

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN020320\
 Data File : VN059967.D
 Acq On : 3 Feb 2020 12:12
 Operator : JC/MD
 Sample : VN0203MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203MBS01

Quant Time: Feb 03 13:42:29 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	181078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	282773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	258061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	122513	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	103260	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
35) Dibromofluoromethane	7.57	113	83495	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	10.08	98	313140	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
62) 4-Bromofluorobenzene	12.40	95	112949	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	36458	16.73	ug/l	98
3) Chloromethane	2.04	50	36548	17.63	ug/l	98
4) Vinyl Chloride	2.17	62	46054	19.42	ug/l	99
5) Bromomethane	2.55	94	27876	19.26	ug/l	91
6) Chloroethane	2.69	64	21649	19.29	ug/l	95
7) Trichlorofluoromethane	3.00	101	54847	19.25	ug/l	97
8) Diethyl Ether	3.39	74	20553	20.56	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.74	101	31812	20.07	ug/l	92
10) Methyl Iodide	3.93	142	41969	16.38	ug/l	96
11) Tert butyl alcohol	4.73	59	33354	98.53	ug/l #	83
12) 1,1-Dichloroethene	3.72	96	30090	18.16	ug/l	88
13) Acrolein	3.58	56	13114	54.72	ug/l	94
14) Allyl chloride	4.29	41	43658	19.55	ug/l #	84
15) Acrylonitrile	4.95	53	81010	104.91	ug/l	99
16) Acetone	3.78	43	100226	141.80	ug/l	98
17) Carbon Disulfide	4.03	76	75428	15.98	ug/l	100
18) Methyl Acetate	4.29	43	48824	20.79	ug/l	92
19) Methyl tert-butyl Ether	5.00	73	113227	20.96	ug/l	98
20) Methylene Chloride	4.52	84	36181	19.09	ug/l	89
21) trans-1,2-Dichloroethene	5.01	96	32603	18.51	ug/l	92
22) Diisopropyl ether	5.92	45	105689	20.89	ug/l #	96
23) Vinyl Acetate	5.86	43	373961	95.45	ug/l	96
24) 1,1-Dichloroethane	5.82	63	62596	20.24	ug/l	98
25) 2-Butanone	6.80	43	117760	103.41	ug/l	91
26) 2,2-Dichloropropane	6.79	77	58962	19.84	ug/l	98
27) cis-1,2-Dichloroethene	6.80	96	40399	19.95	ug/l	89
28) Bromochloromethane	7.17	49	24831	20.09	ug/l #	78
29) Tetrahydrofuran	7.18	42	69536	98.69	ug/l	89
30) Chloroform	7.35	83	67394	21.04	ug/l	98
31) Cyclohexane	7.63	56	53751	18.07	ug/l #	88
32) 1,1,1-Trichloroethane	7.54	97	60544	20.44	ug/l	96
36) 1,1-Dichloropropene	7.77	75	47443	19.27	ug/l	97
37) Ethyl Acetate	6.90	43	44588	19.31	ug/l	97
38) Carbon Tetrachloride	7.75	117	51766	19.33	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	54413	17.92	ug/l	92
40) Benzene	8.02	78	141839	19.31	ug/l	99
41) Methacrylonitrile	7.18	41	65336	57.43	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	52183	20.96	ug/l	97
43) Isopropyl Acetate	8.14	43	77516	19.51	ug/l #	95
44) Trichloroethene	8.82	130	41364	20.63	ug/l	92
45) 1,2-Dichloropropane	9.10	63	38086	20.96	ug/l	98
46) Dibromomethane	9.19	93	26725	20.85	ug/l	93
47) Bromodichloromethane	9.39	83	53756	20.81	ug/l	98
48) Methyl methacrylate	9.18	41	32846	18.48	ug/l	89
49) 1,4-Dioxane	9.18	88	13545	416.39	ug/l	91
51) 4-Methyl-2-Pentanone	9.97	43	228540	99.52	ug/l	96
52) Toluene	10.14	92	91559	19.74	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	58638	20.33	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	62993	20.76	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	37642	20.49	ug/l	98
56) Ethyl methacrylate	10.42	69	53172	18.94	ug/l	93
57) 1,3-Dichloropropane	10.70	76	61549	21.10	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	86242	101.99	ug/l	92
59) 2-Hexanone	10.74	43	172331	101.86	ug/l	94
60) Dibromochloromethane	10.89	129	43392	20.74	ug/l	99
61) 1,2-Dibromoethane	11.00	107	39570	20.55	ug/l	99
64) Tetrachloroethene	10.62	164	48402	23.01	ug/l	96
65) Chlorobenzene	11.43	112	101332	19.98	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	40188	20.50	ug/l	98
67) Ethyl Benzene	11.51	91	179230	19.47	ug/l	97
68) m/p-Xylenes	11.62	106	134729	38.74	ug/l	94
69) o-Xylene	11.94	106	66219	19.45	ug/l	94
70) Styrene	11.96	104	105521	18.52	ug/l	97
71) Bromoform	12.12	173	32065	20.42	ug/l #	99
73) Isopropylbenzene	12.25	105	178473	19.86	ug/l	99
74) N-amyl acetate	12.07	43	64513	18.50	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	52329	20.09	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	70801	34.34	ug/l #	100
77) Bromobenzene	12.52	156	46223	20.31	ug/l	83
78) n-propylbenzene	12.59	91	195762	19.41	ug/l	97
79) 2-Chlorotoluene	12.67	91	118076	19.68	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	148293	19.62	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.29	75	18765	19.55	ug/l	95
82) 4-Chlorotoluene	12.77	91	120009	19.94	ug/l	95
83) tert-Butylbenzene	12.99	119	129197	19.77	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	147699	19.76	ug/l	99
85) sec-Butylbenzene	13.17	105	169861	19.78	ug/l	99
86) p-Isopropyltoluene	13.29	119	155989	19.63	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	79451	20.10	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	78666	19.95	ug/l	98
89) n-Butylbenzene	13.61	91	134216	19.81	ug/l	99
90) Hexachloroethane	13.87	117	28708	19.31	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	79898	20.45	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11250	18.82	ug/l	86

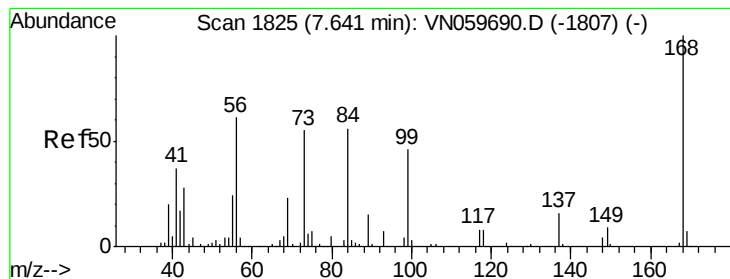
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	47336	20.16	ug/l	99
94) Hexachlorobutadiene	15.01	225	26344	20.36	ug/l	98
95) Naphthalene	15.13	128	128386	19.22	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	47946	20.98	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059967.D

Acq: 3 Feb 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

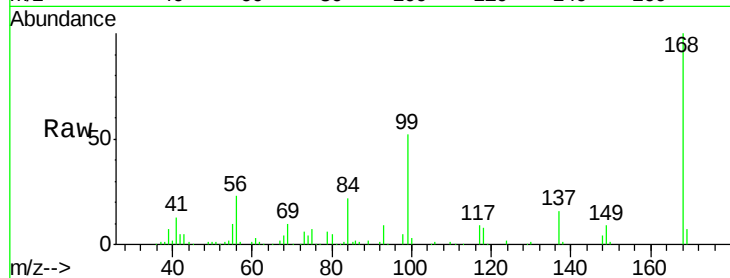
VN0203MBS01

Tgt Ion:168 Resp: 181078

Ion Ratio Lower Upper

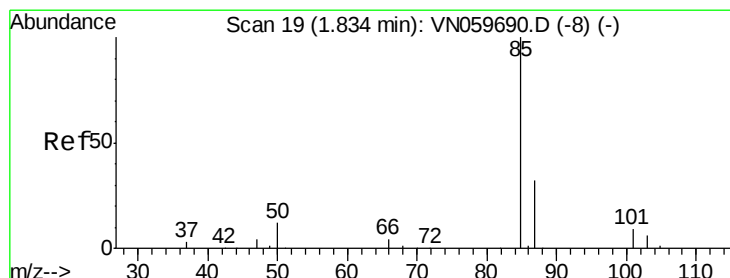
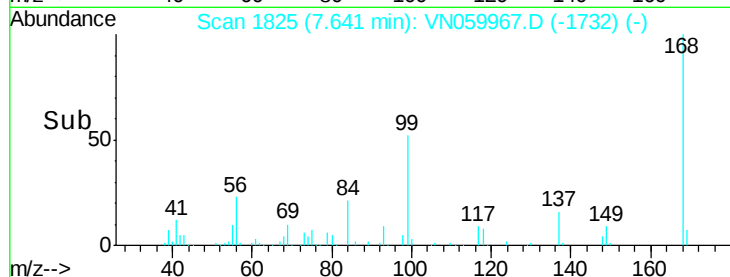
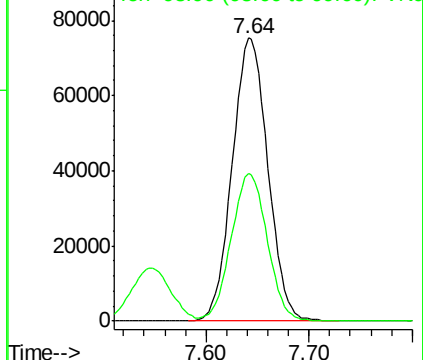
168 100

99 52.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 16.73 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059967.D

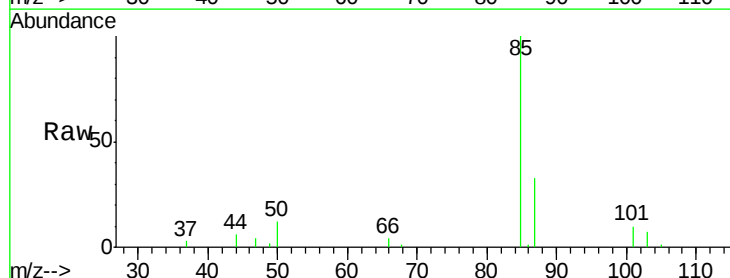
Acq: 3 Feb 2020 12:12

Tgt Ion: 85 Resp: 36458

Ion Ratio Lower Upper

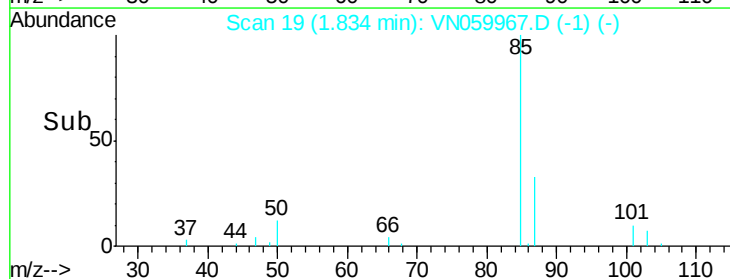
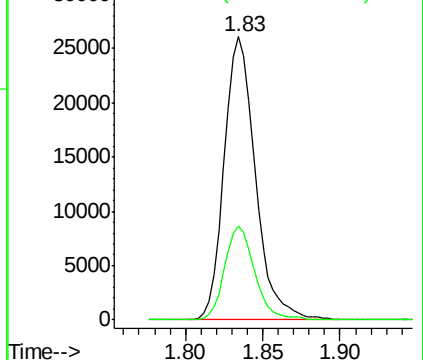
85 100

87 33.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 17.63 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059967.D

Acq: 3 Feb 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

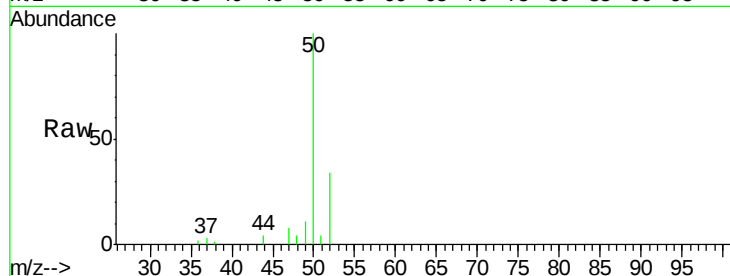
VN0203MBS01

Tgt Ion: 50 Resp: 36548

Ion Ratio Lower Upper

50 100

52 33.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

30000

25000

20000

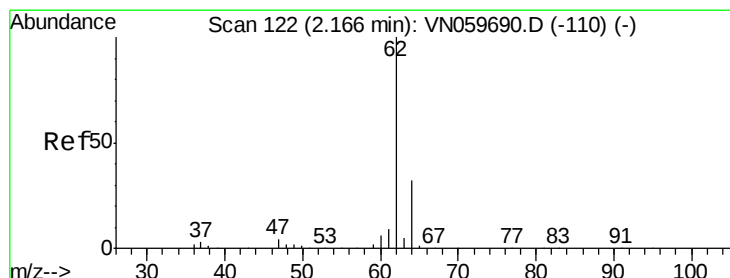
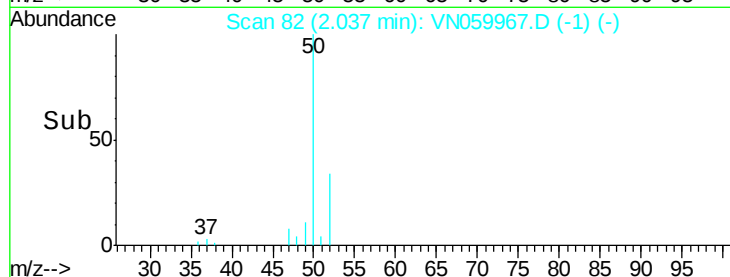
15000

10000

5000

0

Time-->



#4

Vinyl Chloride

Concen: 19.42 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059967.D

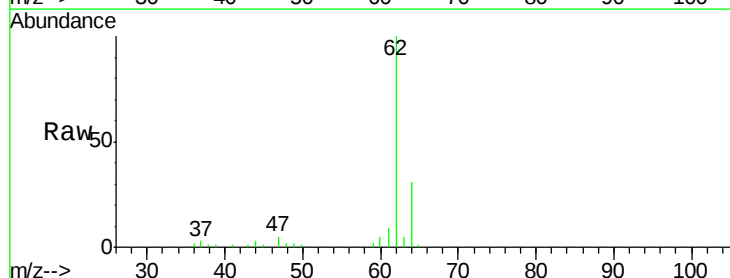
Acq: 3 Feb 2020 12:12

Tgt Ion: 62 Resp: 46054

Ion Ratio Lower Upper

62 100

64 31.2 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.17

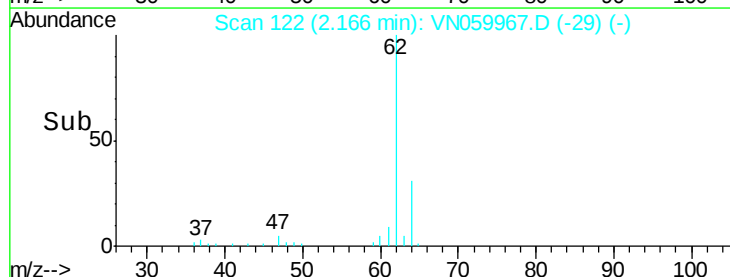
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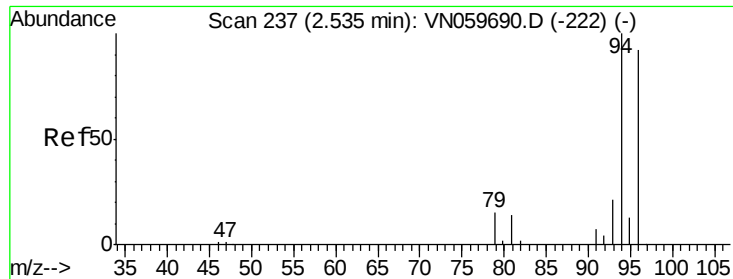
20000

10000

0

Time-->

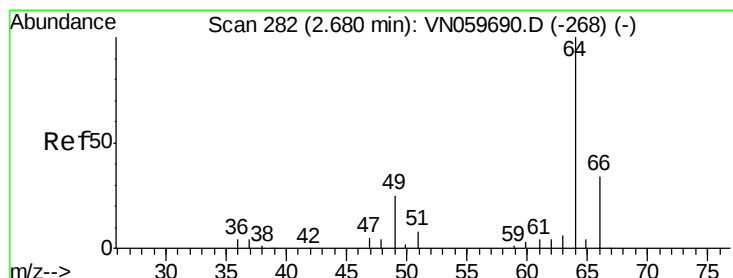
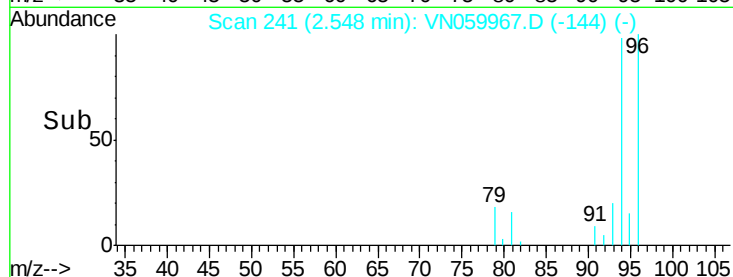
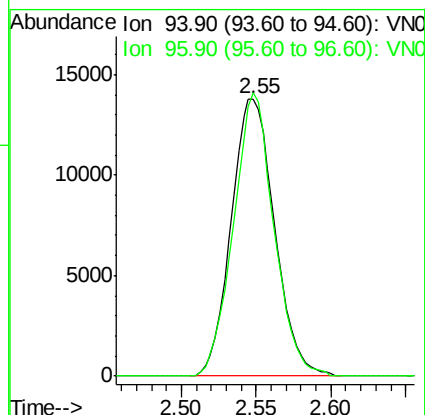
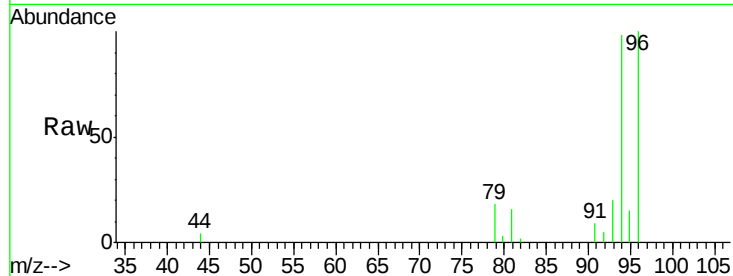




#5
Bromomethane
Concen: 19.26 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.01 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

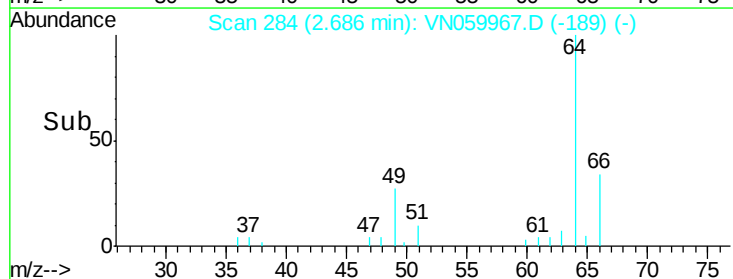
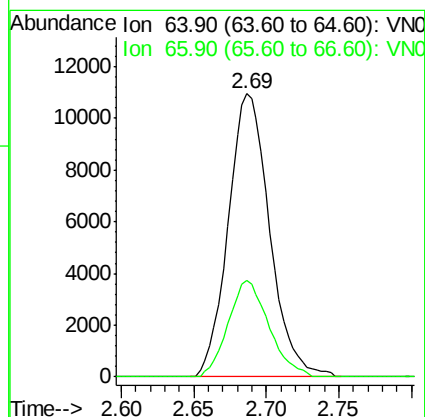
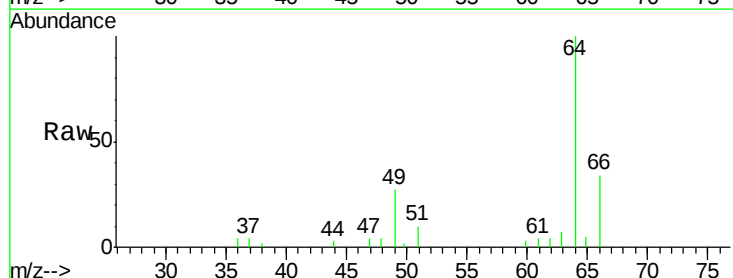
Instrument :
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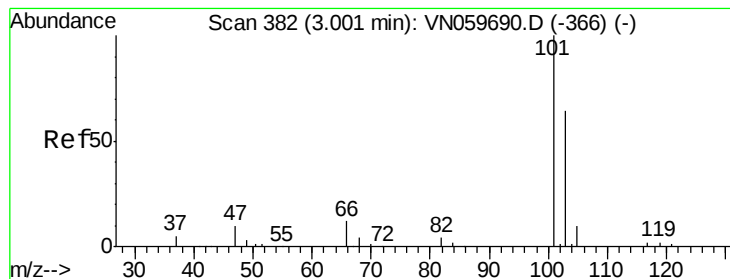
Tgt Ion: 94 Resp: 27876
Ion Ratio Lower Upper
94 100
96 102.1 74.7 112.1



#6
Chloroethane
Concen: 19.29 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.01 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

Tgt Ion: 64 Resp: 21649
Ion Ratio Lower Upper
64 100
66 34.0 25.1 37.7





#7

Trichlorofluoromethane

Concen: 19.25 ug/l

RT: 3.00 min Scan# 383

Delta R.T. 0.00 min

Lab File: VN059967.D

Acq: 3 Feb 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

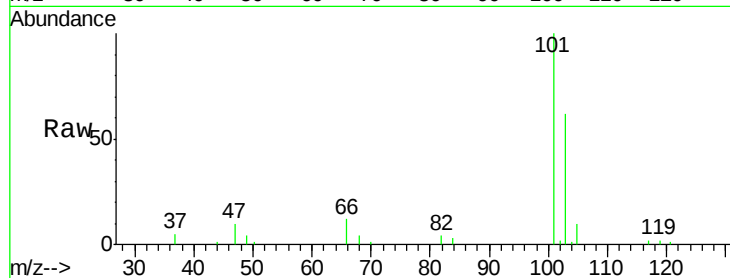
VN0203MBS01

Tgt Ion: 101 Resp: 54847

Ion Ratio Lower Upper

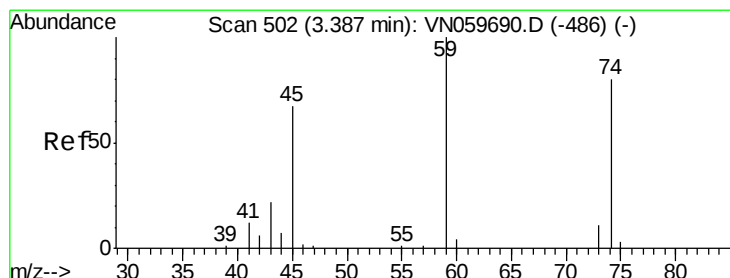
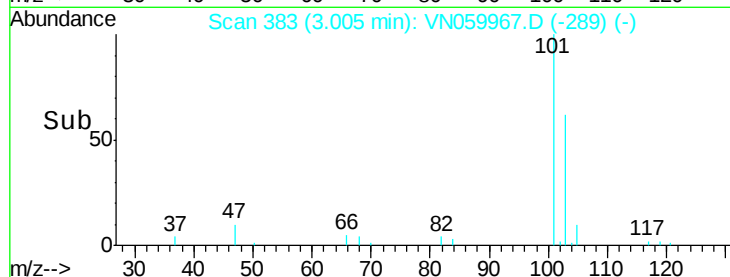
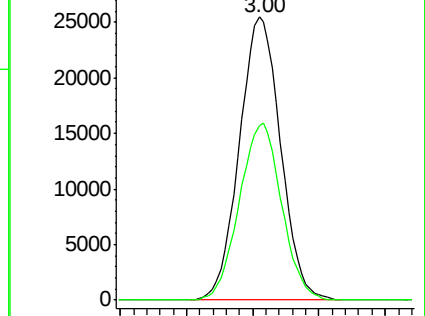
101 100

103 61.8 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: 20.56 ug/l

RT: 3.39 min Scan# 502

Delta R.T. 0.00 min

Lab File: VN059967.D

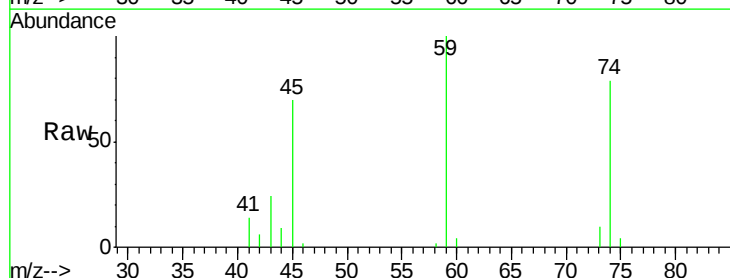
Acq: 3 Feb 2020 12:12

Tgt Ion: 74 Resp: 20553

Ion Ratio Lower Upper

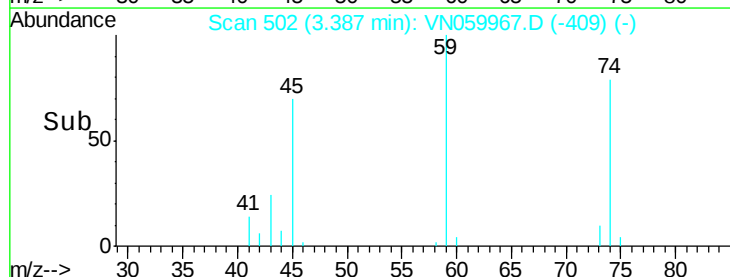
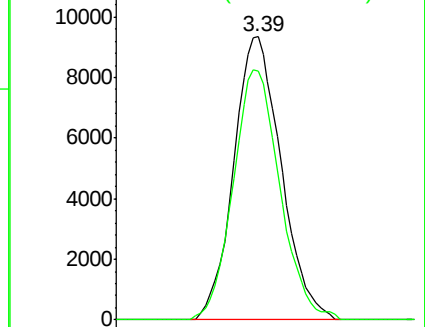
74 100

45 87.6 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

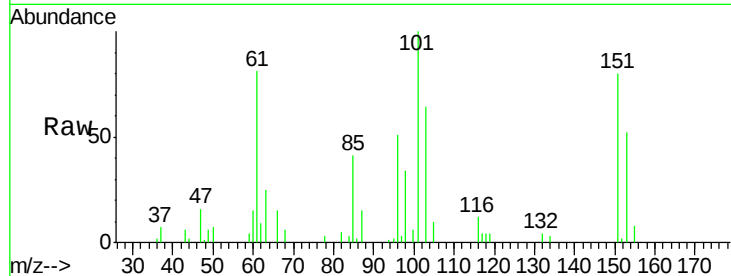




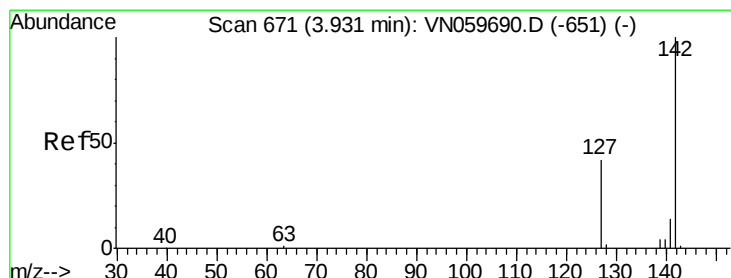
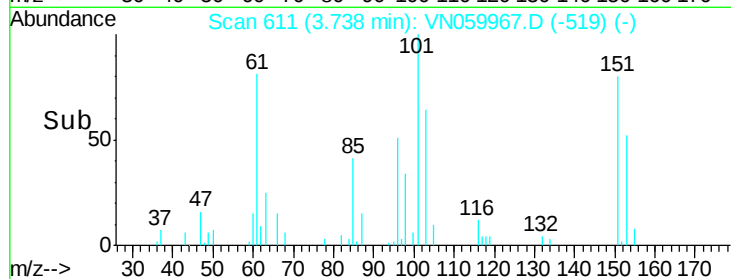
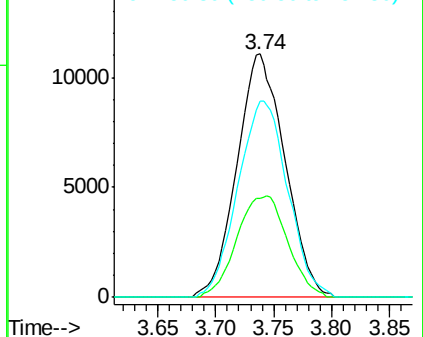
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.07 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN059967.D
 Acq: 3 Feb 2020 12:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203MBS01

Tgt Ion:101 Resp: 31812
 Ion Ratio Lower Upper
 101 100
 85 44.1 36.6 54.8
 151 83.8 59.7 89.5

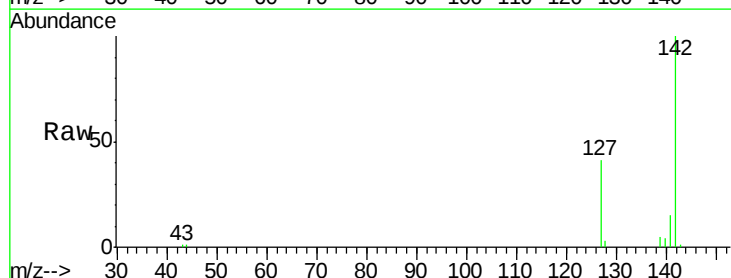


Abundance Ion 100.90 (100.60 to 101.60): V
 15000 Ion 84.90 (84.60 to 85.60): V
 10000 Ion 150.80 (150.50 to 151.50): V

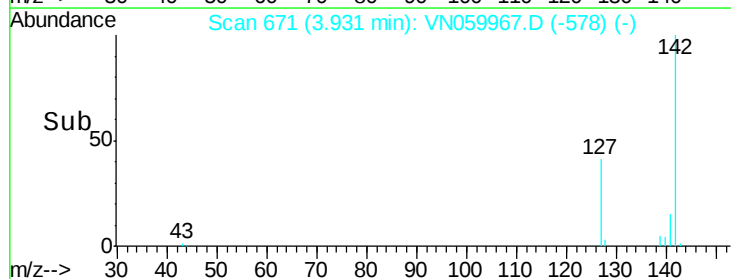
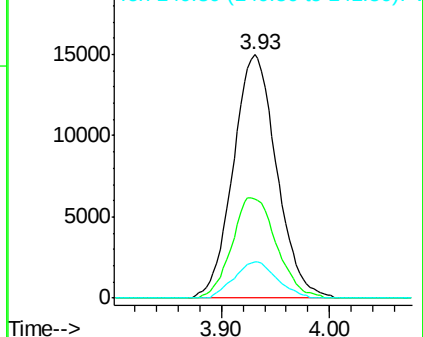


#10
 Methyl Iodide
 Concen: 16.38 ug/l
 RT: 3.93 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: VN059967.D
 Acq: 3 Feb 2020 12:12

Tgt Ion:142 Resp: 41969
 Ion Ratio Lower Upper
 142 100
 127 42.3 36.7 55.1
 141 14.7 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V
 20000 Ion 126.80 (126.50 to 127.50): V
 15000 Ion 140.80 (140.50 to 141.50): V



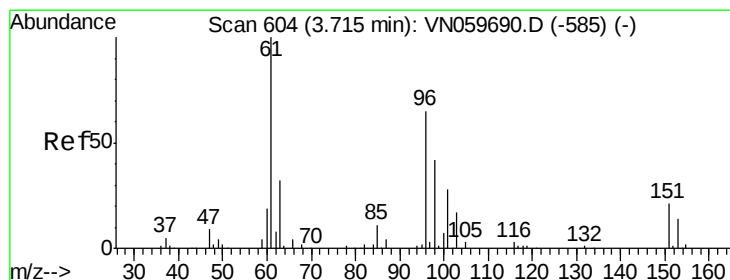
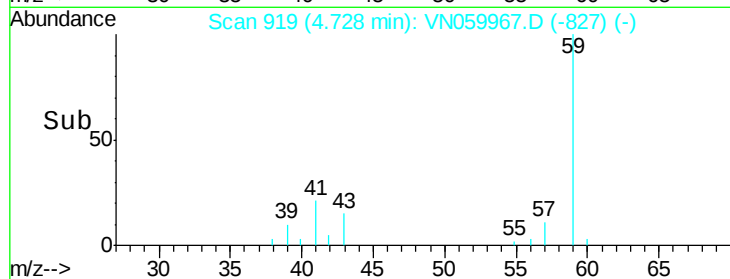
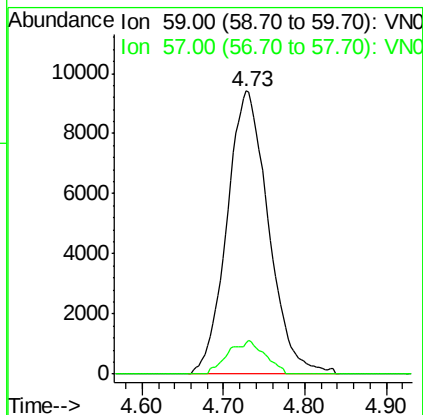
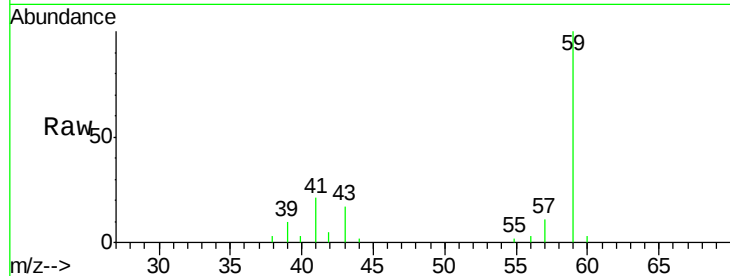


#11

Tert butyl alcohol
 Concen: 98.53 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VN059967.D
 Acq: 3 Feb 2020 12:12

Instrument :
 MSVOA_N
 ClientSampled :
 VN0203MBS01

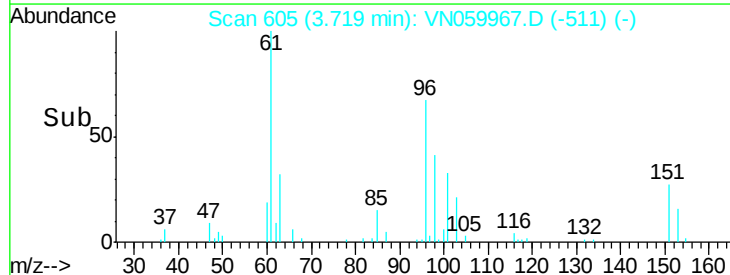
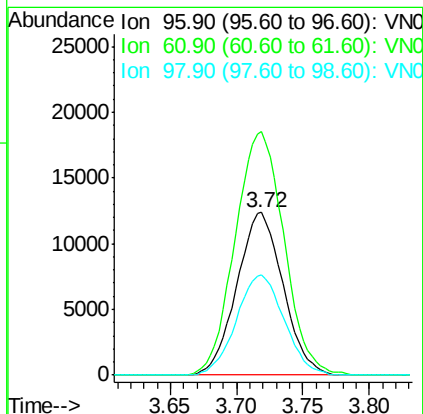
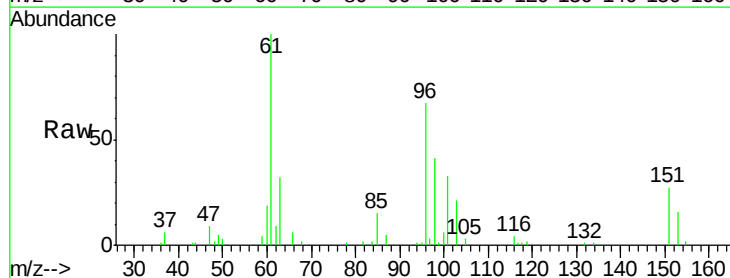
Tgt Ion: 59 Resp: 33354
 Ion Ratio Lower Upper
 59 100
 57 4.4 8.6 12.8#



#12

1,1-Dichloroethene
 Concen: 18.16 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VN059967.D
 Acq: 3 Feb 2020 12:12

Tgt Ion: 96 Resp: 30090
 Ion Ratio Lower Upper
 96 100
 61 149.7 137.5 206.3
 98 61.3 50.2 75.4





#13

Acrolein

Concen: 54.72 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059967.D

Acq: 3 Feb 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

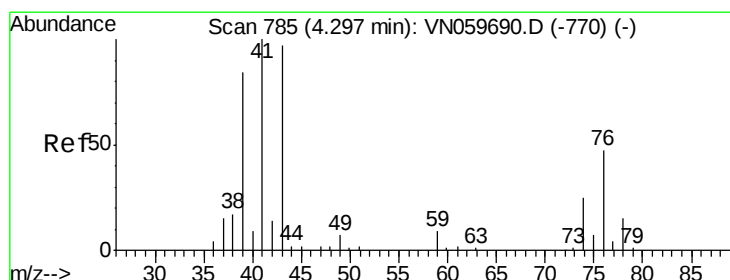
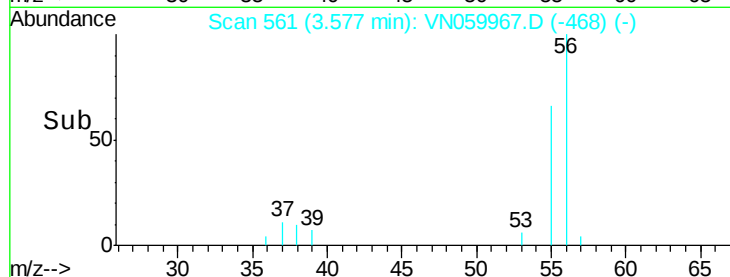
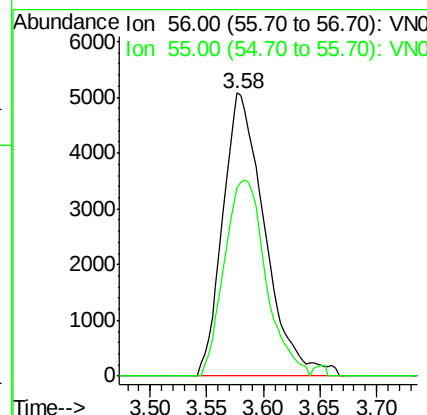
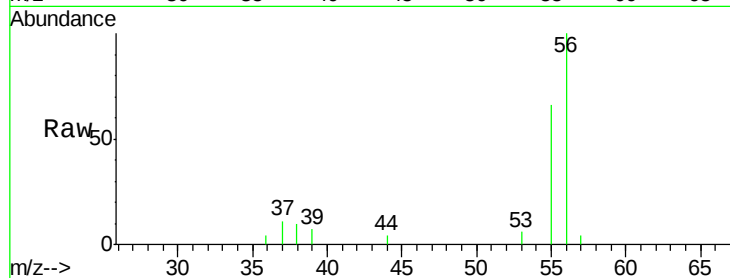
VN0203MBS01

Tgt Ion: 56 Resp: 13114

Ion Ratio Lower Upper

56 100

55 68.6 58.6 88.0



#14

Allyl chloride

Concen: 19.55 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059967.D

Acq: 3 Feb 2020 12:12

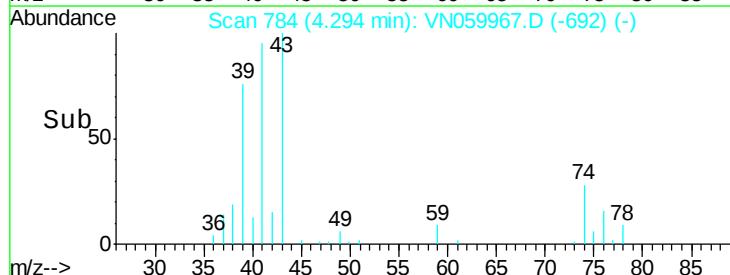
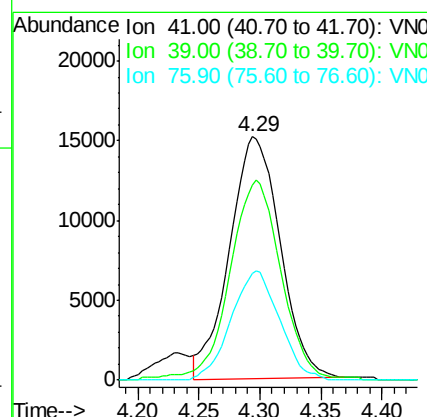
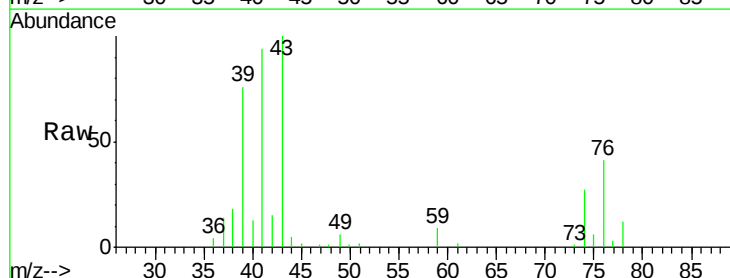
Tgt Ion: 41 Resp: 43658

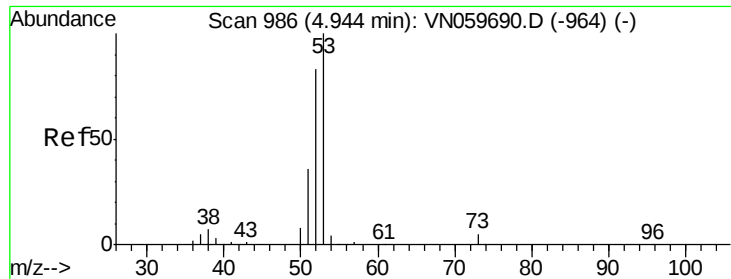
Ion Ratio Lower Upper

41 100

39 84.1 57.8 86.8

76 43.2 25.4 38.0#





#15

Acrylonitrile

Concen: 104.91 ug/l

RT: 4.95 min Scan# 987

Delta R.T. 0.00 min

Lab File: VN059967.D

Acq: 3 Feb 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0203MBS01

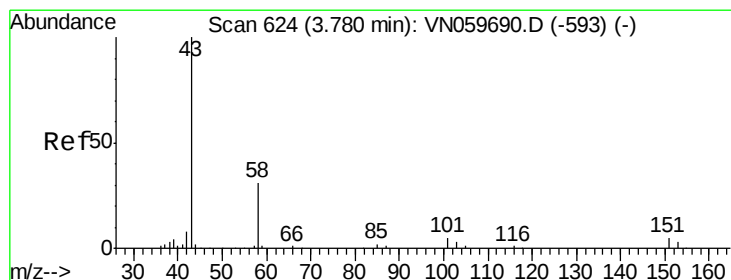
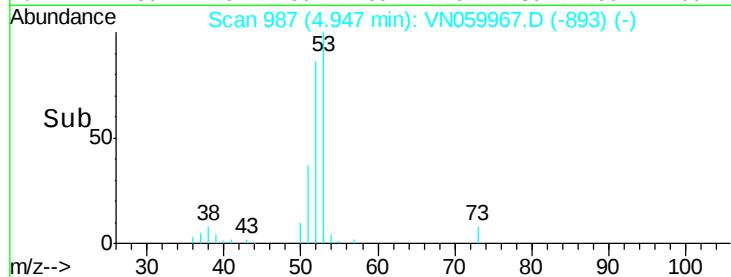
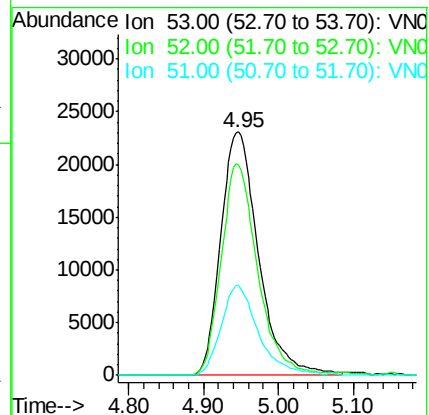
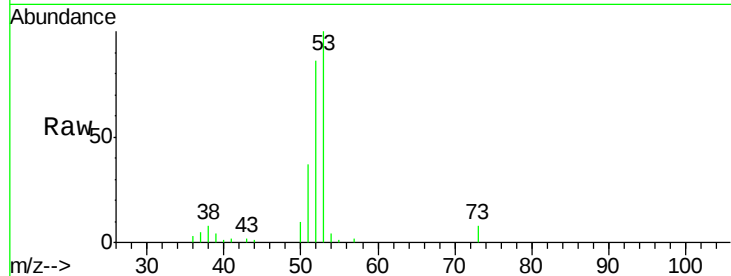
Tgt Ion: 53 Resp: 81010

Ion Ratio Lower Upper

53 100

52 83.3 66.3 99.5

51 36.5 29.7 44.5



#16

Acetone

Concen: 141.80 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN059967.D

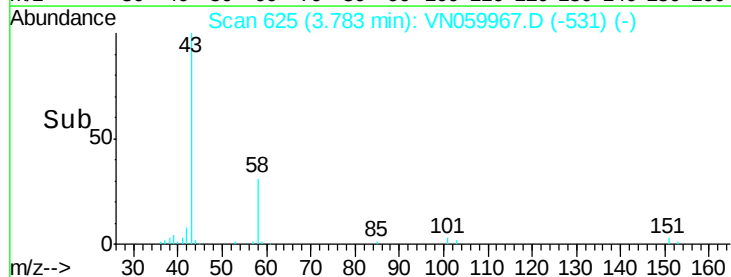
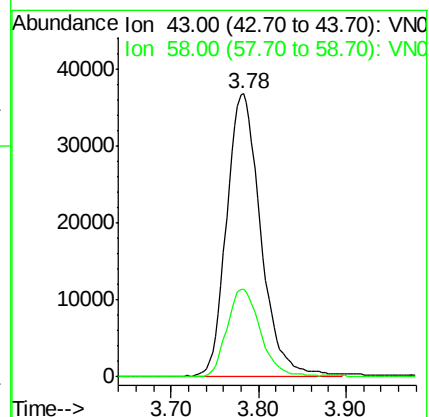
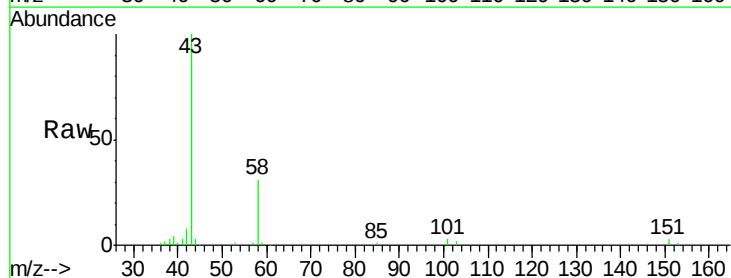
Acq: 3 Feb 2020 12:12

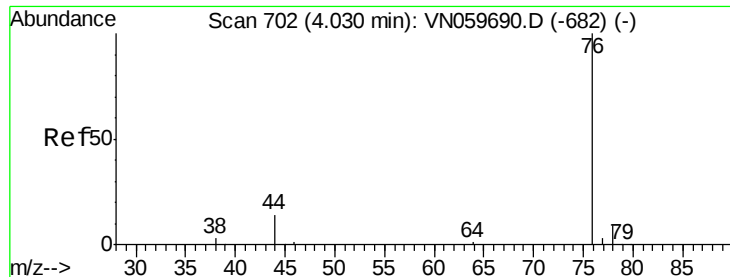
Tgt Ion: 43 Resp: 100226

Ion Ratio Lower Upper

43 100

58 30.8 23.6 35.4

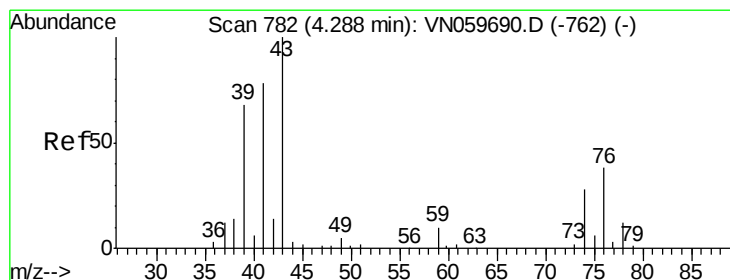
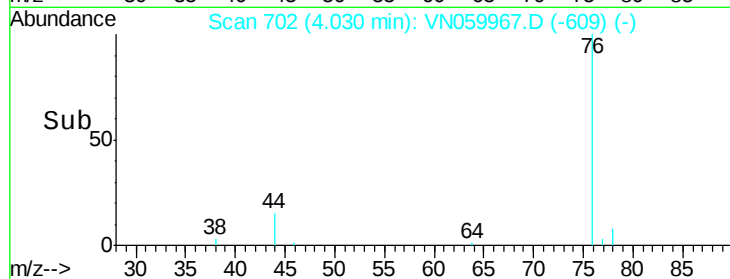
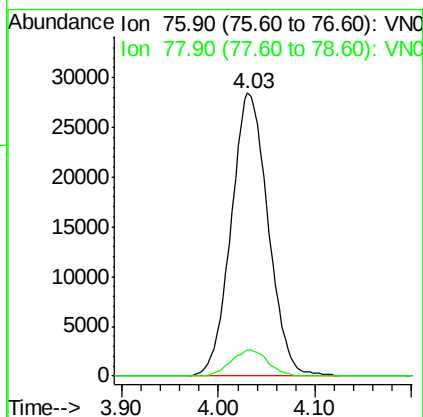
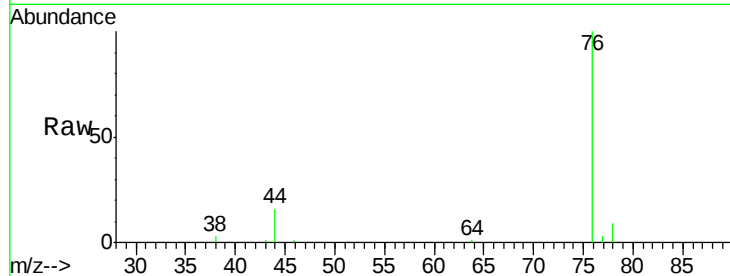




#17
Carbon Disulfide
Concen: 15.98 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

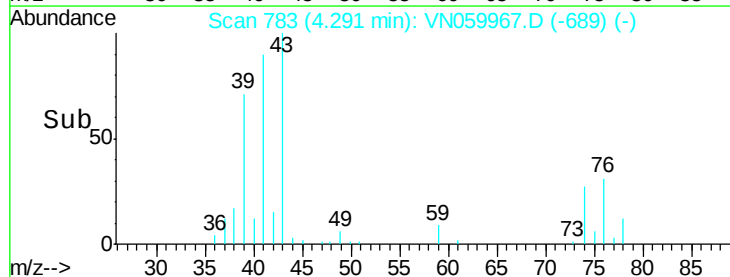
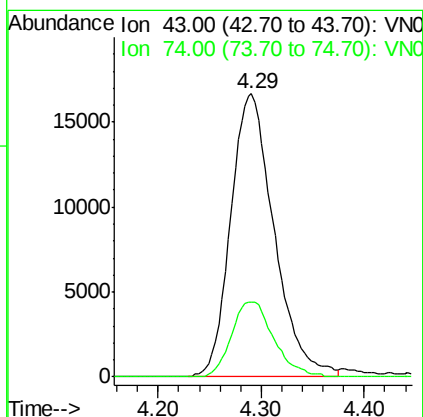
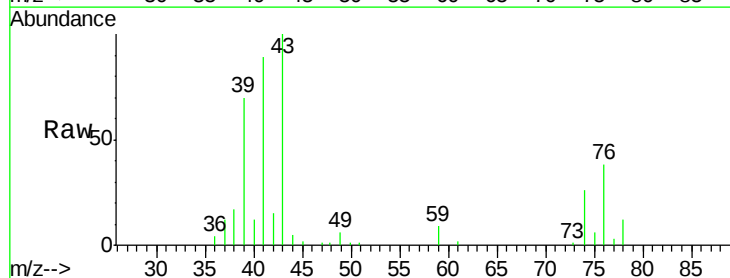
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01

Tgt Ion: 76 Resp: 75428
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 20.79 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.00 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

Tgt Ion: 43 Resp: 48824
Ion Ratio Lower Upper
43 100
74 25.8 17.5 26.3

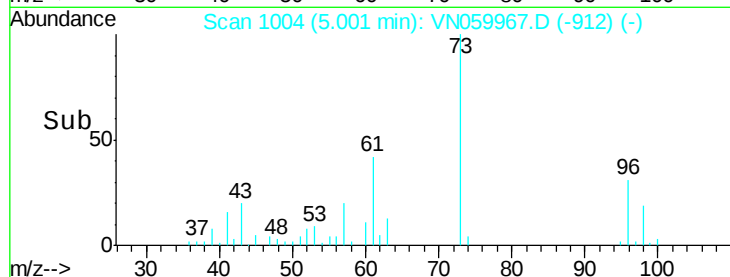
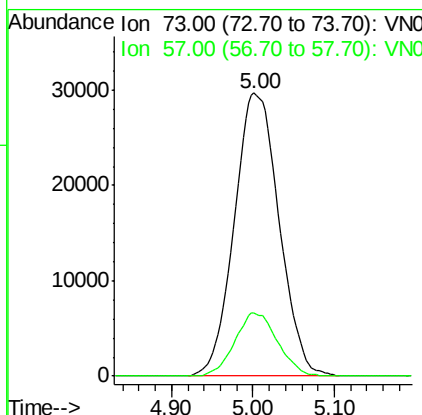
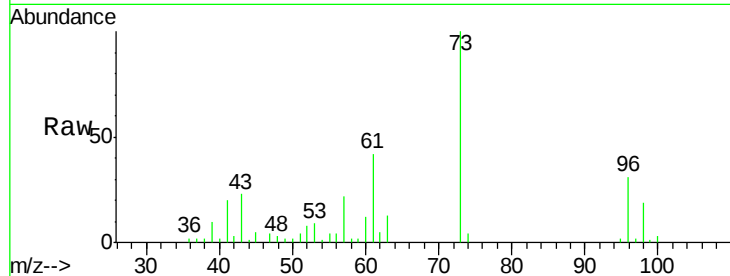




#19
Methyl tert-butyl Ether
Concen: 20.96 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

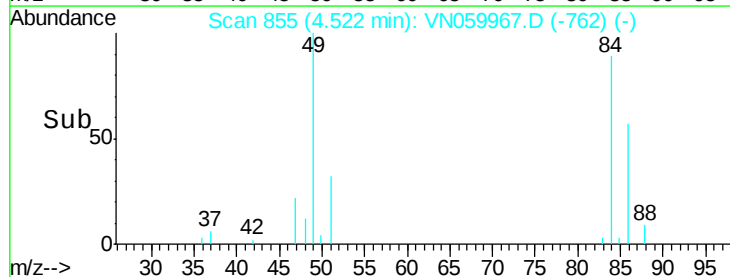
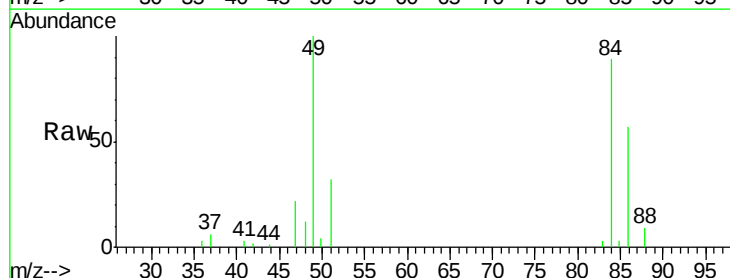
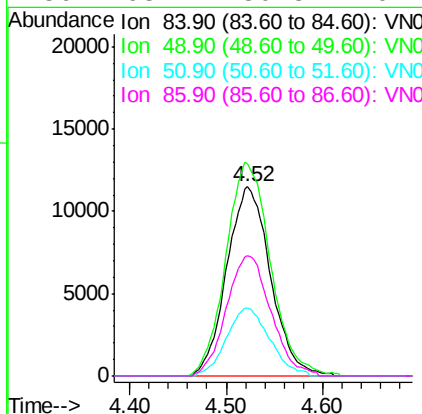
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01

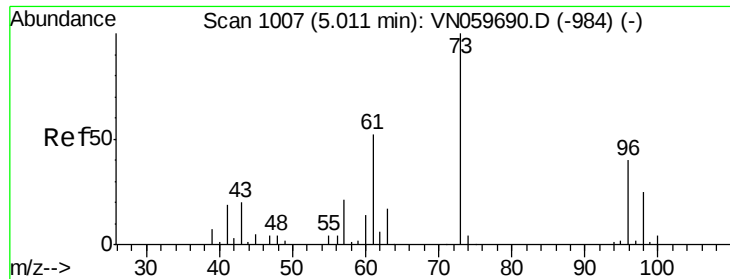
Tgt Ion: 73 Resp: 113227
Ion Ratio Lower Upper
73 100
57 22.4 18.6 27.8



#20
Methylene Chloride
Concen: 19.09 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

Tgt Ion: 84 Resp: 36181
Ion Ratio Lower Upper
84 100
49 112.2 106.6 160.0
51 35.9 31.9 47.9
86 63.7 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 18.51 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN059967.D

Acq: 3 Feb 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0203MBS01

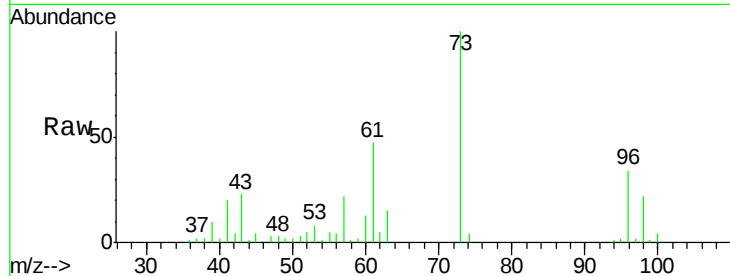
Tgt Ion: 96 Resp: 32603

Ion Ratio Lower Upper

96 100

61 137.2 120.4 180.6

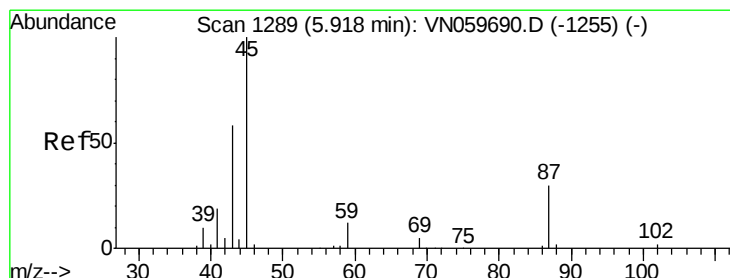
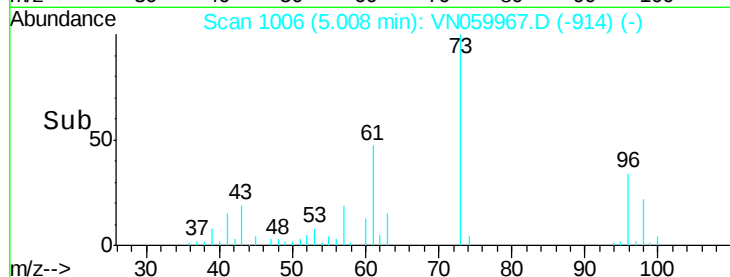
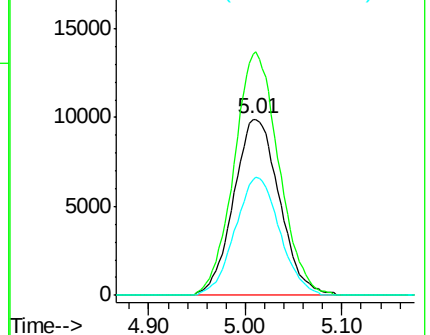
98 66.0 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VN059967.D (-984) (-)

Ion 60.90 (60.60 to 61.60): VN059967.D (-984) (-)

Ion 97.90 (97.60 to 98.60): VN059967.D (-984) (-)



#22

Diisopropyl ether

Concen: 20.89 ug/l

RT: 5.92 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VN059967.D

Acq: 3 Feb 2020 12:12

Tgt Ion: 45 Resp: 105689

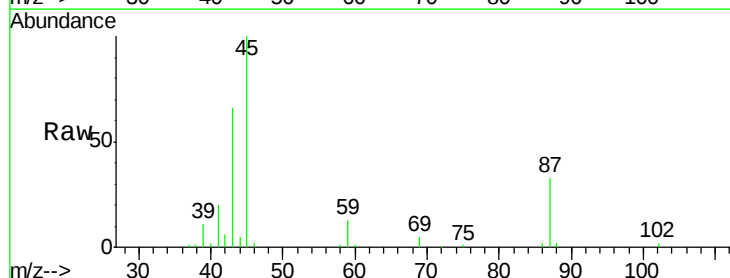
Ion Ratio Lower Upper

45 100

43 63.9 50.8 76.2

87 32.8 21.0 31.6

59 13.3 9.1 13.7

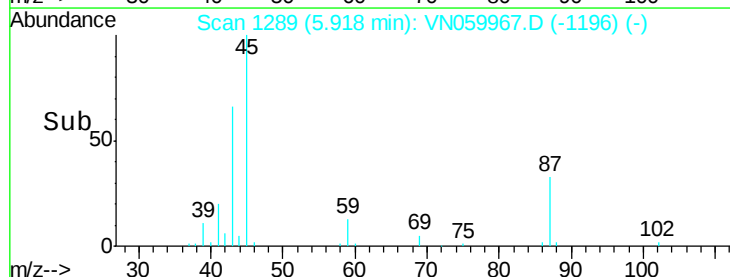
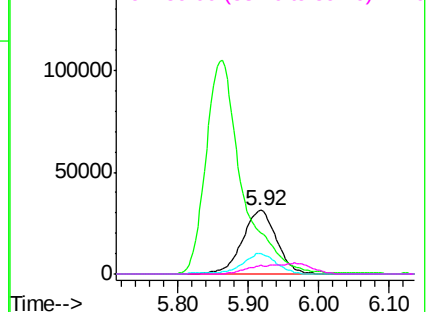


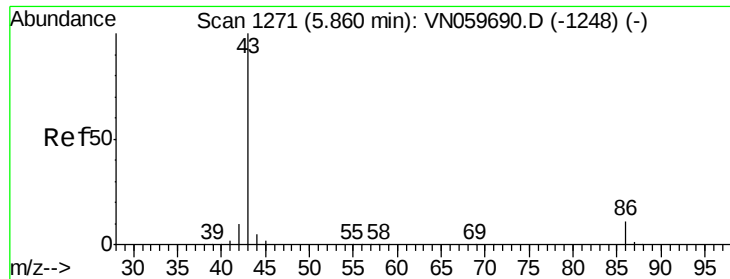
Abundance Ion 45.00 (44.70 to 45.70): VN059967.D (-1255) (-)

Ion 43.00 (42.70 to 43.70): VN059967.D (-1255) (-)

Ion 87.00 (86.70 to 87.70): VN059967.D (-1255) (-)

Ion 59.00 (58.70 to 59.70): VN059967.D (-1255) (-)





#23

Vinyl Acetate

Concen: 95.45 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VN059967.D

Acq: 3 Feb 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

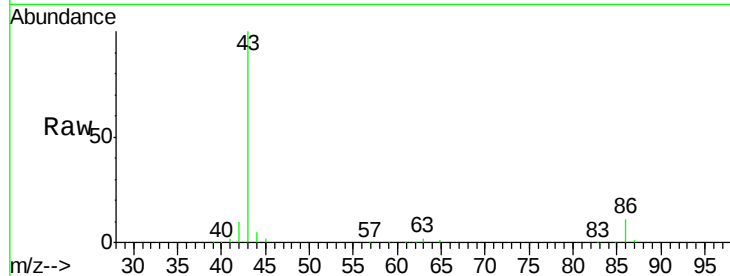
VN0203MBS01

Tgt Ion: 43 Resp: 373961

Ion Ratio Lower Upper

43 100

86 10.9 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.86

120000

100000

80000

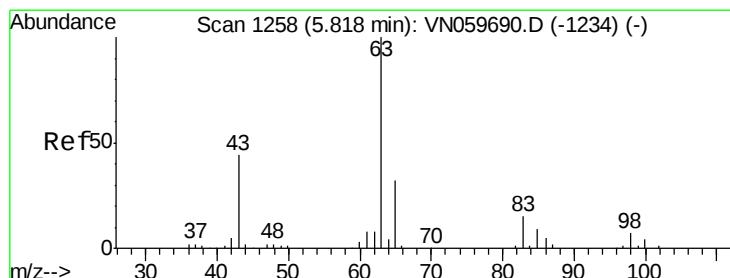
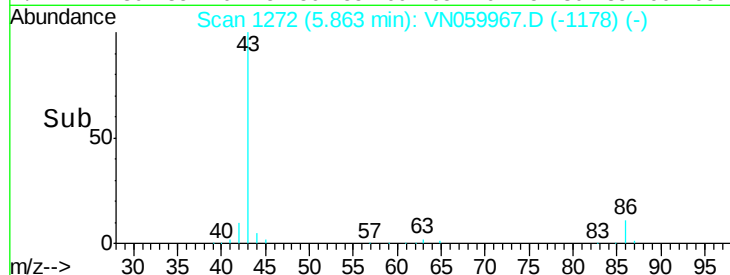
60000

40000

20000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 20.24 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VN059967.D

Acq: 3 Feb 2020 12:12

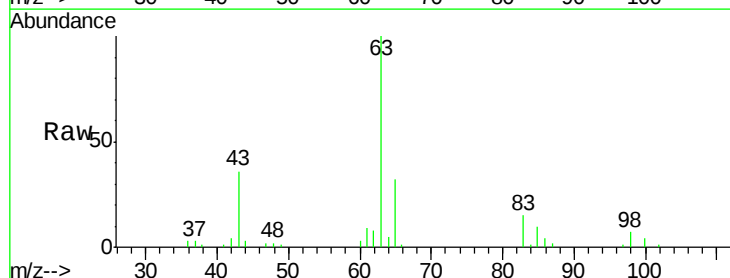
Tgt Ion: 63 Resp: 62596

Ion Ratio Lower Upper

63 100

98 6.9 2.9 8.7

100 3.8 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

25000

20000

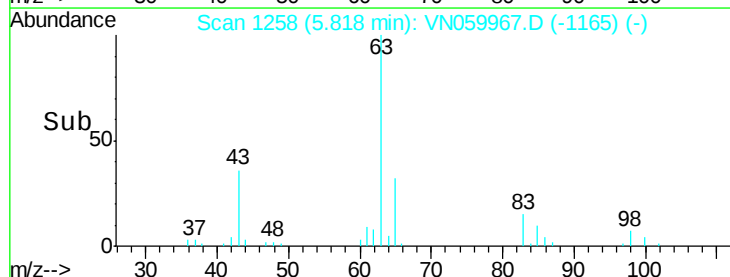
15000

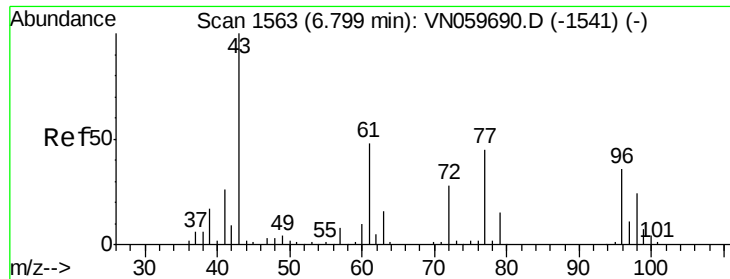
10000

5000

0

Time--> 5.70 5.80 5.90





#25

2-Butanone

Concen: 103.41 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059967.D

Acq: 3 Feb 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

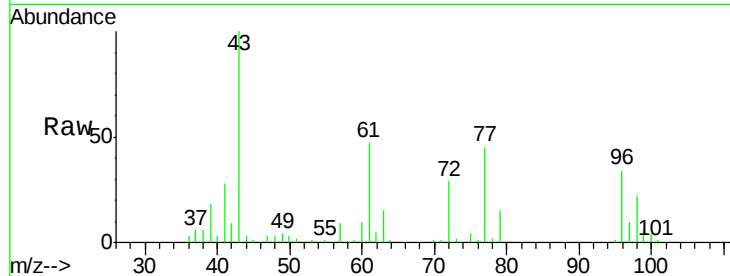
VN0203MBS01

Tgt Ion: 43 Resp: 117760

Ion Ratio Lower Upper

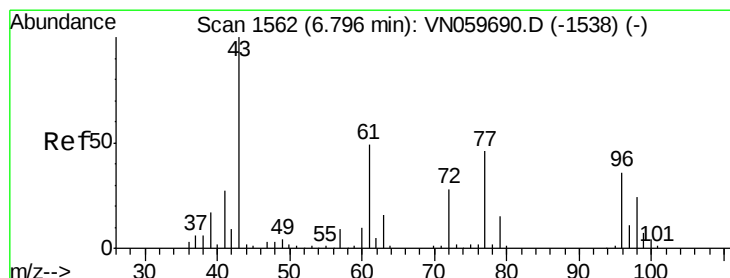
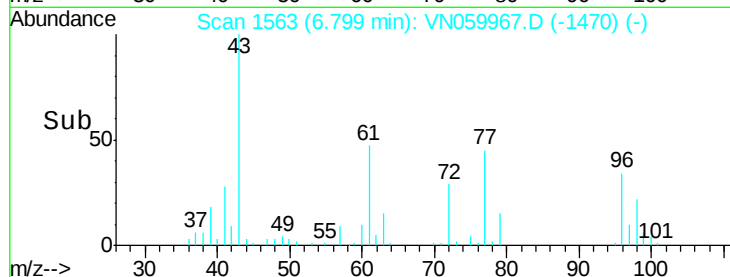
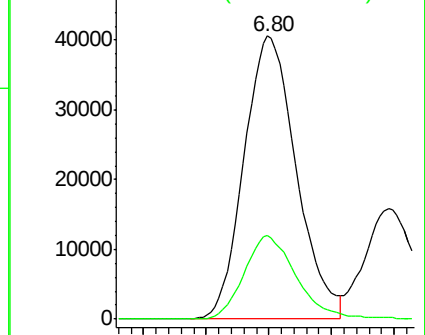
43 100

72 29.5 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: 19.84 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059967.D

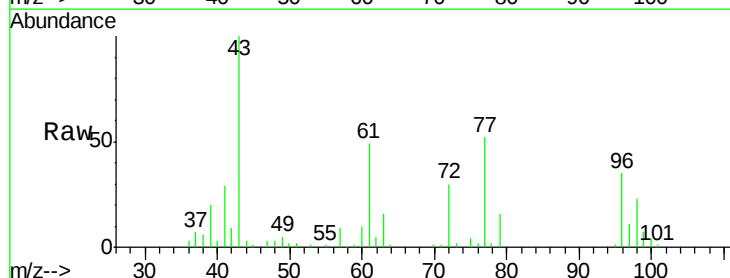
Acq: 3 Feb 2020 12:12

Tgt Ion: 77 Resp: 58962

Ion Ratio Lower Upper

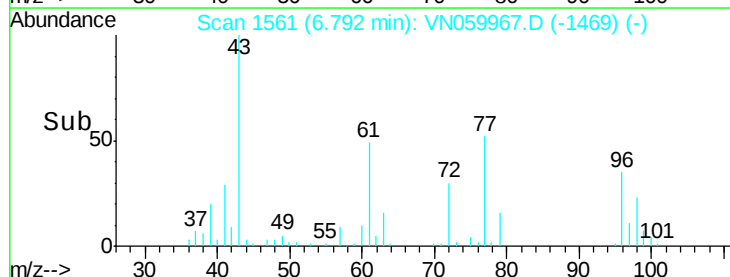
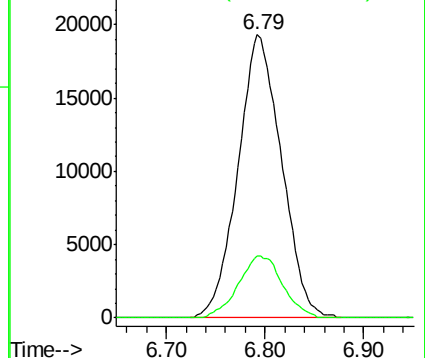
77 100

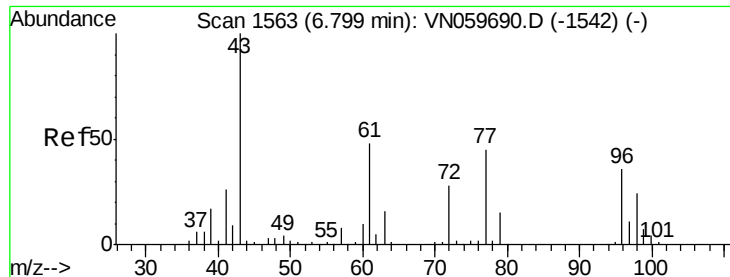
97 22.3 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

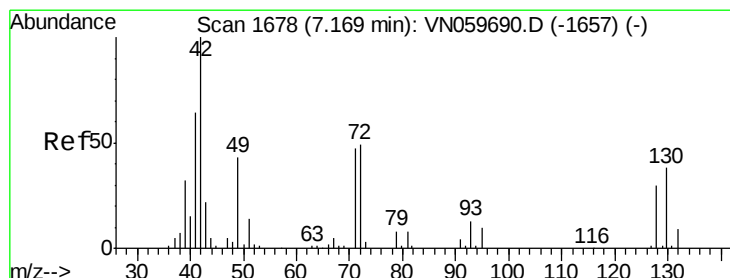
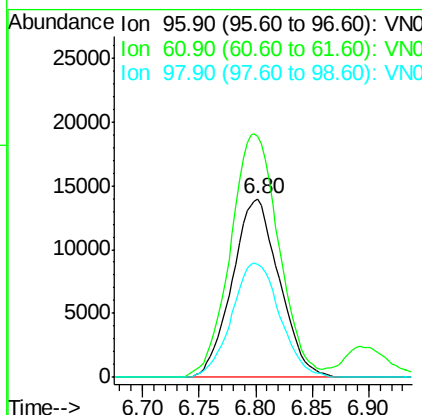
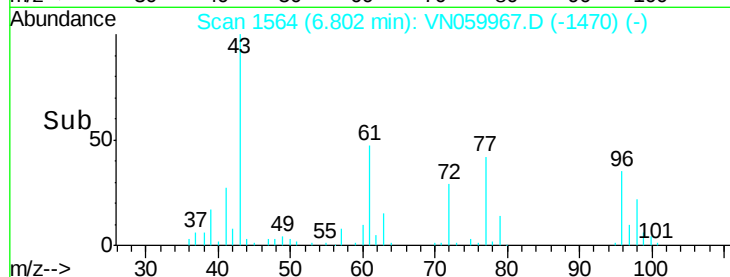
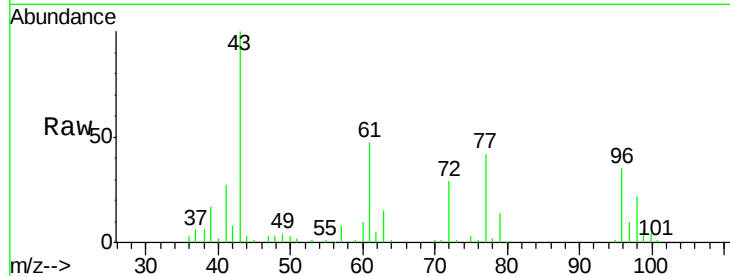




#27
 cis-1,2-Dichloroethene
 Concen: 19.95 ug/l
 RT: 6.80 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: VN059967.D
 Acq: 3 Feb 2020 12:12

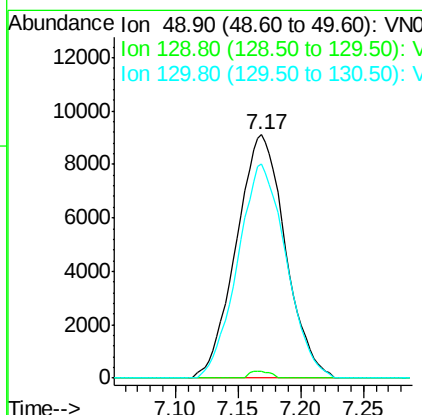
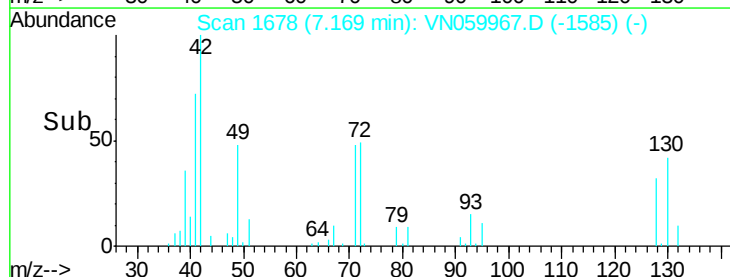
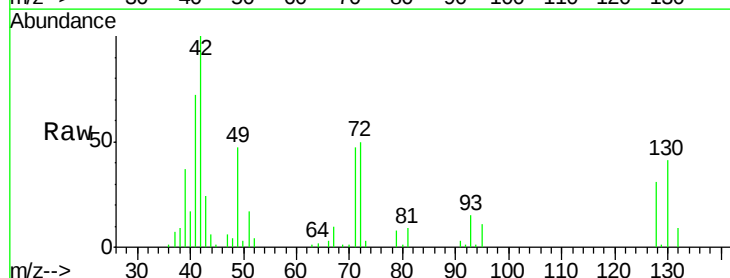
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203MBS01

Tgt Ion: 96 Resp: 40399
 Ion Ratio Lower Upper
 96 100
 61 140.0 0.0 317.6
 98 65.5 0.0 127.0



#28
 Bromochloromethane
 Concen: 20.09 ug/l
 RT: 7.17 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: VN059967.D
 Acq: 3 Feb 2020 12:12

Tgt Ion: 49 Resp: 24831
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.4
 130 86.9 54.7 82.1#

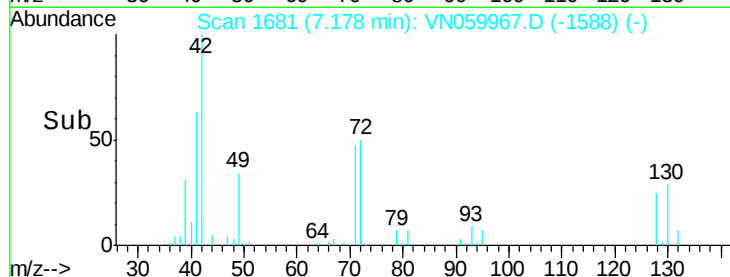
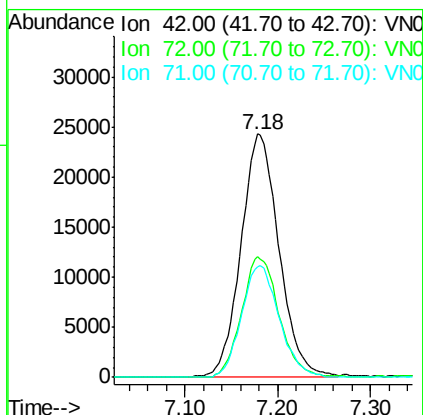
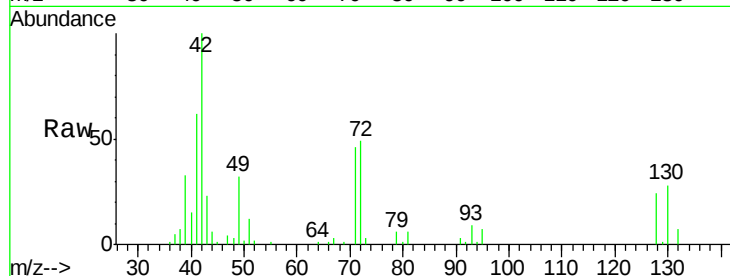




#29
Tetrahydrofuran
Concen: 98.69 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

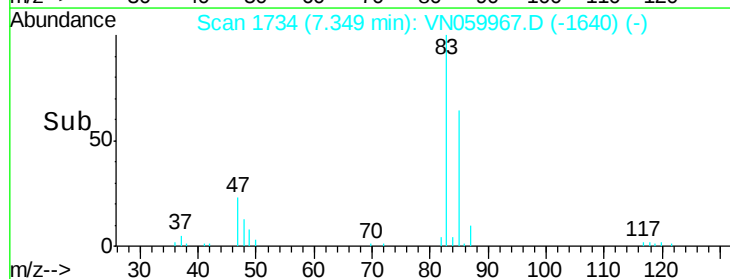
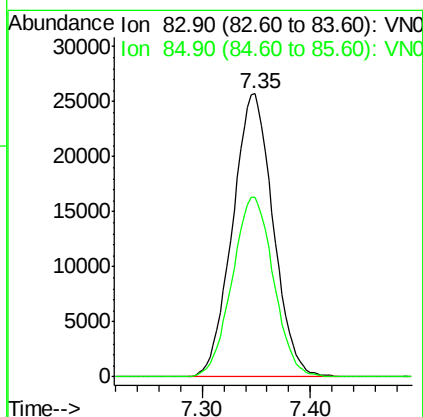
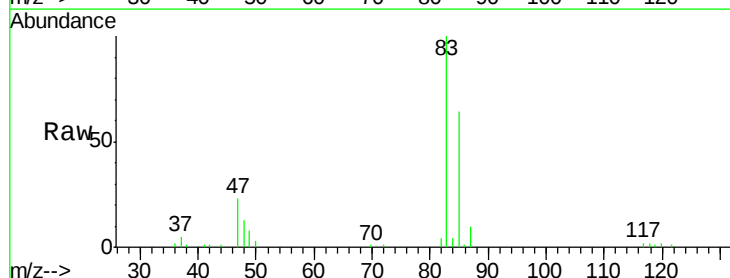
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01

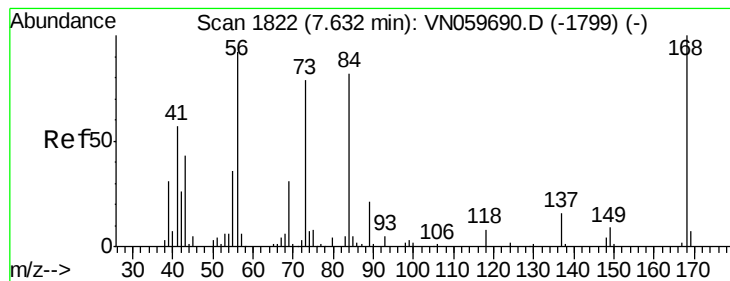
Tgt Ion: 42 Resp: 69536
Ion Ratio Lower Upper
42 100
72 48.4 33.1 49.7
71 45.3 31.4 47.0



#30
Chloroform
Concen: 21.04 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

Tgt Ion: 83 Resp: 67394
Ion Ratio Lower Upper
83 100
85 63.5 52.4 78.6





#31

Cyclohexane

Concen: 18.07 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN059967.D

Acq: 3 Feb 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0203MBS01

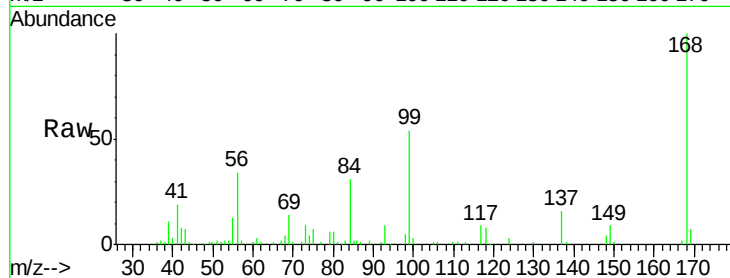
Tgt Ion: 56 Resp: 53751

Ion Ratio Lower Upper

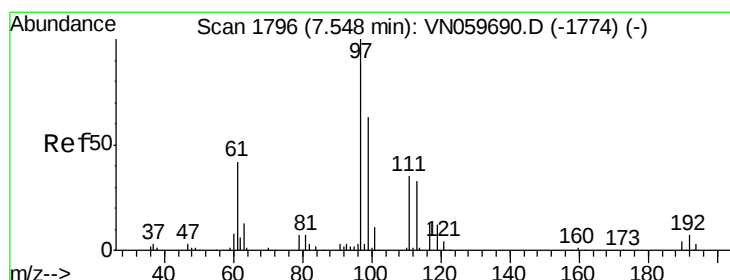
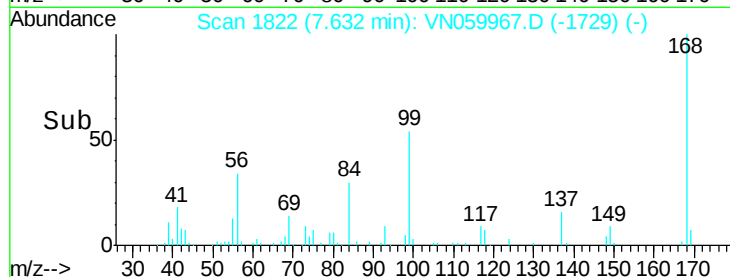
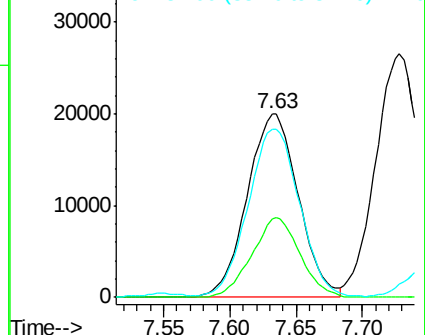
56 100

69 42.4 26.5 39.7#

84 90.2 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: 20.44 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN059967.D

Acq: 3 Feb 2020 12:12

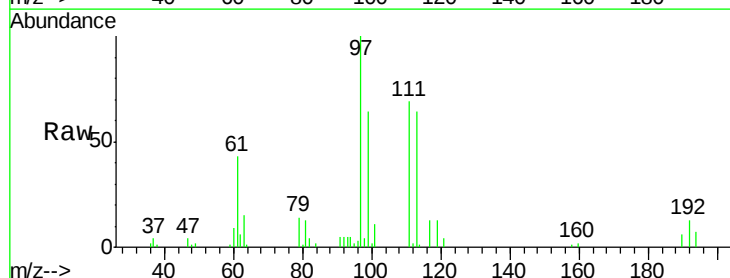
Tgt Ion: 97 Resp: 60544

Ion Ratio Lower Upper

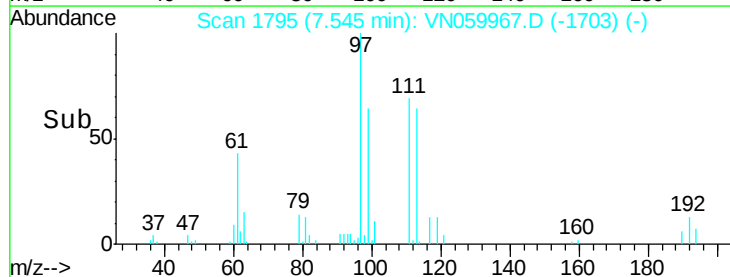
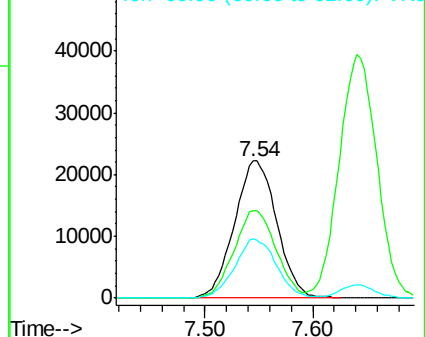
97 100

99 63.5 51.0 76.4

61 42.5 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

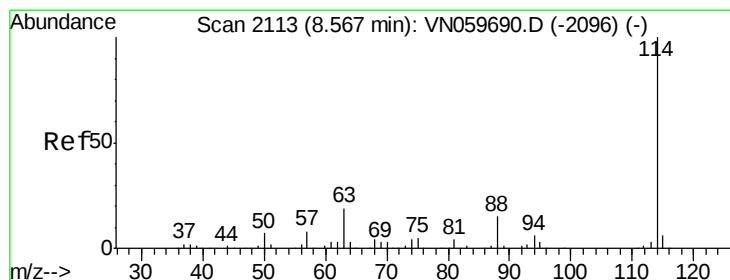
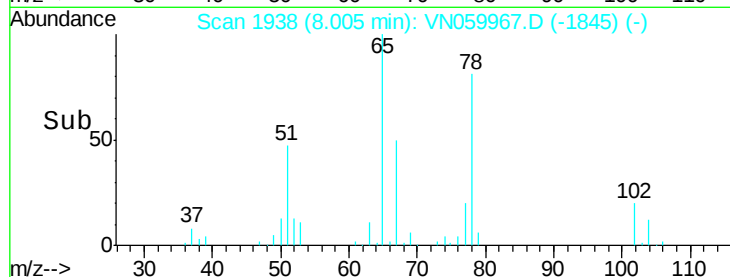
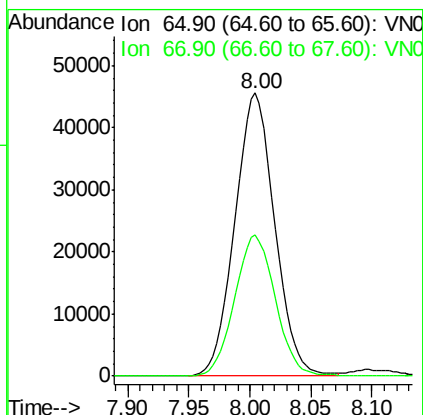
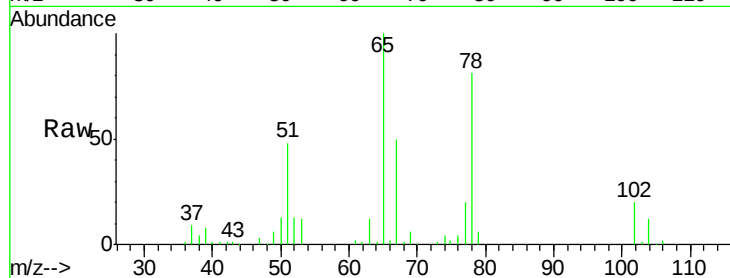




#33
 1,2-Dichloroethane-d4
 Concen: 51.35 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059967.D
 Acq: 3 Feb 2020 12:12

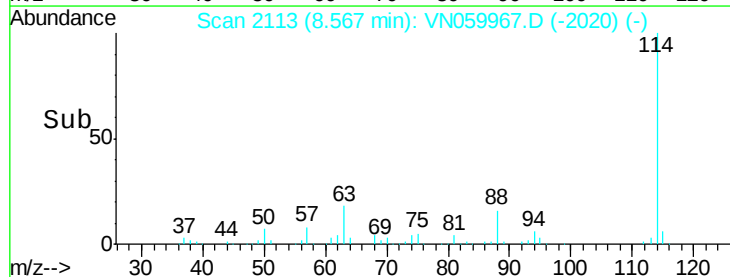
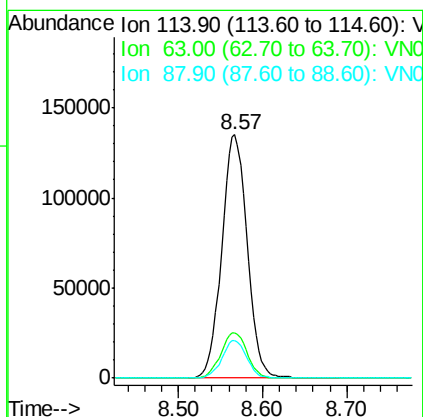
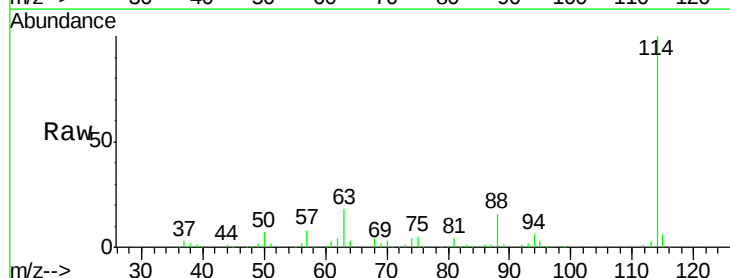
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203MBS01

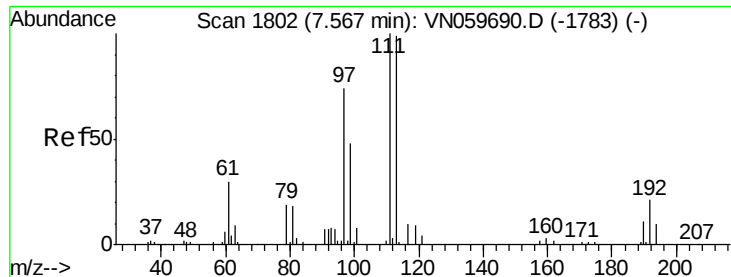
Tgt Ion: 65 Resp: 103260
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059967.D
 Acq: 3 Feb 2020 12:12

Tgt Ion: 114 Resp: 282773
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 43.6
 88 15.5 0.0 31.4

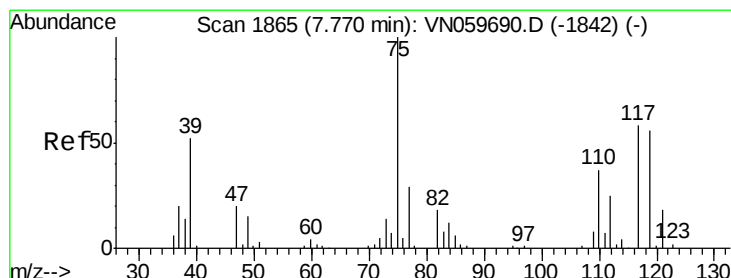
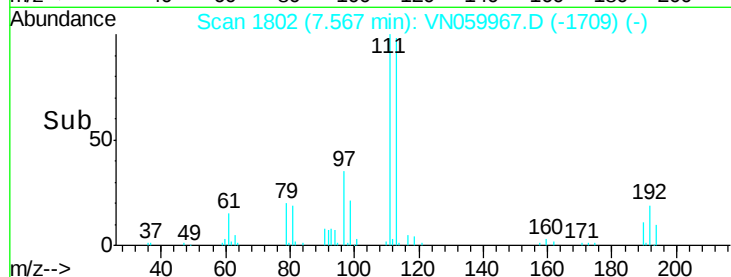
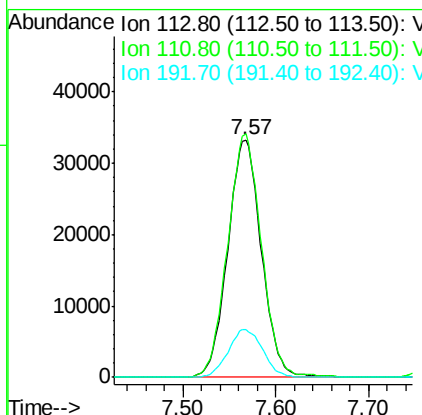
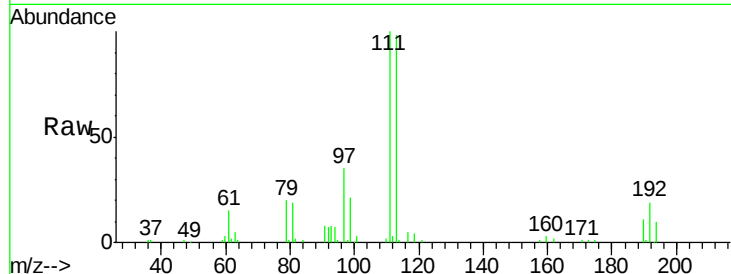




#35
 Dibromofluoromethane
 Concen: 49.51 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059967.D
 Acq: 3 Feb 2020 12:12

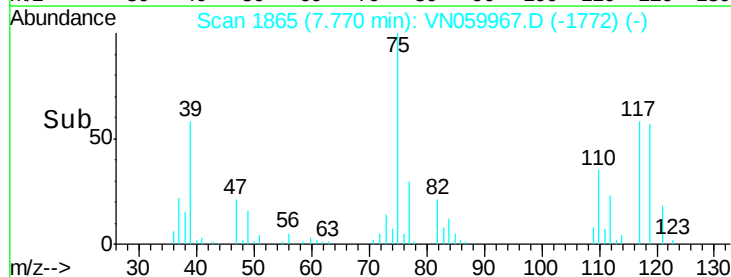
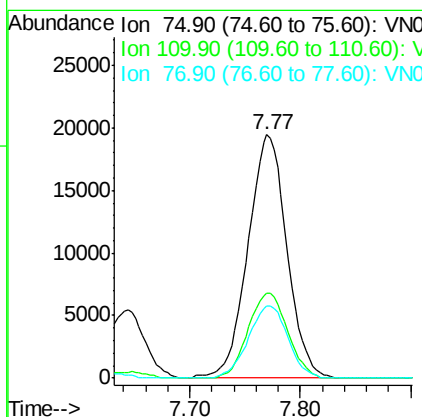
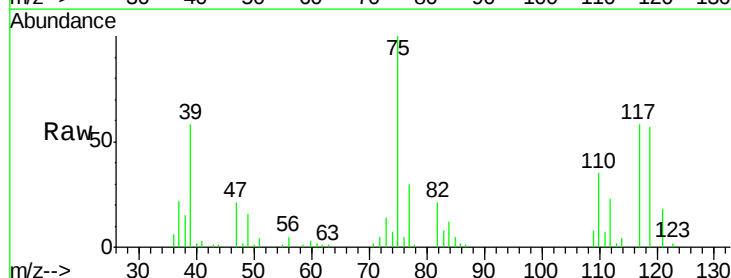
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203MBS01

Tgt Ion: 113 Resp: 83495
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.5 125.3
 192 20.6 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 19.27 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059967.D
 Acq: 3 Feb 2020 12:12

Tgt Ion: 75 Resp: 47443
 Ion Ratio Lower Upper
 75 100
 110 35.3 16.6 49.7
 77 30.3 25.1 37.7

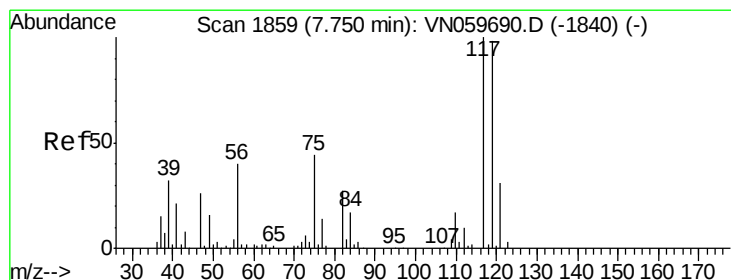
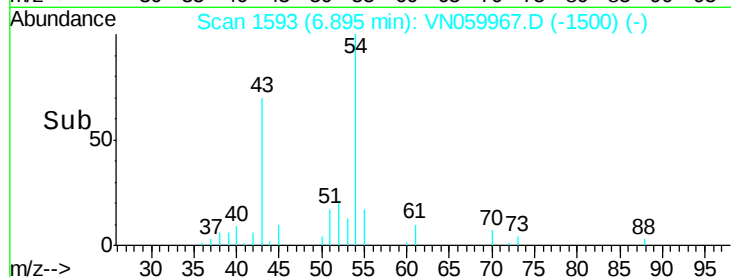
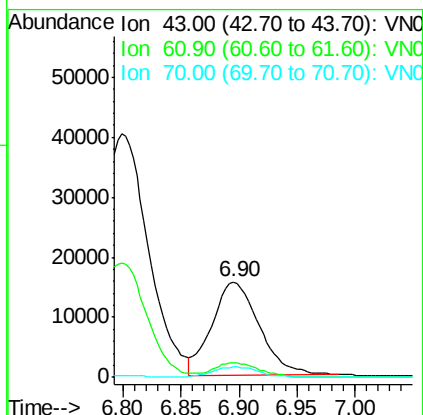
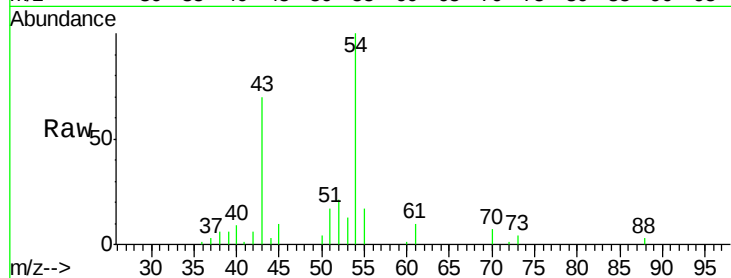




#37
Ethyl Acetate
Concen: 19.31 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

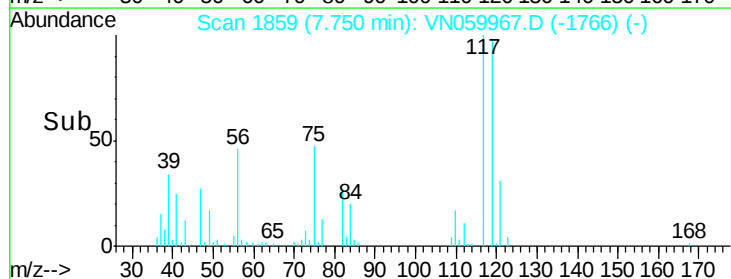
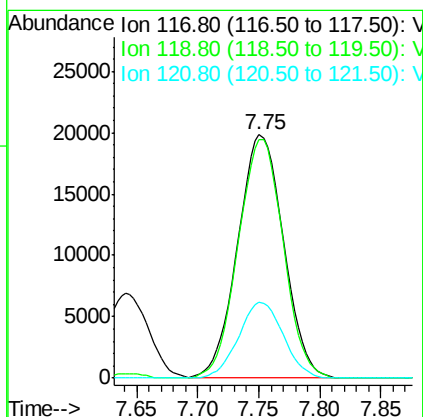
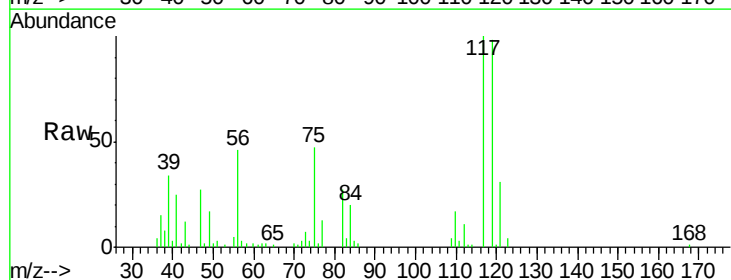
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01

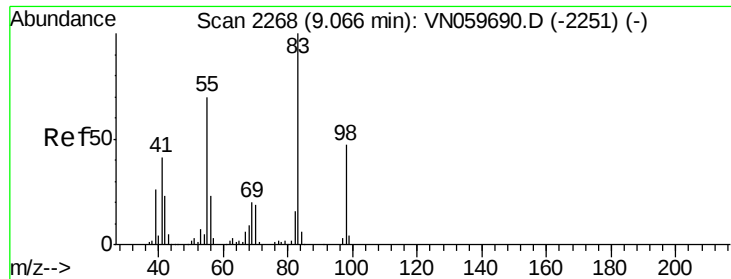
Tgt Ion: 43 Resp: 44588
Ion Ratio Lower Upper
43 100
61 14.8 10.9 16.3
70 10.6 7.7 11.5



#38
Carbon Tetrachloride
Concen: 19.33 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

Tgt Ion: 117 Resp: 51766
Ion Ratio Lower Upper
117 100
119 97.7 76.5 114.7
121 31.0 25.1 37.7

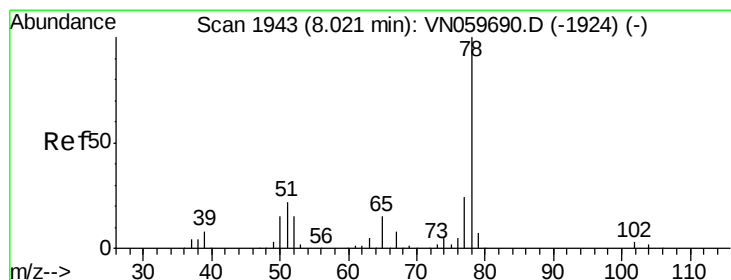
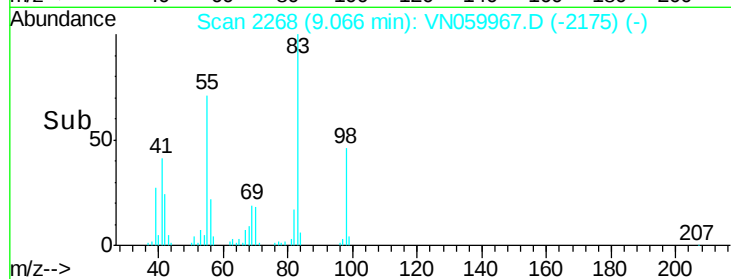
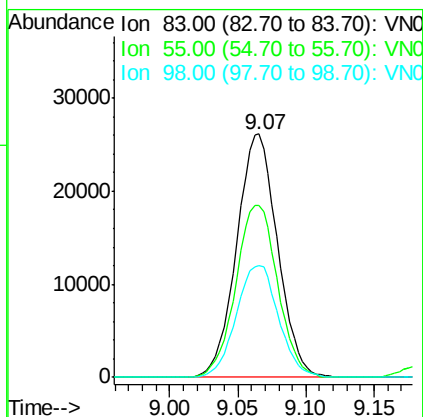
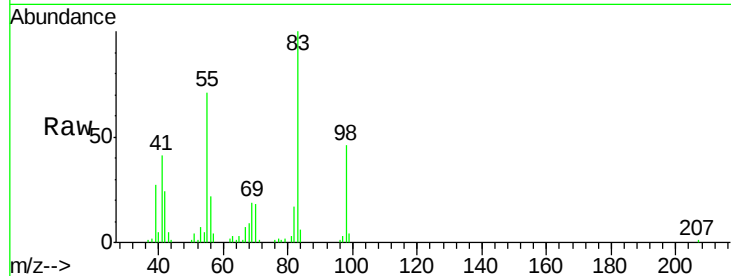




#39
Methylcyclohexane
Concen: 17.92 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

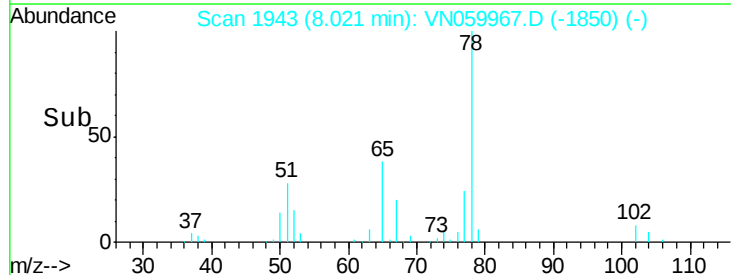
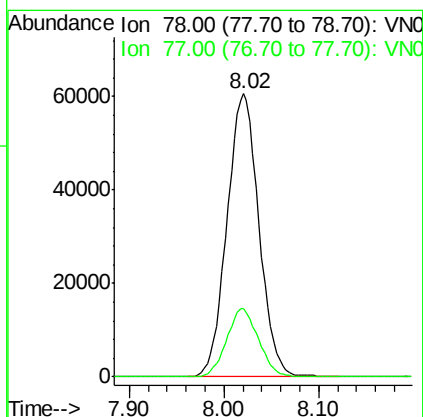
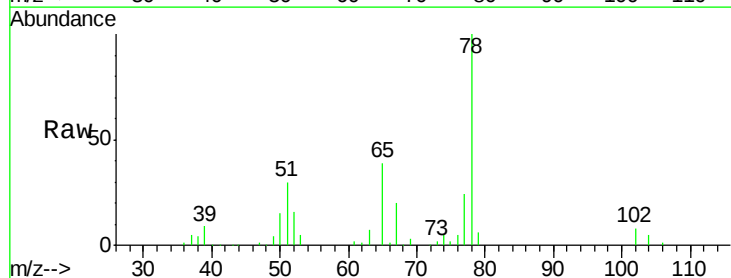
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01

Tgt Ion: 83 Resp: 54413
Ion Ratio Lower Upper
83 100
55 70.7 64.2 96.2
98 46.1 35.9 53.9



#40
Benzene
Concen: 19.31 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

Tgt Ion: 78 Resp: 141839
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3

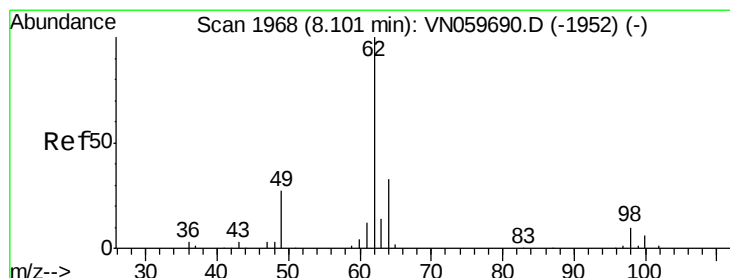
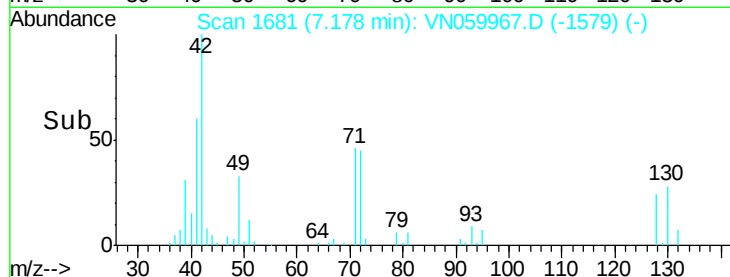
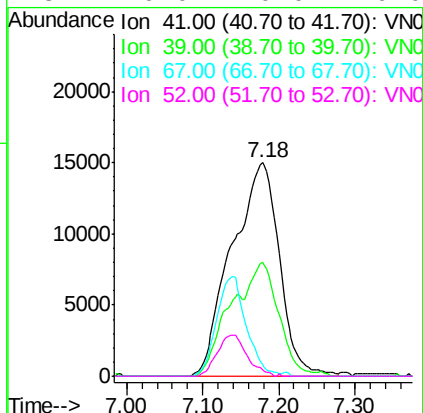
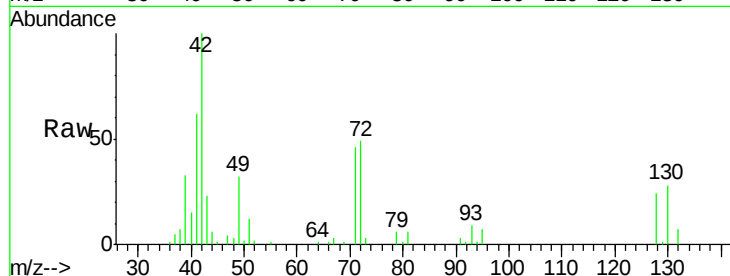




#41
Methacrylonitrile
Concen: 57.43 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

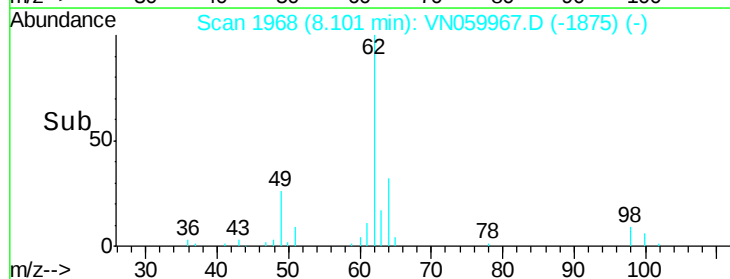
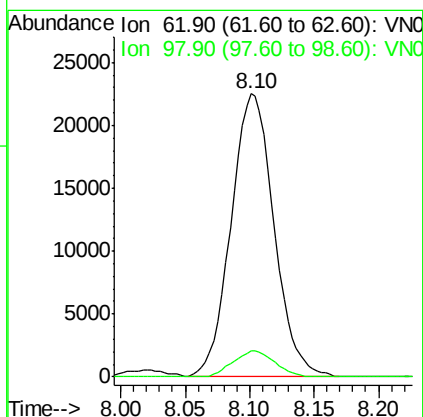
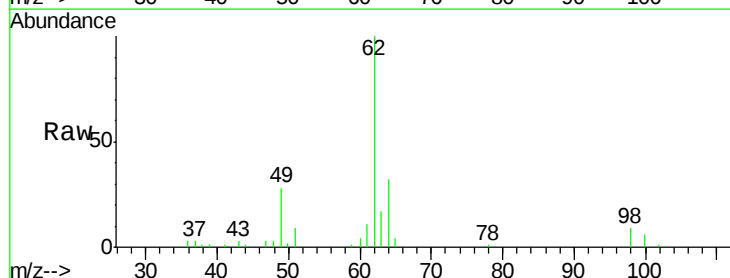
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01

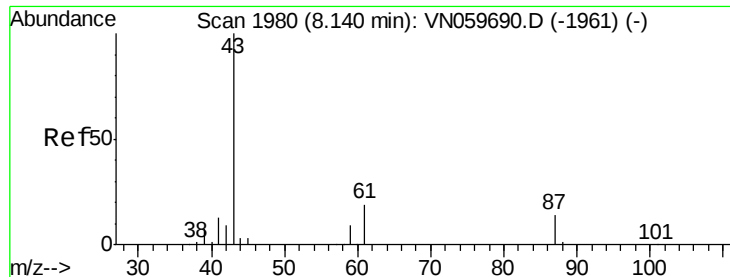
Tgt Ion:	41	Resp:	65336
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.96 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

Tgt Ion:	62	Resp:	52183
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	15.8





#43

Isopropyl Acetate

Concen: 19.51 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059967.D

Acq: 3 Feb 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0203MBS01

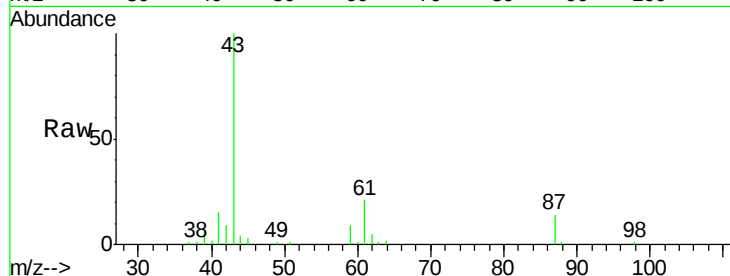
Tgt Ion: 43 Resp: 77516

Ion Ratio Lower Upper

43 100

61 27.5 20.2 30.2

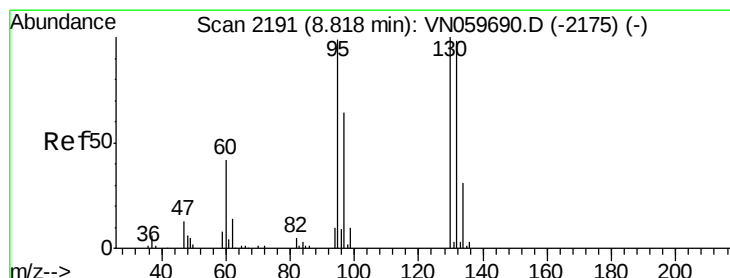
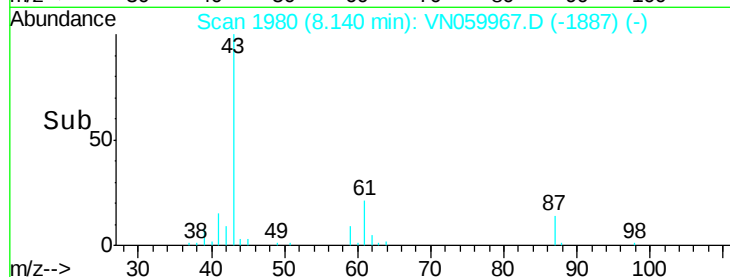
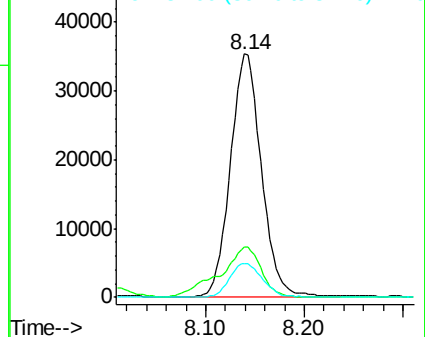
87 14.6 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059967.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN059967.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN059967.D (-1887) (-)



#44

Trichloroethene

Concen: 20.63 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059967.D

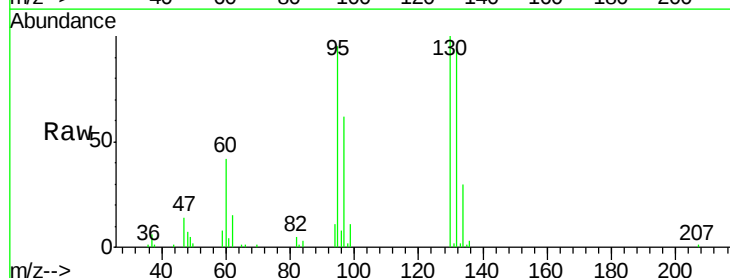
Acq: 3 Feb 2020 12:12

Tgt Ion: 130 Resp: 41364

Ion Ratio Lower Upper

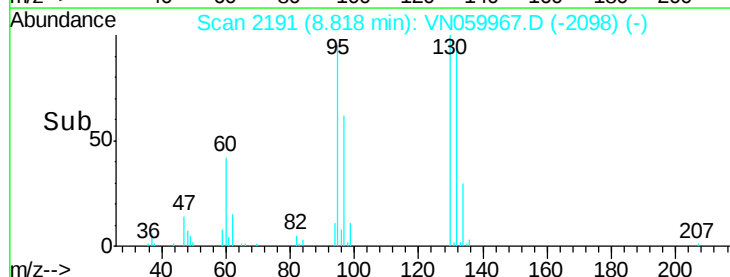
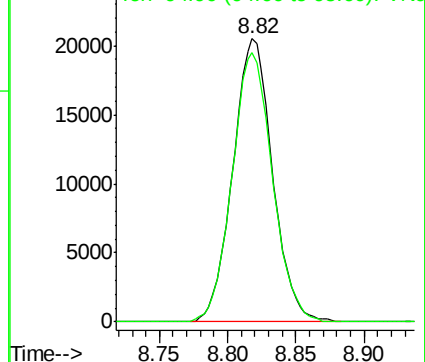
130 100

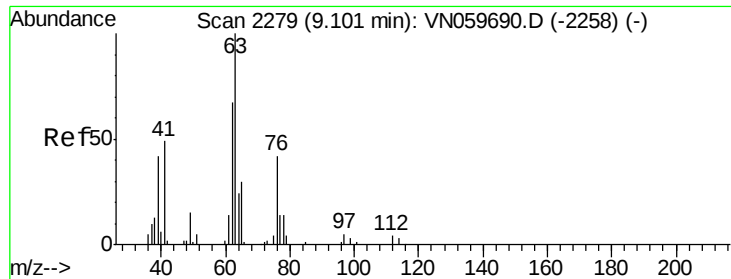
95 95.1 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059967.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN059967.D (-2098) (-)





#45

1,2-Dichloropropane

Concen: 20.96 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059967.D

Acq: 3 Feb 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

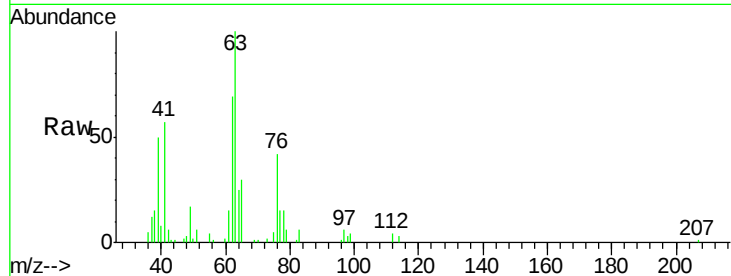
VN0203MBS01

Tgt Ion: 63 Resp: 38086

Ion Ratio Lower Upper

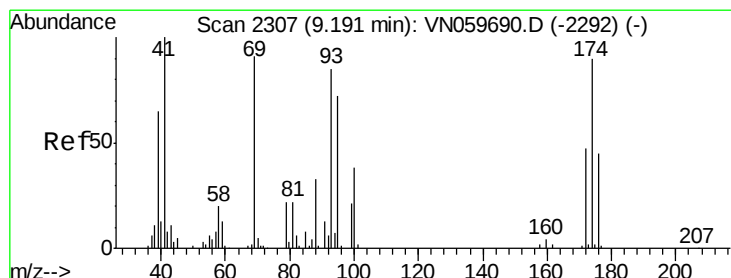
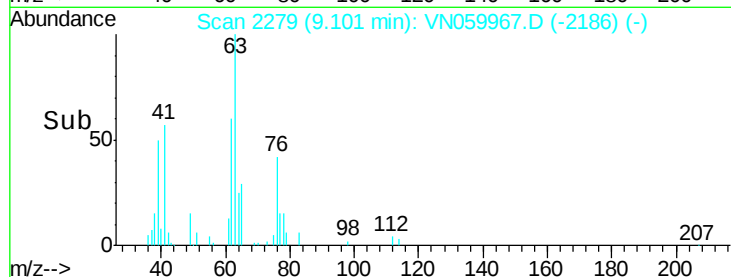
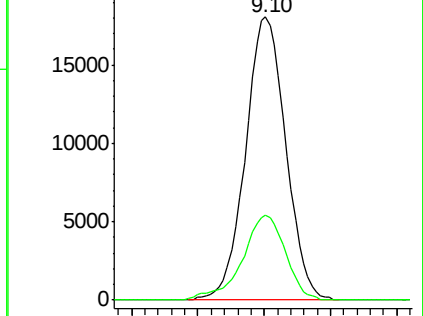
63 100

65 29.9 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.85 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059967.D

Acq: 3 Feb 2020 12:12

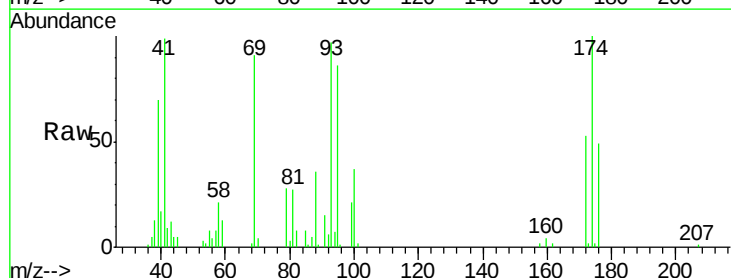
Tgt Ion: 93 Resp: 26725

Ion Ratio Lower Upper

93 100

95 83.4 67.0 100.6

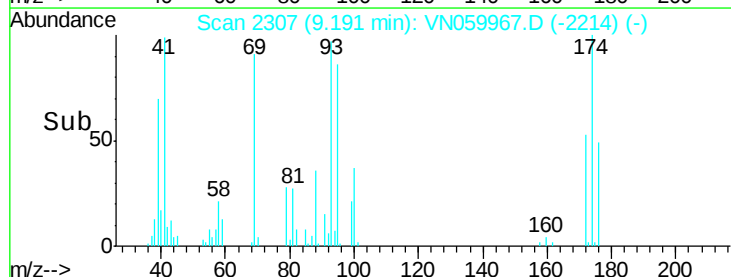
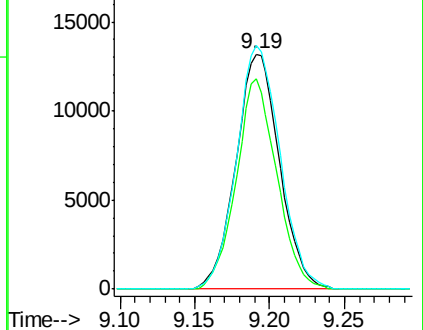
174 103.8 73.4 110.2



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

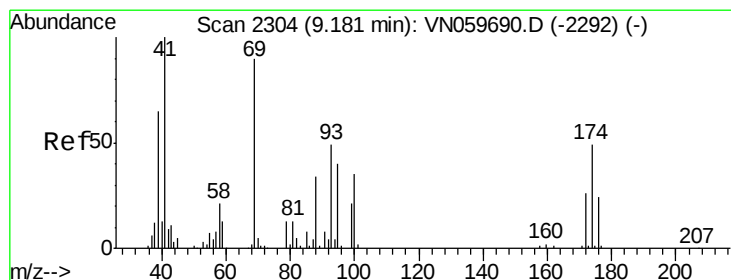
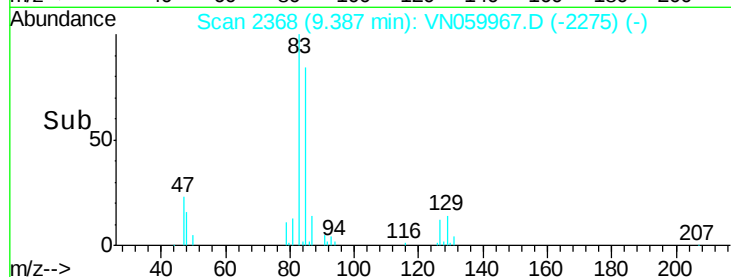
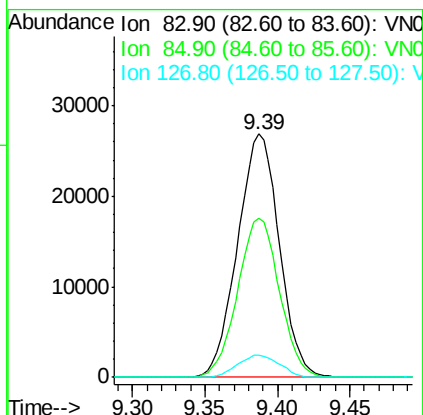
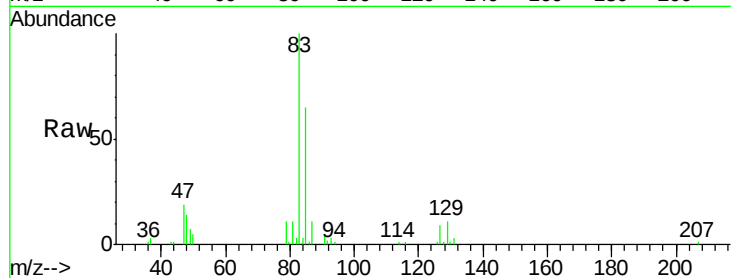




#47
 Bromodichloromethane
 Concen: 20.81 ug/l
 RT: 9.39 min Scan# 2368
 Delta R.T. 0.00 min
 Lab File: VN059967.D
 Acq: 3 Feb 2020 12:12

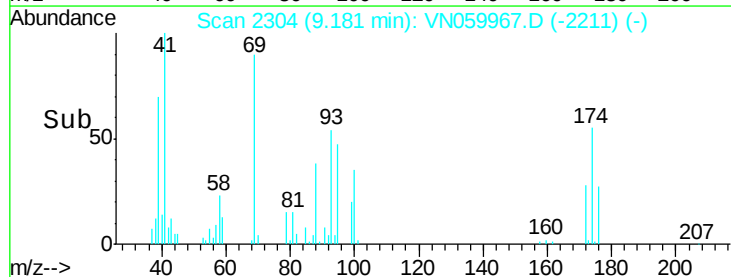
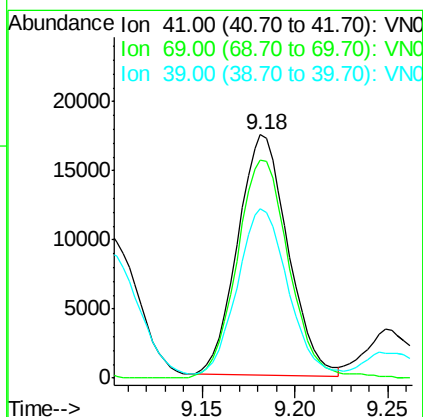
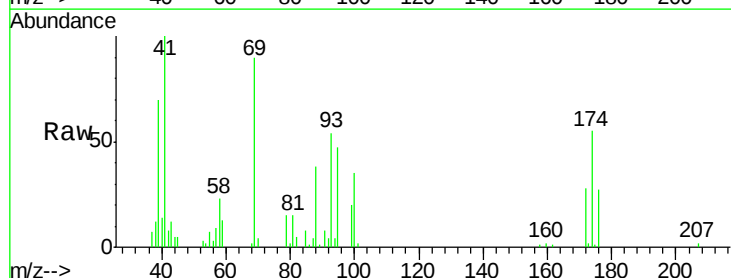
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203MBS01

Tgt Ion: 83 Resp: 53756
 Ion Ratio Lower Upper
 83 100
 85 65.5 51.1 76.7
 127 9.1 6.6 9.8



#48
 Methyl methacrylate
 Concen: 18.48 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. 0.00 min
 Lab File: VN059967.D
 Acq: 3 Feb 2020 12:12

Tgt Ion: 41 Resp: 32846
 Ion Ratio Lower Upper
 41 100
 69 94.0 64.4 96.6
 39 68.9 51.3 76.9

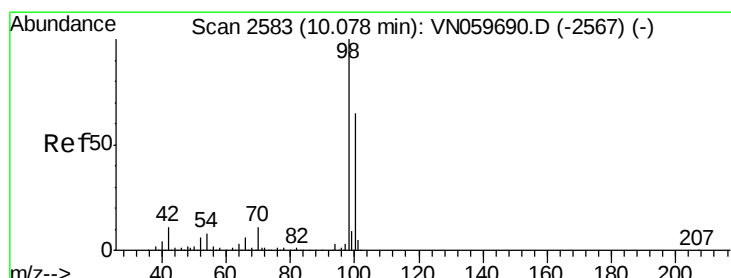
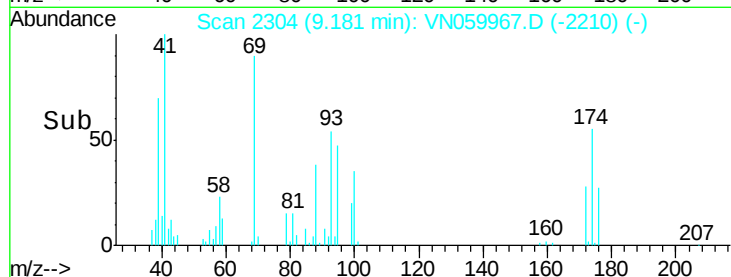
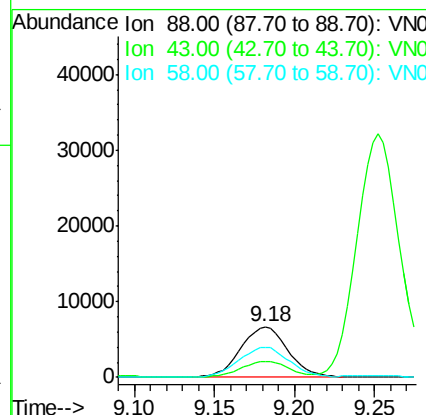
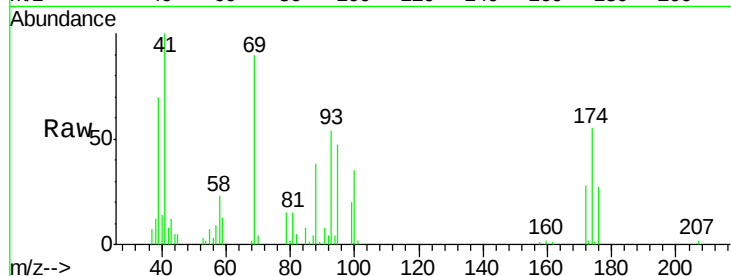




#49
1,4-Dioxane
Concen: 416.39 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

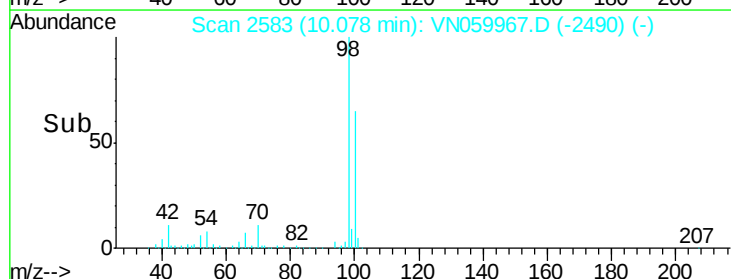
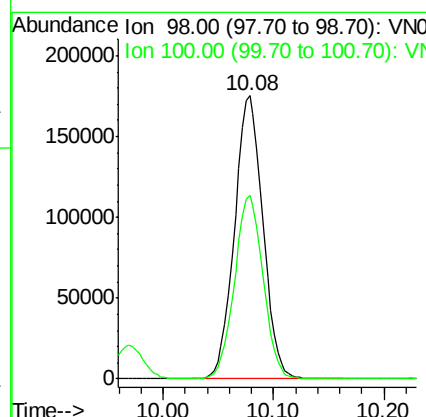
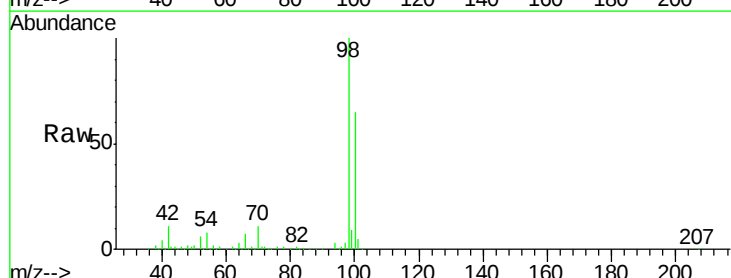
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01

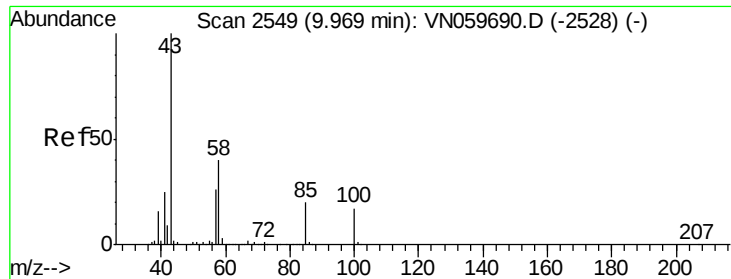
Tgt Ion: 88 Resp: 13545
Ion Ratio Lower Upper
88 100
43 32.1 29.7 44.5
58 62.5 56.6 85.0



#50
Toluene-d8
Concen: 47.93 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

Tgt Ion: 98 Resp: 313140
Ion Ratio Lower Upper
98 100
100 65.0 51.2 76.8

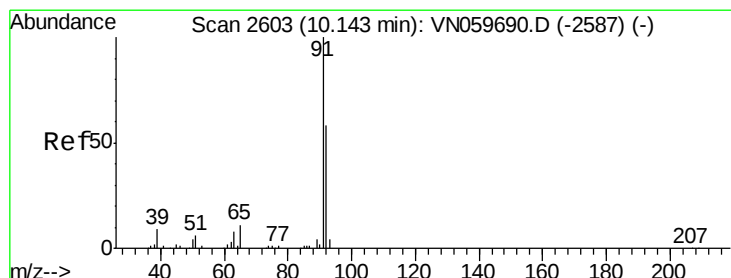
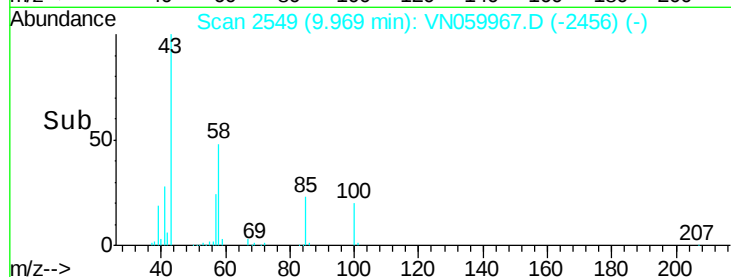
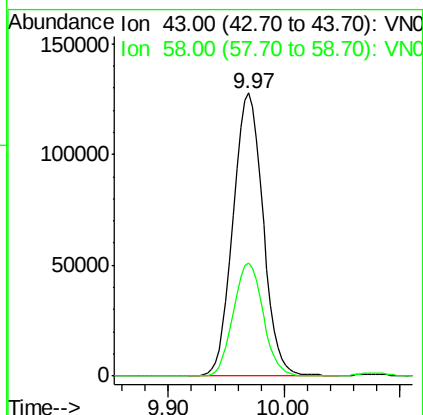
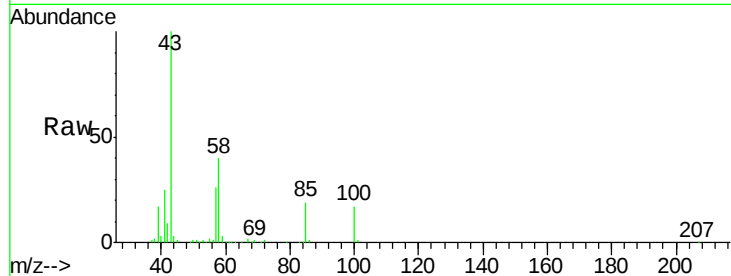




#51
 4-Methyl-2-Pentanone
 Concen: 99.52 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN059967.D
 Acq: 3 Feb 2020 12:12

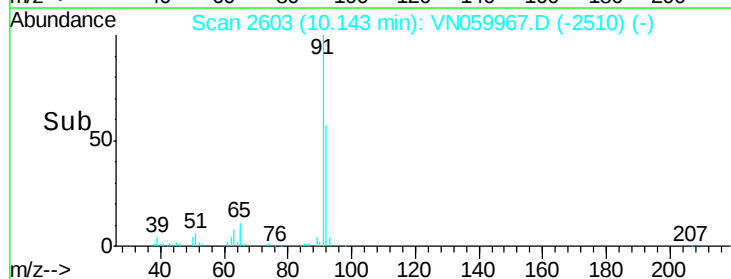
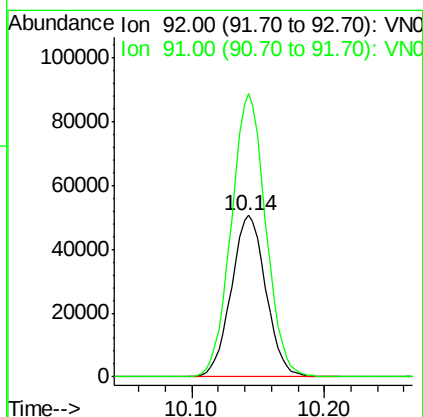
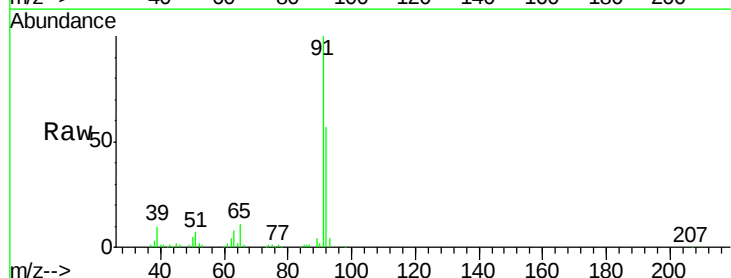
Instrument :
 MSVOA_N
 ClientSampled :
 VN0203MBS01

Tgt Ion: 43 Resp: 228540
 Ion Ratio Lower Upper
 43 100
 58 39.9 29.8 44.8



#52
 Toluene
 Concen: 19.74 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN059967.D
 Acq: 3 Feb 2020 12:12

Tgt Ion: 92 Resp: 91559
 Ion Ratio Lower Upper
 92 100
 91 174.7 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 20.33 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN059967.D

Acq: 3 Feb 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

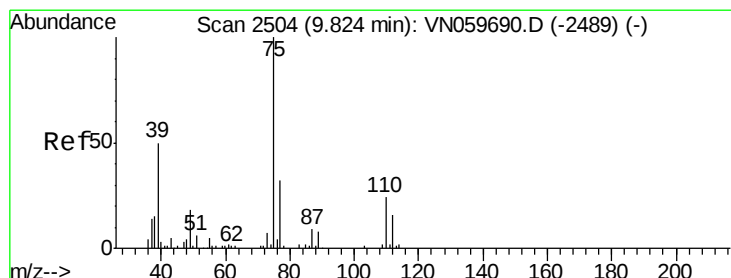
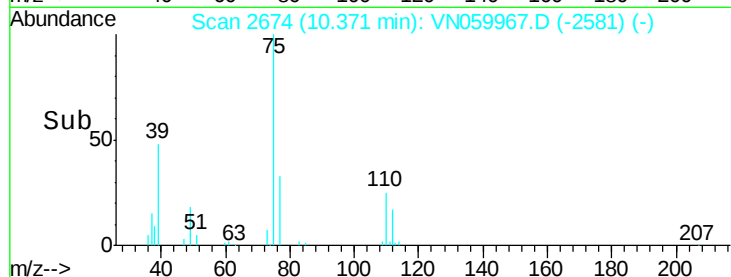
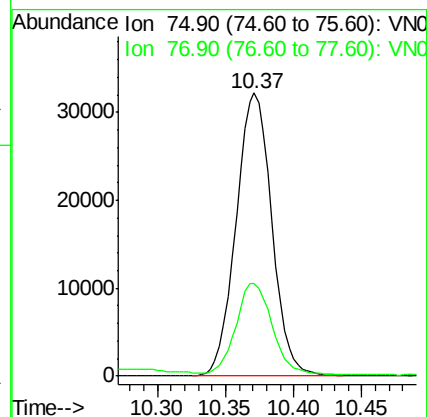
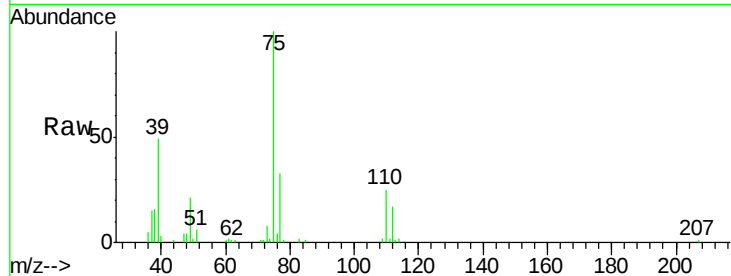
VN0203MBS01

Tgt Ion: 75 Resp: 58638

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.76 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059967.D

Acq: 3 Feb 2020 12:12

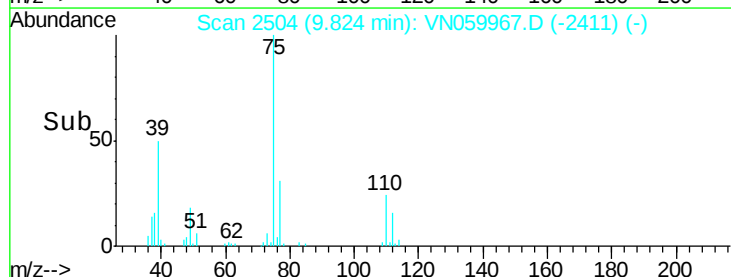
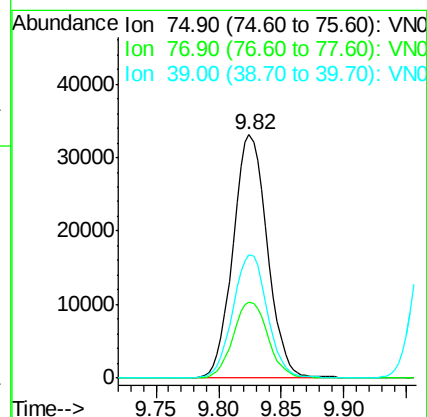
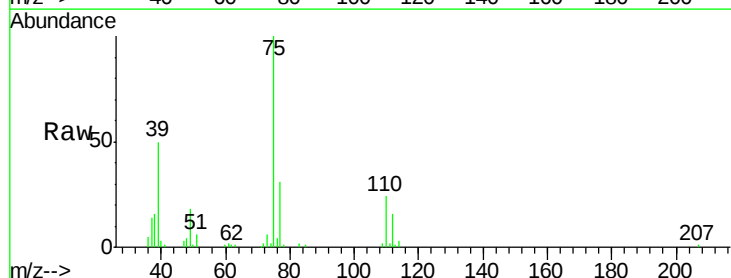
Tgt Ion: 75 Resp: 62993

Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7

39 50.4 46.1 69.1

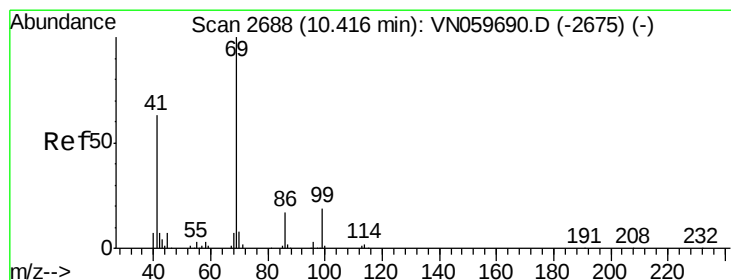
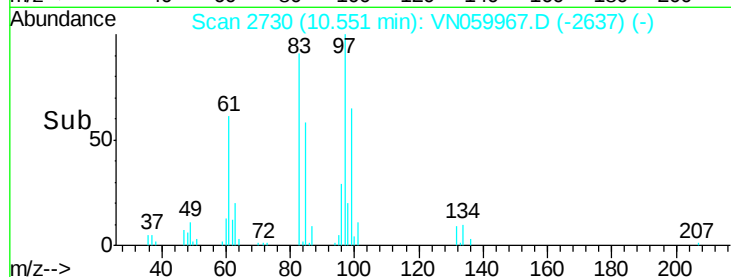
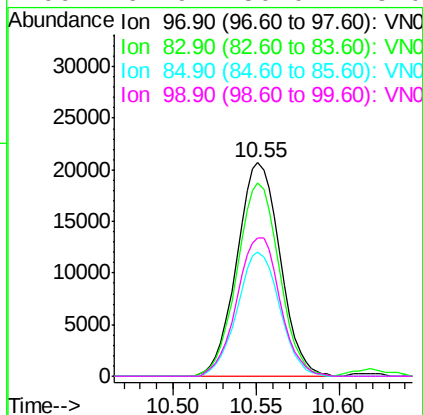
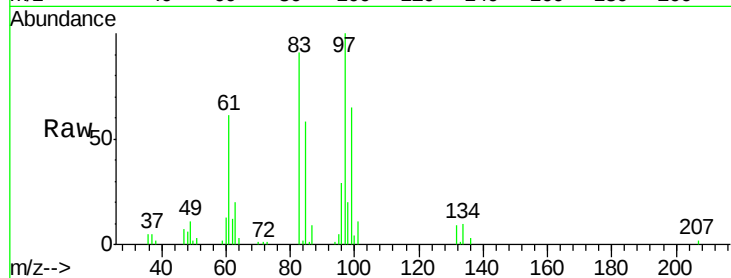




#55
 1,1,2-Trichloroethane
 Concen: 20.49 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059967.D
 Acq: 3 Feb 2020 12:12

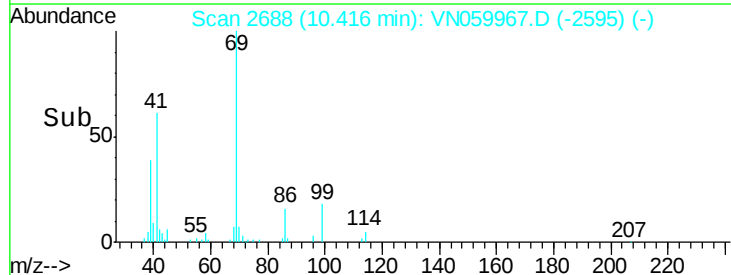
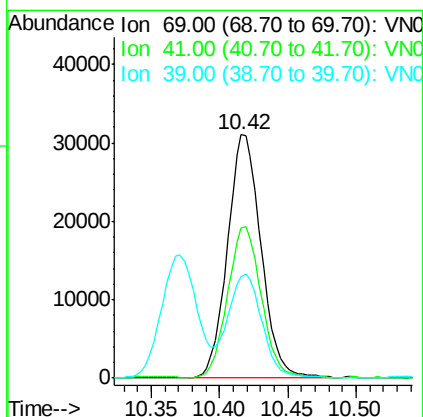
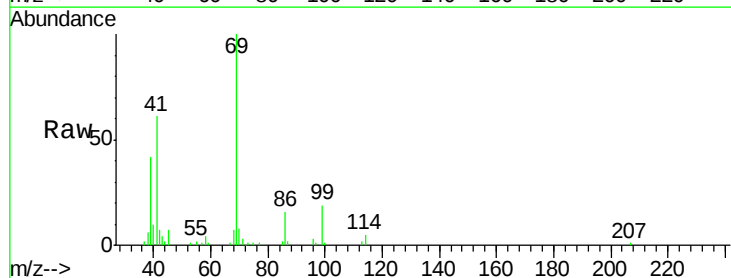
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203MBS01

Tgt Ion: 97 Resp: 37642
 Ion Ratio Lower Upper
 97 100
 83 90.7 71.3 106.9
 85 58.0 45.8 68.8
 99 64.9 50.0 75.0



#56
 Ethyl methacrylate
 Concen: 18.94 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059967.D
 Acq: 3 Feb 2020 12:12

Tgt Ion: 69 Resp: 53172
 Ion Ratio Lower Upper
 69 100
 41 62.7 57.1 85.7
 39 43.3 34.7 52.1

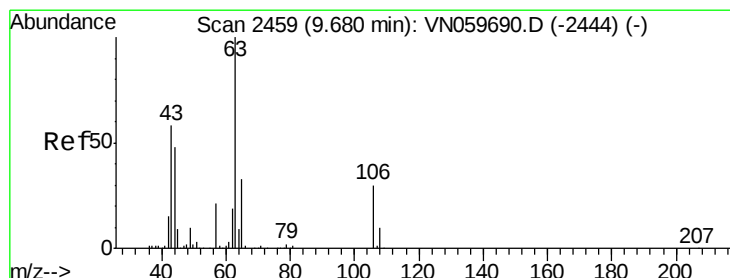
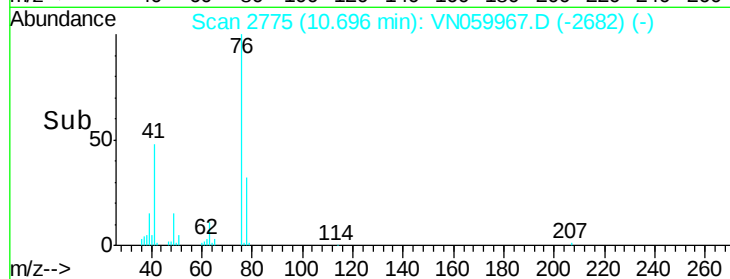
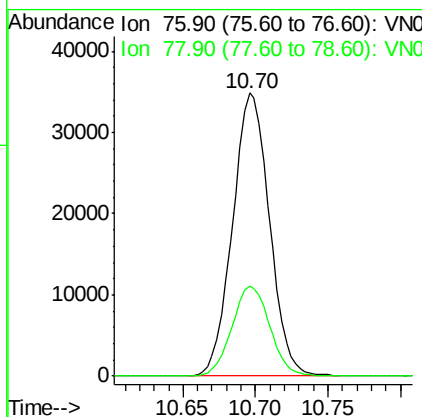
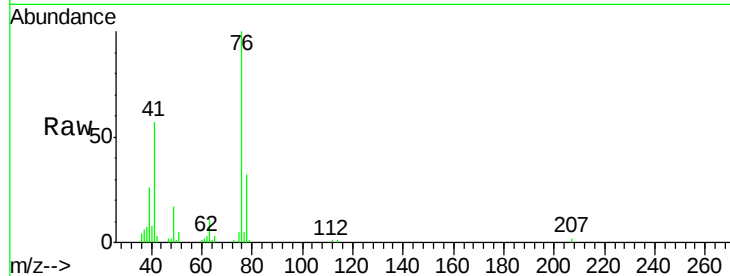




#57
 1,3-Dichloropropane
 Concen: 21.10 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. 0.00 min
 Lab File: VN059967.D
 Acq: 3 Feb 2020 12:12

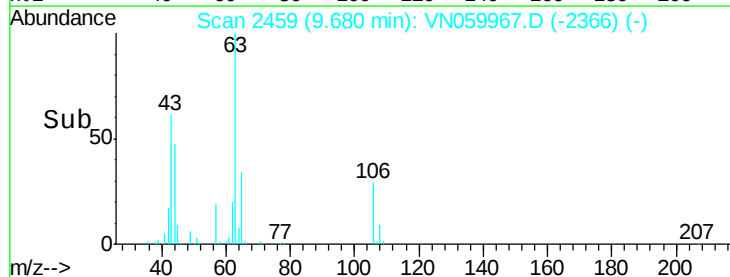
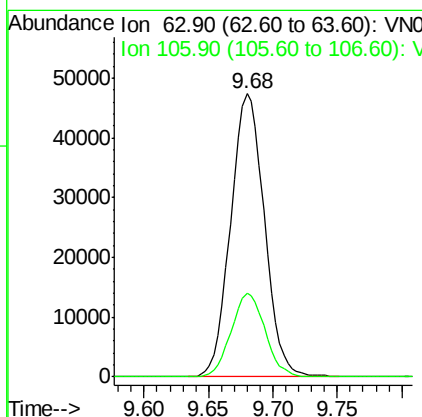
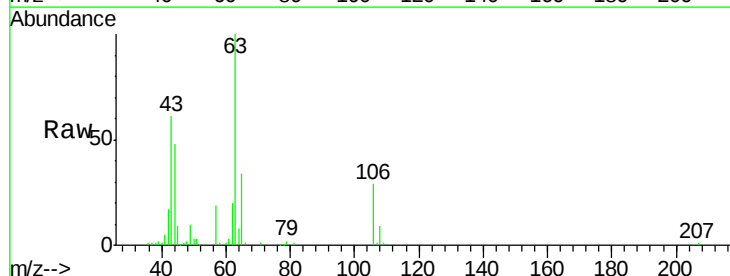
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203MBS01

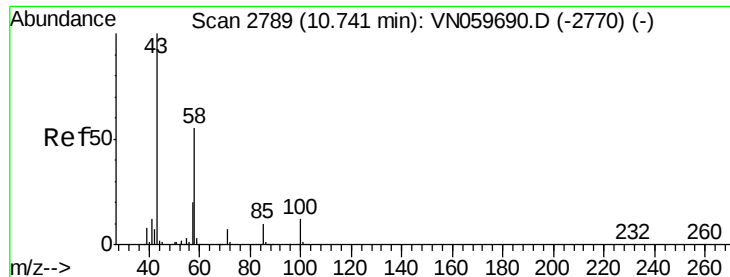
Tgt Ion: 76 Resp: 61549
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.99 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: VN059967.D
 Acq: 3 Feb 2020 12:12

Tgt Ion: 63 Resp: 86242
 Ion Ratio Lower Upper
 63 100
 106 29.4 20.2 30.2

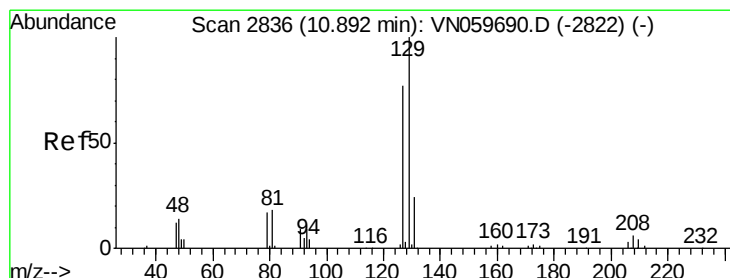
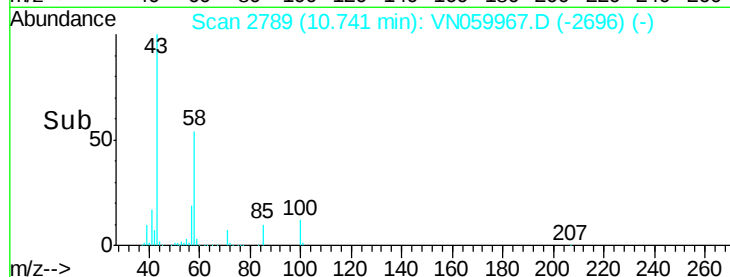
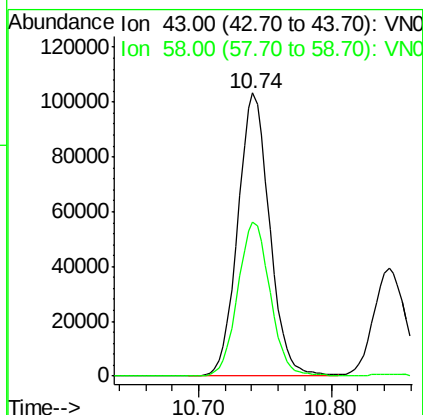
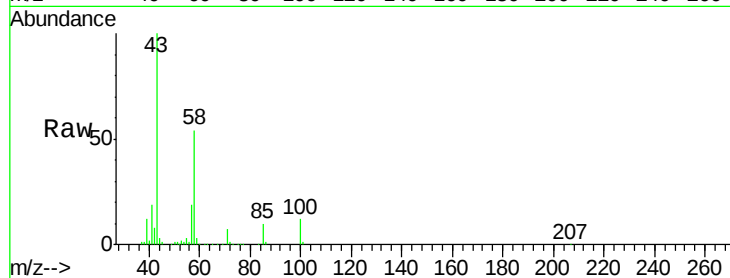




#59
2-Hexanone
Concen: 101.86 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

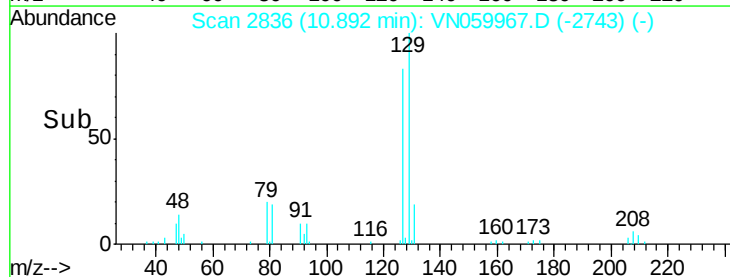
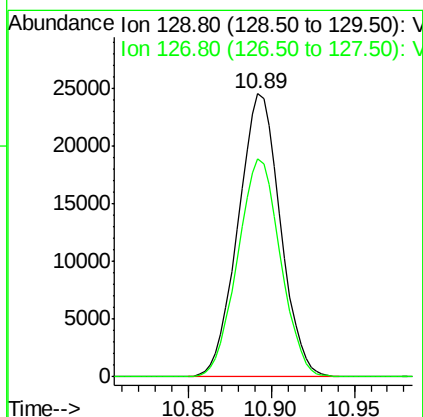
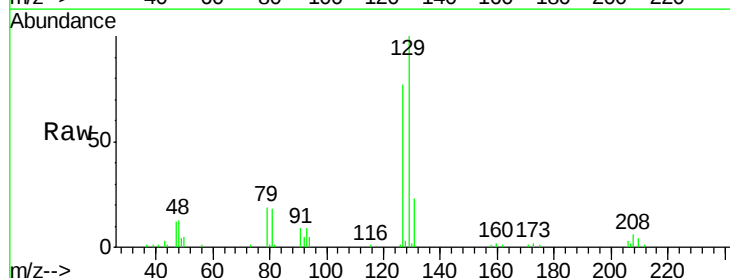
Instrument :
MSVOA_N
ClientSampled :
VN0203MBS01

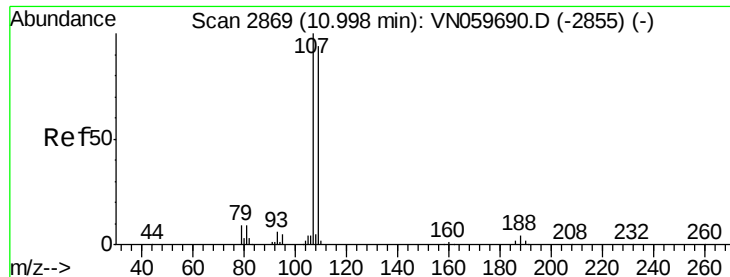
Tgt Ion: 43 Resp: 172331
Ion Ratio Lower Upper
43 100
58 55.5 25.8 77.3



#60
Dibromochloromethane
Concen: 20.74 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

Tgt Ion: 129 Resp: 43392
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.55 ug/l

RT: 11.00 min Scan# 2869

Delta R.T. 0.00 min

Lab File: VN059967.D

Acq: 3 Feb 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

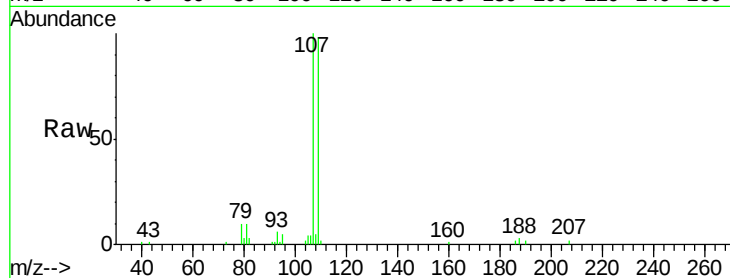
VN0203MBS01

Tgt Ion: 107 Resp: 39570

Ion Ratio Lower Upper

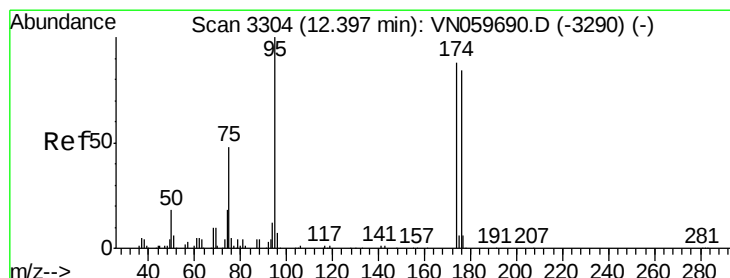
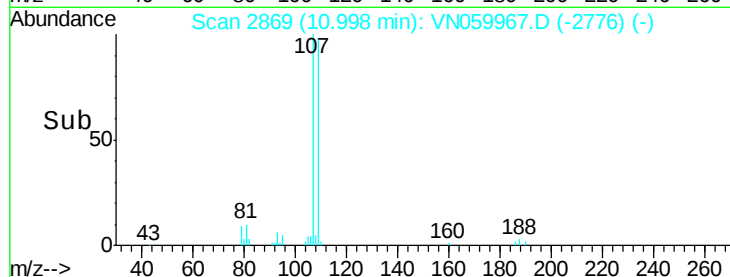
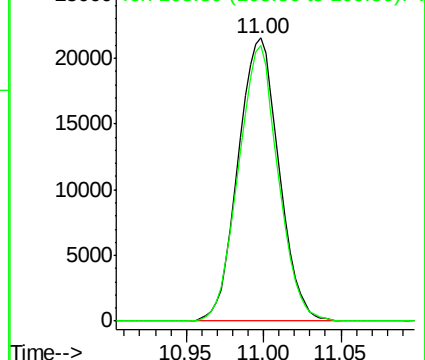
107 100

109 94.6 76.6 115.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.95 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059967.D

Acq: 3 Feb 2020 12:12

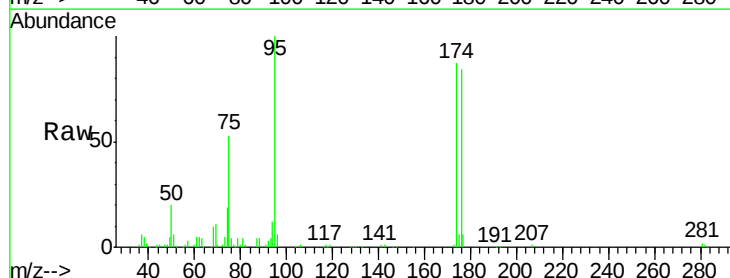
Tgt Ion: 95 Resp: 112949

Ion Ratio Lower Upper

95 100

174 86.8 0.0 151.4

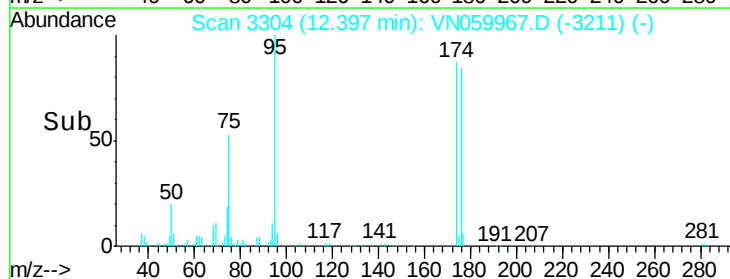
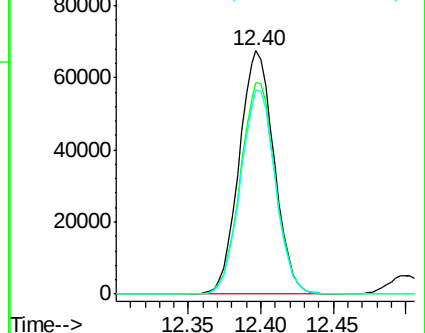
176 83.7 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

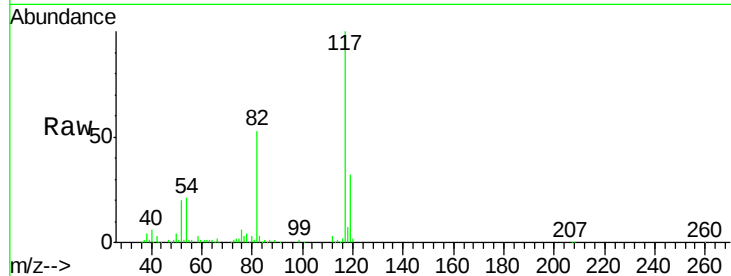




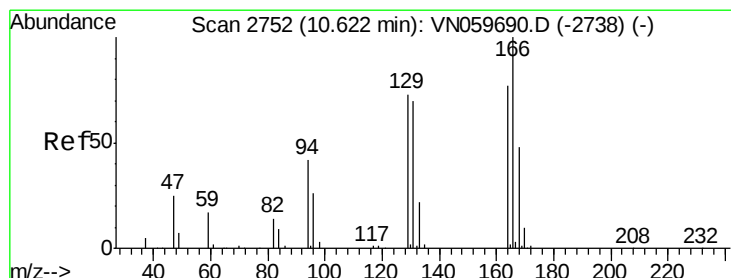
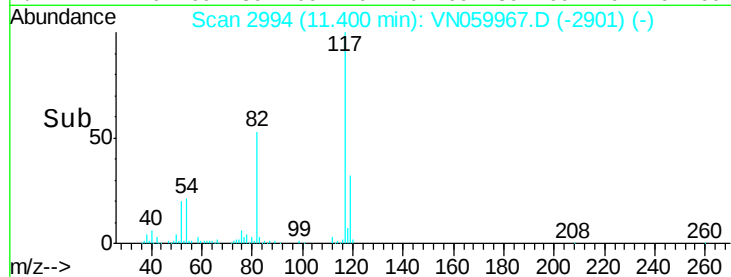
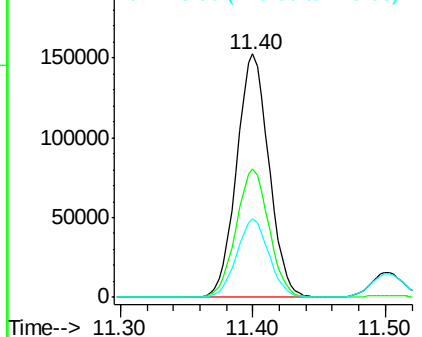
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01

Tgt Ion:117 Resp: 258061
Ion Ratio Lower Upper
117 100
82 52.6 45.9 68.9
119 32.0 25.5 38.3

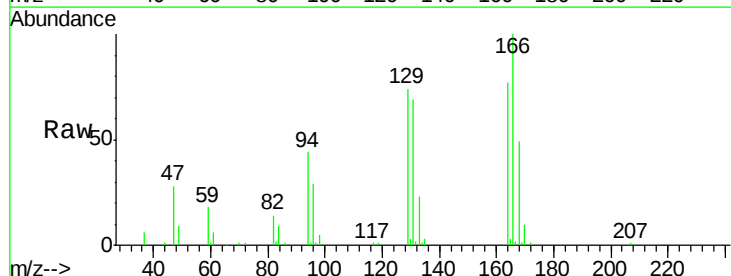


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

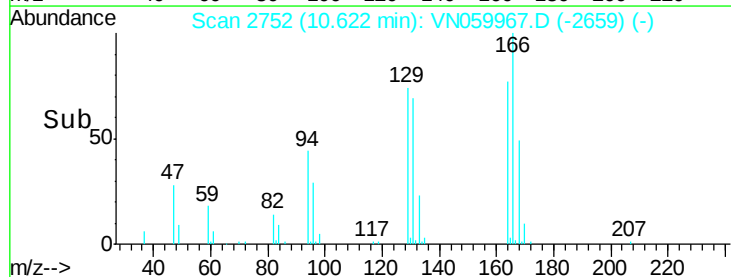
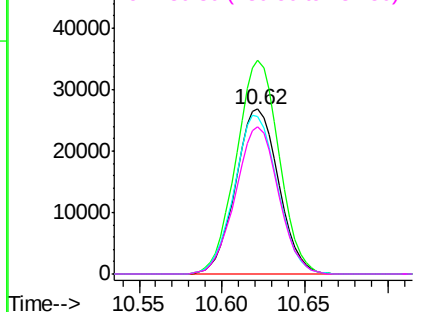


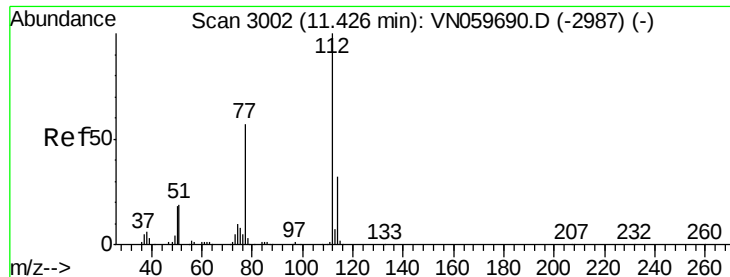
#64
Tetrachloroethene
Concen: 23.01 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

Tgt Ion:164 Resp: 48402
Ion Ratio Lower Upper
164 100
166 129.5 101.4 152.0
129 95.6 80.2 120.4
131 89.4 75.0 112.4



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

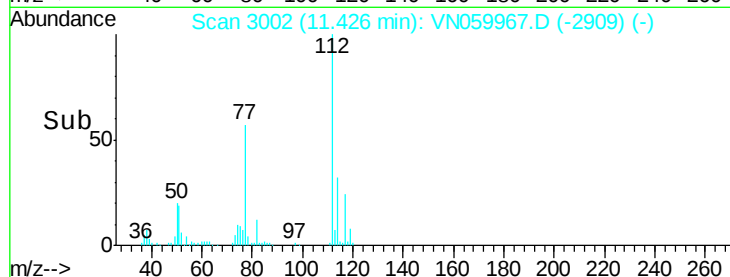
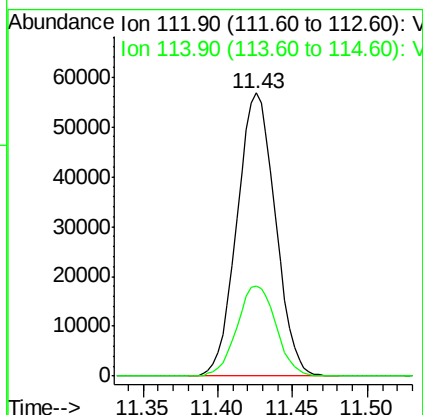
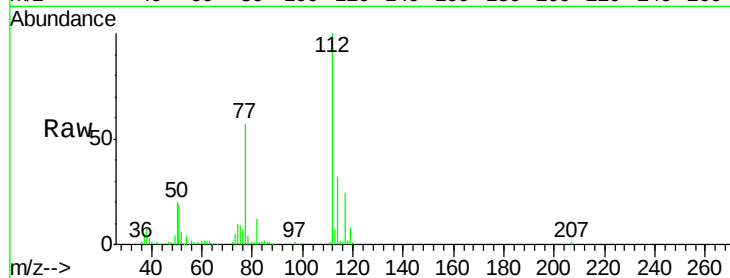




#65
Chlorobenzene
Concen: 19.98 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

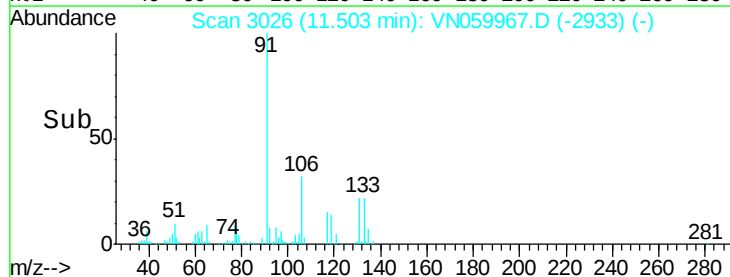
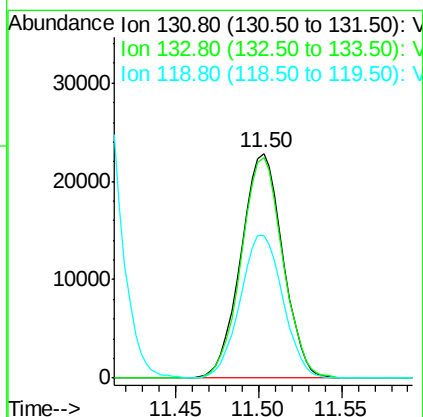
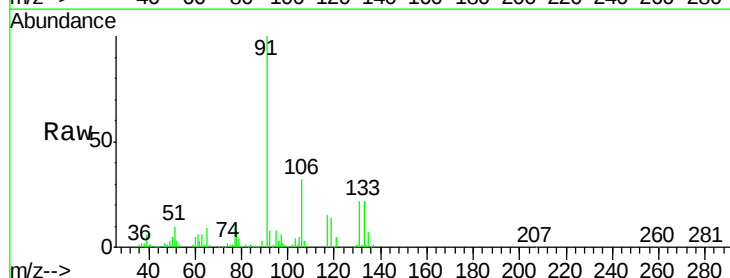
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01

Tgt Ion:112 Resp: 101332
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.50 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

Tgt Ion:131 Resp: 40188
Ion Ratio Lower Upper
131 100
133 97.2 47.4 142.2
119 64.6 33.1 99.3





#67

Ethyl Benzene

Concen: 19.47 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059967.D

Acq: 3 Feb 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

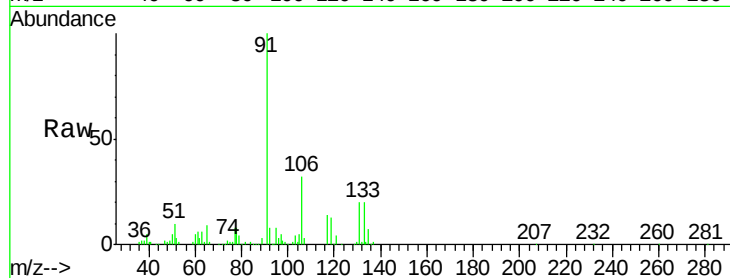
VN0203MBS01

Tgt Ion: 91 Resp: 179230

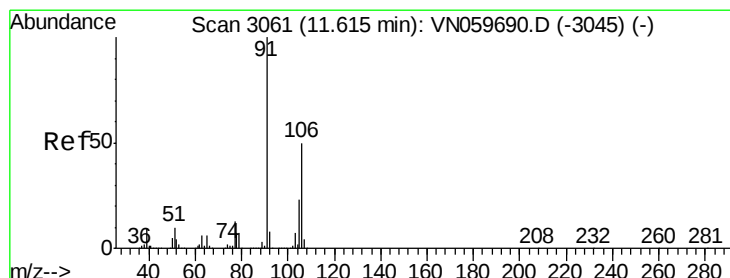
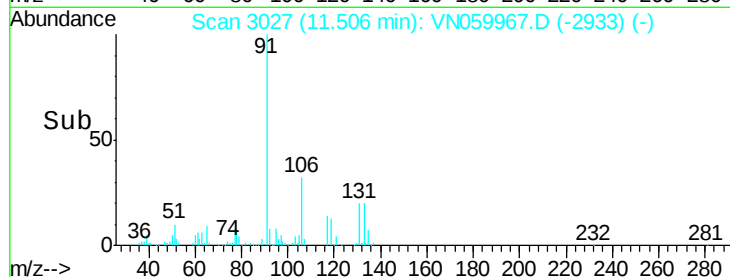
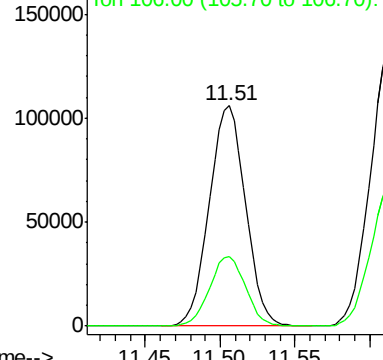
Ion Ratio Lower Upper

91 100

106 31.6 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN059967.D (-2933) (-)



#68

m/p-Xylenes

Concen: 38.74 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059967.D

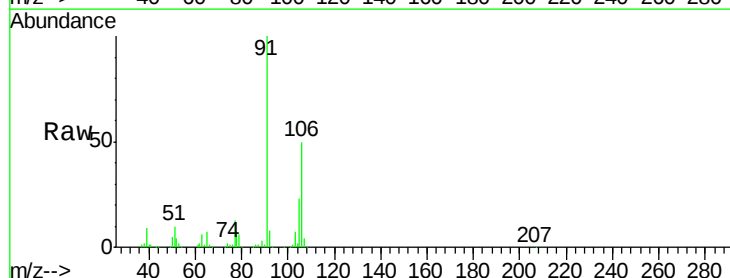
Acq: 3 Feb 2020 12:12

Tgt Ion: 106 Resp: 134729

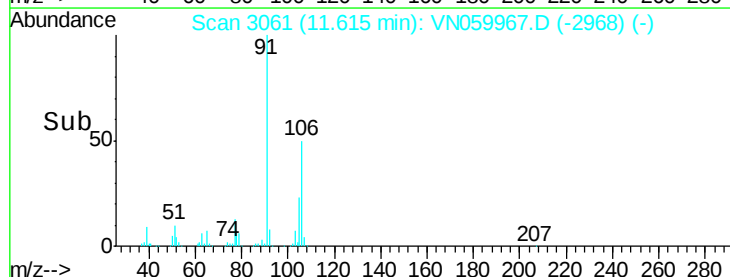
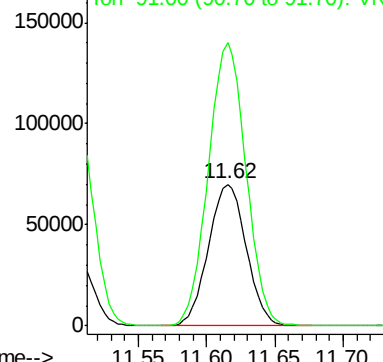
Ion Ratio Lower Upper

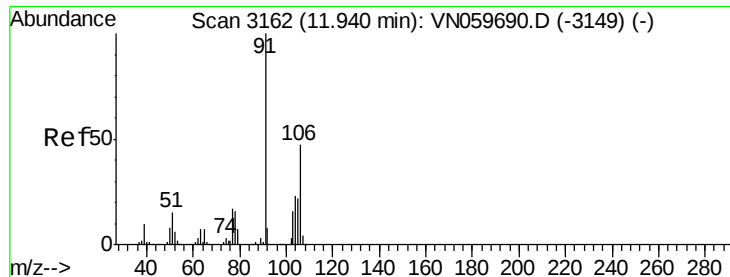
106 100

91 200.0 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): VN059967.D (-2968) (-)

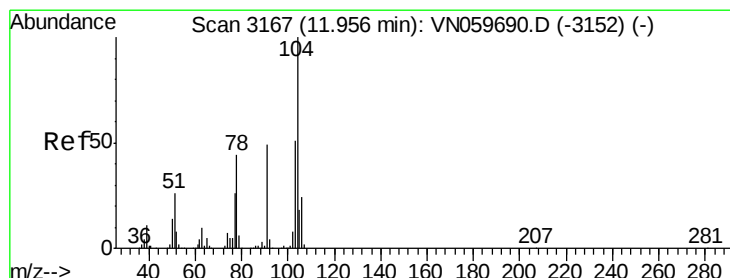
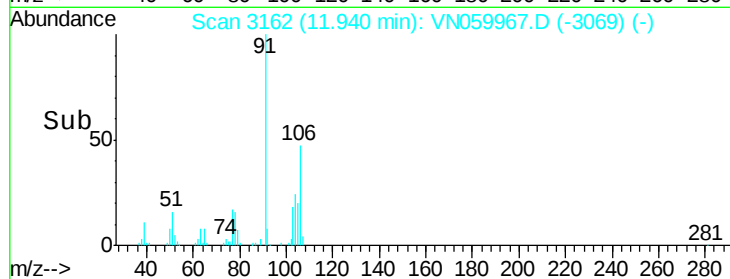
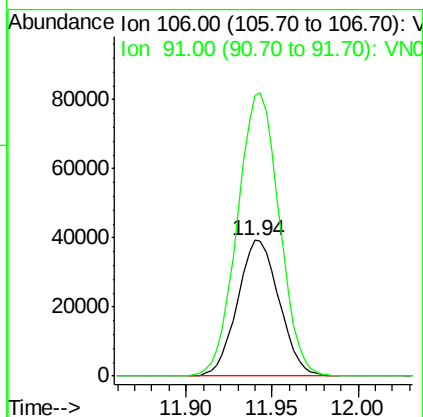
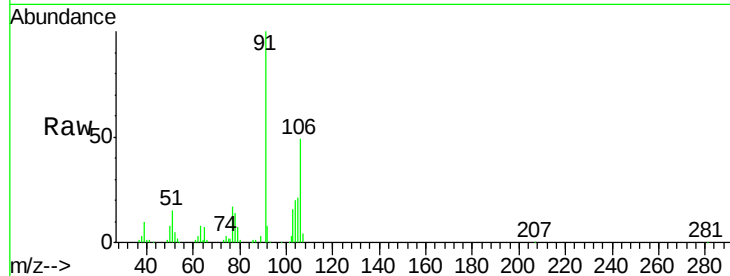




#69
o-Xylene
Concen: 19.45 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

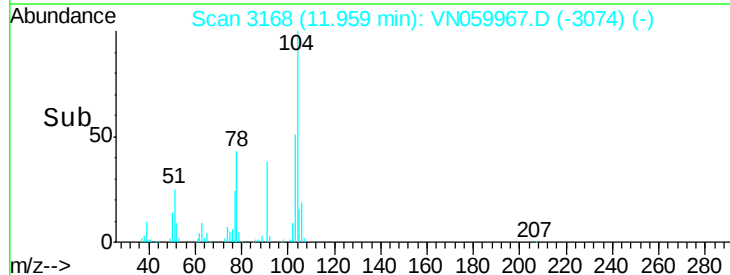
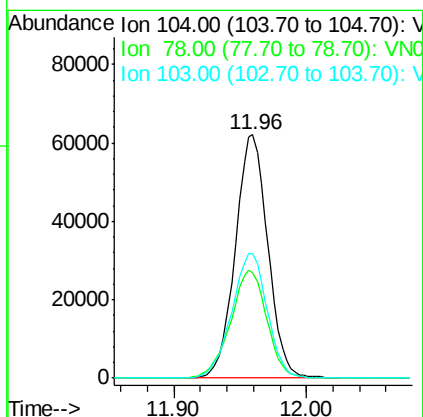
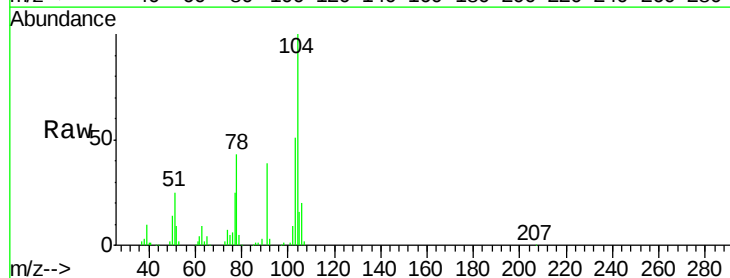
Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01

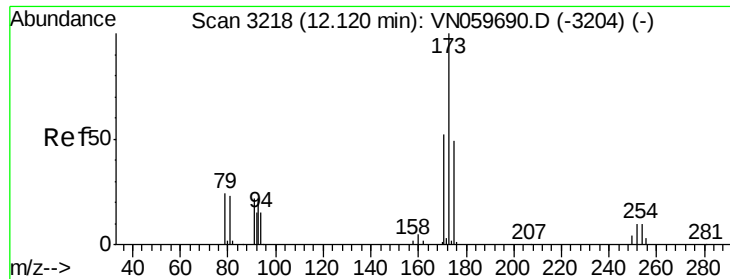
Tgt Ion:106 Resp: 66219
Ion Ratio Lower Upper
106 100
91 210.4 110.3 330.9



#70
Styrene
Concen: 18.52 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

Tgt Ion:104 Resp: 105521
Ion Ratio Lower Upper
104 100
78 49.4 42.4 63.6
103 56.3 43.9 65.9

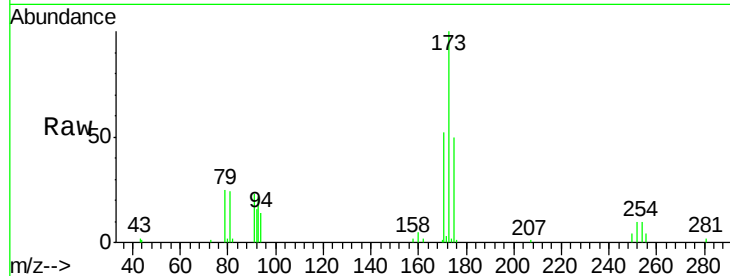




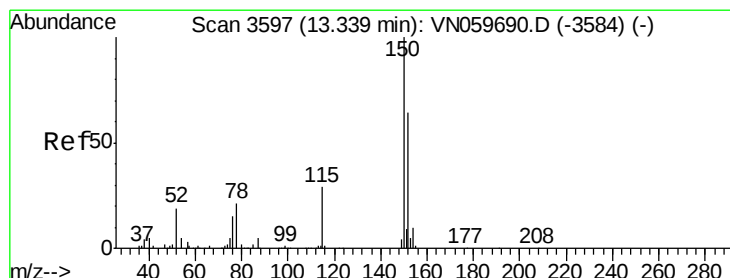
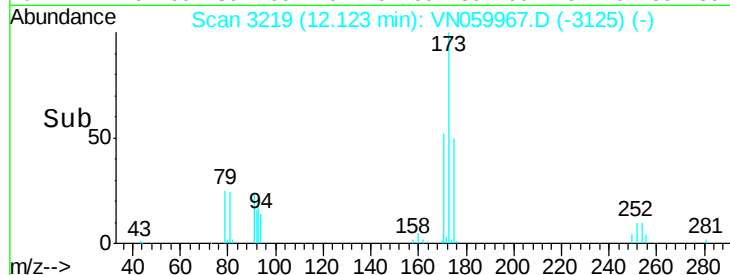
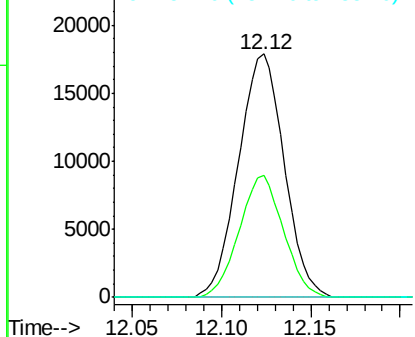
#71
Bromoform
Concen: 20.42 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. 0.00 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01

Tgt Ion:173 Resp: 32065
Ion Ratio Lower Upper
173 100
175 48.5 23.8 71.4
254 0.0 0.0 0.0

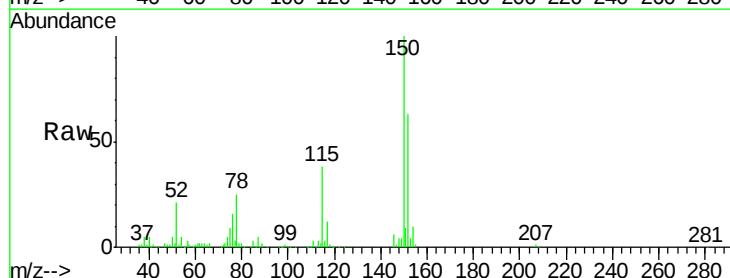


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

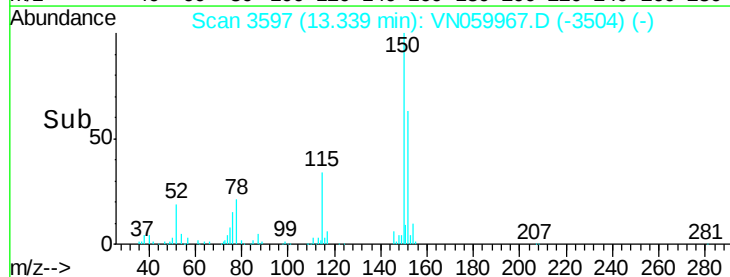
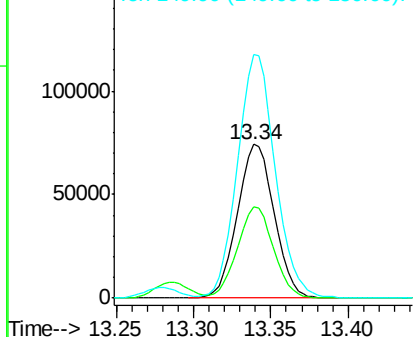


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

Tgt Ion:152 Resp: 122513
Ion Ratio Lower Upper
152 100
115 58.4 30.3 90.9
150 163.6 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: 19.86 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059967.D

Acq: 3 Feb 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

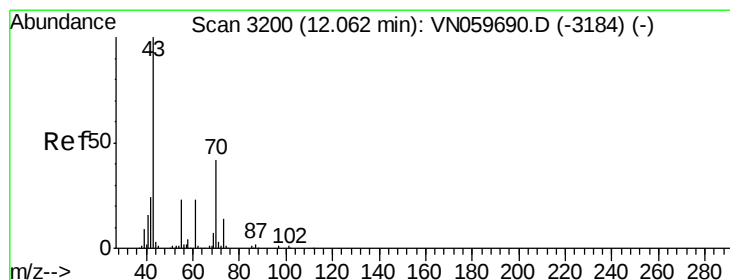
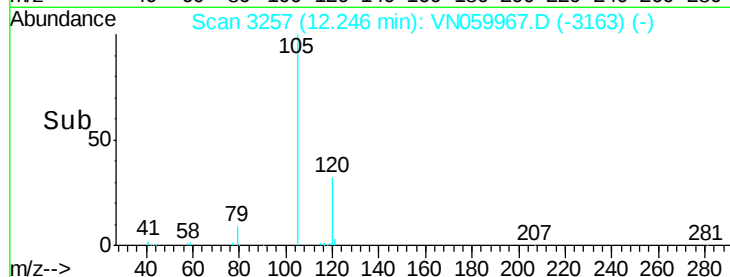
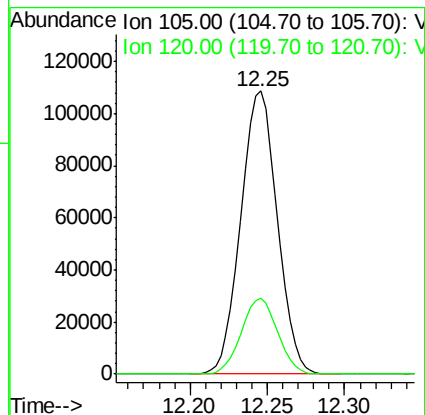
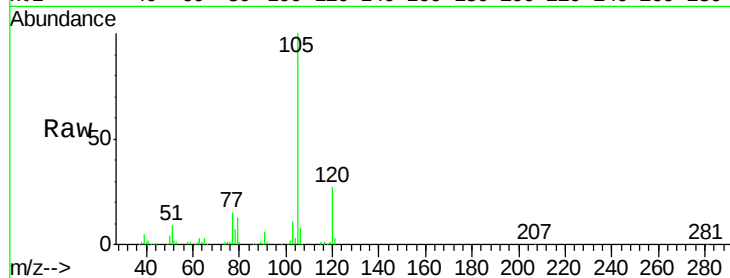
VN0203MBS01

Tgt Ion: 105 Resp: 178473

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.5



#74

N-ethyl acetate

Concen: 18.50 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059967.D

Acq: 3 Feb 2020 12:12

Tgt Ion: 43 Resp: 64513

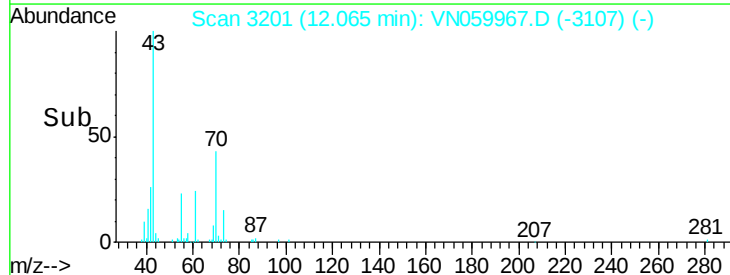
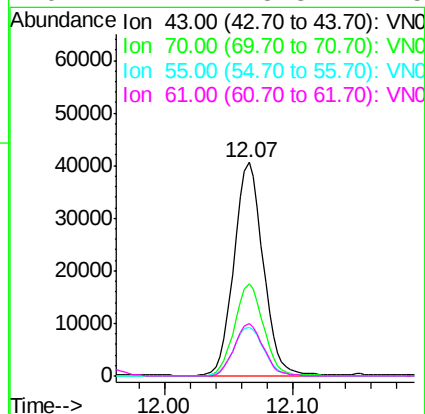
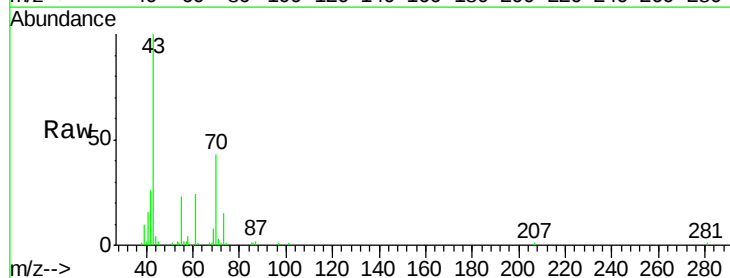
Ion Ratio Lower Upper

43 100

70 42.8 31.3 46.9

55 23.5 19.8 29.6

61 24.1 18.3 27.5

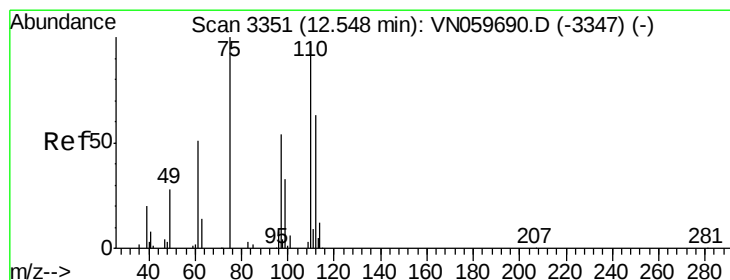
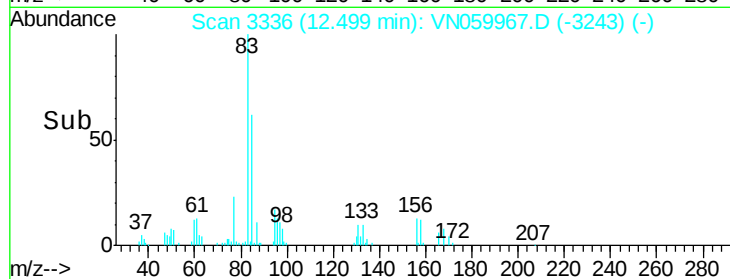
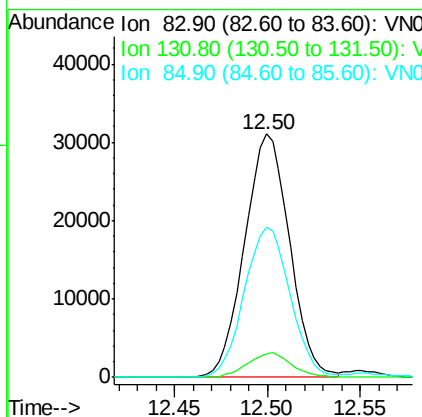
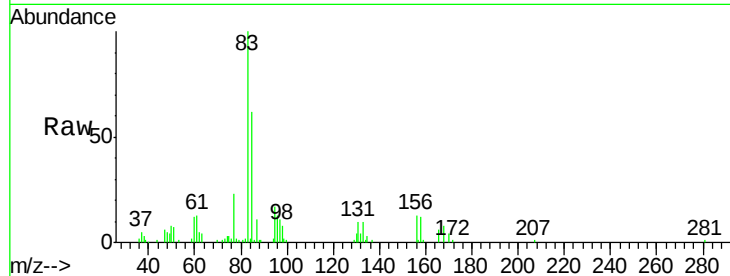




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.09 ug/l
 RT: 12.50 min Scan# 3336
 Delta R.T. 0.00 min
 Lab File: VN059967.D
 Acq: 3 Feb 2020 12:12

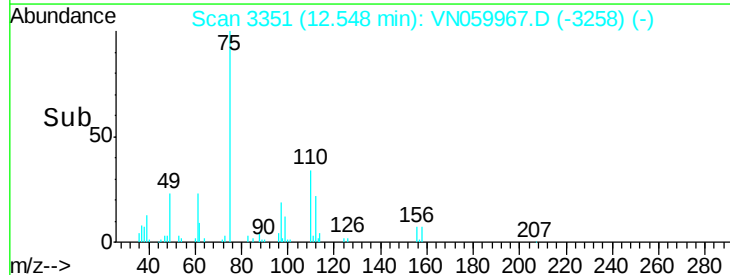
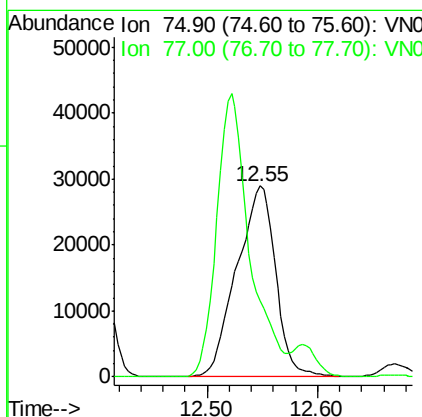
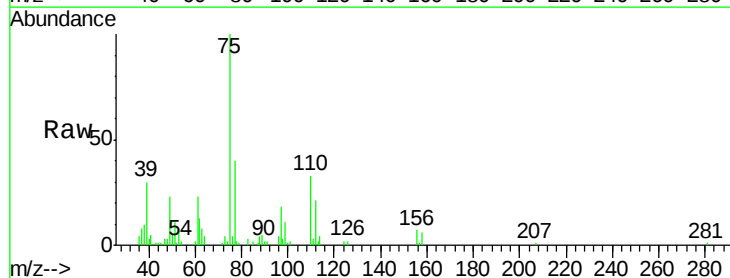
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203MBS01

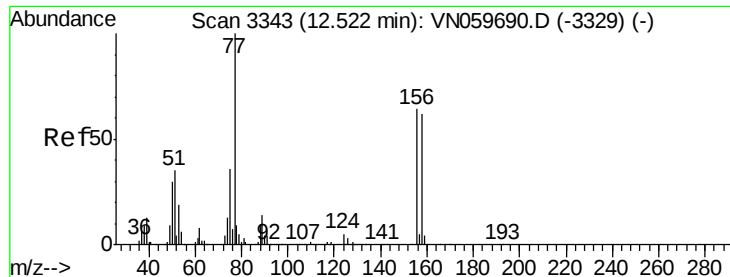
Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	14.9
85	62.9	31.9	95.5



#76
 1,2,3-Trichloropropane
 Concen: 34.34 ug/l
 RT: 12.55 min Scan# 3351
 Delta R.T. 0.00 min
 Lab File: VN059967.D
 Acq: 3 Feb 2020 12:12

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.31 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059967.D

Acq: 3 Feb 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0203MBS01

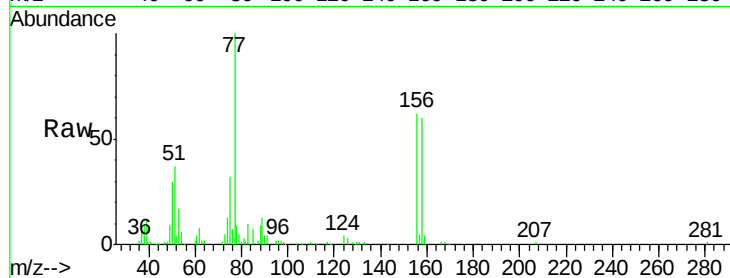
Tgt Ion:156 Resp: 46223

Ion Ratio Lower Upper

156 100

77 193.1 115.8 347.4

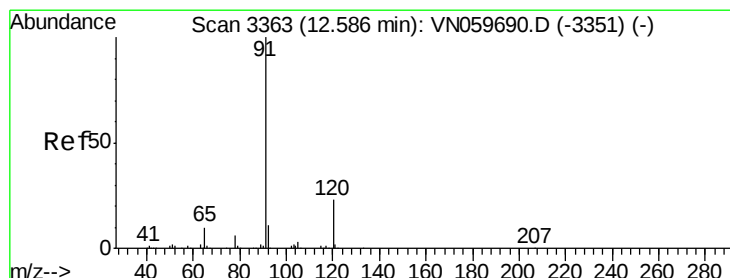
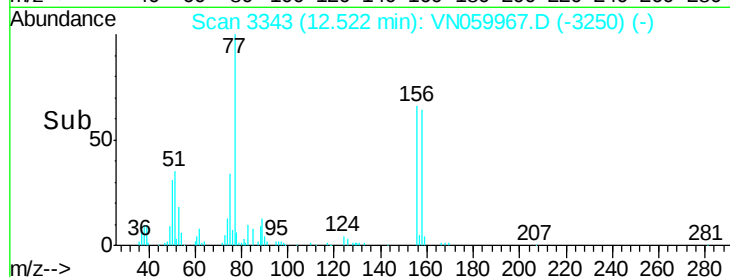
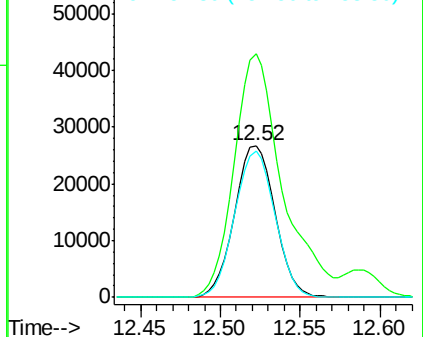
158 95.7 49.2 147.6



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: 19.41 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059967.D

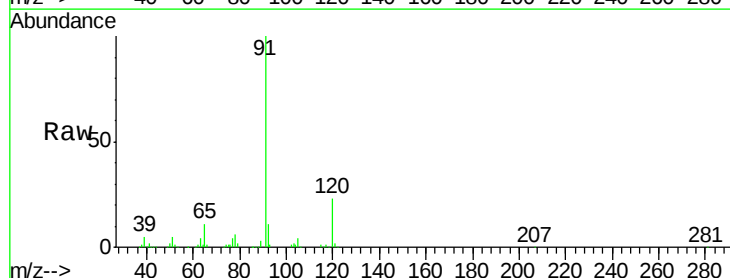
Acq: 3 Feb 2020 12:12

Tgt Ion: 91 Resp: 195762

Ion Ratio Lower Upper

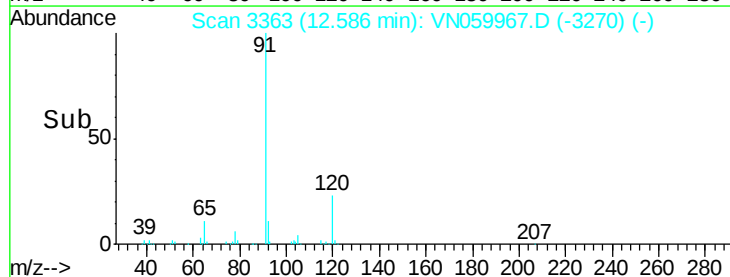
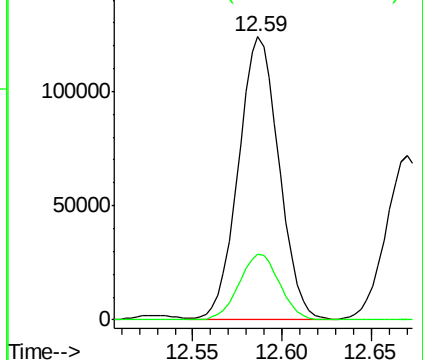
91 100

120 23.4 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: 19.68 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059967.D

Acq: 3 Feb 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

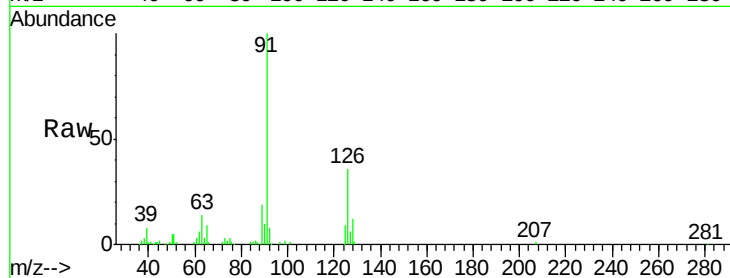
VN0203MBS01

Tgt Ion: 91 Resp: 118076

Ion Ratio Lower Upper

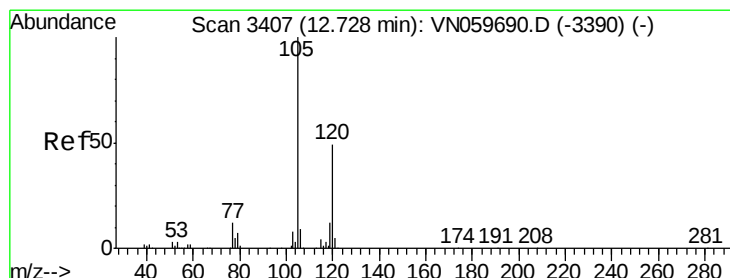
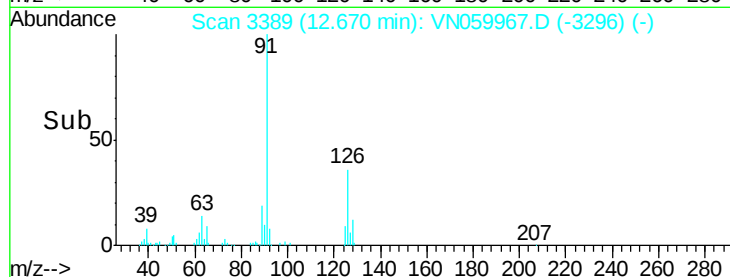
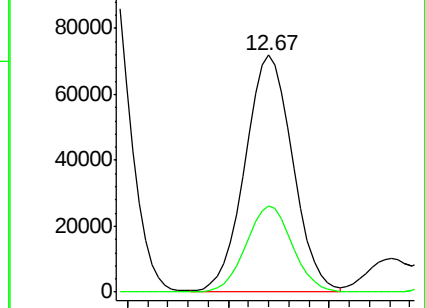
91 100

126 35.8 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VN059967.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN059967.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.62 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN059967.D

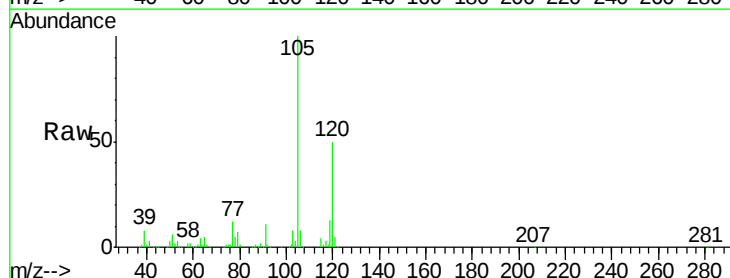
Acq: 3 Feb 2020 12:12

Tgt Ion: 105 Resp: 148293

Ion Ratio Lower Upper

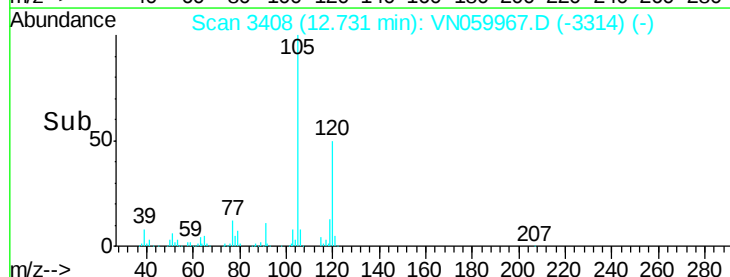
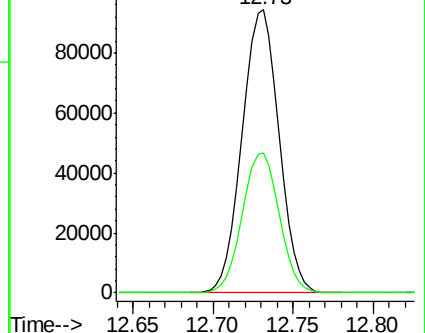
105 100

120 49.7 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059967.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN059967.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.55 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN059967.D

Acq: 3 Feb 2020 12:12

Instrument :

MSVOA_N

ClientSampled :

VN0203MBS01

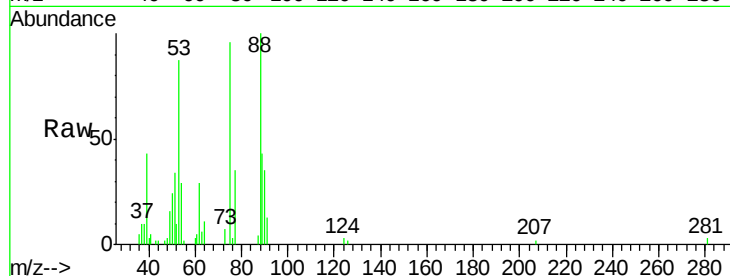
Tgt Ion: 75 Resp: 18765

Ion Ratio Lower Upper

75 100

53 92.0 78.1 117.1

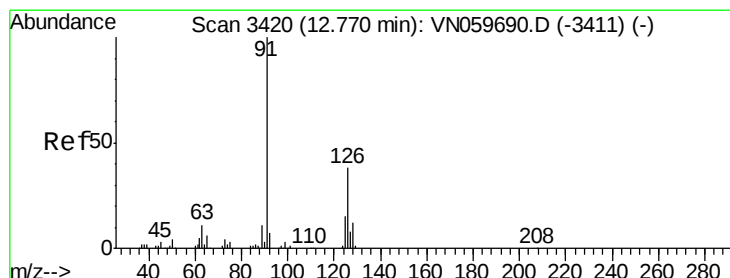
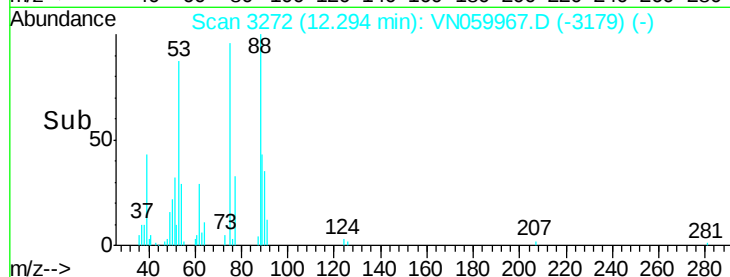
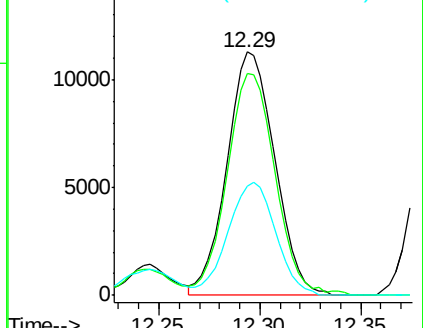
89 46.3 35.4 53.2



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: 19.94 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059967.D

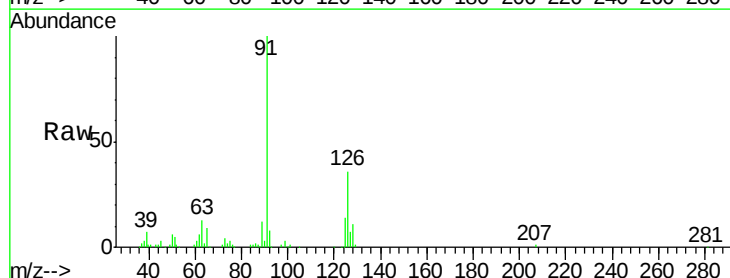
Acq: 3 Feb 2020 12:12

Tgt Ion: 91 Resp: 120009

Ion Ratio Lower Upper

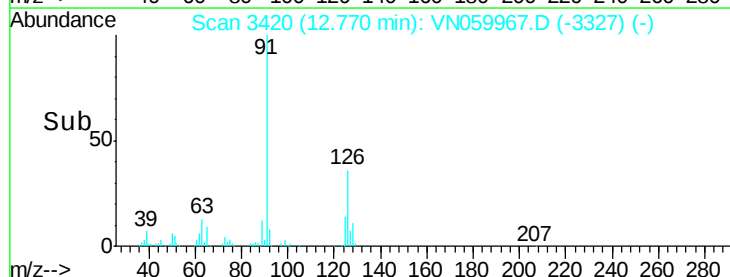
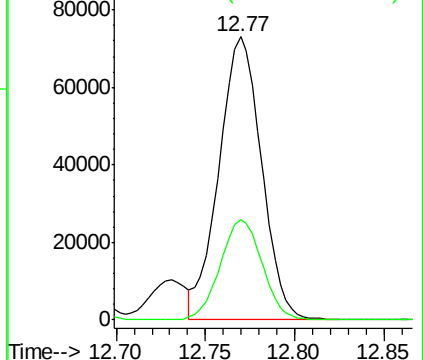
91 100

126 35.2 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

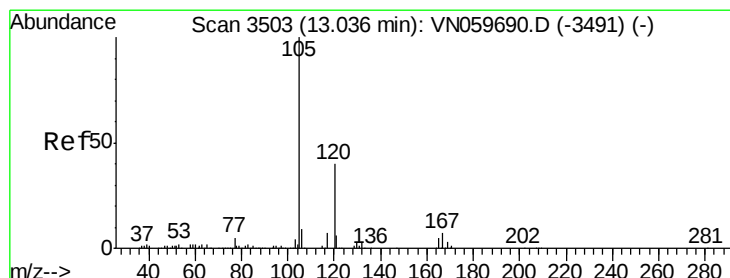
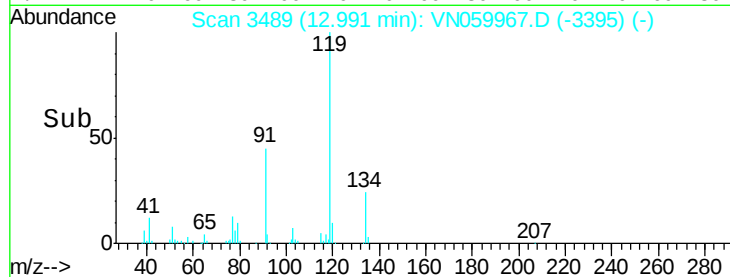
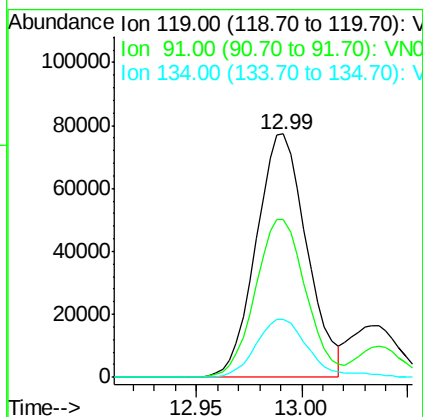
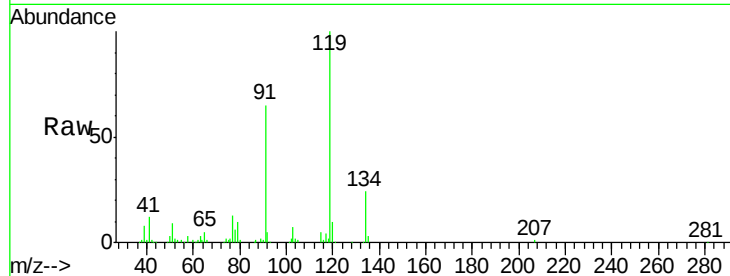




#83
 tert-Butylbenzene
 Concen: 19.77 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN059967.D
 Acq: 3 Feb 2020 12:12

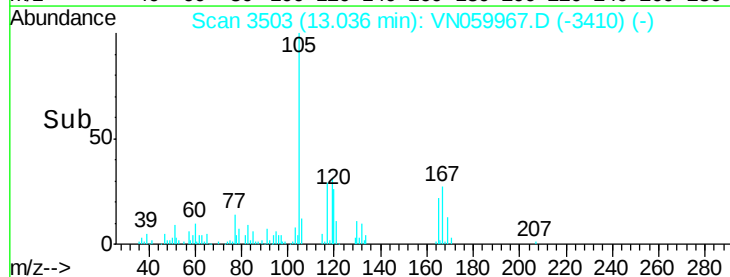
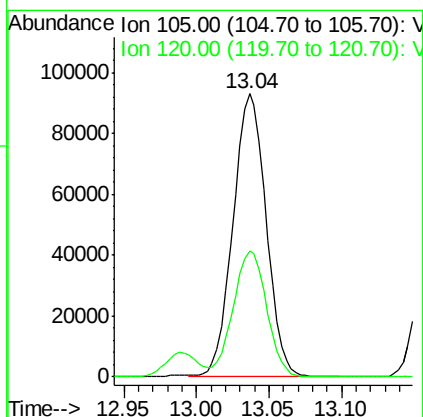
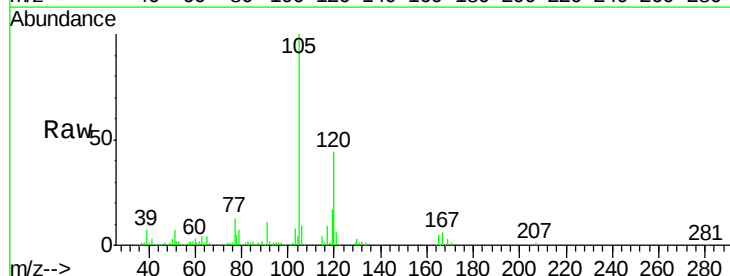
Instrument :
 MSVOA_N
 ClientSampled :
 VN0203MBS01

Tgt Ion:119 Resp: 129197
 Ion Ratio Lower Upper
 119 100
 91 65.1 34.8 104.4
 134 25.0 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.76 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN059967.D
 Acq: 3 Feb 2020 12:12

Tgt Ion:105 Resp: 147699
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.3 66.9

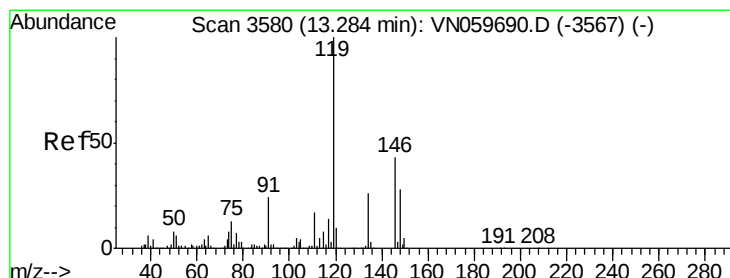
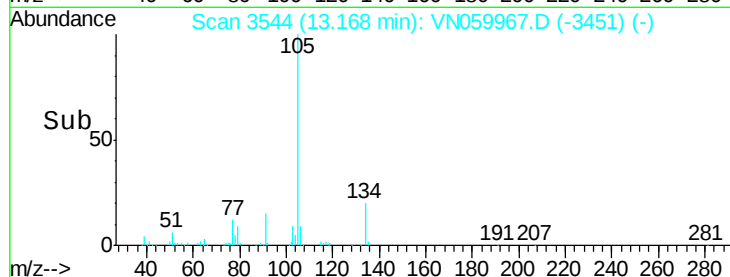
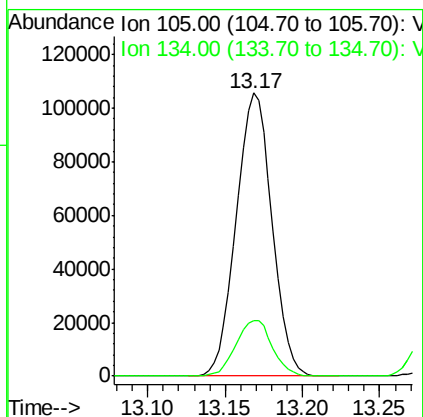
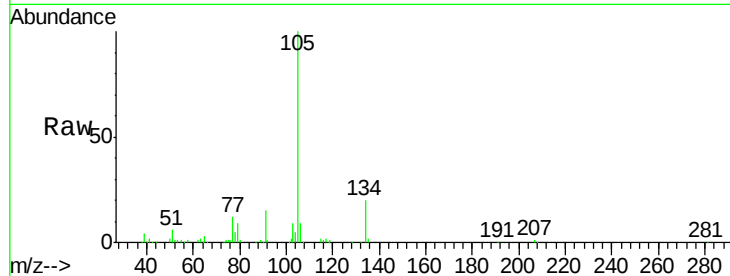




#85
 sec-Butylbenzene
 Concen: 19.78 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059967.D
 Acq: 3 Feb 2020 12:12

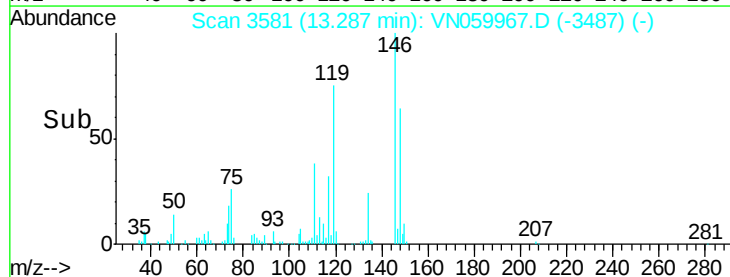
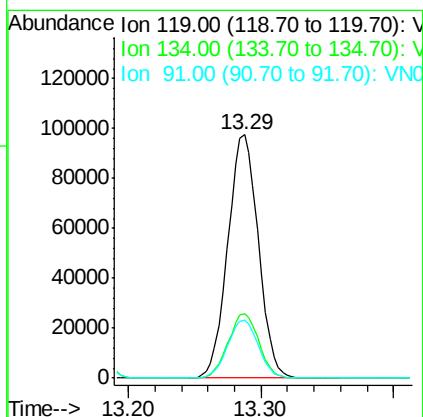
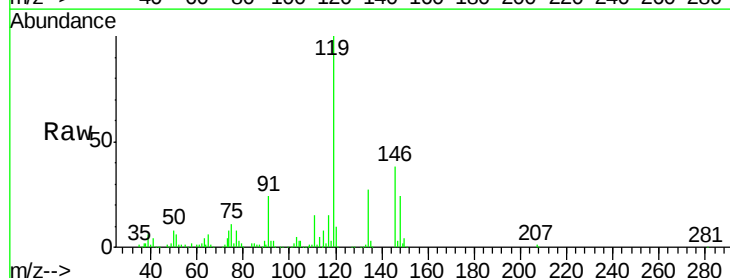
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203MBS01

Tgt Ion:105 Resp: 169861
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 19.63 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN059967.D
 Acq: 3 Feb 2020 12:12

Tgt Ion:119 Resp: 155989
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.9 38.7
 91 23.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.10 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN059967.D

Acq: 3 Feb 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0203MBS01

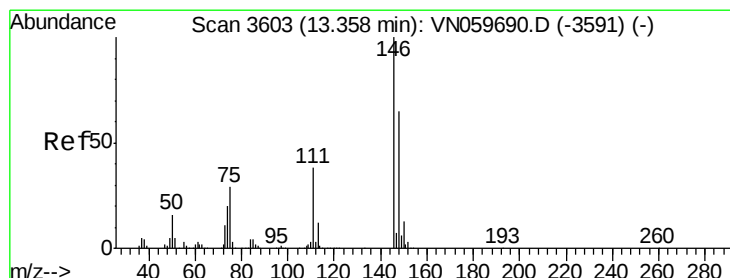
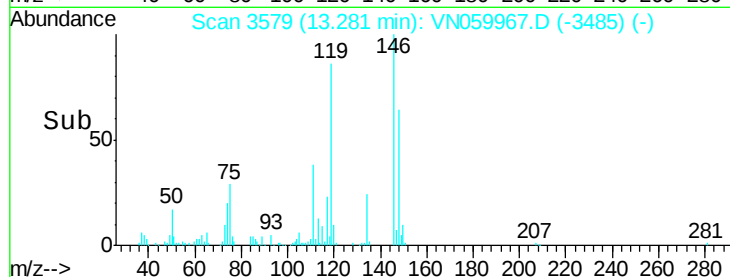
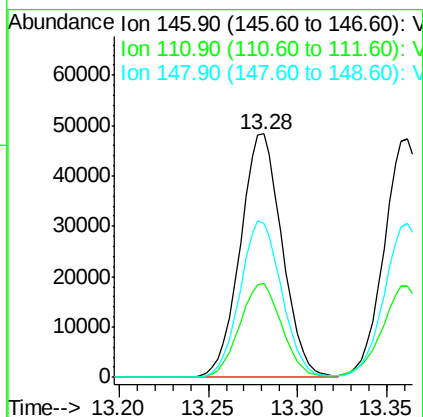
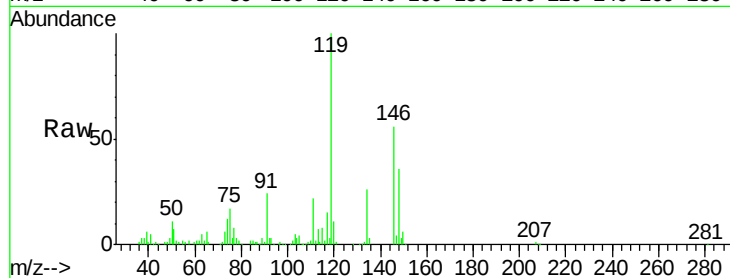
Tgt Ion:146 Resp: 79451

Ion Ratio Lower Upper

146 100

111 38.7 20.8 62.2

148 63.7 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 19.95 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN059967.D

Acq: 3 Feb 2020 12:12

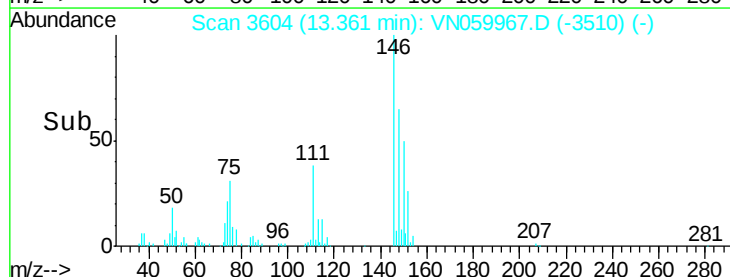
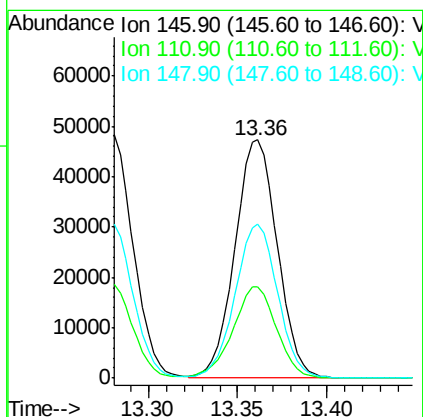
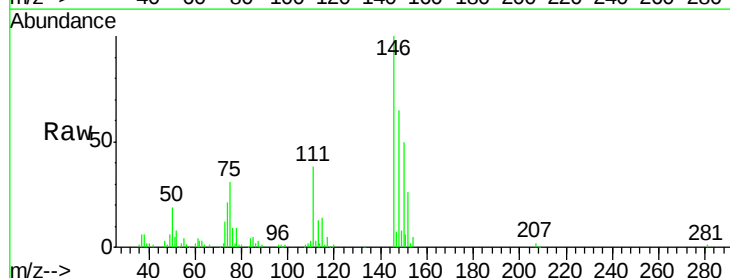
Tgt Ion:146 Resp: 78666

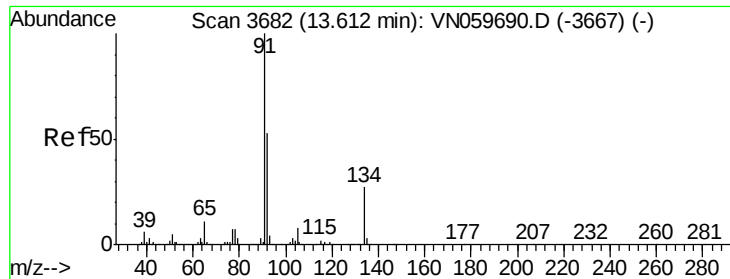
Ion Ratio Lower Upper

146 100

111 39.9 20.8 62.2

148 64.9 31.8 95.4

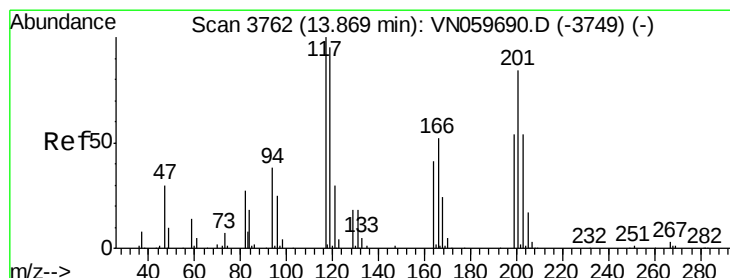
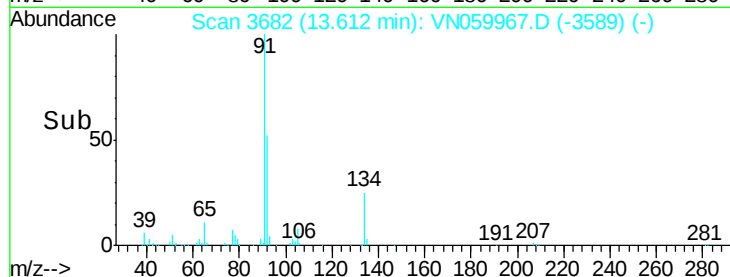
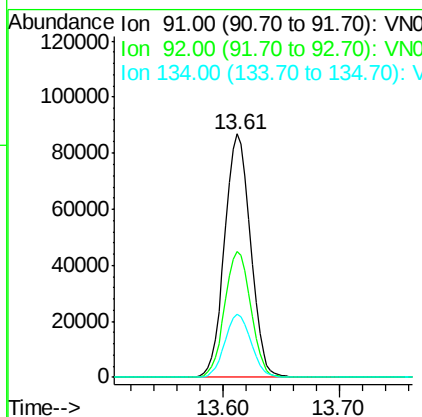
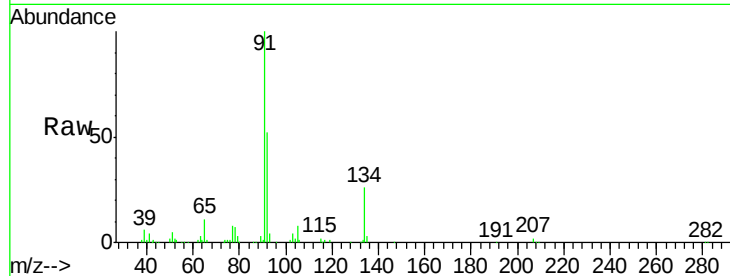




#89
n-Butylbenzene
Concen: 19.81 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

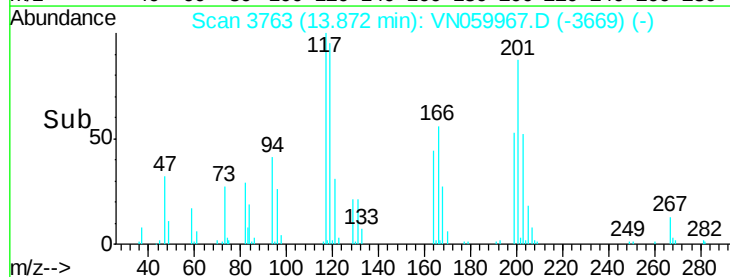
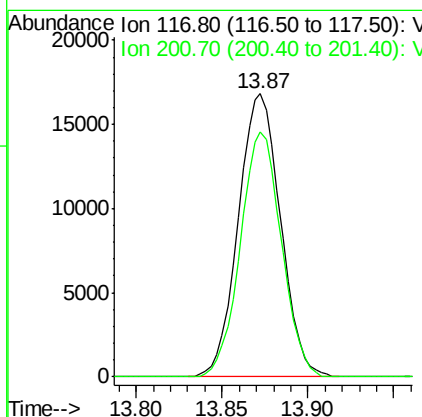
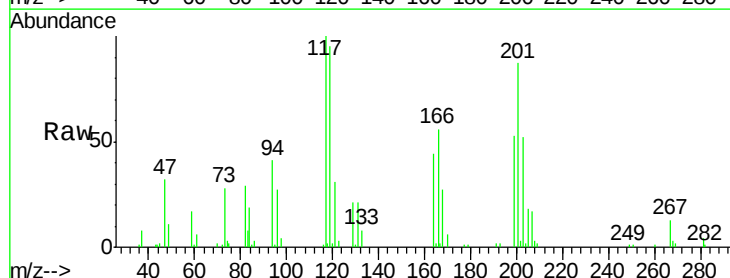
Instrument :
MSVOA_N
ClientSampled :
VN0203MBS01

Tgt Ion: 91 Resp: 134216
Ion Ratio Lower Upper
91 100
92 52.1 25.9 77.7
134 26.2 12.3 36.8



#90
Hexachloroethane
Concen: 19.31 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

Tgt Ion: 117 Resp: 28708
Ion Ratio Lower Upper
117 100
201 83.8 37.8 113.4

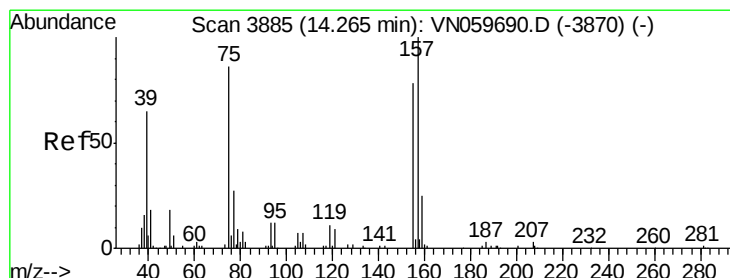
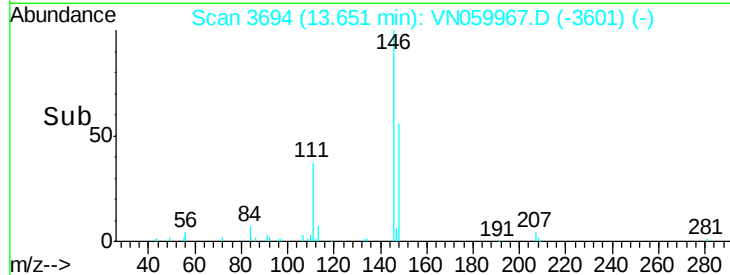
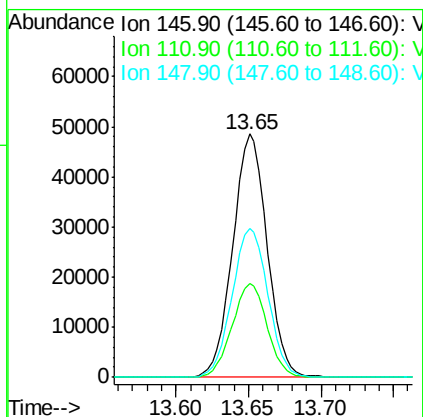
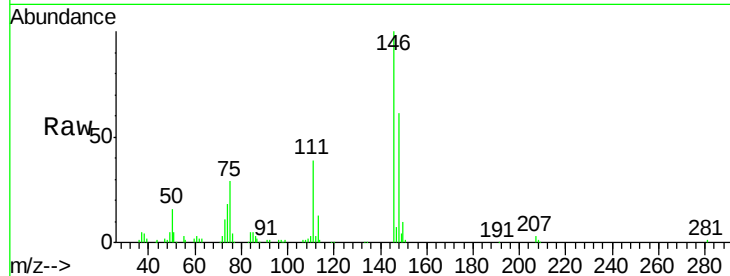




#91
 1,2-Dichlorobenzene
 Concen: 20.45 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059967.D
 Acq: 3 Feb 2020 12:12

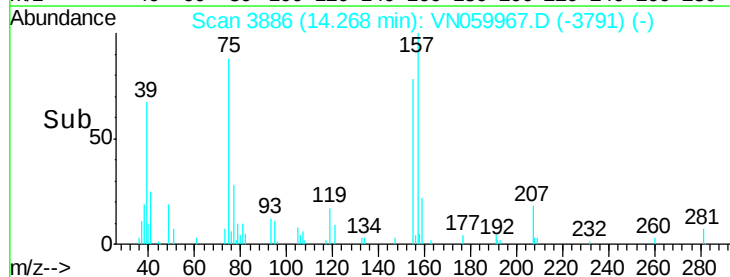
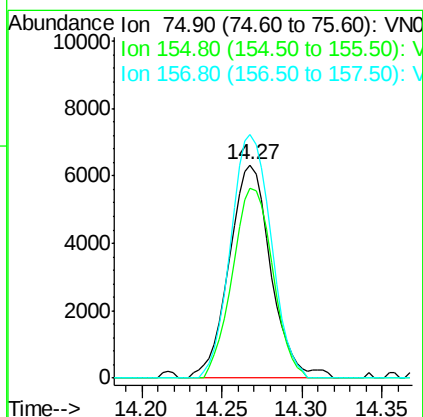
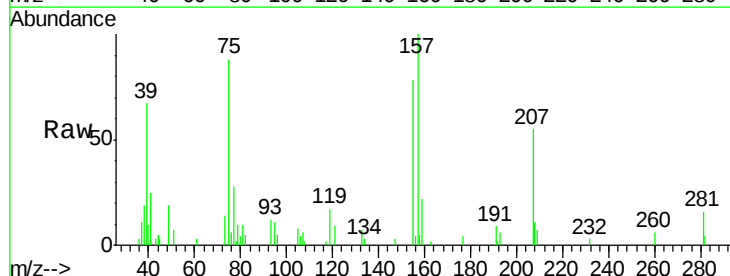
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203MBS01

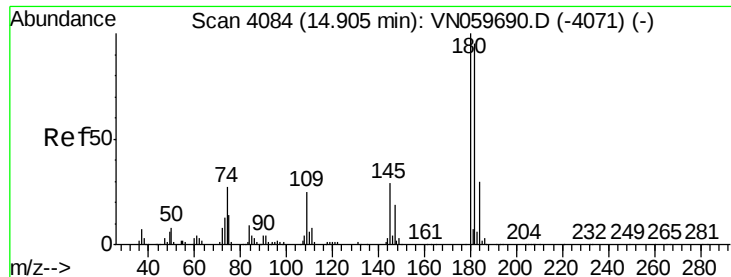
Tgt Ion: 146 Resp: 79898
 Ion Ratio Lower Upper
 146 100
 111 39.2 21.6 64.8
 148 63.8 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.82 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN059967.D
 Acq: 3 Feb 2020 12:12

Tgt Ion: 75 Resp: 11250
 Ion Ratio Lower Upper
 75 100
 155 85.8 37.0 110.9
 157 110.3 48.4 145.2

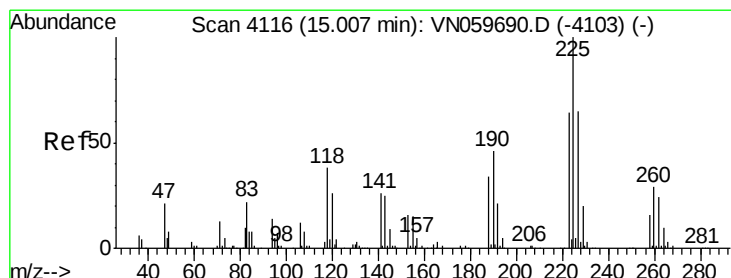
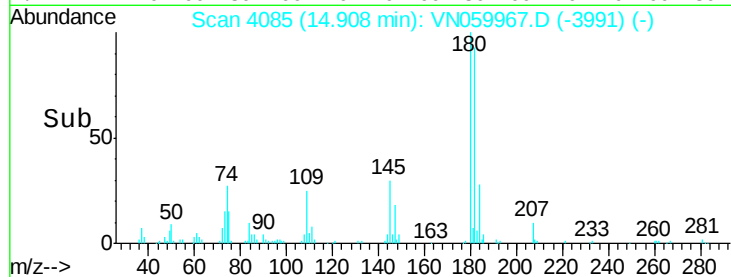
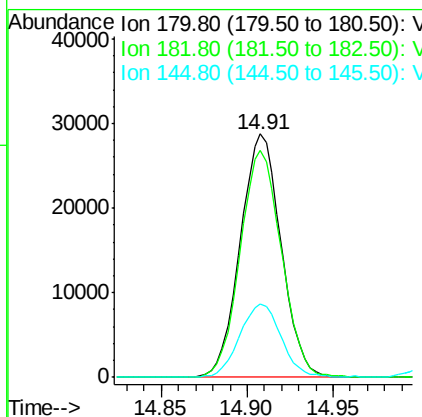
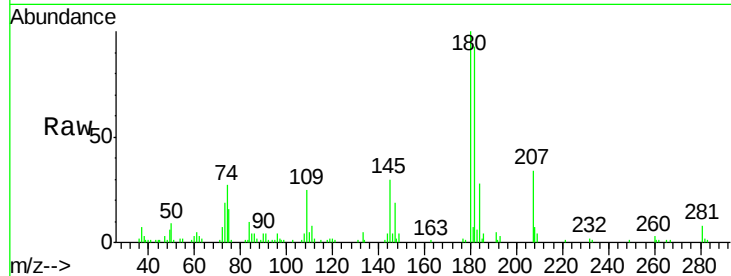




#93
 1,2,4-Trichlorobenzene
 Concen: 20.16 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059967.D
 Acq: 3 Feb 2020 12:12

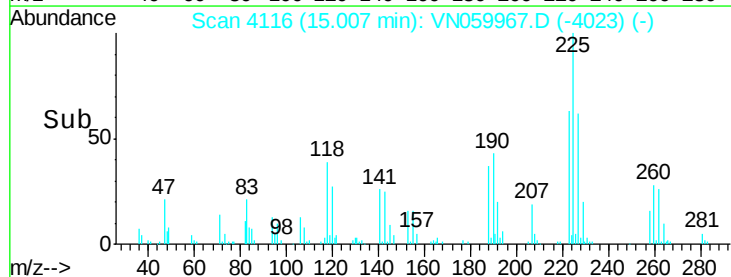
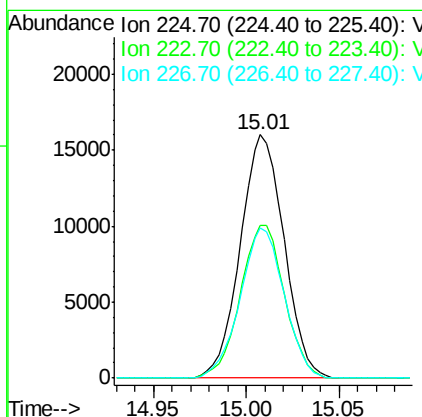
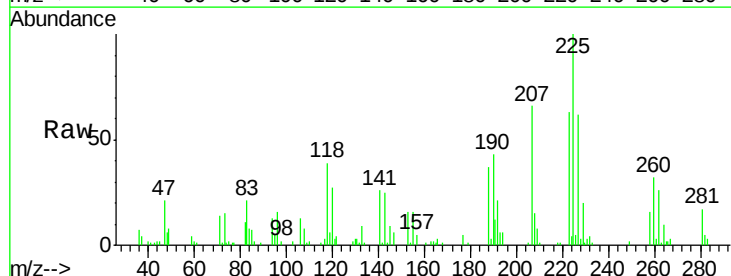
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203MBS01

Tgt Ion:180 Resp: 47336
 Ion Ratio Lower Upper
 180 100
 182 94.2 46.9 140.7
 145 30.6 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 20.36 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059967.D
 Acq: 3 Feb 2020 12:12

Tgt Ion:225 Resp: 26344
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.8 95.3
 227 62.0 32.1 96.5

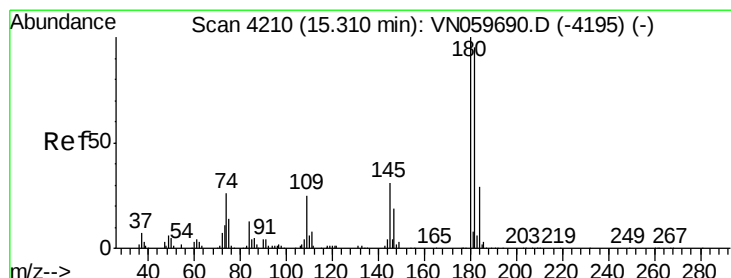
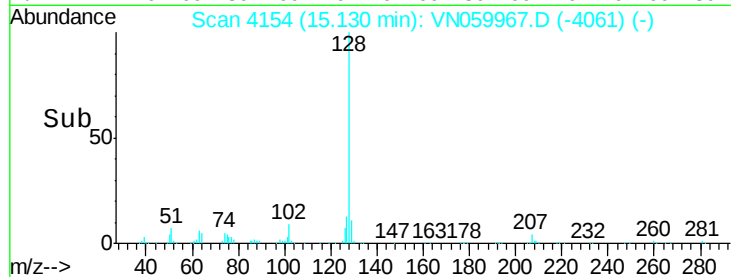
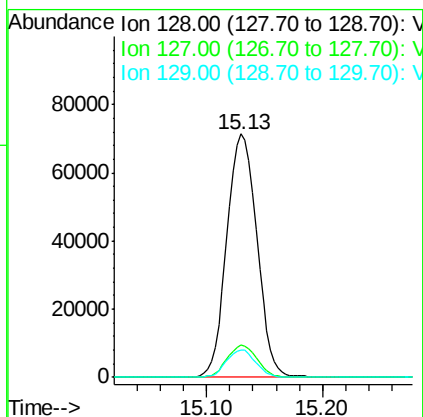
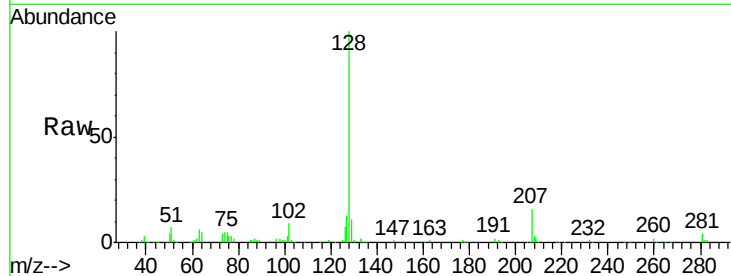




#95
Naphthalene
Concen: 19.22 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0203MBS01

Tgt Ion:128 Resp: 128386
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.98 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN059967.D
Acq: 3 Feb 2020 12:12

Tgt Ion:180 Resp: 47946
Ion Ratio Lower Upper
180 100
182 93.5 47.4 142.3
145 31.4 16.3 48.9

