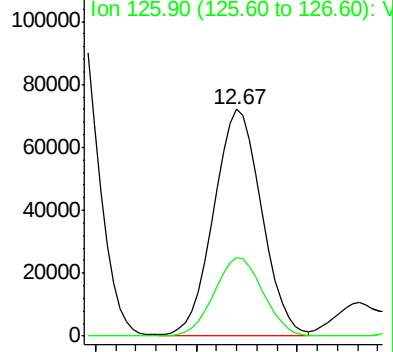
Ion Ratio Lower Upper

91 100

126 35.5 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VN059966.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.23 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN059966.D

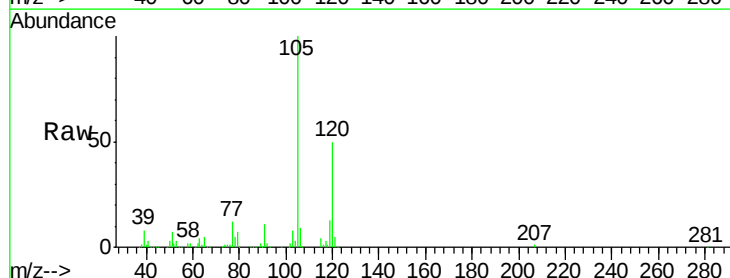
Acq: 3 Feb 2020 11:37

Tgt Ion: 105 Resp: 149707

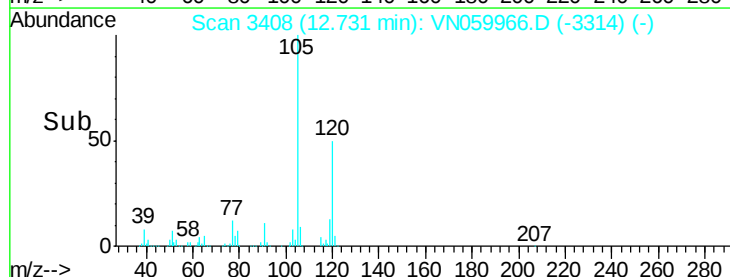
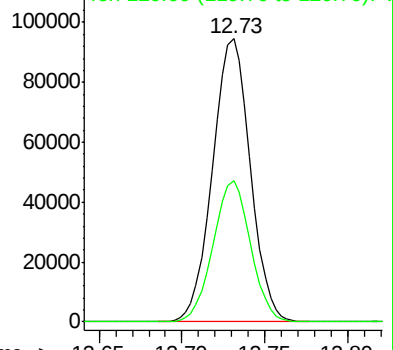
Ion Ratio Lower Upper

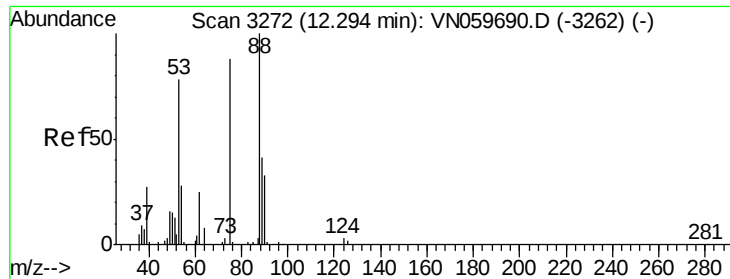
105 100

120 49.3 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059966.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.53 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBS01

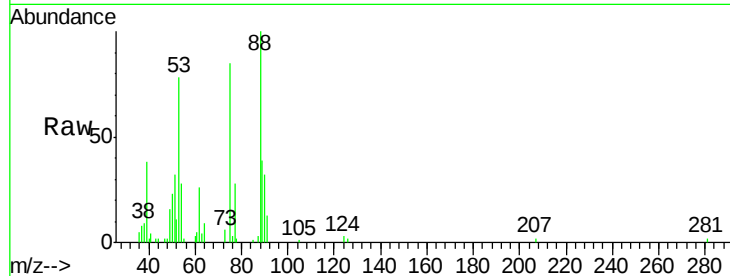
Tgt Ion: 75 Resp: 18336

Ion Ratio Lower Upper

75 100

53 92.2 78.1 117.1

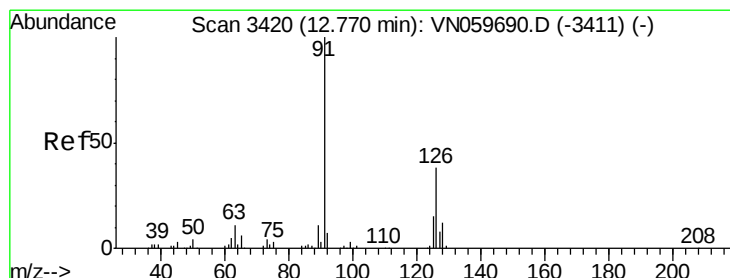
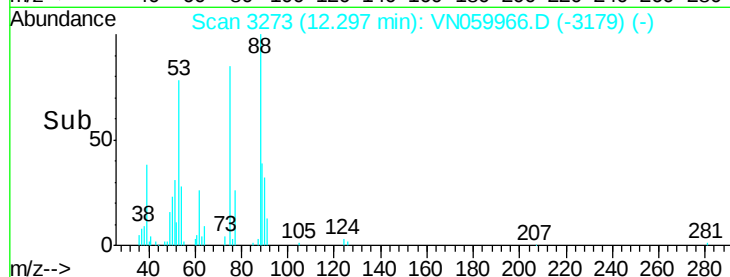
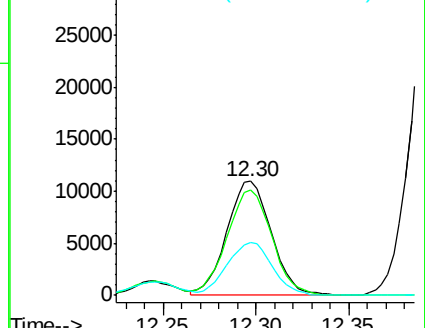
89 46.6 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.68 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059966.D

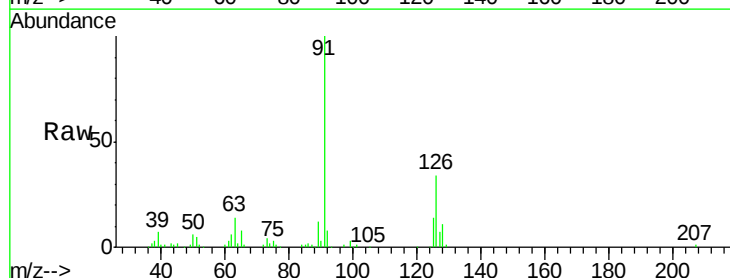
Acq: 3 Feb 2020 11:37

Tgt Ion: 91 Resp: 122048

Ion Ratio Lower Upper

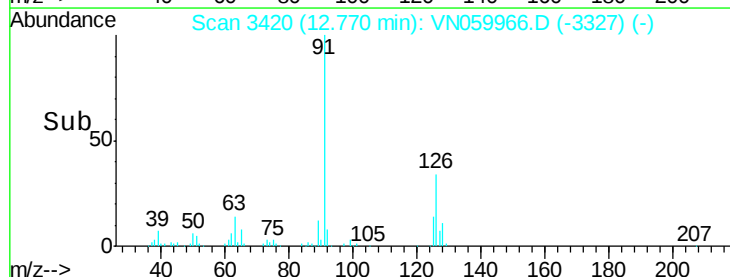
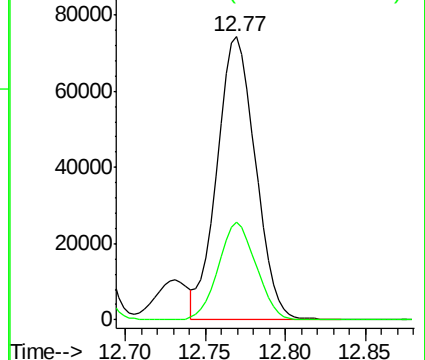
91 100

126 34.0 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.40 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

Instrument :

MSVOA_N

ClientSampled :

VN0203WBS01

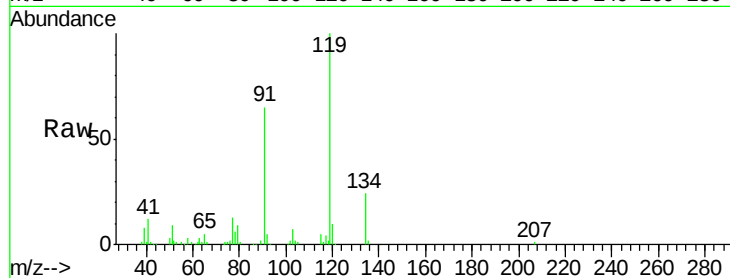
Tgt Ion:119 Resp: 130617

Ion Ratio Lower Upper

119 100

91 64.3 34.8 104.4

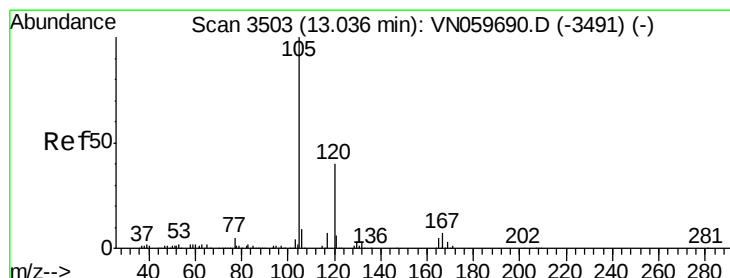
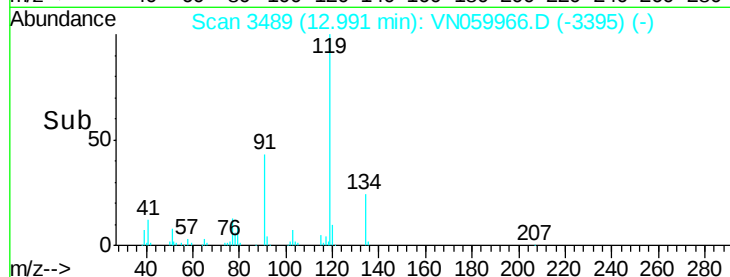
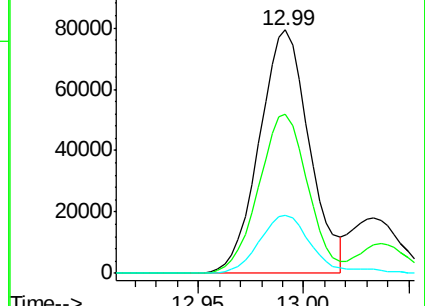
134 25.2 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.29 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN059966.D

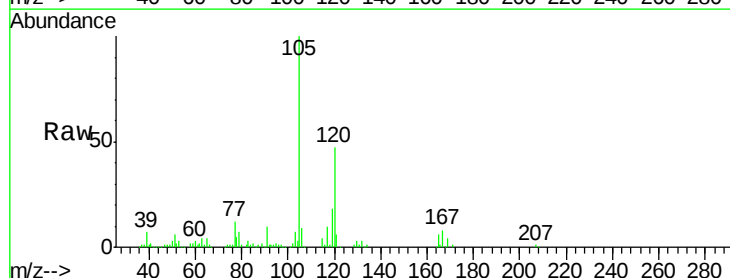
Acq: 3 Feb 2020 11:37

Tgt Ion:105 Resp: 148579

Ion Ratio Lower Upper

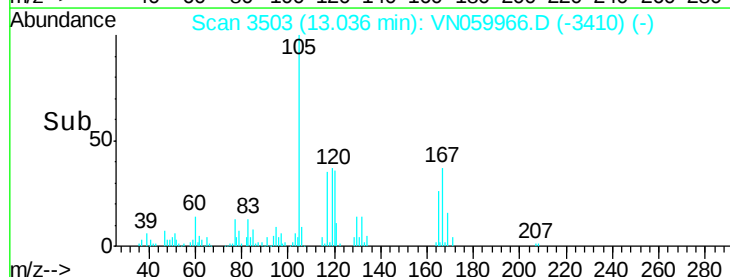
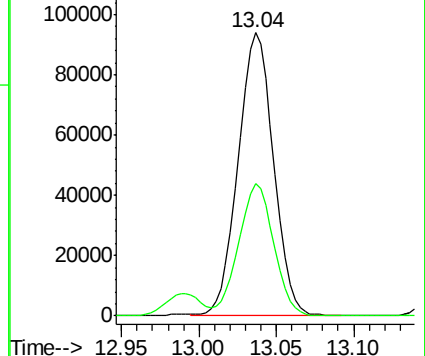
105 100

120 46.5 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

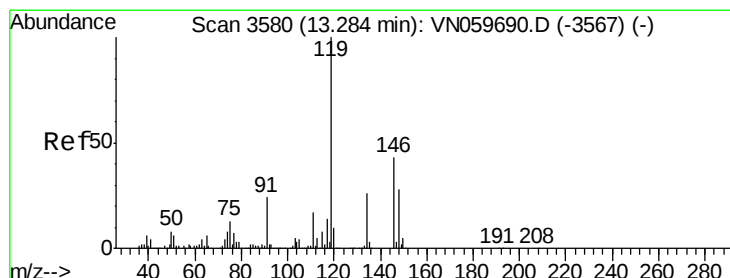
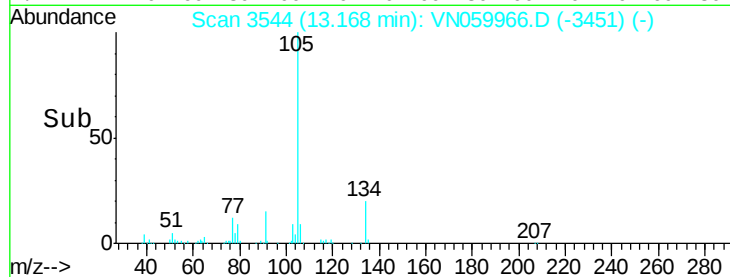
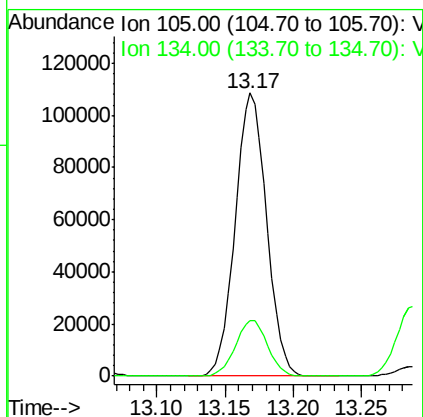
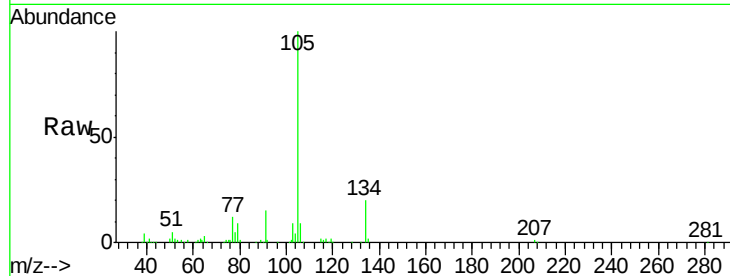




#85
 sec-Butylbenzene
 Concen: 19.59 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059966.D
 Acq: 3 Feb 2020 11:37

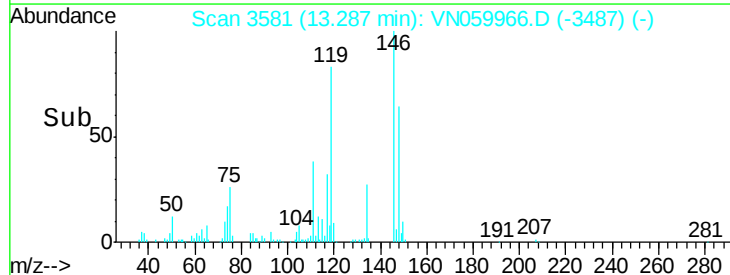
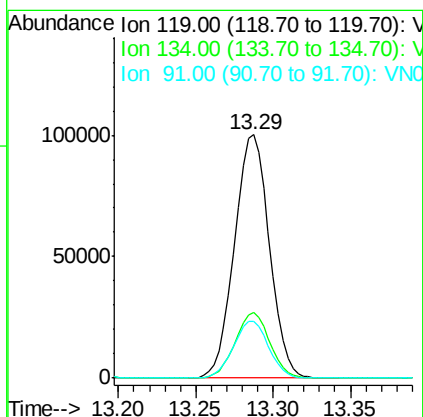
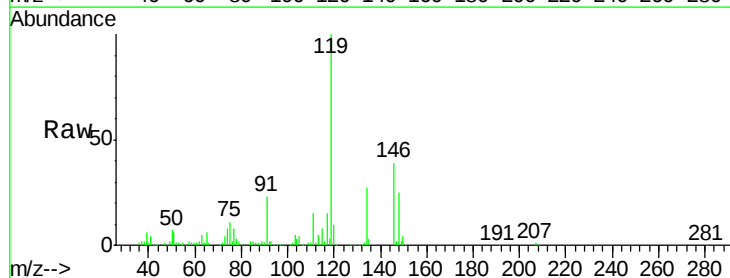
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBS01

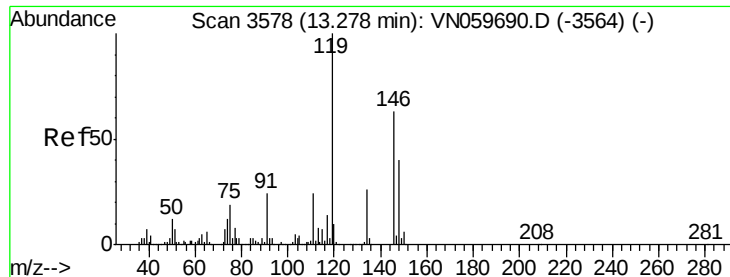
Tgt Ion:105 Resp: 173350
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 19.20 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN059966.D
 Acq: 3 Feb 2020 11:37

Tgt Ion:119 Resp: 157203
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.9 38.7
 91 23.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.74 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBS01

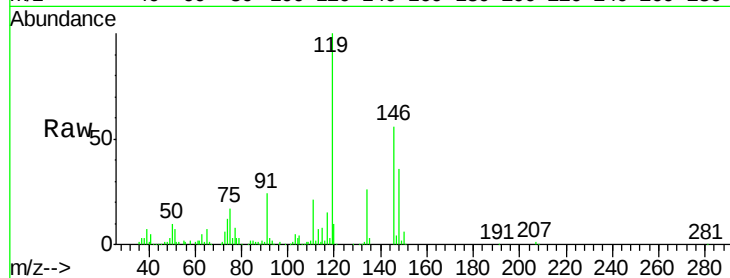
Tgt Ion:146 Resp: 80379

Ion Ratio Lower Upper

146 100

111 38.2 20.8 62.2

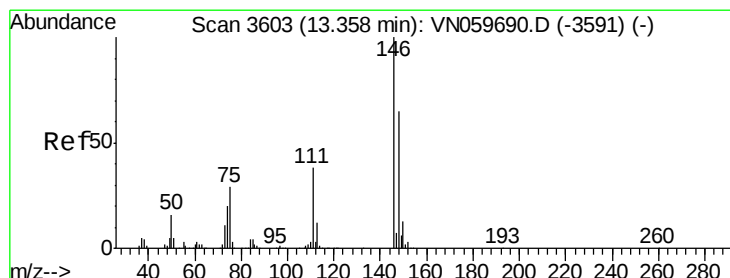
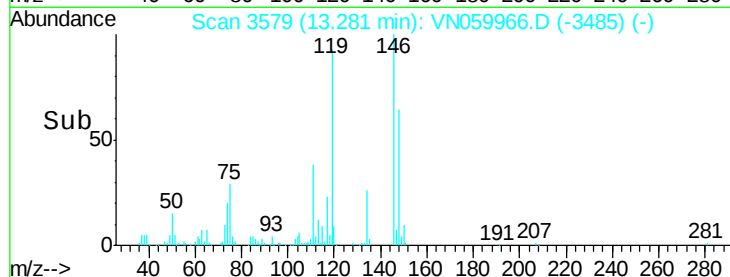
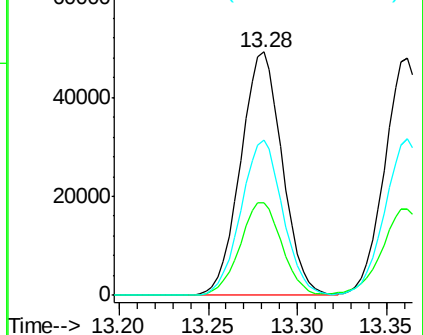
148 63.9 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.35 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

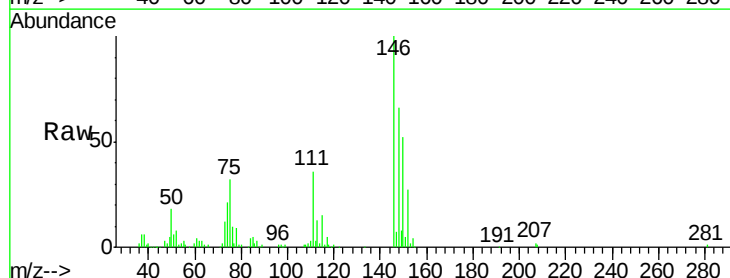
Tgt Ion:146 Resp: 78610

Ion Ratio Lower Upper

146 100

111 39.1 20.8 62.2

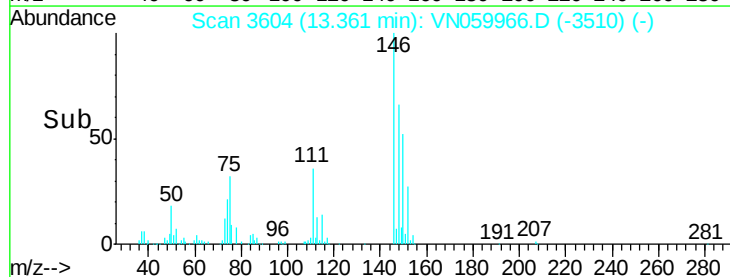
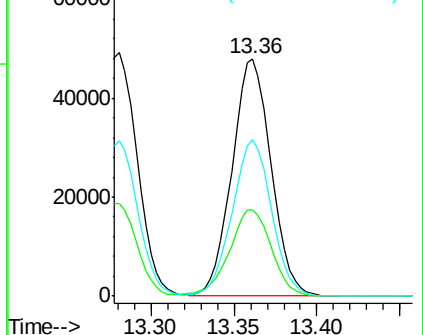
148 66.4 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

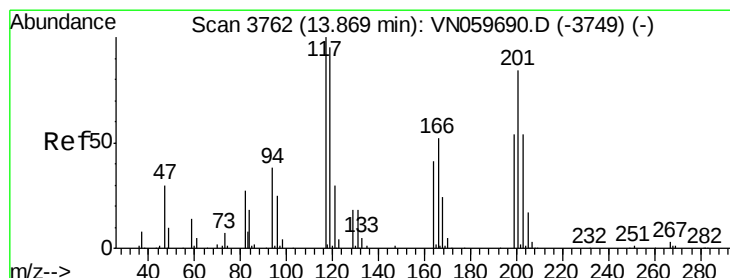
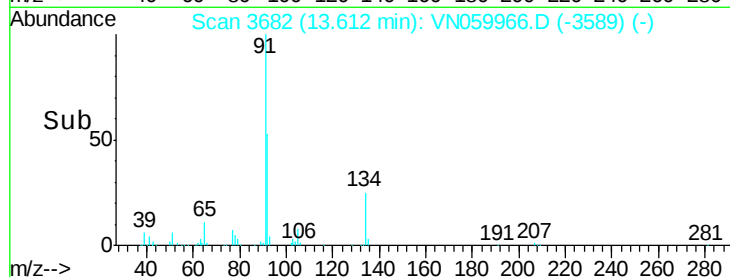
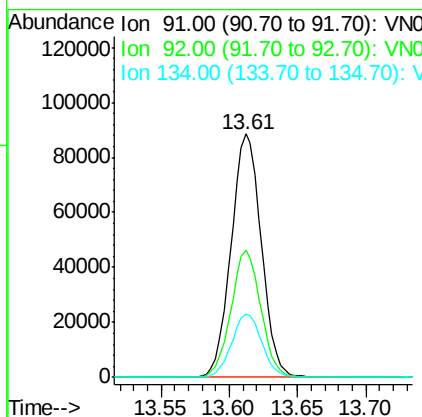
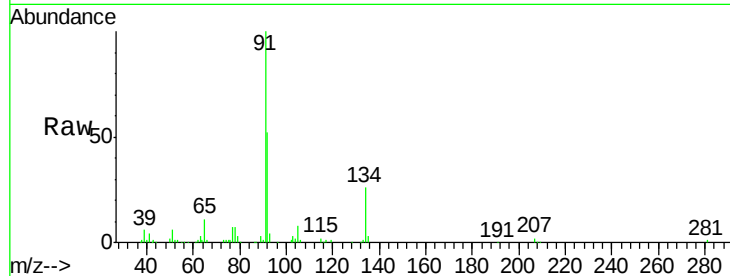




#89
n-Butylbenzene
Concen: 19.51 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059966.D
Acq: 3 Feb 2020 11:37

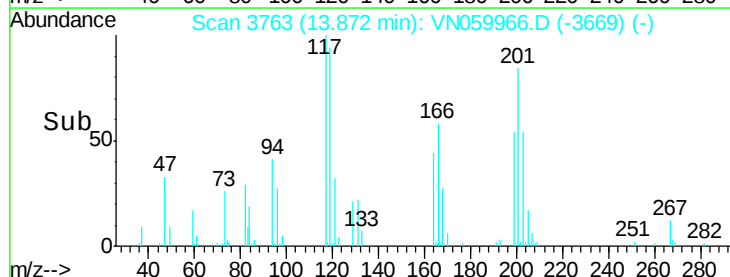
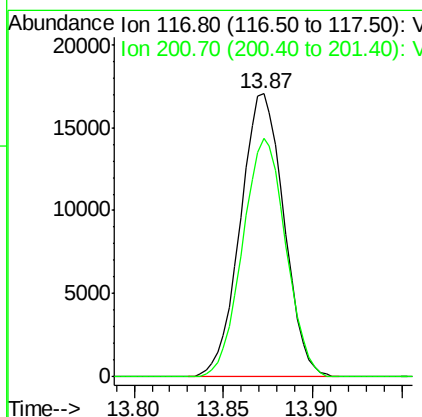
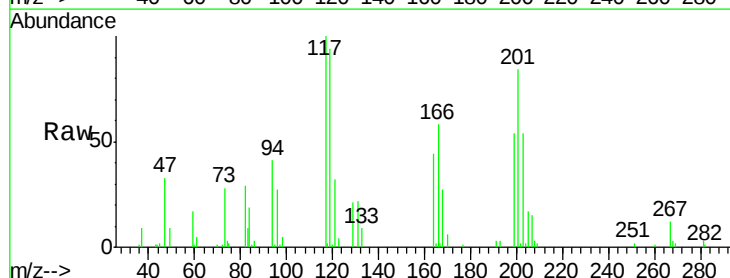
Instrument :
MSVOA_N
ClientSampled :
VN0203WBS01

Tgt Ion: 91 Resp: 136206
Ion Ratio Lower Upper
91 100
92 51.4 25.9 77.7
134 26.0 12.3 36.8



#90
Hexachloroethane
Concen: 18.95 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059966.D
Acq: 3 Feb 2020 11:37

Tgt Ion: 117 Resp: 29033
Ion Ratio Lower Upper
117 100
201 83.7 37.8 113.4





#91

1,2-Dichlorobenzene

Concen: 19.73 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBS01

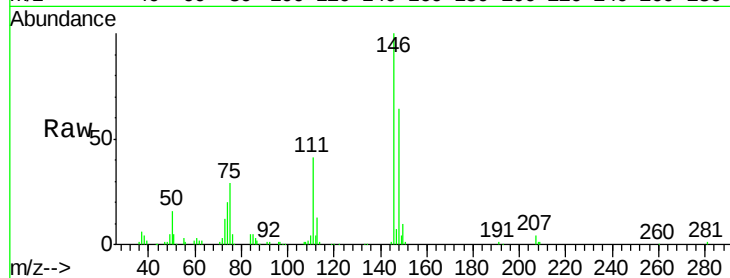
Tgt Ion:146 Resp: 79433

Ion Ratio Lower Upper

146 100

111 39.9 21.6 64.8

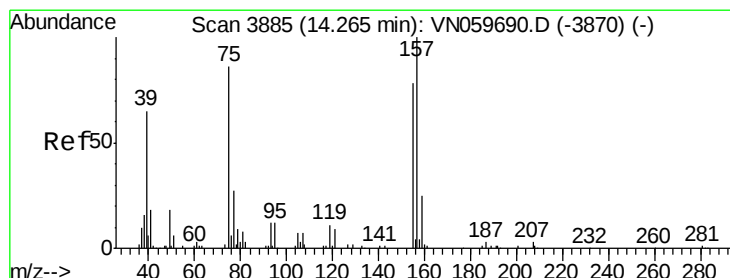
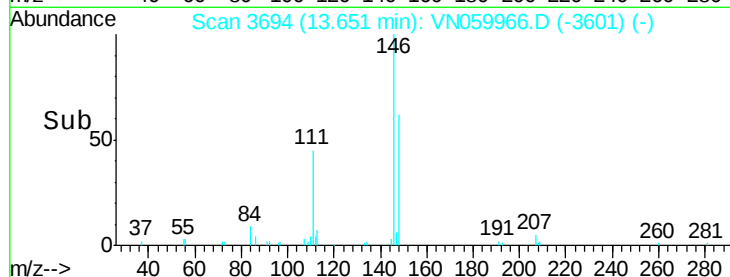
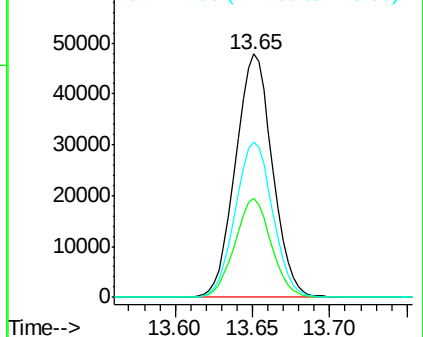
148 64.8 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.33 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

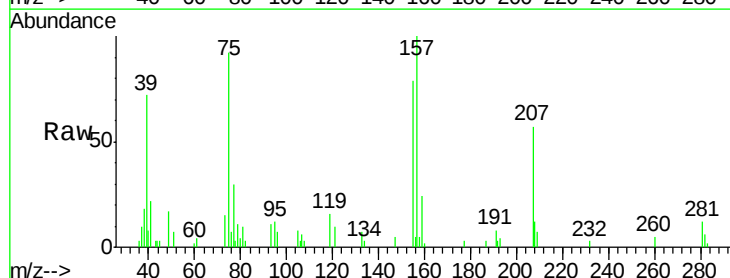
Tgt Ion: 75 Resp: 11324

Ion Ratio Lower Upper

75 100

155 83.4 37.0 110.9

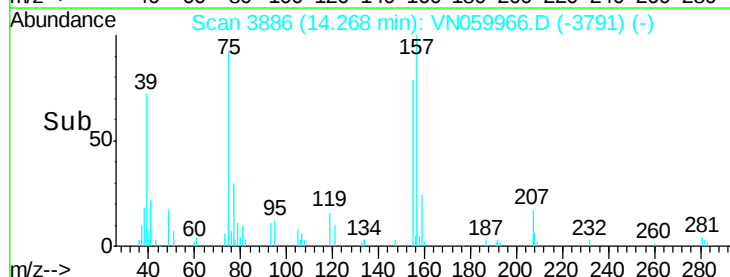
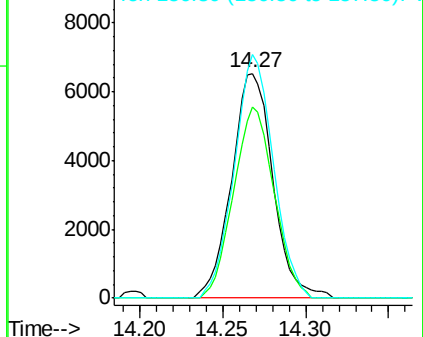
157 102.6 48.4 145.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 19.30 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBS01

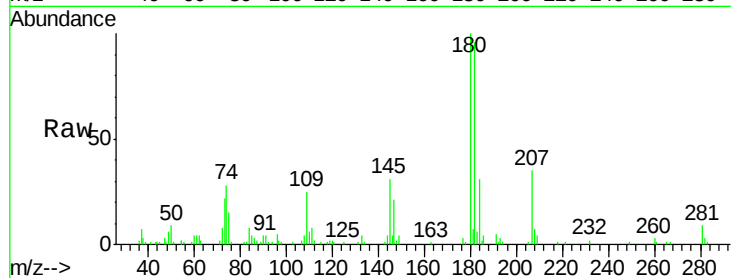
Tgt Ion:180 Resp: 46697

Ion Ratio Lower Upper

180 100

182 94.5 46.9 140.7

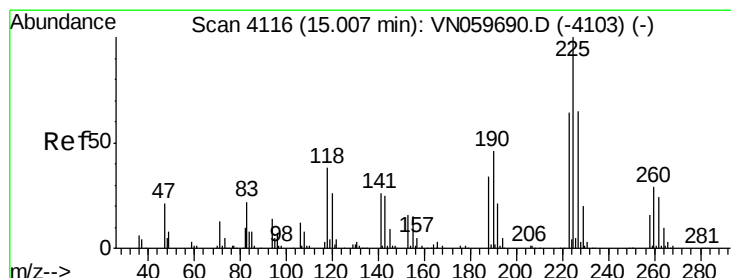
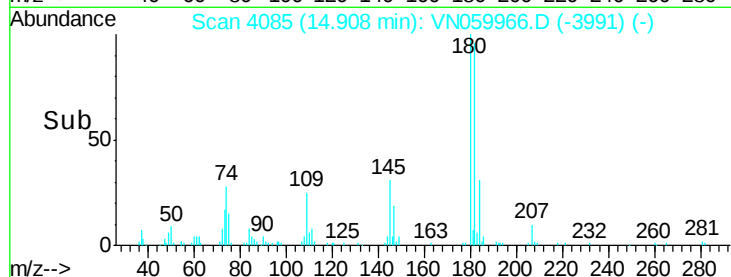
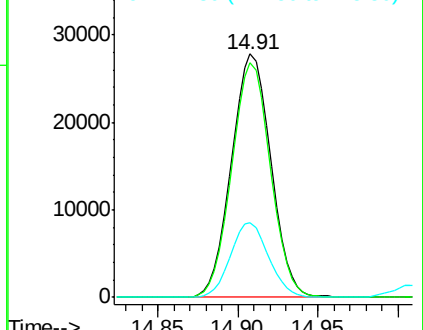
145 29.7 15.0 45.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.56 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

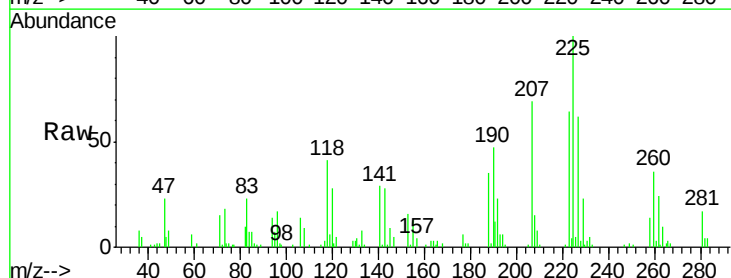
Tgt Ion:225 Resp: 26074

Ion Ratio Lower Upper

225 100

223 62.1 31.8 95.3

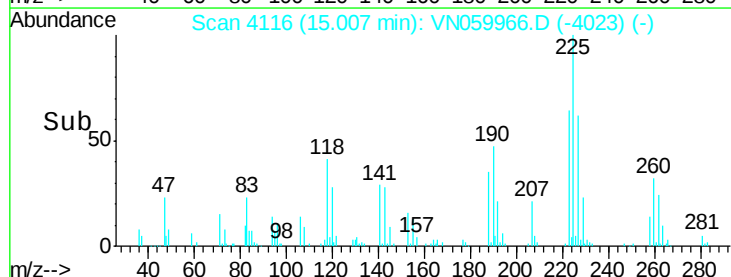
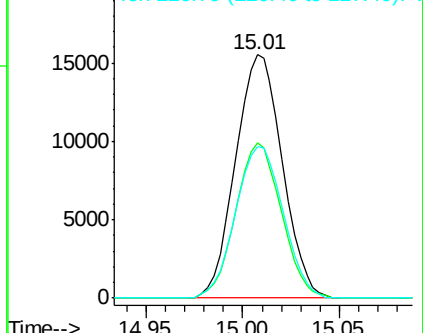
227 63.3 32.1 96.5



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: 18.04 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBS01

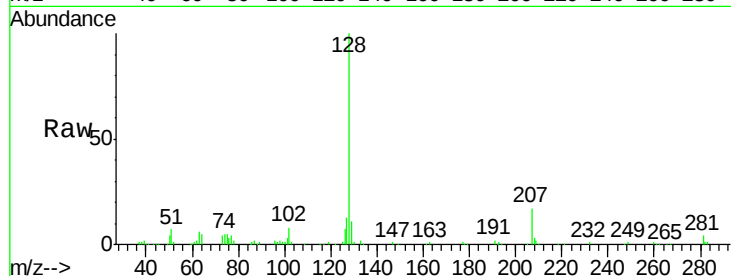
Tgt Ion:128 Resp: 124130

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

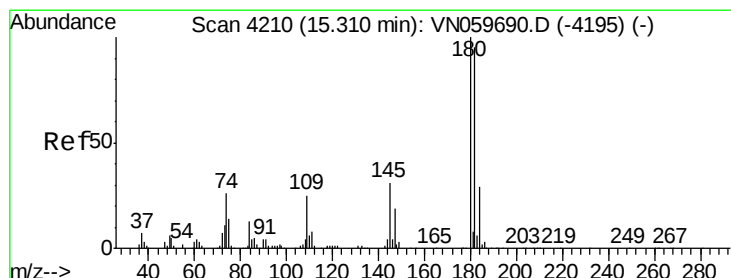
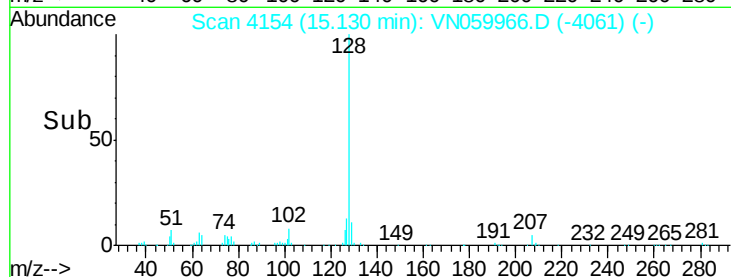
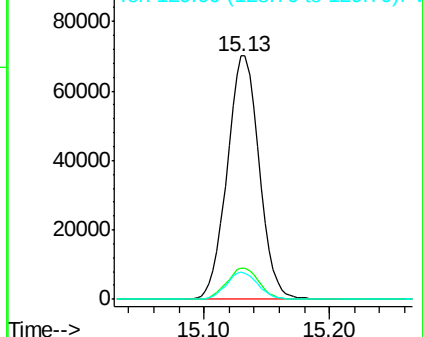
129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.51 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN059966.D

Acq: 3 Feb 2020 11:37

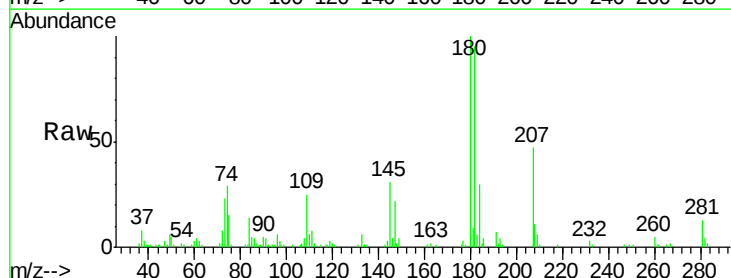
Tgt Ion:180 Resp: 45940

Ion Ratio Lower Upper

180 100

182 94.5 47.4 142.3

145 31.3 16.3 48.9



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

