

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060420\
 Data File : VN061647.D
 Acq On : 4 Jun 2020 12:33
 Operator : JC/MD
 Sample : VN0604WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604WBS01

Quant Time: Jun 05 07:43:53 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	315677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	515731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	484420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	237787	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	177937	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
35) Dibromofluoromethane	7.55	113	140766	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	
50) Toluene-d8	10.06	98	594108	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
62) 4-Bromofluorobenzene	12.38	95	212758	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	65627	18.740	ug/l	99
3) Chloromethane	2.03	50	69245	17.985	ug/l	98
4) Vinyl Chloride	2.16	62	93875	17.792	ug/l	99
5) Bromomethane	2.54	94	59370	19.610	ug/l	99
6) Chloroethane	2.67	64	60554	17.830	ug/l	99
7) Trichlorofluoromethane	2.98	101	126723	18.625	ug/l	98
8) Diethyl Ether	3.37	74	34742	16.699	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	56479	18.706	ug/l	99
10) Methyl Iodide	3.91	142	74420	17.756	ug/l	100
11) Tert butyl alcohol	4.73	59	48599	97.146	ug/l #	87
12) 1,1-Dichloroethene	3.69	96	55605	17.238	ug/l	96
13) Acrolein	3.57	56	14231	76.991	ug/l	96
14) Allyl chloride	4.27	41	67869	16.094	ug/l	96
15) Acrylonitrile	4.93	53	118685	84.996	ug/l	99
16) Acetone	3.77	43	96711	89.315	ug/l	99
17) Carbon Disulfide	4.01	76	131271	18.497	ug/l	99
18) Methyl Acetate	4.28	43	58511	17.185	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	186241	16.941	ug/l	96
20) Methylene Chloride	4.50	84	64750	17.821	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	63273	17.394	ug/l	94
22) Diisopropyl ether	5.90	45	161519	17.378	ug/l	98
23) Vinyl Acetate	5.84	43	588697	79.468	ug/l	98
24) 1,1-Dichloroethane	5.80	63	103051	17.484	ug/l	100
25) 2-Butanone	6.78	43	142385	79.880	ug/l	97
26) 2,2-Dichloropropane	6.77	77	98275	18.218	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	74274	18.031	ug/l	100
28) Bromochloromethane	7.15	49	42372	18.264	ug/l	98
29) Tetrahydrofuran	7.17	42	95988	81.664	ug/l	99
30) Chloroform	7.33	83	116766	17.908	ug/l	96
31) Cyclohexane	7.61	56	90436	17.061	ug/l #	94
32) 1,1,1-Trichloroethane	7.53	97	106401	17.908	ug/l	99
36) 1,1-Dichloropropene	7.75	75	82652	18.103	ug/l	98
37) Ethyl Acetate	6.88	43	64797	17.621	ug/l	98
38) Carbon Tetrachloride	7.73	117	83384	18.934	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	97910	17.399	ug/l	97
40) Benzene	8.00	78	262921	18.664	ug/l	98
41) Methacrylonitrile	7.13	41	27509m	16.328	ug/l	
42) 1,2-Dichloroethane	8.08	62	85830	18.199	ug/l	100
43) Isopropyl Acetate	8.12	43	107777	16.291	ug/l #	91
44) Trichloroethene	8.80	130	78807	18.203	ug/l	97
45) 1,2-Dichloropropane	9.08	63	60933	18.216	ug/l	99
46) Dibromomethane	9.17	93	45942	17.908	ug/l	98
47) Bromodichloromethane	9.37	83	92535	18.206	ug/l	98
48) Methyl methacrylate	9.17	41	45674	15.345	ug/l	98
49) 1,4-Dioxane	9.17	88	20492	444.398	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	308224	82.674	ug/l	99
52) Toluene	10.12	92	171523	18.655	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	94774	17.309	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	104146	17.690	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	66741	18.220	ug/l	100
56) Ethyl methacrylate	10.40	69	86508	16.906	ug/l	99
57) 1,3-Dichloropropane	10.68	76	107486	18.347	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	174972	80.016	ug/l	100
59) 2-Hexanone	10.72	43	215424	80.458	ug/l	99
60) Dibromochloromethane	10.87	129	73625	17.680	ug/l	99
61) 1,2-Dibromoethane	10.98	107	69378	18.160	ug/l	100
64) Tetrachloroethene	10.60	164	84950	18.630	ug/l	98
65) Chlorobenzene	11.41	112	188326	18.703	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	69809	18.619	ug/l	100
67) Ethyl Benzene	11.48	91	322063	18.505	ug/l	100
68) m/p-Xylenes	11.60	106	256479	37.167	ug/l	99
69) o-Xylene	11.92	106	120145	18.331	ug/l	100
70) Styrene	11.94	104	193033	17.784	ug/l	98
71) Bromoform	12.10	173	48754	16.875	ug/l #	96
73) Isopropylbenzene	12.22	105	317725	18.307	ug/l	99
74) N-amyl acetate	12.04	43	85266	15.600	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	84162	17.305	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	79328m	18.346	ug/l	
77) Bromobenzene	12.50	156	81782	18.461	ug/l	97
78) n-propylbenzene	12.56	91	352733	18.205	ug/l	99
79) 2-Chlorotoluene	12.65	91	204663	17.715	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	262573	18.101	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	26246	15.523	ug/l	98
82) 4-Chlorotoluene	12.75	91	218031	17.939	ug/l	99
83) tert-Butylbenzene	12.97	119	226364	17.662	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	260932	18.107	ug/l	97
85) sec-Butylbenzene	13.15	105	288404	17.463	ug/l	98
86) p-Isopropyltoluene	13.26	119	267310	17.576	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	141705	18.064	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	143136	17.911	ug/l	98
89) n-Butylbenzene	13.59	91	214508	16.839	ug/l	99
90) Hexachloroethane	13.85	117	34830	20.707	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	139167	18.563	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	14605	14.724	ug/l	96

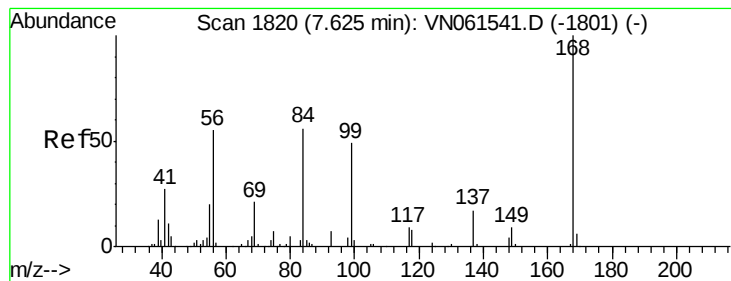
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	72635	16.566	ug/l	99
94) Hexachlorobutadiene	14.98	225	31365	16.773	ug/l	99
95) Naphthalene	15.10	128	211902	15.878	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	73781	17.115	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: VN061647.D

Acq: 4 Jun 2020 12:33

Instrument :

MSVOA_N

ClientSampled :

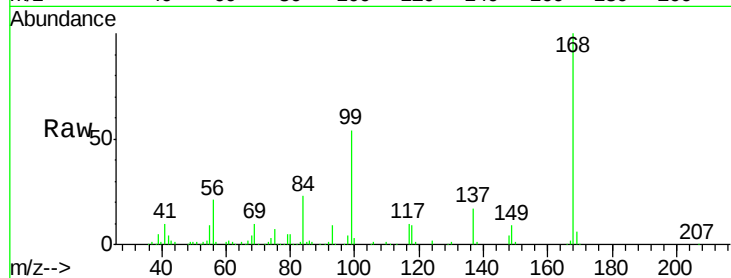
VN0604WBS01

Tot Ion:168 Resp: 315677

Ion Ratio Lower Upper

168 100

99 54.0 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

150000

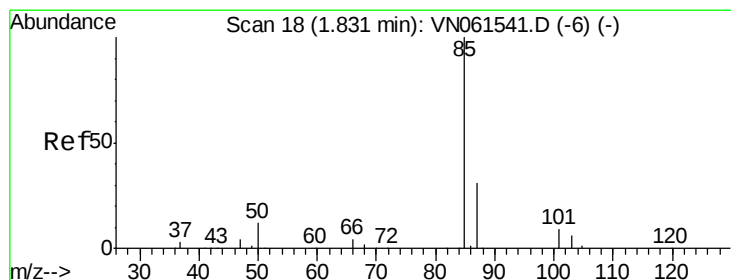
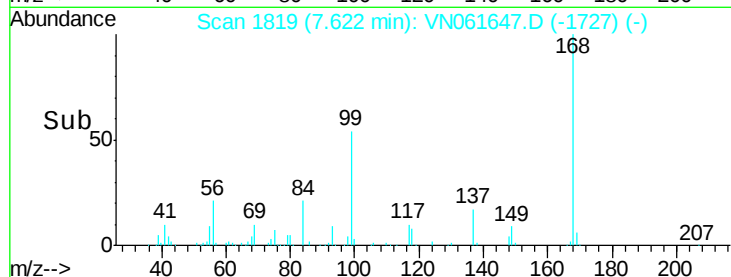
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.740 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061647.D

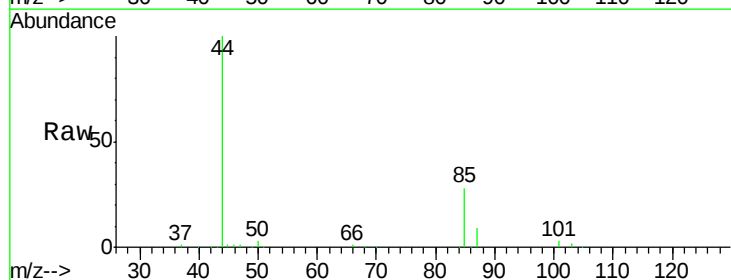
Acq: 4 Jun 2020 12:33

Tgt Ion: 85 Resp: 65627

Ion Ratio Lower Upper

85 100

87 31.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

50000

40000

30000

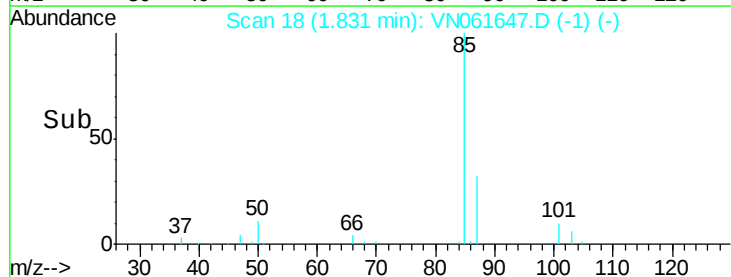
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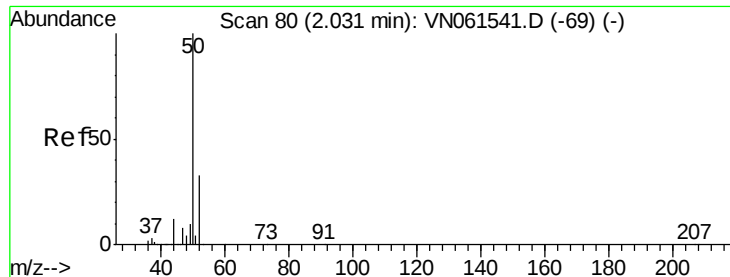
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 17.985 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

Instrument :

MSVOA_N

ClientSampleId :

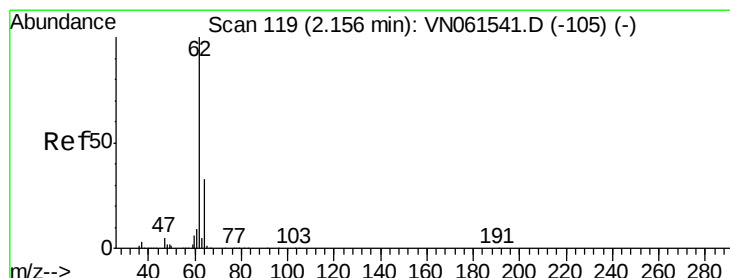
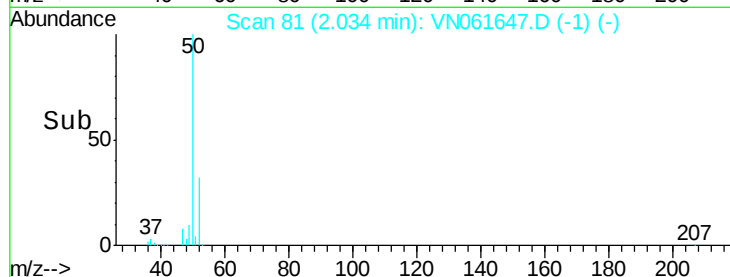
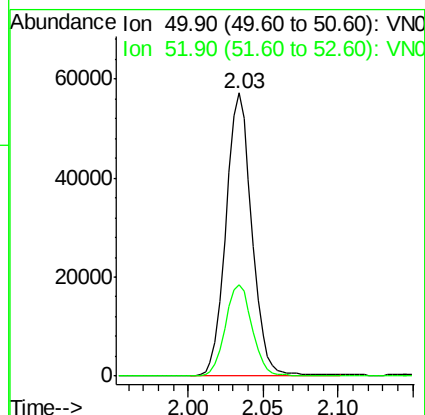
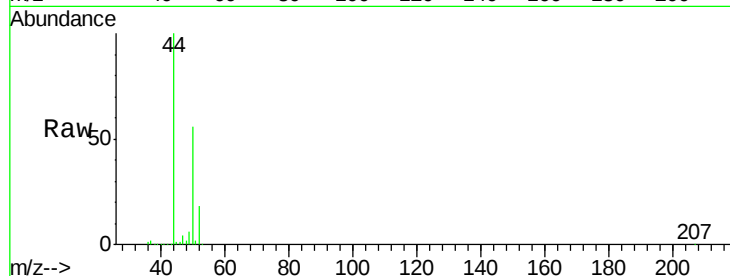
VN0604WBS01

Tot Ion: 50 Resp: 69245

Ion Ratio Lower Upper

50 100

52 32.4 26.7 40.1



#4

Vinyl Chloride

Concen: 17.792 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061647.D

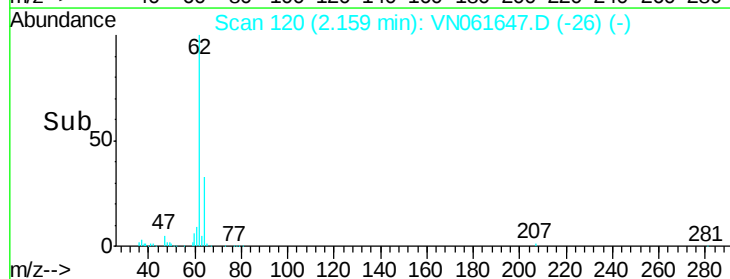
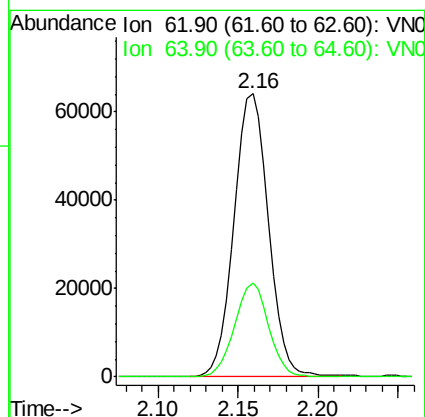
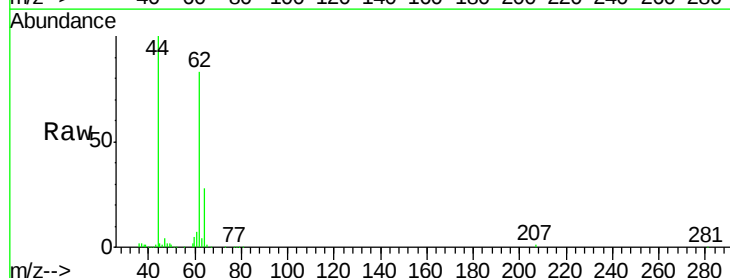
Acq: 4 Jun 2020 12:33

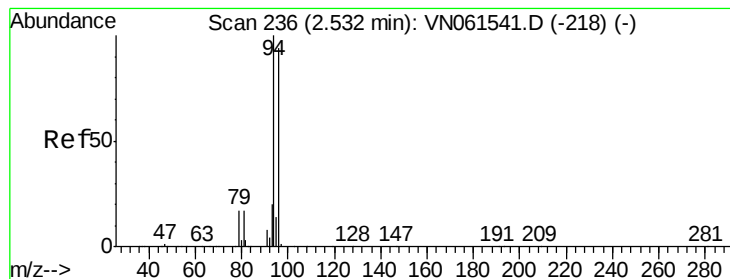
Tgt Ion: 62 Resp: 93875

Ion Ratio Lower Upper

62 100

64 33.2 26.2 39.2





#5

Bromomethane

Concen: 19.610 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.01 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

Instrument :

MSVOA_N

ClientSampleId :

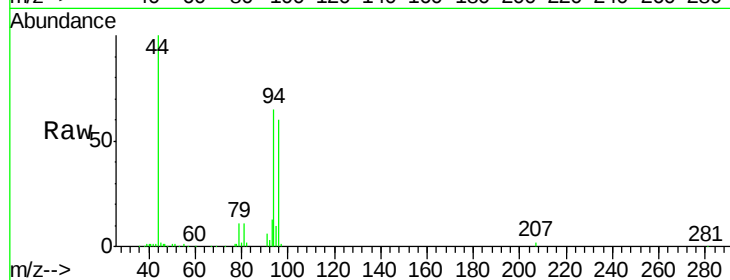
VN0604WBS01

Tot Ion: 94 Resp: 59370

Ion Ratio Lower Upper

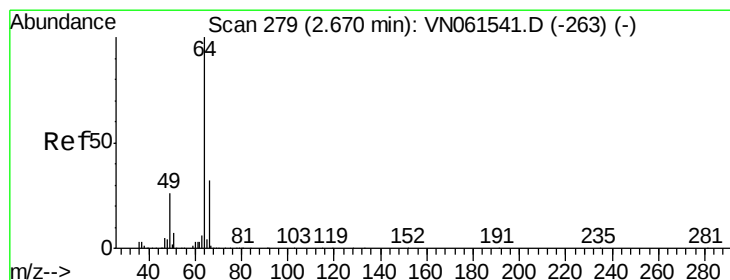
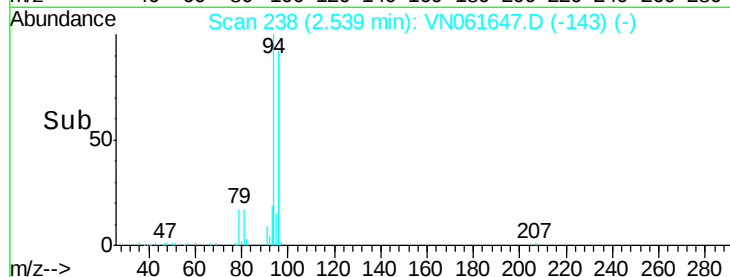
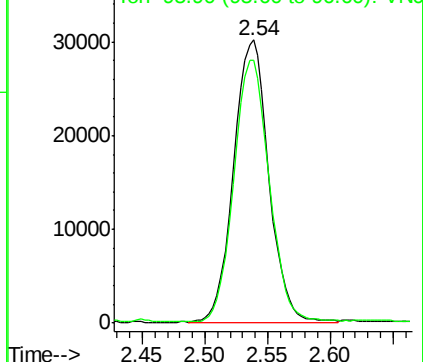
94 100

96 92.1 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 17.830 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN061647.D

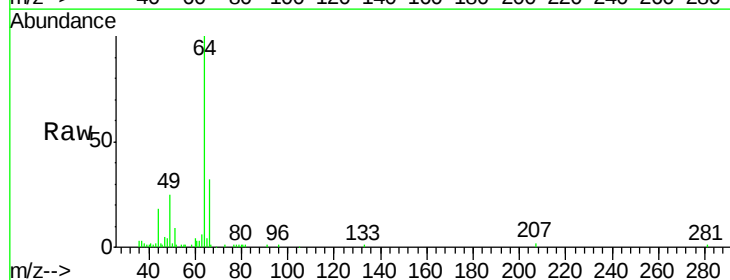
Acq: 4 Jun 2020 12:33

Tgt Ion: 64 Resp: 60554

Ion Ratio Lower Upper

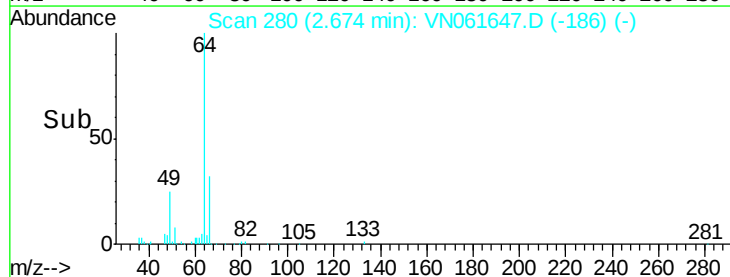
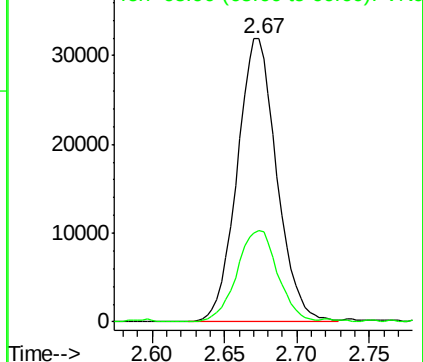
64 100

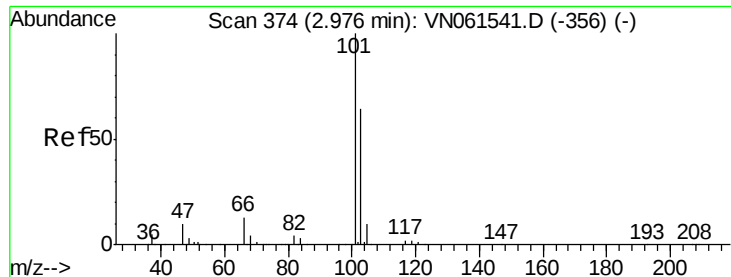
66 32.3 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO



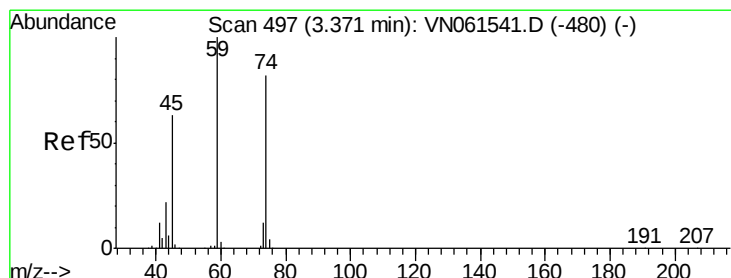
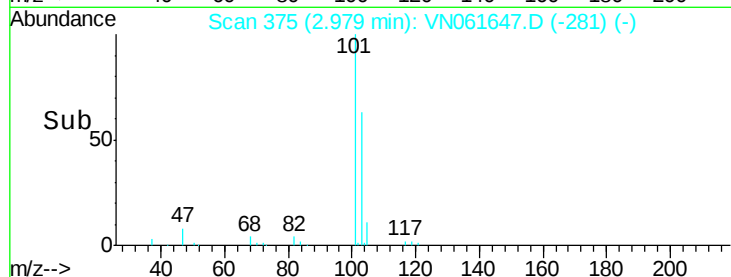
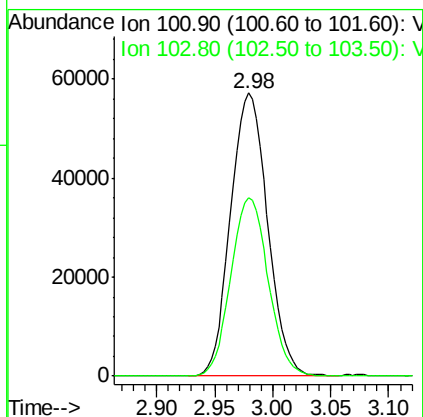
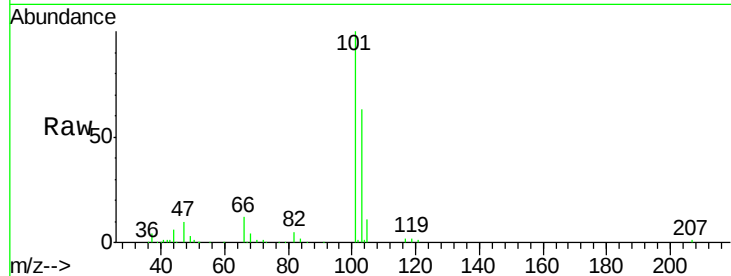


#7

Trichlorofluoromethane
 Concen: 18.625 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN061647.D
 Acq: 4 Jun 2020 12:33

Instrument :
 MSVOA_N
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 VN0604WBS01

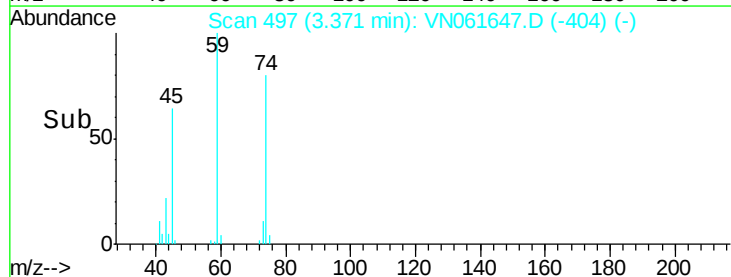
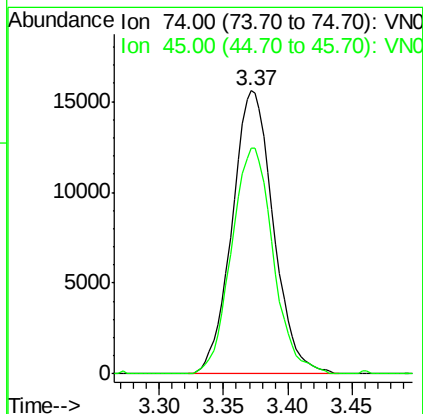
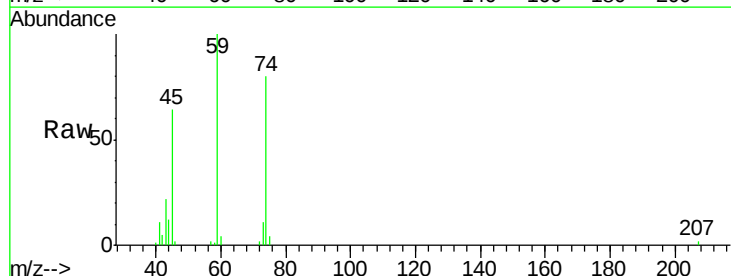
Tot Ion:101 Resp: 126723
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.4 77.2

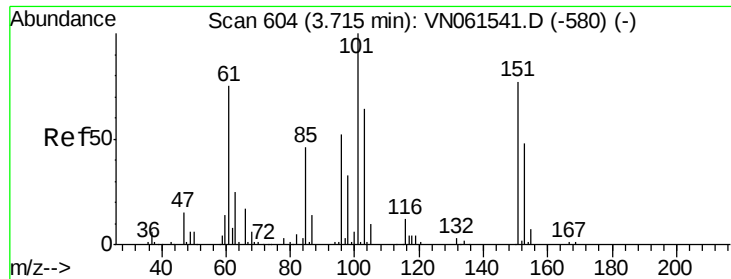


#8

Diethyl Ether
 Concen: 16.699 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN061647.D
 Acq: 4 Jun 2020 12:33

Tgt Ion: 74 Resp: 34742
 Ion Ratio Lower Upper
 74 100
 45 80.3 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.706 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0604WBS01

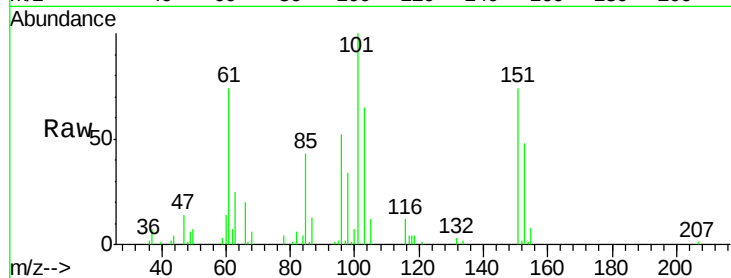
Tot Ion:101 Resp: 56479

Ion Ratio Lower Upper

101 100

85 43.7 35.2 52.8

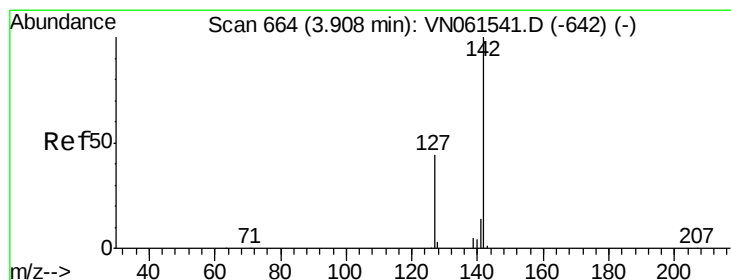
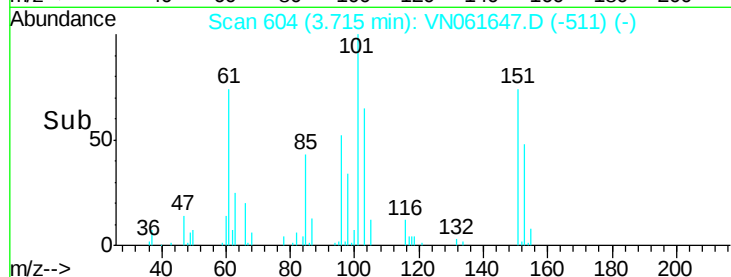
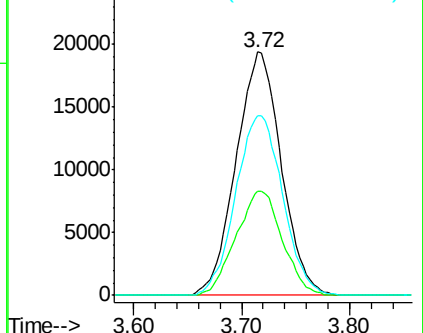
151 77.1 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.756 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

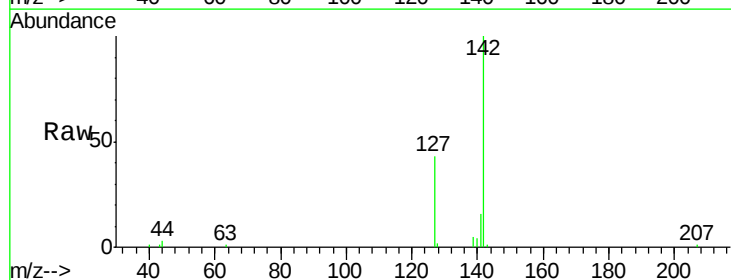
Tgt Ion:142 Resp: 74420

Ion Ratio Lower Upper

142 100

127 44.2 35.5 53.3

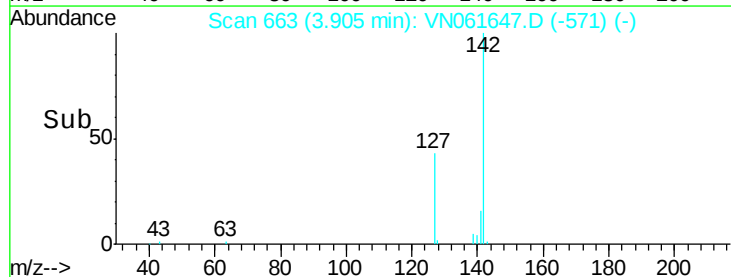
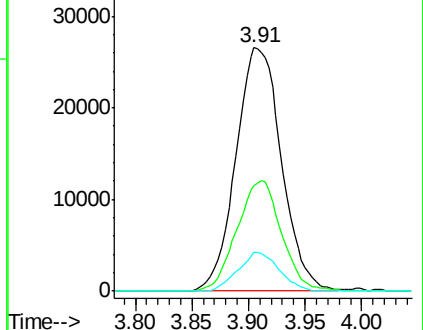
141 14.3 11.5 17.3

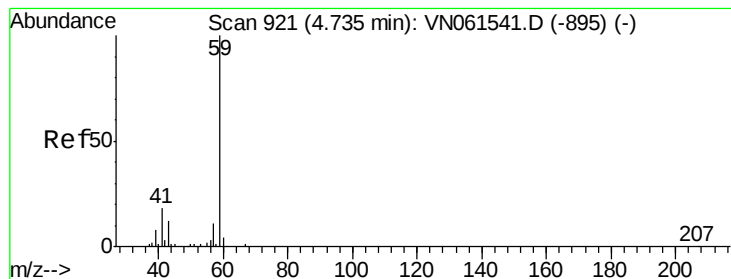


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 97.146 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

Instrument :

MSVOA_N

ClientSampled :

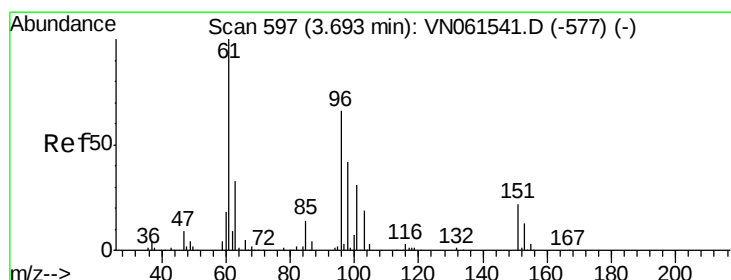
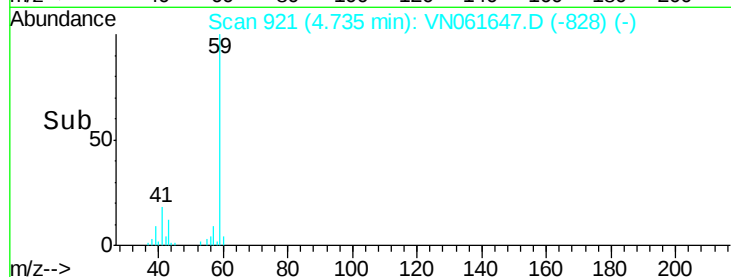
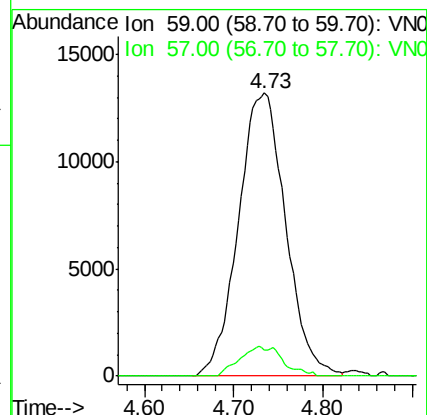
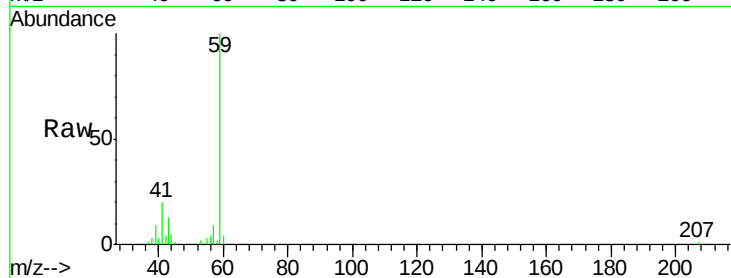
VN0604WBS01

Tot Ion: 59 Resp: 48599

Ion Ratio Lower Upper

59 100

57 5.5 8.4 12.6#



#12

1,1-Dichloroethene

Concen: 17.238 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

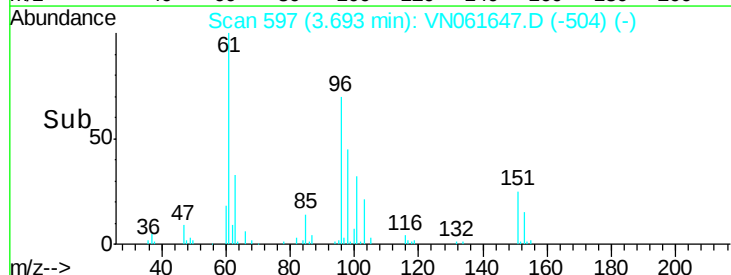
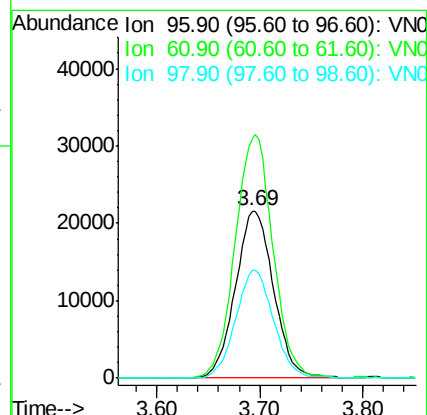
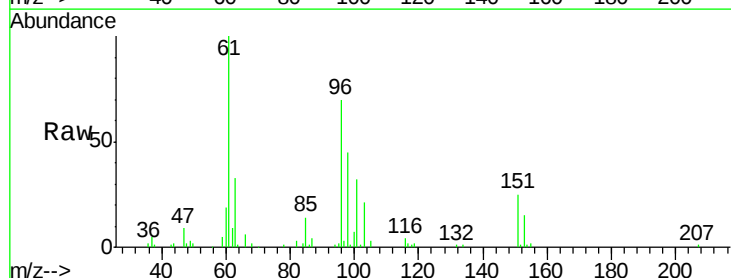
Tgt Ion: 96 Resp: 55605

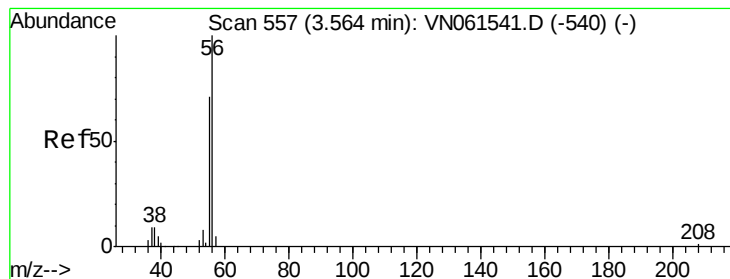
Ion Ratio Lower Upper

96 100

61 143.5 120.5 180.7

98 64.4 50.8 76.2





#13

Acrolein

Concen: 76.991 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

Instrument :

MSVOA_N

ClientSampleId :

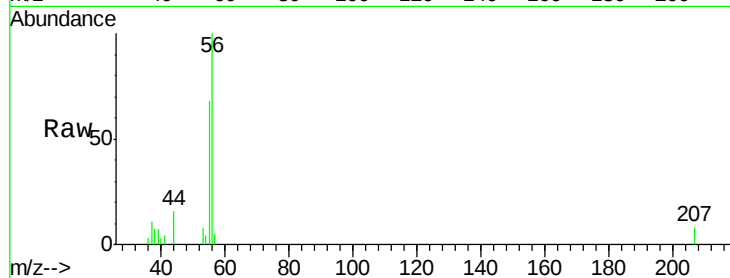
VN0604WBS01

Tot Ion: 56 Resp: 14231

Ion Ratio Lower Upper

56 100

55 69.0 58.0 87.0

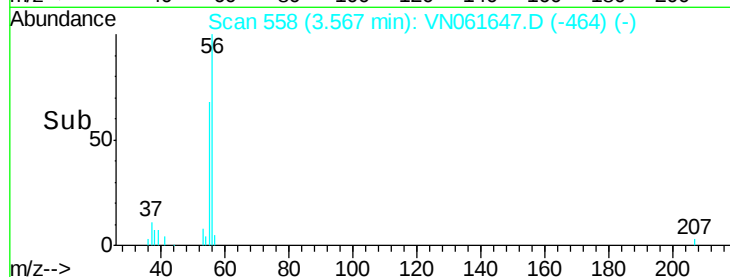


Abundance Ion 56.00 (55.70 to 56.70): VN061541.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN061541.D (-540) (-)

3.57

Time-->

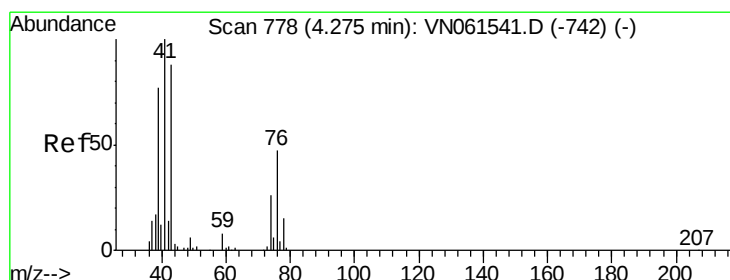


Abundance Ion 56.00 (55.70 to 56.70): VN061647.D (-464) (-)

Ion 55.00 (54.70 to 55.70): VN061647.D (-464) (-)

3.57

Time-->



#14

Allyl chloride

Concen: 16.094 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

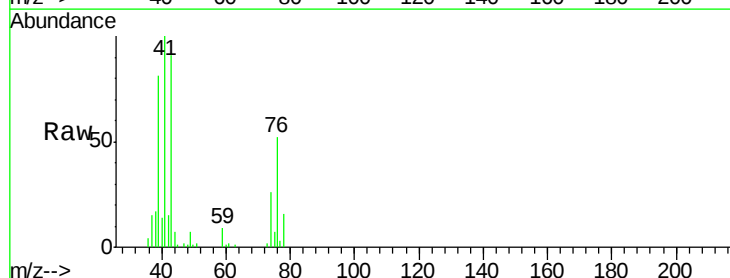
Tgt Ion: 41 Resp: 67869

Ion Ratio Lower Upper

41 100

39 75.4 58.6 88.0

76 46.5 34.2 51.4



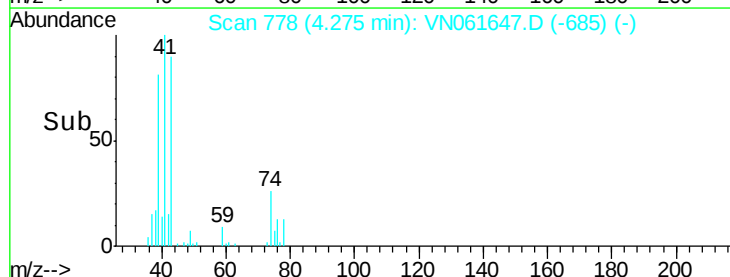
Abundance Ion 41.00 (40.70 to 41.70): VN061541.D (-742) (-)

Ion 39.00 (38.70 to 39.70): VN061541.D (-742) (-)

Ion 75.90 (75.60 to 76.60): VN061541.D (-742) (-)

4.27

Time-->



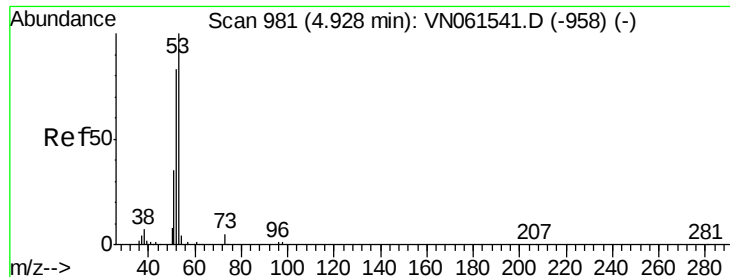
Abundance Ion 41.00 (40.70 to 41.70): VN061647.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN061647.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN061647.D (-685) (-)

4.27

Time-->



#15

Acrylonitrile

Concen: 84.996 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0604WBS01

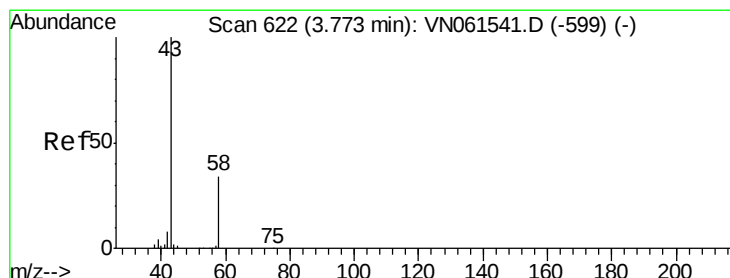
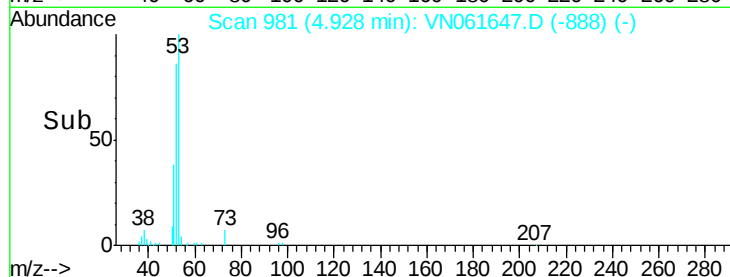
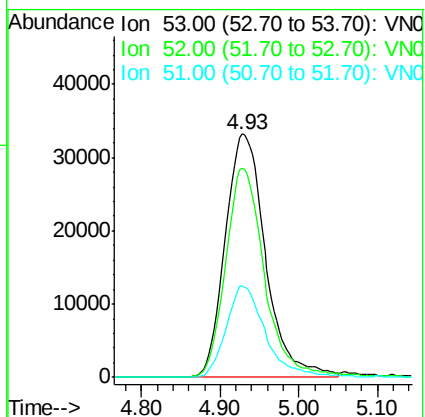
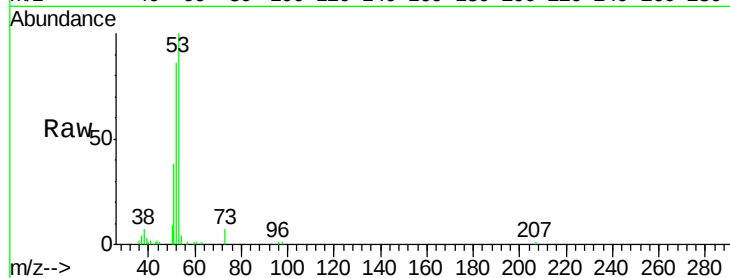
Tot Ion: 53 Resp: 118685

Ion Ratio Lower Upper

53 100

52 82.4 65.4 98.2

51 36.7 29.0 43.6



#16

Acetone

Concen: 89.315 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061647.D

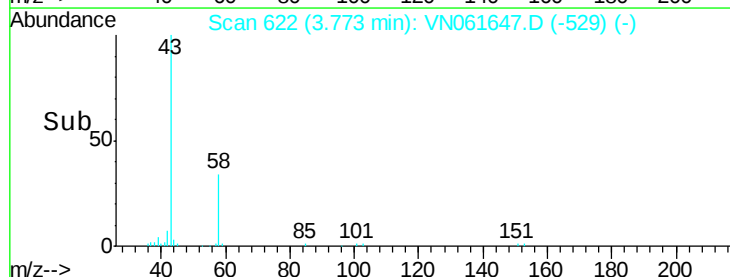
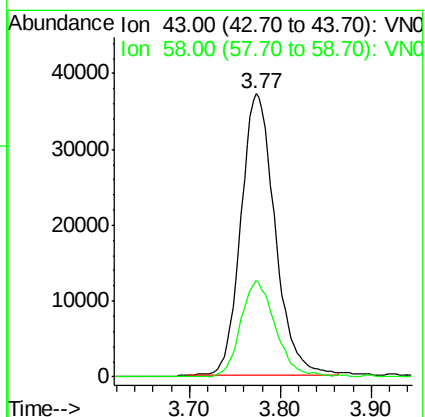
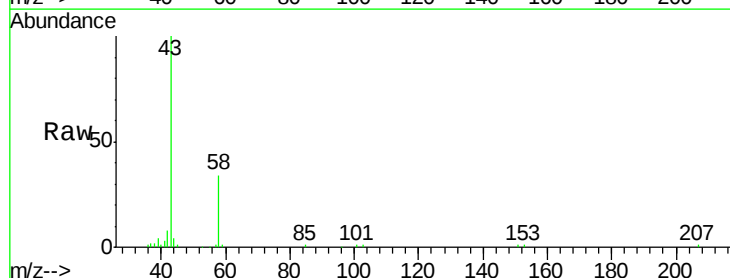
Acq: 4 Jun 2020 12:33

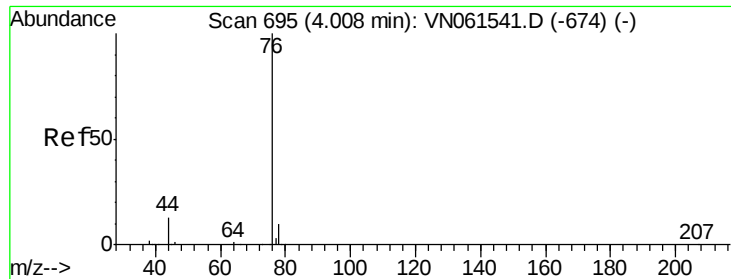
Tgt Ion: 43 Resp: 96711

Ion Ratio Lower Upper

43 100

58 34.3 27.2 40.8

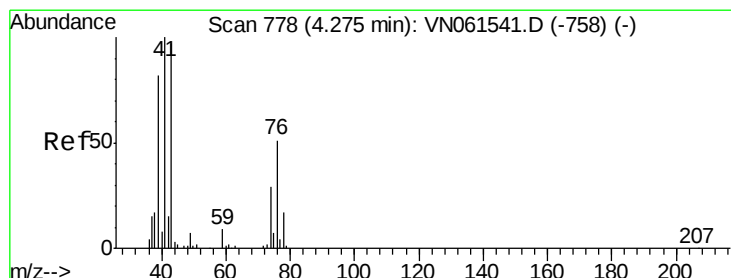
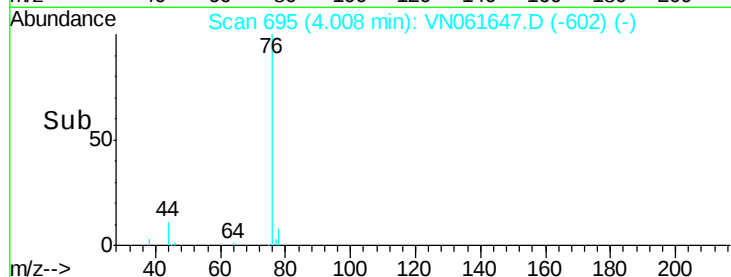
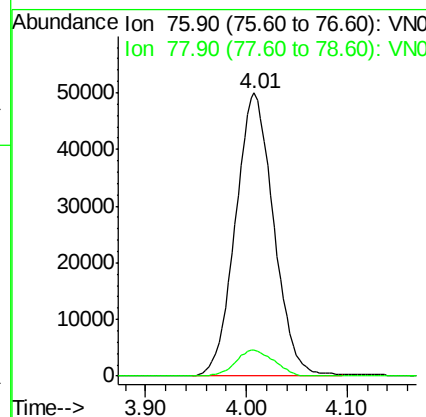
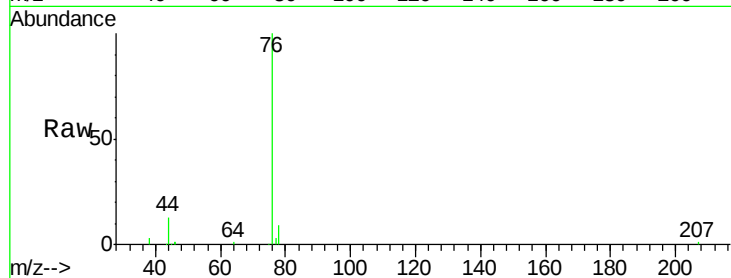




#17
Carbon Disulfide
Concen: 18.497 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN061647.D
Acq: 4 Jun 2020 12:33

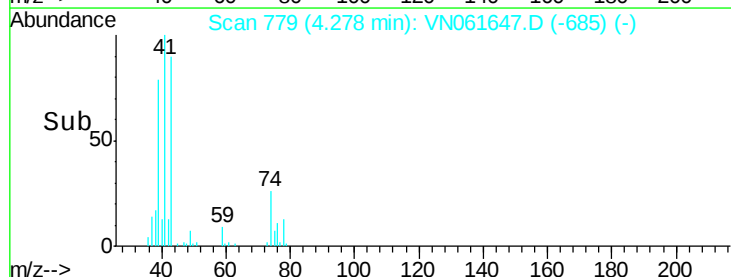
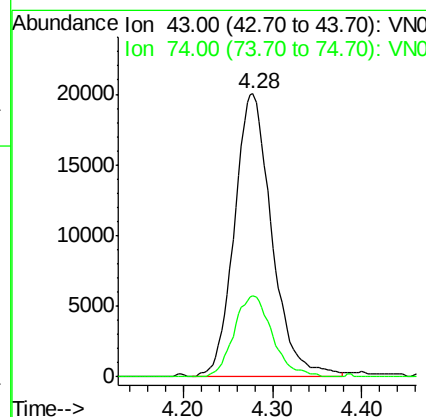
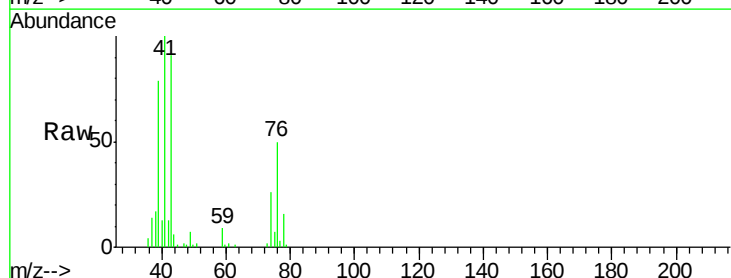
Instrument :
MSVOA_N
ClientSampled :
VN0604WBS01

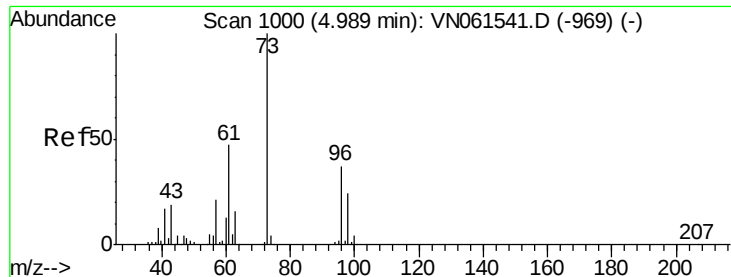
Tot Ion: 76 Resp: 131271
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.6



#18
Methyl Acetate
Concen: 17.185 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061647.D
Acq: 4 Jun 2020 12:33

Tgt Ion: 43 Resp: 58511
Ion Ratio Lower Upper
43 100
74 29.2 23.2 34.8

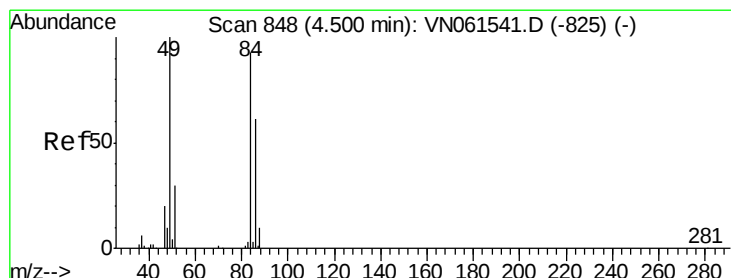
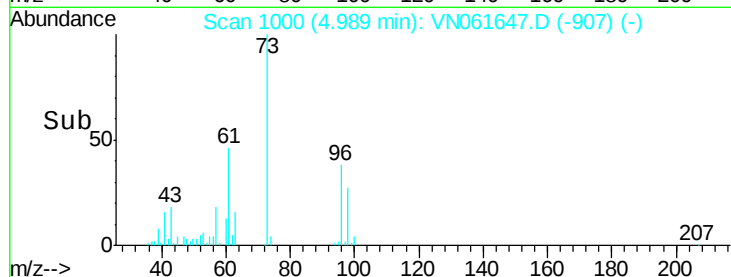
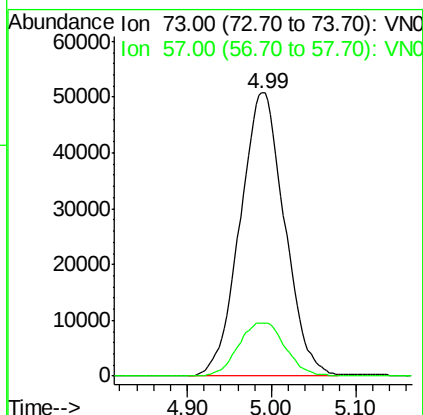
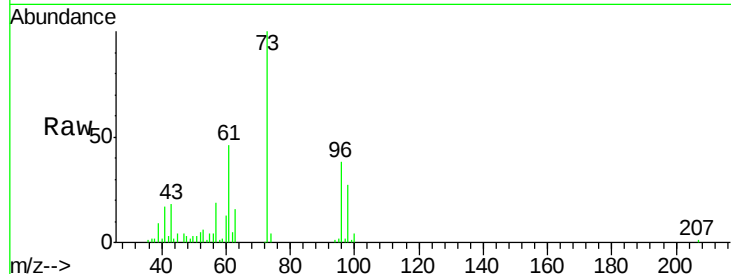




#19
Methvl tert-butvl Ether
Concen: 16.941 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN061647.D
Acq: 4 Jun 2020 12:33

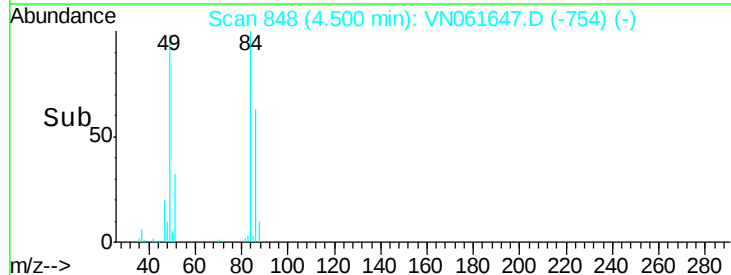
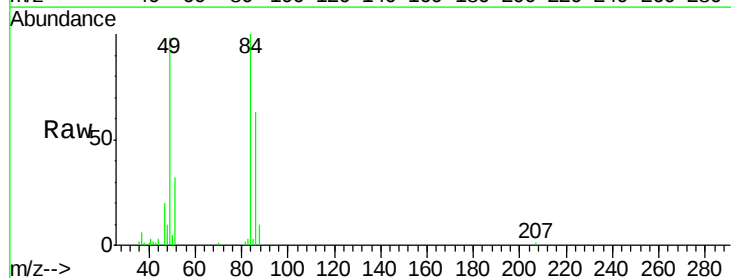
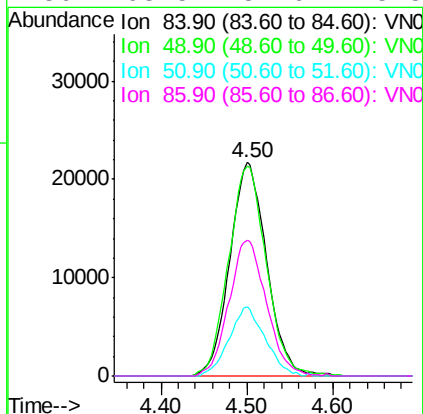
Instrument :
MSVOA_N
ClientSampleId :
VN0604WBS01

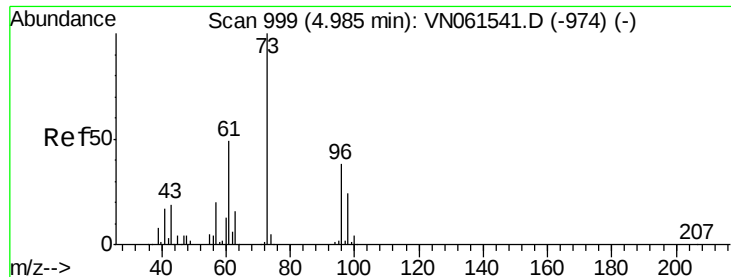
Tot Ion: 73 Resp: 186241
Ion Ratio Lower Upper
73 100
57 18.8 16.4 24.6



#20
Methylene Chloride
Concen: 17.821 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN061647.D
Acq: 4 Jun 2020 12:33

Tgt Ion: 84 Resp: 64750
Ion Ratio Lower Upper
84 100
49 98.3 85.8 128.8
51 32.5 26.2 39.2
86 63.5 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 17.394 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0604WBS01

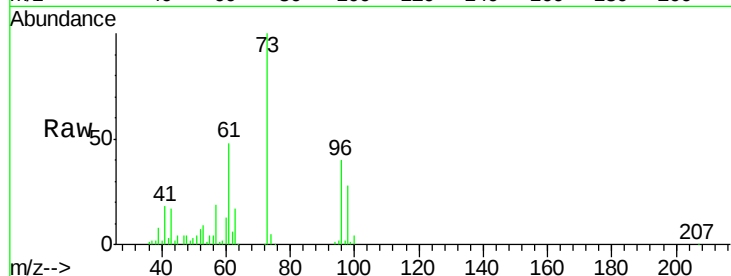
Tot Ion: 96 Resp: 63273

Ion Ratio Lower Upper

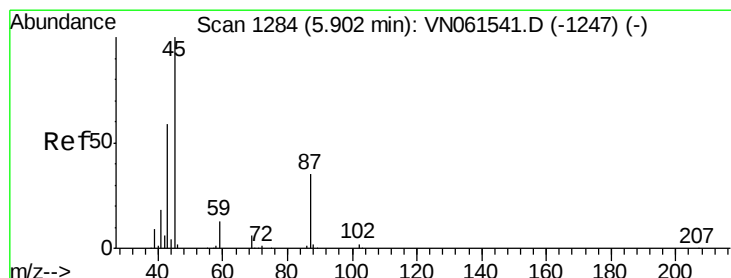
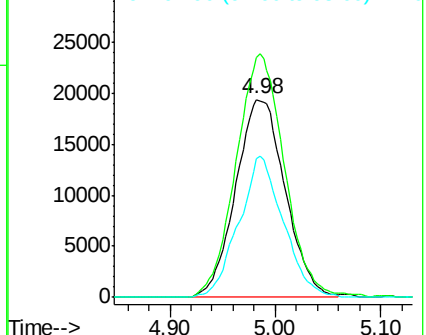
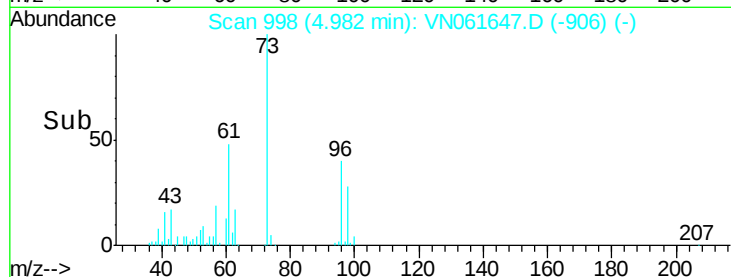
96 100

61 120.9 101.4 152.0

98 69.7 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN061647.D (-906) (-)



#22

Diisopropyl ether

Concen: 17.378 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

Tgt Ion: 45 Resp: 161519

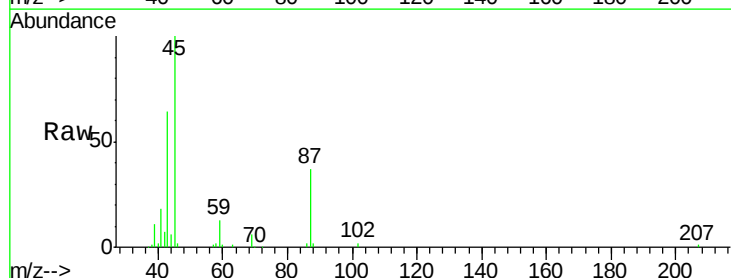
Ion Ratio Lower Upper

45 100

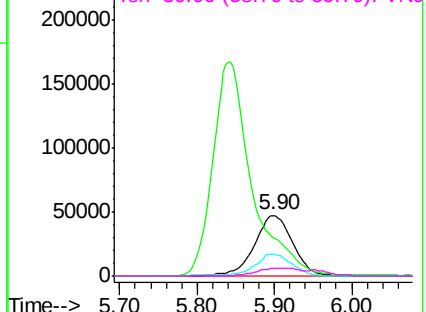
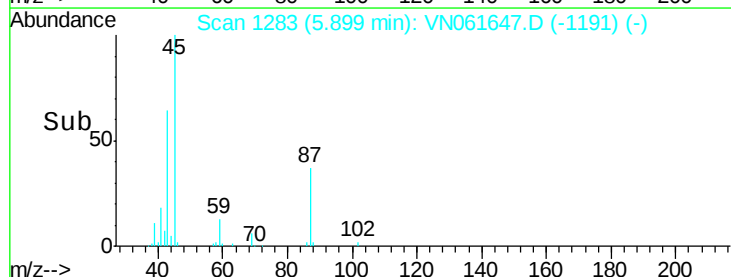
43 61.4 47.9 71.9

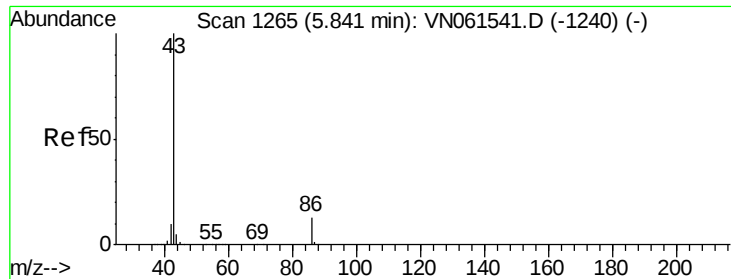
87 36.6 28.4 42.6

59 13.4 10.5 15.7



Abundance Ion 45.00 (44.70 to 45.70): VN061647.D (-1191) (-)





#23

Vinyl Acetate

Concen: 79.468 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

Instrument :

MSVOA_N

ClientSampleId :

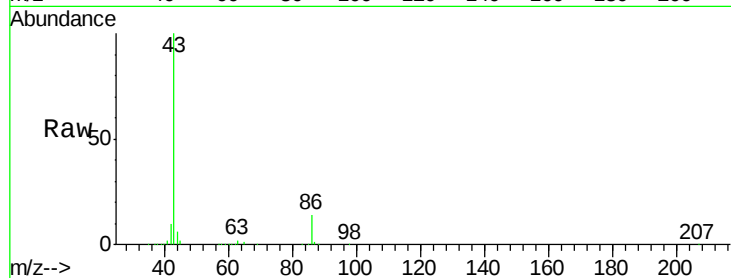
VN0604WBS01

Tot Ion: 43 Resp: 588697

Ion Ratio Lower Upper

43 100

86 13.9 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN061647.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN061647.D (-1172) (-)

5.84

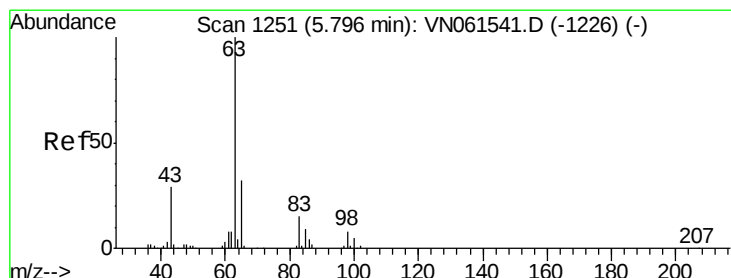
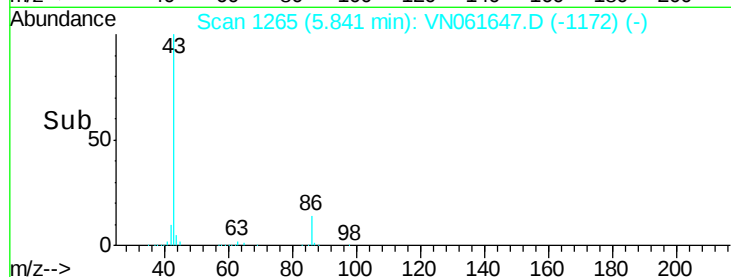
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 17.484 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

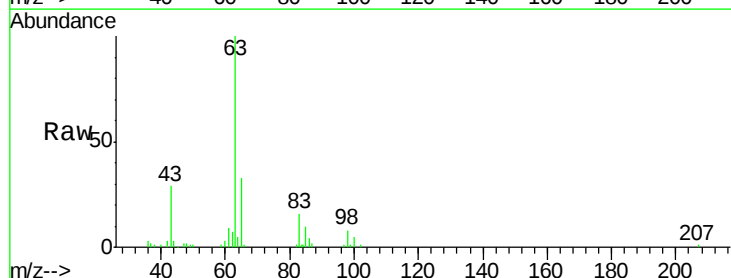
Tgt Ion: 63 Resp: 103051

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 5.1 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VN061647.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN061647.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN061647.D (-1158) (-)

5.80

40000

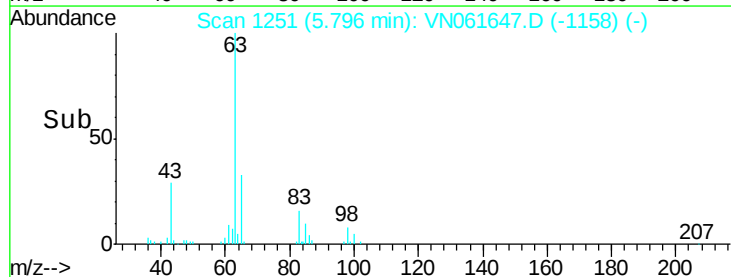
30000

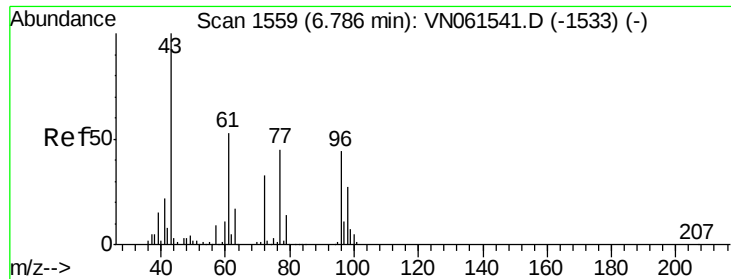
20000

10000

0

Time-->

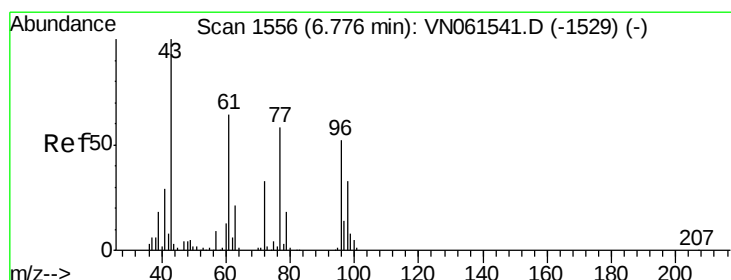
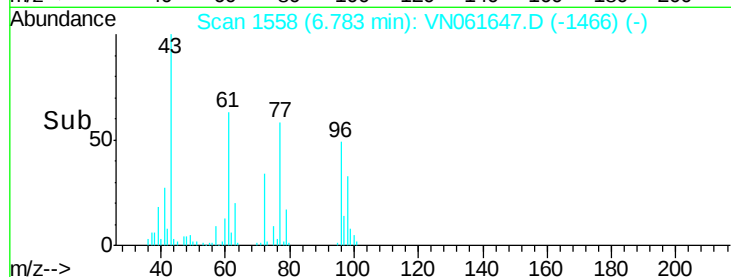
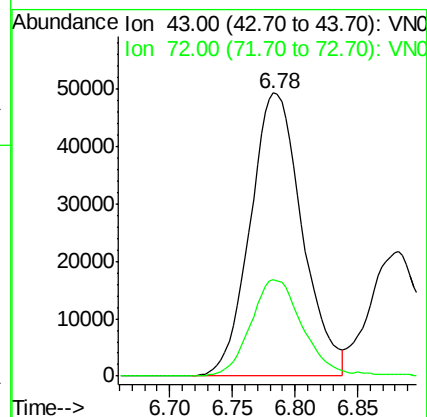
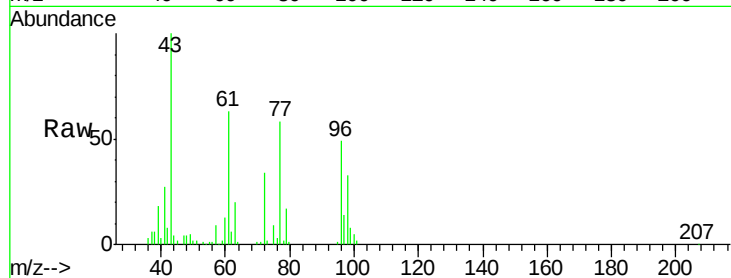




#25
2-Butanone
Concen: 79.880 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061647.D
Acq: 4 Jun 2020 12:33

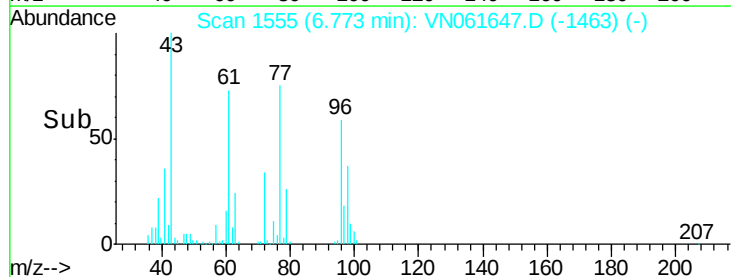
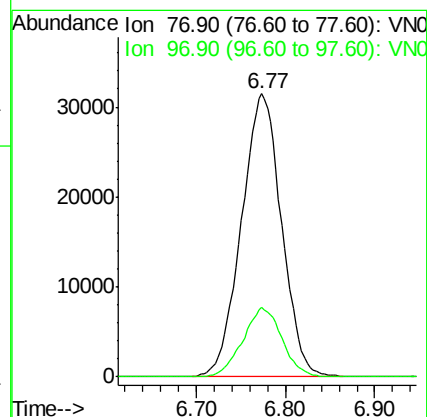
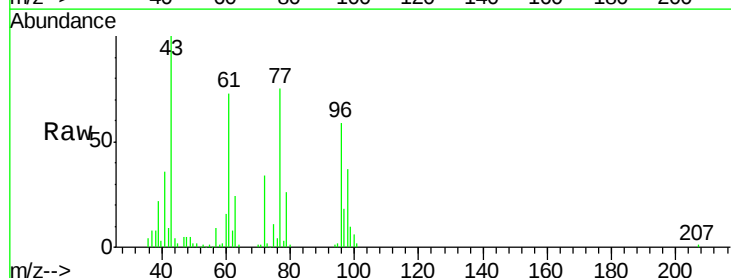
Instrument :
MSVOA_N
ClientSampled :
VN0604WBS01

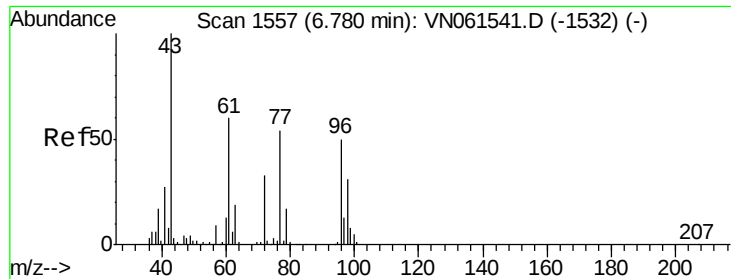
Tot Ion: 43 Resp: 142385
Ion Ratio Lower Upper
43 100
72 33.9 26.0 39.0



#26
2,2-Dichloropropane
Concen: 18.218 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN061647.D
Acq: 4 Jun 2020 12:33

Tgt Ion: 77 Resp: 98275
Ion Ratio Lower Upper
77 100
97 23.8 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 18.031 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0604WBS01

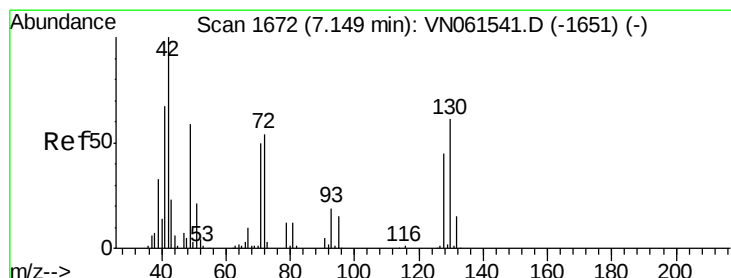
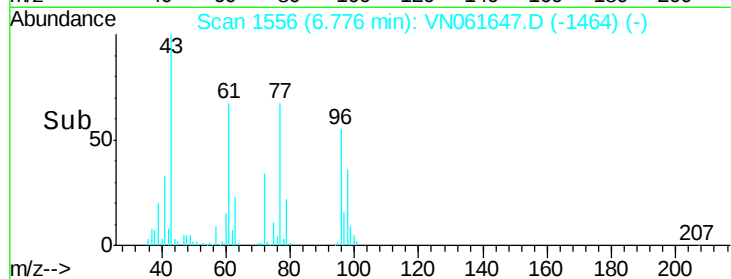
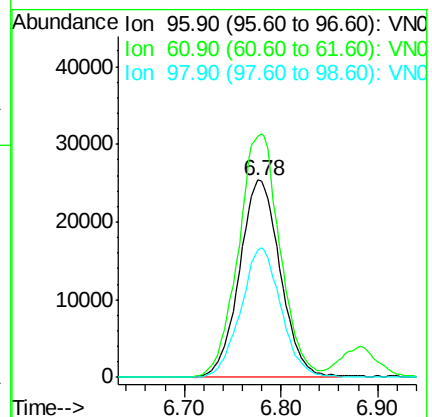
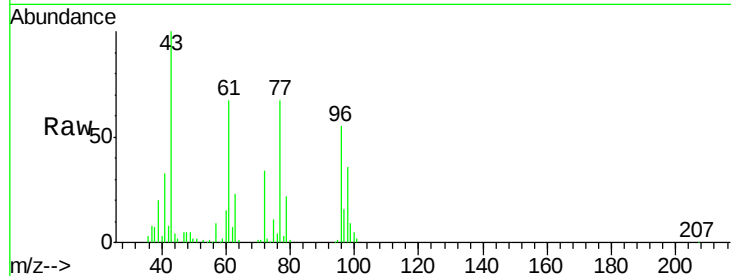
Tot Ion: 96 Resp: 74274

Ion Ratio Lower Upper

96 100

61 126.2 0.0 252.2

98 64.4 0.0 129.2



#28

Bromochloromethane

Concen: 18.264 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

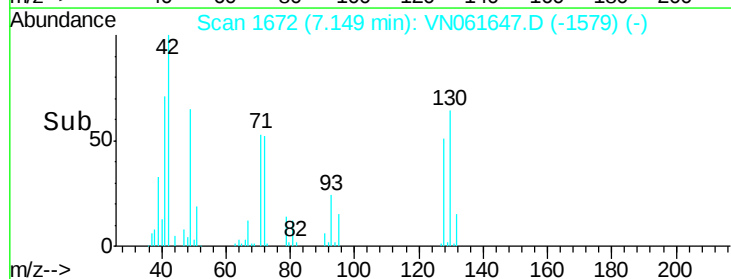
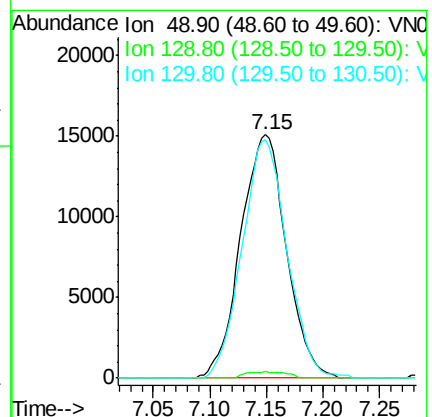
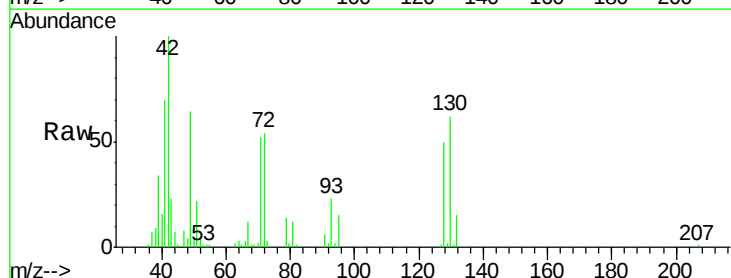
Tgt Ion: 49 Resp: 42372

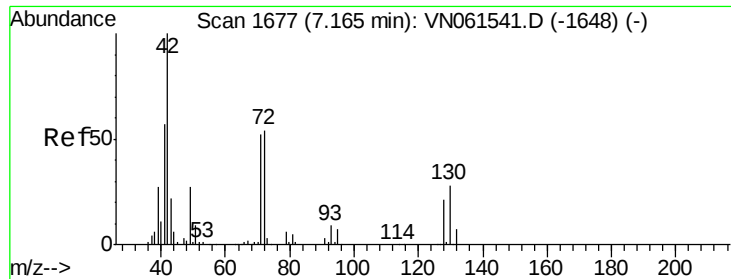
Ion Ratio Lower Upper

49 100

129 0.7 0.0 4.8

130 96.4 78.8 118.2

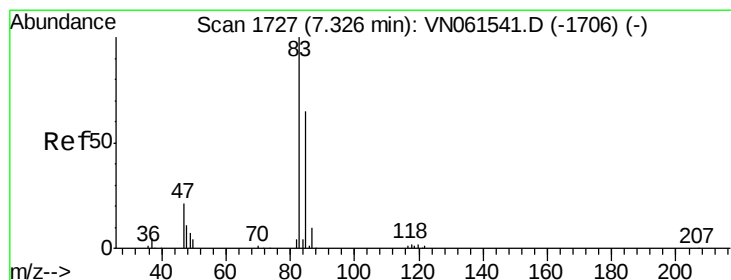
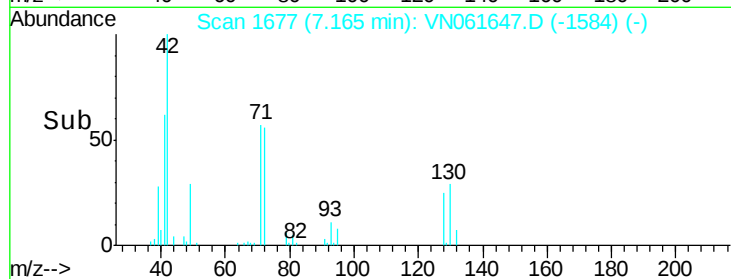
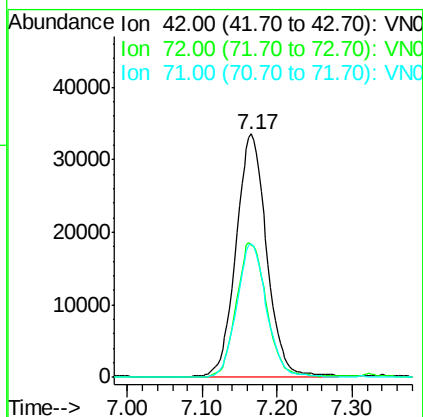
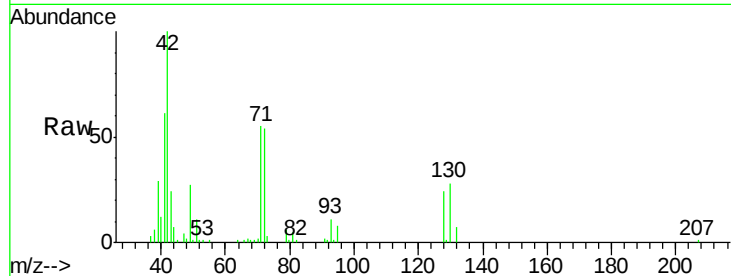




#29
Tetrahydrofuran
Concen: 81.664 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN061647.D
Acq: 4 Jun 2020 12:33

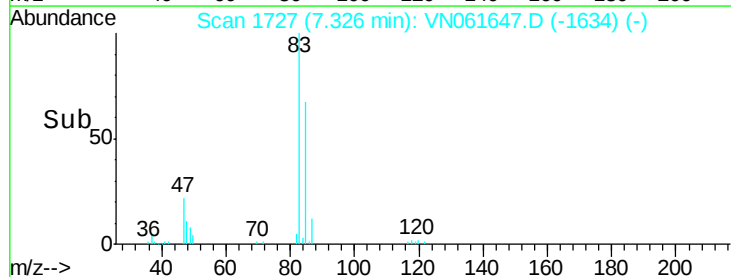
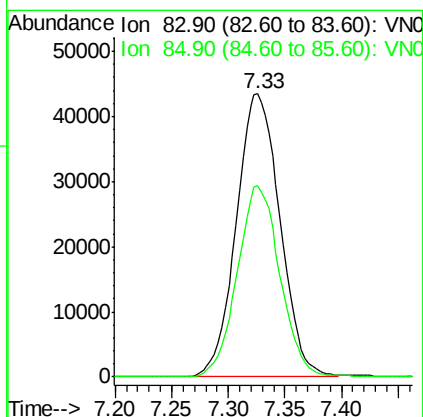
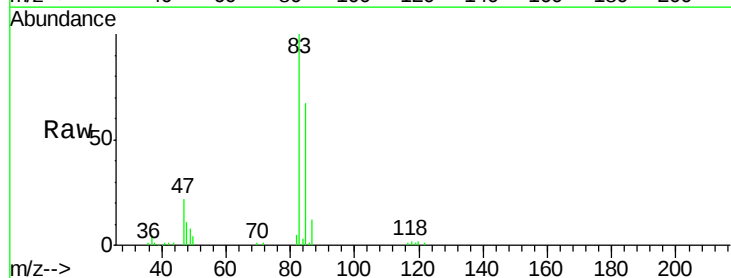
Instrument :
MSVOA_N
ClientSampled :
VN0604WBS01

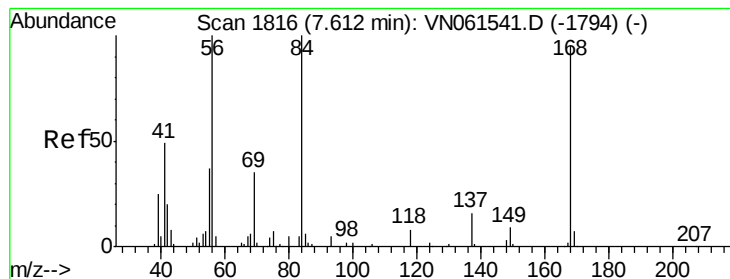
Tot Ion: 42 Resp: 95988
Ion Ratio Lower Upper
42 100
72 54.3 43.6 65.4
71 53.1 41.2 61.8



#30
Chloroform
Concen: 17.908 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061647.D
Acq: 4 Jun 2020 12:33

Tgt Ion: 83 Resp: 116766
Ion Ratio Lower Upper
83 100
85 67.4 51.7 77.5





#31

Cyclohexane

Concen: 17.061 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0604WBS01

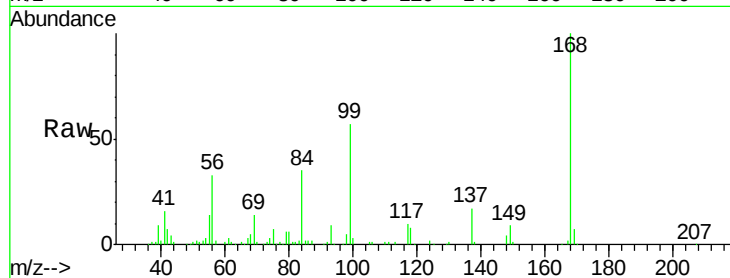
Tot Ion: 56 Resp: 90436

Ion Ratio Lower Upper

56 100

69 43.1 27.8 41.8#

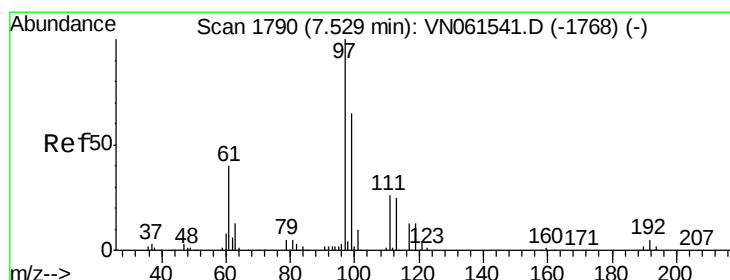
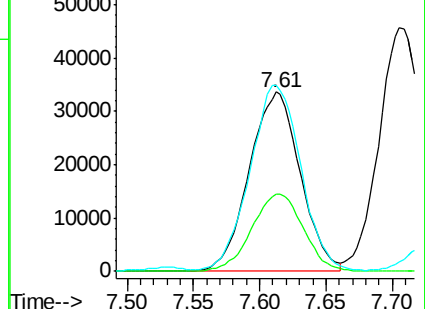
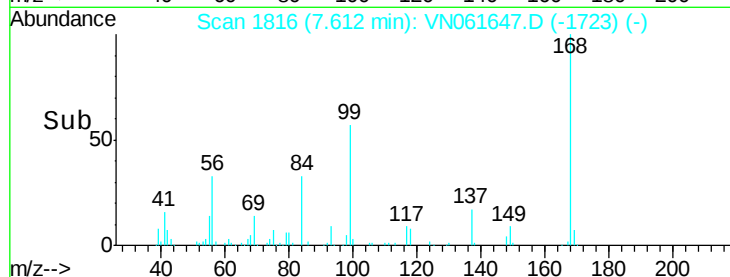
84 103.0 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VN061647.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN061647.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN061647.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 17.908 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

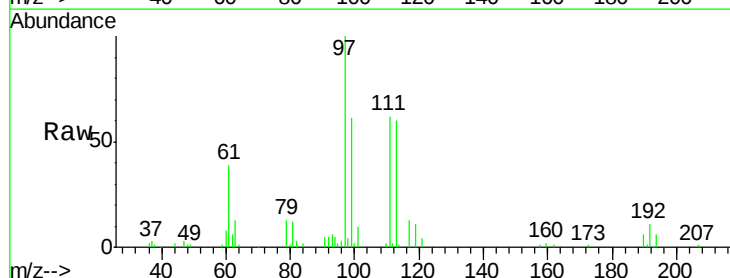
Tgt Ion: 97 Resp: 106401

Ion Ratio Lower Upper

97 100

99 64.7 51.4 77.0

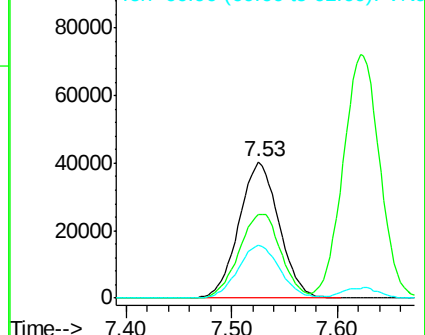
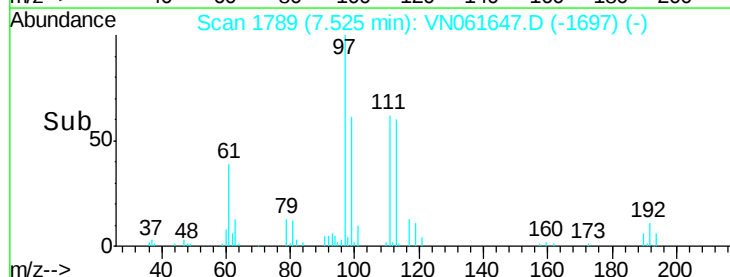
61 40.3 31.4 47.0

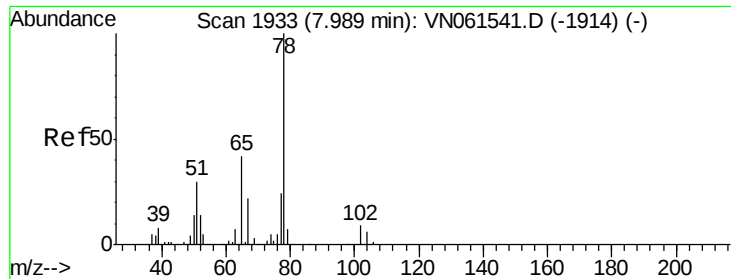


Abundance Ion 96.90 (96.60 to 97.60): VN061647.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN061647.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN061647.D (-1697) (-)

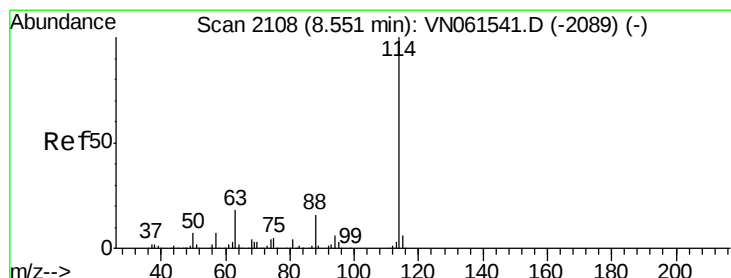
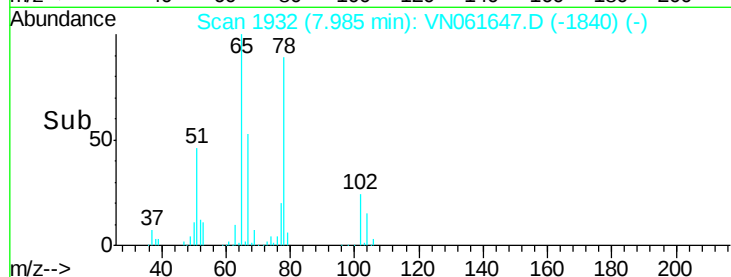
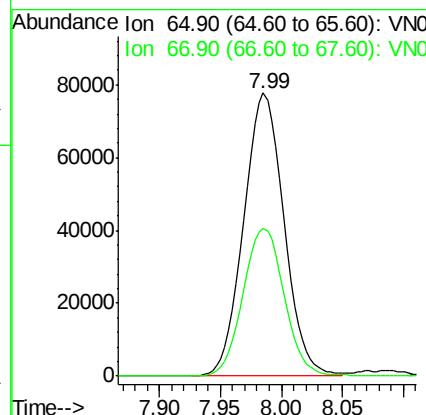
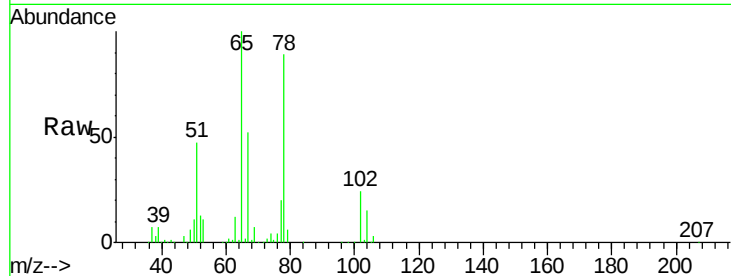




#33
 1,2-Dichloroethane-d4
 Concen: 47.310 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061647.D
 Acq: 4 Jun 2020 12:33

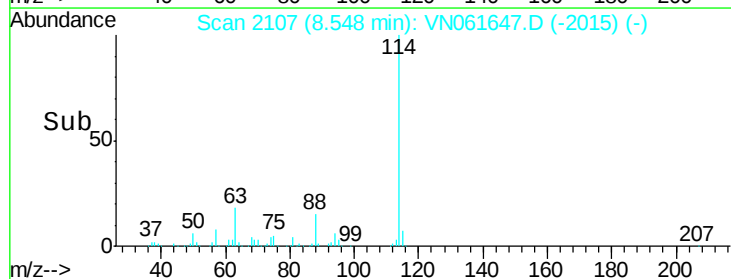
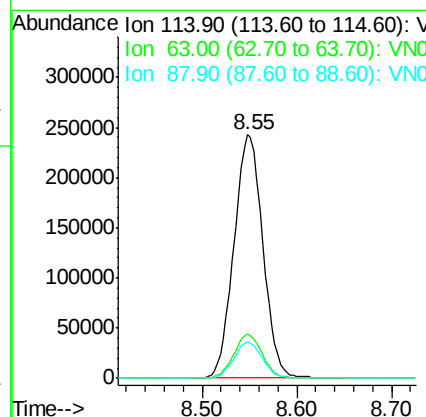
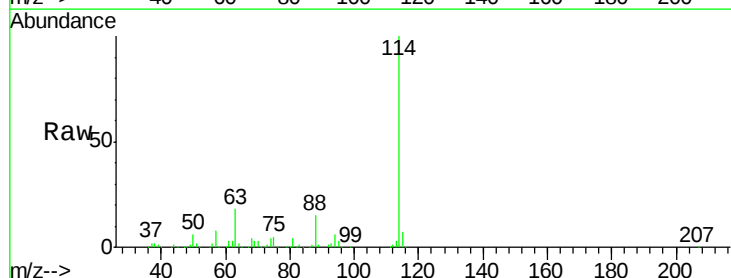
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604WBS01

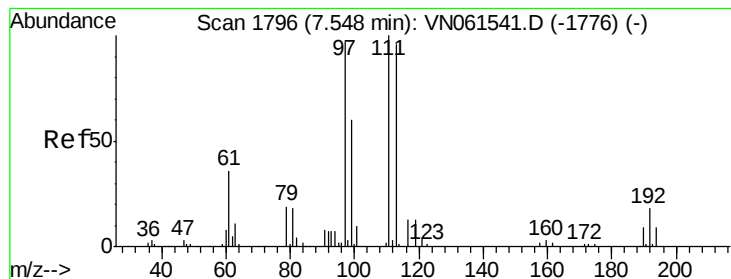
Tot Ion: 65 Resp: 177937
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061647.D
 Acq: 4 Jun 2020 12:33

Tgt Ion: 114 Resp: 515731
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.8
 88 14.8 0.0 31.0





#35

Dibromofluoromethane

Concen: 53.805 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0604WBS01

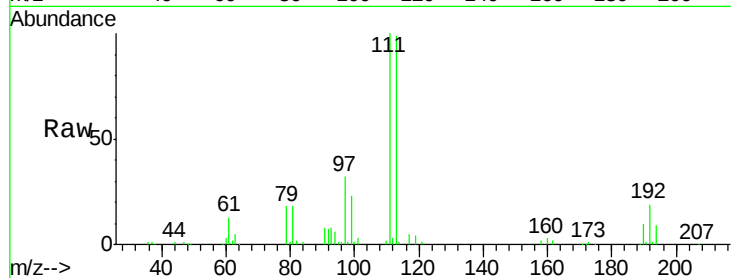
Tot Ion:113 Resp: 140766

Ion Ratio Lower Upper

113 100

111 101.6 83.4 125.0

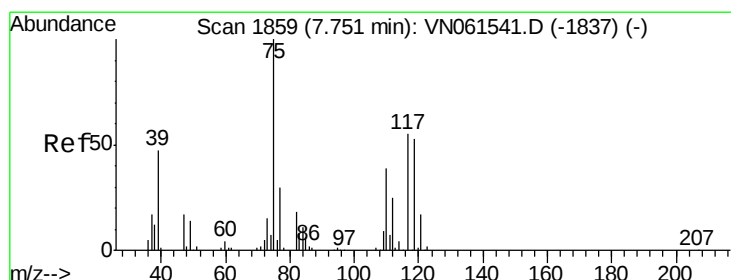
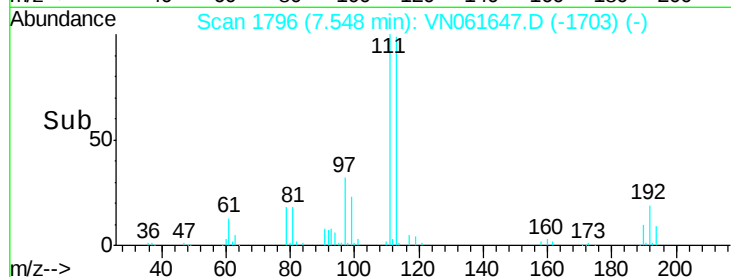
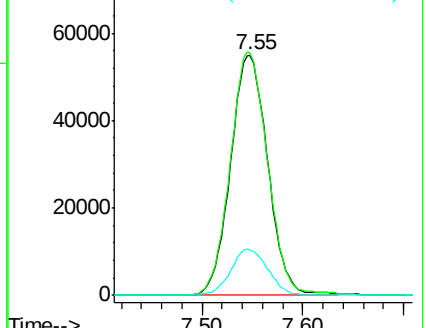
192 19.3 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.103 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

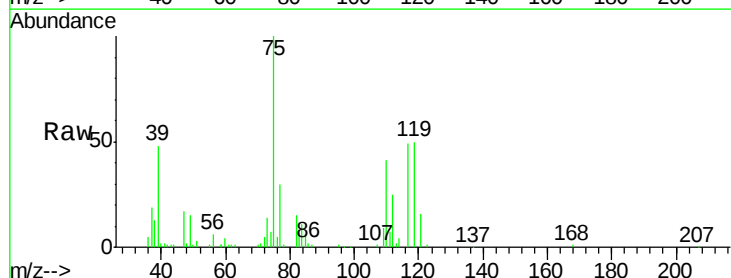
Tgt Ion: 75 Resp: 82652

Ion Ratio Lower Upper

75 100

110 40.2 19.5 58.5

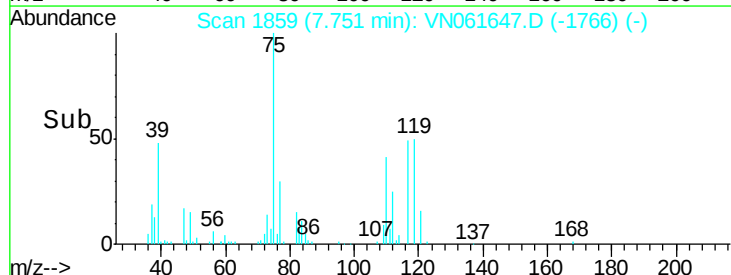
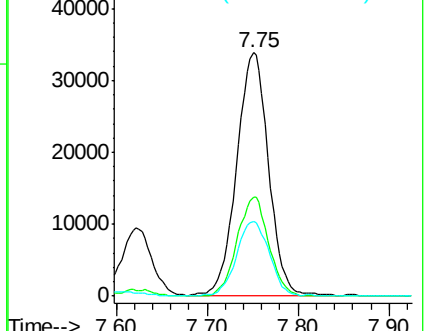
77 31.4 24.7 37.1

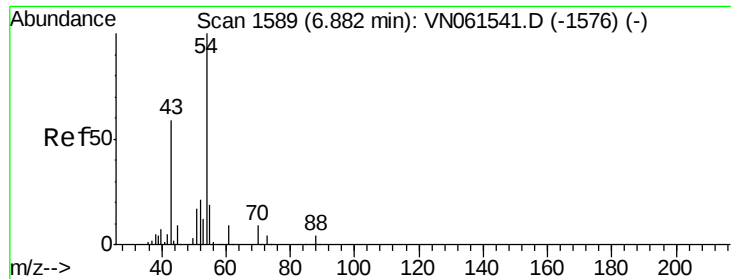


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

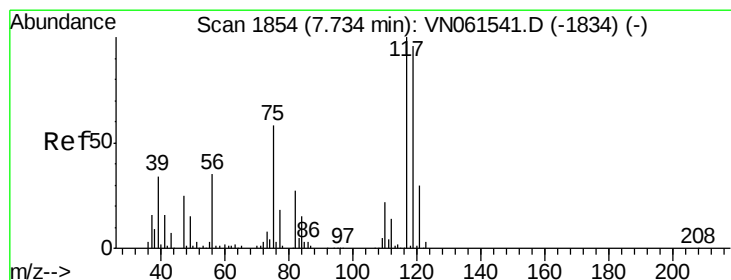
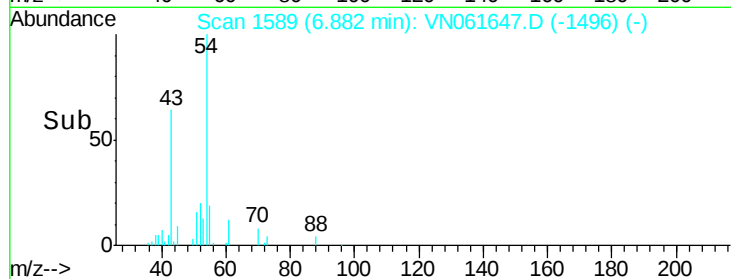
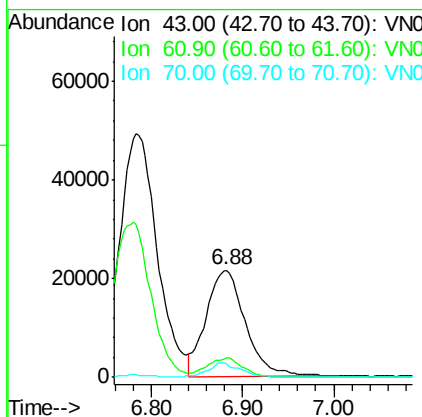
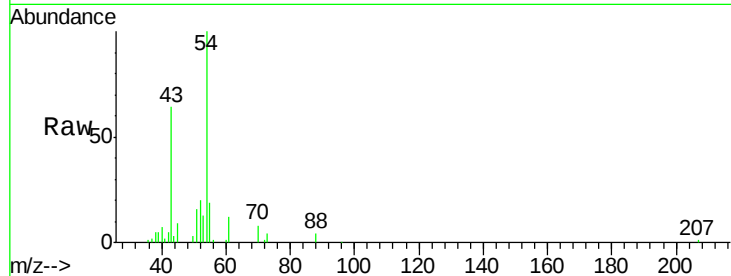




#37
Ethyl Acetate
Concen: 17.621 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN061647.D
Acq: 4 Jun 2020 12:33

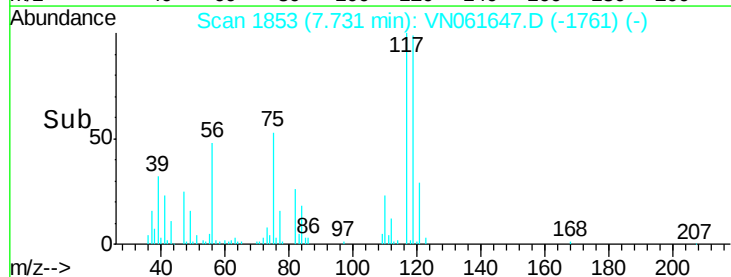
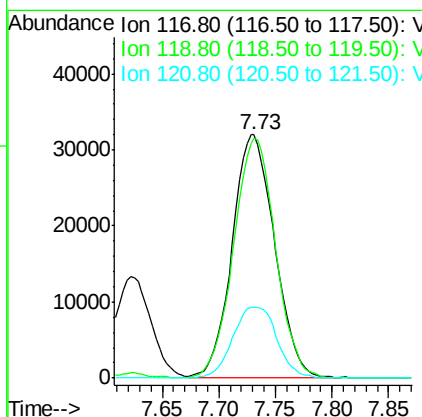
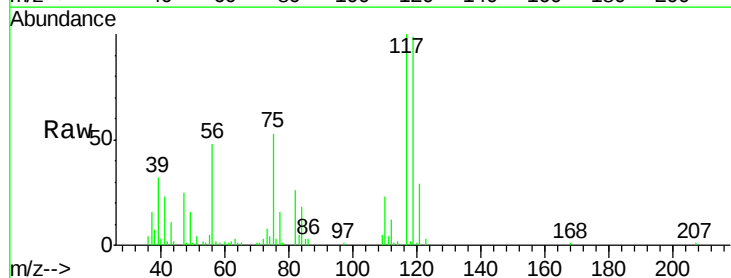
Instrument :
MSVOA_N
ClientSampleId :
VN0604WBS01

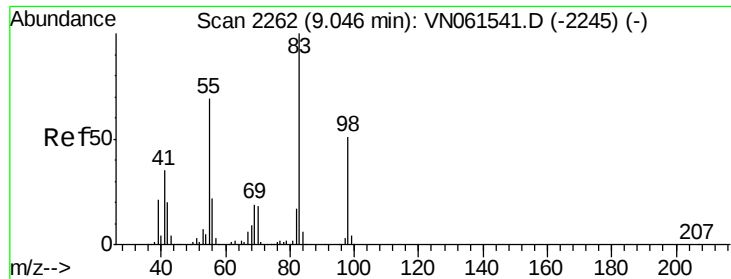
Tot Ion: 43 Resp: 64797
Ion Ratio Lower Upper
43 100
61 16.7 12.2 18.4
70 11.5 9.4 14.2



#38
Carbon Tetrachloride
Concen: 18.934 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061647.D
Acq: 4 Jun 2020 12:33

Tgt Ion: 117 Resp: 83384
Ion Ratio Lower Upper
117 100
119 98.6 76.5 114.7
121 29.3 24.1 36.1

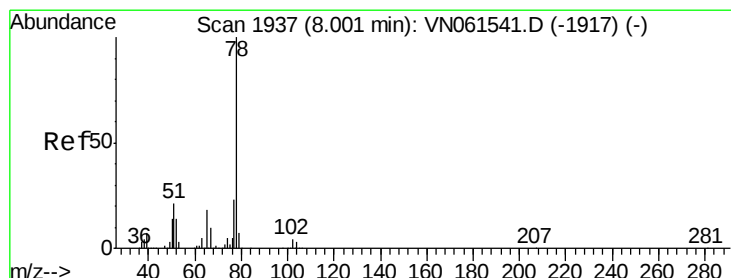
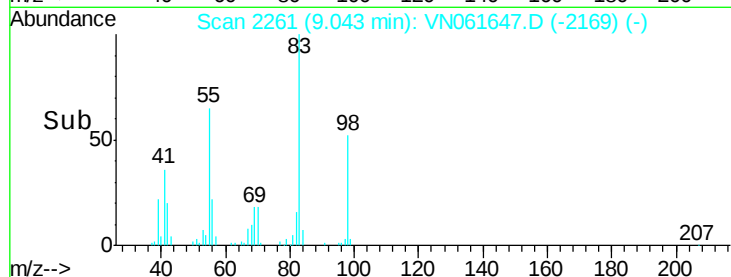
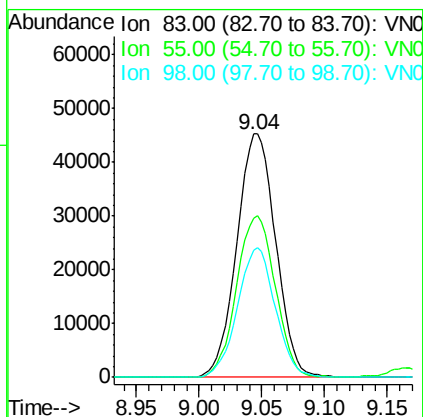
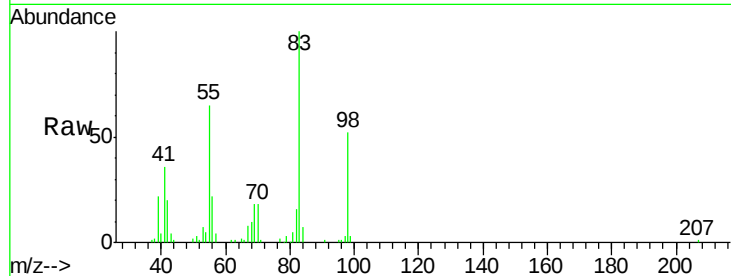




#39
Methvlcvclohexane
Concen: 17.399 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061647.D
Acq: 4 Jun 2020 12:33

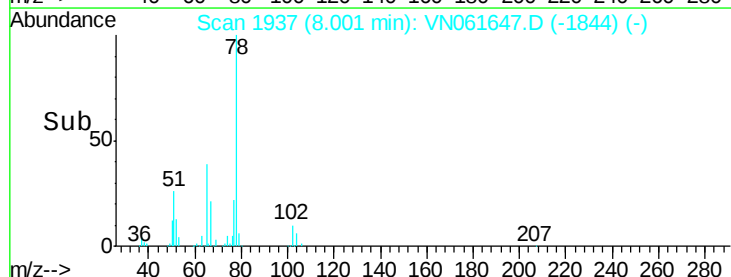
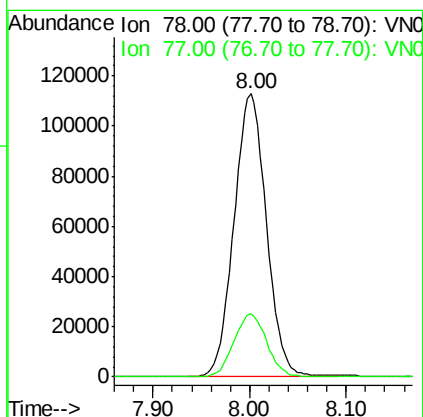
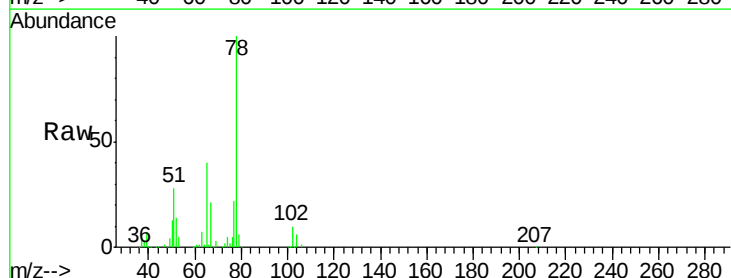
Instrument :
MSVOA_N
ClientSampleId :
VN0604WBS01

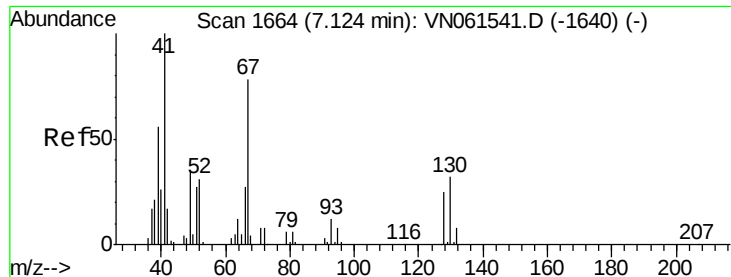
Tot Ion: 83 Resp: 97910
Ion Ratio Lower Upper
83 100
55 65.5 54.9 82.3
98 52.1 41.0 61.4



#40
Benzene
Concen: 18.664 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061647.D
Acq: 4 Jun 2020 12:33

Tgt Ion: 78 Resp: 262921
Ion Ratio Lower Upper
78 100
77 22.3 18.6 28.0

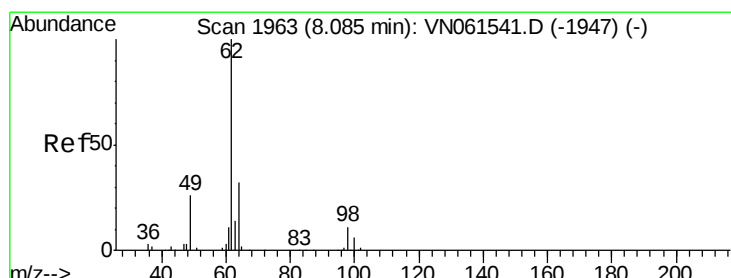
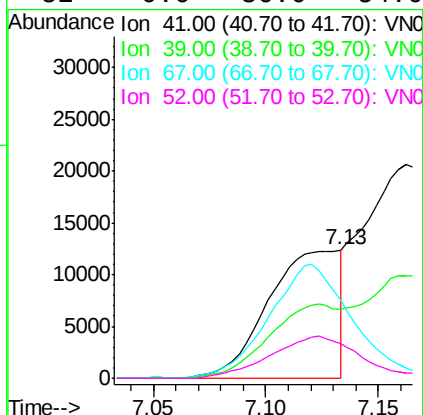
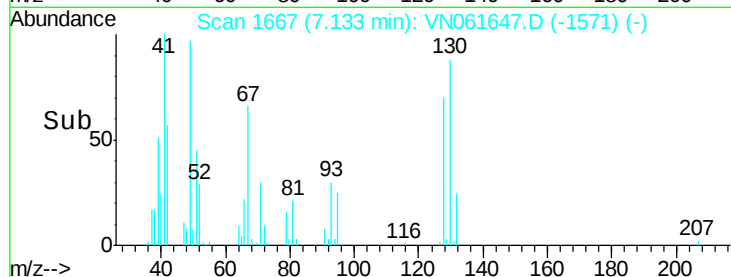
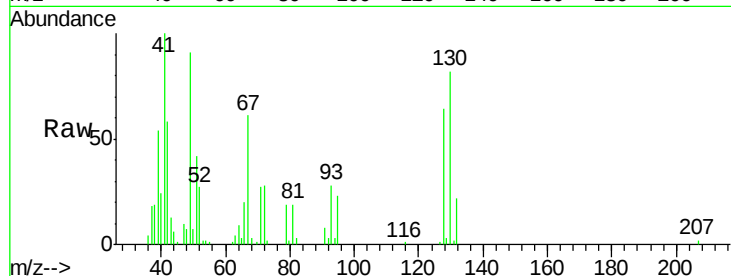




#41
Methacrylonitrile
Concen: 16.328 ug/l m
RT: 7.13 min Scan# 1667
Delta R.T. 0.01 min
Lab File: VN061647.D
Acq: 4 Jun 2020 12:33

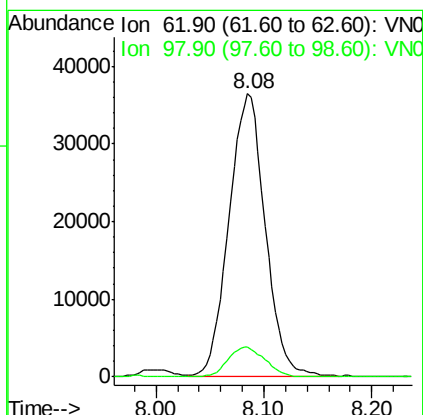
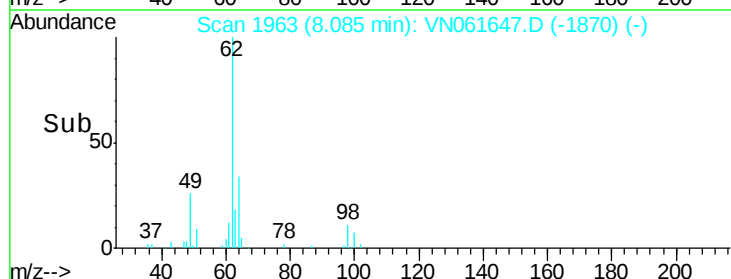
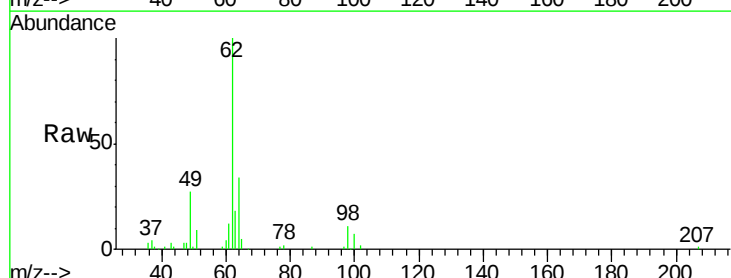
Instrument :
MSVOA_N
ClientSampleId :
VN0604WBS01

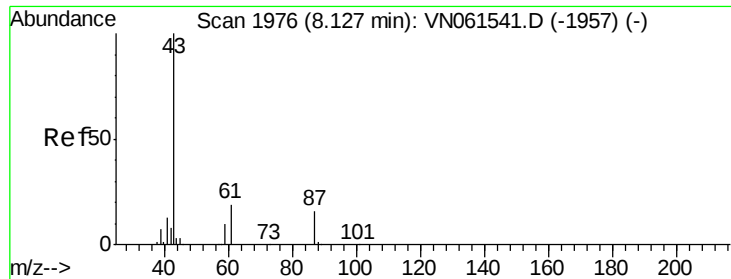
Tot Ion: 41 Resp: 27509
Ion Ratio Lower Upper
41 100
39 80.9 53.8 80.6#
67 0.0 91.1 136.7#
52 0.0 36.0 54.0#



#42
1,2-Dichloroethane
Concen: 18.199 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061647.D
Acq: 4 Jun 2020 12:33

Tgt Ion: 62 Resp: 85830
Ion Ratio Lower Upper
62 100
98 10.6 0.0 21.4





#43

Isopropyl Acetate

Concen: 16.291 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0604WBS01

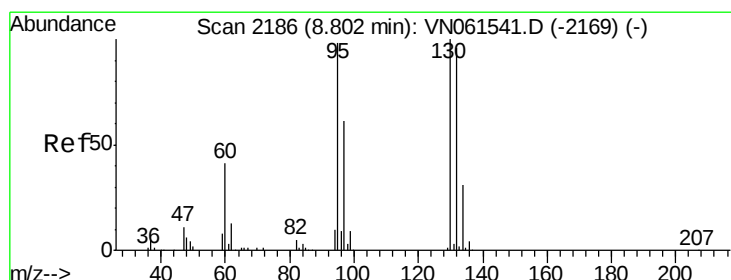
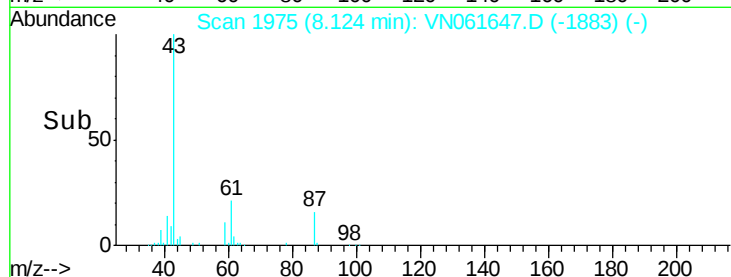
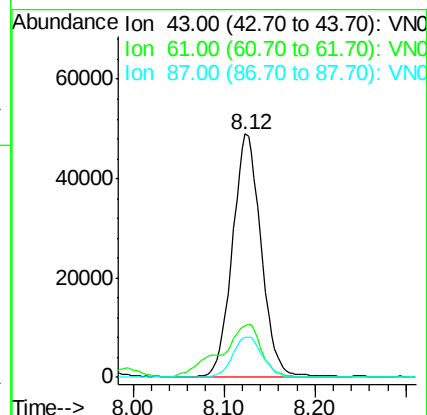
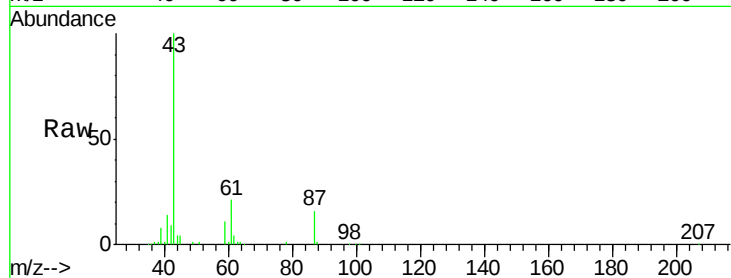
Tot Ion: 43 Resp: 107777

Ion Ratio Lower Upper

43 100

61 22.5 23.6 35.4#

87 17.0 13.0 19.6



#44

Trichloroethene

Concen: 18.203 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061647.D

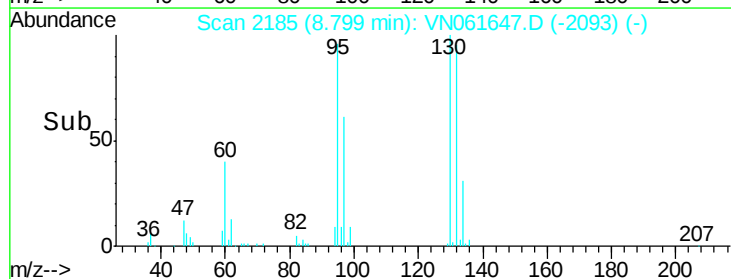
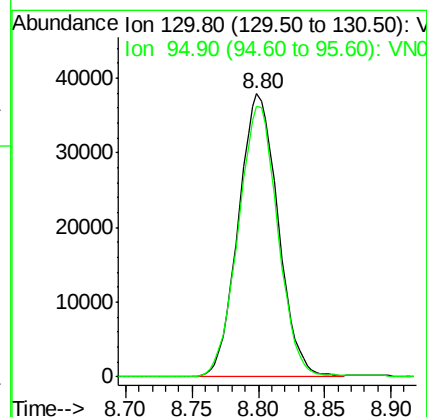
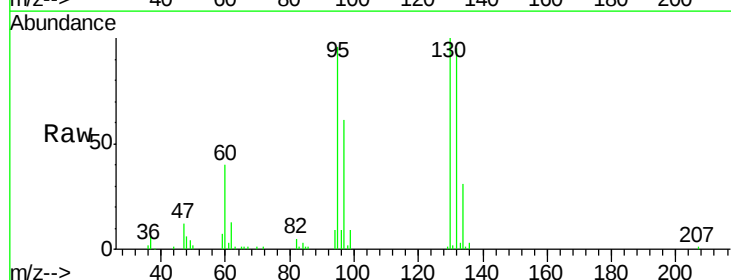
Acq: 4 Jun 2020 12:33

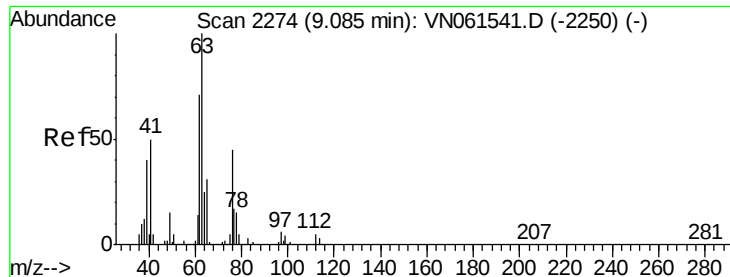
Tgt Ion:130 Resp: 78807

Ion Ratio Lower Upper

130 100

95 95.7 0.0 196.6

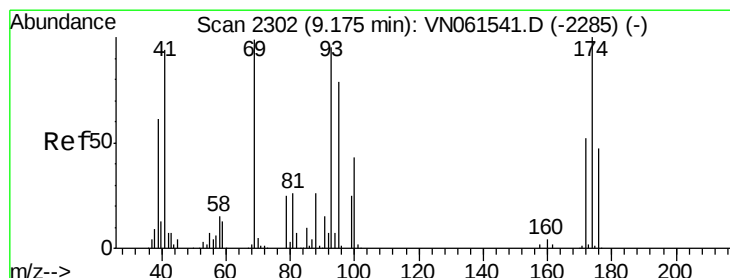
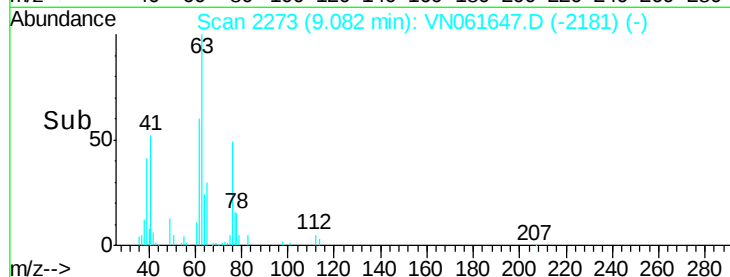
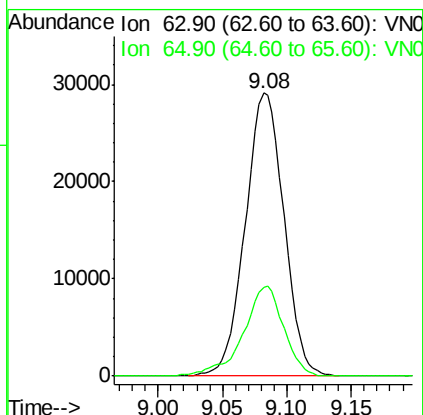
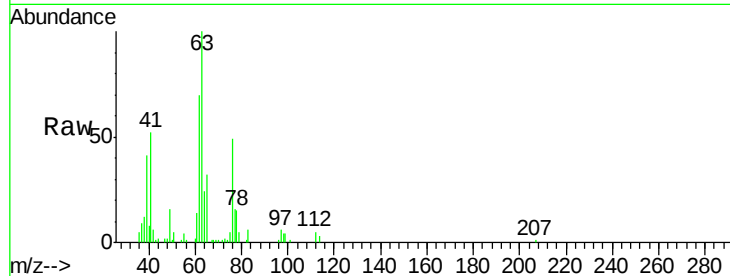




#45
 1,2-Dichloropropane
 Concen: 18.216 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN061647.D
 Acq: 4 Jun 2020 12:33

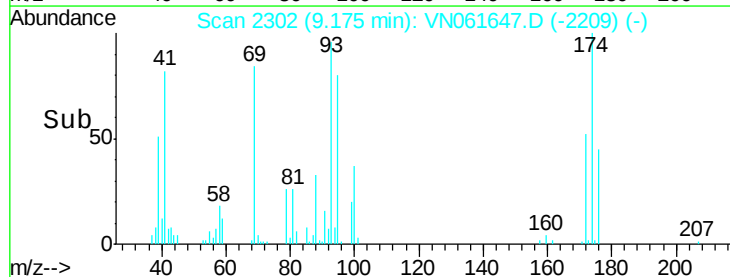
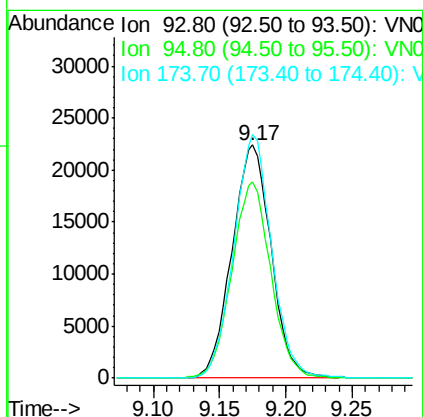
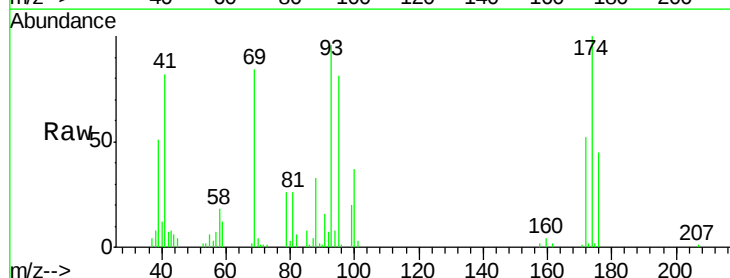
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604WBS01

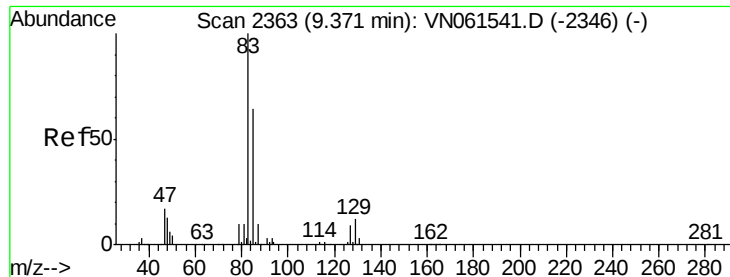
Tot Ion: 63 Resp: 60933
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.7 37.1



#46
 Dibromomethane
 Concen: 17.908 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN061647.D
 Acq: 4 Jun 2020 12:33

Tgt Ion: 93 Resp: 45942
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.0 99.0
 174 100.9 82.5 123.7





#47

Bromodichloromethane

Concen: 18.206 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0604WBS01

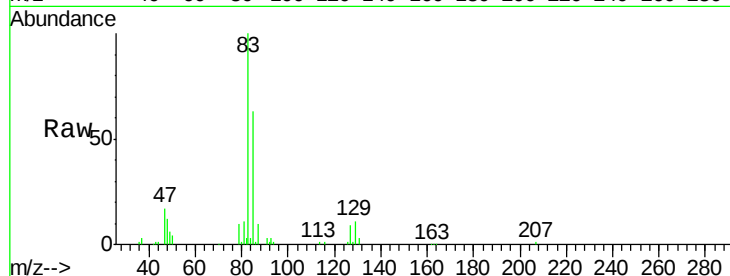
Tot Ion: 83 Resp: 92535

Ion Ratio Lower Upper

83 100

85 62.6 51.1 76.7

127 8.9 7.2 10.8

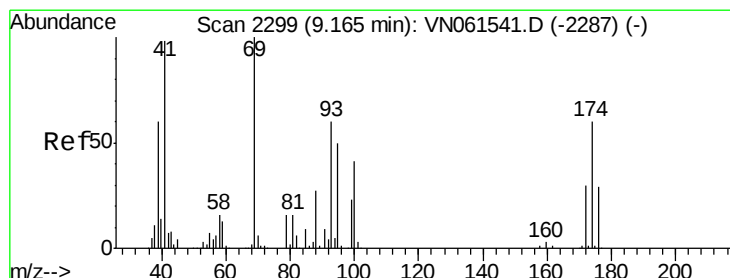
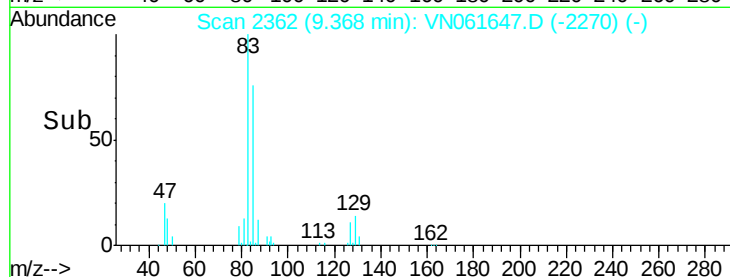


Abundance Ion 82.90 (82.60 to 83.60): VN061647.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061647.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061647.D (-2270) (-)

Time-->



#48

Methyl methacrylate

Concen: 15.345 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

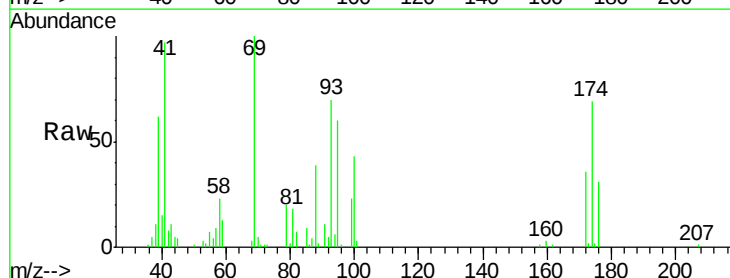
Tgt Ion: 41 Resp: 45674

Ion Ratio Lower Upper

41 100

69 106.0 83.9 125.9

39 62.5 52.1 78.1

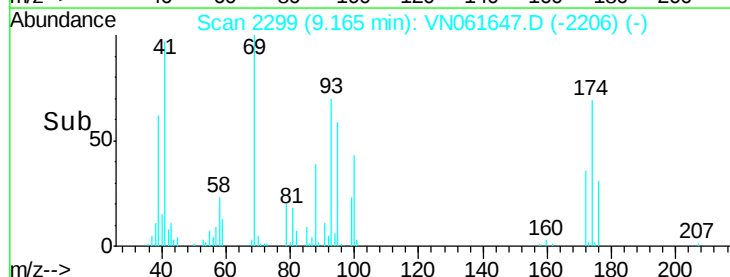


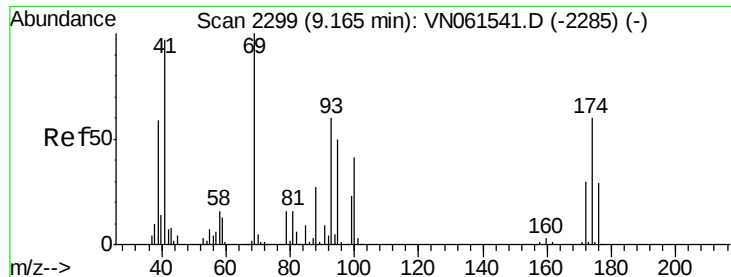
Abundance Ion 41.00 (40.70 to 41.70): VN061647.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061647.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061647.D (-2206) (-)

Time-->

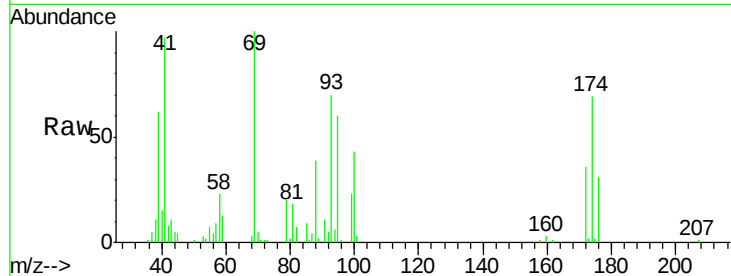




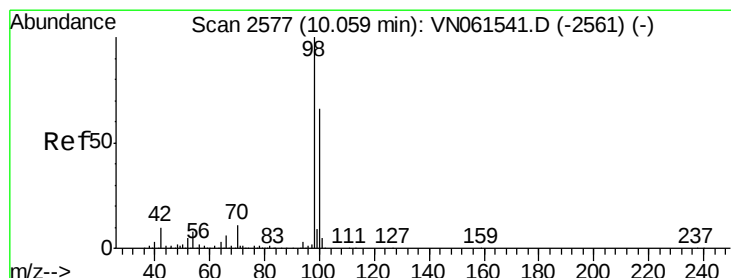
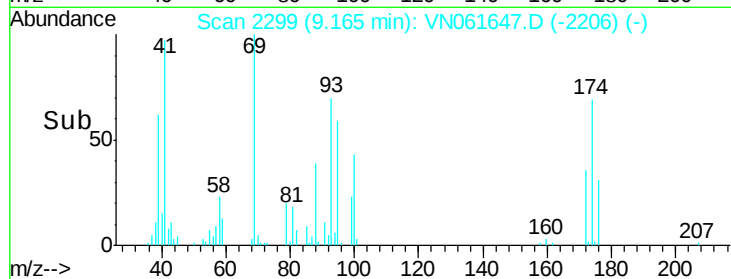
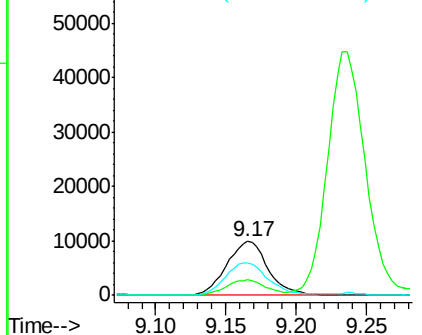
#49
 1,4-Dioxane
 Concen: 444.398 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN061647.D
 Acq: 4 Jun 2020 12:33

Instrument :
 MSVOA_N
 ClientSampled :
 VN0604WBS01

Tot Ion: 88 Resp: 20492
 Ion Ratio Lower Upper
 88 100
 43 28.2 23.1 34.7
 58 61.2 48.3 72.5

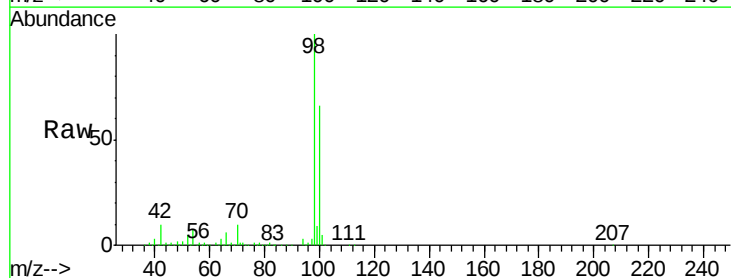


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

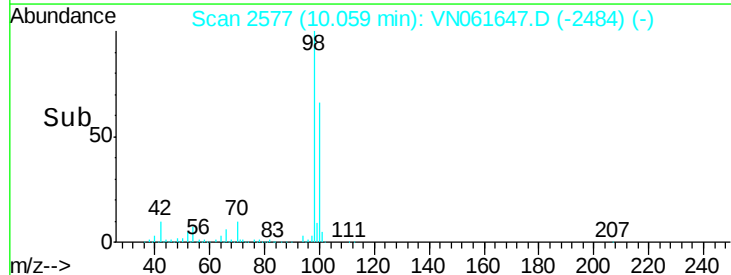
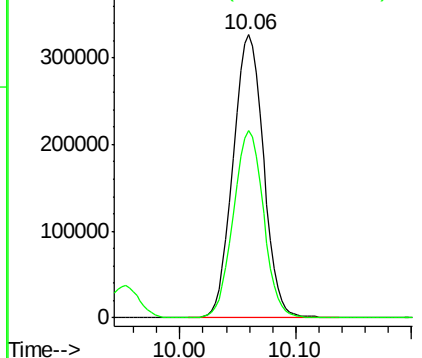


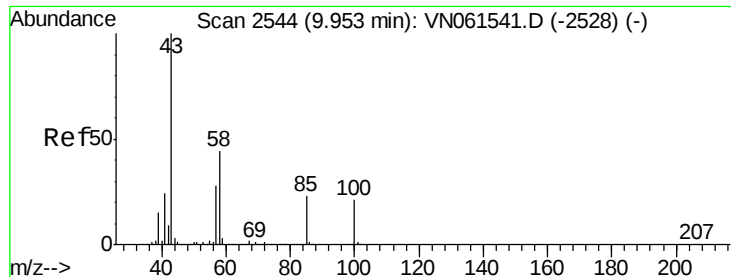
#50
 Toluene-d8
 Concen: 49.003 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN061647.D
 Acq: 4 Jun 2020 12:33

Tgt Ion: 98 Resp: 594108
 Ion Ratio Lower Upper
 98 100
 100 65.6 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: 82.674 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

Instrument :

MSVOA_N

ClientSampleId :

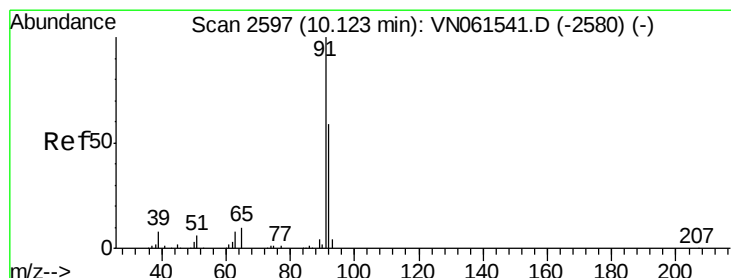
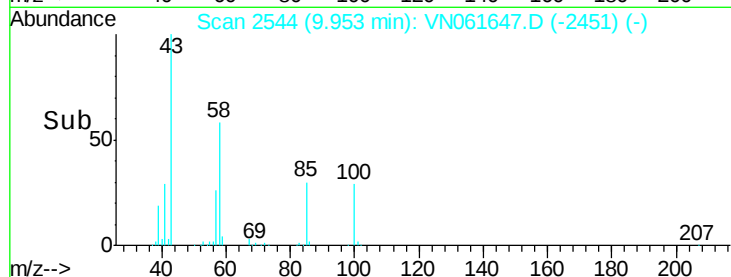
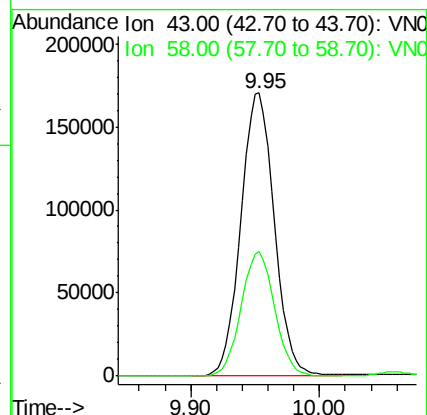
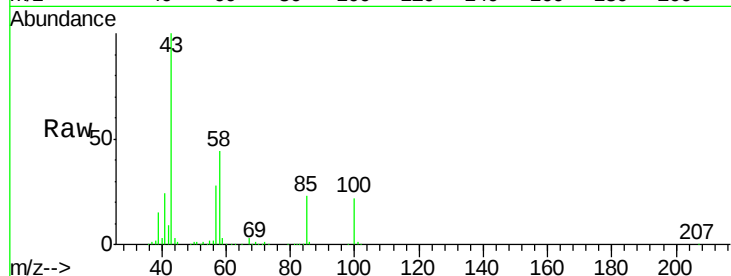
VN0604WBS01

Tot Ion: 43 Resp: 308224

Ion Ratio Lower Upper

43 100

58 44.1 35.0 52.6



#52

Toluene

Concen: 18.655 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061647.D

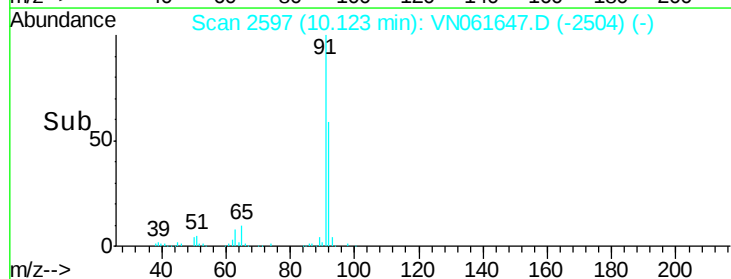
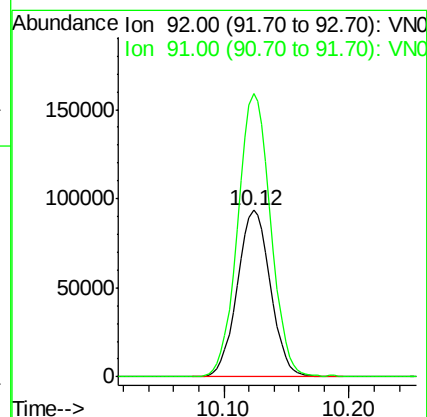
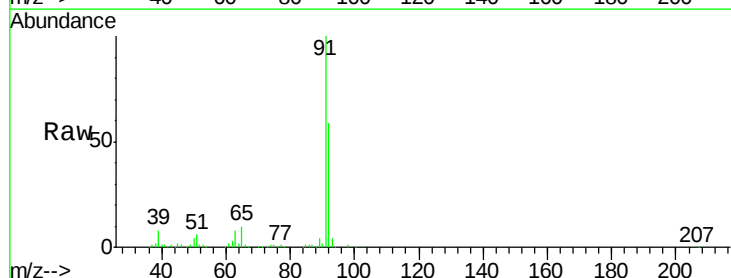
Acq: 4 Jun 2020 12:33

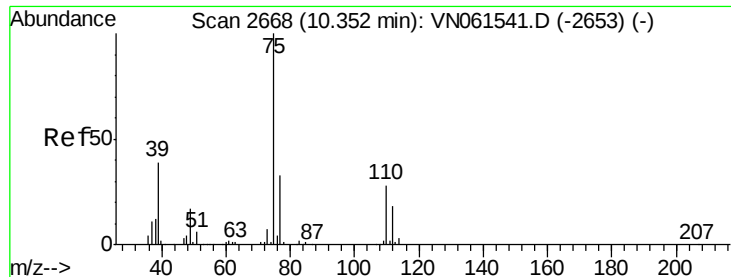
Tgt Ion: 92 Resp: 171523

Ion Ratio Lower Upper

92 100

91 168.5 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 17.309 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

Instrument :

MSVOA_N

ClientSampled :

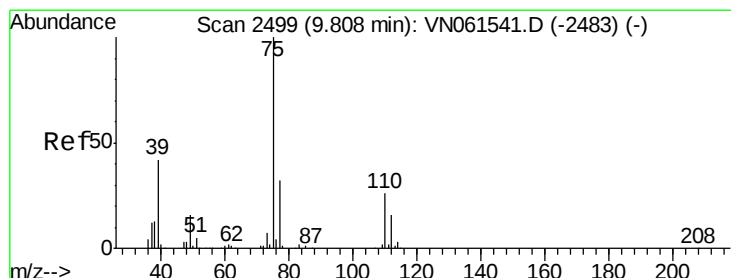
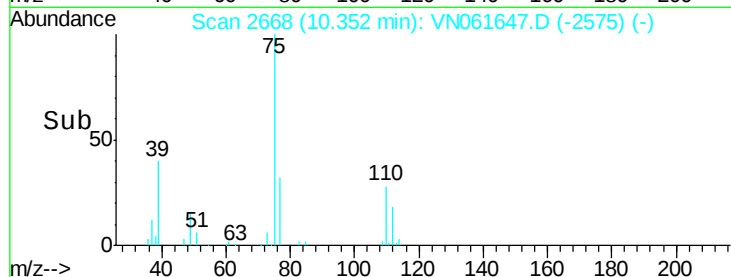
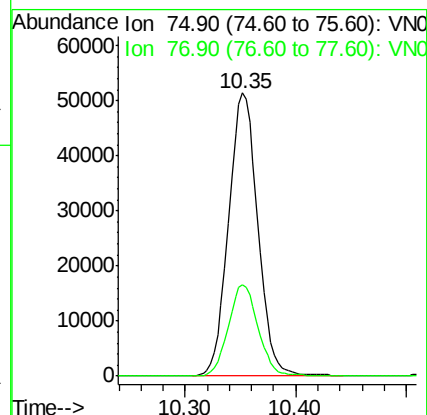
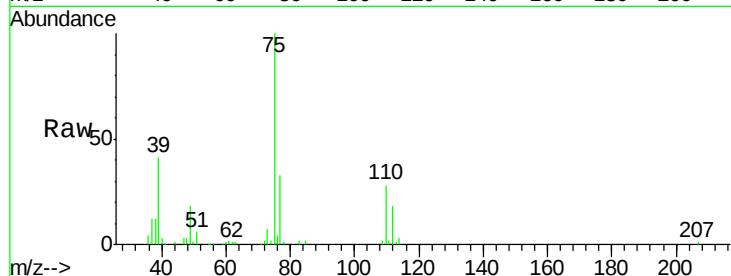
VN0604WBS01

Tot Ion: 75 Resp: 94774

Ion Ratio Lower Upper

75 100

77 32.5 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 17.690 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

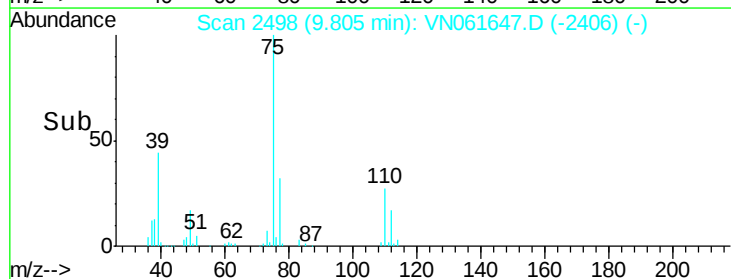
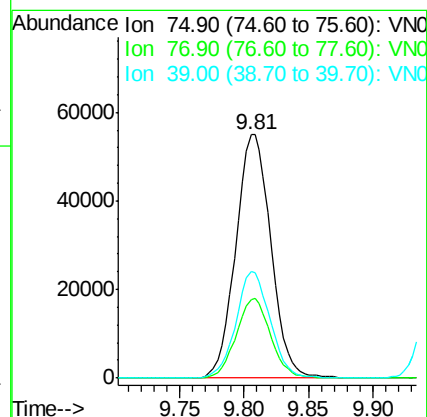
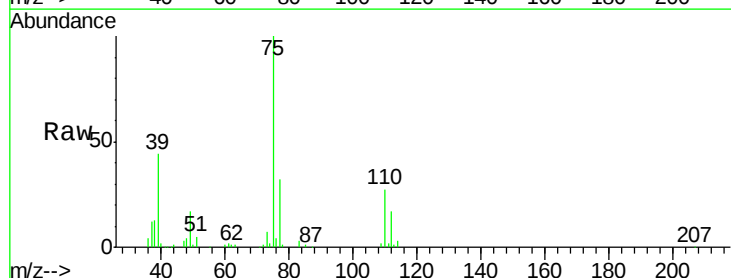
Tgt Ion: 75 Resp: 104146

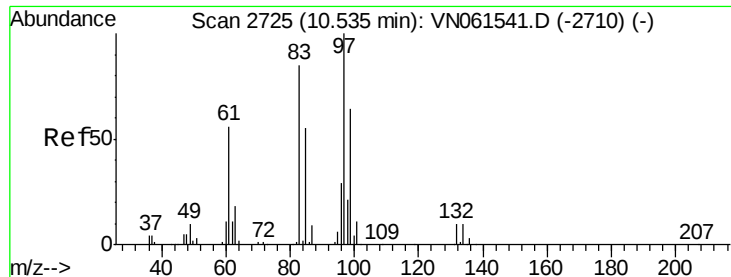
Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.2

39 43.8 33.8 50.6

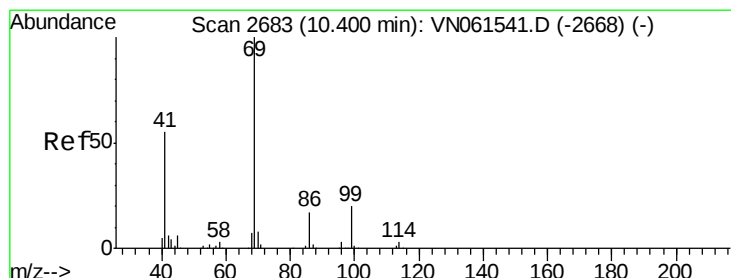
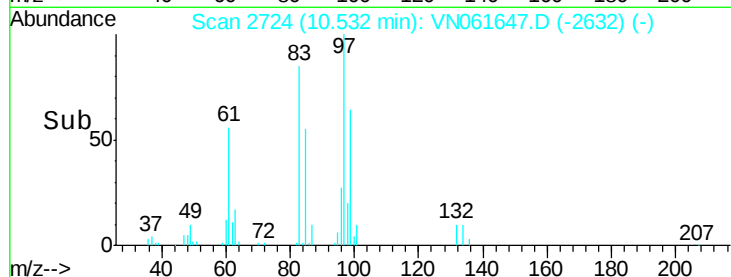
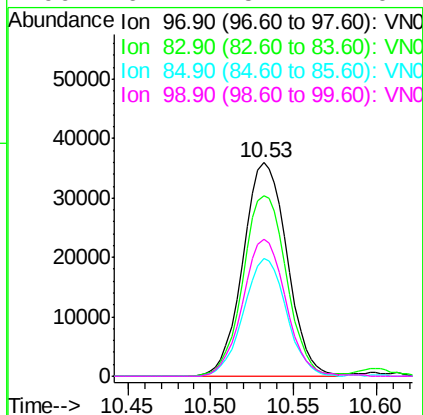
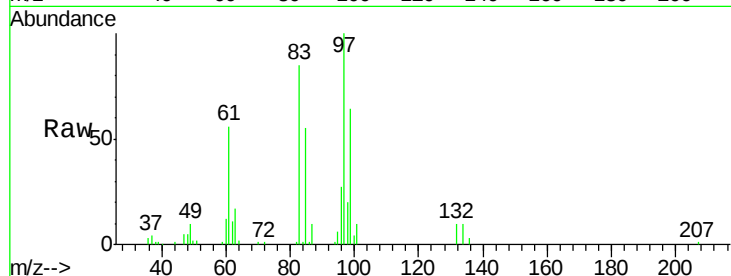




#55
 1,1,2-Trichloroethane
 Concen: 18.220 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061647.D
 Acq: 4 Jun 2020 12:33

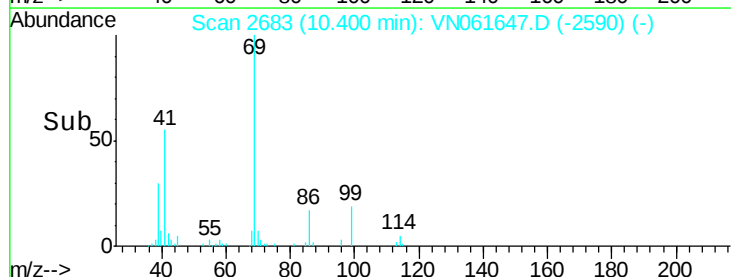
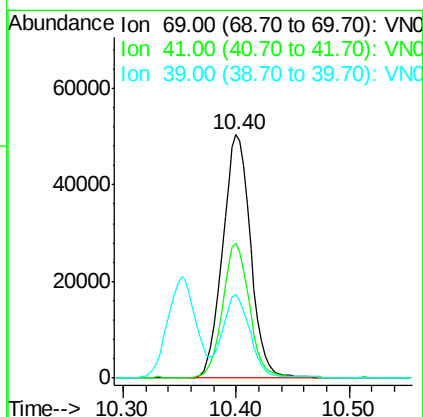
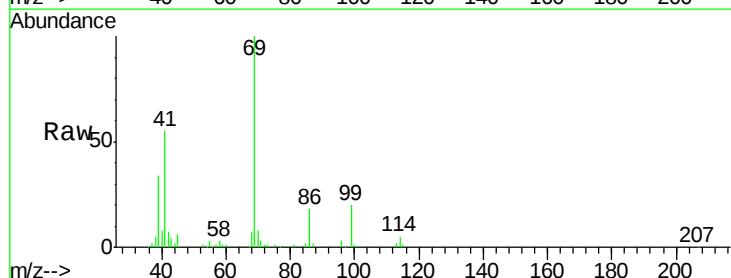
Instrument :
 MSVOA_N
 ClientSampled :
 VN0604WBS01

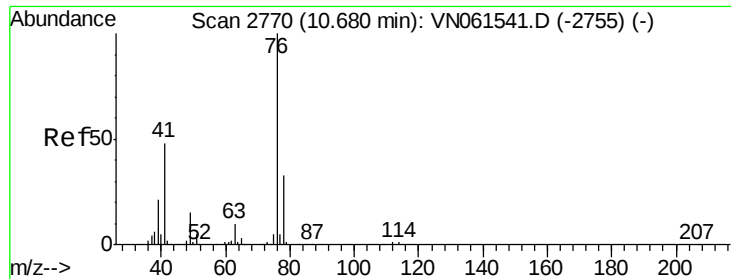
Tot Ion: 97 Resp: 66741
 Ion Ratio Lower Upper
 97 100
 83 84.8 68.1 102.1
 85 54.9 44.1 66.1
 99 64.2 51.1 76.7



#56
 Ethyl methacrylate
 Concen: 16.906 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN061647.D
 Acq: 4 Jun 2020 12:33

Tgt Ion: 69 Resp: 86508
 Ion Ratio Lower Upper
 69 100
 41 53.8 43.5 65.3
 39 34.2 27.0 40.6





#57

1,3-Dichloropropane

Concen: 18.347 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

Instrument :

MSVOA_N

ClientSampled :

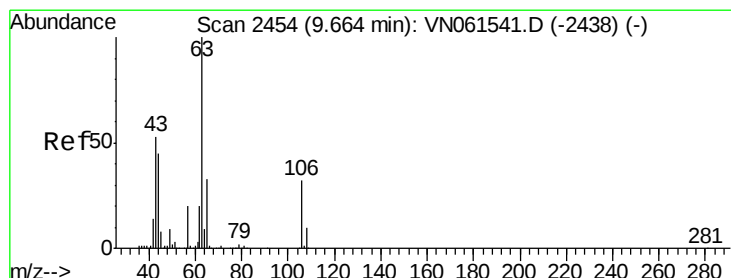
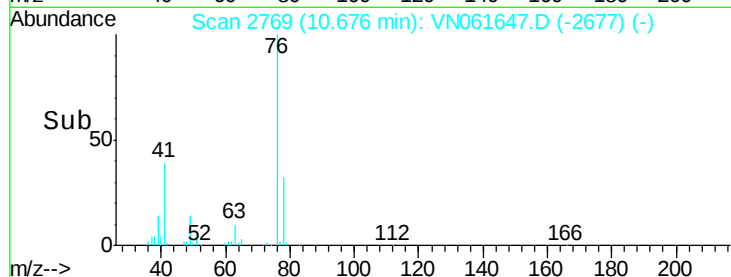
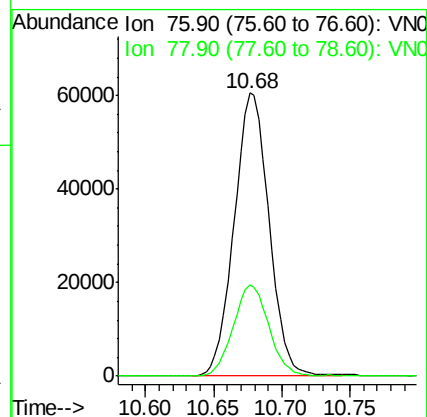
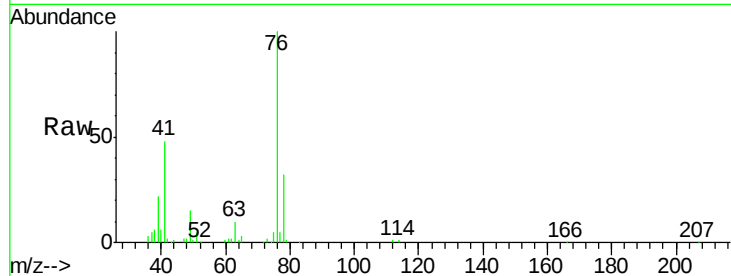
VN0604WBS01

Tot Ion: 76 Resp: 107486

Ion Ratio Lower Upper

76 100

78 32.8 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 80.016 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN061647.D

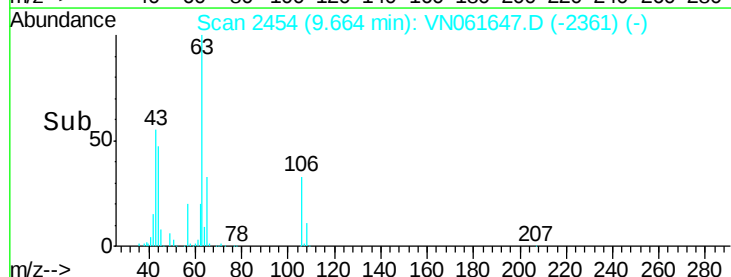
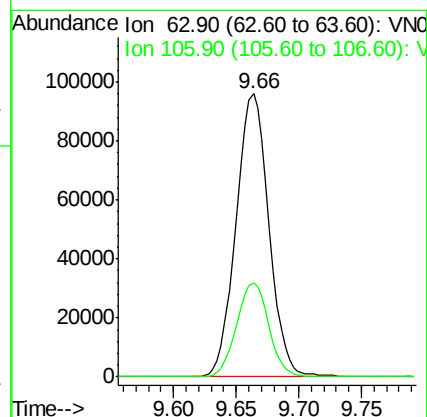
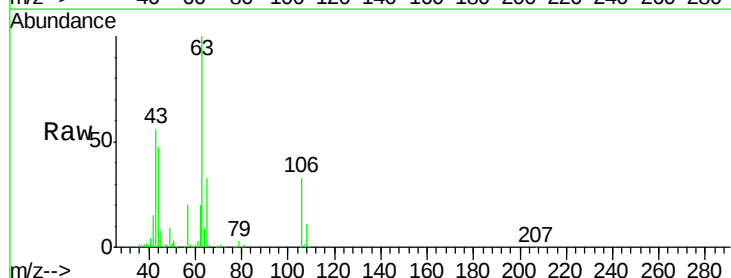
Acq: 4 Jun 2020 12:33

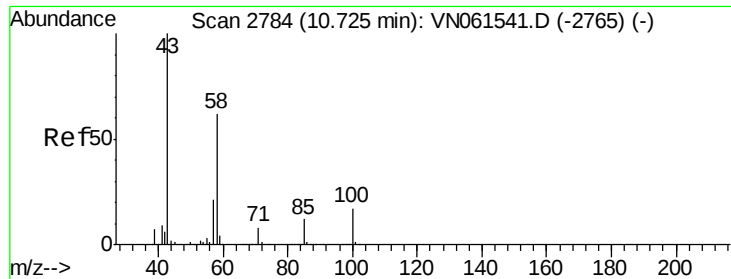
Tgt Ion: 63 Resp: 174972

Ion Ratio Lower Upper

63 100

106 32.7 25.9 38.9

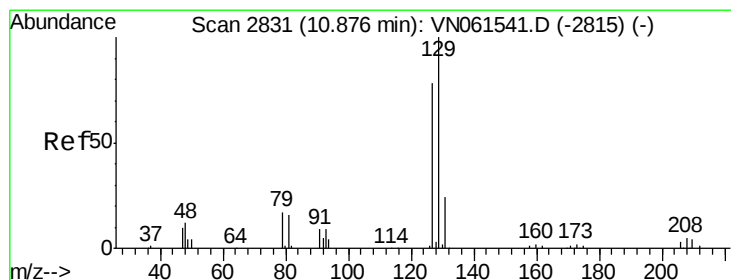
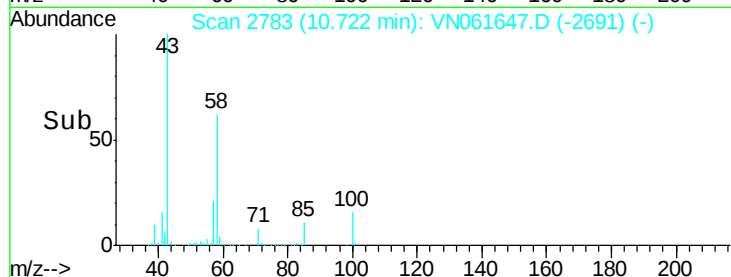
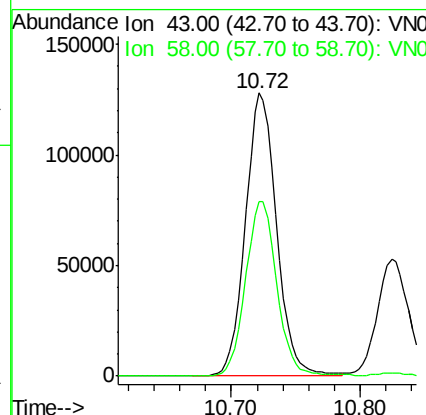
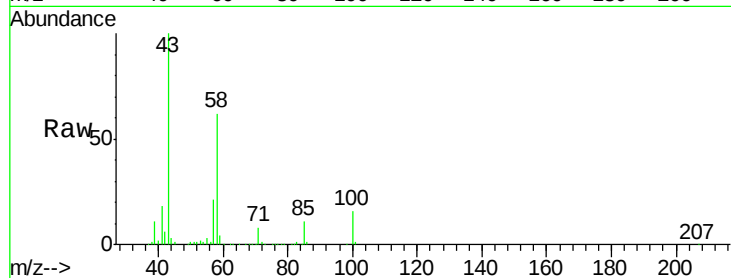




#59
2-Hexanone
Concen: 80.458 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061647.D
Acq: 4 Jun 2020 12:33

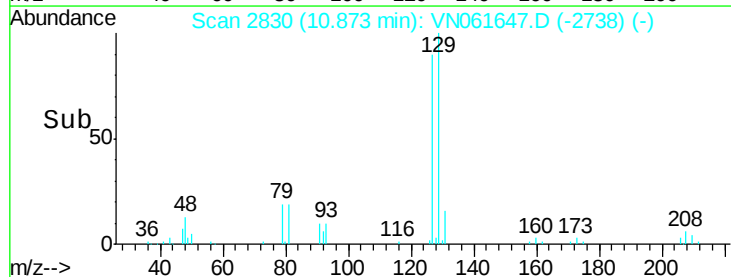
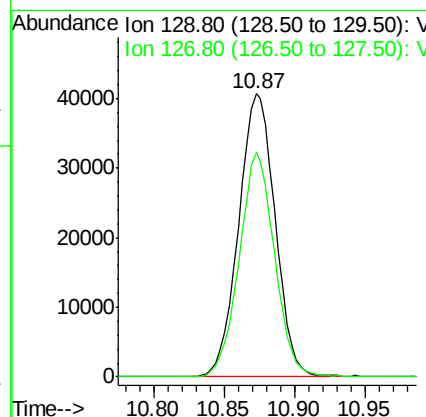
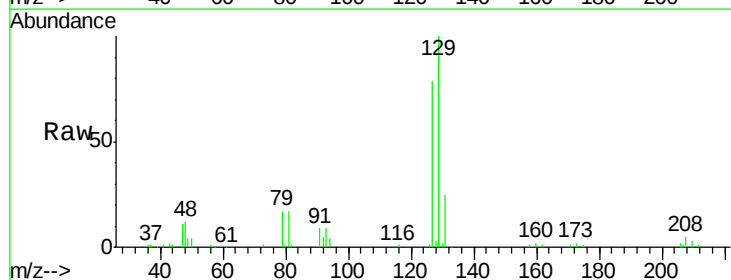
Instrument :
MSVOA_N
ClientSampleId :
VN0604WBS01

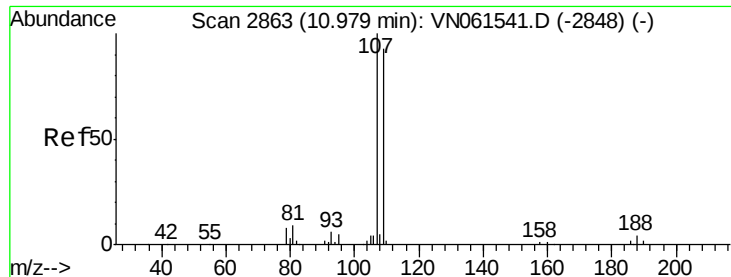
Tot Ion: 43 Resp: 215424
Ion Ratio Lower Upper
43 100
58 61.9 30.7 92.1



#60
Dibromochloromethane
Concen: 17.680 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061647.D
Acq: 4 Jun 2020 12:33

Tgt Ion: 129 Resp: 73625
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.3

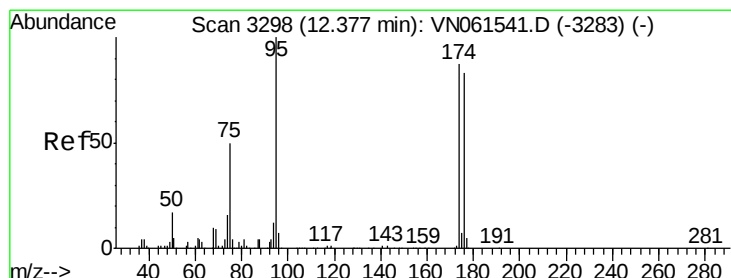
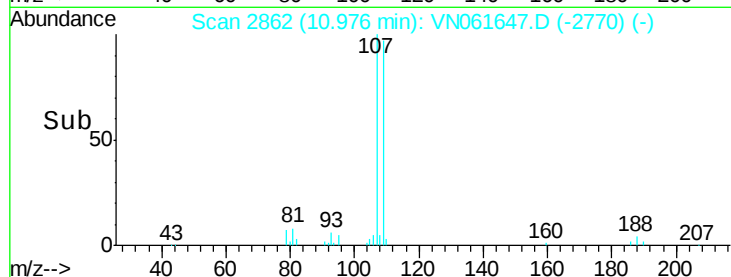
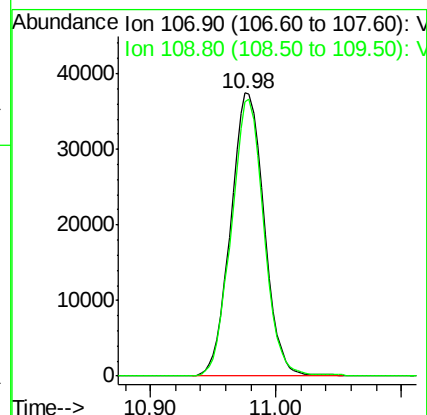
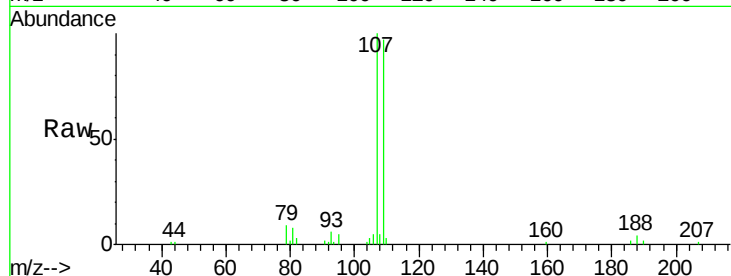




#61
 1,2-Dibromoethane
 Concen: 18.160 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061647.D
 Acq: 4 Jun 2020 12:33

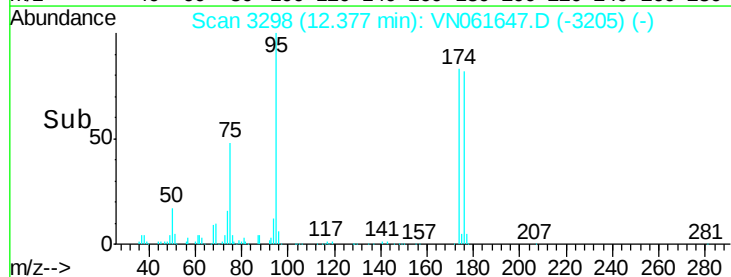
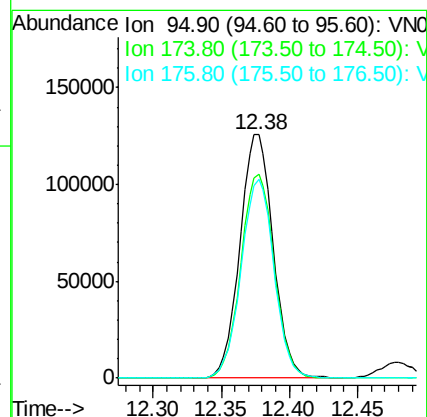
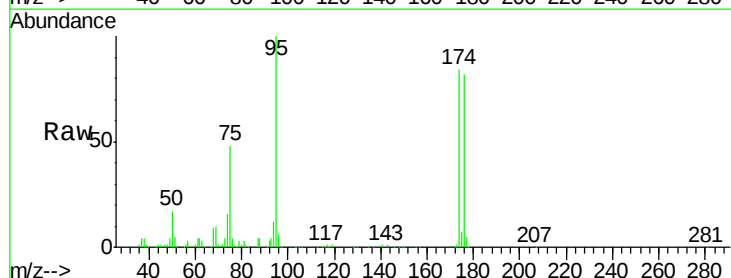
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604WBS01

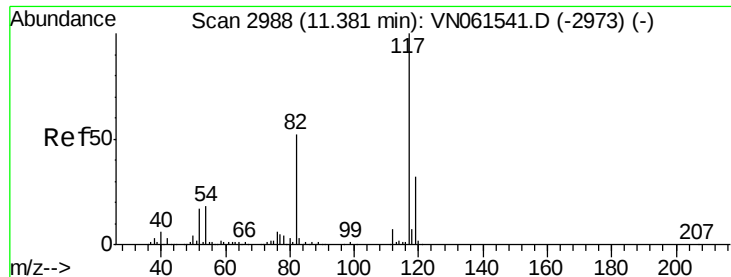
Tot Ion:107 Resp: 69378
 Ion Ratio Lower Upper
 107 100
 109 94.6 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 48.100 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061647.D
 Acq: 4 Jun 2020 12:33

Tgt Ion: 95 Resp: 212758
 Ion Ratio Lower Upper
 95 100
 174 84.2 0.0 172.8
 176 80.9 0.0 164.8

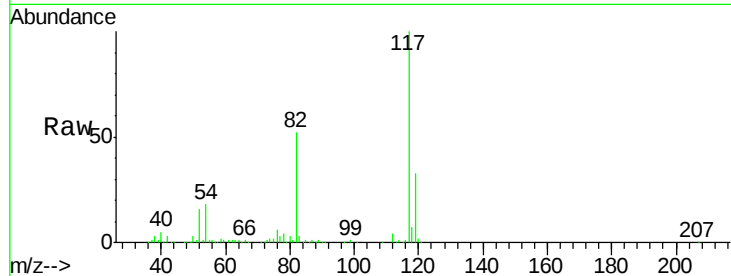




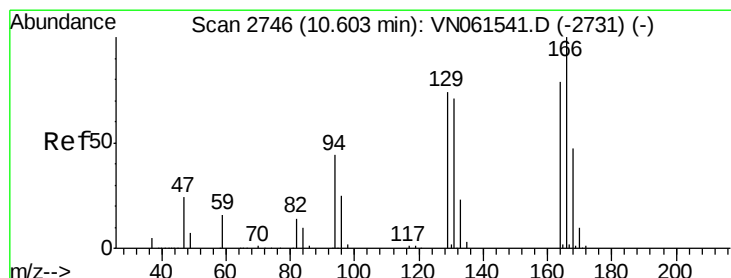
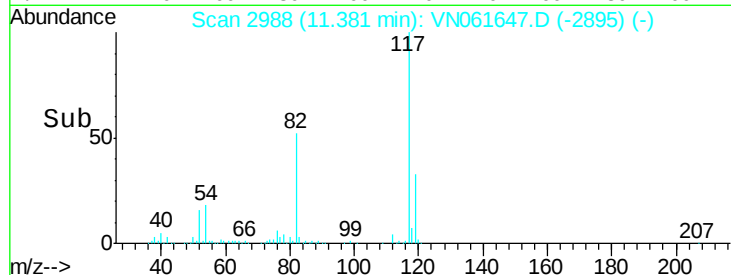
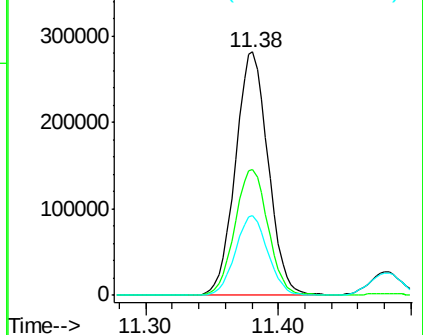
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061647.D
Acq: 4 Jun 2020 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN0604WBS01

Tot Ion:117 Resp: 484420
Ion Ratio Lower Upper
117 100
82 51.7 41.5 62.3
119 32.5 25.6 38.4

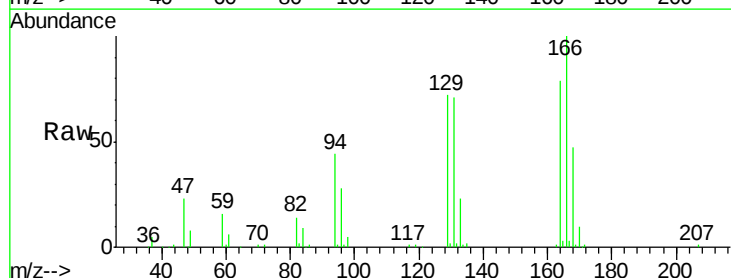


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

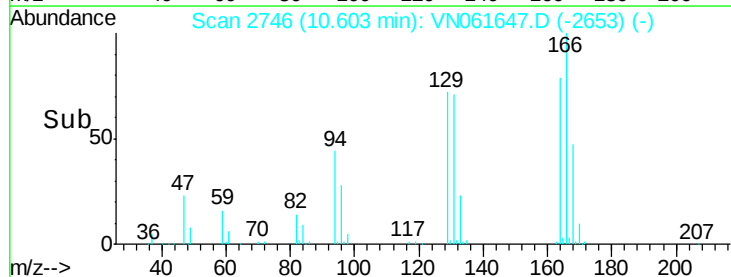
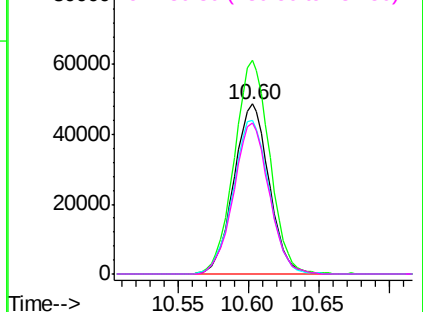


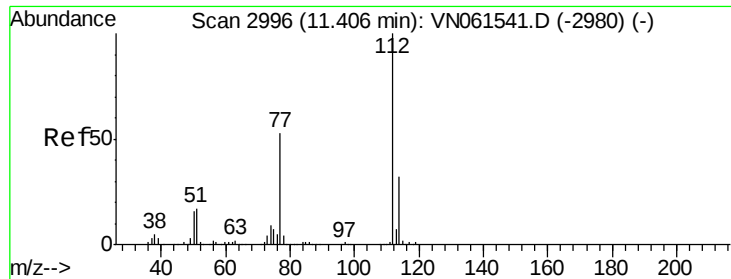
#64
Tetrachloroethene
Concen: 18.630 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061647.D
Acq: 4 Jun 2020 12:33

Tgt Ion:164 Resp: 84950
Ion Ratio Lower Upper
164 100
166 125.9 101.5 152.3
129 90.8 74.9 112.3
131 89.2 72.2 108.2



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





#65

Chlorobenzene

Concen: 18.703 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

Instrument :

MSVOA_N

ClientSampleId :

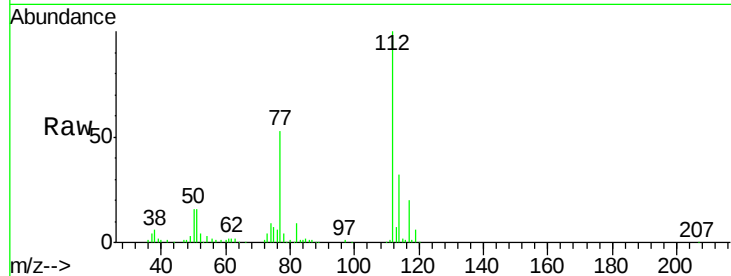
VN0604WBS01

Tot Ion:112 Resp: 188326

Ion Ratio Lower Upper

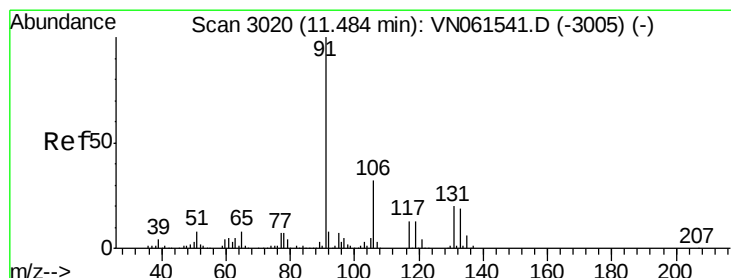
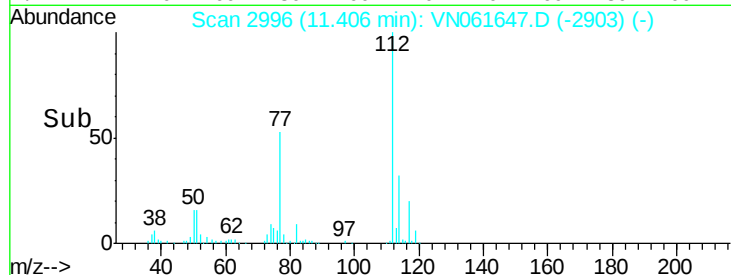
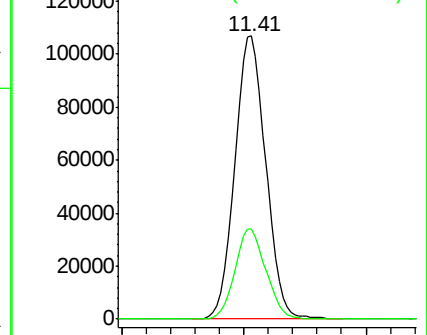
112 100

114 31.8 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.619 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

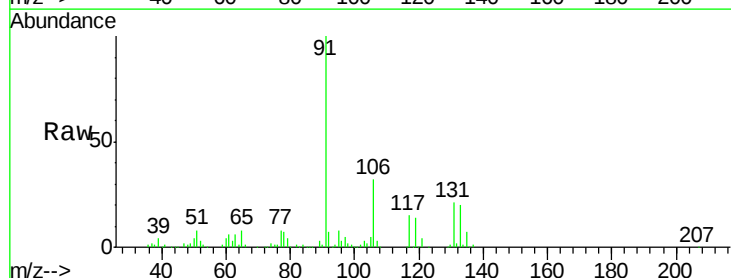
Tgt Ion:131 Resp: 69809

Ion Ratio Lower Upper

131 100

133 94.3 47.4 142.2

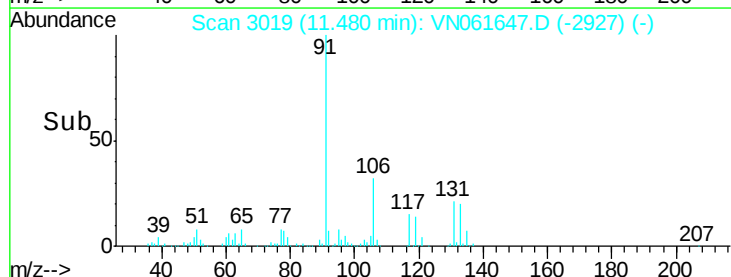
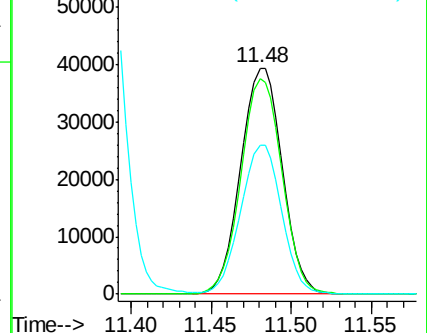
119 65.1 32.6 97.8

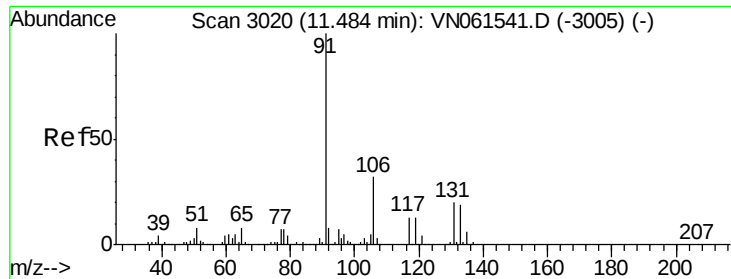


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

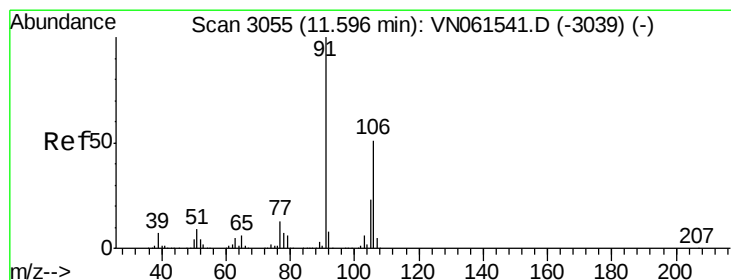
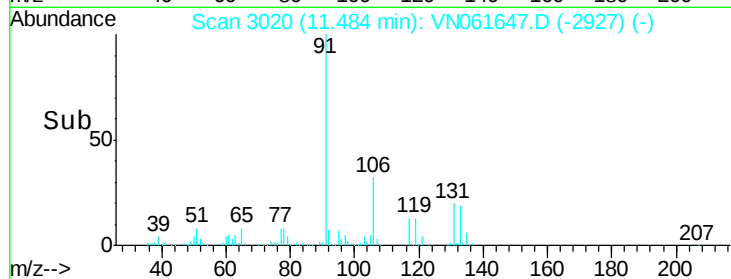
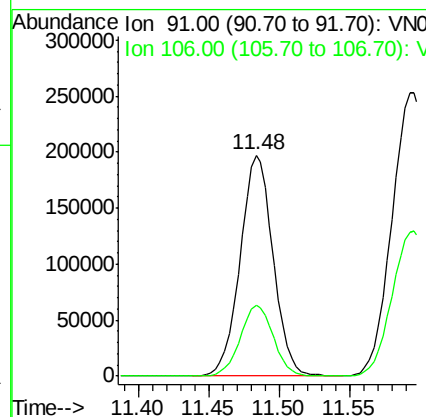
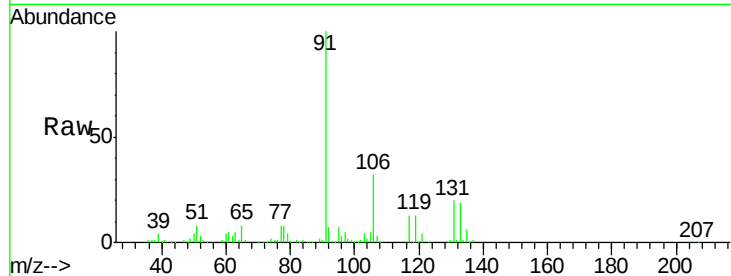




#67
Ethyl Benzene
Concen: 18.505 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061647.D
Acq: 4 Jun 2020 12:33

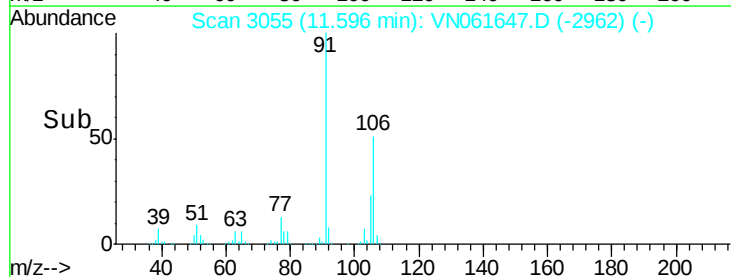
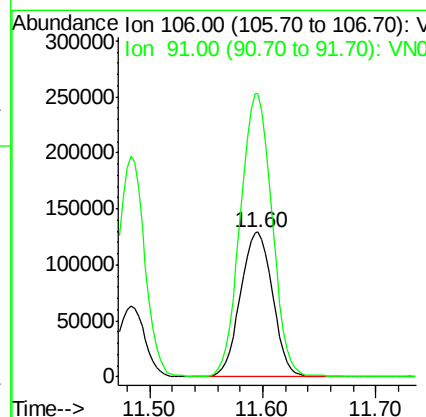
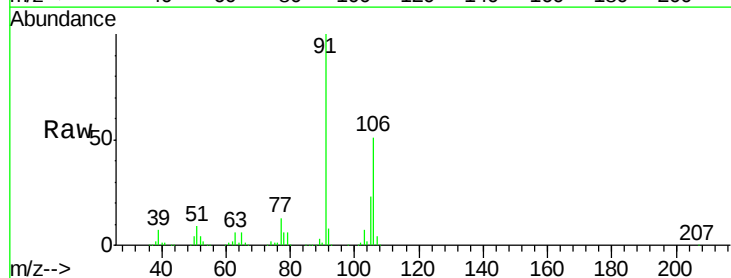
Instrument :
MSVOA_N
ClientSampled :
VN0604WBS01

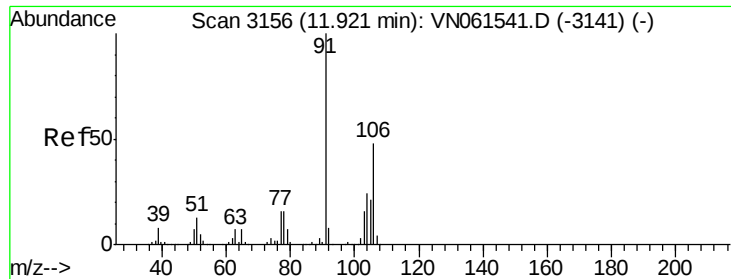
Tot Ion: 91 Resp: 322063
Ion Ratio Lower Upper
91 100
106 32.2 25.6 38.4



#68
m/p-Xylenes
Concen: 37.167 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN061647.D
Acq: 4 Jun 2020 12:33

Tgt Ion: 106 Resp: 256479
Ion Ratio Lower Upper
106 100
91 193.2 156.2 234.4

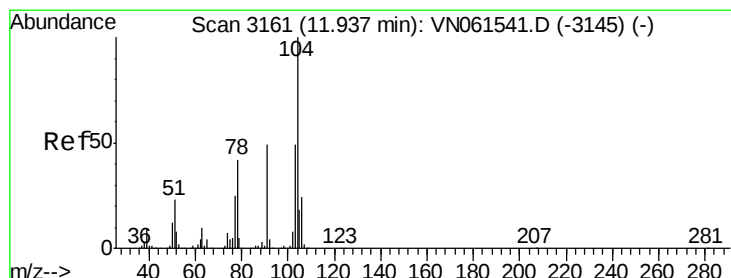
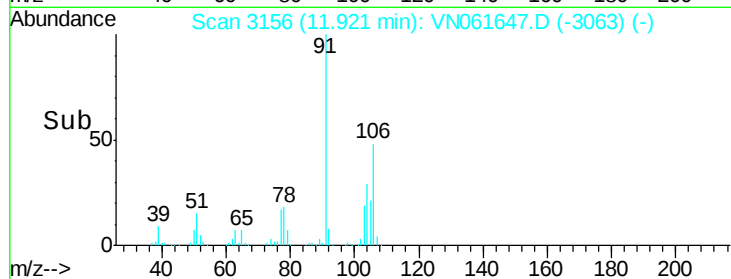
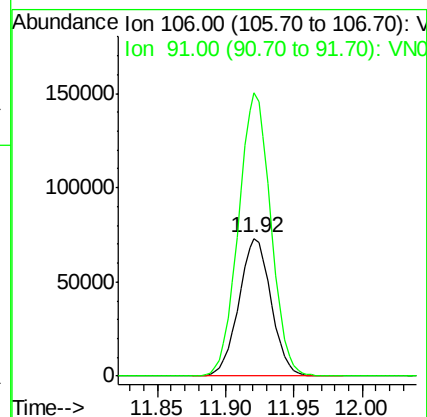
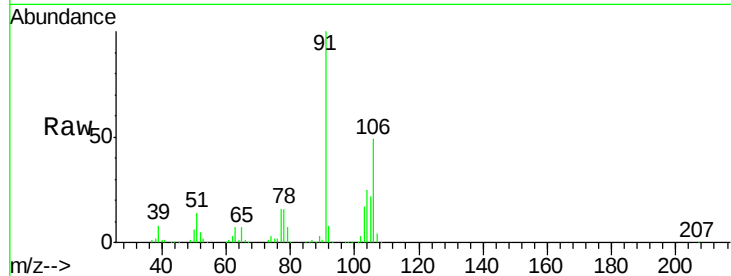




#69
o-Xylene
Concen: 18.331 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061647.D
Acq: 4 Jun 2020 12:33

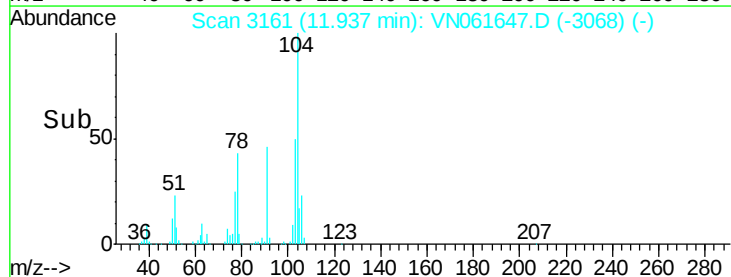
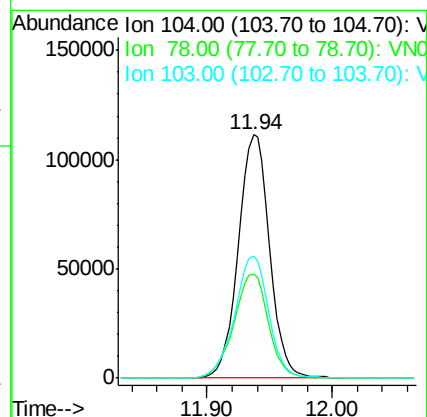
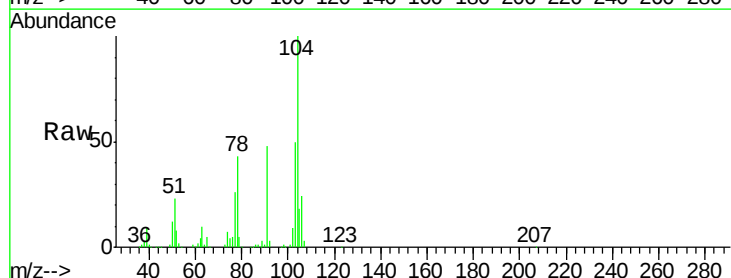
Instrument :
MSVOA_N
ClientSampled :
VN0604WBS01

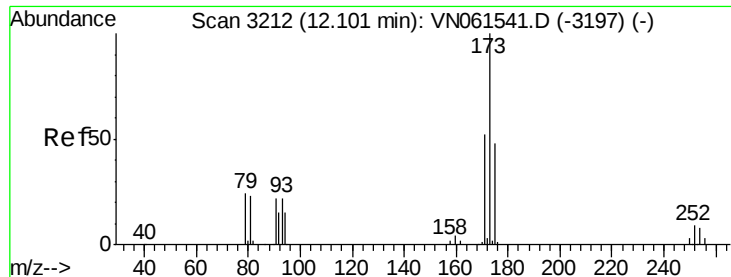
Tot Ion:106 Resp: 120145
Ion Ratio Lower Upper
106 100
91 205.9 103.3 309.8



#70
Styrene
Concen: 17.784 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061647.D
Acq: 4 Jun 2020 12:33

Tgt Ion:104 Resp: 193033
Ion Ratio Lower Upper
104 100
78 47.3 37.4 56.0
103 54.4 42.3 63.5

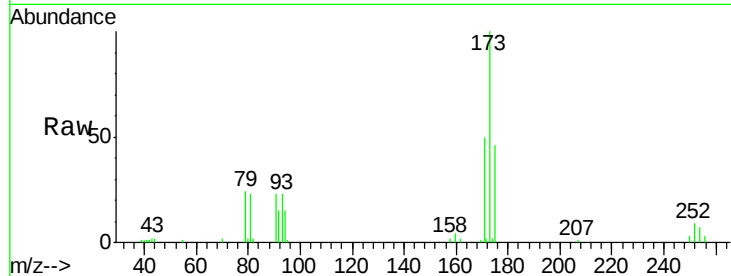




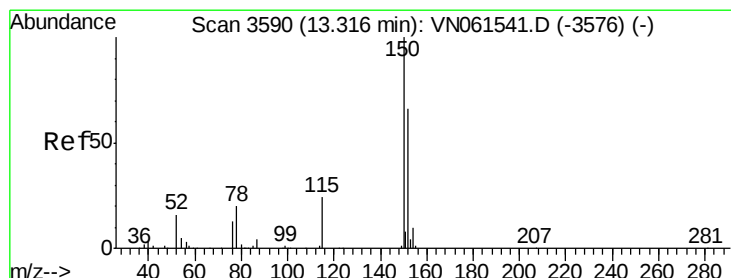
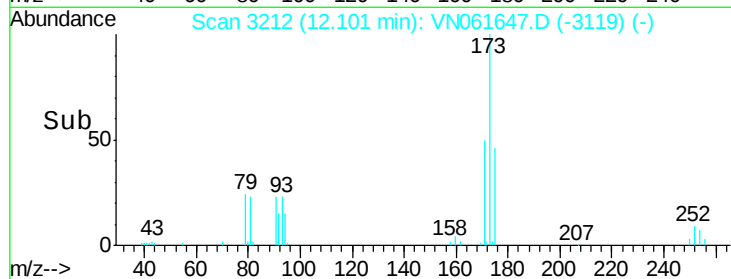
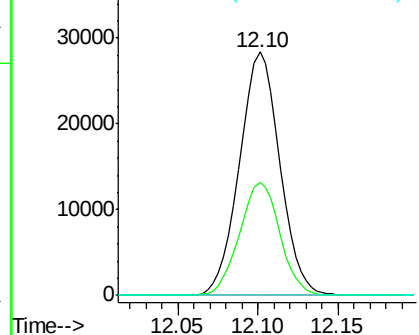
#71
Bromoform
Concen: 16.875 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN061647.D
Acq: 4 Jun 2020 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN0604WBS01

Tot Ion:173 Resp: 48754
Ion Ratio Lower Upper
173 100
175 46.3 24.4 73.2
254 0.0 0.0 0.0

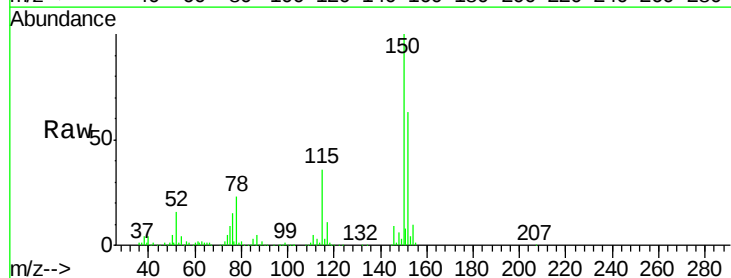


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

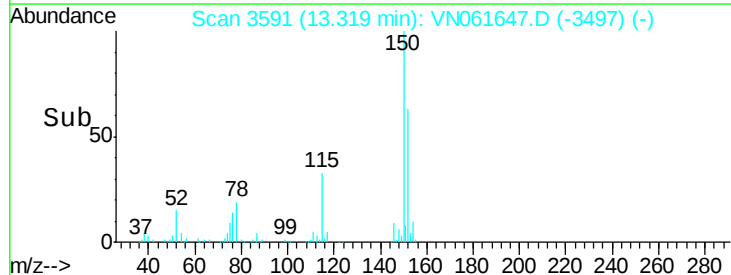
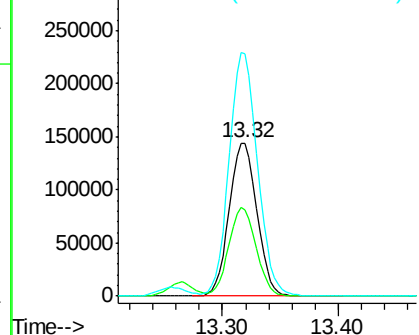


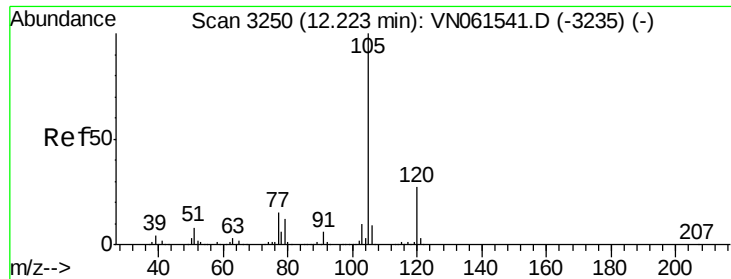
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061647.D
Acq: 4 Jun 2020 12:33

Tgt Ion:152 Resp: 237787
Ion Ratio Lower Upper
152 100
115 56.7 28.0 84.0
150 162.6 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: 18.307 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

Instrument :

MSVOA_N

ClientSampleId :

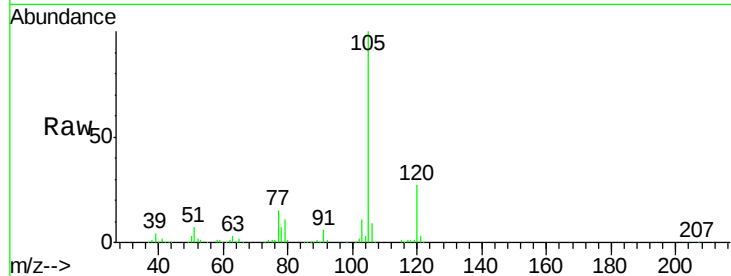
VN0604WBS01

Tot Ion:105 Resp: 317725

Ion Ratio Lower Upper

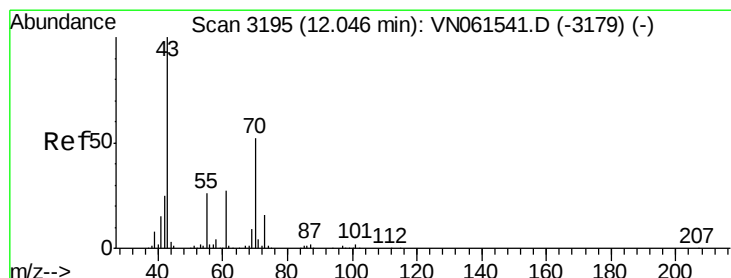
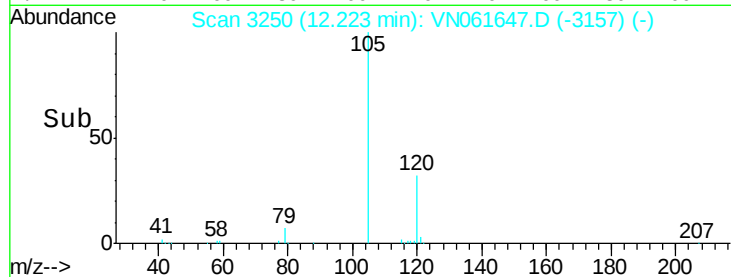
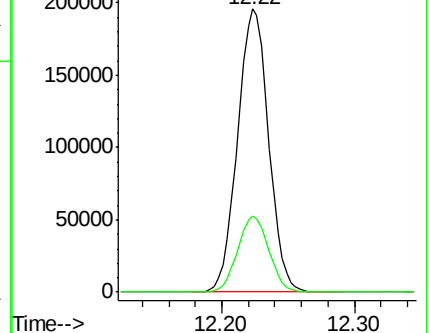
105 100

120 26.9 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 15.600 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

Tgt Ion: 43 Resp: 85266

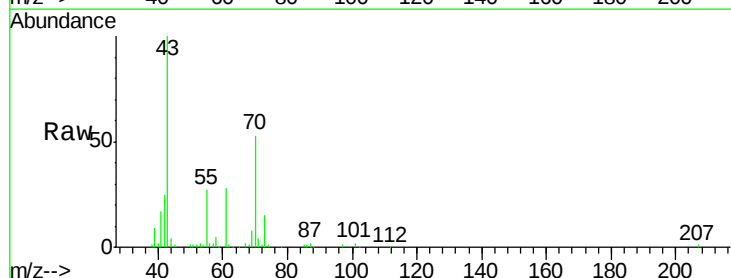
Ion Ratio Lower Upper

43 100

70 52.7 40.5 60.7

55 27.9 20.6 31.0

61 27.6 21.8 32.6

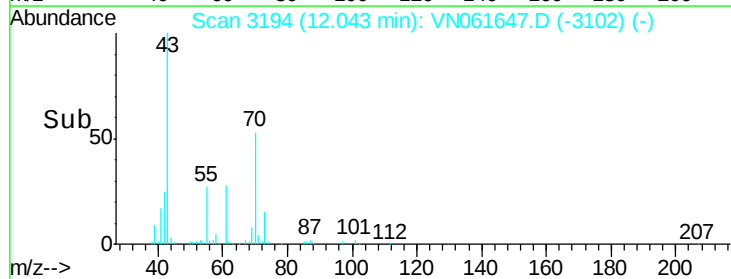
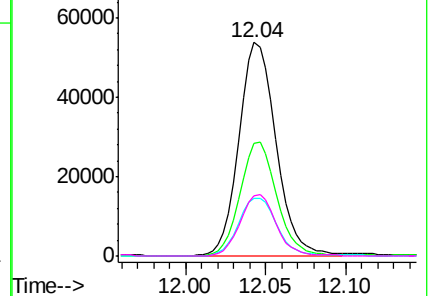


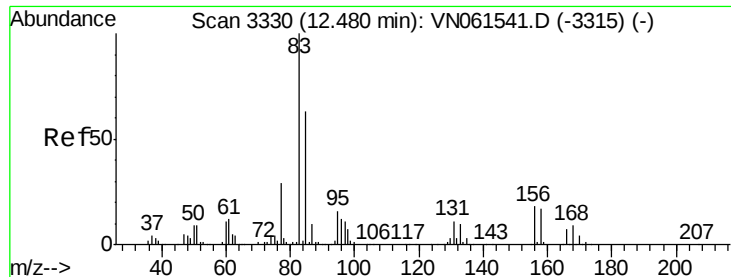
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 17.305 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

Instrument :

MSVOA_N

ClientSampled :

VN0604WBS01

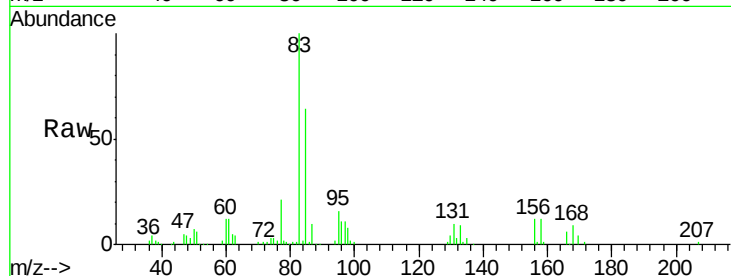
Tot Ion: 83 Resp: 84162

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.5

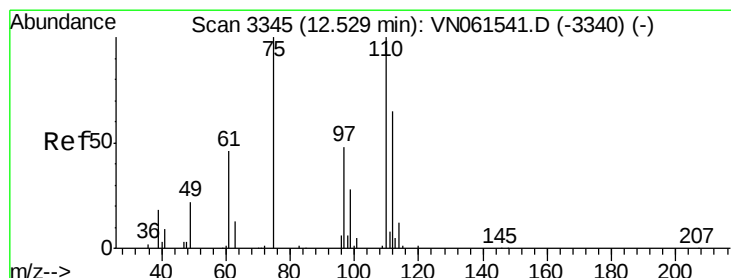
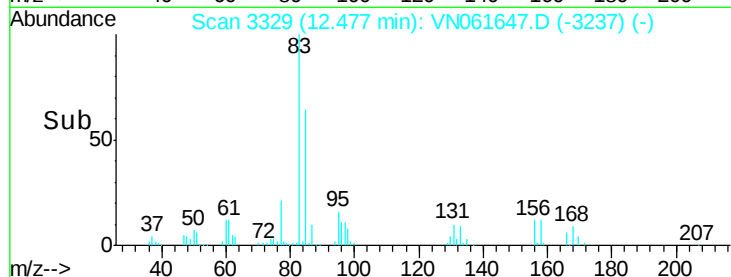
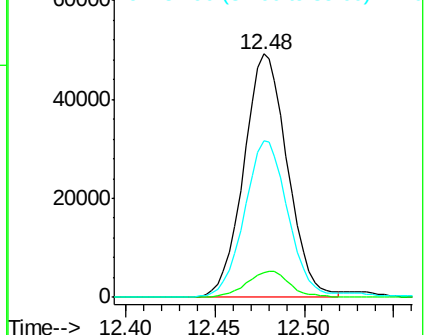
85 64.1 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 18.346 ug/l m

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061647.D

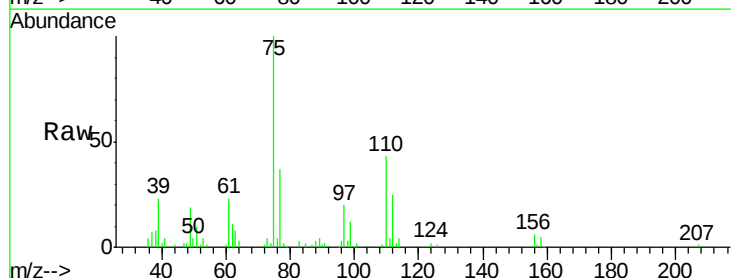
Acq: 4 Jun 2020 12:33

Tgt Ion: 75 Resp: 79328

Ion Ratio Lower Upper

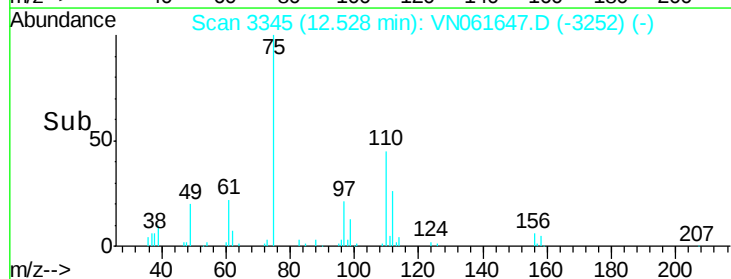
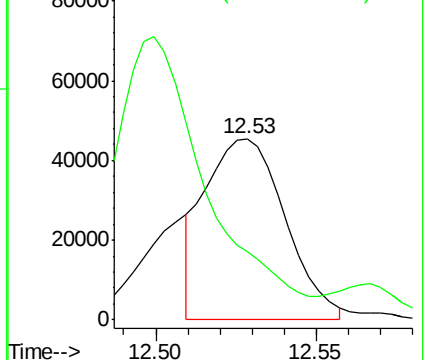
75 100

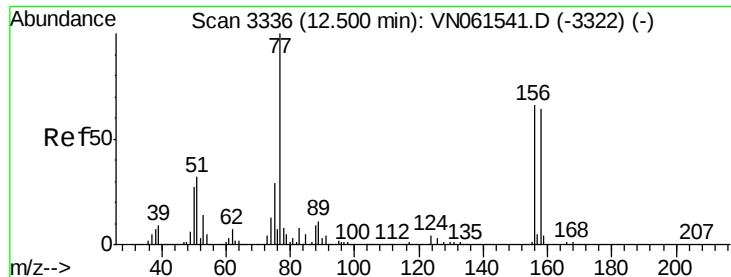
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.461 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0604WBS01

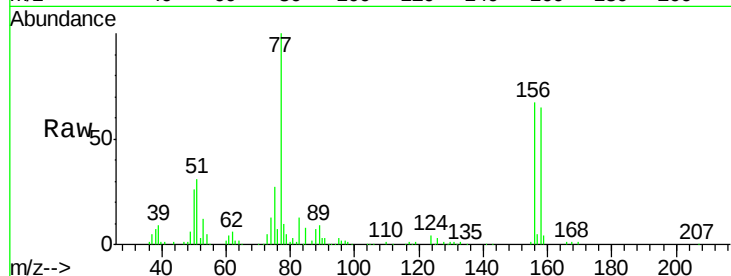
Tot Ion:156 Resp: 81782

Ion Ratio Lower Upper

156 100

77 176.7 90.9 272.7

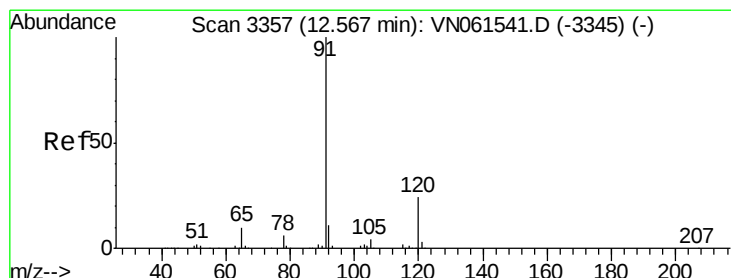
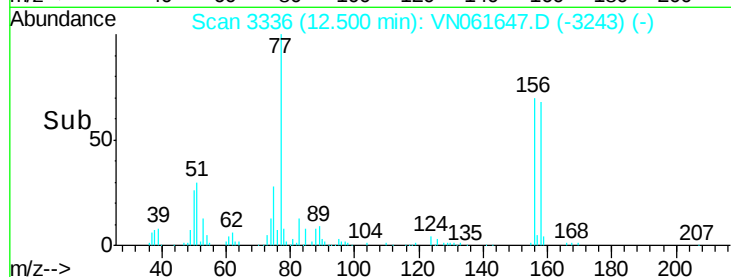
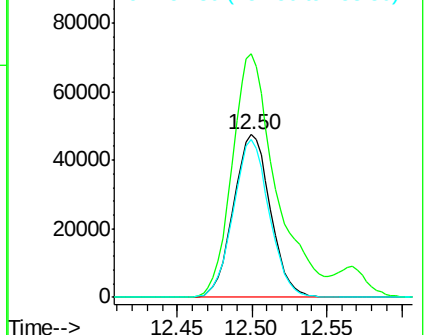
158 94.5 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.205 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061647.D

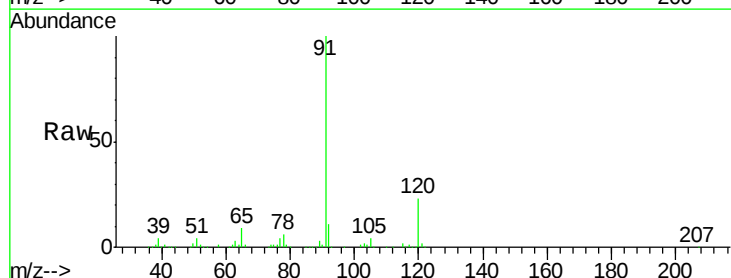
Acq: 4 Jun 2020 12:33

Tgt Ion: 91 Resp: 352733

Ion Ratio Lower Upper

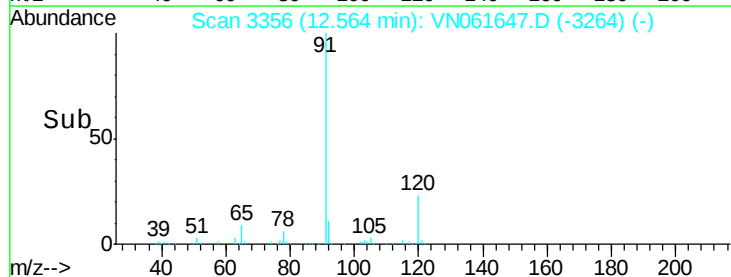
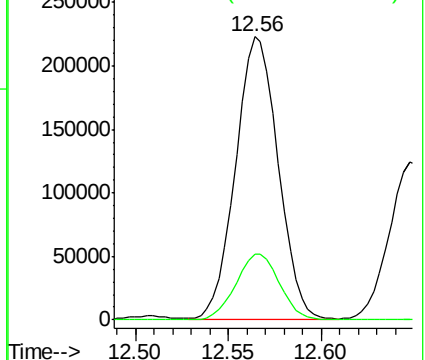
91 100

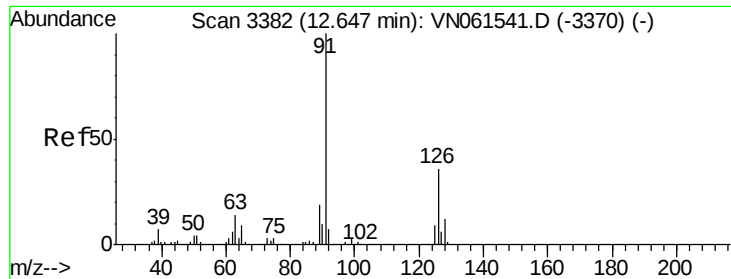
120 24.1 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.715 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

Instrument :

MSVOA_N

ClientSampled :

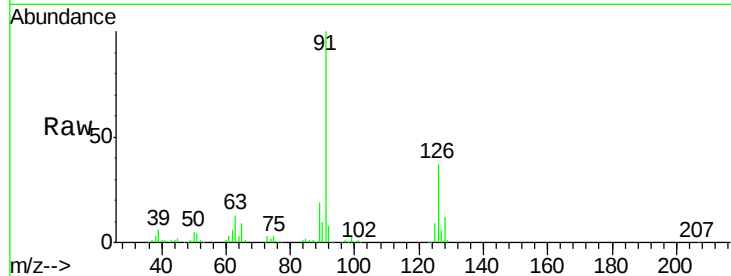
VN0604WBS01

Tot Ion: 91 Resp: 204663

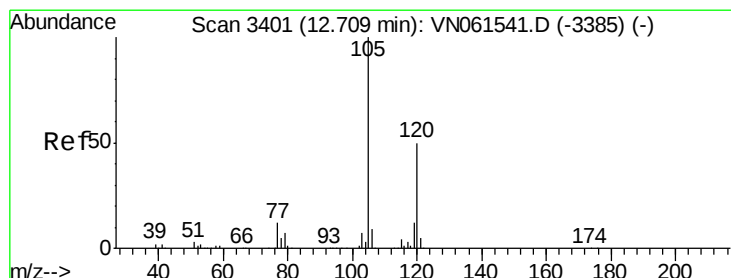
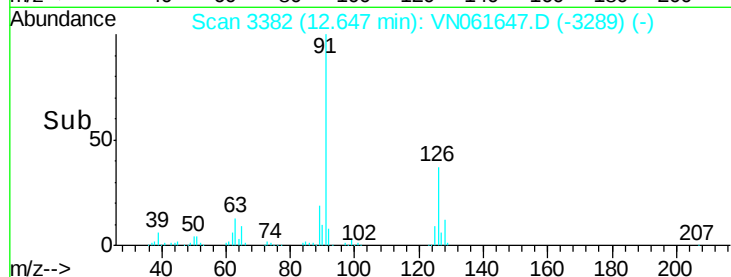
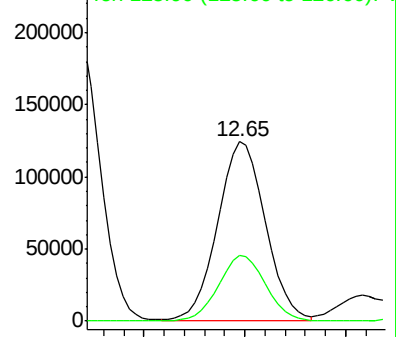
Ion Ratio Lower Upper

91 100

126 36.6 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN061647.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.101 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061647.D

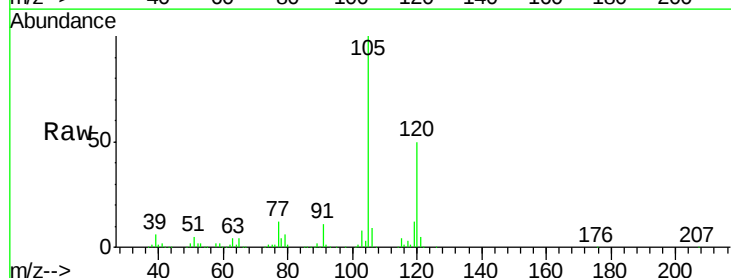
Acq: 4 Jun 2020 12:33

Tgt Ion: 105 Resp: 262573

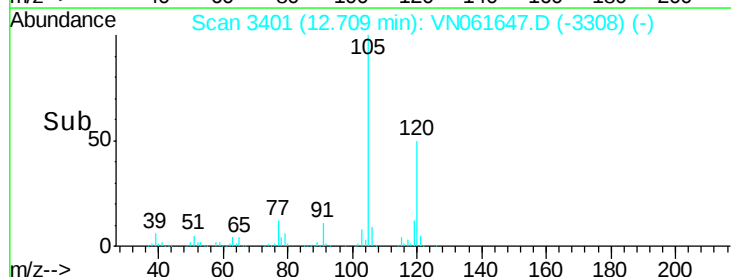
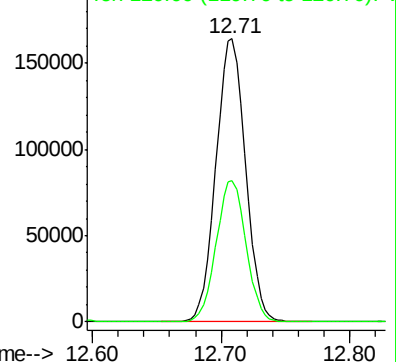
Ion Ratio Lower Upper

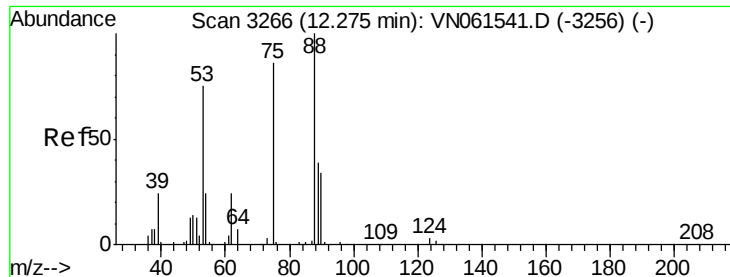
105 100

120 50.4 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN061647.D (-3401) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 15.523 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

Instrument :

MSVOA_N

ClientSampled :

VN0604WBS01

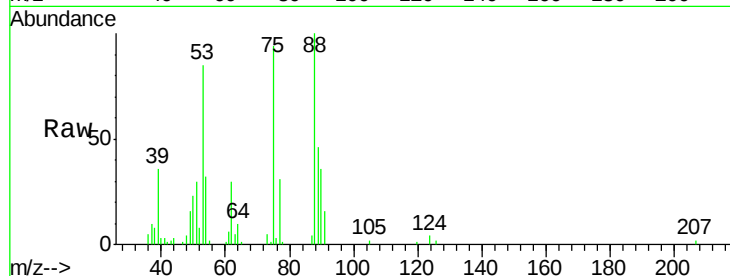
Tot Ion: 75 Resp: 26246

Ion Ratio Lower Upper

75 100

53 86.0 67.8 101.8

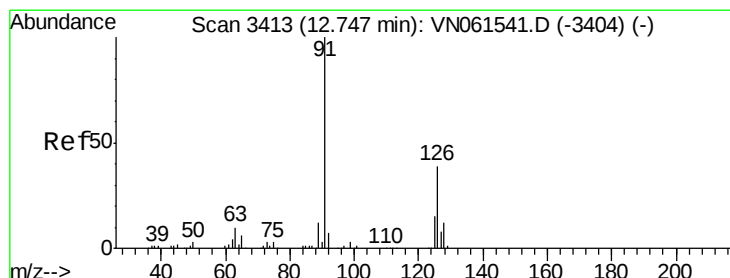
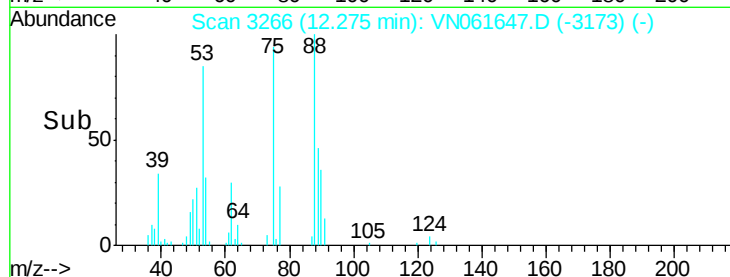
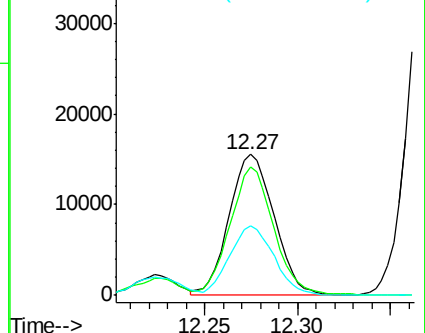
89 48.3 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VN061647.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN061647.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN061647.D (-3256) (-)



#82

4-Chlorotoluene

Concen: 17.939 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061647.D

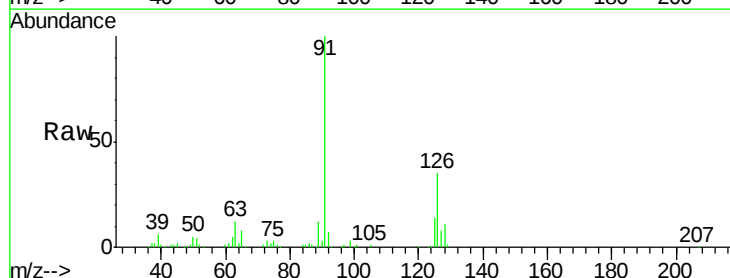
Acq: 4 Jun 2020 12:33

Tgt Ion: 91 Resp: 218031

Ion Ratio Lower Upper

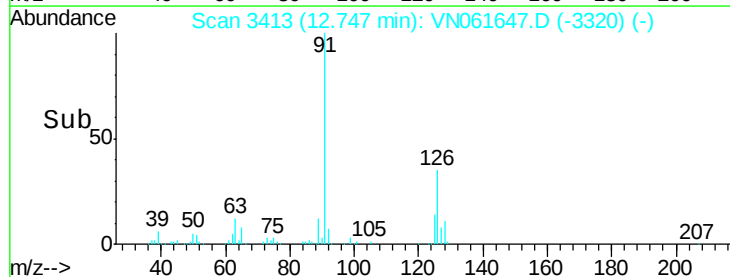
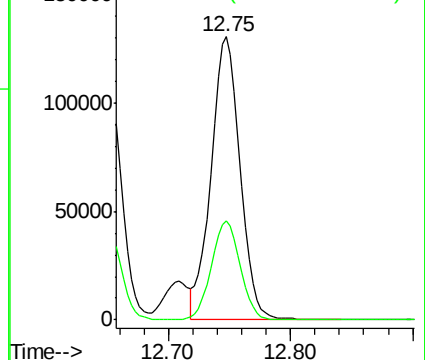
91 100

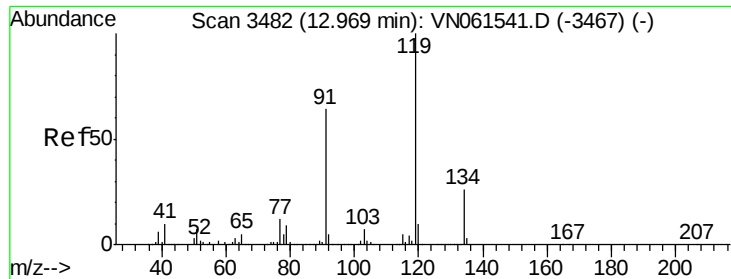
126 34.3 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN061647.D (-3404) (-)

Ion 125.90 (125.60 to 126.60): VN061647.D (-3404) (-)

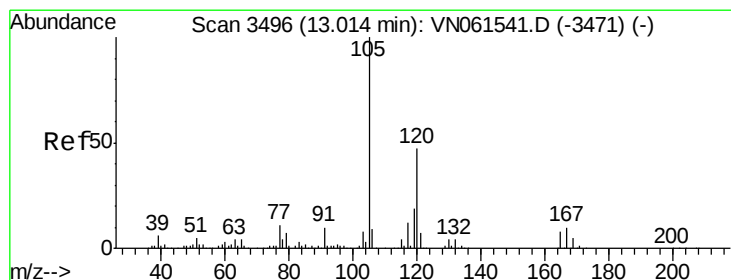
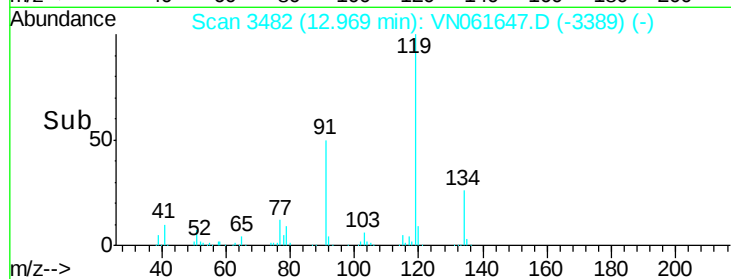
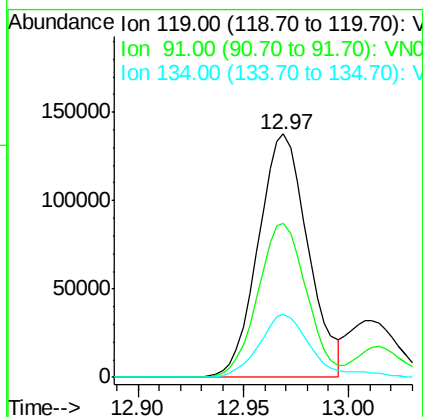
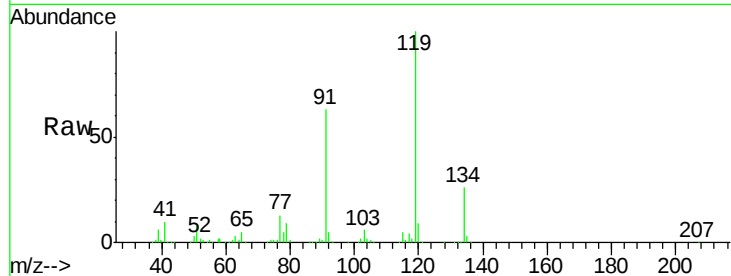




#83
 tert-Butylbenzene
 Concen: 17.662 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061647.D
 Acq: 4 Jun 2020 12:33

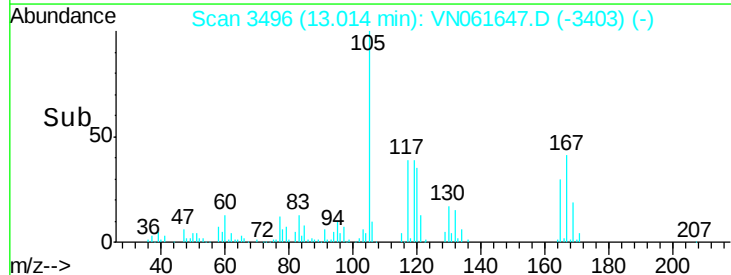
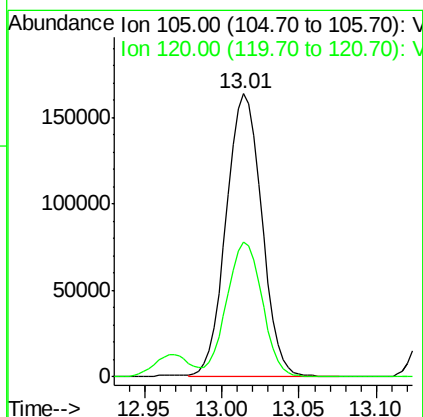
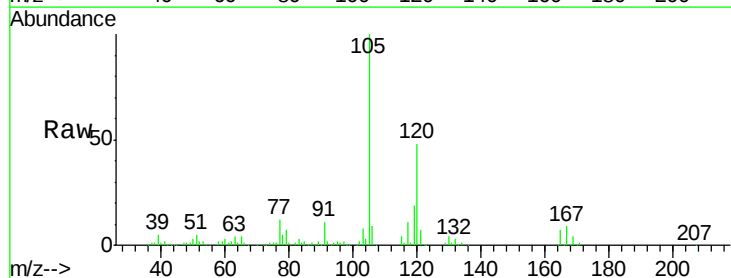
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604WBS01

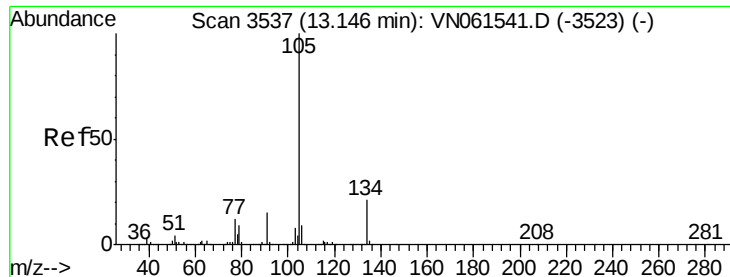
Tot Ion:119 Resp: 226364
 Ion Ratio Lower Upper
 119 100
 91 61.8 31.3 93.8
 134 25.8 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 18.107 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061647.D
 Acq: 4 Jun 2020 12:33

Tgt Ion:105 Resp: 260932
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.2 69.5





#85

sec-Butylbenzene

Concen: 17.463 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

Instrument :

MSVOA_N

ClientSampled :

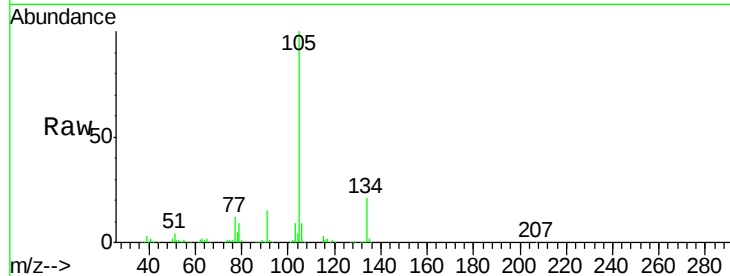
VN0604WBS01

Tot Ion:105 Resp: 288404

Ion Ratio Lower Upper

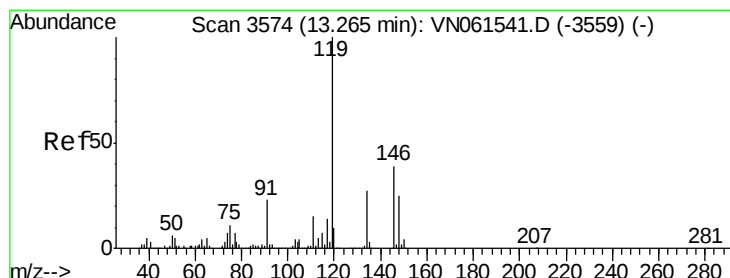
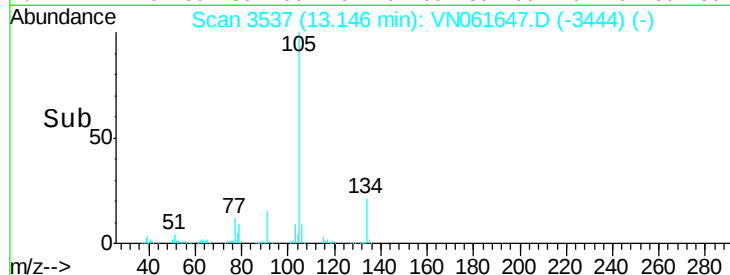
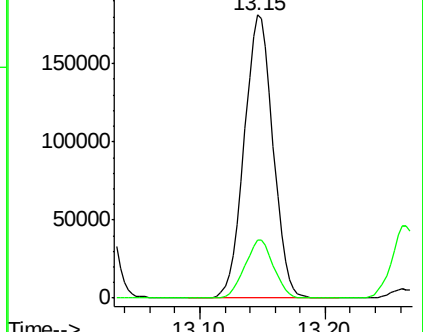
105 100

134 20.5 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.576 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

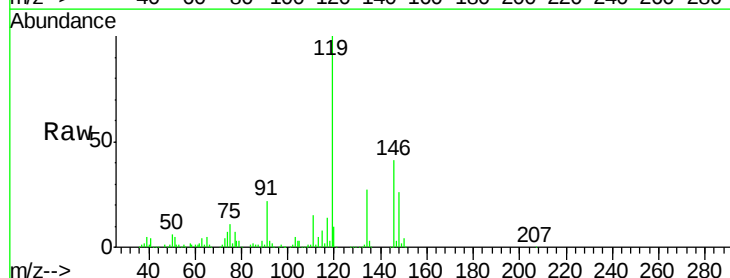
Tgt Ion:119 Resp: 267310

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.5

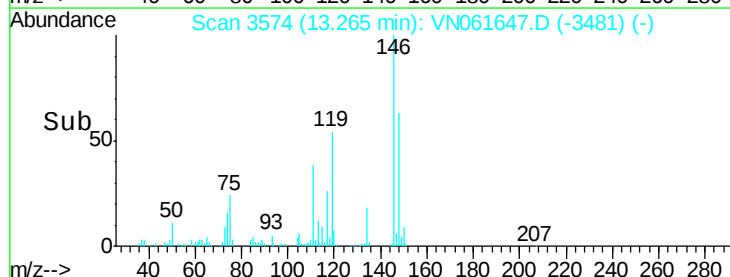
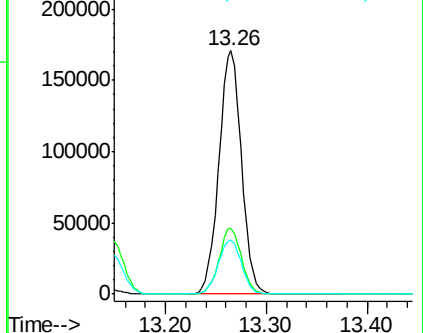
91 22.8 11.4 34.1

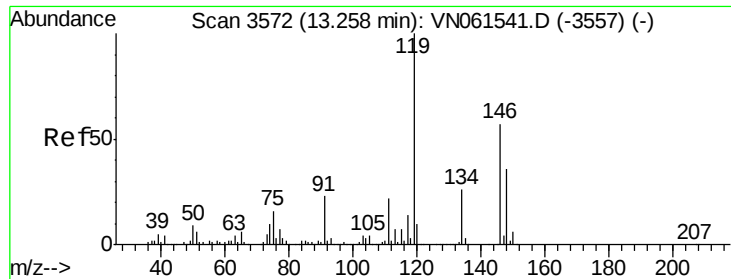


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

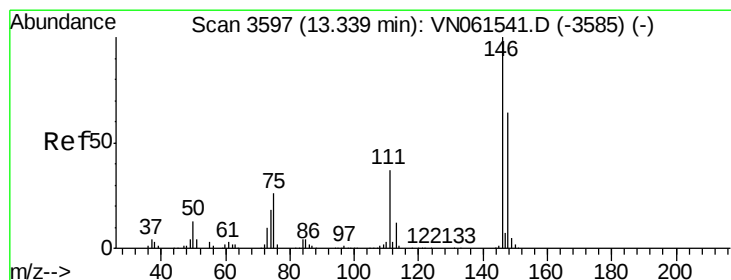
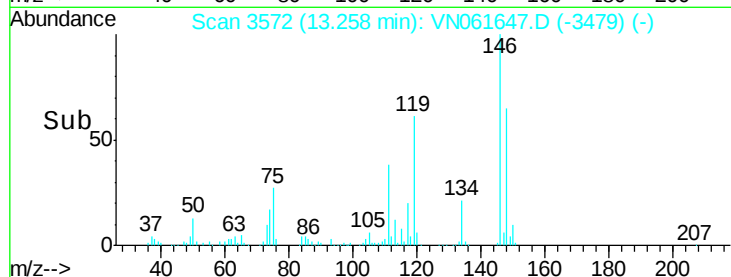
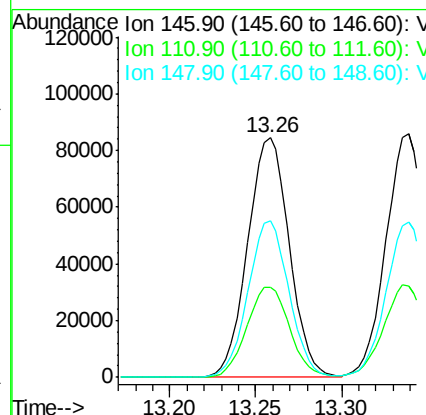
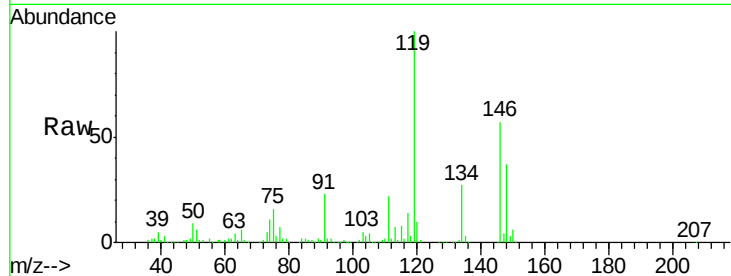




#87
 1,3-Dichlorobenzene
 Concen: 18.064 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061647.D
 Acq: 4 Jun 2020 12:33

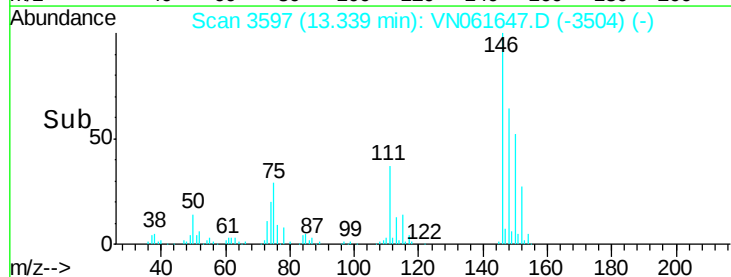
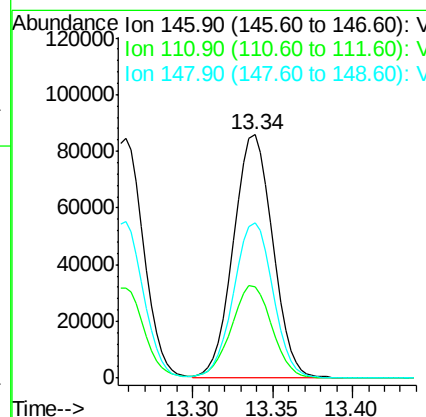
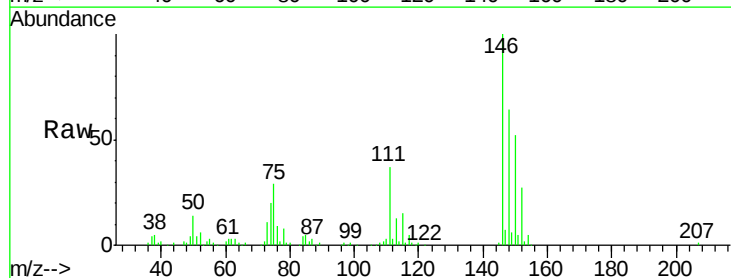
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604WBS01

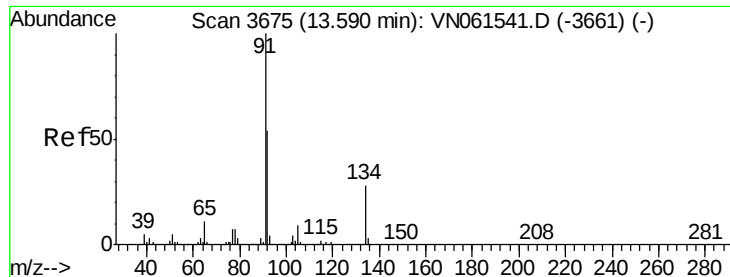
Tot Ion:146 Resp: 141705
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.2 57.6
 148 64.2 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 17.911 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061647.D
 Acq: 4 Jun 2020 12:33

Tgt Ion:146 Resp: 143136
 Ion Ratio Lower Upper
 146 100
 111 39.9 18.9 56.9
 148 64.5 31.8 95.3





#89

n-Butylbenzene

Concen: 16.839 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0604WBS01

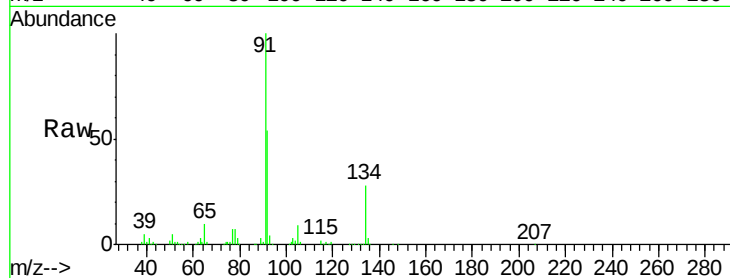
Tot Ion: 91 Resp: 214508

Ion Ratio Lower Upper

91 100

92 53.7 27.2 81.6

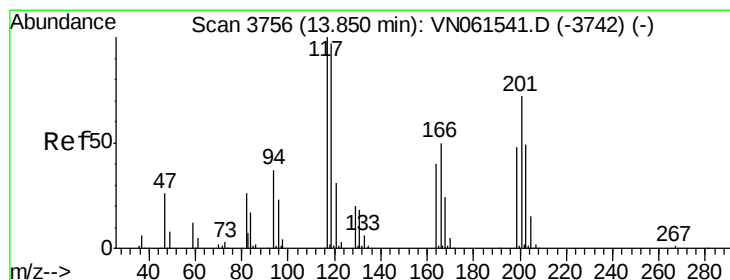
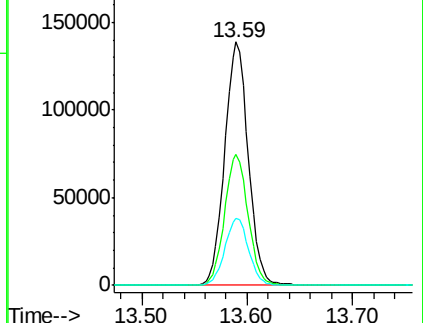
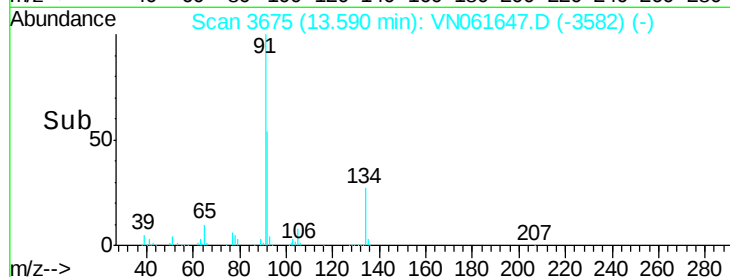
134 27.7 14.0 42.0



Abundance Ion 91.00 (90.70 to 91.70): VN061647.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN061647.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN061647.D (-3582) (-)



#90

Hexachloroethane

Concen: 20.707 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN061647.D

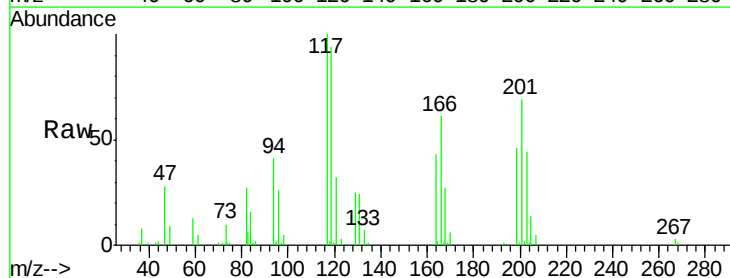
Acq: 4 Jun 2020 12:33

Tgt Ion: 117 Resp: 34830

Ion Ratio Lower Upper

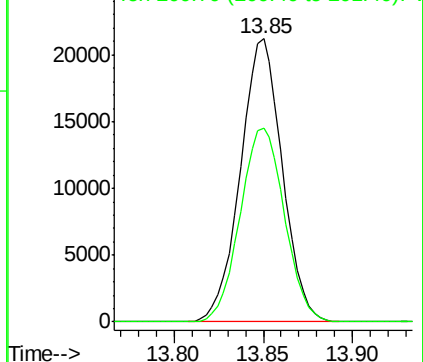
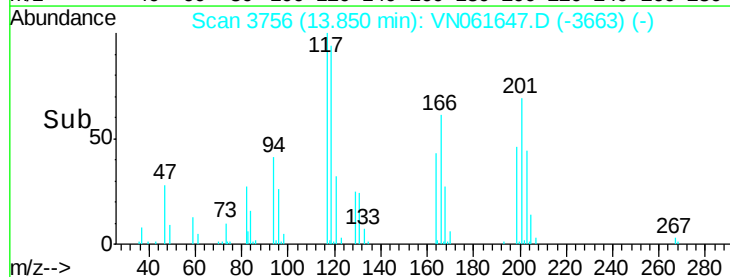
117 100

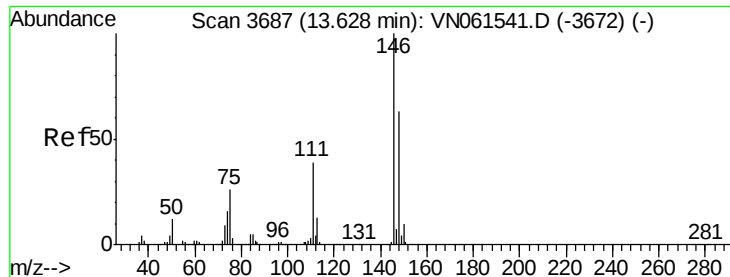
201 72.4 36.7 110.1



Abundance Ion 116.80 (116.50 to 117.50): VN061647.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN061647.D (-3663) (-)

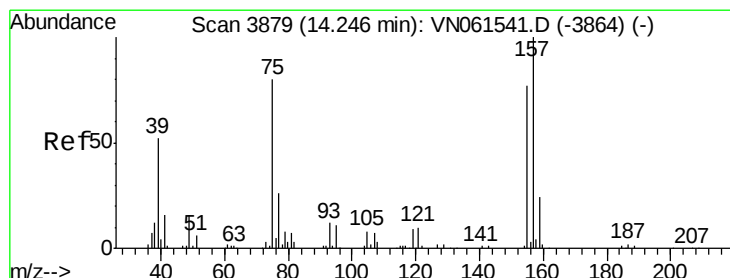
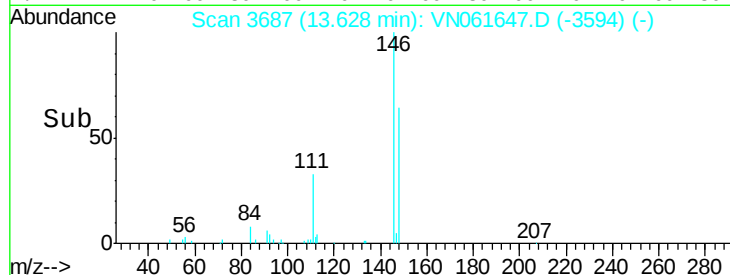
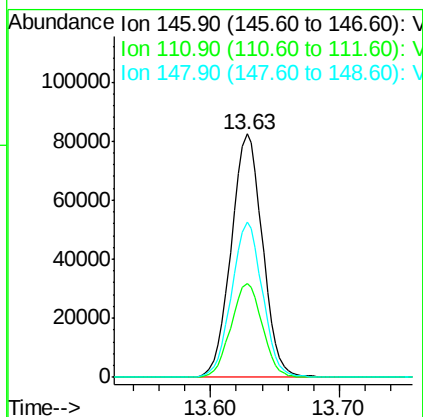
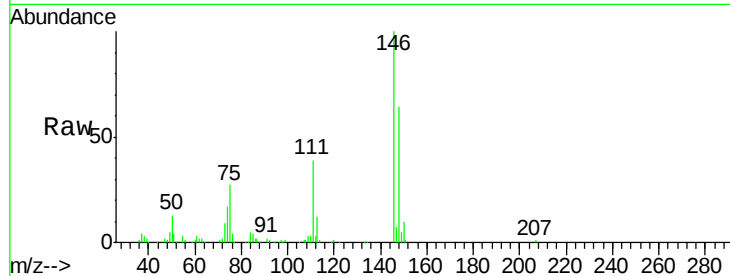




#91
 1,2-Dichlorobenzene
 Concen: 18.563 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061647.D
 Acq: 4 Jun 2020 12:33

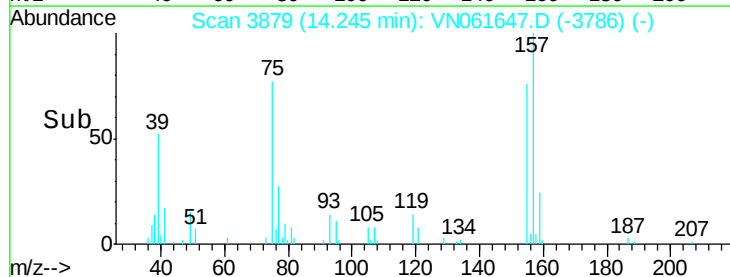
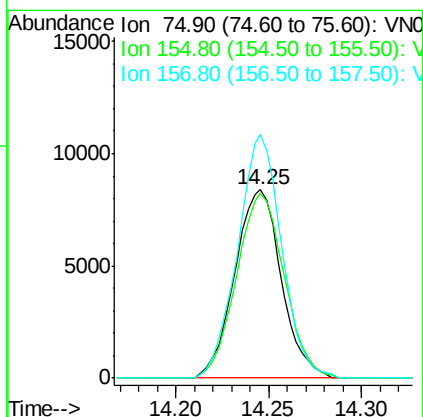
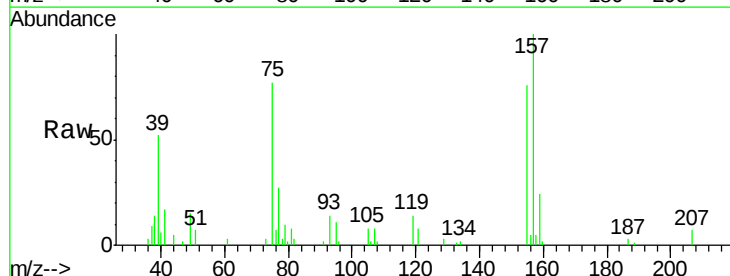
Instrument :
 MSVOA_N
 ClientSampled :
 VN0604WBS01

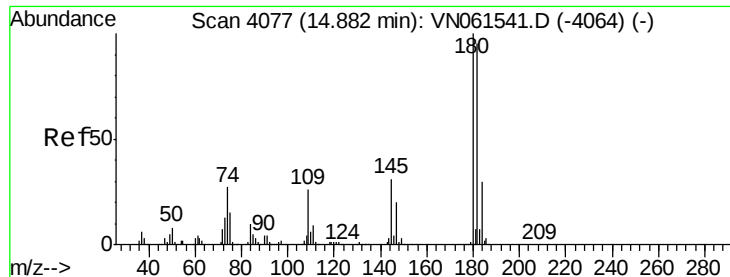
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	20.1	60.2
148	62.8	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 14.724 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN061647.D
 Acq: 4 Jun 2020 12:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.5	47.1	141.4
157	122.5	60.3	180.8

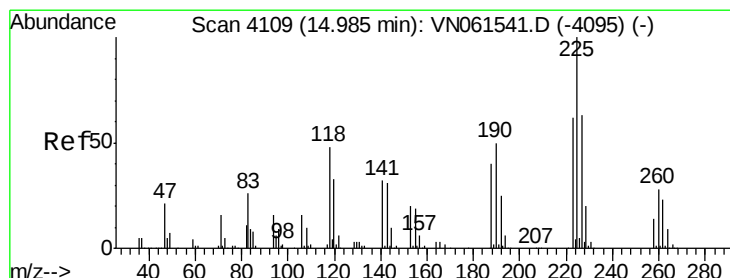
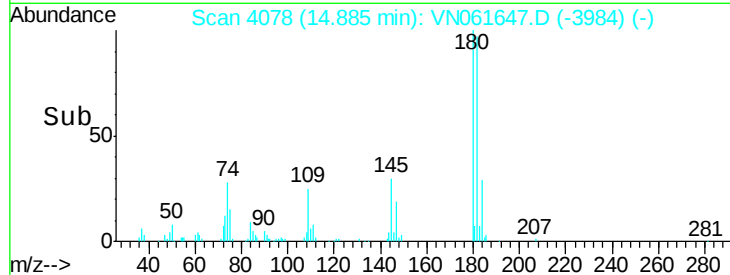
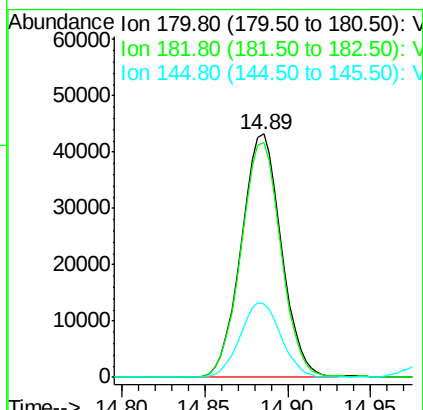
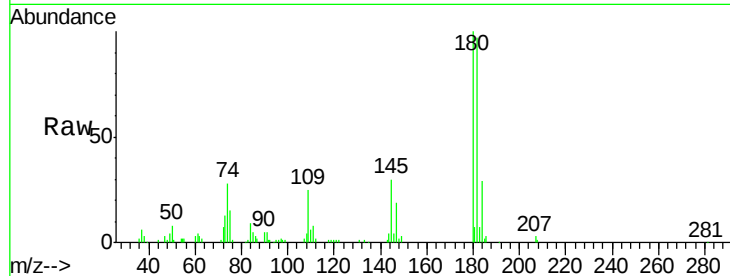




#93
 1,2,4-Trichlorobenzene
 Concen: 16.566 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061647.D
 Acq: 4 Jun 2020 12:33

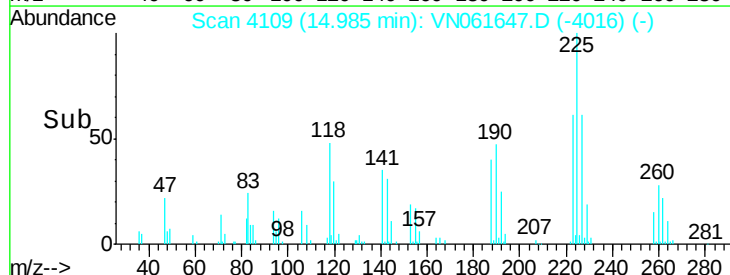
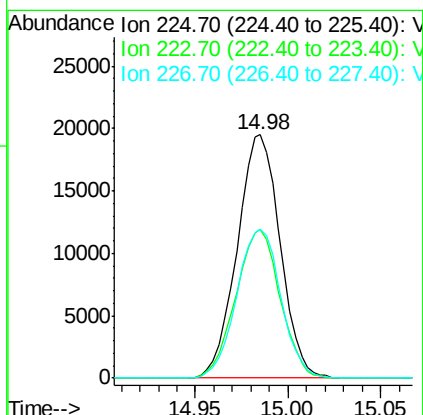
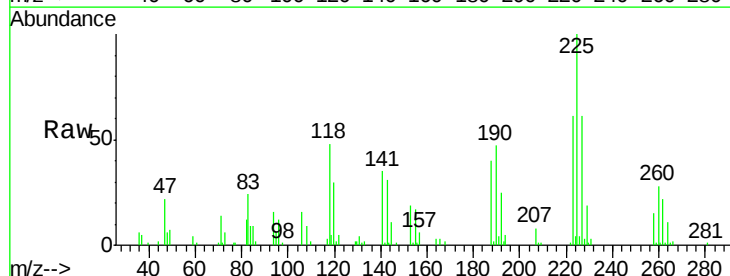
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604WBS01

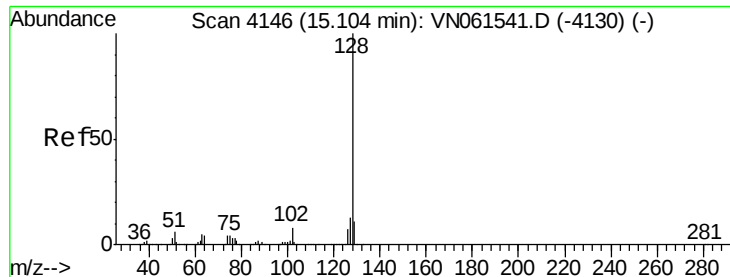
Tot Ion:180 Resp: 72635
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.8 143.3
 145 31.2 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 16.773 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN061647.D
 Acq: 4 Jun 2020 12:33

Tgt Ion:225 Resp: 31365
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.9 95.5
 227 62.8 31.9 95.9





#95

Naphthalene

Concen: 15.878 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0604WBS01

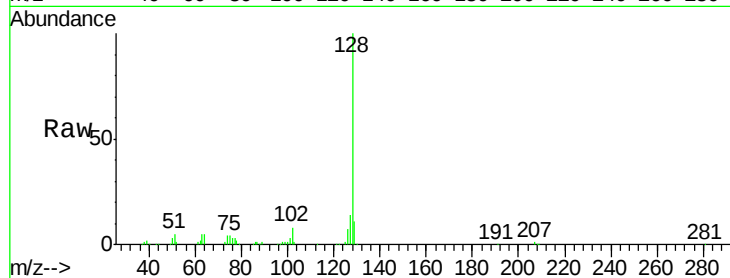
Tot Ion:128 Resp: 211902

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

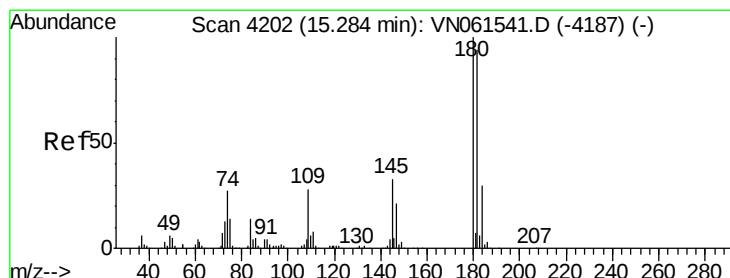
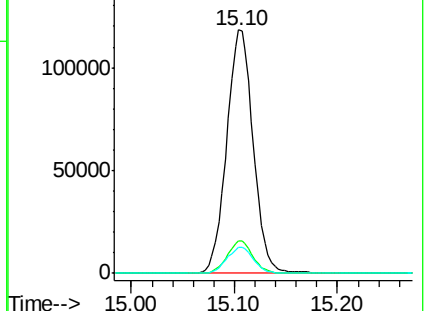
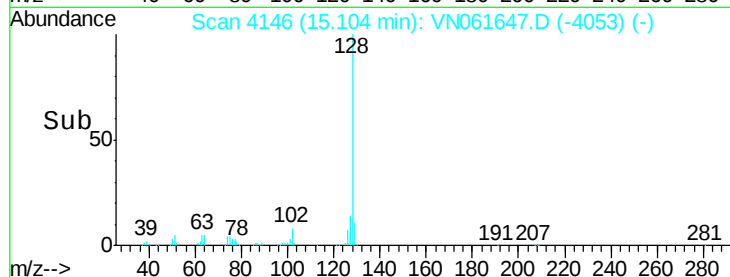
129 10.7 8.5 12.7



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: 17.115 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061647.D

Acq: 4 Jun 2020 12:33

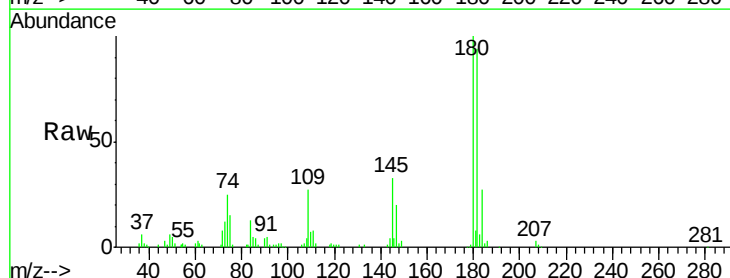
Tgt Ion:180 Resp: 73781

Ion Ratio Lower Upper

180 100

182 97.0 47.1 141.3

145 33.1 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

