

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060420\
 Data File : VN061648.D
 Acq On : 4 Jun 2020 13:07
 Operator : JC/MD
 Sample : VN0604MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604MBS01

Quant Time: Jun 05 07:45:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	298109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	492539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	463045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	224033	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	173044	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
35) Dibromofluoromethane	7.54	113	136022	54.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.88%	
50) Toluene-d8	10.06	98	572409	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	12.38	95	200378	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	62042	18.760	ug/l	100
3) Chloromethane	2.03	50	66383	18.257	ug/l	99
4) Vinyl Chloride	2.16	62	89827	18.028	ug/l	100
5) Bromomethane	2.54	94	55745	19.497	ug/l	98
6) Chloroethane	2.67	64	58196	18.146	ug/l	99
7) Trichlorofluoromethane	2.98	101	110192	17.150	ug/l	97
8) Diethyl Ether	3.37	74	36030	18.339	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	53952	18.922	ug/l	98
10) Methyl Iodide	3.91	142	72074	18.210	ug/l	98
11) Tert butyl alcohol	4.72	59	47089	99.674	ug/l	99
12) 1,1-Dichloroethene	3.69	96	53596	17.595	ug/l	93
13) Acrolein	3.56	56	14831	88.583	ug/l	96
14) Allyl chloride	4.27	41	67060	16.839	ug/l	97
15) Acrylonitrile	4.92	53	120940	91.716	ug/l	98
16) Acetone	3.77	43	93160	91.233	ug/l	98
17) Carbon Disulfide	4.00	76	124864	18.631	ug/l	99
18) Methyl Acetate	4.27	43	57097	17.758	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	185205	17.840	ug/l	99
20) Methylene Chloride	4.50	84	63908	18.708	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	60092	17.493	ug/l	92
22) Diisopropyl ether	5.90	45	157081	17.896	ug/l	95
23) Vinyl Acetate	5.84	43	586928	83.898	ug/l	99
24) 1,1-Dichloroethane	5.80	63	99872	17.944	ug/l	99
25) 2-Butanone	6.78	43	142397	84.594	ug/l	98
26) 2,2-Dichloropropane	6.77	77	89459	17.561	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	71557	18.395	ug/l	100
28) Bromochloromethane	7.15	49	41160	18.829	ug/l	97
29) Tetrahydrofuran	7.17	42	93898	84.593	ug/l	96
30) Chloroform	7.33	83	115134	18.698	ug/l	99
31) Cyclohexane	7.61	56	87185	17.417	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	100302	17.877	ug/l	99
36) 1,1-Dichloropropene	7.75	75	78677	18.044	ug/l	99
37) Ethyl Acetate	6.88	43	62962	17.928	ug/l	96
38) Carbon Tetrachloride	7.73	117	78939	18.769	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	92792	17.266	ug/l	96
40) Benzene	8.00	78	249116	18.517	ug/l	99
41) Methacrylonitrile	7.14	41	30474m	18.939	ug/l	
42) 1,2-Dichloroethane	8.08	62	82808	18.385	ug/l	99
43) Isopropyl Acetate	8.12	43	107465	17.009	ug/l #	92
44) Trichloroethene	8.80	130	74809	18.094	ug/l	99
45) 1,2-Dichloropropane	9.08	63	59519	18.631	ug/l	98
46) Dibromomethane	9.17	93	45312	18.494	ug/l	99
47) Bromodichloromethane	9.37	83	88527	18.237	ug/l	96
48) Methyl methacrylate	9.17	41	46229	16.262	ug/l	98
49) 1,4-Dioxane	9.17	88	21773	494.412	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	308231	86.569	ug/l	98
52) Toluene	10.12	92	164222	18.702	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	92355	17.662	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	102471	18.225	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	66644	19.050	ug/l	96
56) Ethyl methacrylate	10.40	69	84713	17.335	ug/l	100
57) 1,3-Dichloropropane	10.68	76	104175	18.619	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	176644	84.585	ug/l	99
59) 2-Hexanone	10.72	43	216020	84.480	ug/l	100
60) Dibromochloromethane	10.87	129	72870	18.322	ug/l	99
61) 1,2-Dibromoethane	10.98	107	68742	18.841	ug/l	99
64) Tetrachloroethene	10.60	164	80735	18.523	ug/l	99
65) Chlorobenzene	11.41	112	180215	18.724	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	67507	18.836	ug/l	99
67) Ethyl Benzene	11.48	91	306305	18.412	ug/l	99
68) m/p-Xylenes	11.59	106	239072	36.244	ug/l	100
69) o-Xylene	11.92	106	116397	18.579	ug/l	98
70) Styrene	11.94	104	188326	18.152	ug/l	99
71) Bromoform	12.10	173	48545	17.579	ug/l #	98
73) Isopropylbenzene	12.22	105	304393	18.616	ug/l	100
74) N-amyl acetate	12.05	43	85159	16.537	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	83056	18.126	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	71327m	17.509	ug/l	
77) Bromobenzene	12.50	156	77190	18.494	ug/l	100
78) n-propylbenzene	12.56	91	337123	18.468	ug/l	99
79) 2-Chlorotoluene	12.65	91	198296	18.218	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	250478	18.327	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	25567	16.049	ug/l	97
82) 4-Chlorotoluene	12.75	91	204676	17.874	ug/l	99
83) tert-Butylbenzene	12.97	119	216976	17.969	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	251513	18.525	ug/l	99
85) sec-Butylbenzene	13.15	105	275050	17.677	ug/l	99
86) p-Isopropyltoluene	13.26	119	256532	17.902	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	136654	18.489	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	138559	18.402	ug/l	99
89) n-Butylbenzene	13.59	91	205807	17.147	ug/l	99
90) Hexachloroethane	13.85	117	33566	21.181	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	135617	19.200	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	15317	16.390	ug/l	95

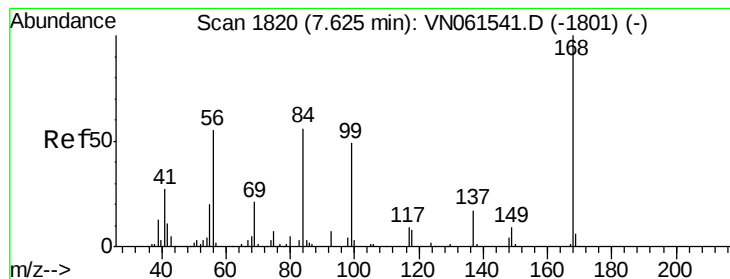
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	72236	17.487	ug/l	99
94) Hexachlorobutadiene	14.98	225	30681	17.415	ug/l	99
95) Naphthalene	15.10	128	213076	16.947	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	72375	17.820	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

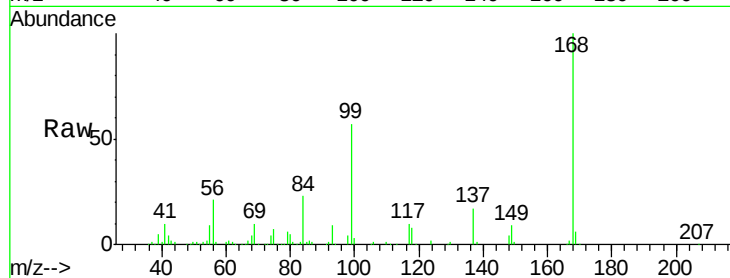
VN0604MBS01

Tot Ion:168 Resp: 298109

Ion Ratio Lower Upper

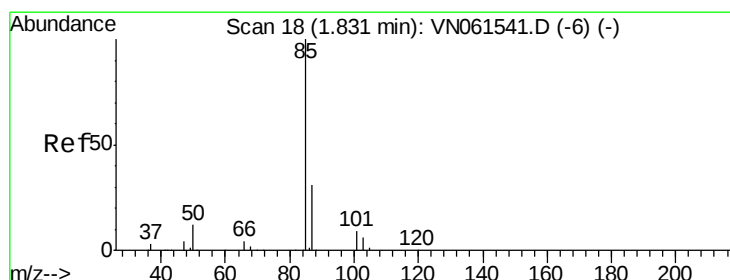
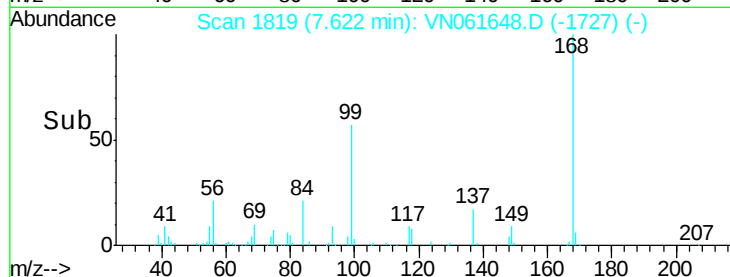
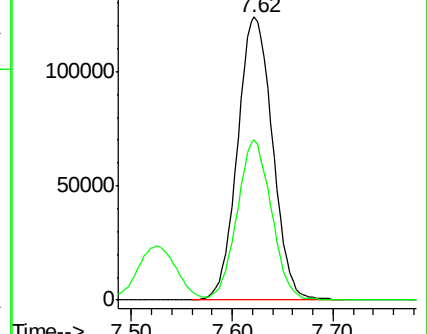
168 100

99 56.4 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 18.760 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061648.D

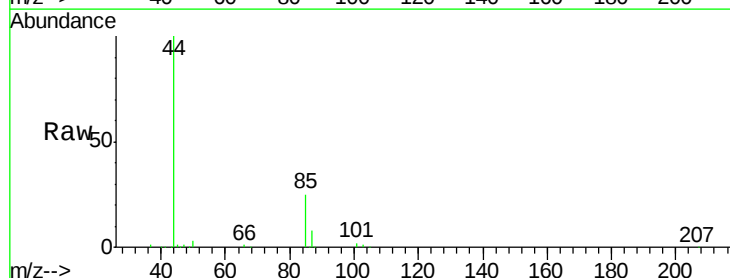
Acq: 4 Jun 2020 13:07

Tgt Ion: 85 Resp: 62042

Ion Ratio Lower Upper

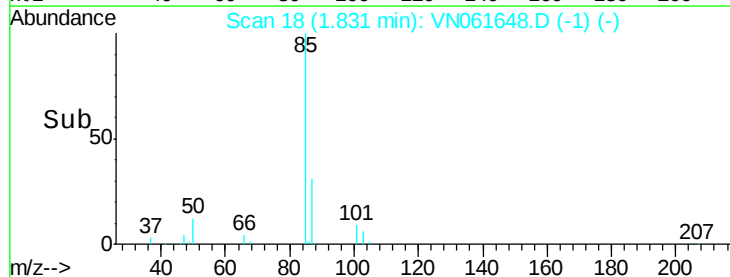
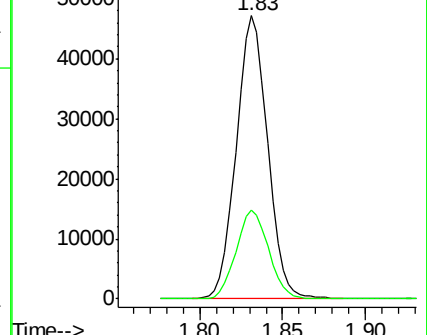
85 100

87 31.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 18.257 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

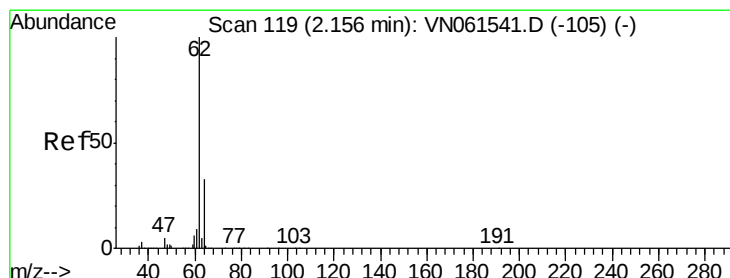
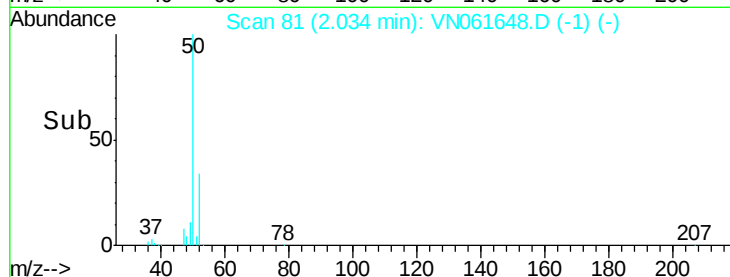
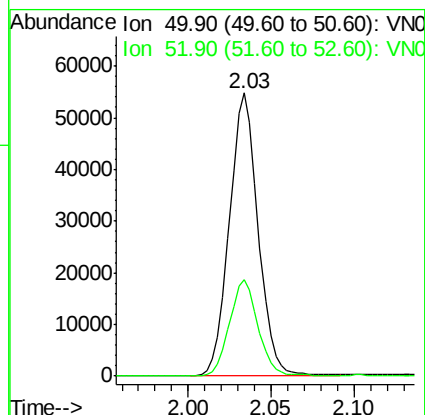
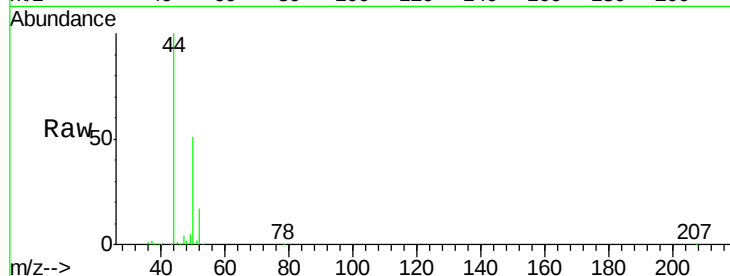
VN0604MBS01

Tot Ion: 50 Resp: 66383

Ion Ratio Lower Upper

50 100

52 33.9 26.7 40.1



#4

Vinyl Chloride

Concen: 18.028 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061648.D

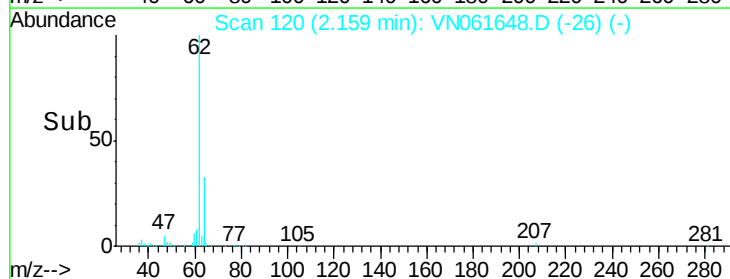
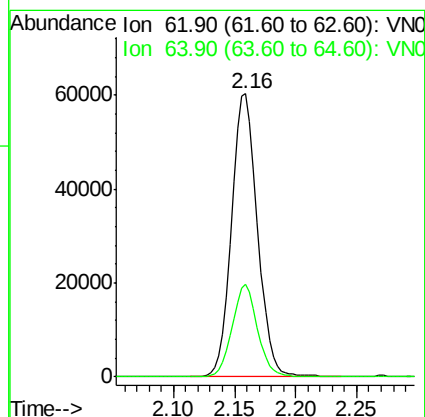
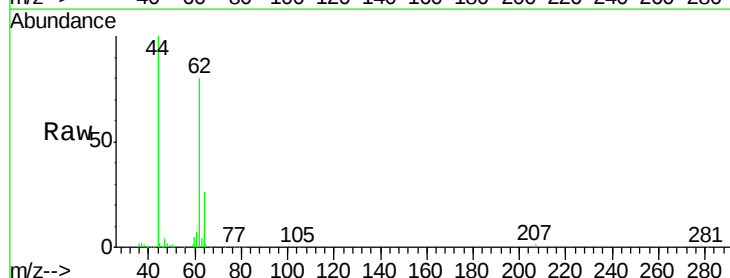
Acq: 4 Jun 2020 13:07

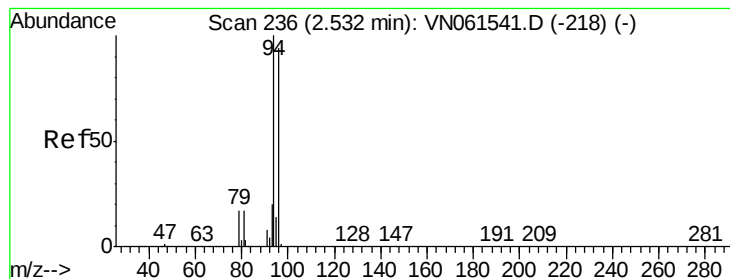
Tgt Ion: 62 Resp: 89827

Ion Ratio Lower Upper

62 100

64 32.8 26.2 39.2





#5

Bromomethane

Concen: 19.497 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

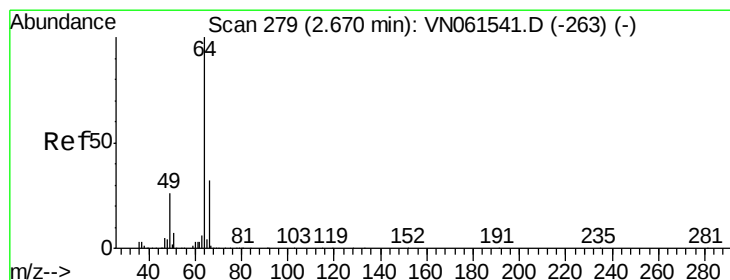
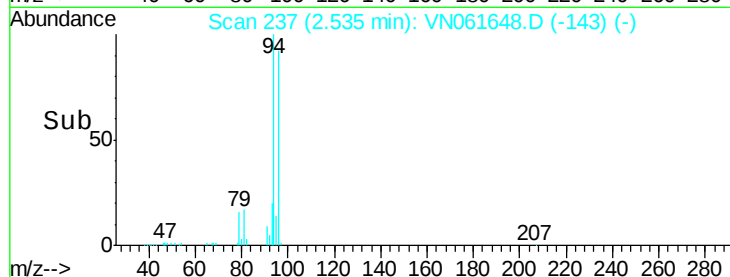
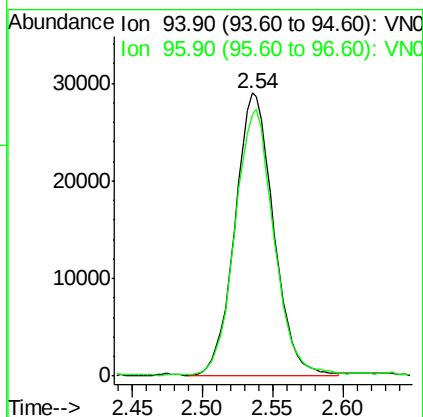
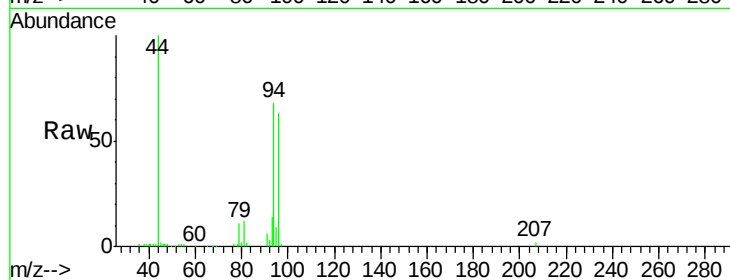
VN0604MBS01

Tot Ion: 94 Resp: 55745

Ion Ratio Lower Upper

94 100

96 91.8 74.8 112.2



#6

Chloroethane

Concen: 18.146 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN061648.D

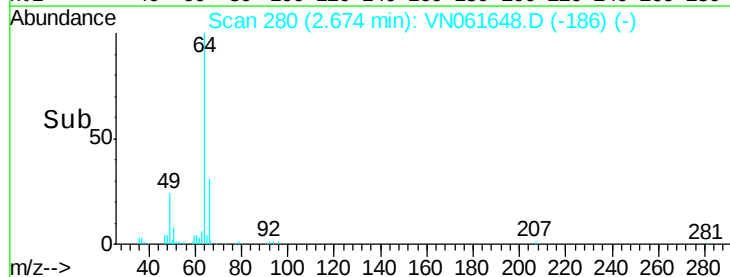
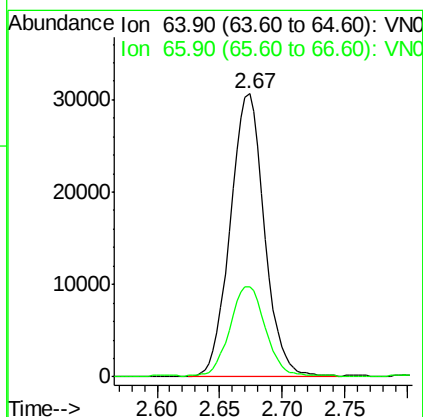
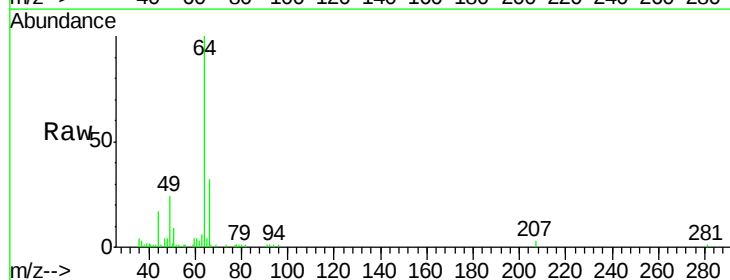
Acq: 4 Jun 2020 13:07

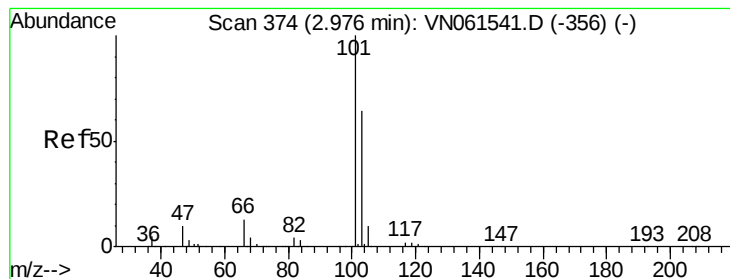
Tgt Ion: 64 Resp: 58196

Ion Ratio Lower Upper

64 100

66 31.7 25.6 38.4



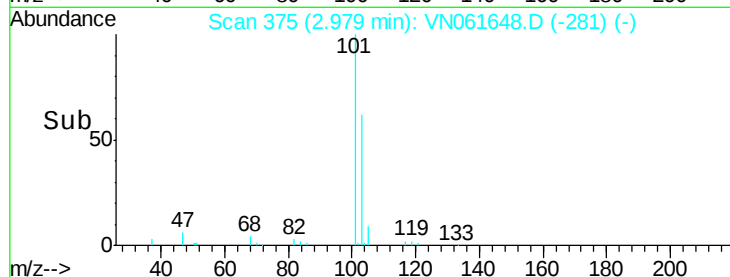
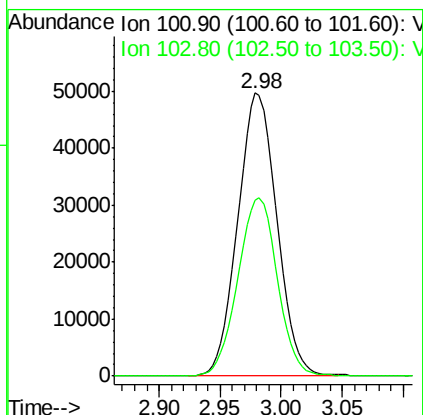
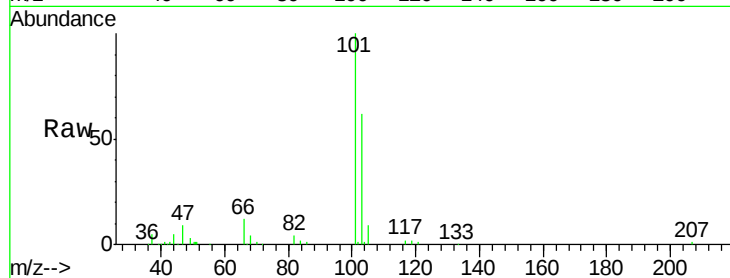


#7

Trichlorofluoromethane
Concen: 17.150 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

Instrument :
MSVOA_N
ClientSampled :
VN0604MBS01

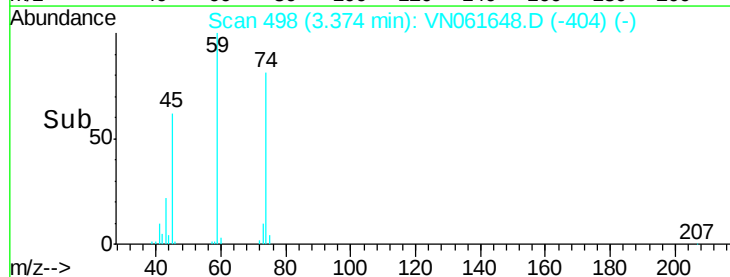
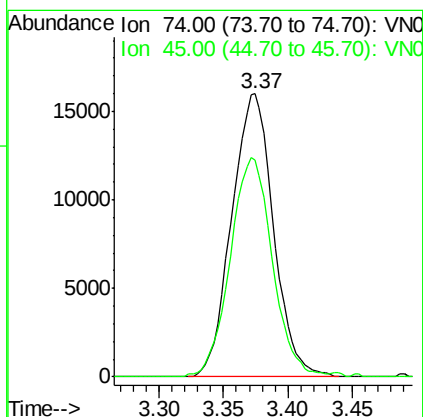
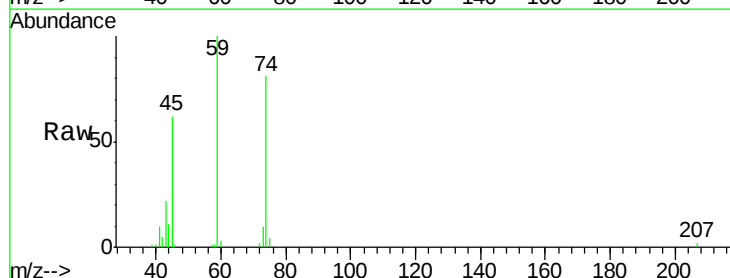
Tot Ion:101 Resp: 110192
Ion Ratio Lower Upper
101 100
103 62.1 51.4 77.2



#8

Diethyl Ether
Concen: 18.339 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

Tgt Ion: 74 Resp: 36030
Ion Ratio Lower Upper
74 100
45 78.2 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.922 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0604MBS01

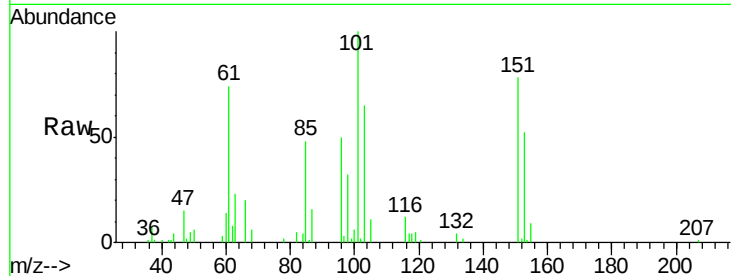
Tot Ion:101 Resp: 53952

Ion Ratio Lower Upper

101 100

85 45.2 35.2 52.8

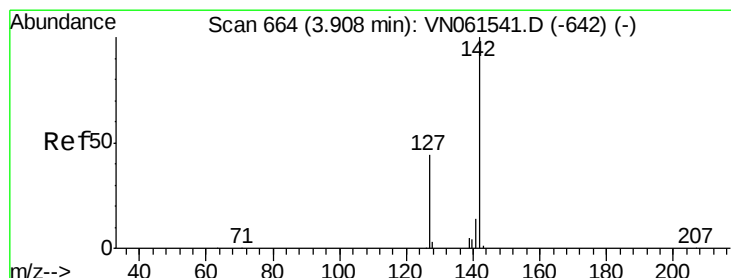
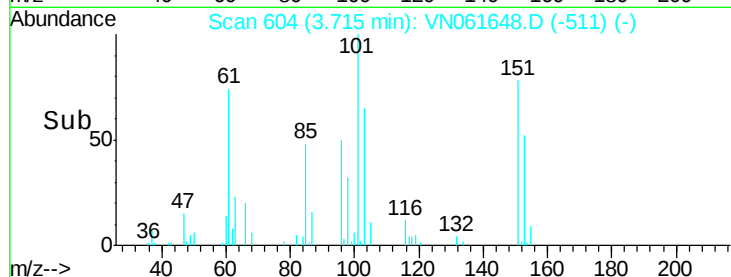
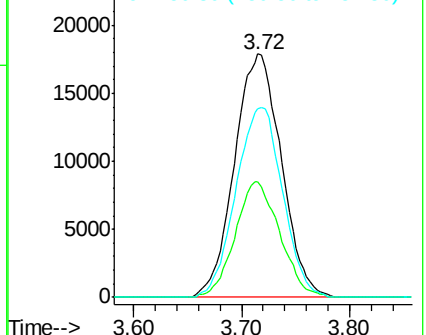
151 77.5 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.210 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

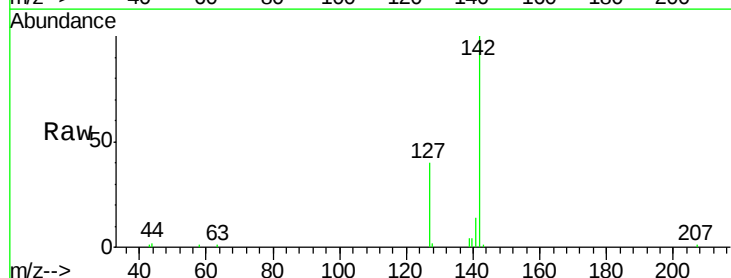
Tgt Ion:142 Resp: 72074

Ion Ratio Lower Upper

142 100

127 43.1 35.5 53.3

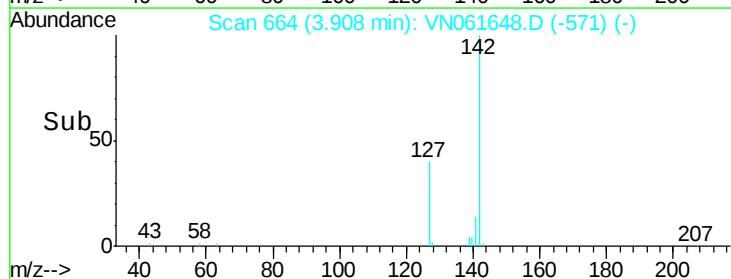
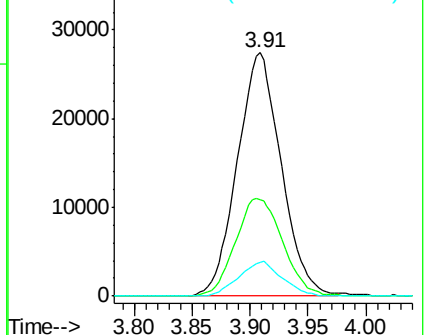
141 13.8 11.5 17.3

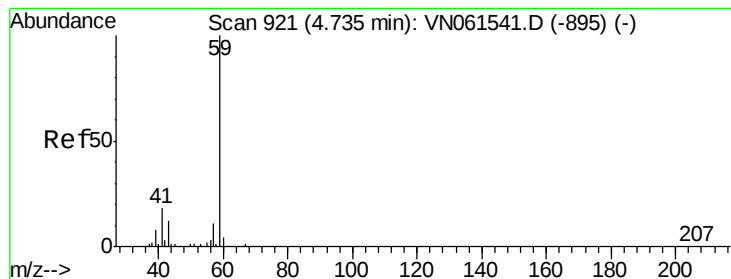


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



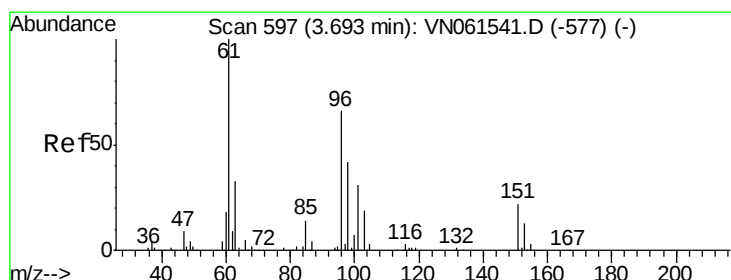
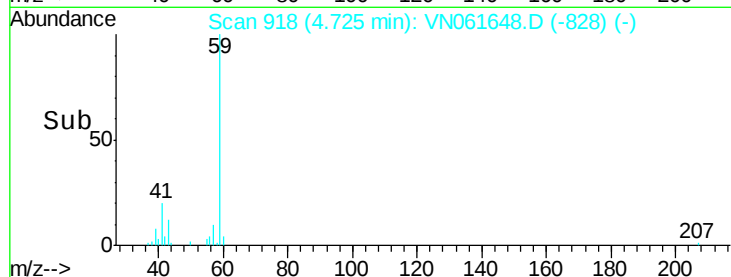
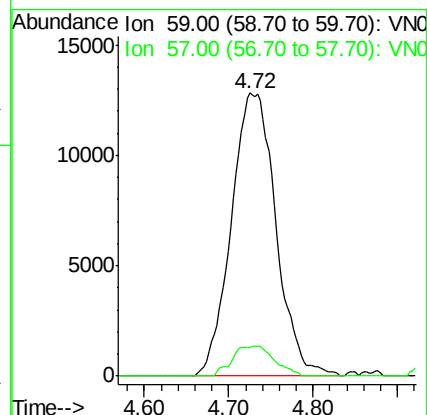
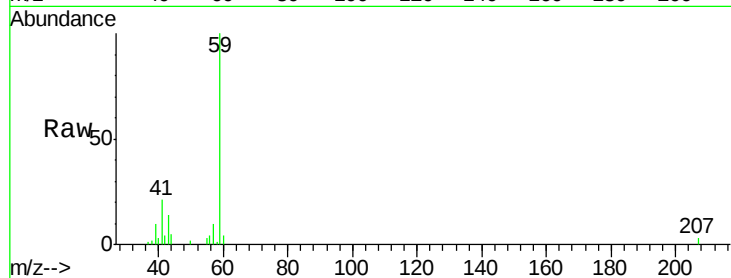


#11

Tert butyl alcohol
Concen: 99.674 ug/l
RT: 4.72 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

Instrument :
MSVOA_N
ClientSampled :
VN0604MBS01

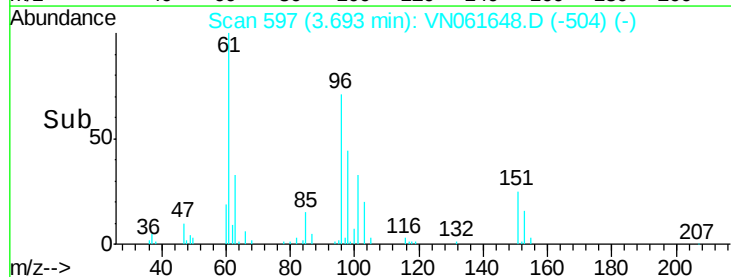
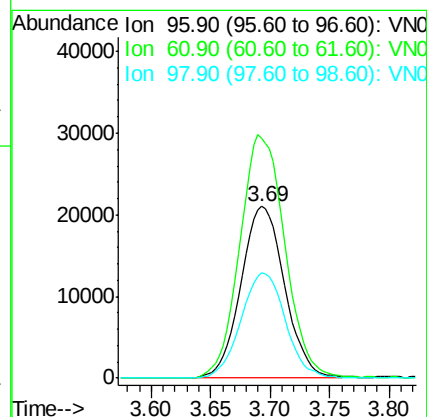
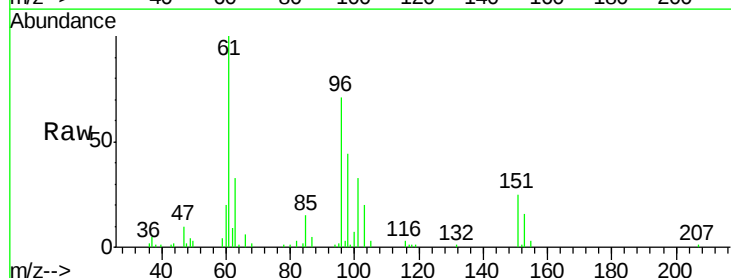
Tot Ion: 59 Resp: 47089
Ion Ratio Lower Upper
59 100
57 10.0 8.4 12.6

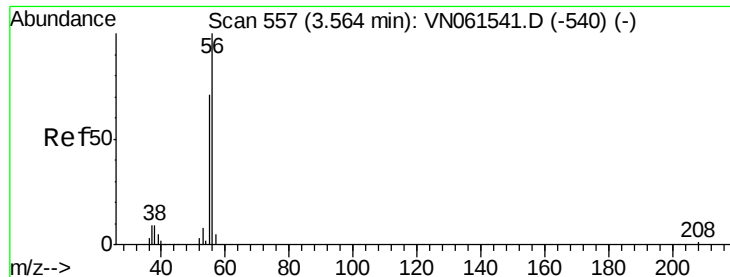


#12

1,1-Dichloroethene
Concen: 17.595 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

Tgt Ion: 96 Resp: 53596
Ion Ratio Lower Upper
96 100
61 139.9 120.5 180.7
98 61.2 50.8 76.2





#13

Acrolein

Concen: 88.583 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

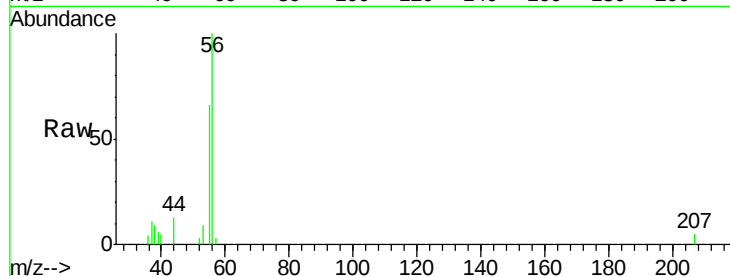
VN0604MBS01

Tot Ion: 56 Resp: 14831

Ion Ratio Lower Upper

56 100

55 69.1 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.56

6000

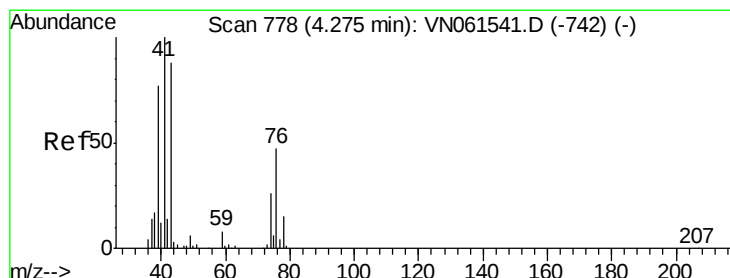
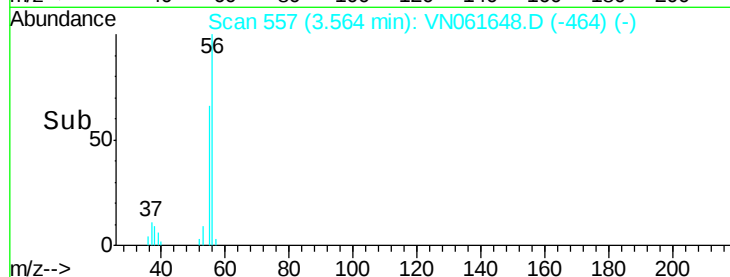
4000

2000

0

Time-->

3.50 3.55 3.60 3.65



#14

Allyl chloride

Concen: 16.839 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

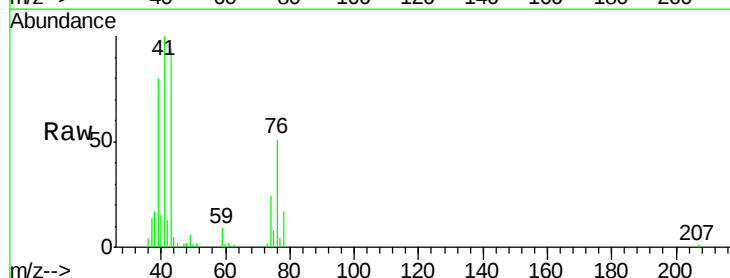
Tgt Ion: 41 Resp: 67060

Ion Ratio Lower Upper

41 100

39 74.7 58.6 88.0

76 46.4 34.2 51.4



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.27

30000

25000

20000

15000

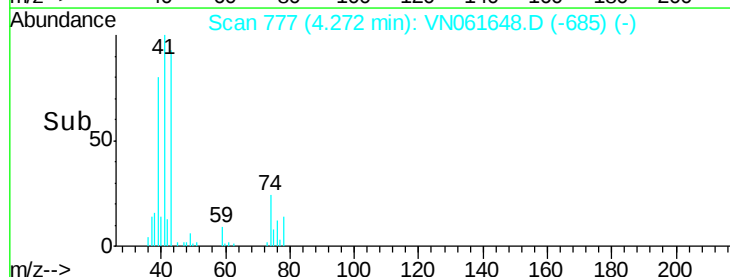
10000

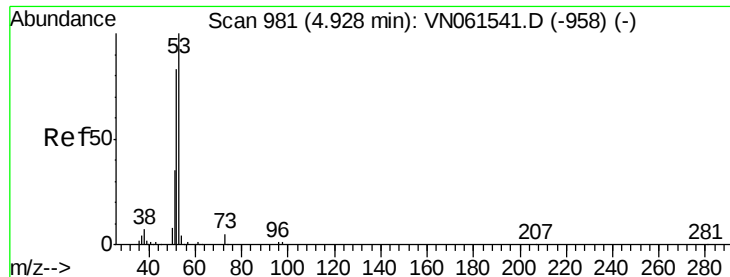
5000

0

Time-->

4.10 4.20 4.30 4.40

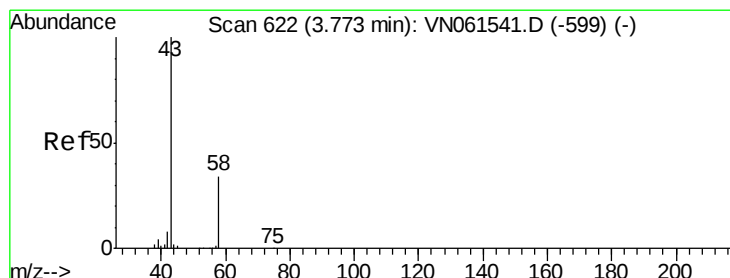
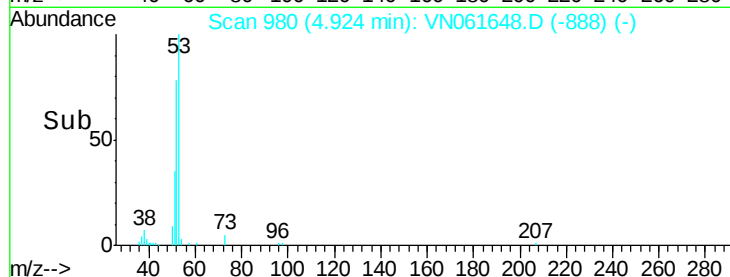
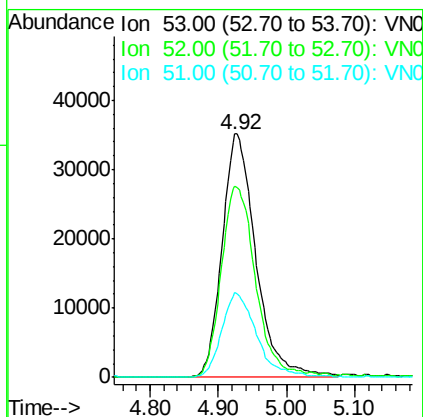
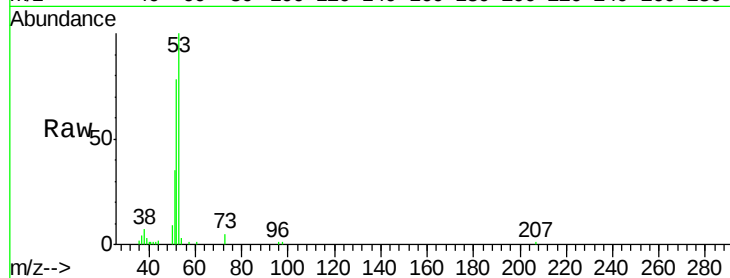




#15
 Acrylonitrile
 Concen: 91.716 ug/l
 RT: 4.92 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VN061648.D
 Acq: 4 Jun 2020 13:07

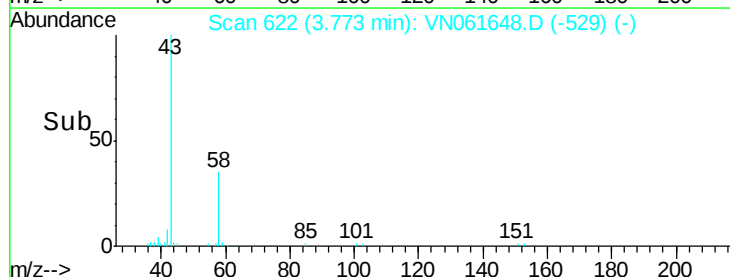
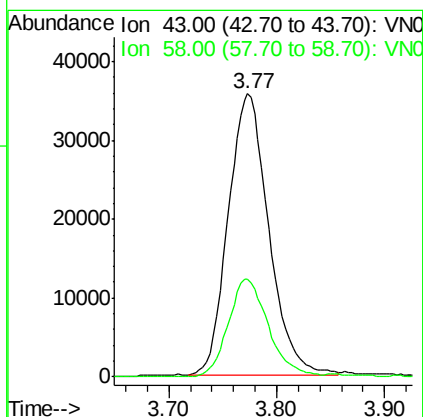
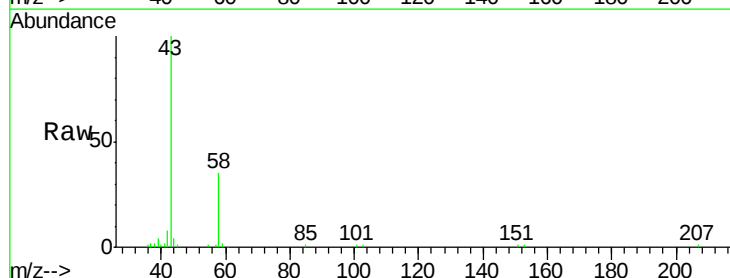
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604MBS01

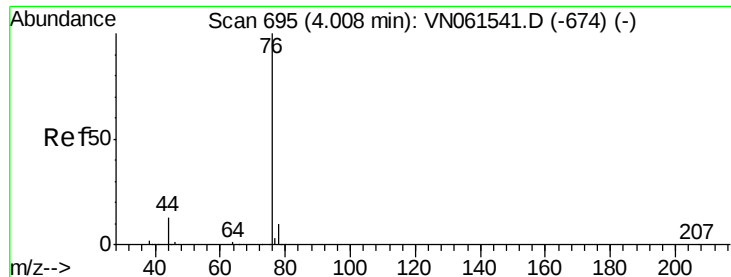
Tot Ion: 53 Resp: 120940
 Ion Ratio Lower Upper
 53 100
 52 79.5 65.4 98.2
 51 35.7 29.0 43.6



#16
 Acetone
 Concen: 91.233 ug/l
 RT: 3.77 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: VN061648.D
 Acq: 4 Jun 2020 13:07

Tgt Ion: 43 Resp: 93160
 Ion Ratio Lower Upper
 43 100
 58 34.9 27.2 40.8

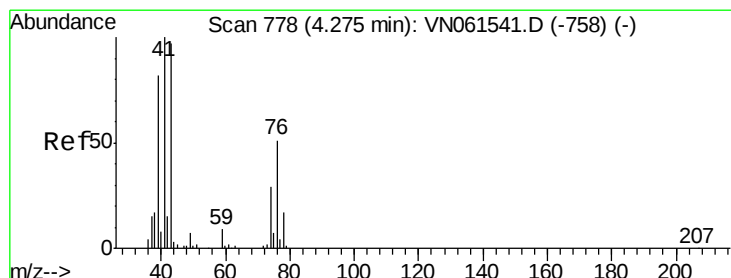
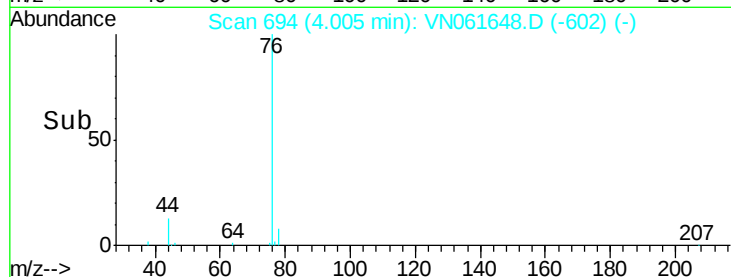
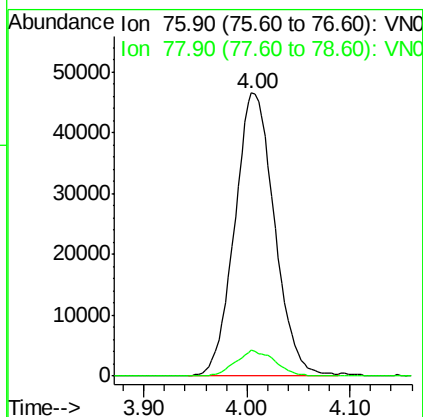
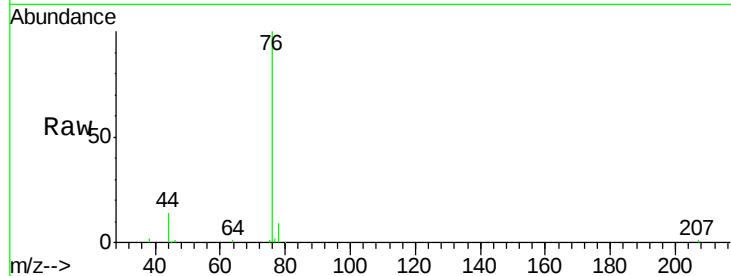




#17
Carbon Disulfide
Concen: 18.631 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

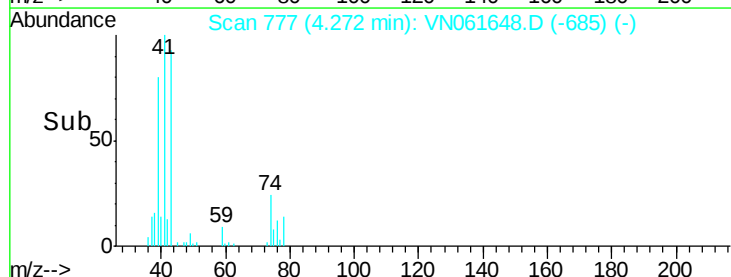
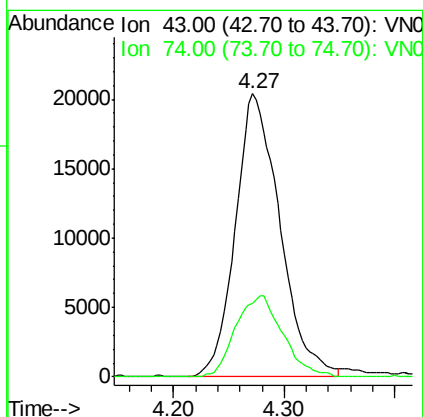
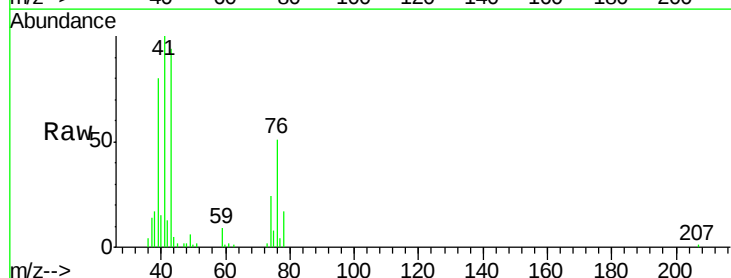
Instrument :
MSVOA_N
ClientSampleId :
VN0604MBS01

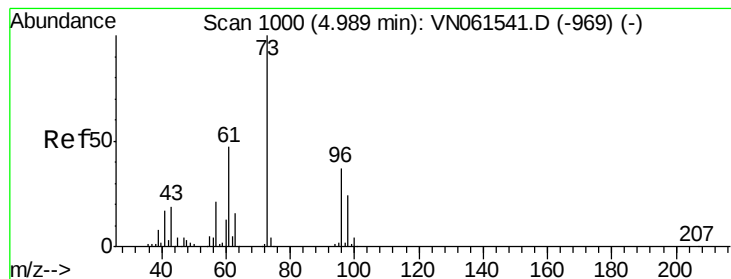
Tot Ion: 76 Resp: 124864
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.6



#18
Methyl Acetate
Concen: 17.758 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

Tgt Ion: 43 Resp: 57097
Ion Ratio Lower Upper
43 100
74 30.2 23.2 34.8



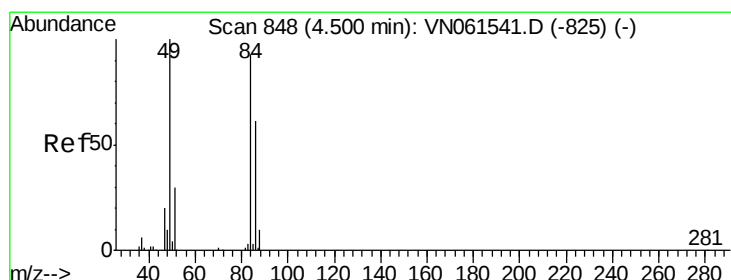
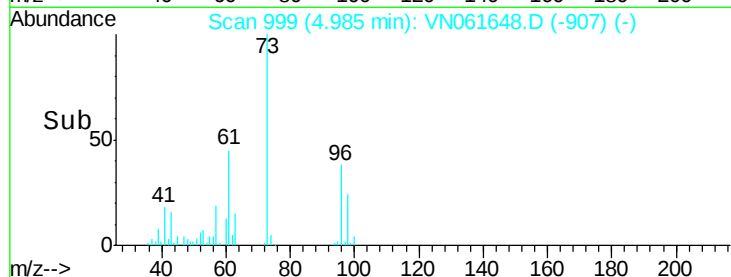
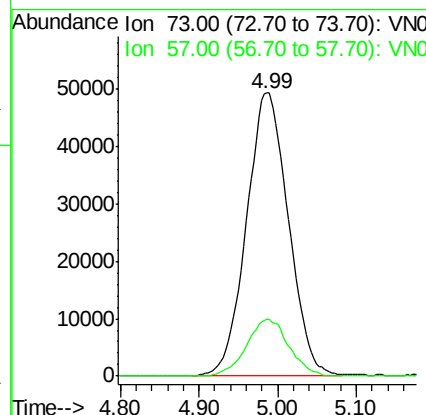
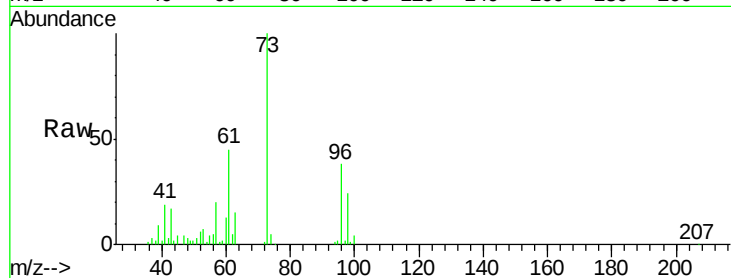


#19

Methvl tert-butvl Ether
 Concen: 17.840 ug/l
 RT: 4.99 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: VN061648.D
 Acq: 4 Jun 2020 13:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604MBS01

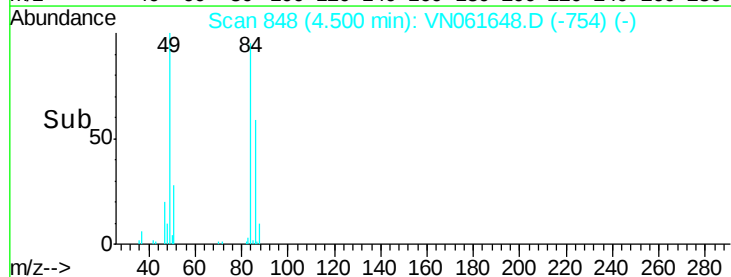
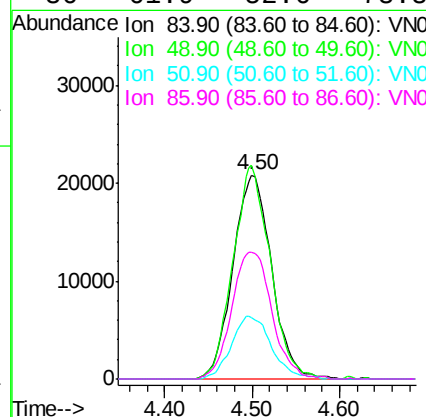
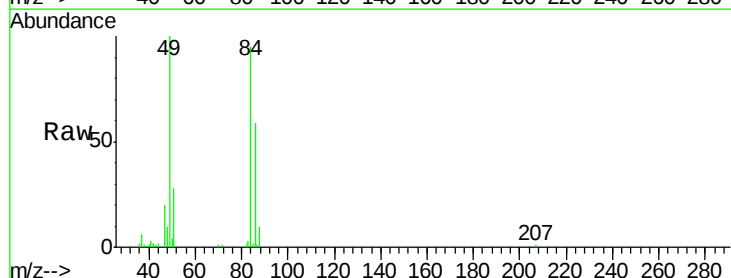
Tot Ion: 73 Resp: 185205
 Ion Ratio Lower Upper
 73 100
 57 20.1 16.4 24.6

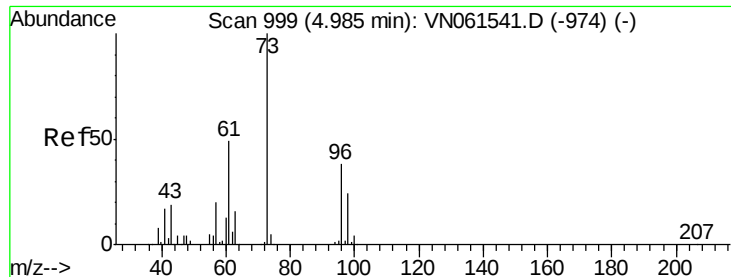


#20

Methylene Chloride
 Concen: 18.708 ug/l
 RT: 4.50 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VN061648.D
 Acq: 4 Jun 2020 13:07

Tgt Ion: 84 Resp: 63908
 Ion Ratio Lower Upper
 84 100
 49 104.8 85.8 128.8
 51 29.9 26.2 39.2
 86 61.9 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 17.493 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0604MBS01

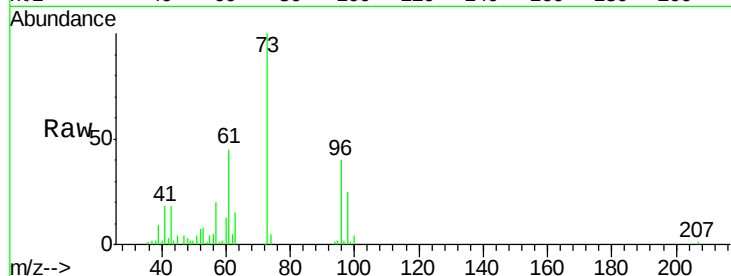
Tot Ion: 96 Resp: 60092

Ion Ratio Lower Upper

96 100

61 114.5 101.4 152.0

98 62.2 50.6 76.0

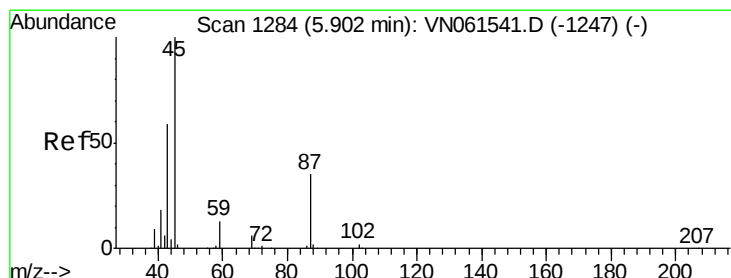
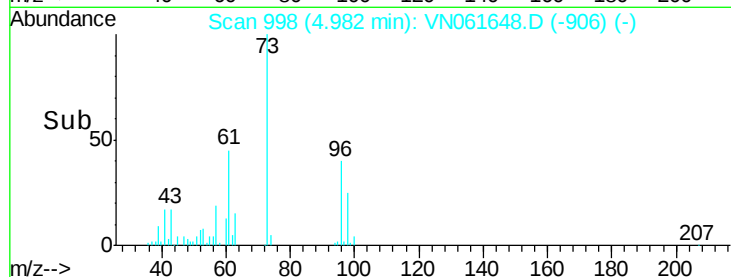
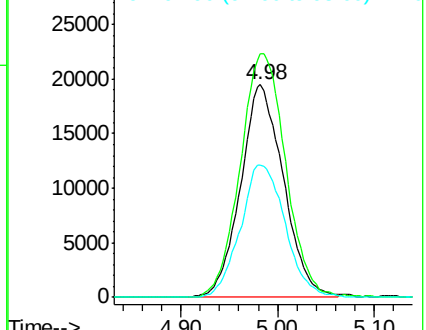


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 17.896 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

Tgt Ion: 45 Resp: 157081

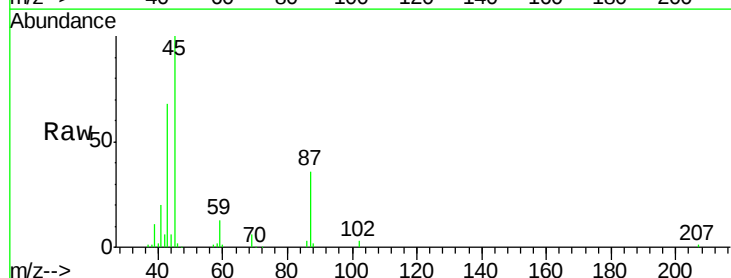
Ion Ratio Lower Upper

45 100

43 65.3 47.9 71.9

87 36.5 28.4 42.6

59 13.2 10.5 15.7



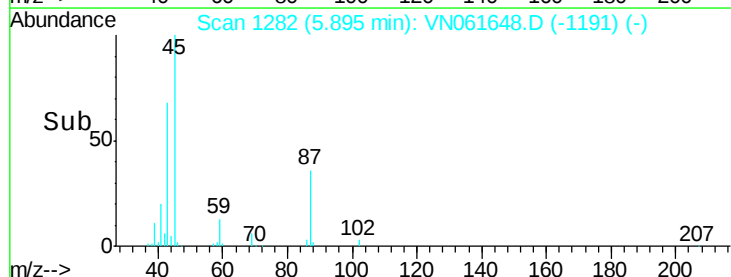
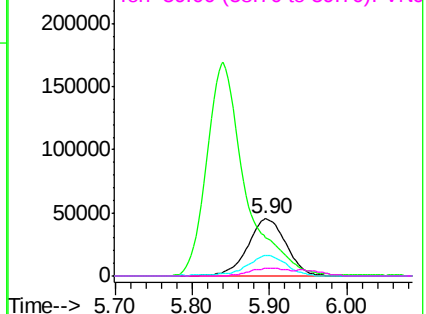
Abundance

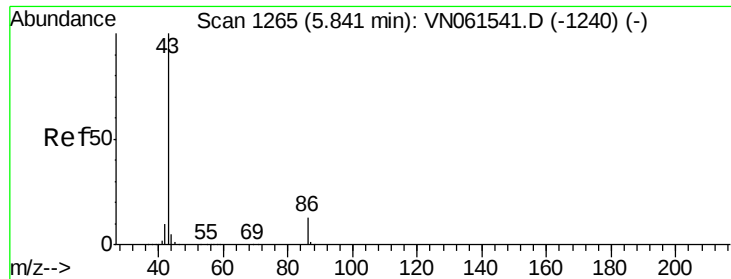
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

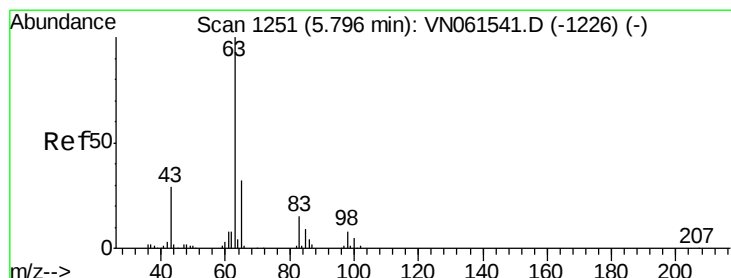
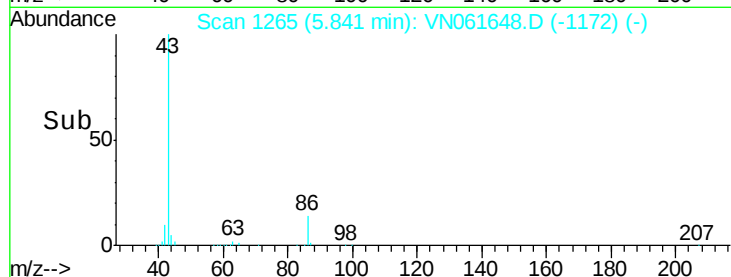
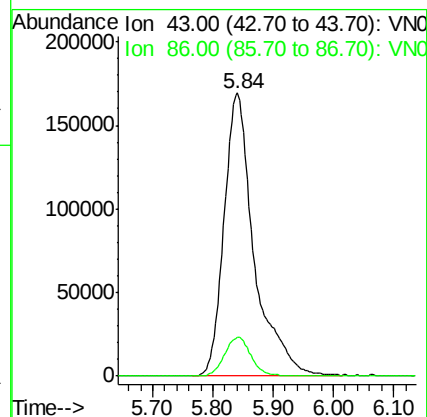
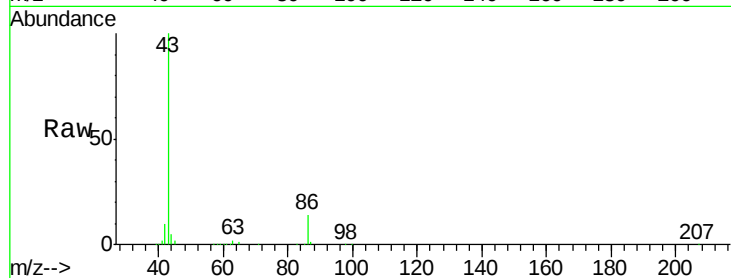




#23
 Vinyl Acetate
 Concen: 83.898 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN061648.D
 Acq: 4 Jun 2020 13:07

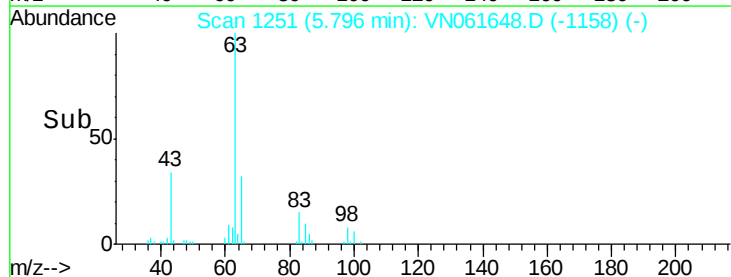
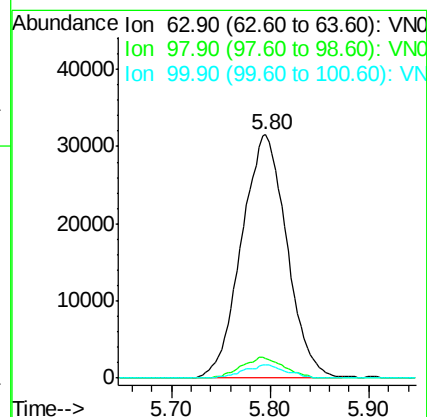
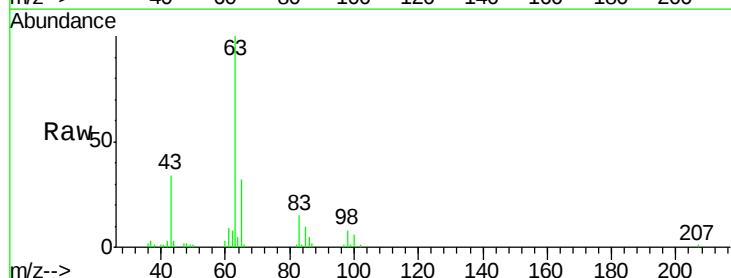
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604MBS01

Tot Ion: 43 Resp: 586928
 Ion Ratio Lower Upper
 43 100
 86 13.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 17.944 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN061648.D
 Acq: 4 Jun 2020 13:07

Tgt Ion: 63 Resp: 99872
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.8 11.4
 100 5.5 2.5 7.6

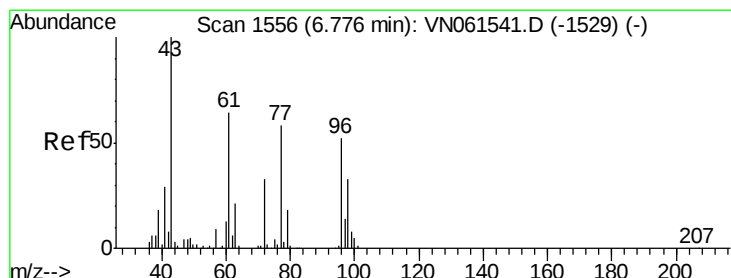
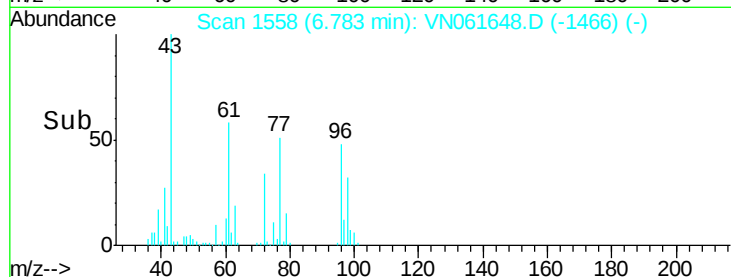
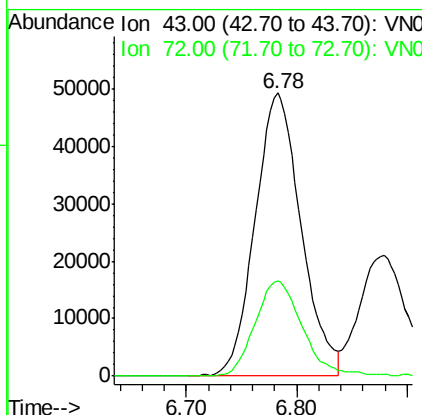
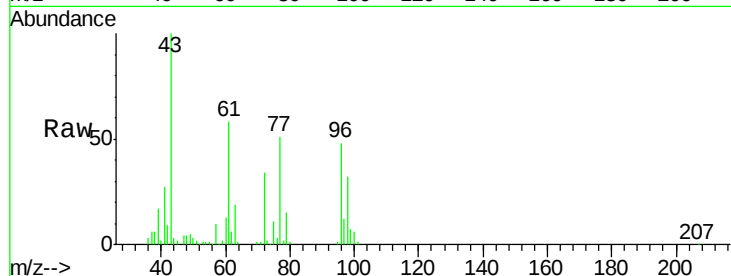




#25
2-Butanone
Concen: 84.594 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

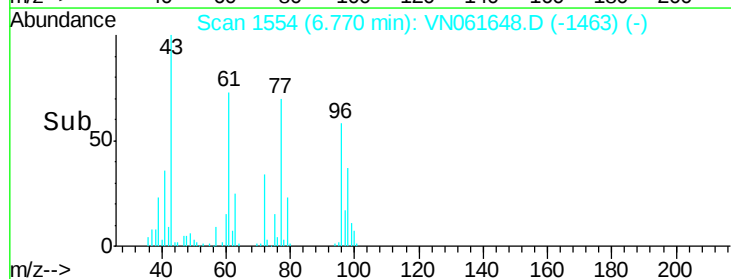
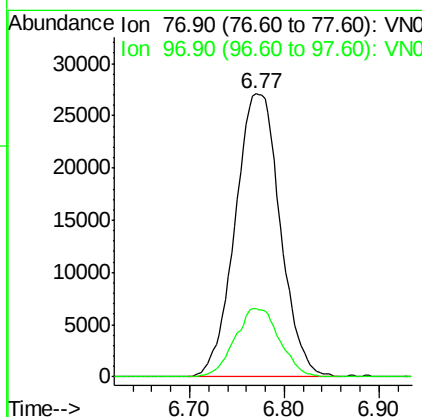
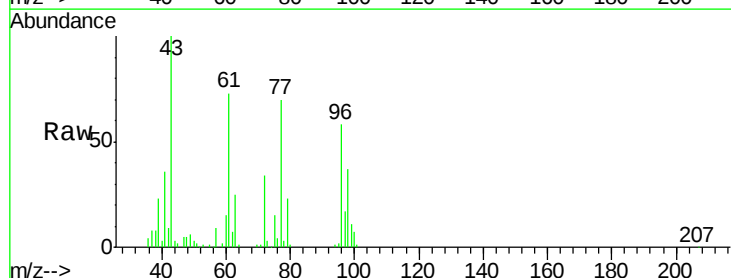
Instrument :
MSVOA_N
ClientSampled :
VN0604MBS01

Tot Ion: 43 Resp: 142397
Ion Ratio Lower Upper
43 100
72 33.8 26.0 39.0



#26
2,2-Dichloropropane
Concen: 17.561 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

Tgt Ion: 77 Resp: 89459
Ion Ratio Lower Upper
77 100
97 24.0 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 18.395 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0604MBS01

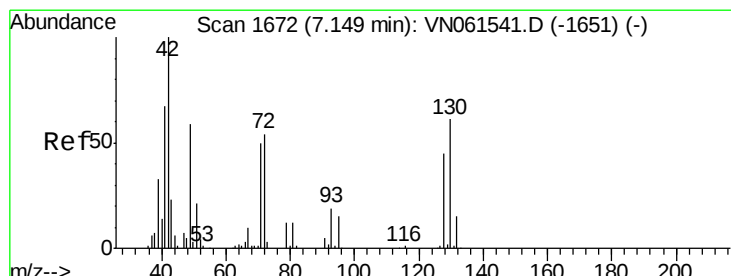
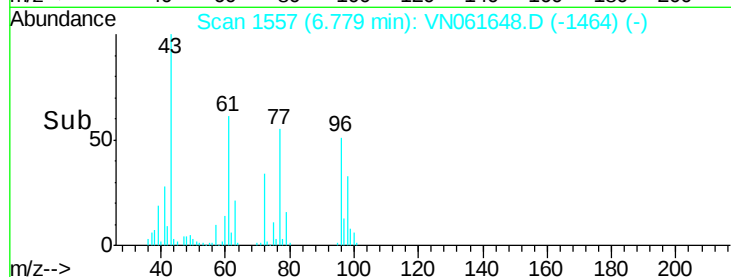
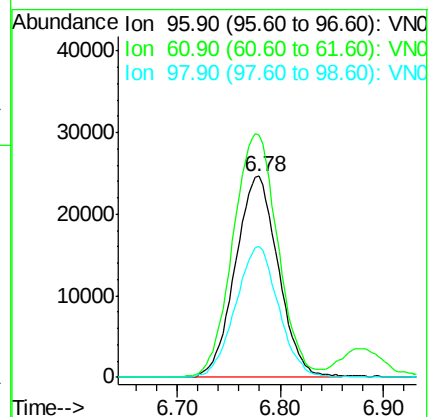
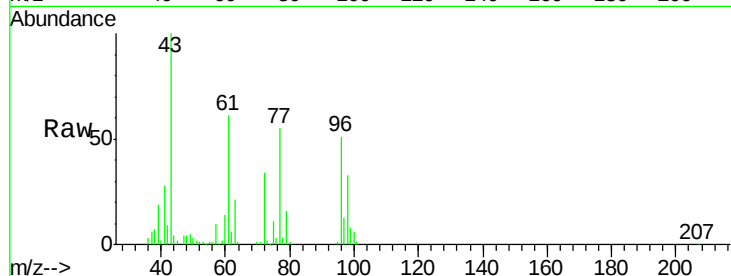
Tot Ion: 96 Resp: 71557

Ion	Ratio	Lower	Upper
96	100		
61	126.7	0.0	252.2
98	65.0	0.0	129.2

96 100

61 126.7 0.0 252.2

98 65.0 0.0 129.2



#28

Bromochloromethane

Concen: 18.829 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

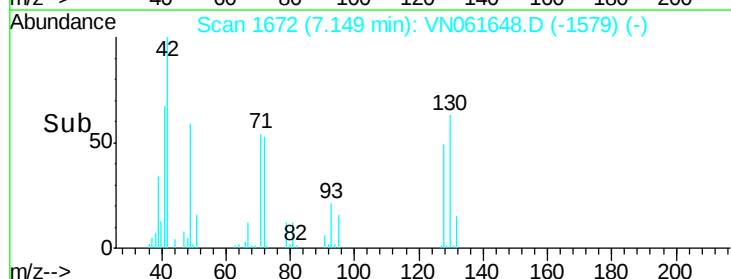
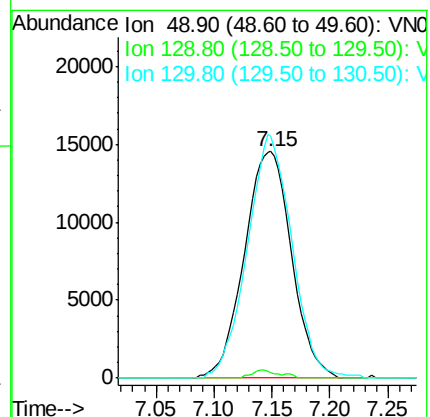
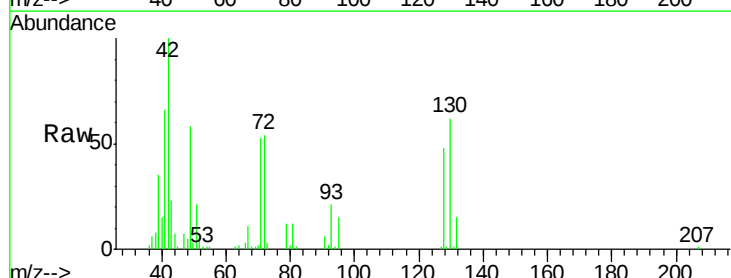
Tgt Ion: 49 Resp: 41160

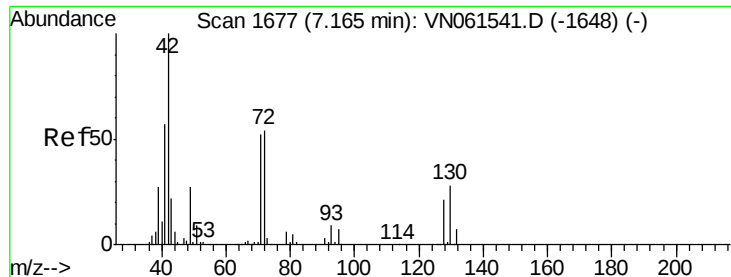
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.8
130	101.6	78.8	118.2

49 100

129 1.7 0.0 4.8

130 101.6 78.8 118.2

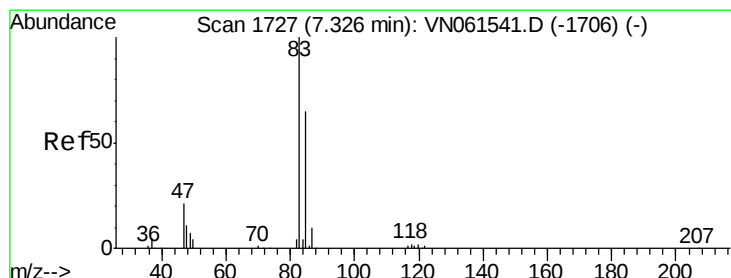
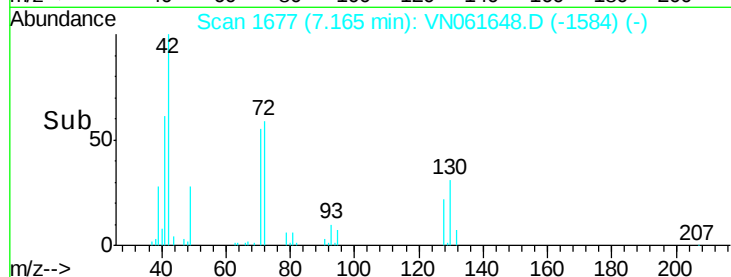
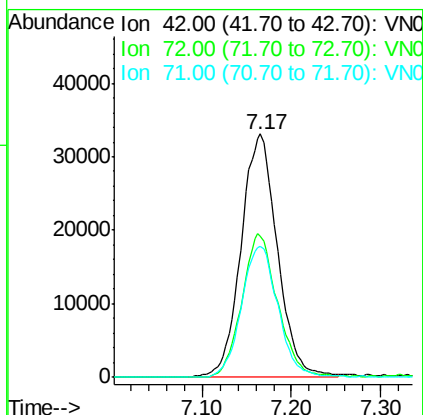
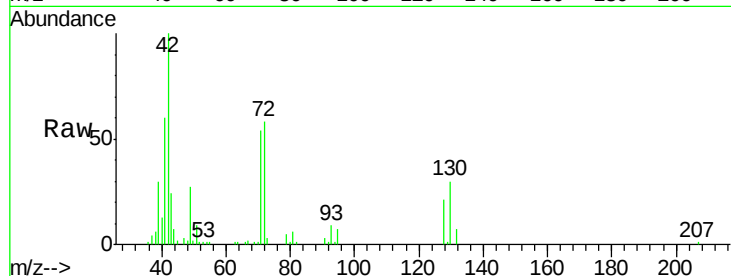




#29
Tetrahydrofuran
Concen: 84.593 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

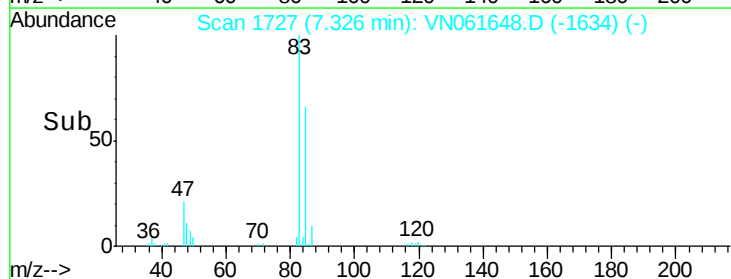
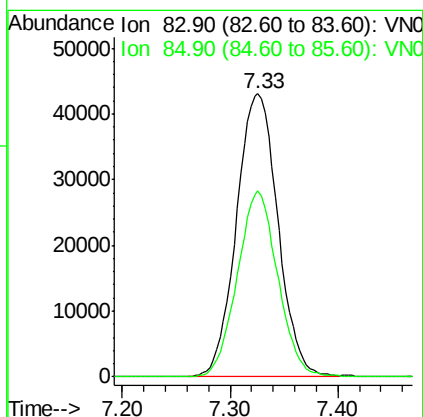
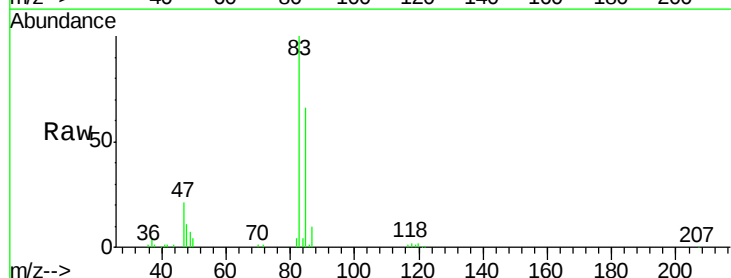
Instrument :
MSVOA_N
ClientSampleId :
VN0604MBS01

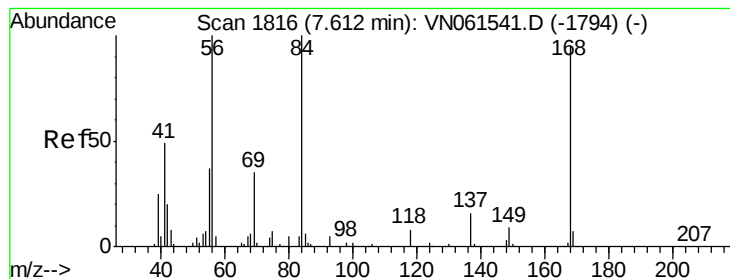
Tot Ion: 42 Resp: 93898
Ion Ratio Lower Upper
42 100
72 58.1 43.6 65.4
71 53.9 41.2 61.8



#30
Chloroform
Concen: 18.698 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

Tgt Ion: 83 Resp: 115134
Ion Ratio Lower Upper
83 100
85 65.6 51.7 77.5





#31

Cyclohexane

Concen: 17.417 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0604MBS01

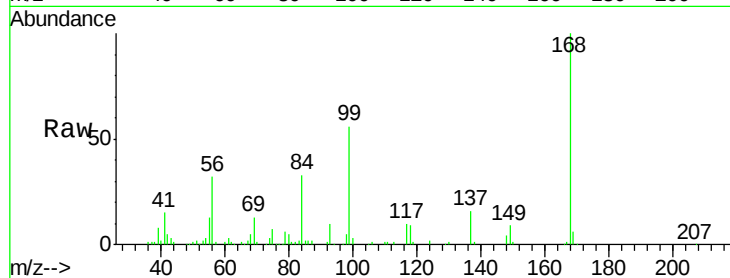
Tot Ion: 56 Resp: 87185

Ion Ratio Lower Upper

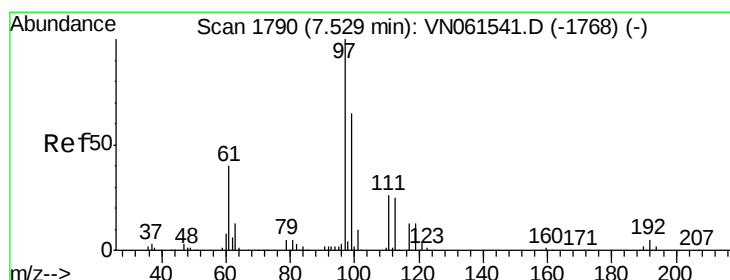
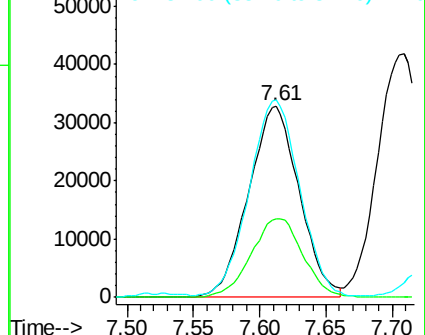
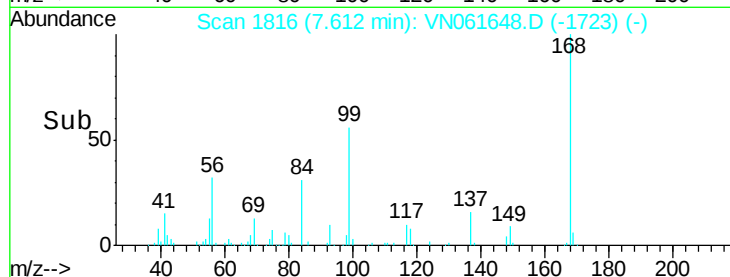
56 100

69 40.8 27.8 41.8

84 101.8 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VN061648.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 17.877 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

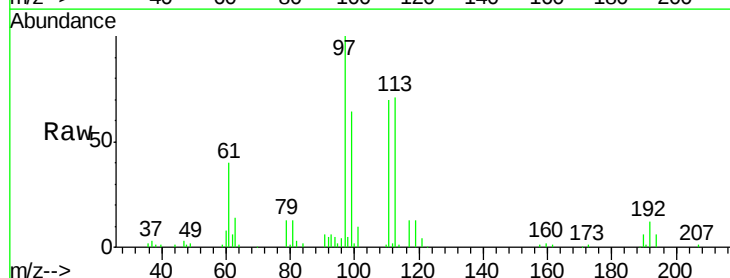
Tgt Ion: 97 Resp: 100302

Ion Ratio Lower Upper

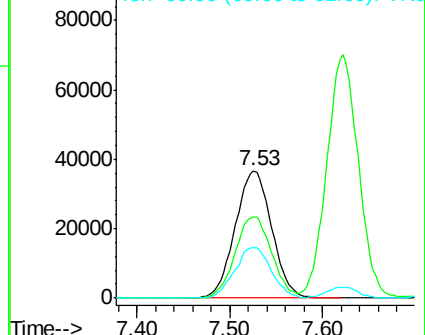
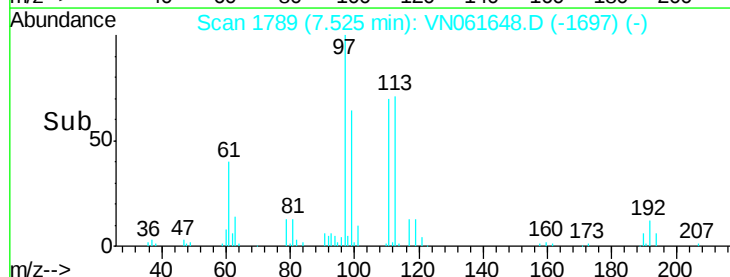
97 100

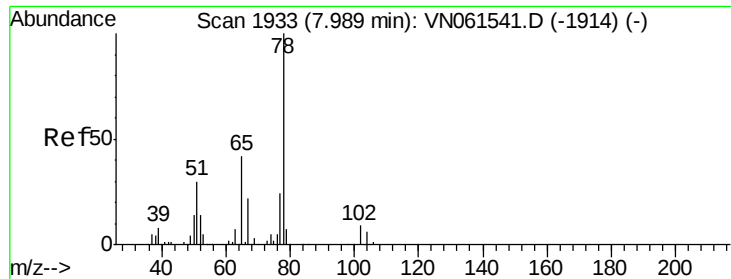
99 63.9 51.4 77.0

61 39.6 31.4 47.0



Abundance Ion 96.90 (96.60 to 97.60): VN061648.D (-1697) (-)

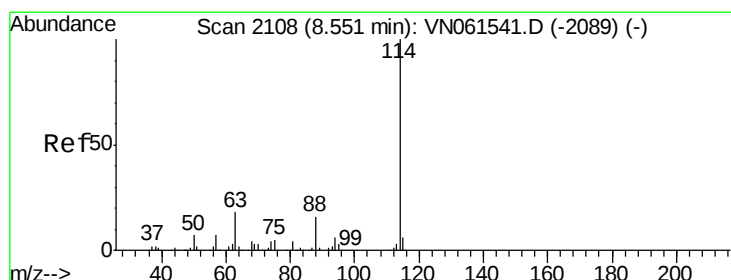
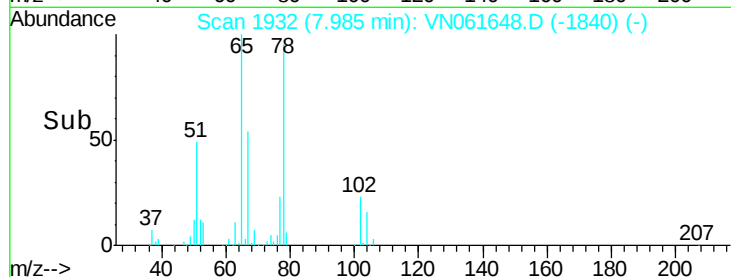
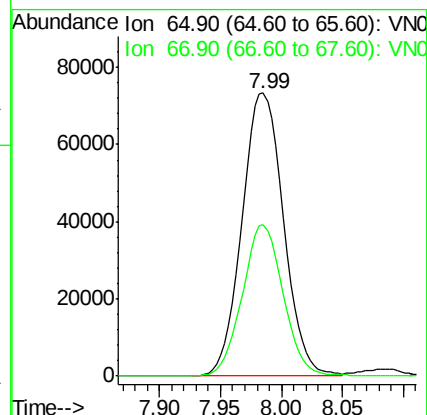
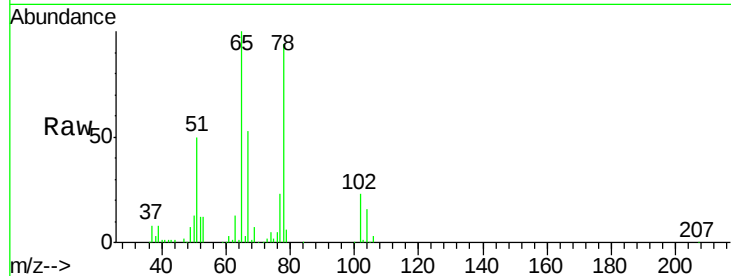




#33
 1,2-Dichloroethane-d4
 Concen: 48.720 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061648.D
 Acq: 4 Jun 2020 13:07

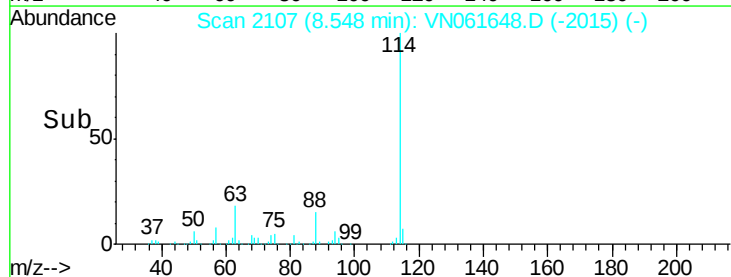
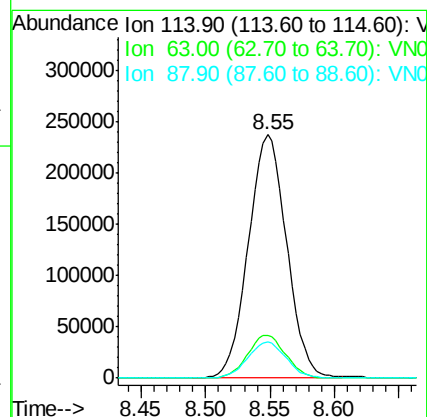
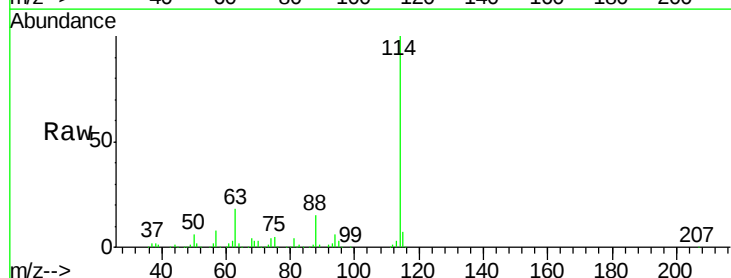
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604MBS01

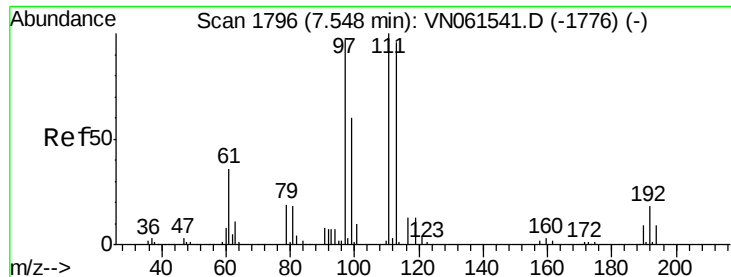
Tot Ion: 65 Resp: 173044
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061648.D
 Acq: 4 Jun 2020 13:07

Tgt Ion: 114 Resp: 492539
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.8
 88 14.8 0.0 31.0

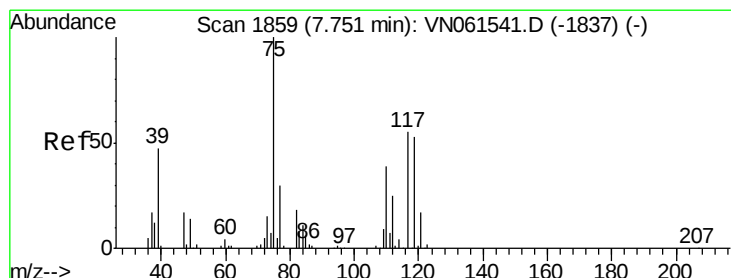
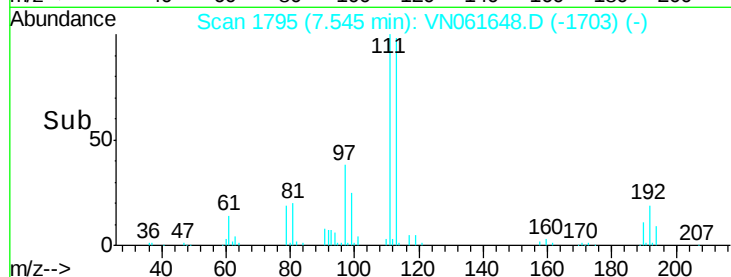
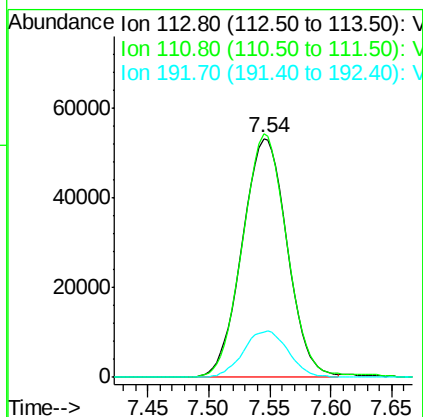
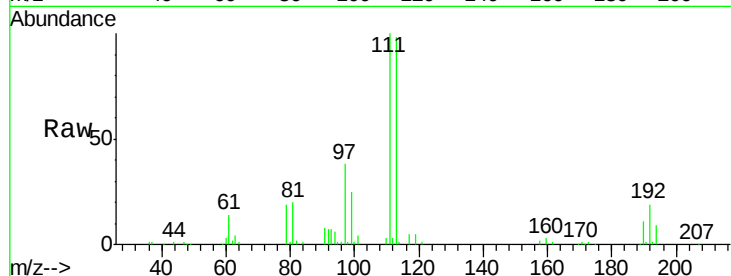




#35
 Dibromofluoromethane
 Concen: 54.440 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061648.D
 Acq: 4 Jun 2020 13:07

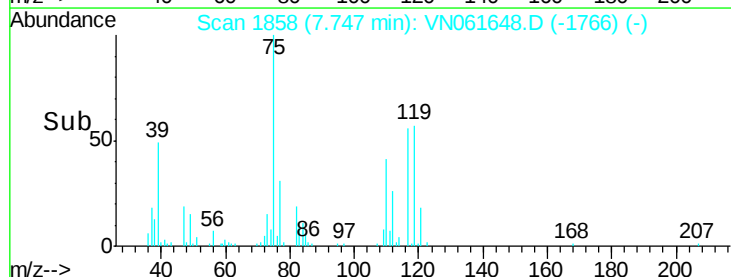
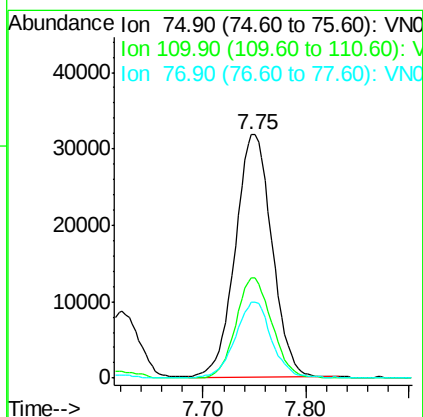
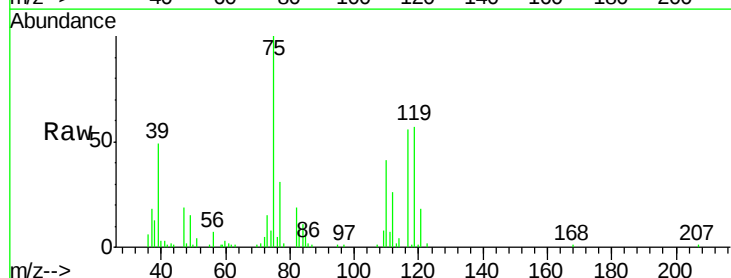
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604MBS01

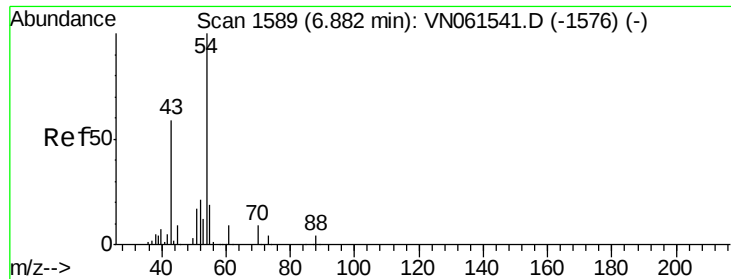
Tot Ion:113 Resp: 136022
 Ion Ratio Lower Upper
 113 100
 111 101.3 83.4 125.0
 192 19.3 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 18.044 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN061648.D
 Acq: 4 Jun 2020 13:07

Tgt Ion: 75 Resp: 78677
 Ion Ratio Lower Upper
 75 100
 110 40.3 19.5 58.5
 77 31.3 24.7 37.1

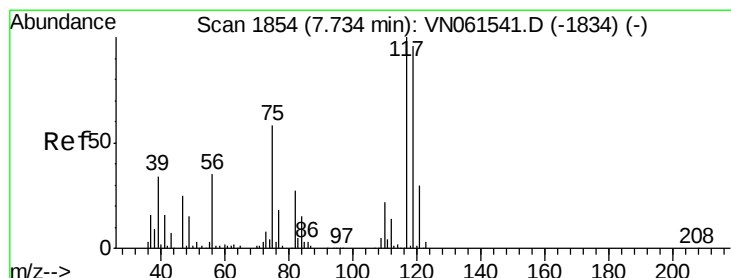
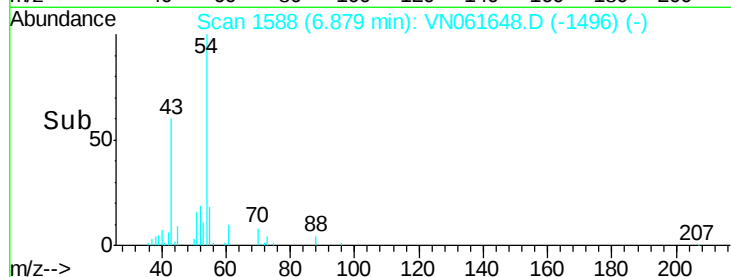
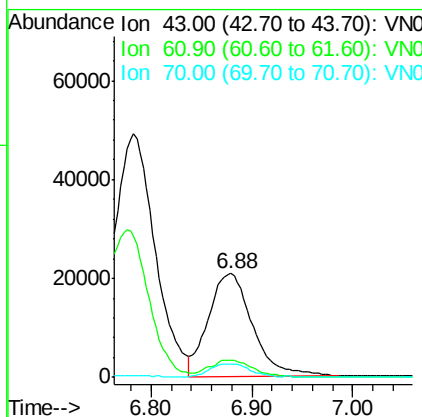
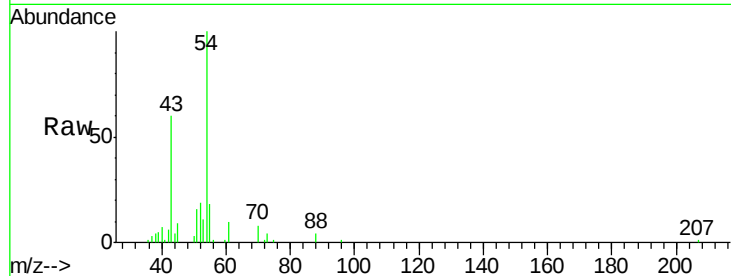




#37
Ethyl Acetate
Concen: 17.928 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

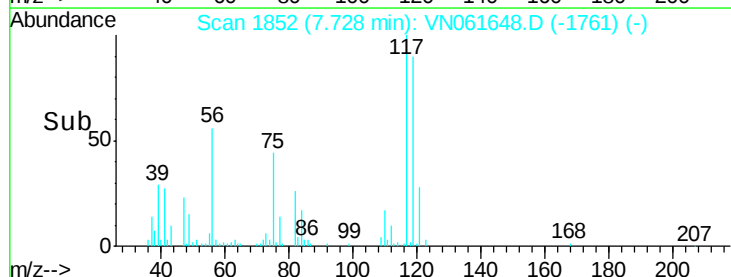
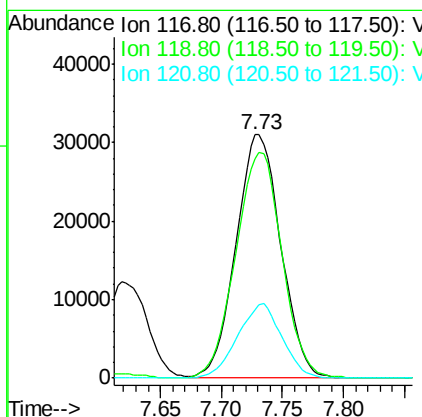
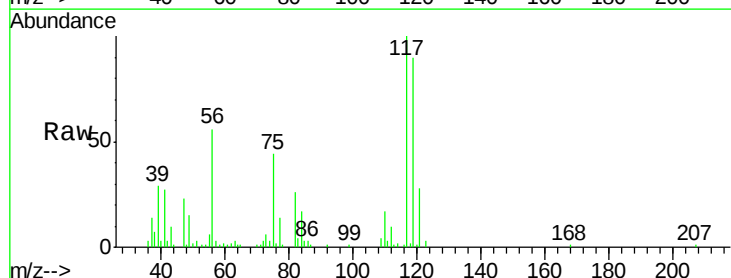
Instrument :
MSVOA_N
ClientSampleId :
VN0604MBS01

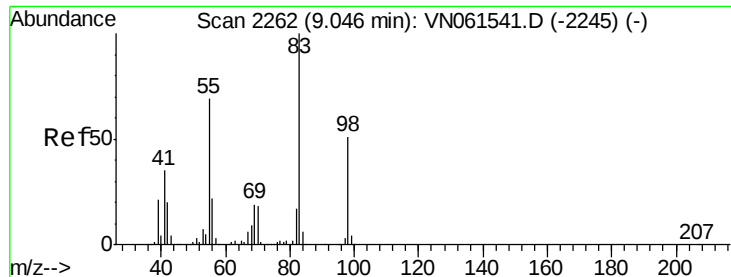
Tot Ion: 43 Resp: 62962
Ion Ratio Lower Upper
43 100
61 17.3 12.2 18.4
70 12.5 9.4 14.2



#38
Carbon Tetrachloride
Concen: 18.769 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

Tgt Ion: 117 Resp: 78939
Ion Ratio Lower Upper
117 100
119 90.3 76.5 114.7
121 28.1 24.1 36.1

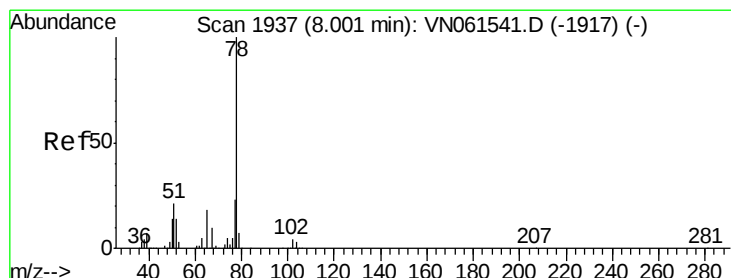
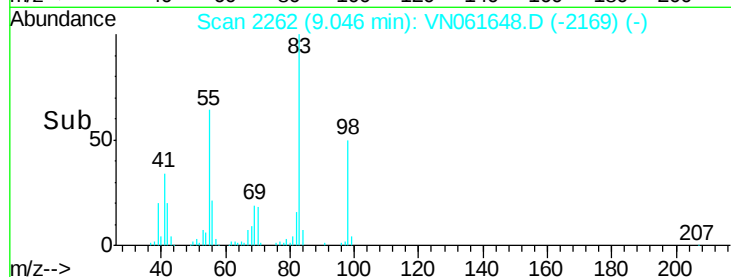
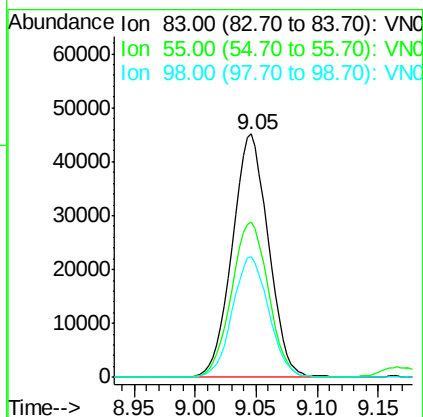
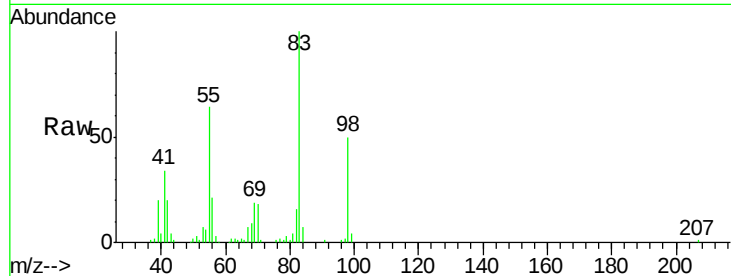




#39
Methvlcvclohexane
Concen: 17.266 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

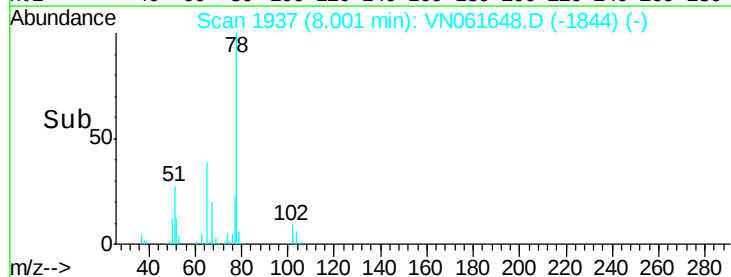
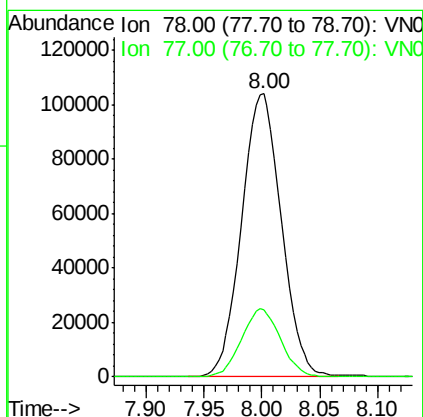
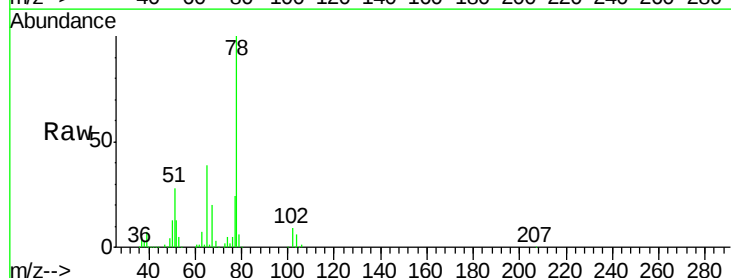
Instrument :
MSVOA_N
ClientSampleId :
VN0604MBS01

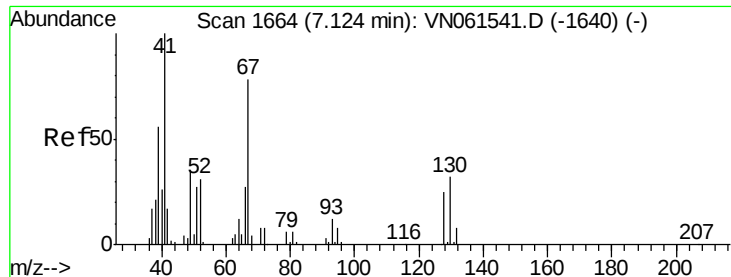
Tot Ion: 83 Resp: 92792
Ion Ratio Lower Upper
83 100
55 63.9 54.9 82.3
98 49.7 41.0 61.4



#40
Benzene
Concen: 18.517 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

Tgt Ion: 78 Resp: 249116
Ion Ratio Lower Upper
78 100
77 23.6 18.6 28.0

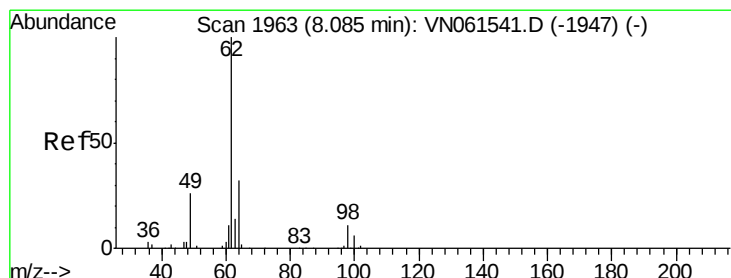
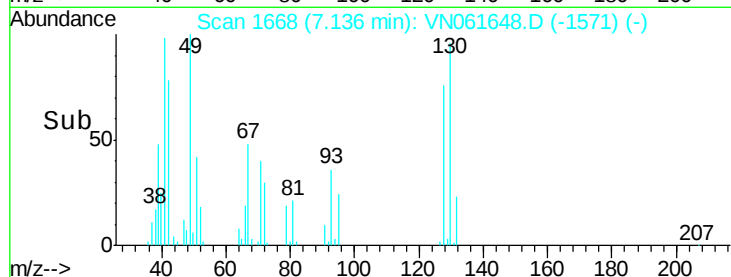
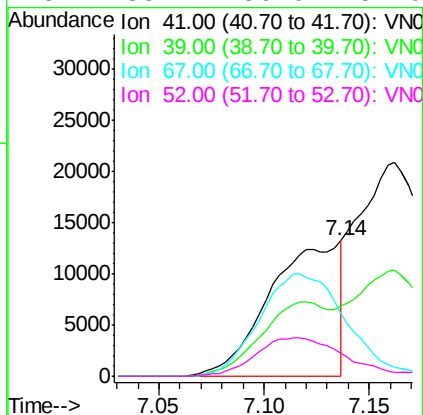
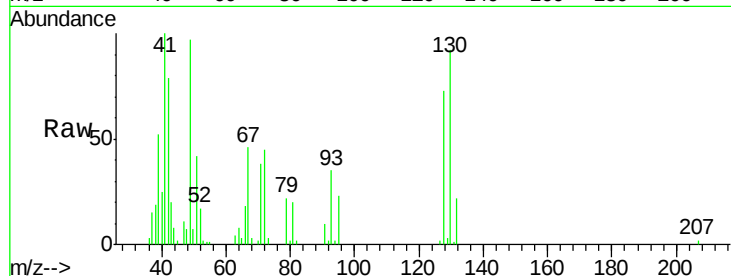




#41
Methacrylonitrile
Concen: 18.939 ug/l m
RT: 7.14 min Scan# 1668
Delta R.T. 0.01 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

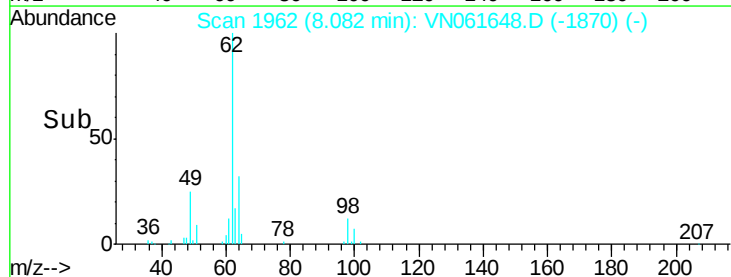
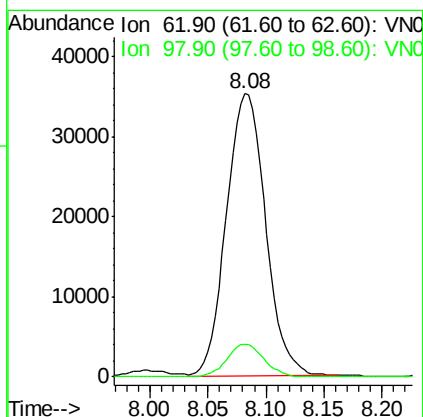
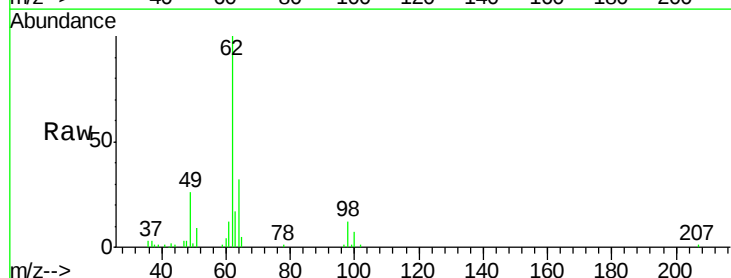
Instrument :
MSVOA_N
ClientSampleId :
VN0604MBS01

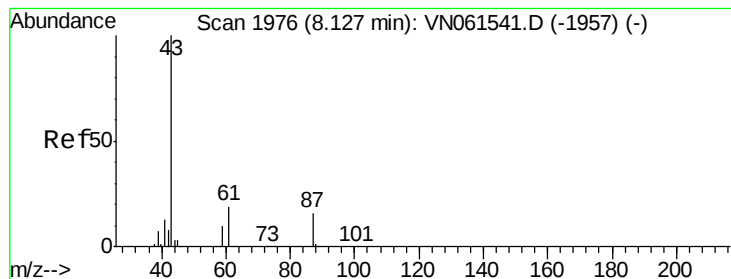
Tot Ion: 41 Resp: 30474
Ion Ratio Lower Upper
41 100
39 50.3 53.8 80.6#
67 94.6 91.1 136.7
52 35.7 36.0 54.0#



#42
1,2-Dichloroethane
Concen: 18.385 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

Tgt Ion: 62 Resp: 82808
Ion Ratio Lower Upper
62 100
98 10.9 0.0 21.4





#43

Isopropyl Acetate

Concen: 17.009 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0604MBS01

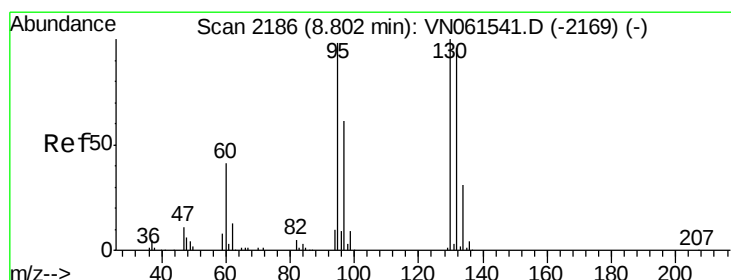
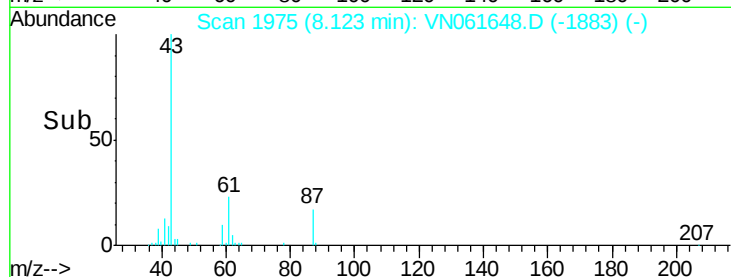
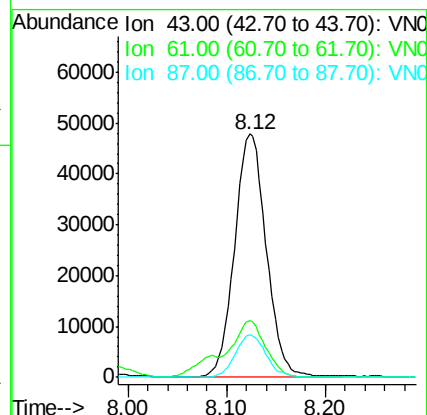
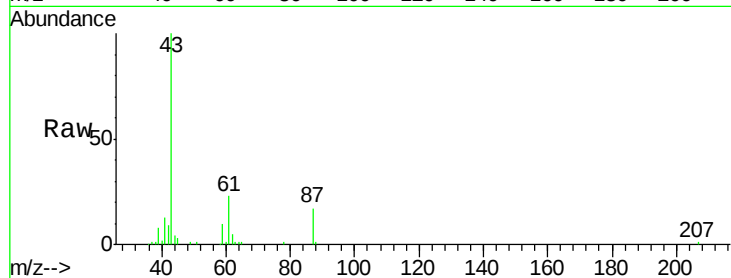
Tot Ion: 43 Resp: 107465

Ion Ratio Lower Upper

43 100

61 23.4 23.6 35.4#

87 16.8 13.0 19.6



#44

Trichloroethene

Concen: 18.094 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061648.D

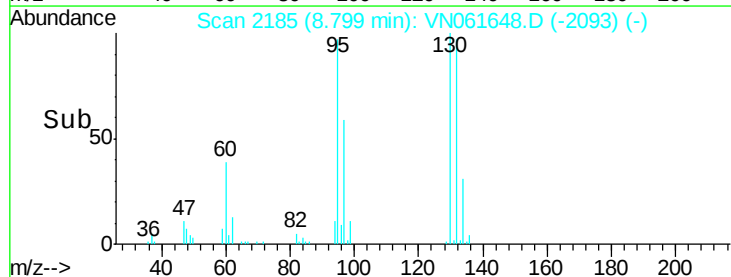
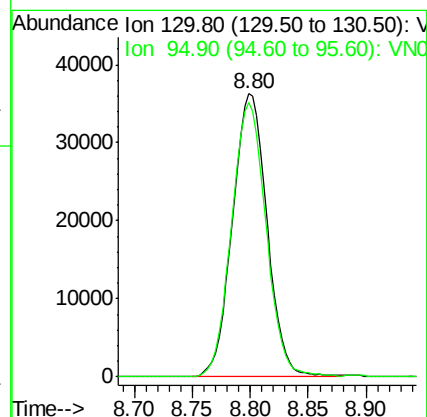
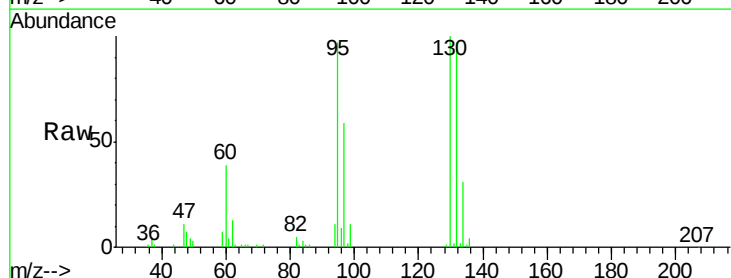
Acq: 4 Jun 2020 13:07

Tgt Ion:130 Resp: 74809

Ion Ratio Lower Upper

130 100

95 96.9 0.0 196.6

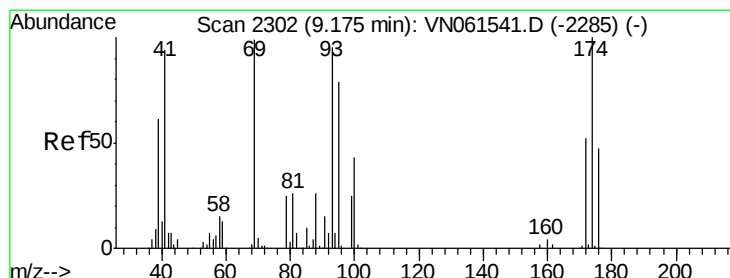
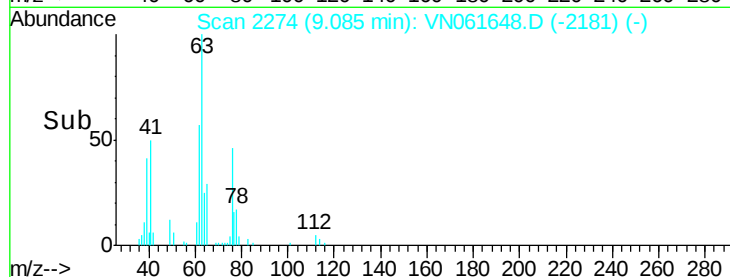
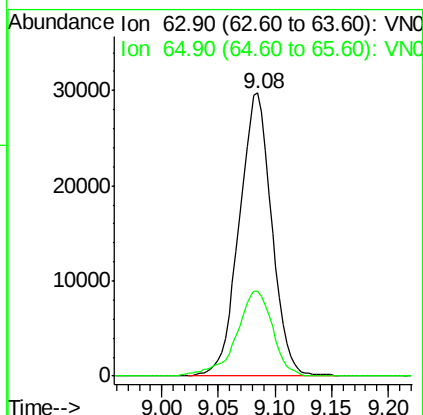
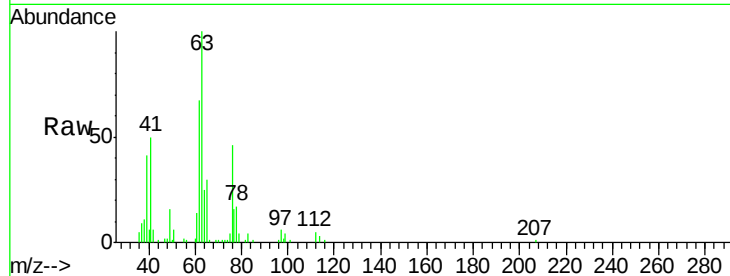




#45
 1,2-Dichloropropane
 Concen: 18.631 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN061648.D
 Acq: 4 Jun 2020 13:07

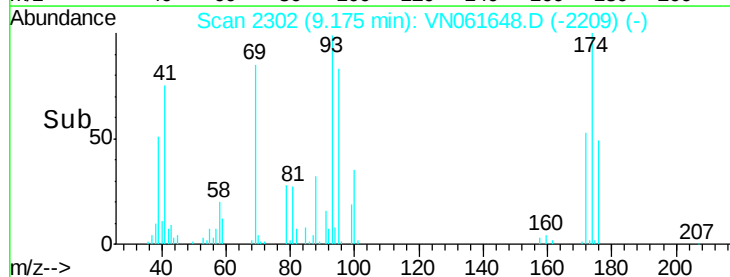
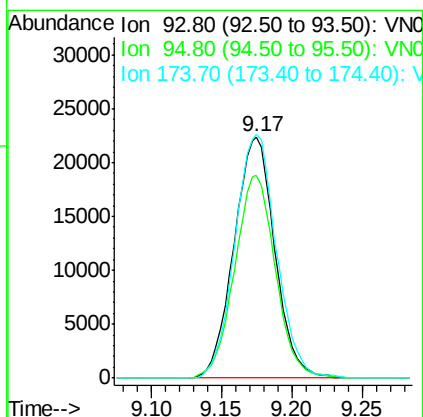
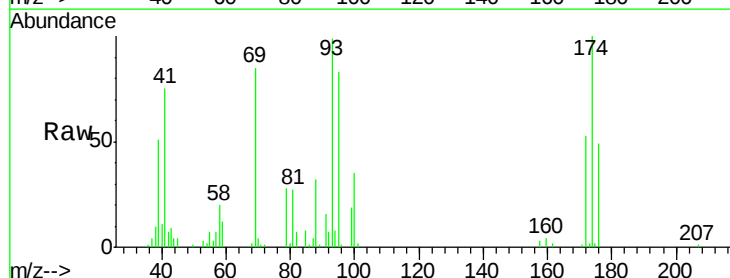
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604MBS01

Tot Ion: 63 Resp: 59519
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.7 37.1



#46
 Dibromomethane
 Concen: 18.494 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN061648.D
 Acq: 4 Jun 2020 13:07

Tgt Ion: 93 Resp: 45312
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.0 99.0
 174 102.7 82.5 123.7





#47

Bromodichloromethane

Concen: 18.237 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0604MBS01

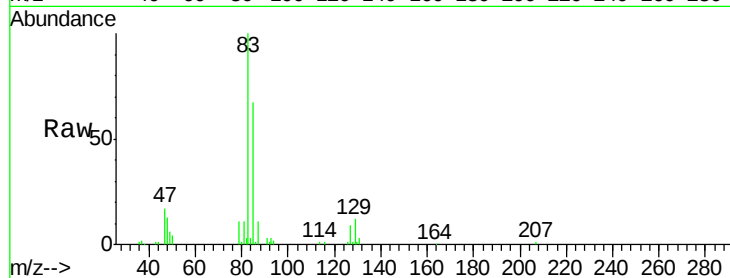
Tot Ion: 83 Resp: 88527

Ion Ratio Lower Upper

83 100

85 67.0 51.1 76.7

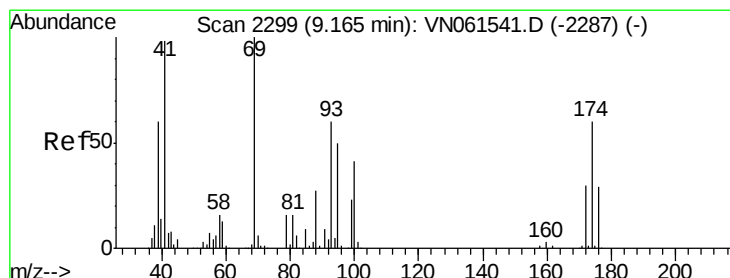
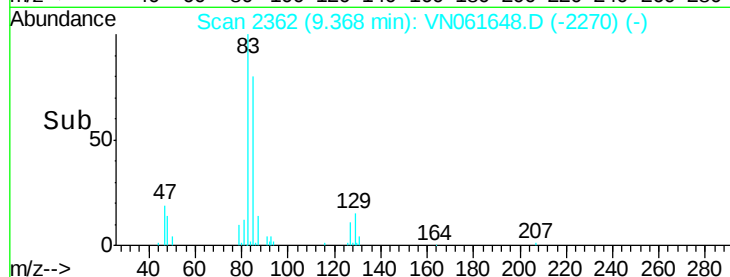
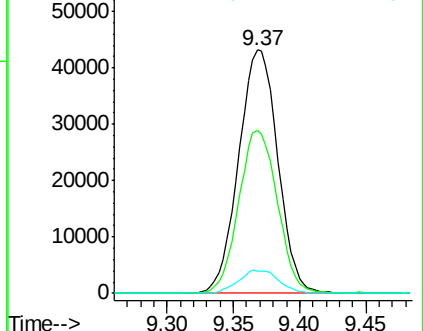
127 9.2 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061648.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061648.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061648.D (-2270) (-)



#48

Methyl methacrylate

Concen: 16.262 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

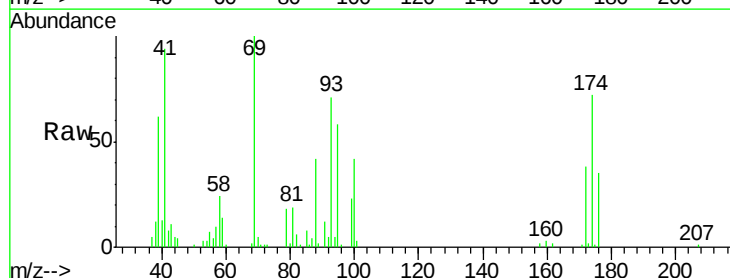
Tgt Ion: 41 Resp: 46229

Ion Ratio Lower Upper

41 100

69 108.5 83.9 125.9

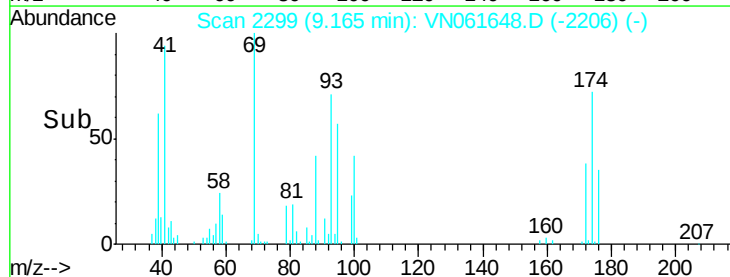
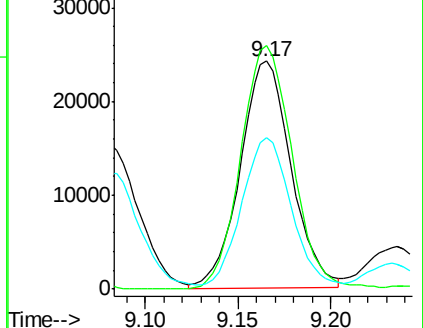
39 65.8 52.1 78.1

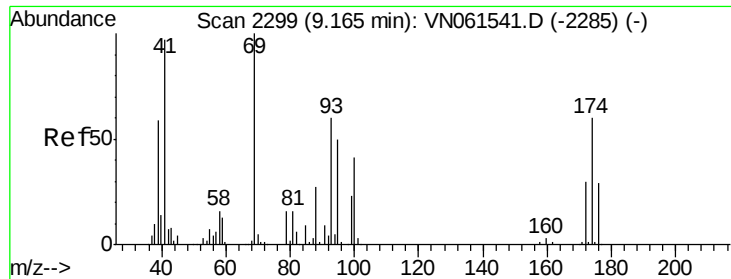


Abundance Ion 41.00 (40.70 to 41.70): VN061648.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061648.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061648.D (-2206) (-)

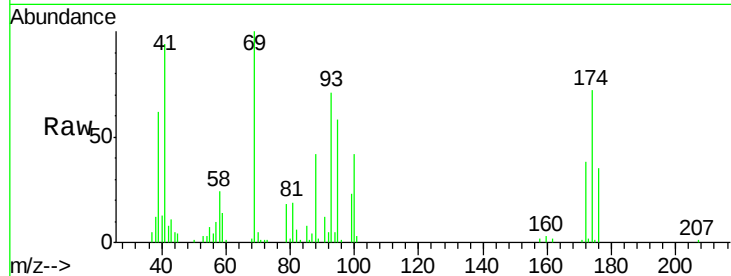




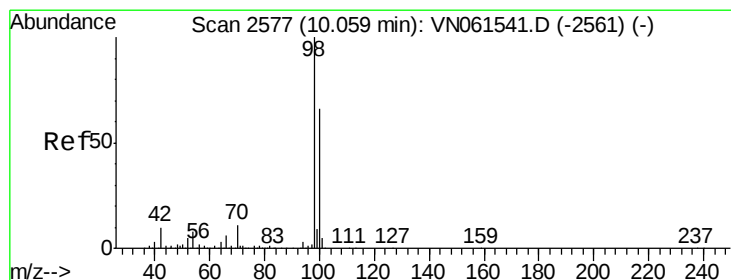
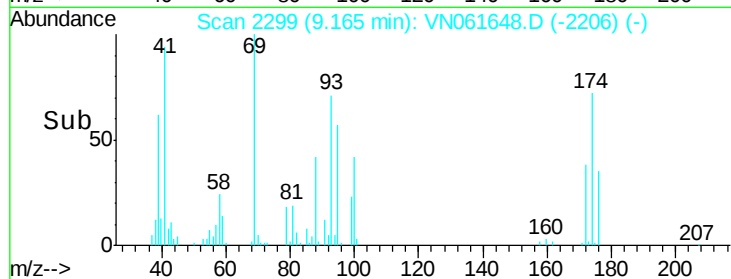
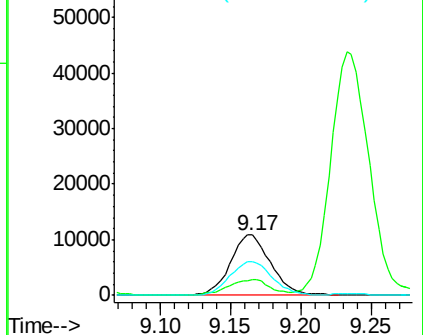
#49
 1,4-Dioxane
 Concen: 494.412 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN061648.D
 Acq: 4 Jun 2020 13:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604MBS01

Tot Ion: 88 Resp: 21773
 Ion Ratio Lower Upper
 88 100
 43 27.5 23.1 34.7
 58 58.6 48.3 72.5

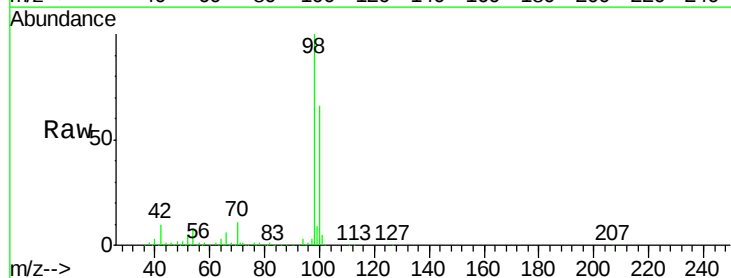


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

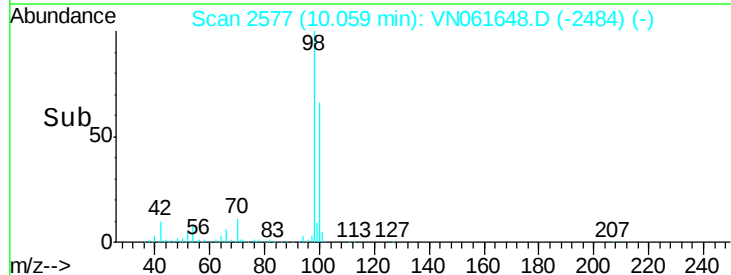
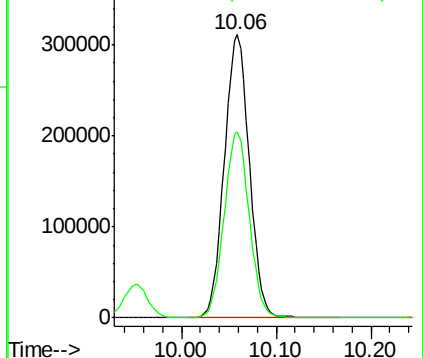


#50
 Toluene-d8
 Concen: 49.437 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN061648.D
 Acq: 4 Jun 2020 13:07

Tgt Ion: 98 Resp: 572409
 Ion Ratio Lower Upper
 98 100
 100 65.7 52.8 79.2



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





#51

4-Methyl-2-Pentanone

Concen: 86.569 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

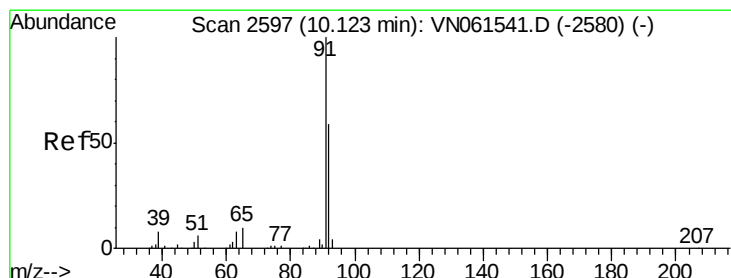
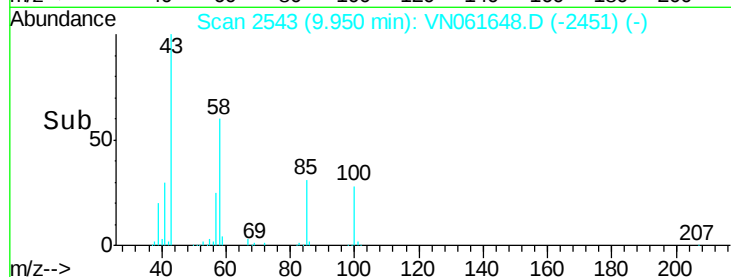
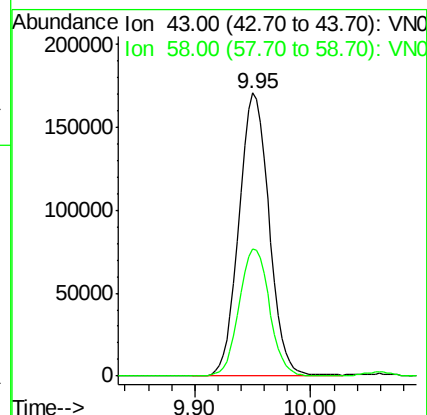
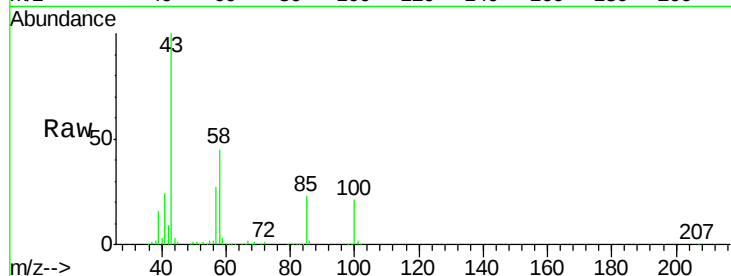
VN0604MBS01

Tot Ion: 43 Resp: 308231

Ion Ratio Lower Upper

43 100

58 45.3 35.0 52.6



#52

Toluene

Concen: 18.702 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061648.D

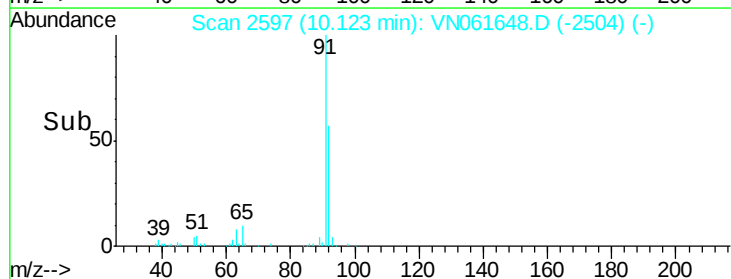
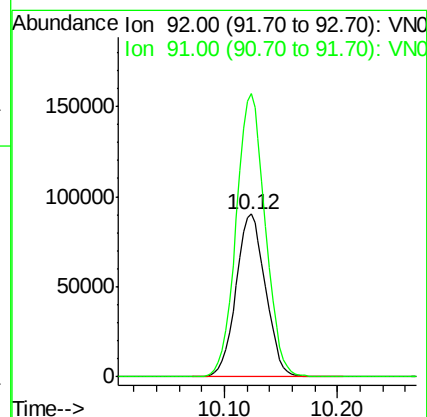
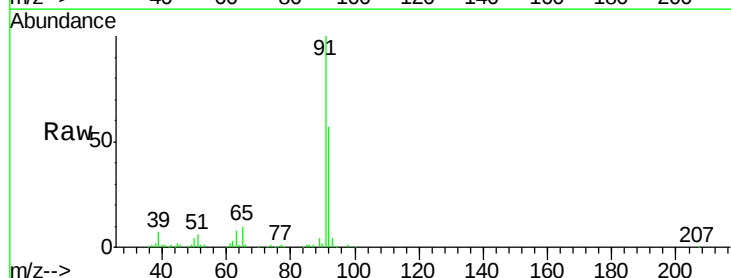
Acq: 4 Jun 2020 13:07

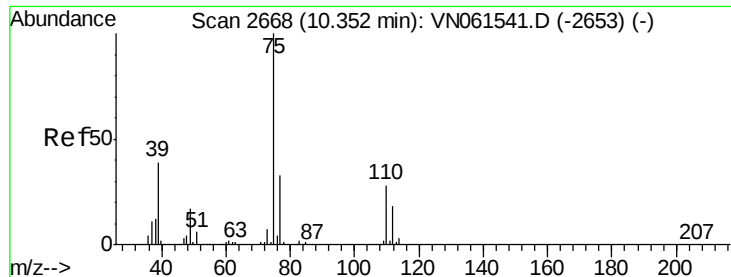
Tgt Ion: 92 Resp: 164222

Ion Ratio Lower Upper

92 100

91 171.2 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 17.662 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

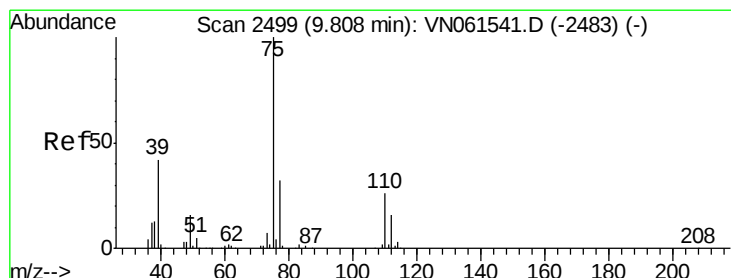
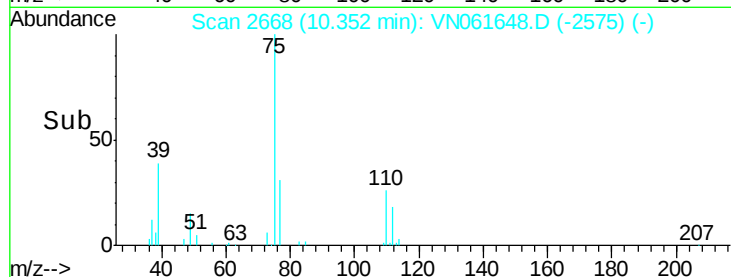
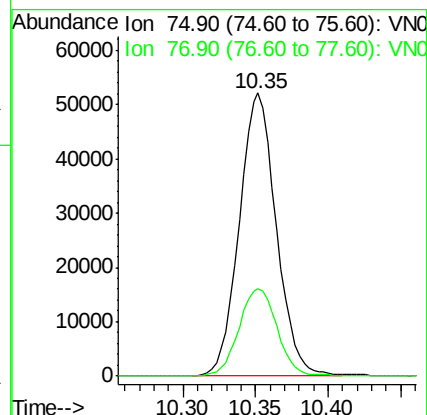
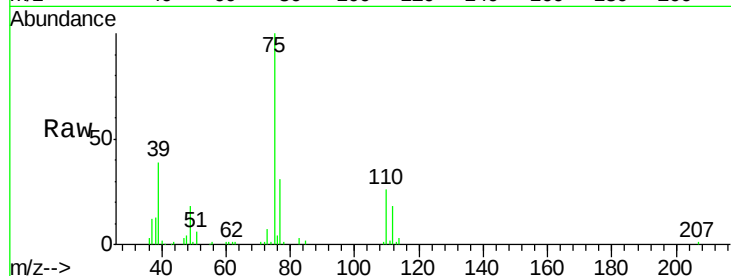
VN0604MBS01

Tot Ion: 75 Resp: 92355

Ion Ratio Lower Upper

75 100

77 31.1 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 18.225 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

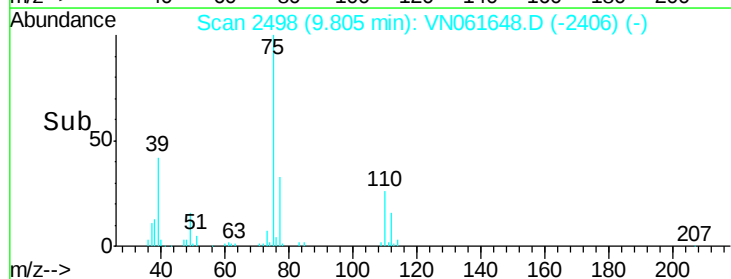
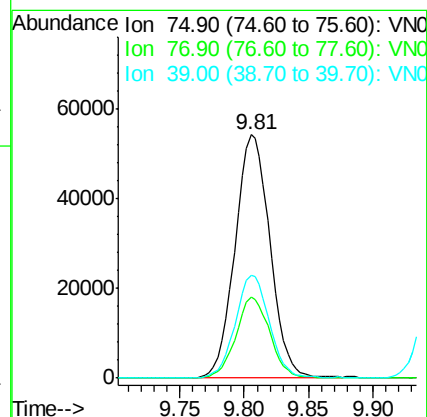
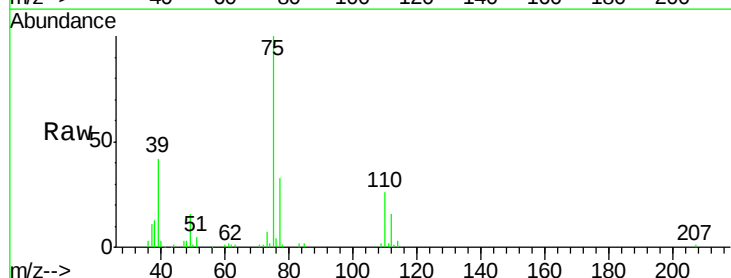
Tgt Ion: 75 Resp: 102471

Ion Ratio Lower Upper

75 100

77 33.0 25.4 38.2

39 42.2 33.8 50.6

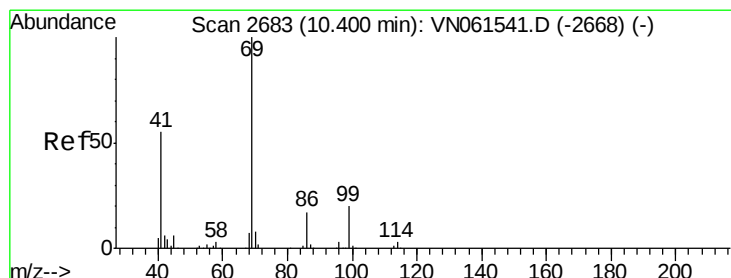
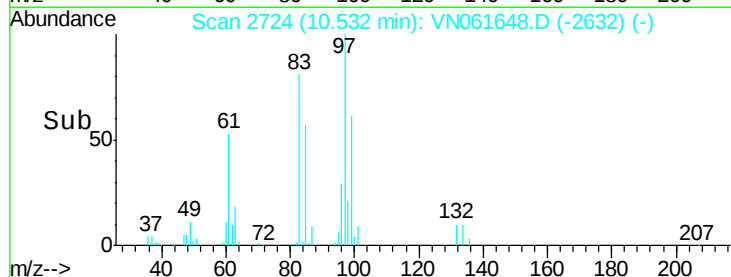
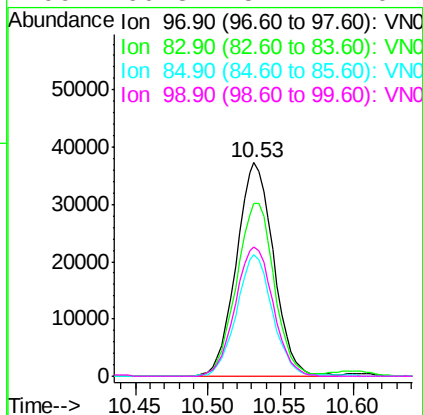
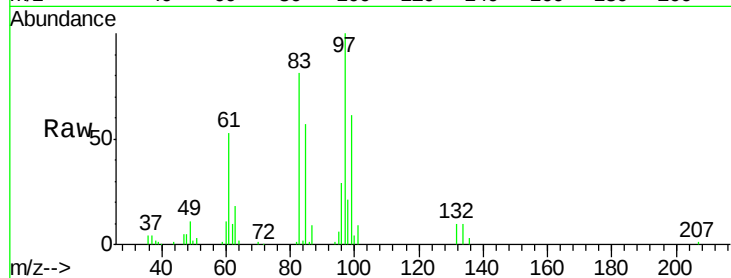




#55
 1,1,2-Trichloroethane
 Concen: 19.050 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061648.D
 Acq: 4 Jun 2020 13:07

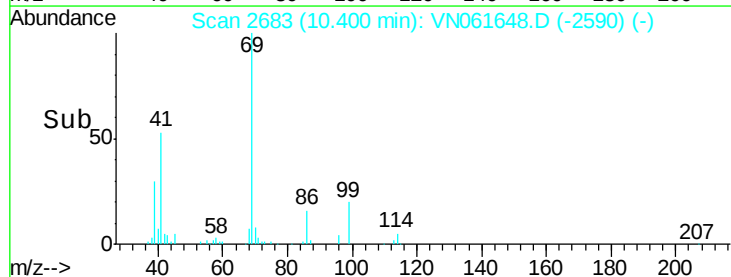
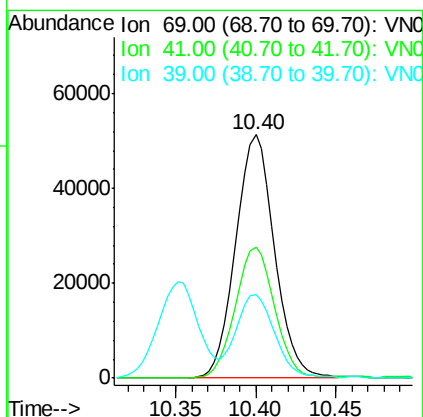
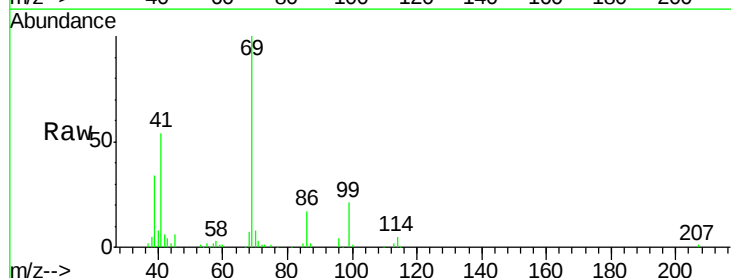
Instrument :
 MSVOA_N
 ClientSampled :
 VN0604MBS01

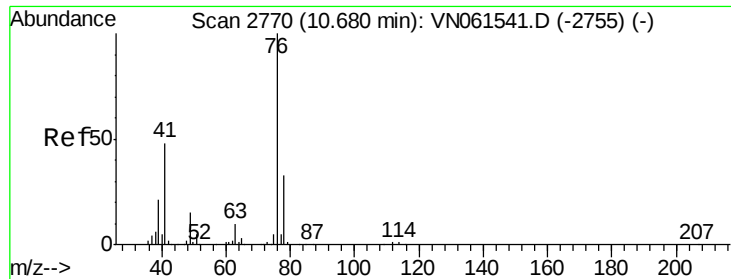
Tot Ion: 97 Resp: 66644
 Ion Ratio Lower Upper
 97 100
 83 80.8 68.1 102.1
 85 57.2 44.1 66.1
 99 60.8 51.1 76.7



#56
 Ethyl methacrylate
 Concen: 17.335 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN061648.D
 Acq: 4 Jun 2020 13:07

Tgt Ion: 69 Resp: 84713
 Ion Ratio Lower Upper
 69 100
 41 54.7 43.5 65.3
 39 33.5 27.0 40.6

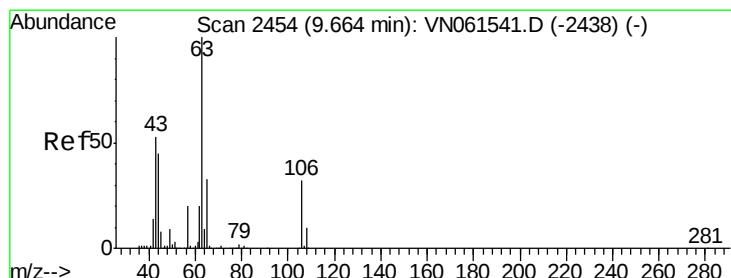
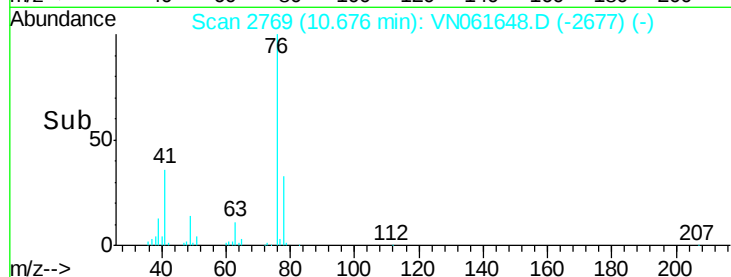
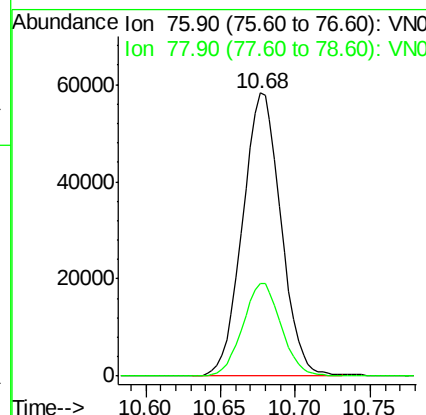
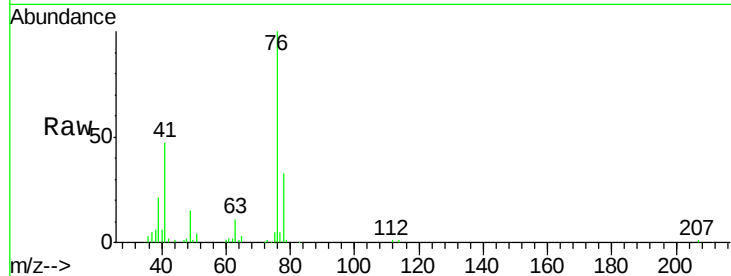




#57
 1,3-Dichloropropane
 Concen: 18.619 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061648.D
 Acq: 4 Jun 2020 13:07

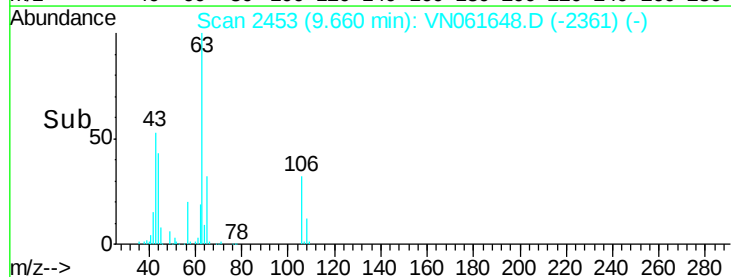
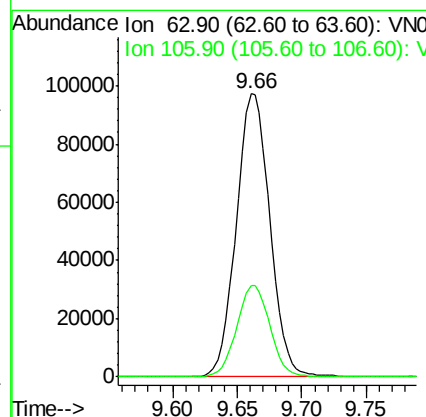
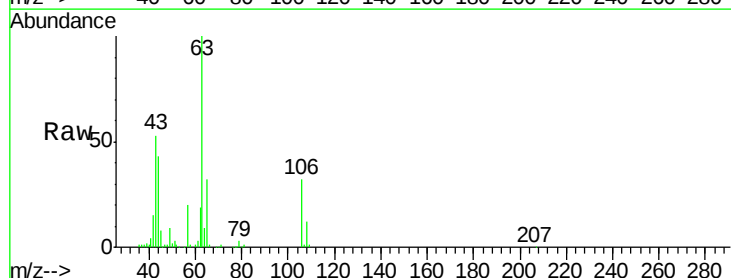
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604MBS01

Tot Ion: 76 Resp: 104175
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 84.585 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061648.D
 Acq: 4 Jun 2020 13:07

Tgt Ion: 63 Resp: 176644
 Ion Ratio Lower Upper
 63 100
 106 31.8 25.9 38.9

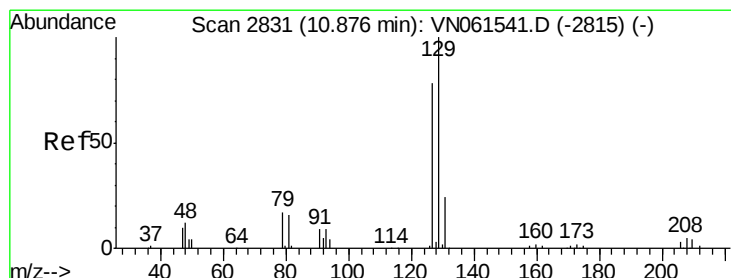
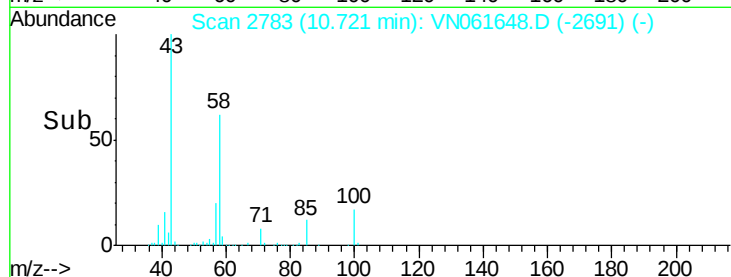
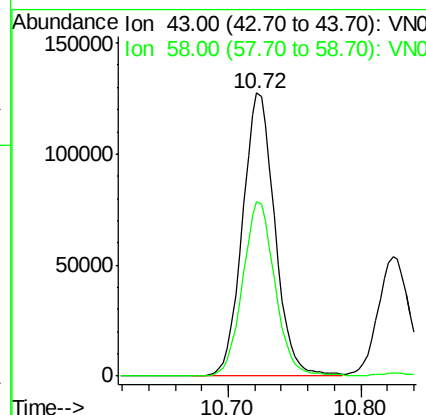
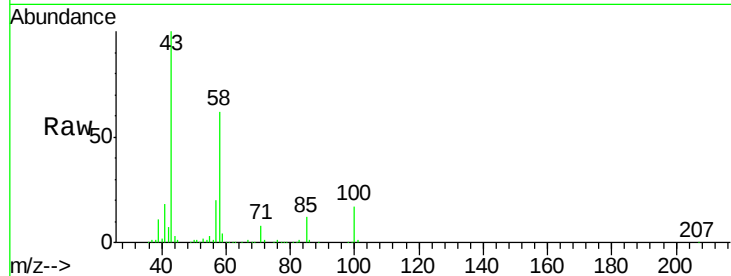




#59
2-Hexanone
Concen: 84.480 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

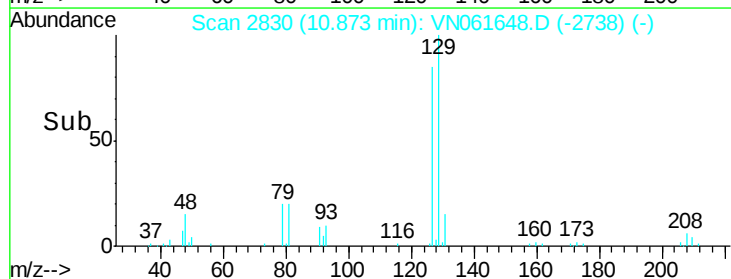
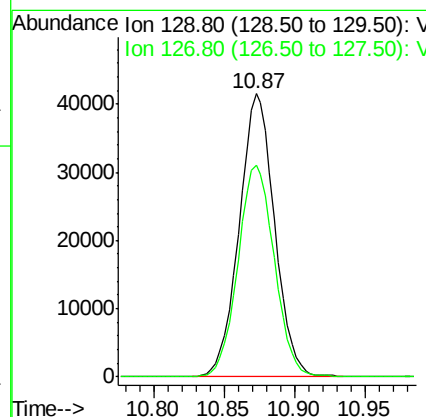
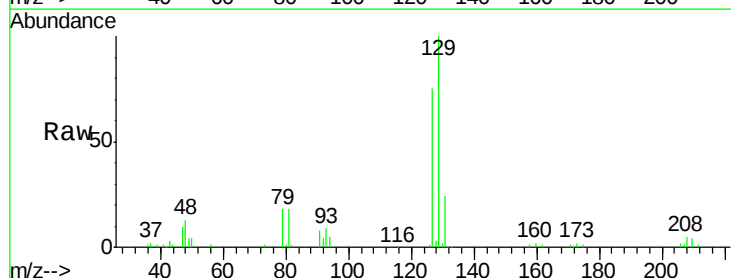
Instrument :
MSVOA_N
ClientSampleId :
VN0604MBS01

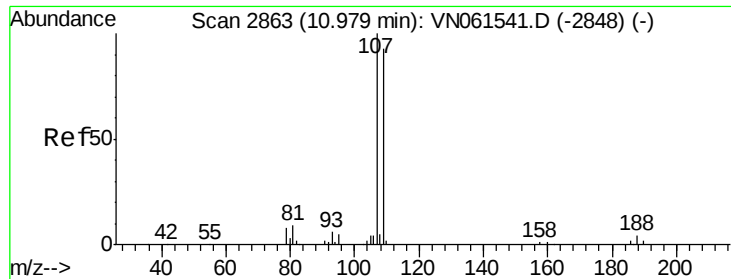
Tot Ion: 43 Resp: 216020
Ion Ratio Lower Upper
43 100
58 61.8 30.7 92.1



#60
Dibromochloromethane
Concen: 18.322 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

Tgt Ion: 129 Resp: 72870
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.3

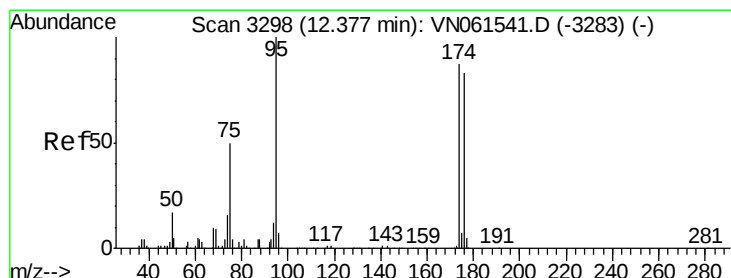
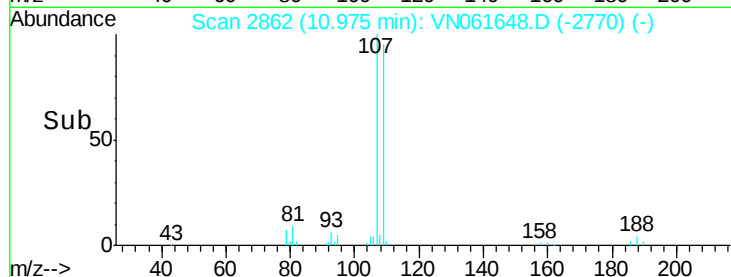
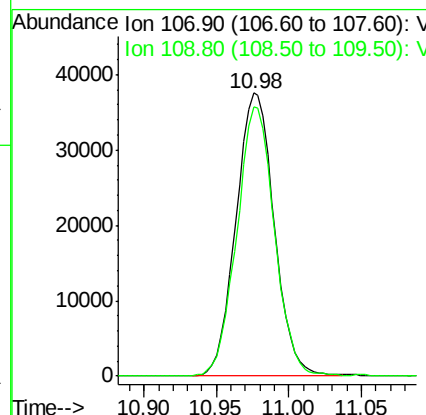
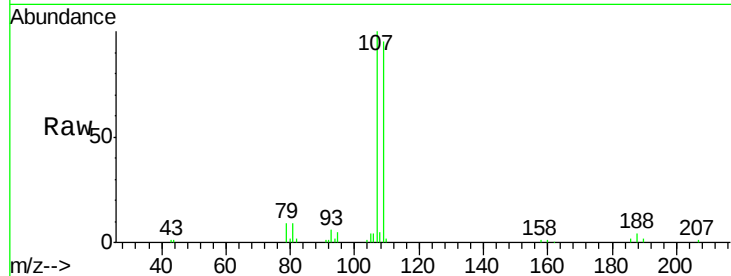




#61
 1,2-Dibromoethane
 Concen: 18.841 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061648.D
 Acq: 4 Jun 2020 13:07

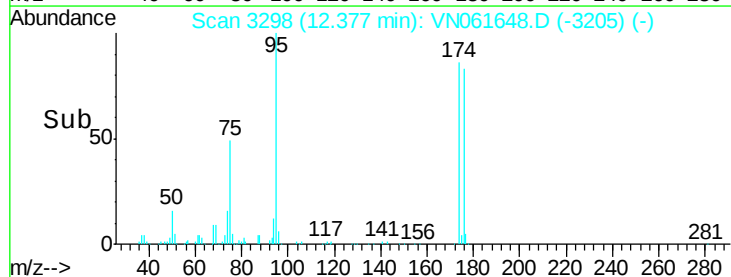
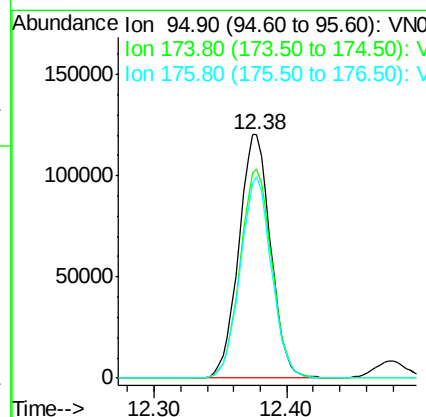
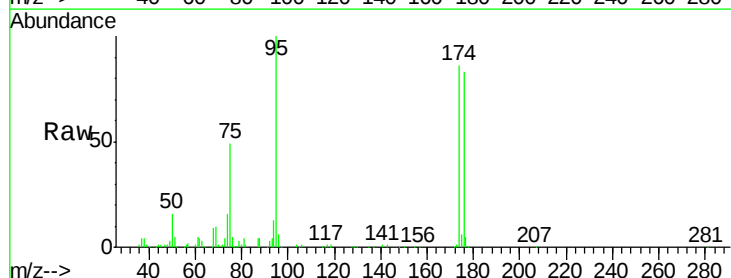
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604MBS01

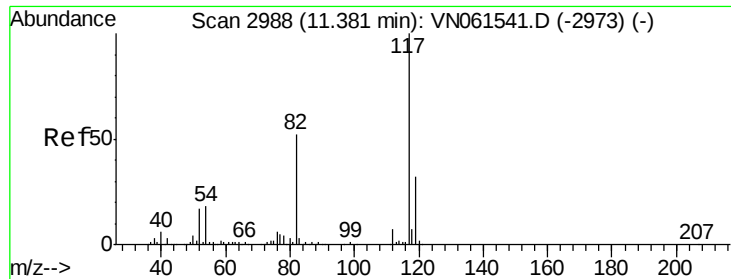
Tot Ion:107 Resp: 68742
 Ion Ratio Lower Upper
 107 100
 109 93.7 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 47.435 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061648.D
 Acq: 4 Jun 2020 13:07

Tgt Ion: 95 Resp: 200378
 Ion Ratio Lower Upper
 95 100
 174 85.7 0.0 172.8
 176 81.0 0.0 164.8

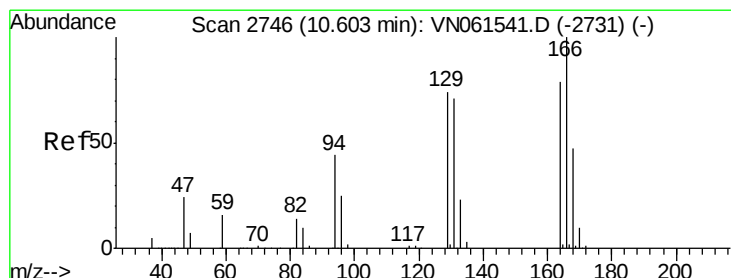
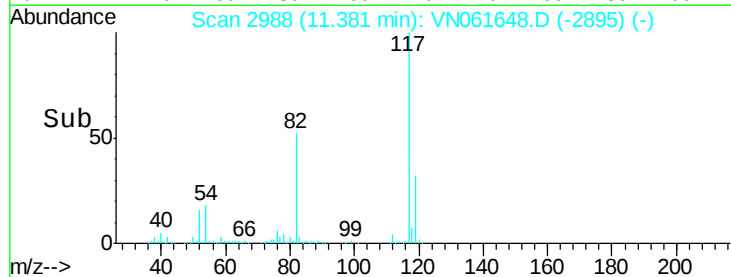
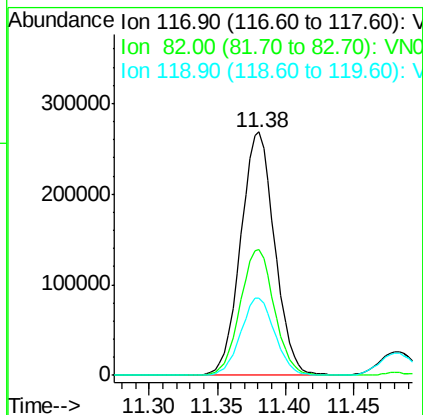
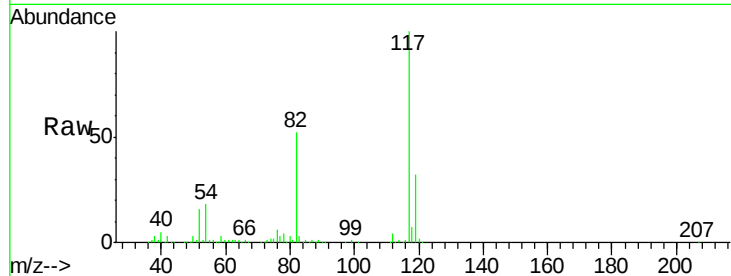




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

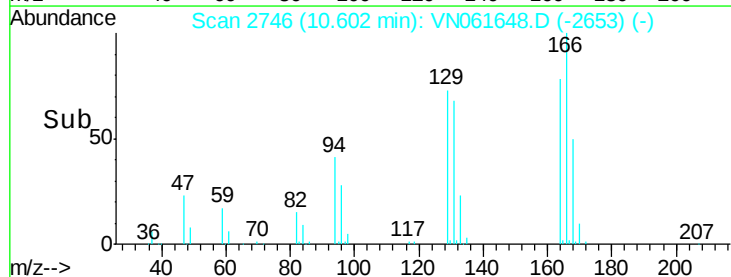
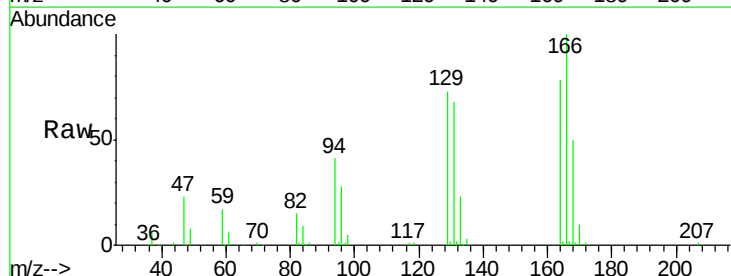
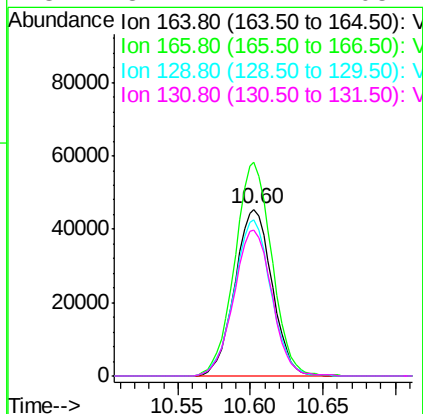
Instrument :
MSVOA_N
ClientSampleId :
VN0604MBS01

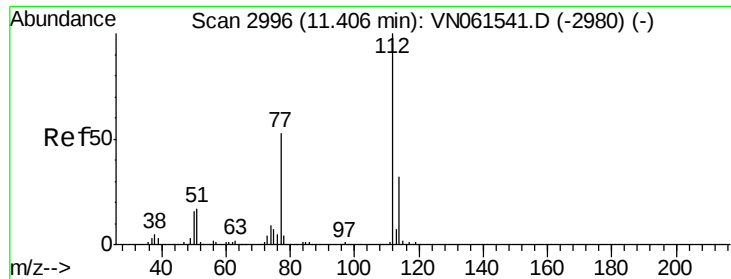
Tot Ion:117 Resp: 463045
Ion Ratio Lower Upper
117 100
82 51.9 41.5 62.3
119 31.8 25.6 38.4



#64
Tetrachloroethene
Concen: 18.523 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

Tgt Ion:164 Resp: 80735
Ion Ratio Lower Upper
164 100
166 127.9 101.5 152.3
129 93.8 74.9 112.3
131 87.1 72.2 108.2

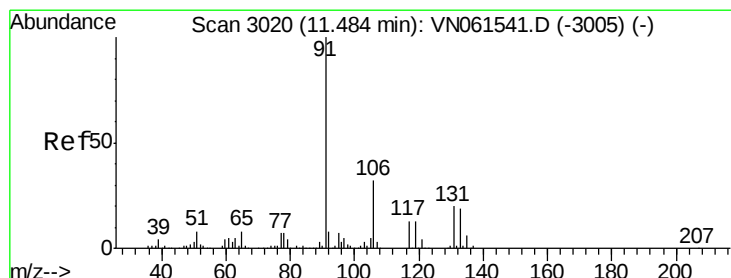
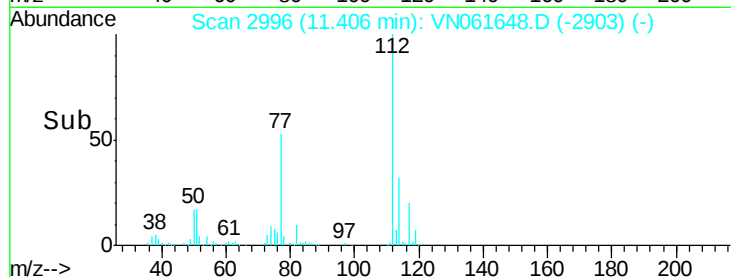
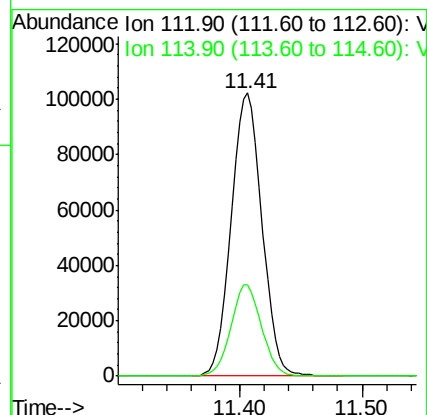
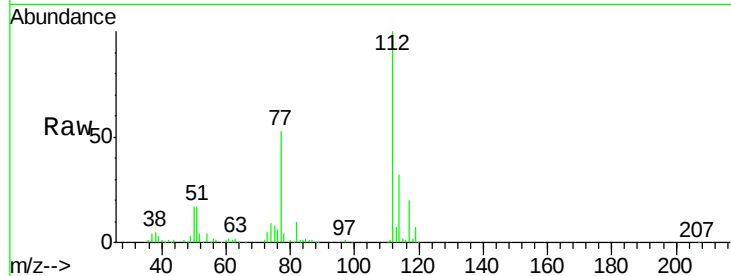




#65
Chlorobenzene
Concen: 18.724 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

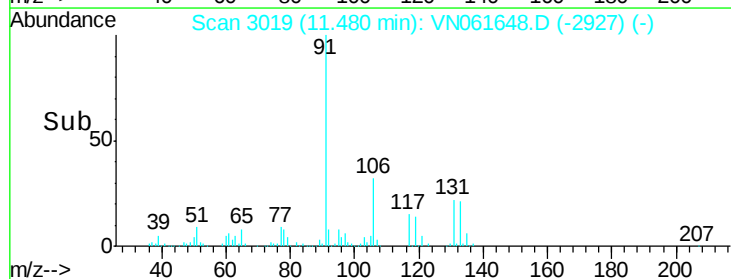
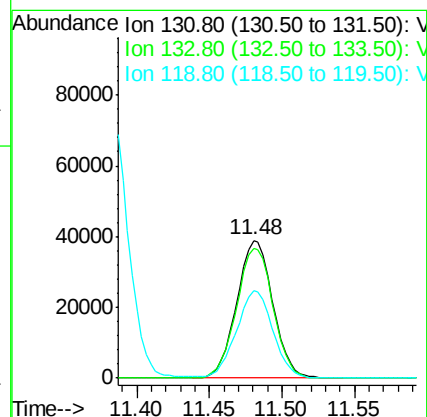
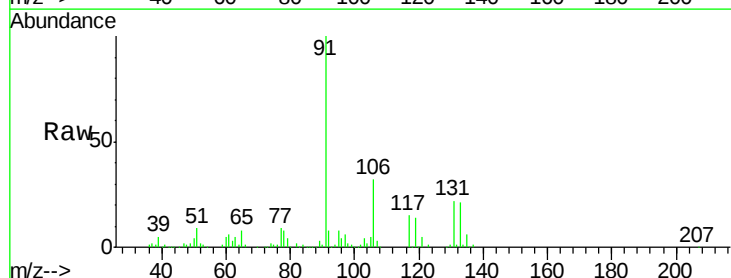
Instrument :
MSVOA_N
ClientSampled :
VN0604MBS01

Tot Ion:112 Resp: 180215
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.836 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

Tgt Ion:131 Resp: 67507
Ion Ratio Lower Upper
131 100
133 95.7 47.4 142.2
119 64.0 32.6 97.8

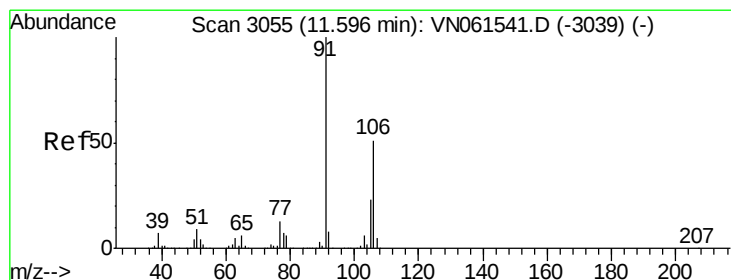
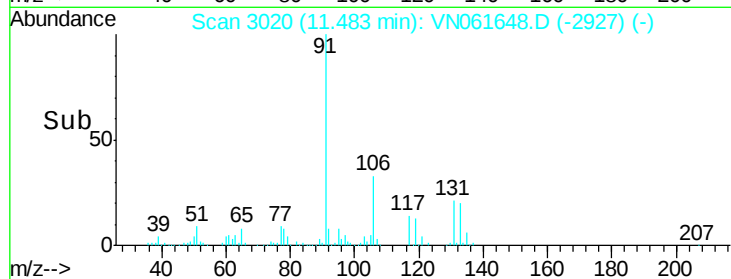
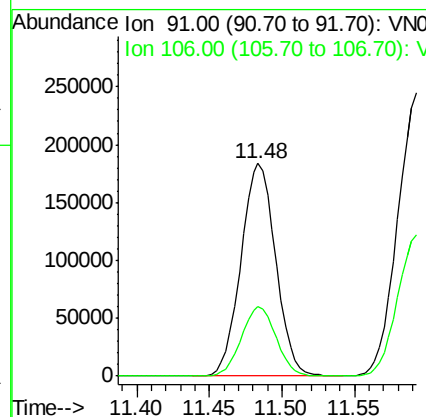
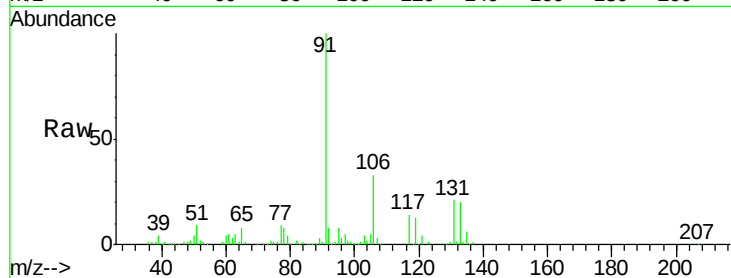




#67
Ethyl Benzene
Concen: 18.412 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

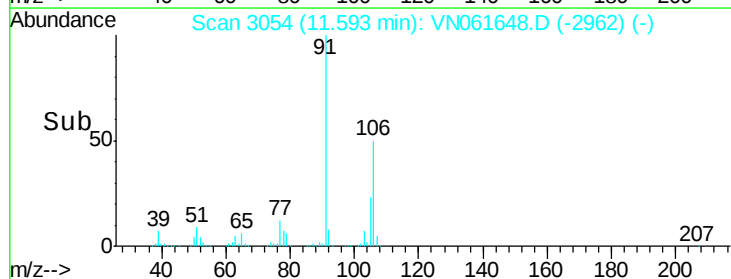
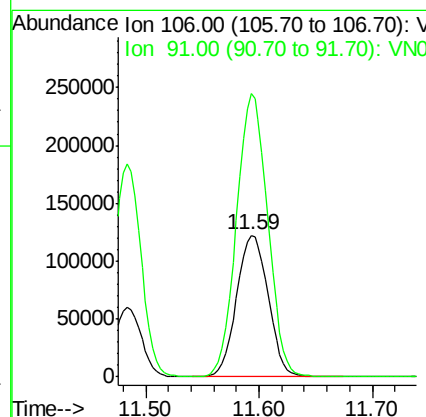
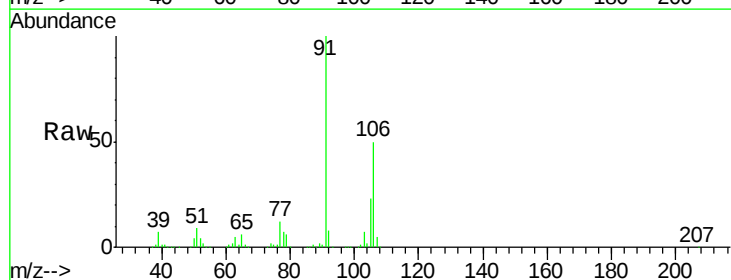
Instrument :
MSVOA_N
ClientSampled :
VN0604MBS01

Tot Ion: 91 Resp: 306305
Ion Ratio Lower Upper
91 100
106 32.6 25.6 38.4



#68
m/p-Xylenes
Concen: 36.244 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

Tgt Ion: 106 Resp: 239072
Ion Ratio Lower Upper
106 100
91 196.0 156.2 234.4

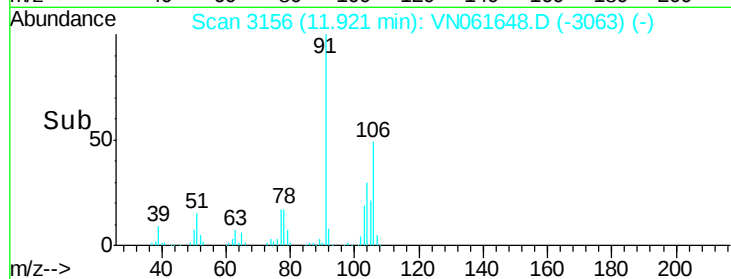
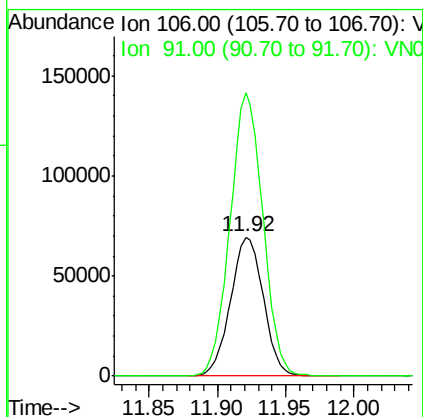
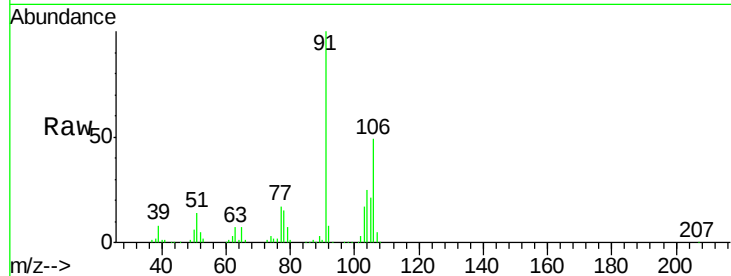




#69
o-Xylene
Concen: 18.579 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

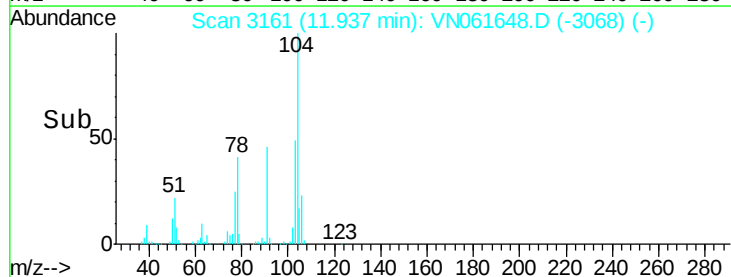
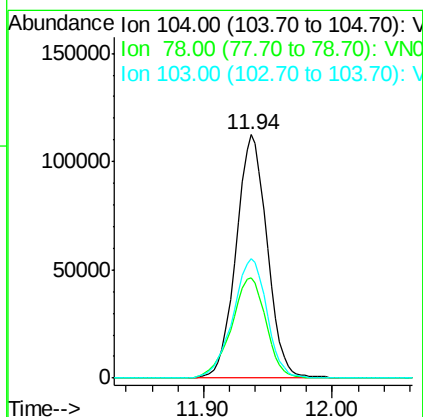
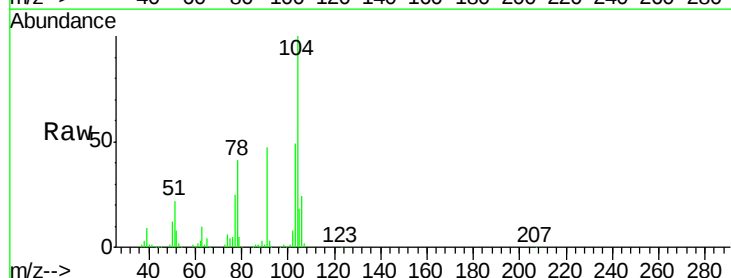
Instrument :
MSVOA_N
ClientSampled :
VN0604MBS01

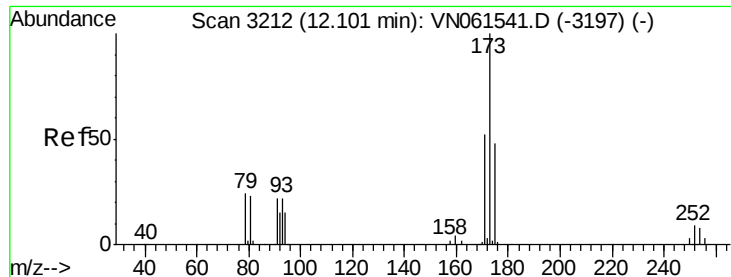
Tot Ion:106 Resp: 116397
Ion Ratio Lower Upper
106 100
91 203.2 103.3 309.8



#70
Styrene
Concen: 18.152 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

Tgt Ion:104 Resp: 188326
Ion Ratio Lower Upper
104 100
78 46.0 37.4 56.0
103 53.5 42.3 63.5





#71

Bromoform

Concen: 17.579 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0604MBS01

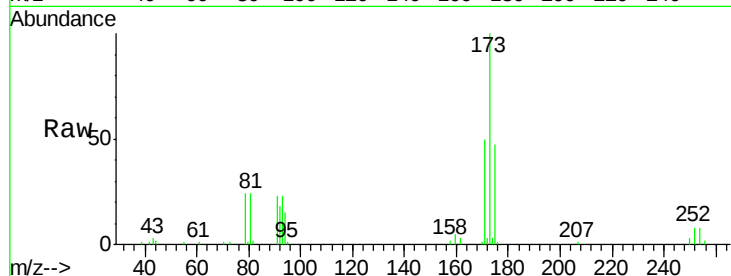
Tot Ion:173 Resp: 48545

Ion Ratio Lower Upper

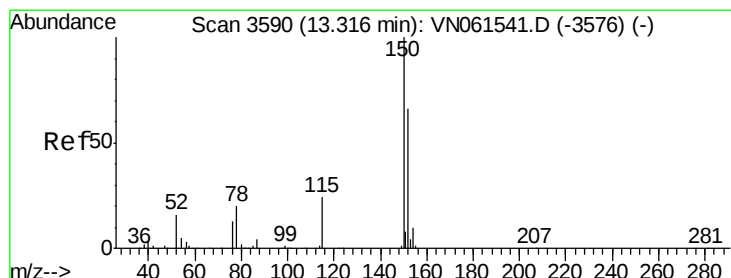
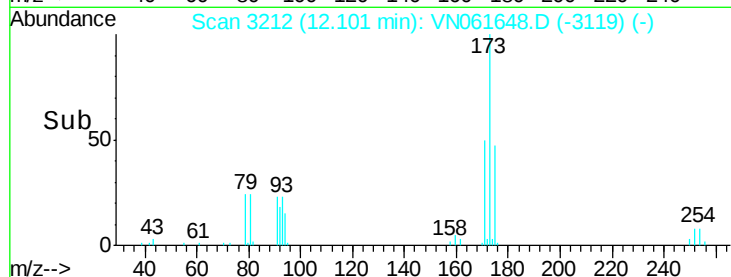
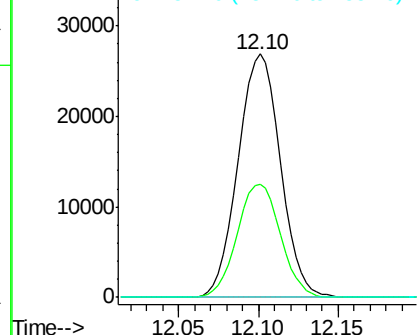
173 100

175 47.3 24.4 73.2

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

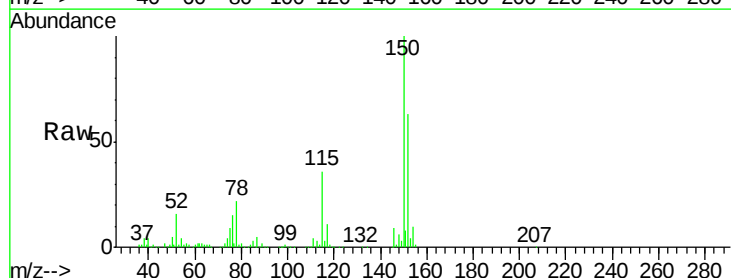
Tgt Ion:152 Resp: 224033

Ion Ratio Lower Upper

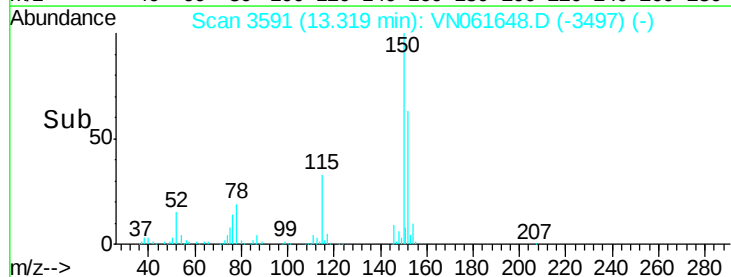
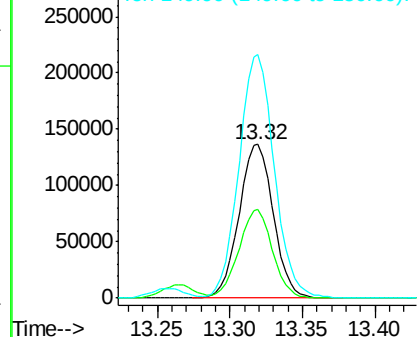
152 100

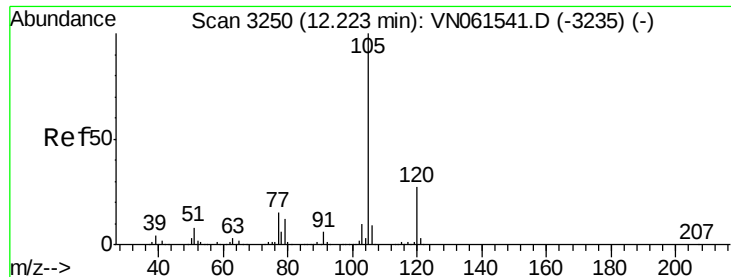
115 57.0 28.0 84.0

150 164.1 0.0 344.0



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: 18.616 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

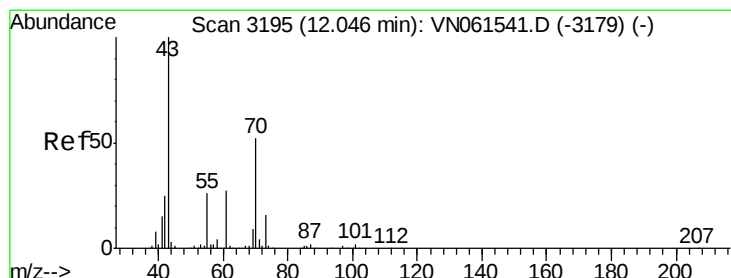
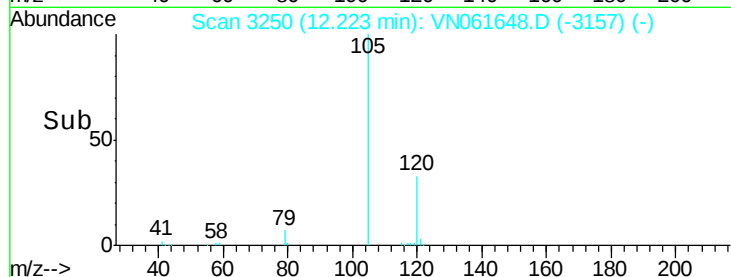
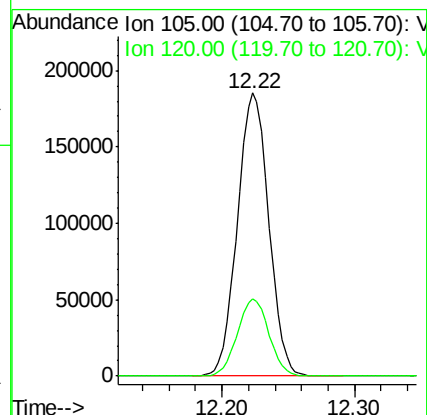
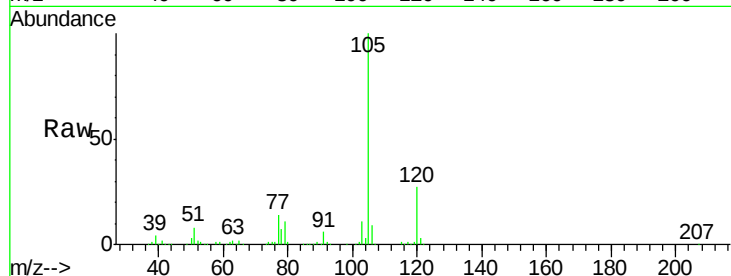
VN0604MBS01

Tot Ion:105 Resp: 304393

Ion Ratio Lower Upper

105 100

120 27.4 13.8 41.3



#74

N-ethyl acetate

Concen: 16.537 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

Tgt Ion: 43 Resp: 85159

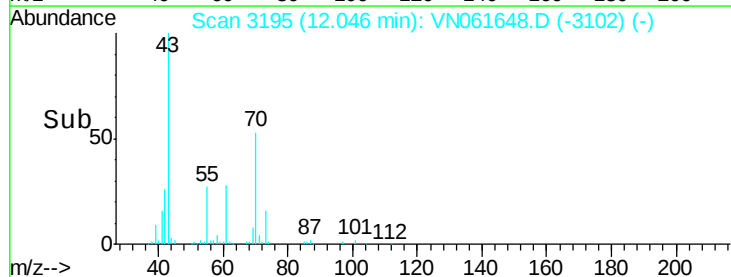
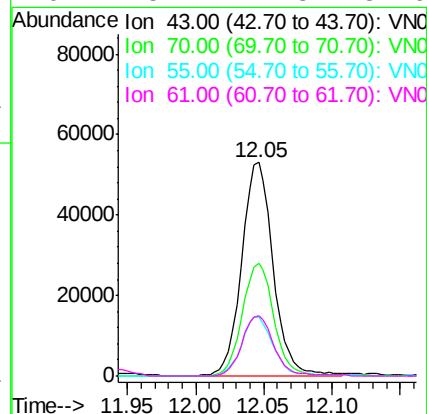
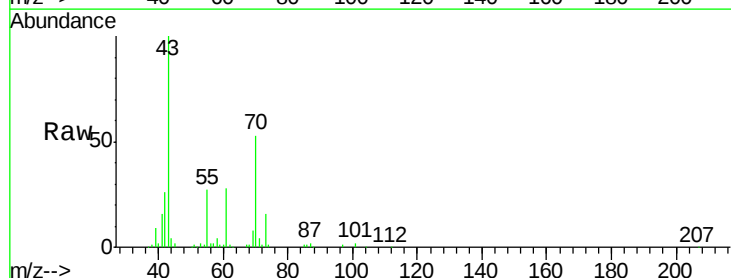
Ion Ratio Lower Upper

43 100

70 52.6 40.5 60.7

55 28.0 20.6 31.0

61 28.2 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.126 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0604MBS01

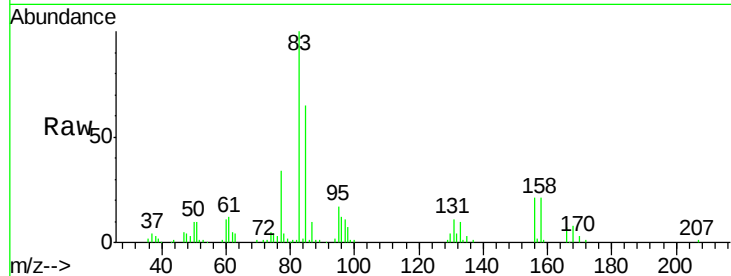
Tot Ion: 83 Resp: 83056

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.5

85 64.9 32.1 96.3

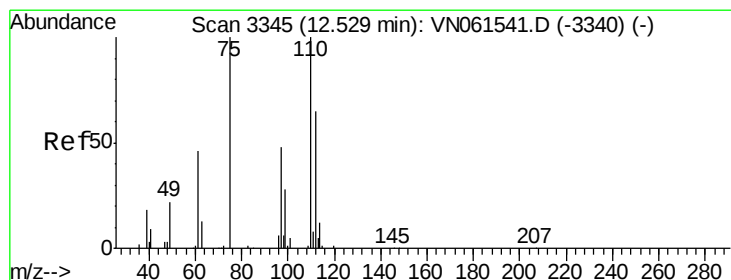
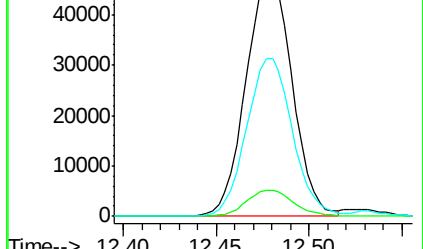
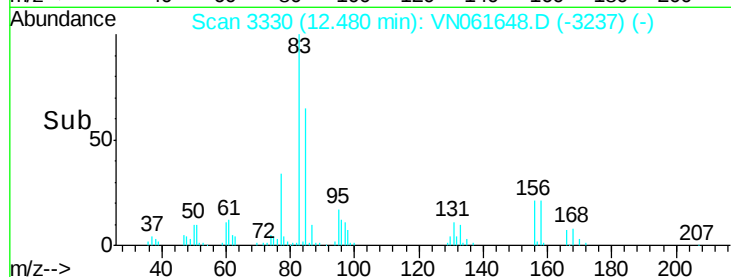


Abundance Ion 82.90 (82.60 to 83.60): VN061648.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN061648.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN061648.D (-3237) (-)

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 17.509 ug/l m

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061648.D

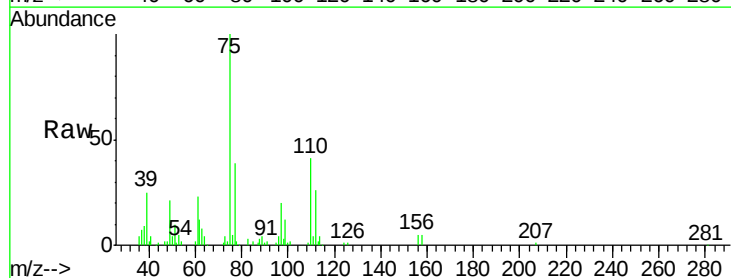
Acq: 4 Jun 2020 13:07

Tgt Ion: 75 Resp: 71327

Ion Ratio Lower Upper

75 100

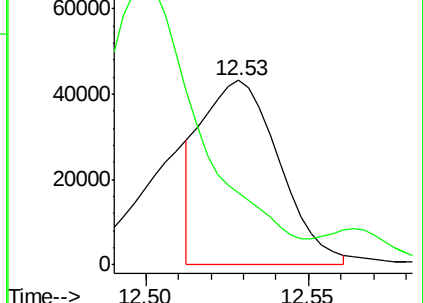
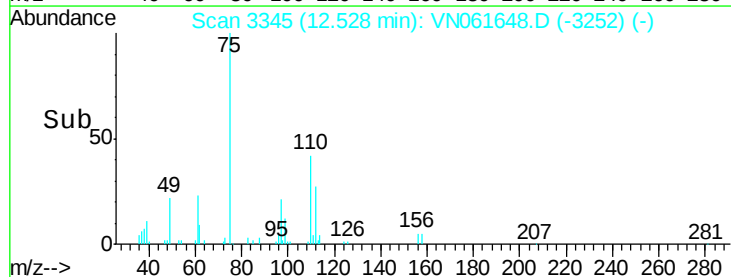
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061648.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061648.D (-3252) (-)

Time--> 12.50 12.55

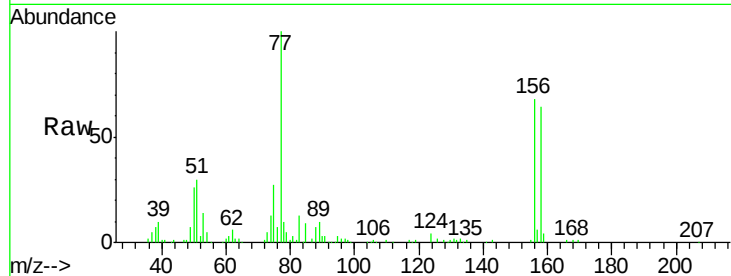




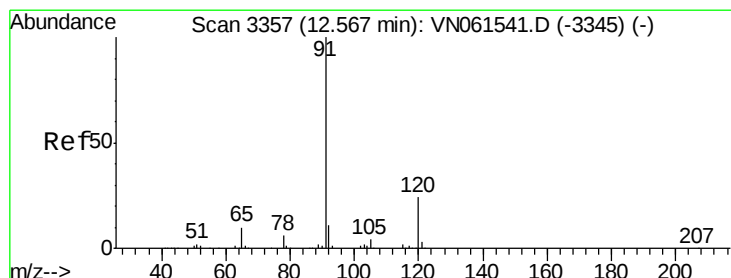
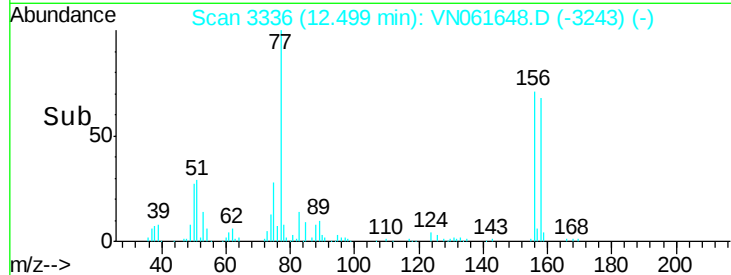
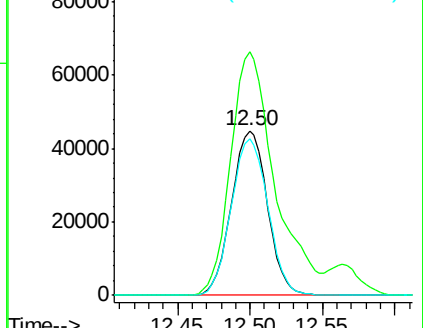
#77
Bromobenzene
Concen: 18.494 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

Instrument :
MSVOA_N
ClientSampleId :
VN0604MBS01

Tot Ion:156 Resp: 77190
Ion Ratio Lower Upper
156 100
77 181.9 90.9 272.7
158 97.1 48.4 145.3

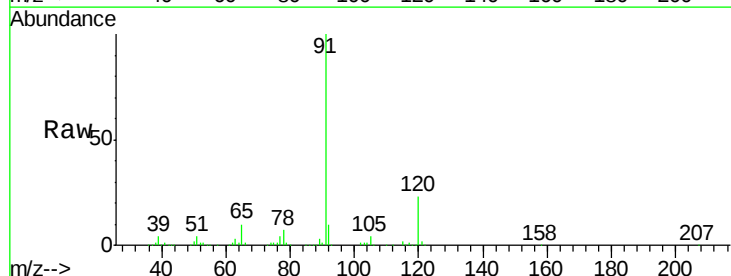


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN0
Ion 157.80 (157.50 to 158.50): V

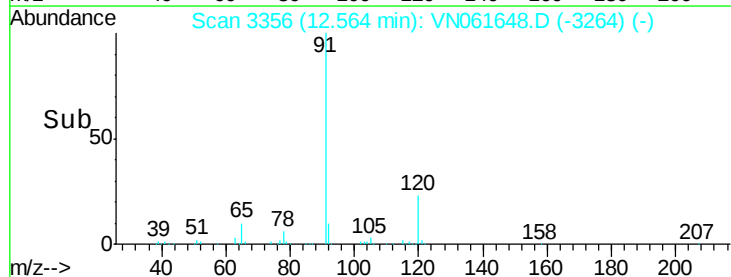
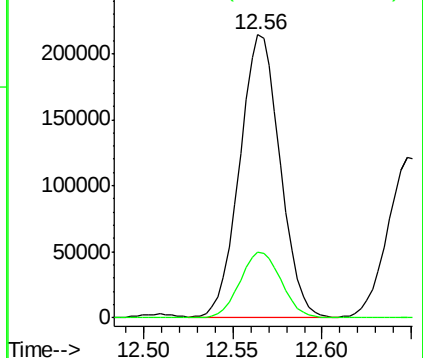


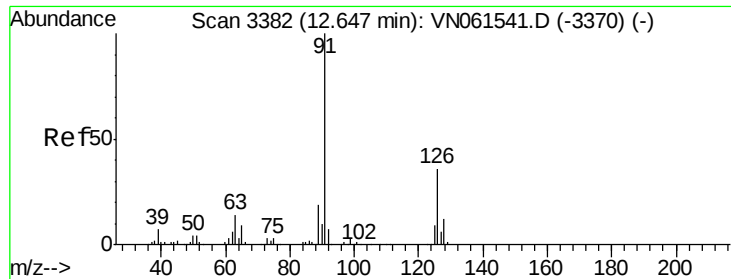
#78
n-propylbenzene
Concen: 18.468 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

Tgt Ion: 91 Resp: 337123
Ion Ratio Lower Upper
91 100
120 23.9 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.218 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

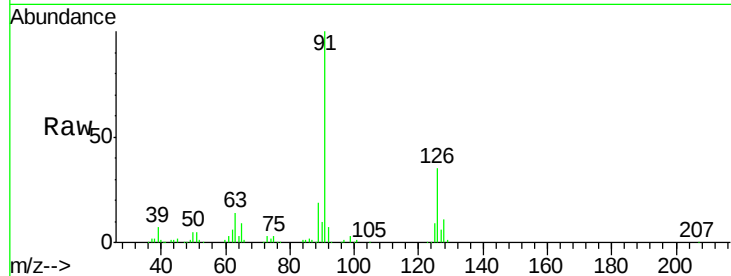
VN0604MBS01

Tot Ion: 91 Resp: 198296

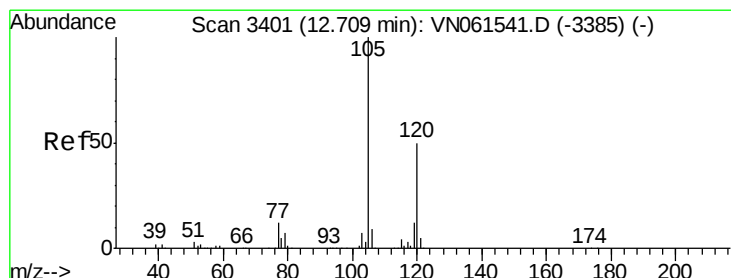
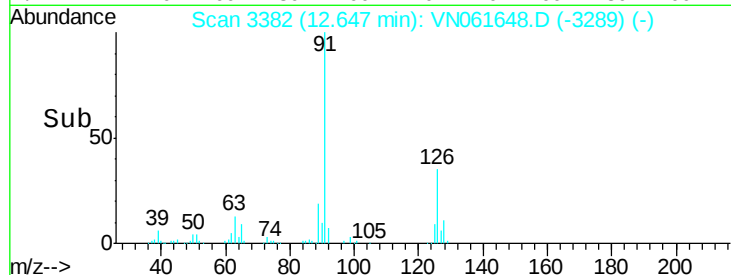
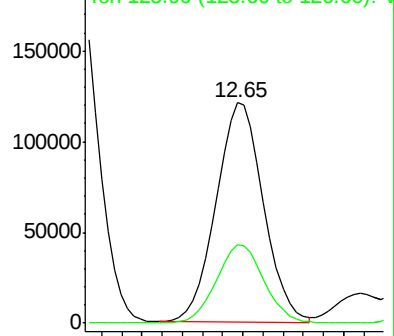
Ion Ratio Lower Upper

91 100

126 36.1 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN061648.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.327 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061648.D

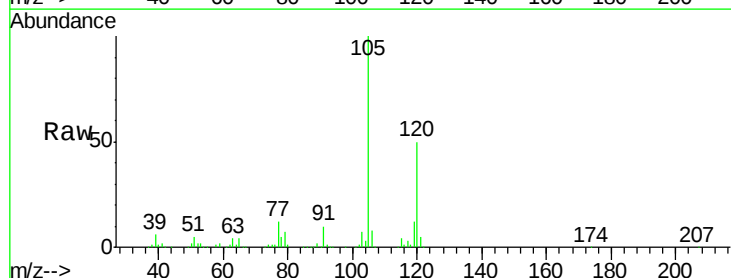
Acq: 4 Jun 2020 13:07

Tgt Ion: 105 Resp: 250478

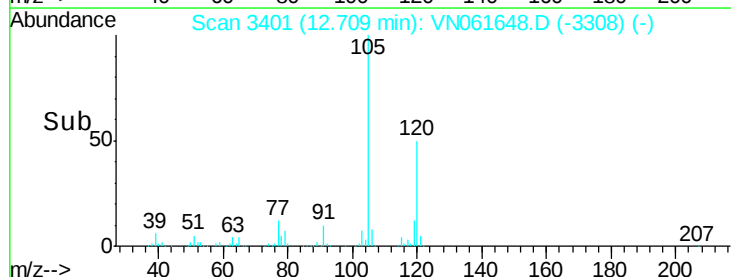
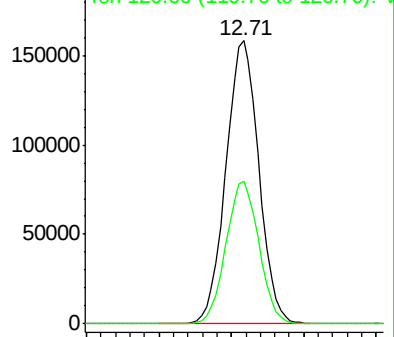
Ion Ratio Lower Upper

105 100

120 50.6 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN061648.D (-3401) (-)

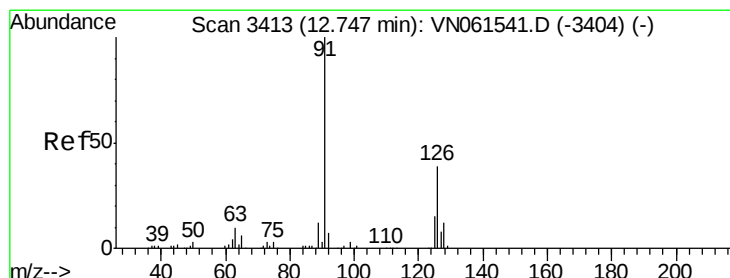
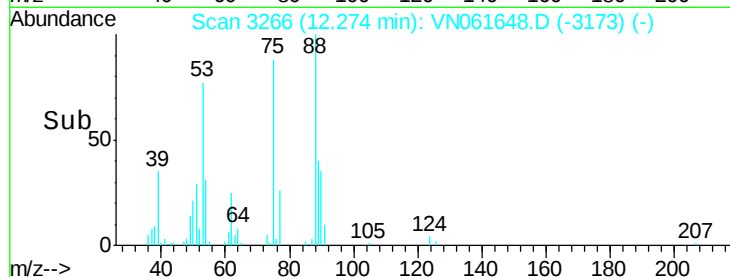
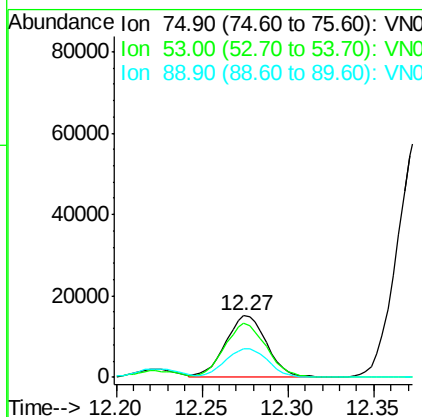
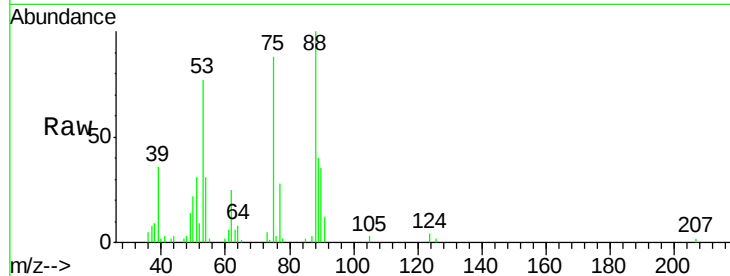




#81
trans-1,4-Dichloro-2-butene
Concen: 16.049 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

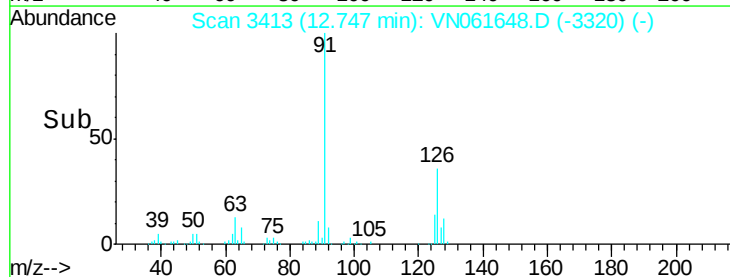
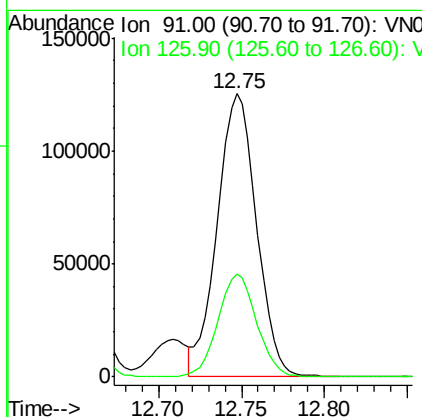
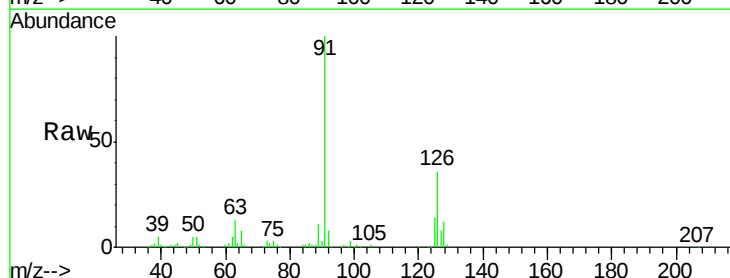
Instrument :
MSVOA_N
ClientSampleId :
VN0604MBS01

Tot Ion: 75 Resp: 25567
Ion Ratio Lower Upper
75 100
53 88.7 67.8 101.8
89 47.6 37.1 55.7



#82
4-Chlorotoluene
Concen: 17.874 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN061648.D
Acq: 4 Jun 2020 13:07

Tgt Ion: 91 Resp: 204676
Ion Ratio Lower Upper
91 100
126 35.9 17.5 52.6

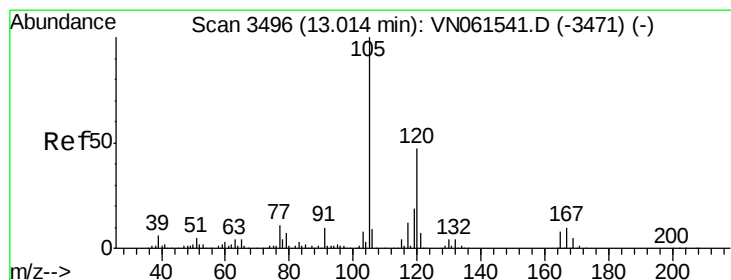
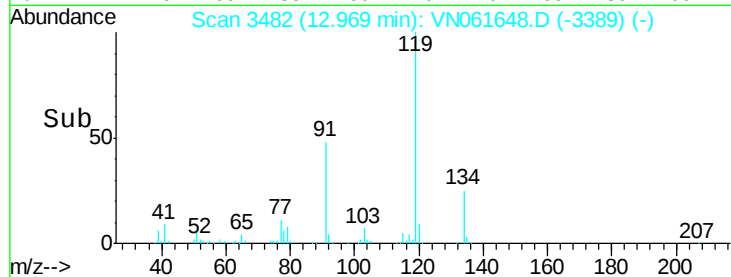
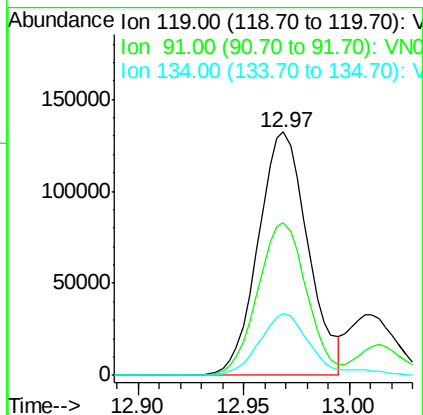
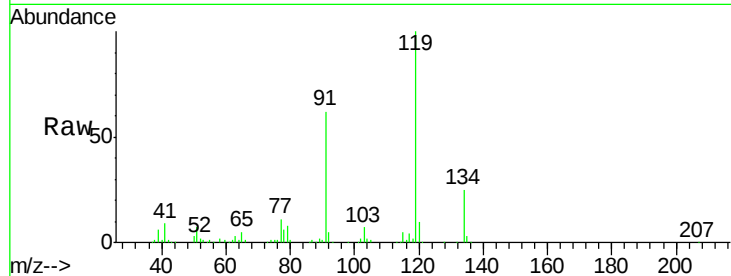




#83
 tert-Butylbenzene
 Concen: 17.969 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061648.D
 Acq: 4 Jun 2020 13:07

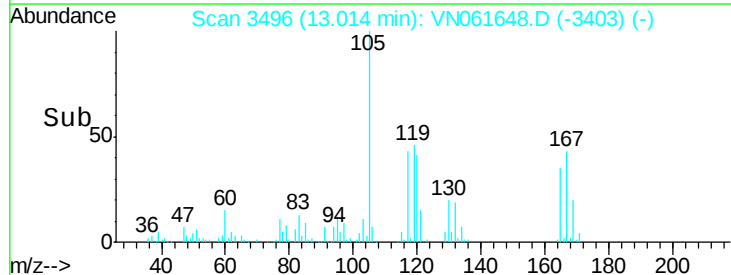
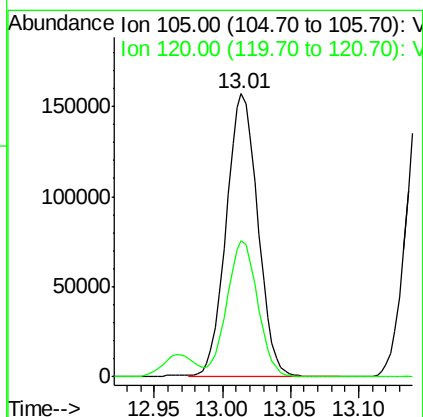
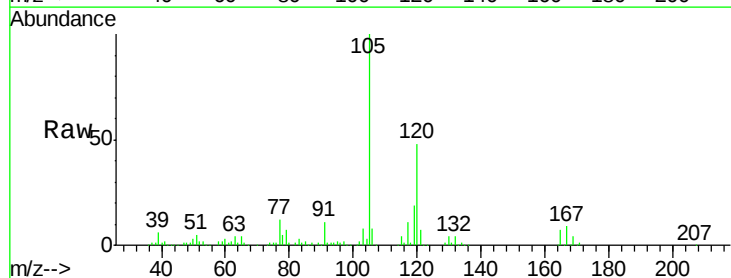
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604MBS01

Tot Ion:119 Resp: 216976
 Ion Ratio Lower Upper
 119 100
 91 61.7 31.3 93.8
 134 26.8 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 18.525 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061648.D
 Acq: 4 Jun 2020 13:07

Tgt Ion:105 Resp: 251513
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.2 69.5





#85

sec-Butylbenzene

Concen: 17.677 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

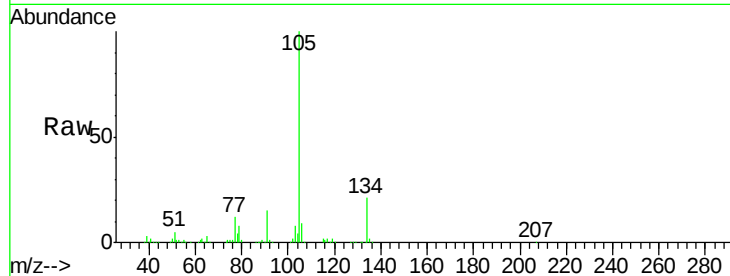
VN0604MBS01

Tot Ion:105 Resp: 275050

Ion Ratio Lower Upper

105 100

134 20.9 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

200000

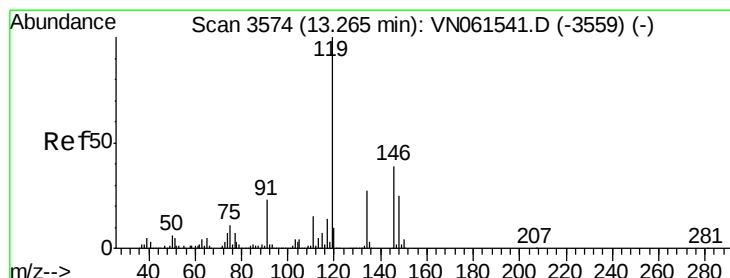
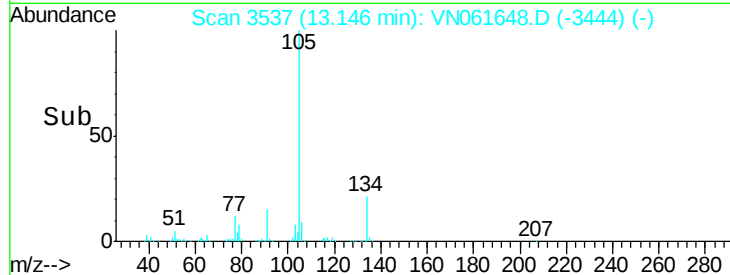
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 17.902 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

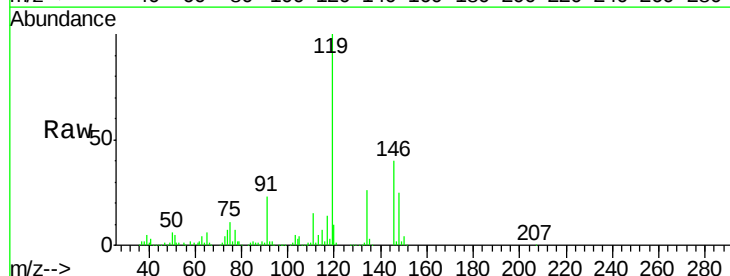
Tgt Ion:119 Resp: 256532

Ion Ratio Lower Upper

119 100

134 25.9 13.5 40.5

91 22.6 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

200000

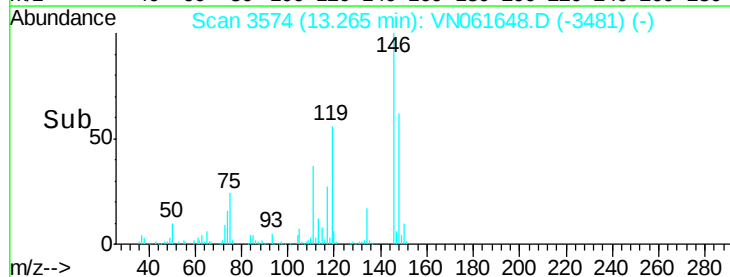
150000

100000

50000

0

Time-->

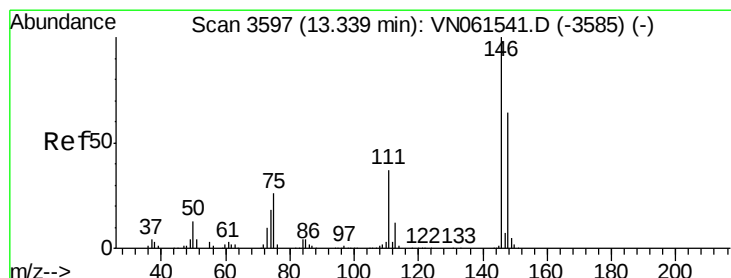
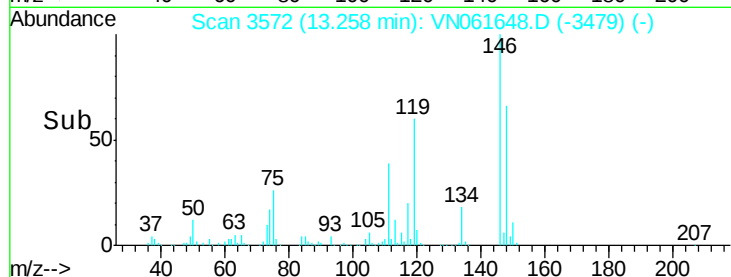
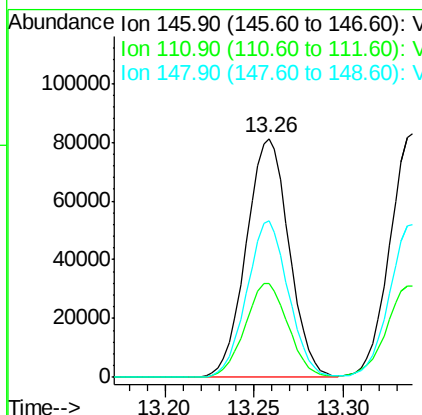
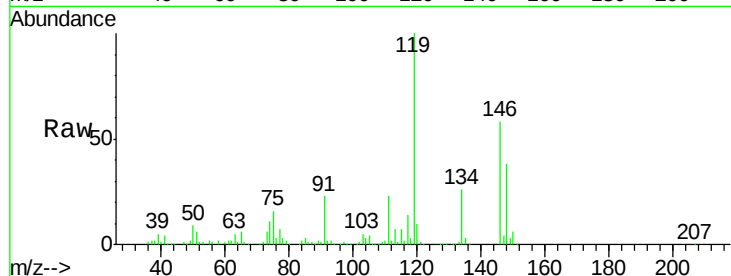




#87
 1,3-Dichlorobenzene
 Concen: 18.489 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061648.D
 Acq: 4 Jun 2020 13:07

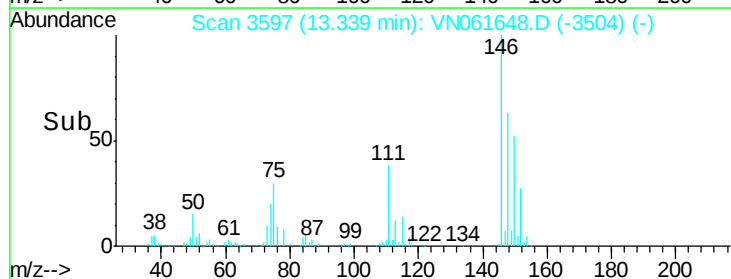
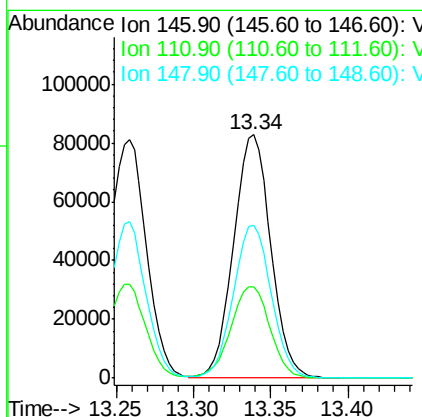
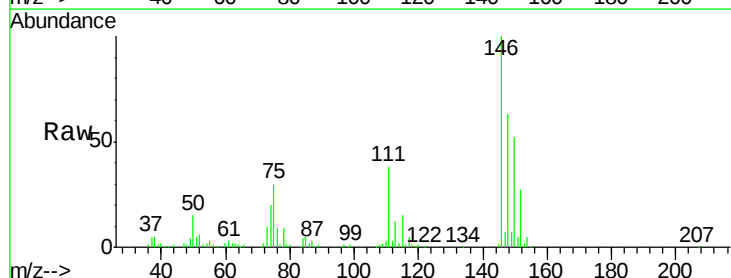
Instrument :
 MSVOA_N
 ClientSampled :
 VN0604MBS01

Tot Ion:146 Resp: 136654
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.2 57.6
 148 63.6 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 18.402 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061648.D
 Acq: 4 Jun 2020 13:07

Tgt Ion:146 Resp: 138559
 Ion Ratio Lower Upper
 146 100
 111 39.7 18.9 56.9
 148 63.5 31.8 95.3





#89

n-Butylbenzene

Concen: 17.147 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0604MBS01

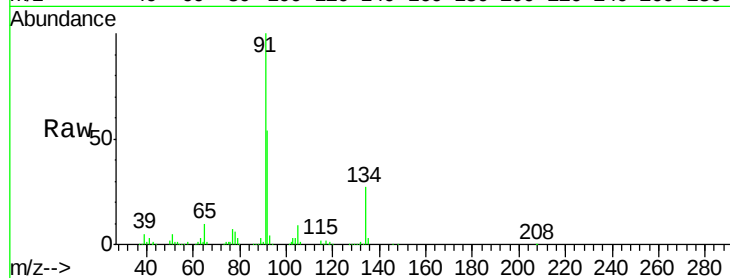
Tot Ion: 91 Resp: 205807

Ion Ratio Lower Upper

91 100

92 53.7 27.2 81.6

134 27.5 14.0 42.0



Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN061541.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN061541.D (-3661) (-)

13.59

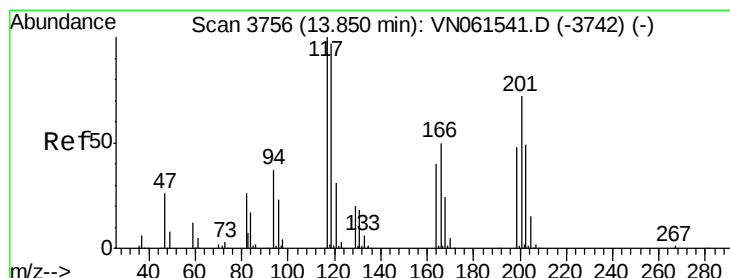
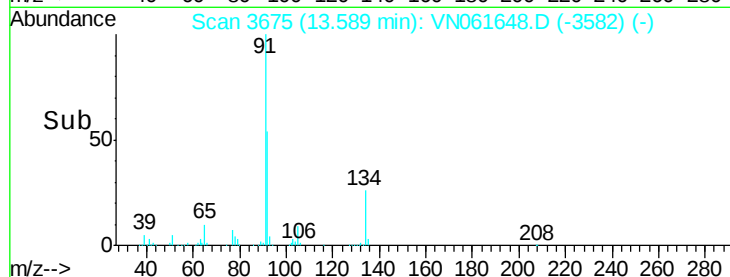
150000

100000

50000

0

Time-->



#90

Hexachloroethane

Concen: 21.181 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN061648.D

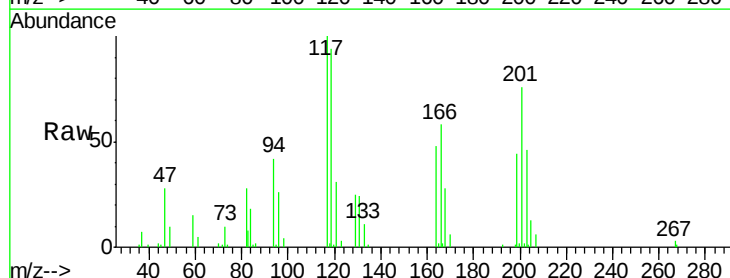
Acq: 4 Jun 2020 13:07

Tgt Ion: 117 Resp: 33566

Ion Ratio Lower Upper

117 100

201 75.1 36.7 110.1



Abundance Ion 116.80 (116.50 to 117.50): VN061541.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061541.D (-3742) (-)

13.85

20000

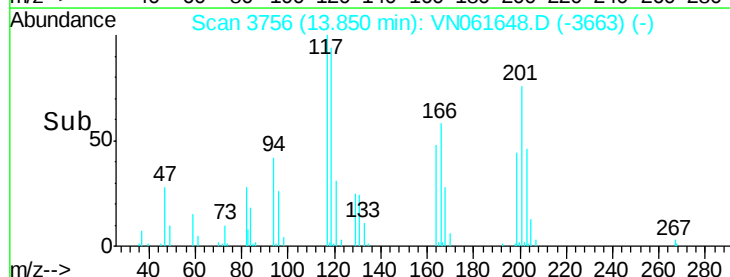
15000

10000

5000

0

Time-->





#91

1,2-Dichlorobenzene

Concen: 19.200 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

Instrument :

MSVOA_N

ClientSampled :

VN0604MBS01

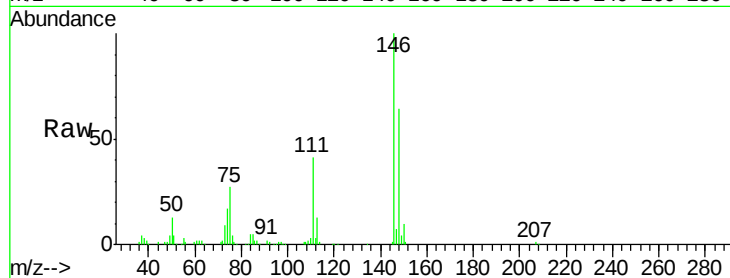
Tot Ion:146 Resp: 135617

Ion Ratio Lower Upper

146 100

111 39.1 20.1 60.2

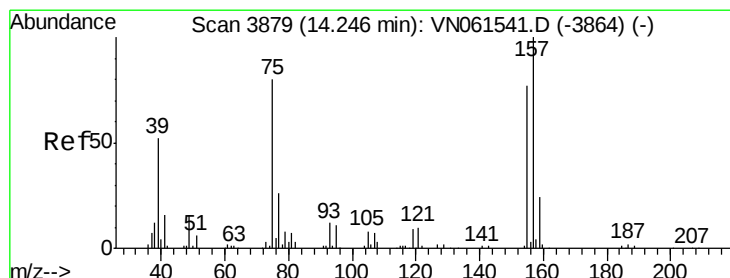
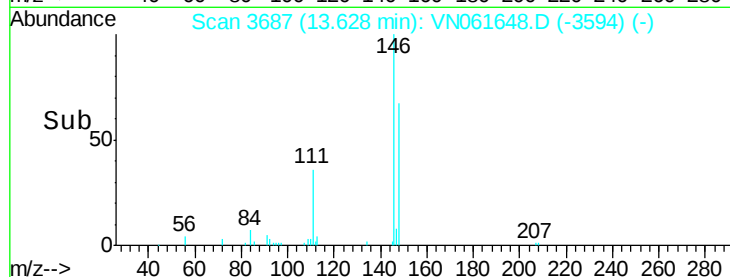
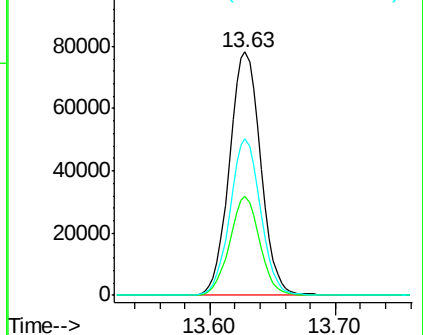
148 62.9 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.390 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

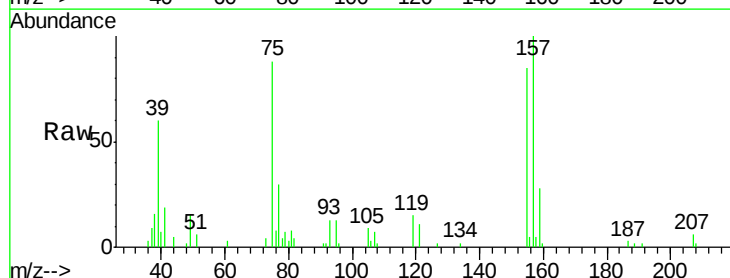
Tgt Ion: 75 Resp: 15317

Ion Ratio Lower Upper

75 100

155 90.8 47.1 141.4

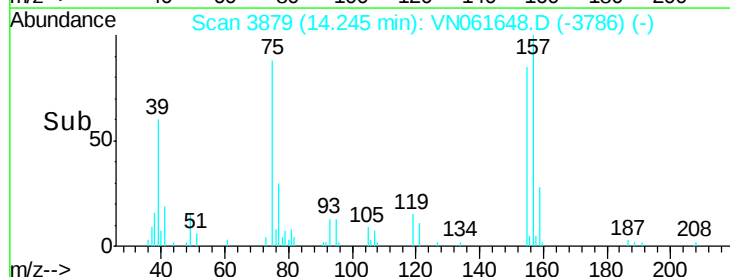
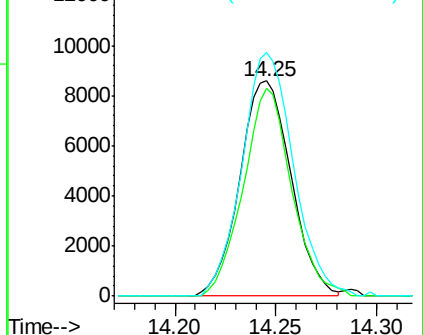
157 113.8 60.3 180.8



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

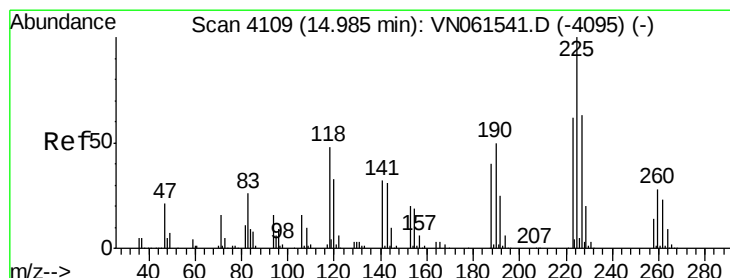
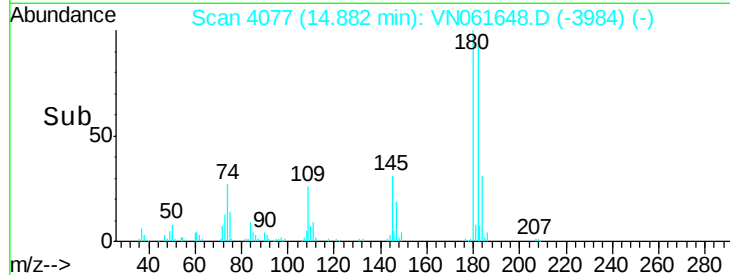
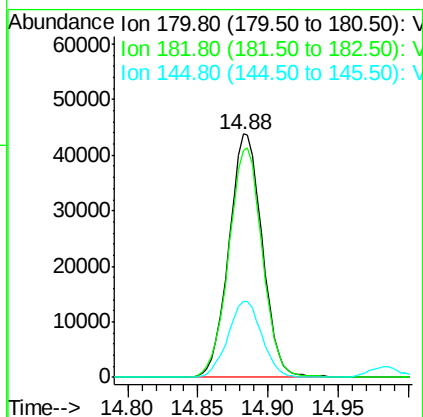
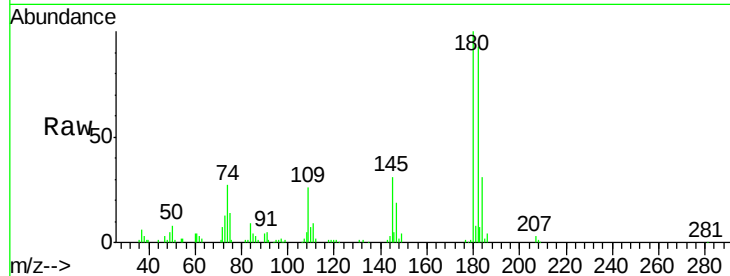




#93
 1,2,4-Trichlorobenzene
 Concen: 17.487 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061648.D
 Acq: 4 Jun 2020 13:07

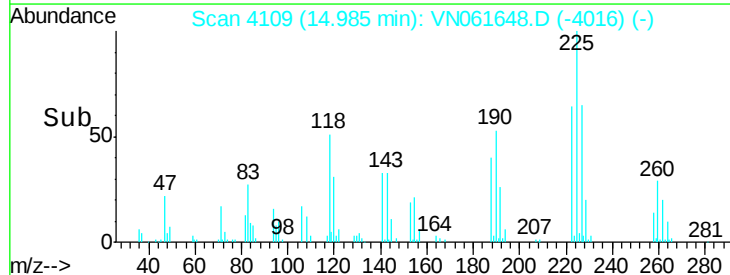
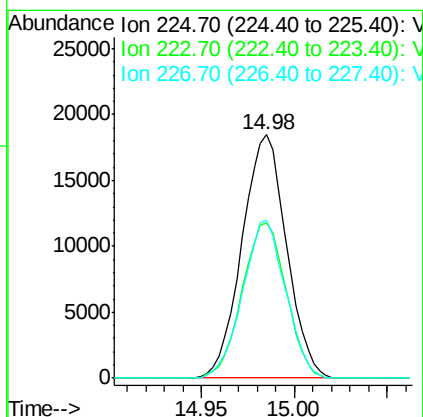
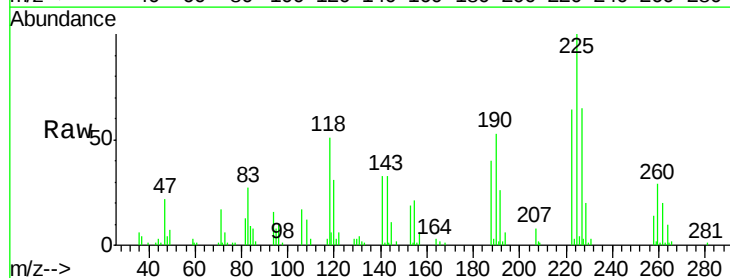
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604MBS01

Tot Ion:180 Resp: 72236
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.8 143.3
 145 31.9 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 17.415 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN061648.D
 Acq: 4 Jun 2020 13:07

Tgt Ion:225 Resp: 30681
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.9 95.5
 227 62.8 31.9 95.9





#95

Naphthalene

Concen: 16.947 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0604MBS01

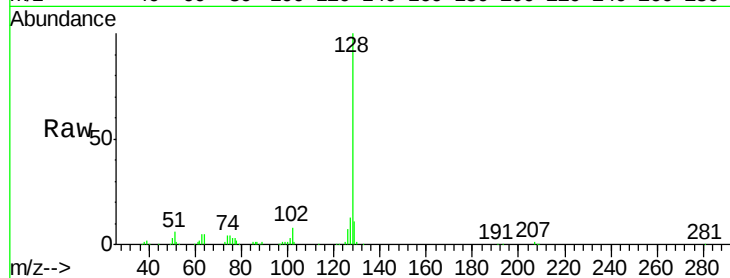
Tot Ion:128 Resp: 213076

Ion Ratio Lower Upper

128 100

127 12.5 10.0 15.0

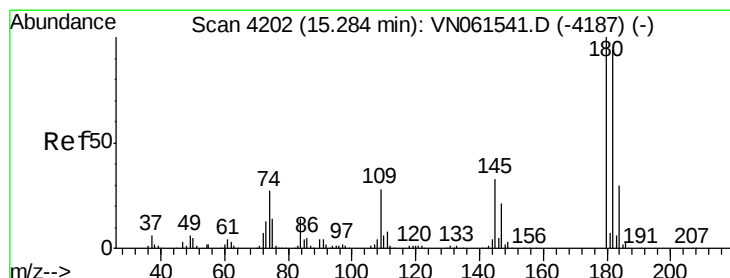
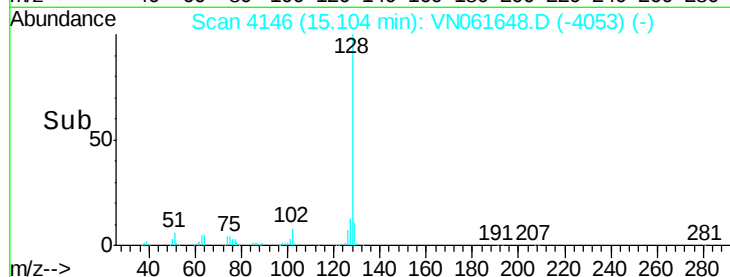
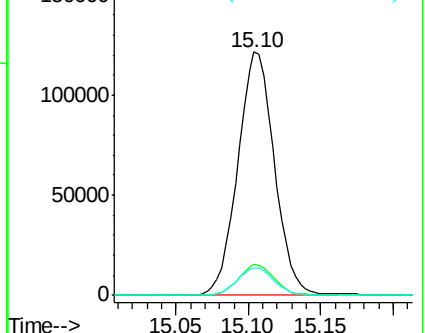
129 11.3 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.820 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN061648.D

Acq: 4 Jun 2020 13:07

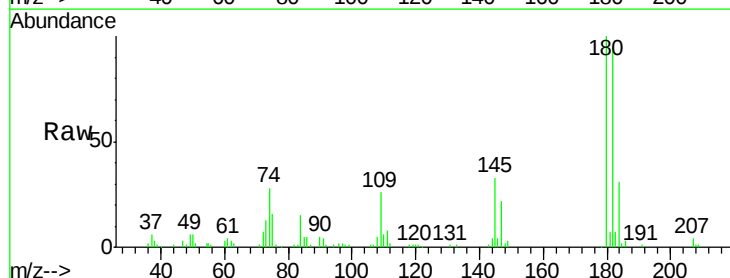
Tgt Ion:180 Resp: 72375

Ion Ratio Lower Upper

180 100

182 95.8 47.1 141.3

145 33.2 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

