

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
 Data File : VN061660.D
 Acq On : 5 Jun 2020 11:35
 Operator : JC/MD
 Sample : VN0605WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBS01

Quant Time: Jun 06 03:19:07 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	355685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	574320	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	536908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	269304	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	211692	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
35) Dibromofluoromethane	7.54	113	168947	57.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.98%	
50) Toluene-d8	10.06	98	727242	53.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.74%	
62) 4-Bromofluorobenzene	12.37	95	255424	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.83	85	77997	19.70	ug/l	99
3) Chloromethane	2.03	50	82220	18.95	ug/l	98
4) Vinyl Chloride	2.16	62	111952	18.83	ug/l	100
5) Bromomethane	2.53	94	70409	20.64	ug/l	100
6) Chloroethane	2.67	64	73071	19.10	ug/l	99
7) Trichlorofluoromethane	2.98	101	151941	19.82	ug/l	95
8) Diethyl Ether	3.37	74	43704	18.64	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	69315	20.38	ug/l	99
10) Methyl Iodide	3.91	142	93466	19.79	ug/l	100
11) Tert butyl alcohol	4.73	59	57933	102.78	ug/l	100
12) 1,1-Dichloroethene	3.69	96	66899	18.41	ug/l	98
13) Acrolein	3.56	56	16381	79.41	ug/l	97
14) Allyl chloride	4.27	41	86007	18.10	ug/l	97
15) Acrylonitrile	4.93	53	139284	88.53	ug/l	99
16) Acetone	3.77	43	122736	101.40	ug/l	99
17) Carbon Disulfide	4.01	76	151650	18.97	ug/l	100
18) Methyl Acetate	4.27	43	68579	17.88	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	229921	18.56	ug/l	99
20) Methylene Chloride	4.50	84	76109	18.67	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	75415	18.40	ug/l	92
22) Diisopropyl ether	5.90	45	196504	18.76	ug/l	95
23) Vinyl Acetate	5.84	43	723678	86.70	ug/l	99
24) 1,1-Dichloroethane	5.80	63	127353	19.18	ug/l	98
25) 2-Butanone	6.78	43	176043	87.65	ug/l	98
26) 2,2-Dichloropropane	6.77	77	119399	19.64	ug/l	98
27) cis-1,2-Dichloroethene	6.77	96	89946	19.38	ug/l	99
28) Bromochloromethane	7.15	49	52322	20.15	ug/l	100
29) Tetrahydrofuran	7.17	42	112475	84.93	ug/l	96
30) Chloroform	7.33	83	141791	19.30	ug/l	98
31) Cyclohexane	7.61	56	107069	17.93	ug/l	# 95
32) 1,1,1-Trichloroethane	7.53	97	128109	19.14	ug/l	100
36) 1,1-Dichloropropene	7.75	75	100142	19.70	ug/l	99
37) Ethyl Acetate	6.88	43	74989	18.31	ug/l	98
38) Carbon Tetrachloride	7.73	117	99640	20.32	ug/l	96

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 Data File : VN061660.D
 Acq On : 5 Jun 2020 11:35
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 Sample : VN0605WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBS01

Quant Time: Jun 06 03:19:07 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)
39) Methylcyclohexane	9.05	83	117260	18.71	ug/l	96
40) Benzene	8.00	78	313007	19.95	ug/l	100
41) Methacrylonitrile	7.12	41	32139	17.13	ug/l	93
42) 1,2-Dichloroethane	8.08	62	101940	19.41	ug/l	100
43) Isopropyl Acetate	8.12	43	132297	17.96	ug/l	93
44) Trichloroethene	8.80	130	97238	20.17	ug/l	93
45) 1,2-Dichloropropane	9.08	63	74912	20.11	ug/l	100
46) Dibromomethane	9.17	93	55864	19.55	ug/l	99
47) Bromodichloromethane	9.37	83	112540	19.88	ug/l	99
48) Methyl methacrylate	9.17	41	56403	17.02	ug/l	98
49) 1,4-Dioxane	9.17	88	25551	497.58	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	378447	91.15	ug/l	99
52) Toluene	10.12	92	208283	20.34	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	117432	19.26	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	129709	19.78	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	81833	20.06	ug/l	98
56) Ethyl methacrylate	10.40	69	108193	18.99	ug/l	97
57) 1,3-Dichloropropane	10.68	76	130153	19.95	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	228167	93.70	ug/l	99
59) 2-Hexanone	10.72	43	265648	89.09	ug/l	98
60) Dibromochloromethane	10.87	129	92964	20.05	ug/l	99
61) 1,2-Dibromoethane	10.98	107	84862	19.95	ug/l	99
64) Tetrachloroethene	10.60	164	103956	20.57	ug/l	98
65) Chlorobenzene	11.41	112	228534	20.48	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	86374	20.79	ug/l	99
67) Ethyl Benzene	11.48	91	388166	20.12	ug/l	99
68) m/p-Xylenes	11.59	106	307328	40.18	ug/l	100
69) o-Xylene	11.92	106	147181	20.26	ug/l	100
70) Styrene	11.94	104	242776	20.18	ug/l	99
71) Bromoform	12.10	173	60869	19.01	ug/l #	100
73) Isopropylbenzene	12.22	105	389481	19.82	ug/l	100
74) N-amyl acetate	12.05	43	106520	17.21	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	104096	18.90	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	131875	26.93	ug/l #	100
77) Bromobenzene	12.50	156	99784	19.89	ug/l	99
78) n-propylbenzene	12.57	91	429875	19.59	ug/l	99
79) 2-Chlorotoluene	12.65	91	253926	19.41	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	325087	19.79	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	32412	16.93	ug/l	97
82) 4-Chlorotoluene	12.75	91	263350	19.13	ug/l	98
83) tert-Butylbenzene	12.97	119	276703	19.06	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	324019	19.85	ug/l	99
85) sec-Butylbenzene	13.15	105	353440	18.90	ug/l	99
86) p-Isopropyltoluene	13.26	119	327695	19.02	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	178941	20.14	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	177288	19.59	ug/l	98
89) n-Butylbenzene	13.59	91	263051	18.23	ug/l	99
90) Hexachloroethane	13.85	117	42247	22.18	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	173460	20.43	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	18445	16.42	ug/l	97

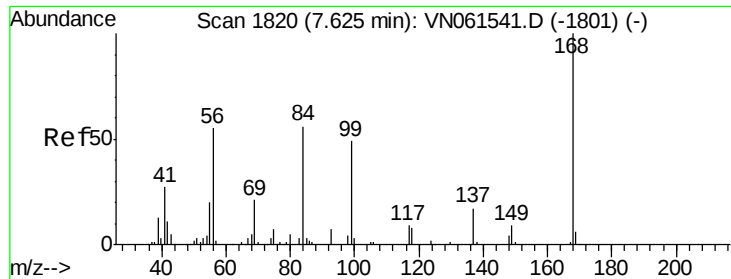
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
Data File : VN061660.D
Acq On : 5 Jun 2020 11:35
Operator : JC/MD
Sample : VN0605WBS01
Misc : 5.00mL/MSVOA_N/WATER
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Instrument :
MSVOA_N
ClientSampleId :
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Quant Time: Jun 06 03:19:07 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)
93) 1,2,4-Trichlorobenzene	14.88	180	93738	18.88	ug/l	99
94) Hexachlorobutadiene	14.99	225	41504	19.60	ug/l	97
95) Naphthalene	15.10	128	266702	17.65	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	92543	18.96	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

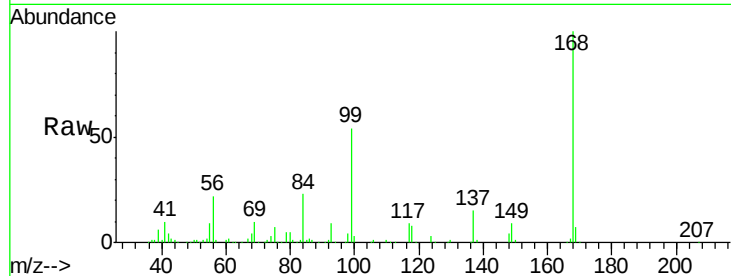
VN0605WBS01

Tgt Ion:168 Resp: 355685

Ion Ratio Lower Upper

168 100

99 53.4 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

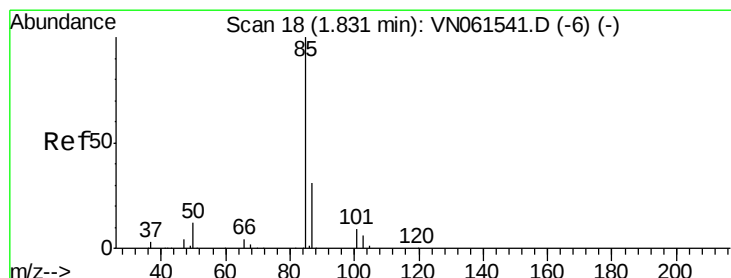
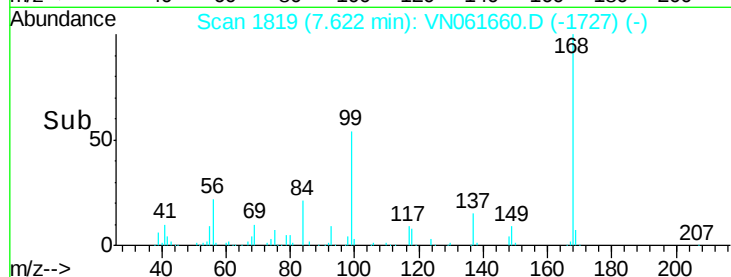
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.70 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061660.D

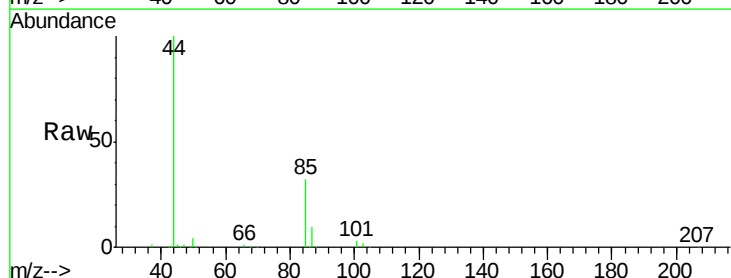
Acq: 5 Jun 2020 11:35

Tgt Ion: 85 Resp: 77997

Ion Ratio Lower Upper

85 100

87 30.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

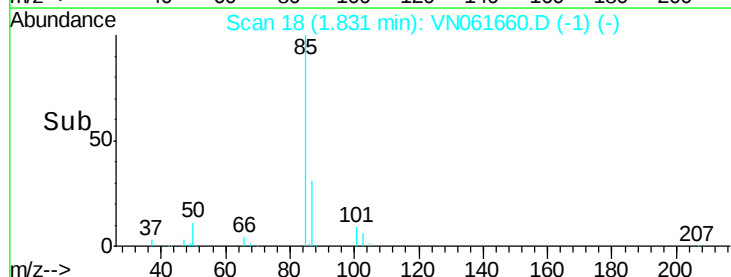
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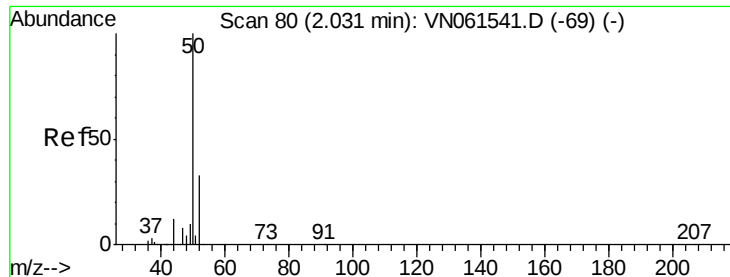
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20000

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Time-->





#3

Chloromethane

Concen: 18.95 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

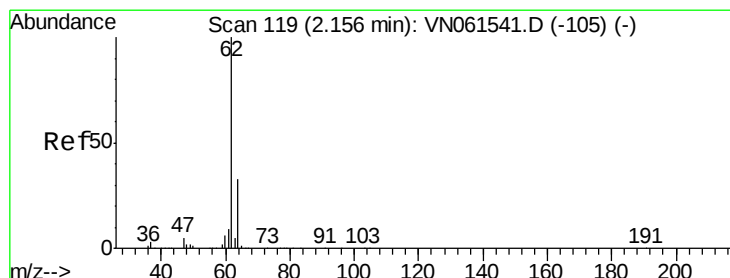
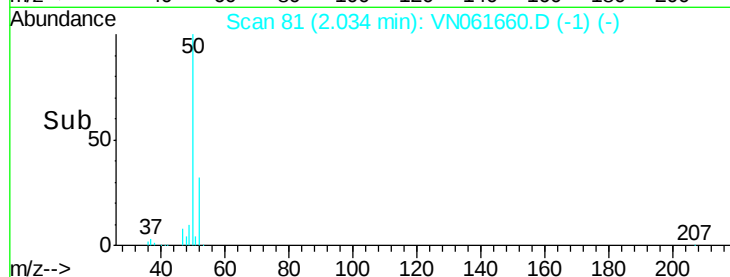
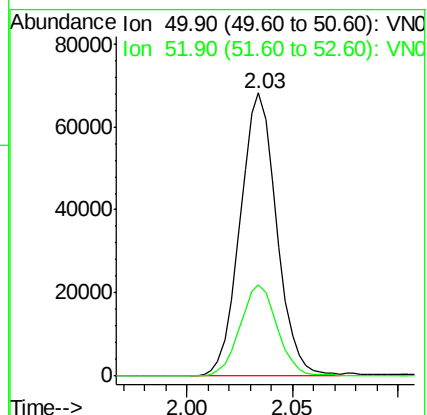
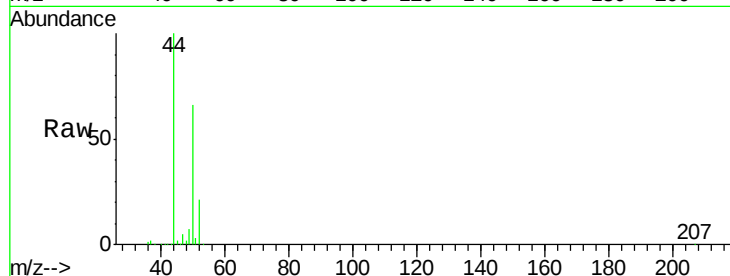
VN0605WBS01

Tgt Ion: 50 Resp: 82220

Ion Ratio Lower Upper

50 100

52 32.4 26.7 40.1



#4

Vinyl Chloride

Concen: 18.83 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061660.D

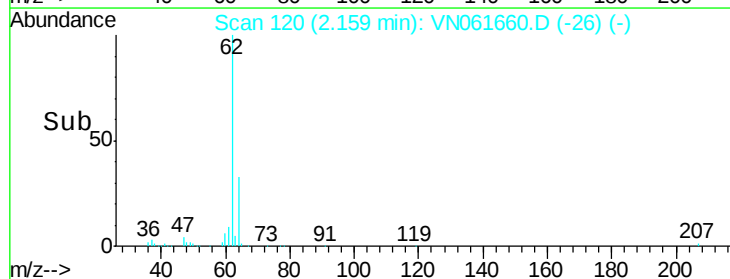
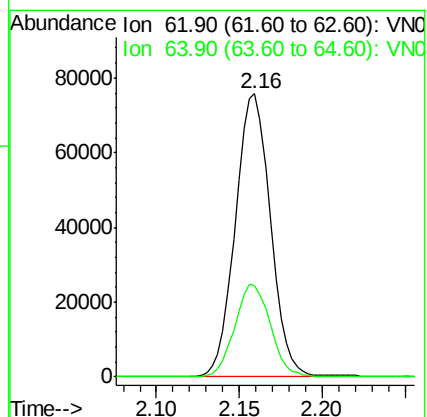
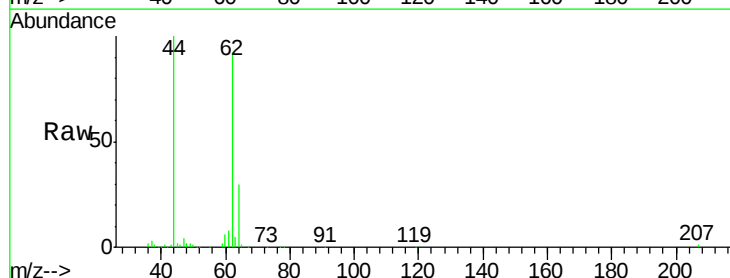
Acq: 5 Jun 2020 11:35

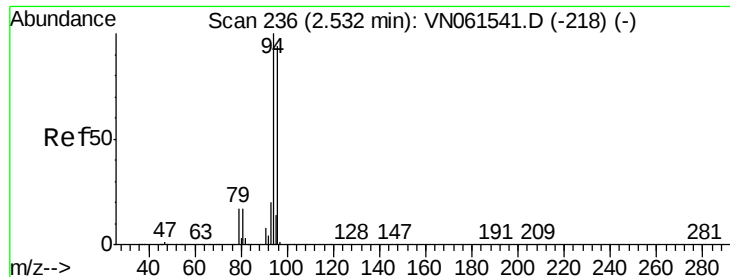
Tgt Ion: 62 Resp: 111952

Ion Ratio Lower Upper

62 100

64 32.5 26.2 39.2





#5

Bromomethane

Concen: 20.64 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

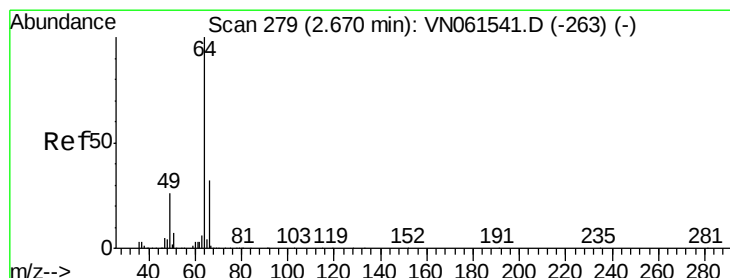
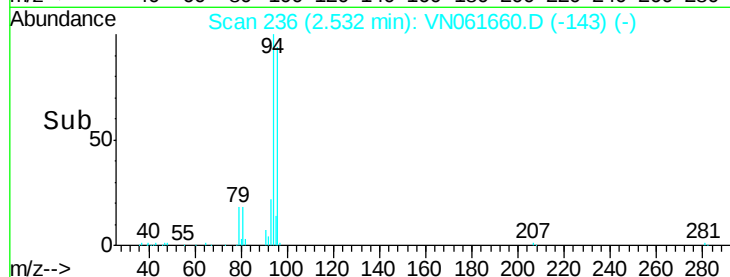
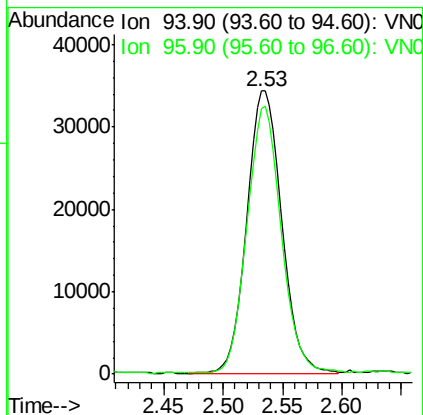
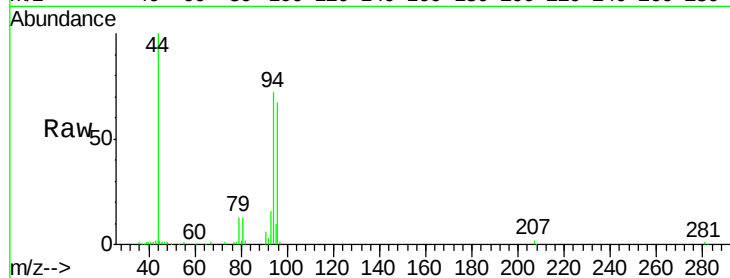
VN0605WBS01

Tgt Ion: 94 Resp: 70409

Ion Ratio Lower Upper

94 100

96 93.3 74.8 112.2



#6

Chloroethane

Concen: 19.10 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061660.D

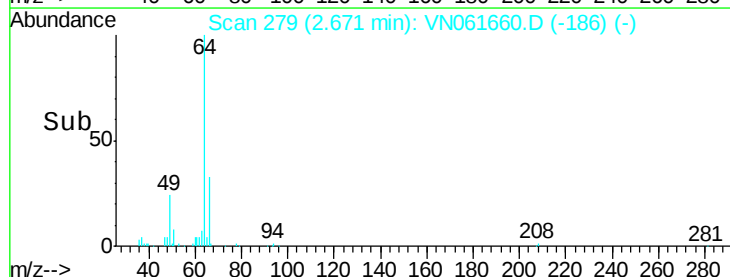
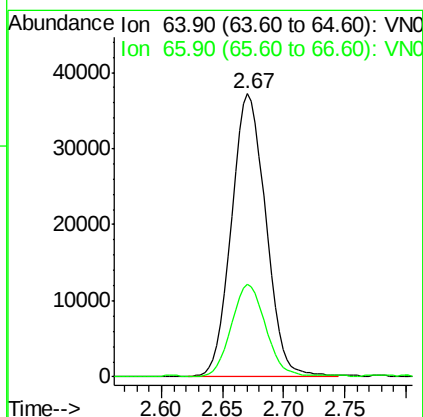
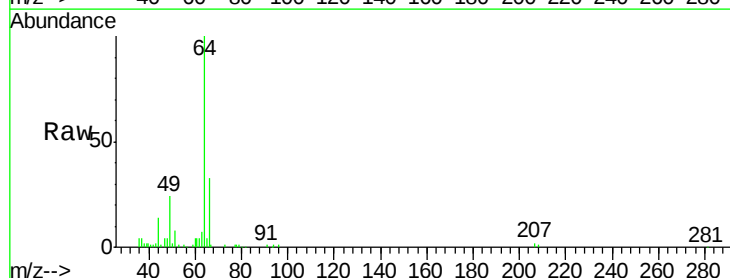
Acq: 5 Jun 2020 11:35

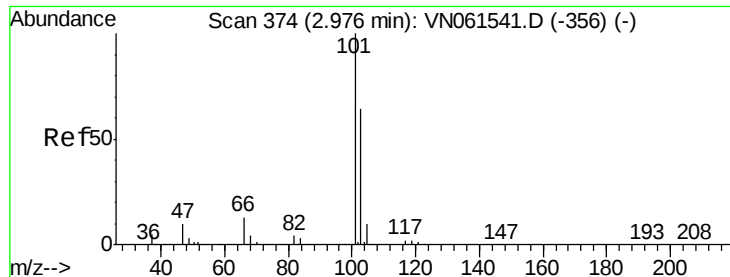
Tgt Ion: 64 Resp: 73071

Ion Ratio Lower Upper

64 100

66 32.7 25.6 38.4



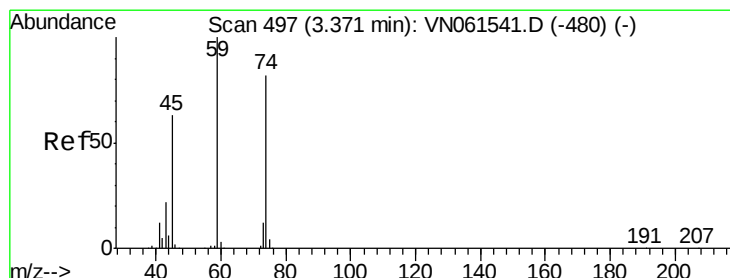
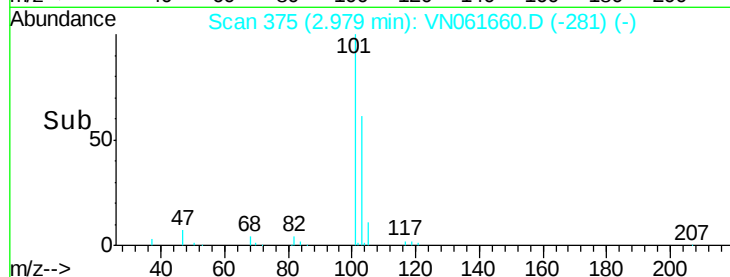
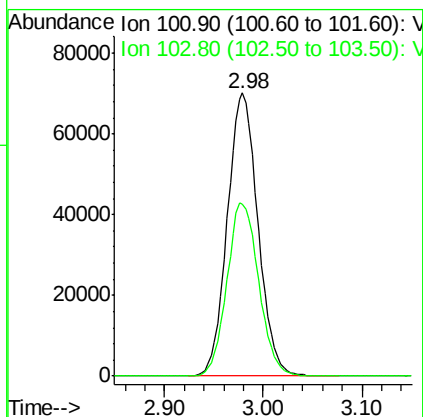
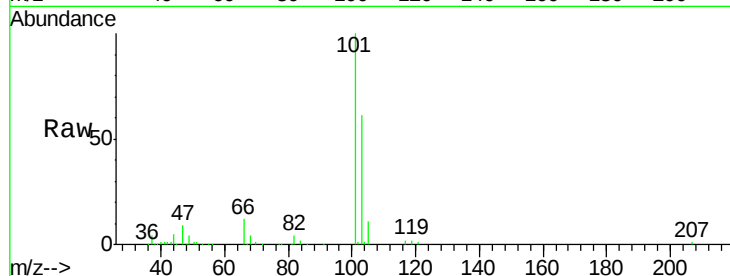


#7

Trichlorofluoromethane
Concen: 19.82 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBS01

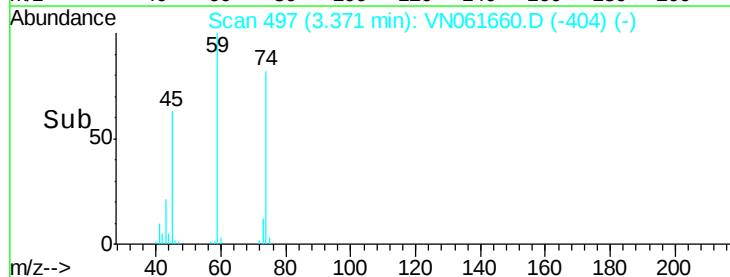
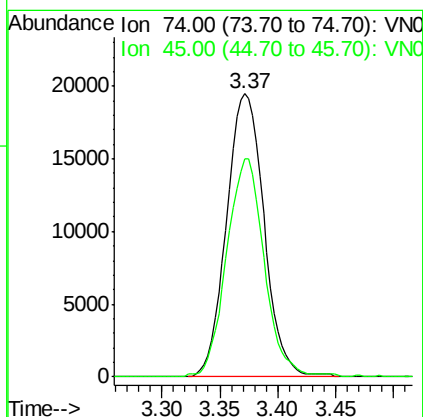
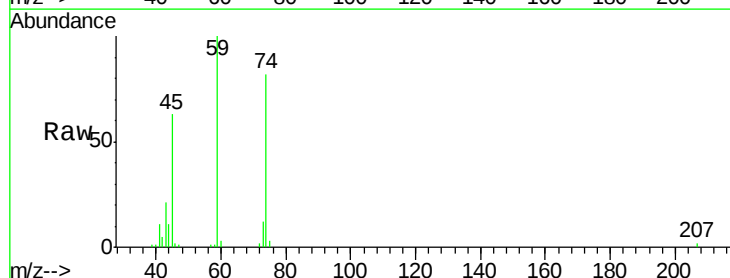
Tgt Ion:101 Resp: 151941
Ion Ratio Lower Upper
101 100
103 60.8 51.4 77.2

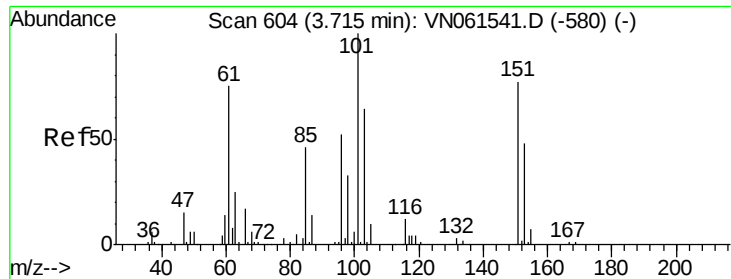


#8

Diethyl Ether
Concen: 18.64 ug/l
RT: 3.37 min Scan# 497
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion: 74 Resp: 43704
Ion Ratio Lower Upper
74 100
45 77.2 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.38 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN0605WBS01

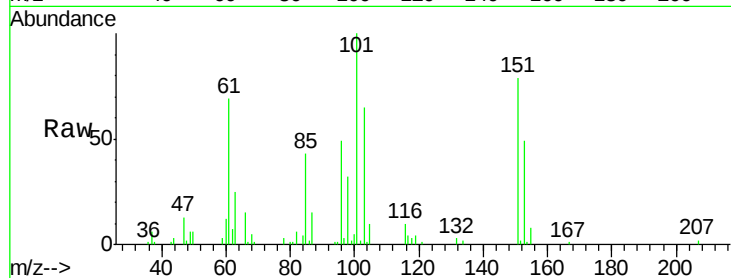
Tgt Ion:101 Resp: 69315

Ion Ratio Lower Upper

101 100

85 44.6 35.2 52.8

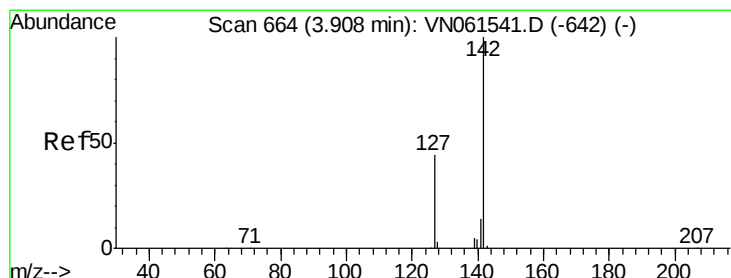
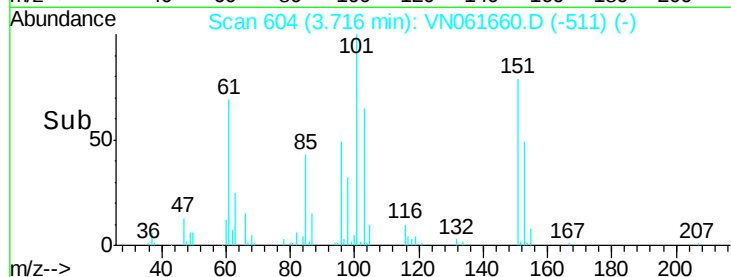
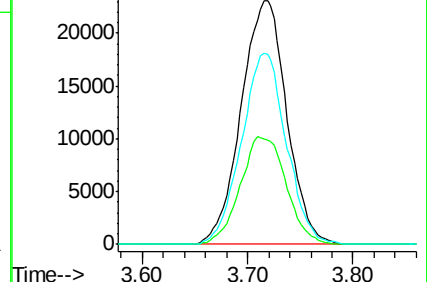
151 77.3 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.79 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

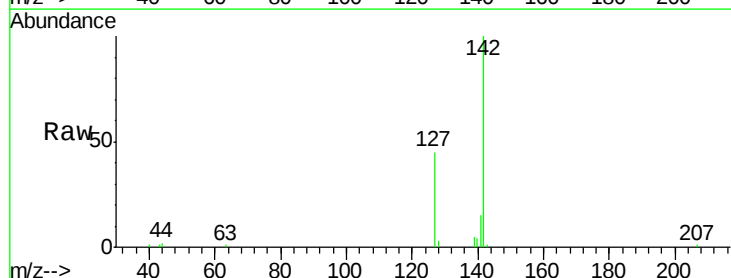
Tgt Ion:142 Resp: 93466

Ion Ratio Lower Upper

142 100

127 44.1 35.5 53.3

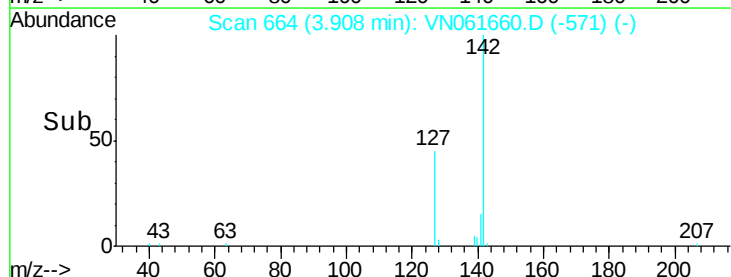
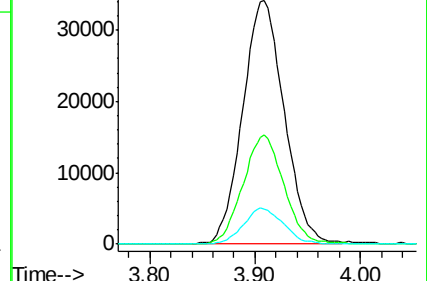
141 14.1 11.5 17.3

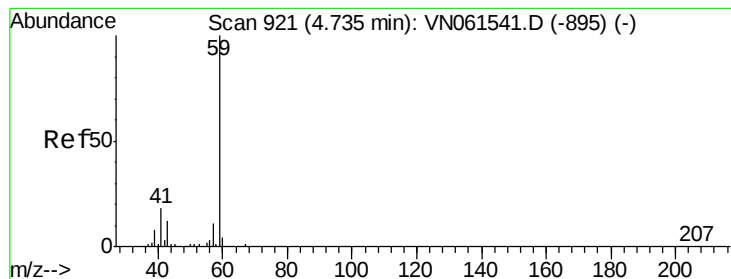


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



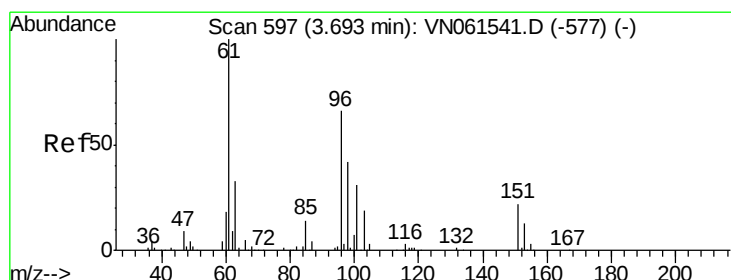
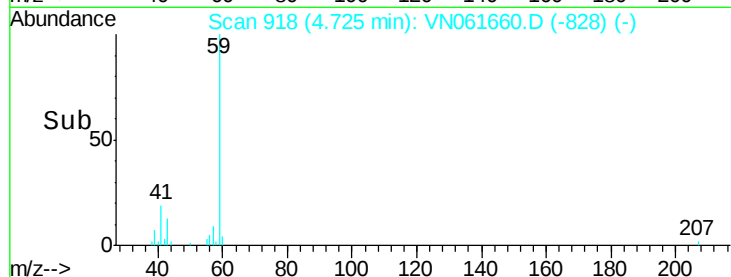
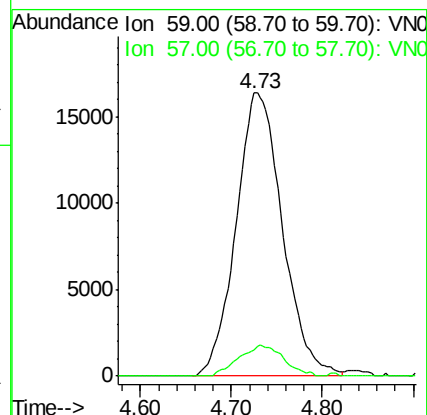
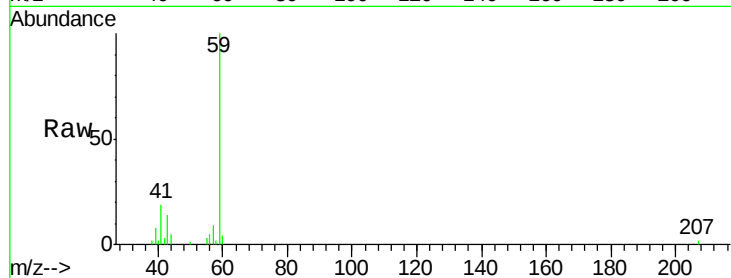


#11

Tert butyl alcohol
Concen: 102.78 ug/l
RT: 4.73 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Instrument :
MSVOA_N
ClientSampled :
VN0605WBS01

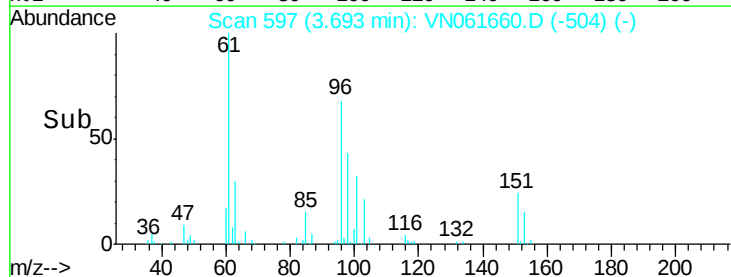
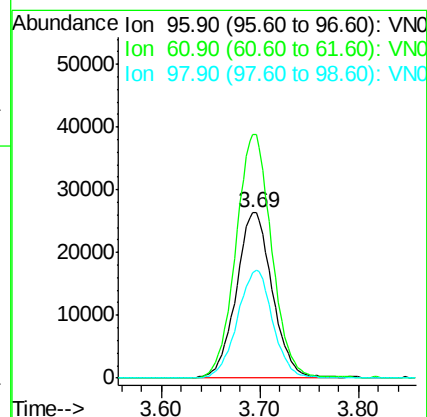
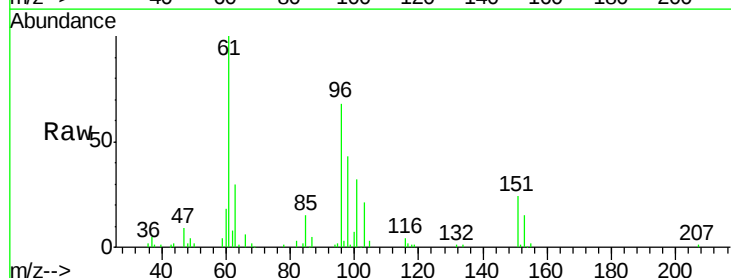
Tgt Ion: 59 Resp: 57933
Ion Ratio Lower Upper
59 100
57 10.6 8.4 12.6

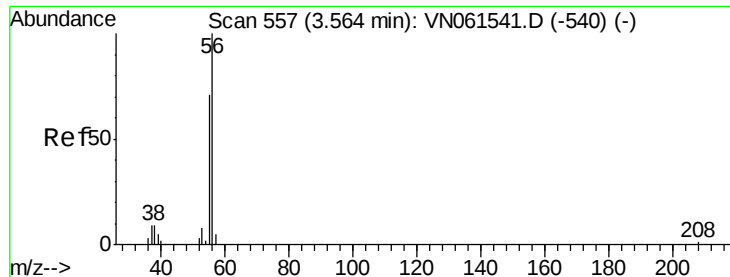


#12

1,1-Dichloroethene
Concen: 18.41 ug/l
RT: 3.69 min Scan# 597
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion: 96 Resp: 66899
Ion Ratio Lower Upper
96 100
61 147.4 120.5 180.7
98 63.6 50.8 76.2





#13

Acrolein

Concen: 79.41 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

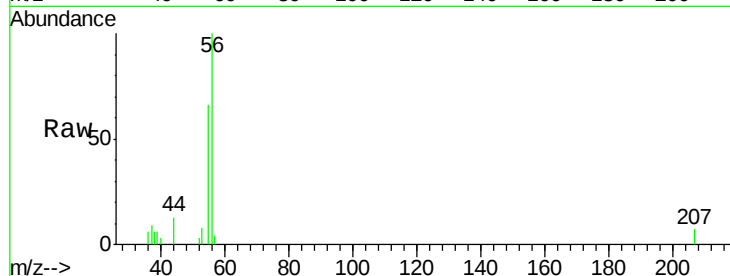
VN0605WBS01

Tgt Ion: 56 Resp: 16381

Ion Ratio Lower Upper

56 100

55 70.2 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) (-)

3.56

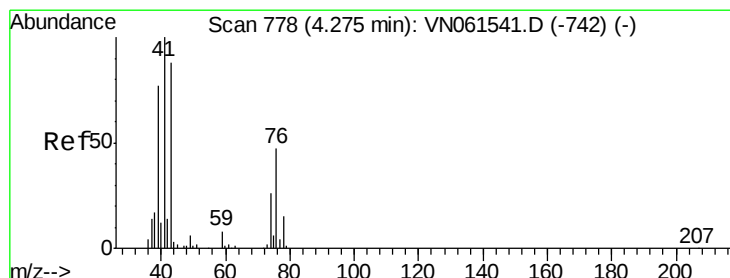
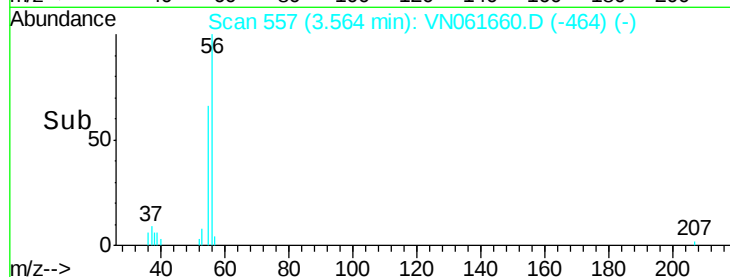
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 18.10 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

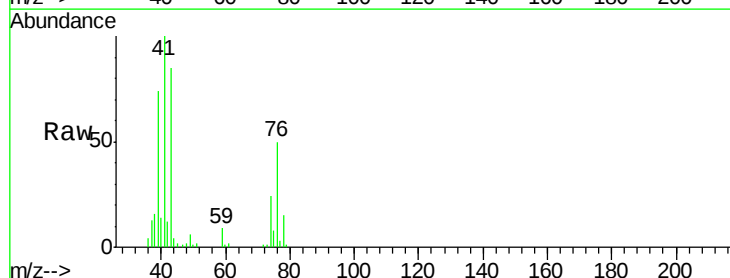
Tgt Ion: 41 Resp: 86007

Ion Ratio Lower Upper

41 100

39 72.4 58.6 88.0

76 46.0 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

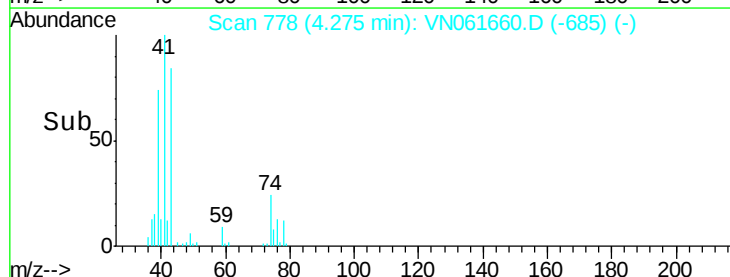
30000

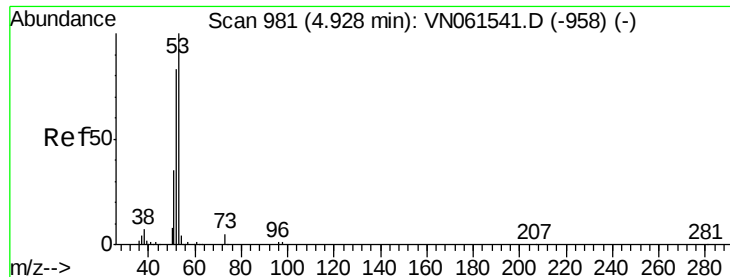
20000

10000

0

Time-->





#15

Acrylonitrile

Concen: 88.53 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampled :

VN0605WBS01

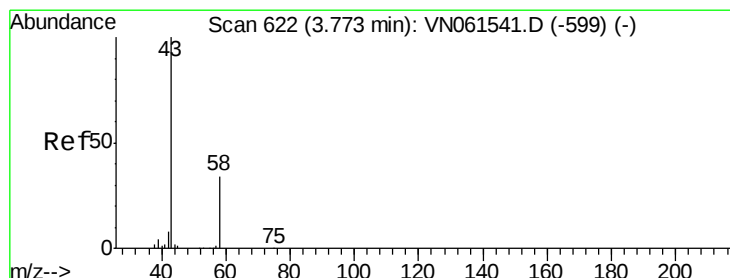
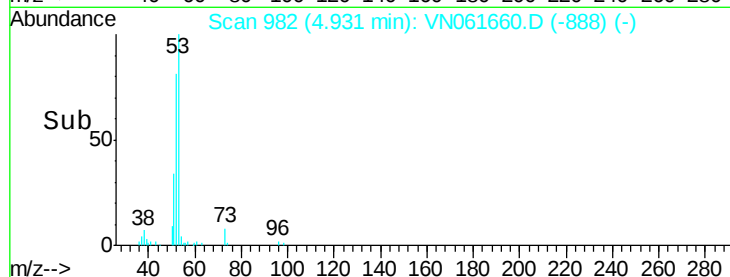
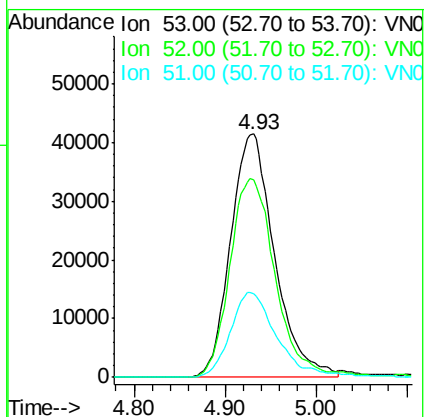
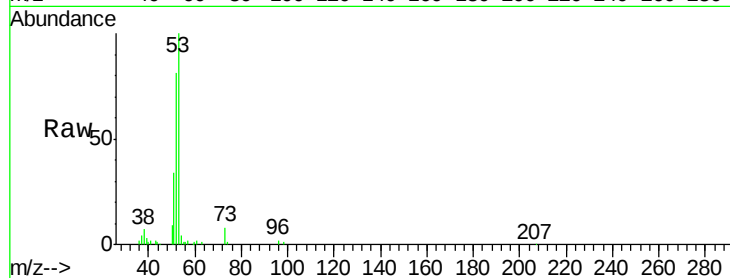
Tgt Ion: 53 Resp: 139284

Ion Ratio Lower Upper

53 100

52 83.3 65.4 98.2

51 36.0 29.0 43.6



#16

Acetone

Concen: 101.40 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN061660.D

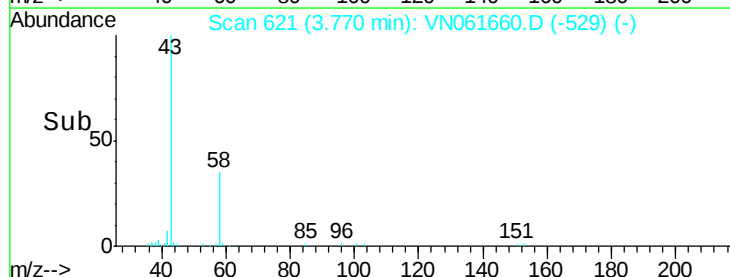
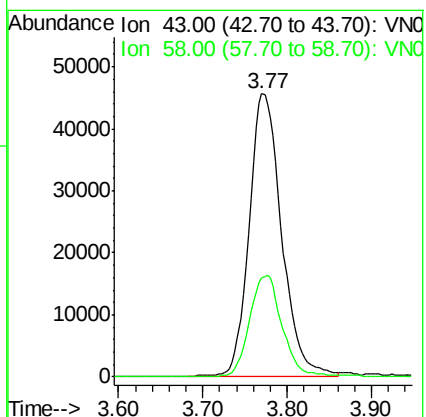
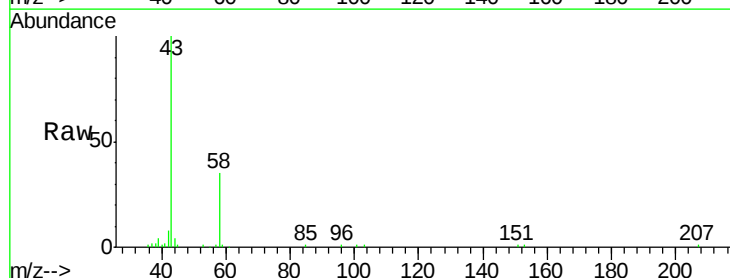
Acq: 5 Jun 2020 11:35

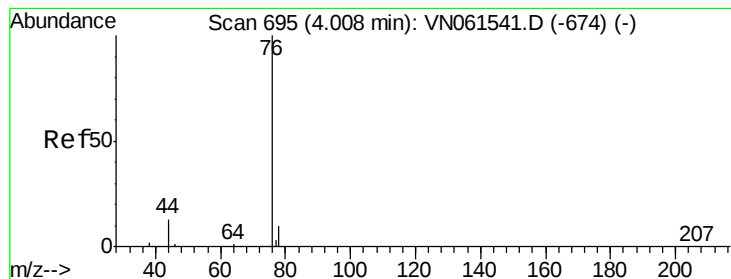
Tgt Ion: 43 Resp: 122736

Ion Ratio Lower Upper

43 100

58 34.8 27.2 40.8





#17

Carbon Disulfide

Concen: 18.97 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

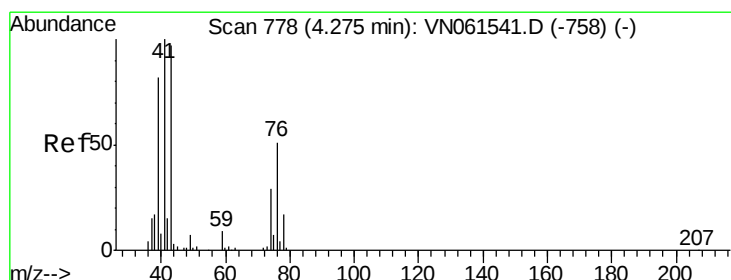
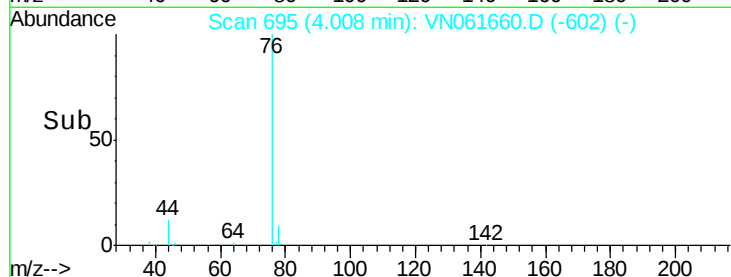
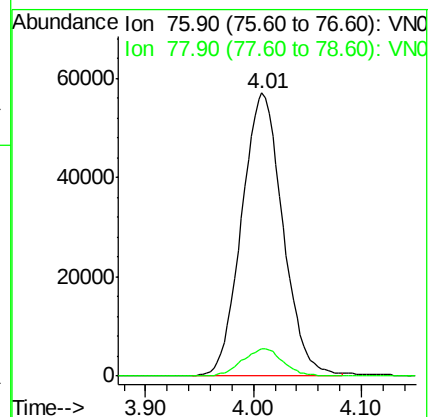
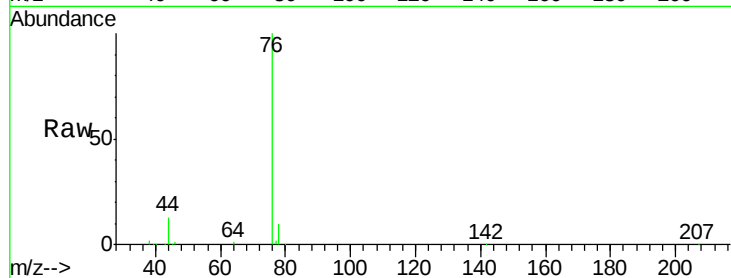
VN0605WBS01

Tgt Ion: 76 Resp: 151650

Ion Ratio Lower Upper

76 100

78 9.6 7.8 11.6



#18

Methyl Acetate

Concen: 17.88 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061660.D

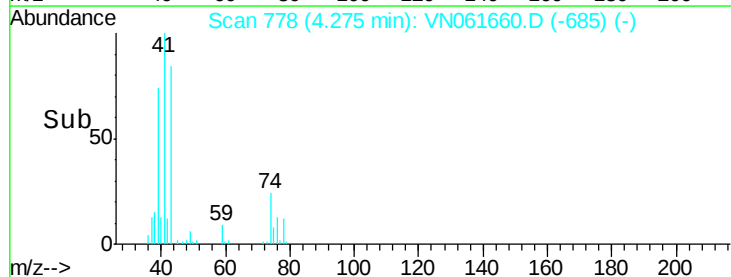
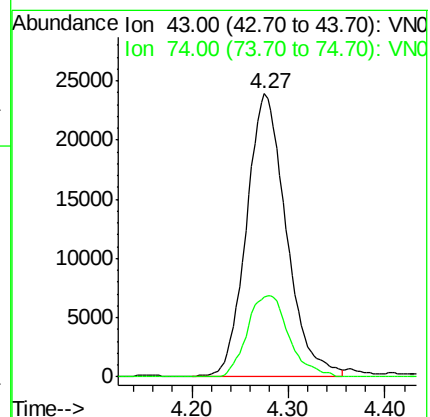
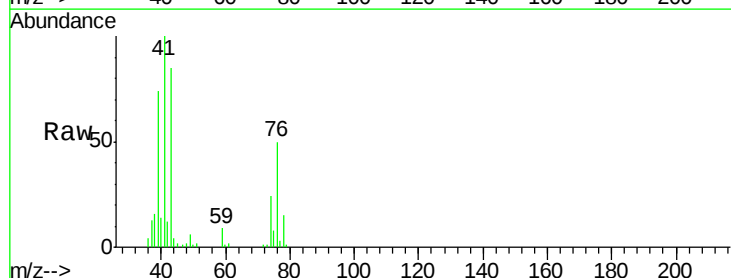
Acq: 5 Jun 2020 11:35

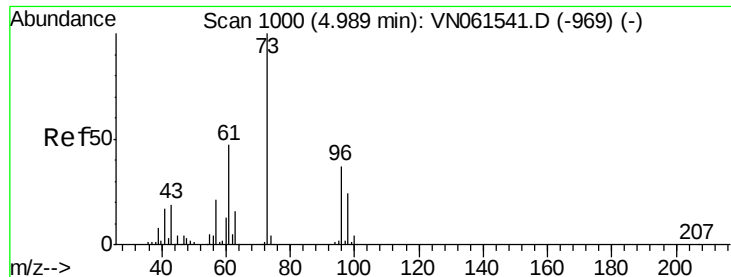
Tgt Ion: 43 Resp: 68579

Ion Ratio Lower Upper

43 100

74 29.9 23.2 34.8





#19

Methyl tert-butyl Ether

Concen: 18.56 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampled :

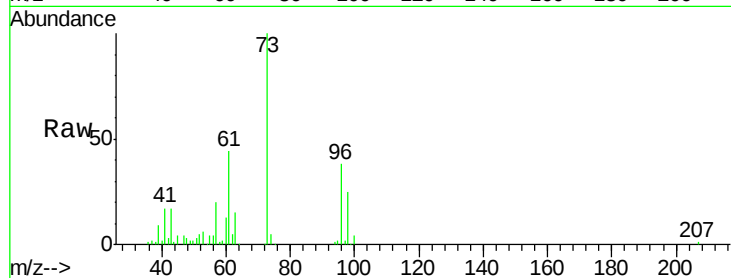
VN0605WBS01

Tgt Ion: 73 Resp: 229921

Ion Ratio Lower Upper

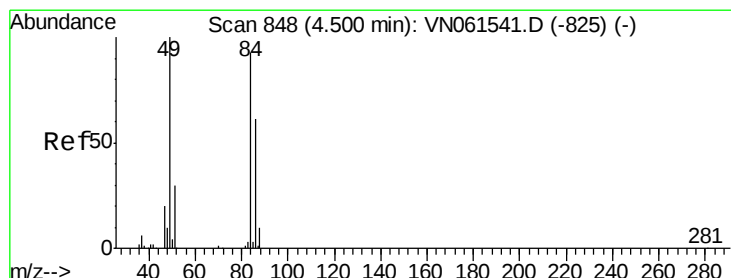
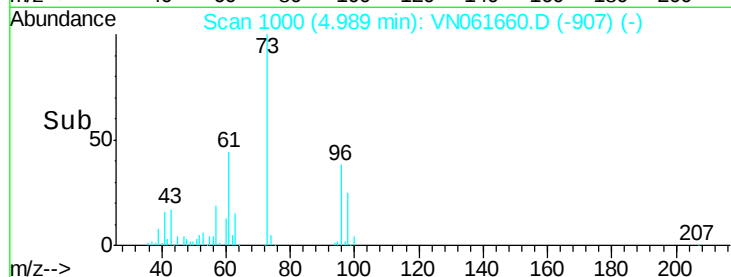
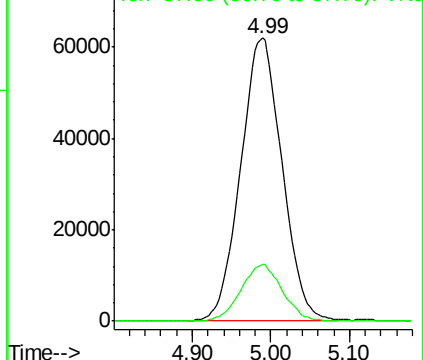
73 100

57 19.9 16.4 24.6



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#20

Methylene Chloride

Concen: 18.67 ug/l

RT: 4.50 min Scan# 848

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Tgt Ion: 84 Resp: 76109

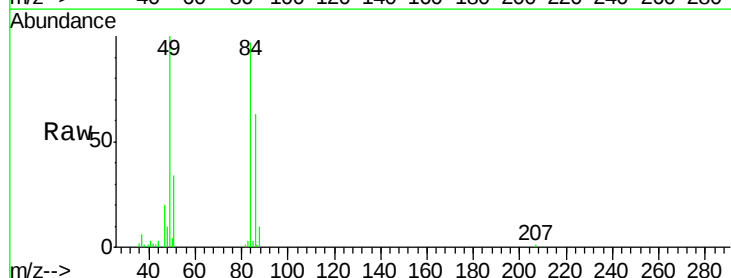
Ion Ratio Lower Upper

84 100

49 102.9 85.8 128.8

51 34.8 26.2 39.2

86 64.8 52.6 78.8

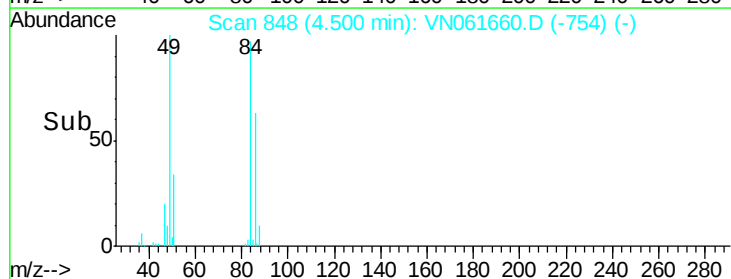
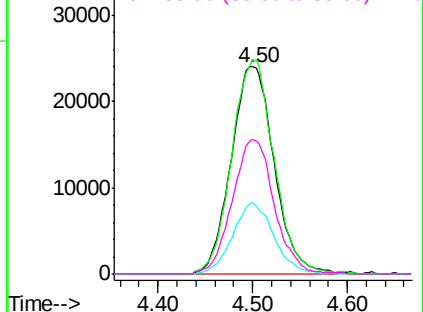


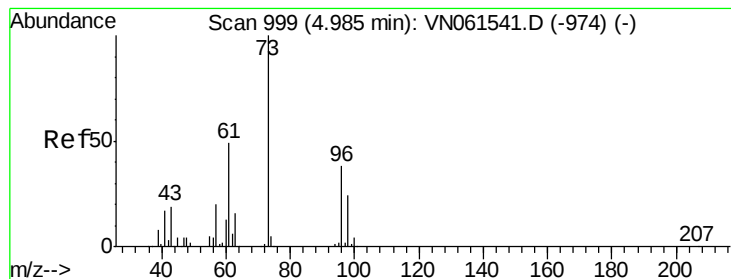
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#21

trans-1,2-Dichloroethene

Concen: 18.40 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN0605WBS01

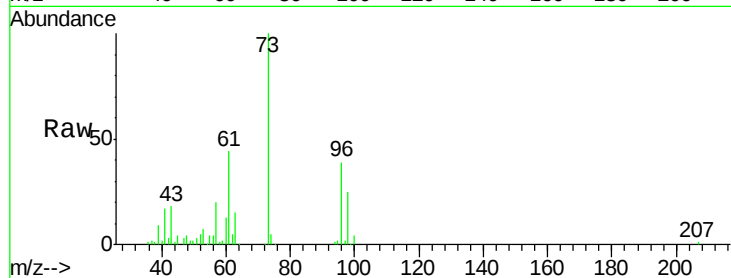
Tgt Ion: 96 Resp: 75415

Ion Ratio Lower Upper

96 100

61 113.3 101.4 152.0

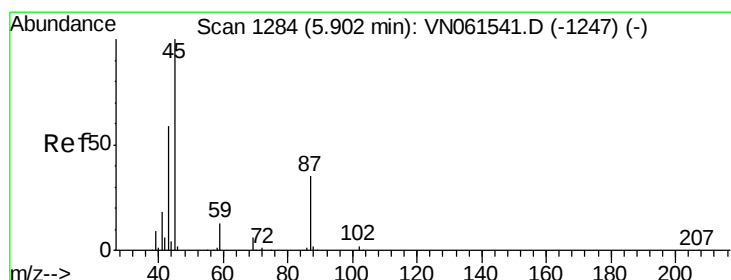
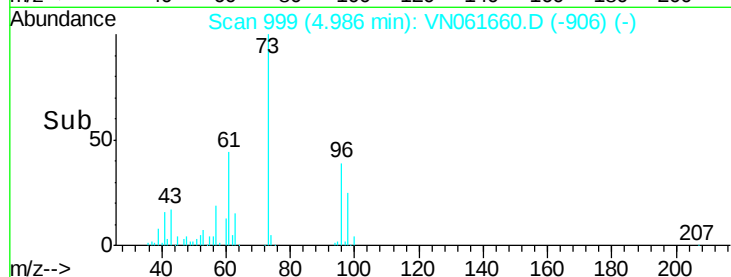
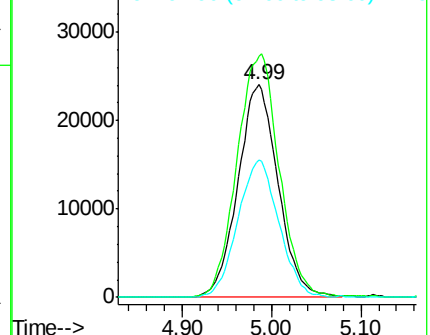
98 64.6 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN061660.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN061660.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN061660.D (-906) (-)



#22

Diisopropyl ether

Concen: 18.76 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Tgt Ion: 45 Resp: 196504

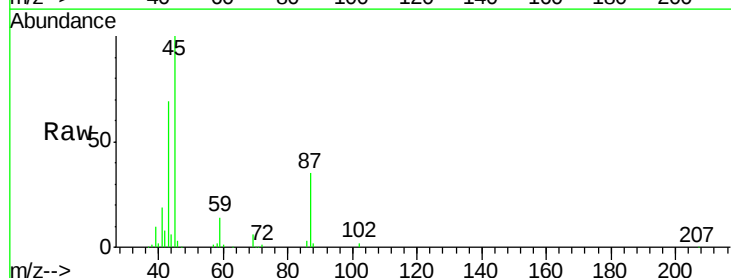
Ion Ratio Lower Upper

45 100

43 66.4 47.9 71.9

87 35.3 28.4 42.6

59 13.5 10.5 15.7

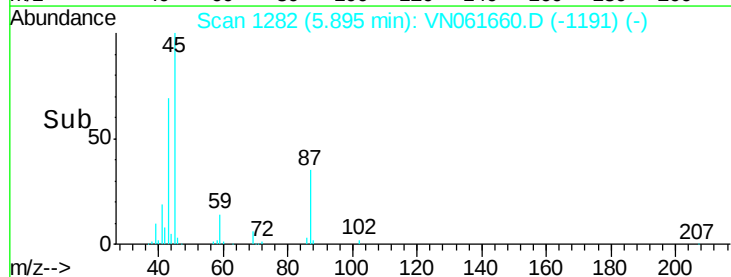
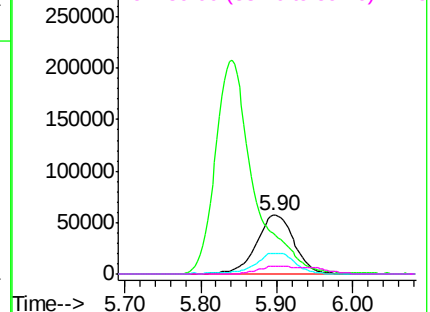


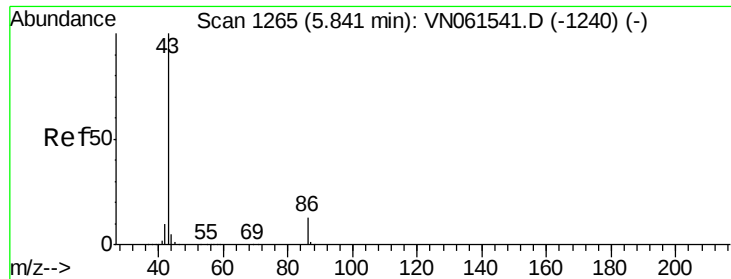
Abundance Ion 45.00 (44.70 to 45.70): VN061660.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061660.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061660.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061660.D (-1191) (-)

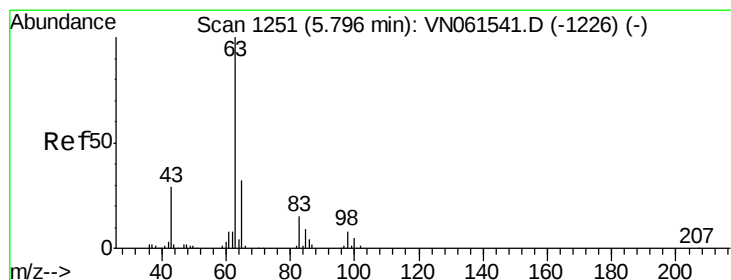
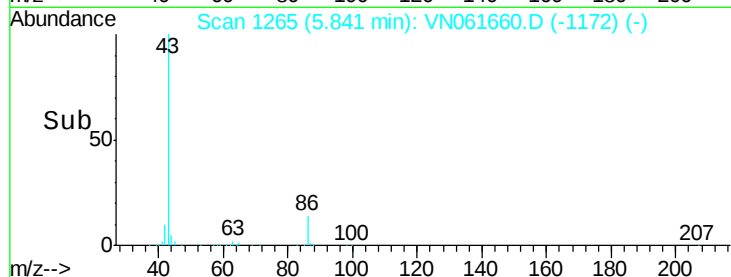
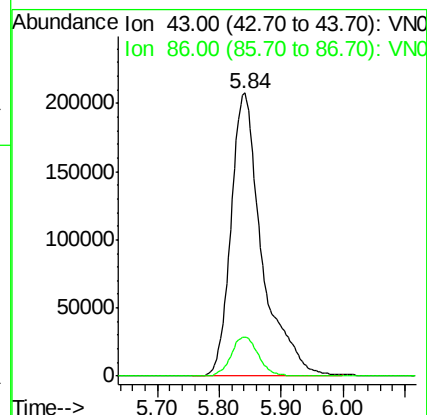
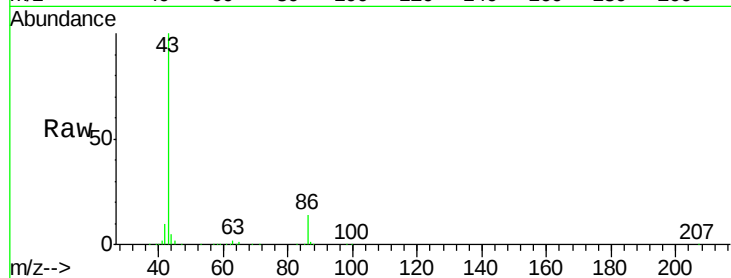




#23
 Vinyl Acetate
 Concen: 86.70 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

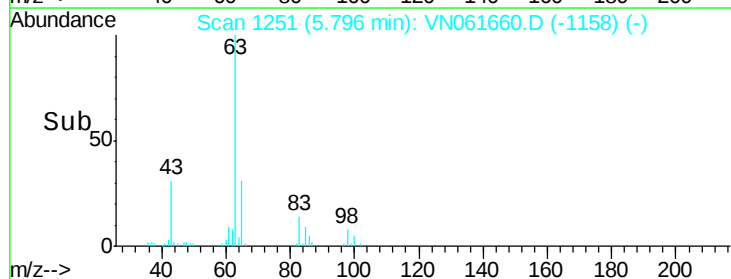
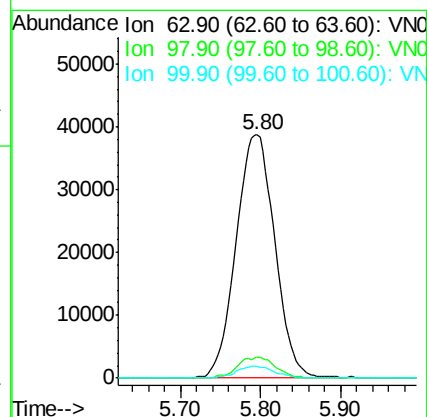
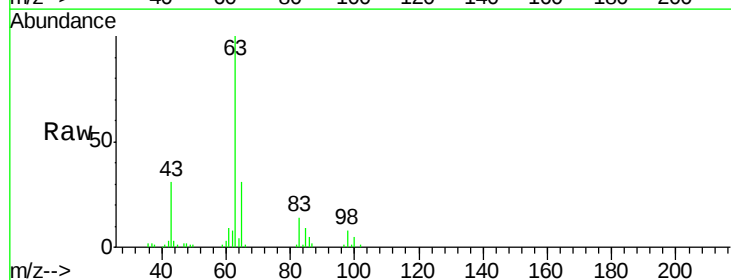
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBS01

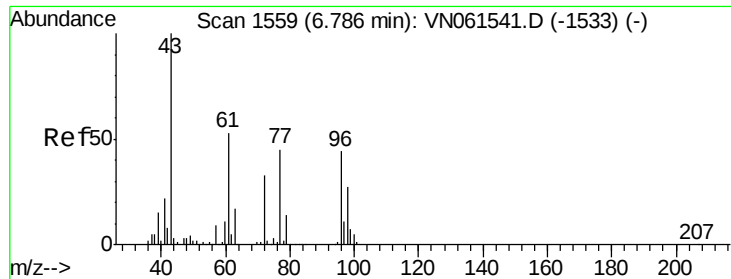
Tgt Ion: 43 Resp: 723678
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 19.18 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Tgt Ion: 63 Resp: 127353
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.8 11.4
 100 4.8 2.5 7.6





#25

2-Butanone

Concen: 87.65 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

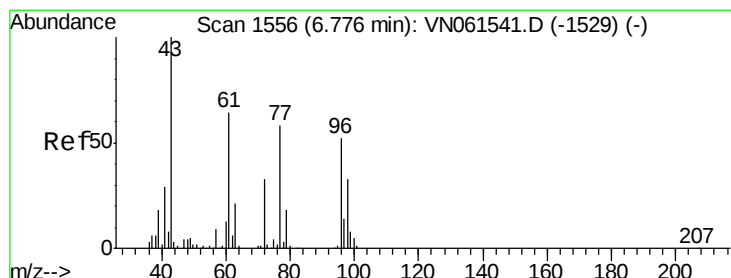
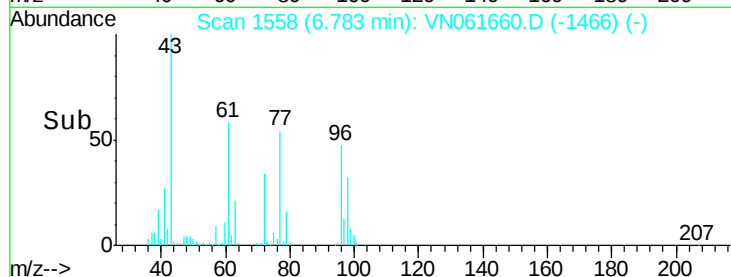
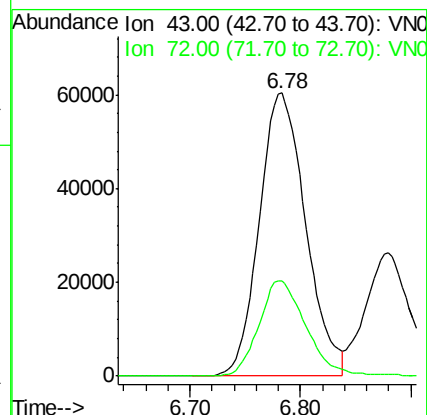
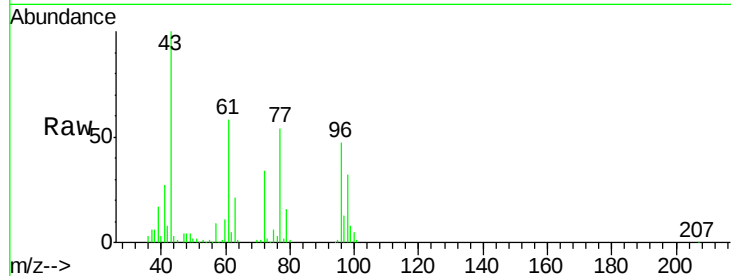
VN0605WBS01

Tgt Ion: 43 Resp: 176043

Ion Ratio Lower Upper

43 100

72 33.7 26.0 39.0



#26

2,2-Dichloropropane

Concen: 19.64 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VN061660.D

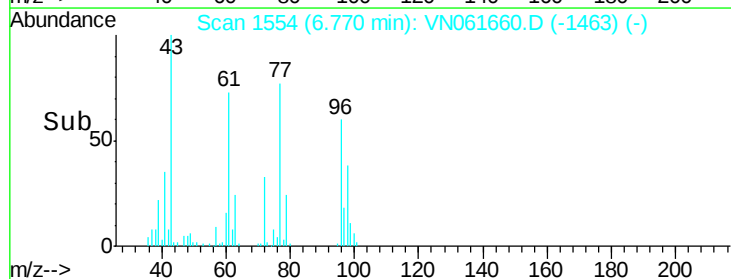
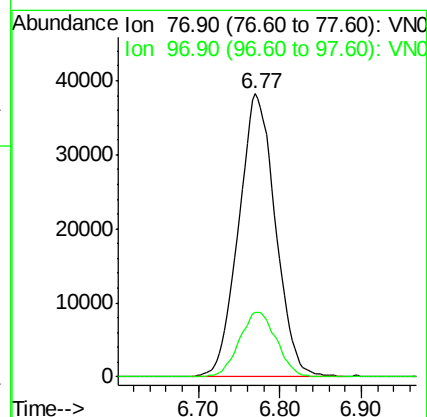
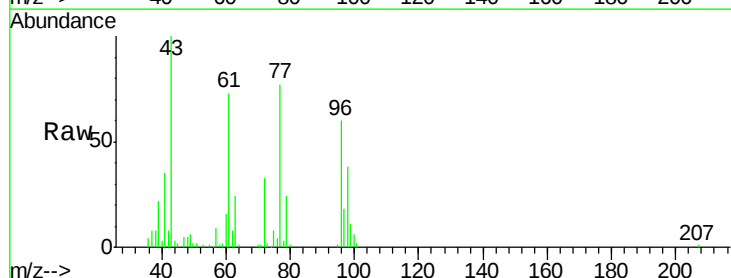
Acq: 5 Jun 2020 11:35

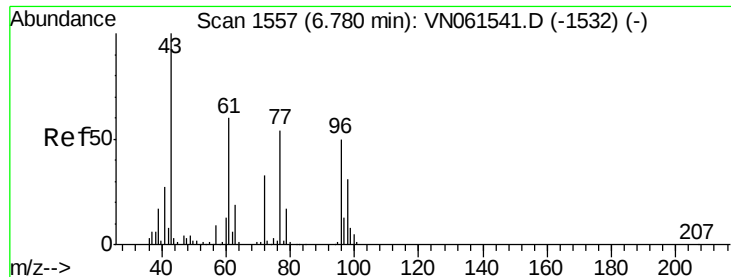
Tgt Ion: 77 Resp: 119399

Ion Ratio Lower Upper

77 100

97 23.0 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 19.38 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.01 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN0605WBS01

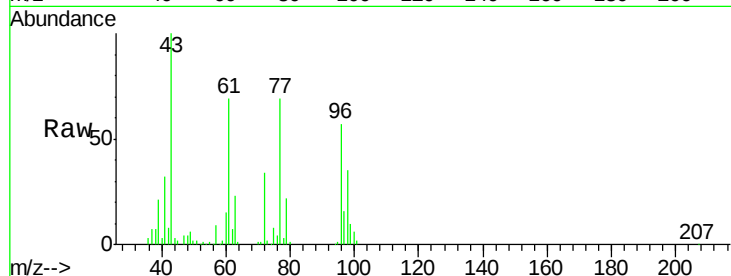
Tgt Ion: 96 Resp: 89946

Ion Ratio Lower Upper

96 100

61 124.5 0.0 252.2

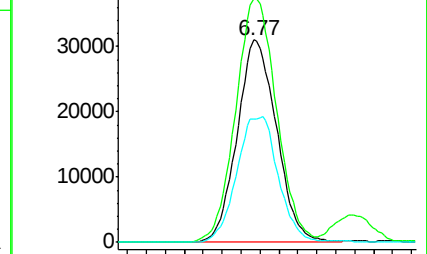
98 65.2 0.0 129.2



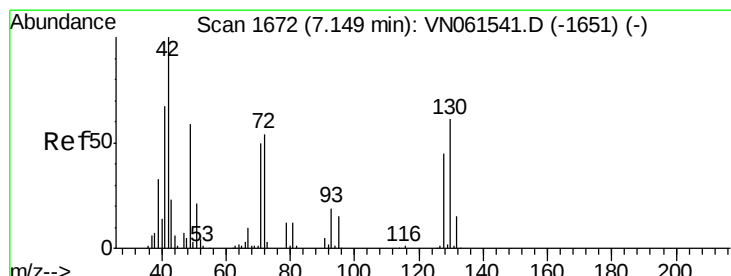
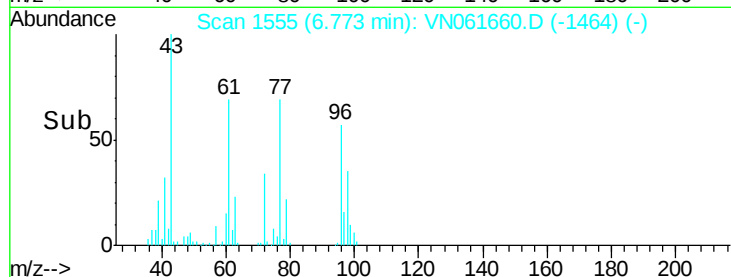
Abundance Ion 95.90 (95.60 to 96.60): VN061660.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN061660.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN061660.D (-1464) (-)



Time-->



#28

Bromochloromethane

Concen: 20.15 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

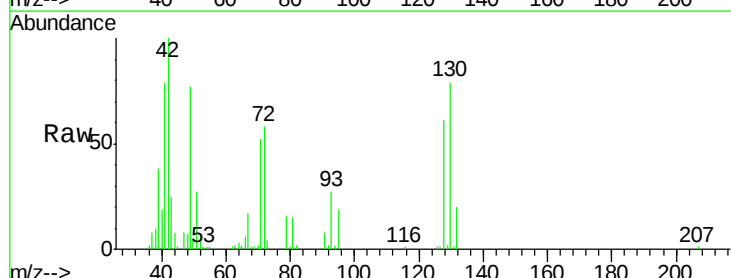
Tgt Ion: 49 Resp: 52322

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.8

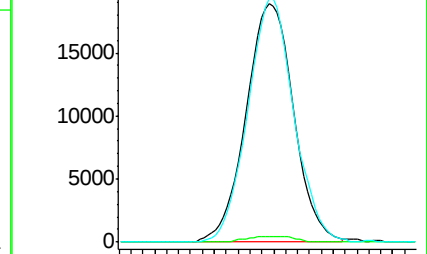
130 98.8 78.8 118.2



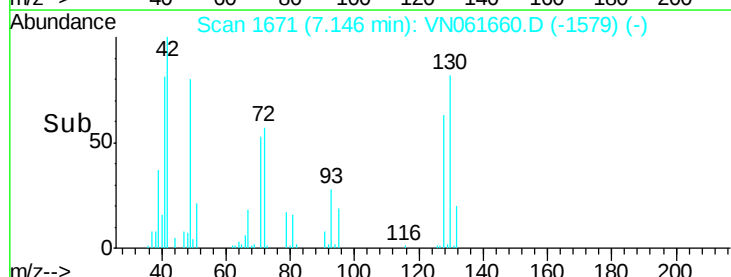
Abundance Ion 48.90 (48.60 to 49.60): VN061660.D (-1579) (-)

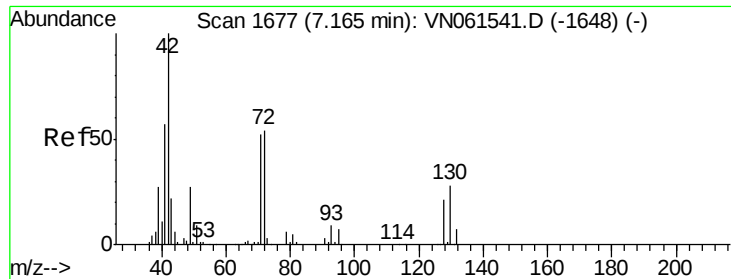
Ion 128.80 (128.50 to 129.50): VN061660.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN061660.D (-1579) (-)



Time-->

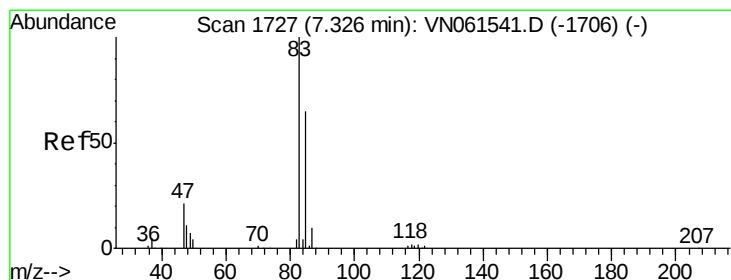
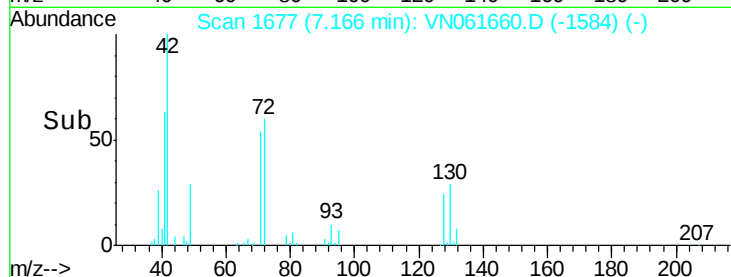
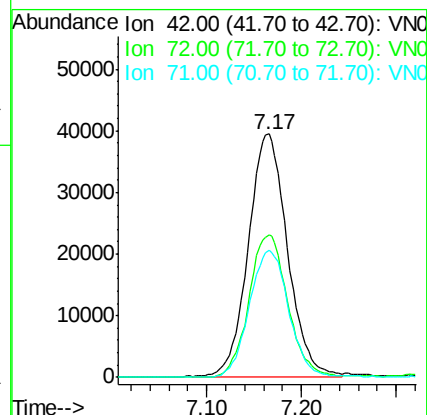
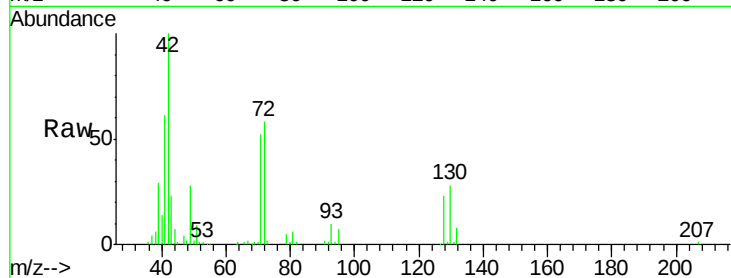




#29
Tetrahydrofuran
Concen: 84.93 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

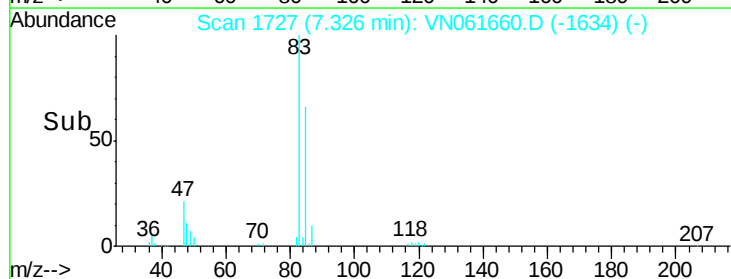
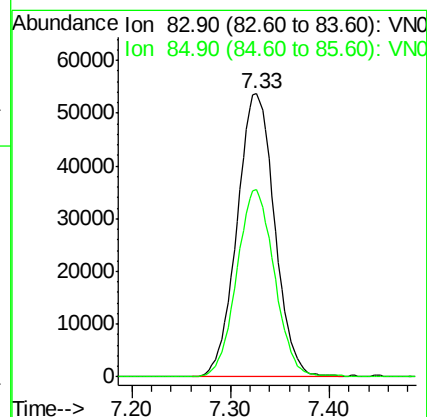
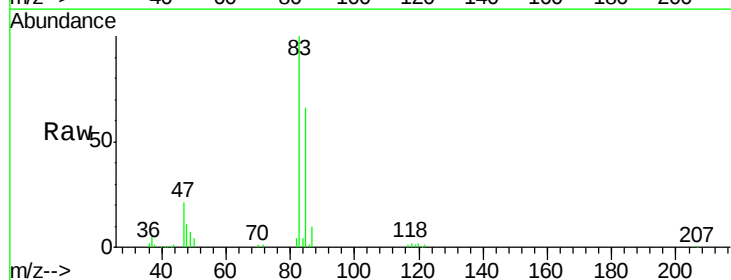
Instrument :
MSVOA_N
ClientSampled :
VN0605WBS01

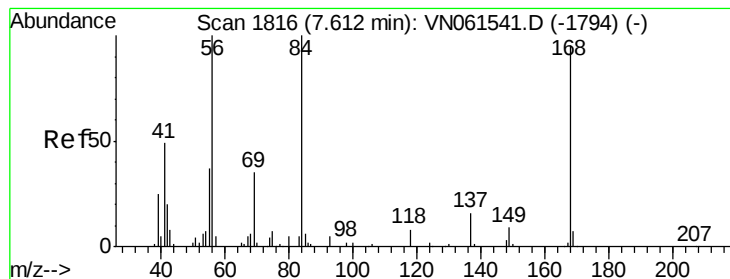
Tgt Ion: 42 Resp: 112475
Ion Ratio Lower Upper
42 100
72 58.5 43.6 65.4
71 52.8 41.2 61.8



#30
Chloroform
Concen: 19.30 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion: 83 Resp: 141791
Ion Ratio Lower Upper
83 100
85 66.3 51.7 77.5





#31

Cyclohexane

Concen: 17.93 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN0605WBS01

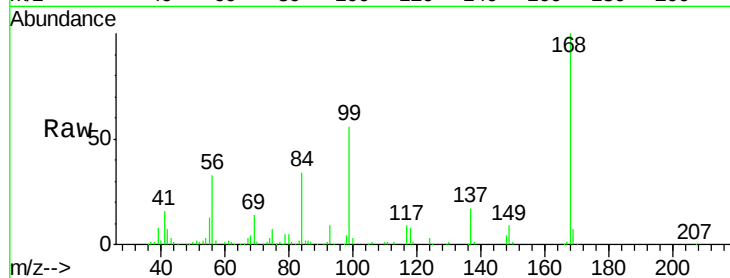
Tgt Ion: 56 Resp: 107069

Ion Ratio Lower Upper

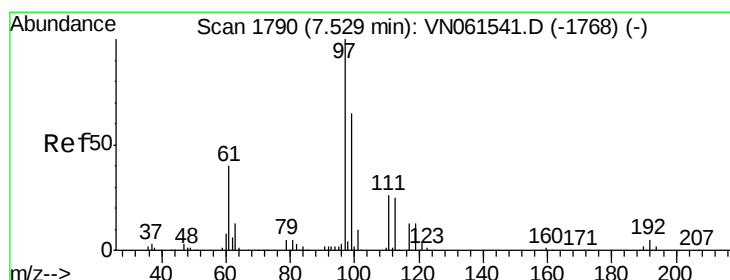
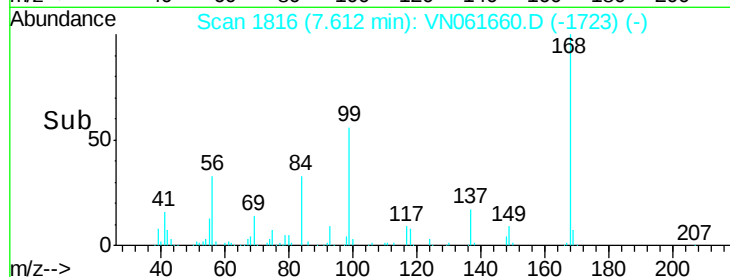
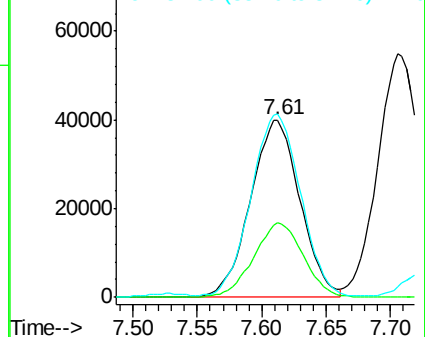
56 100

69 41.9 27.8 41.8#

84 102.2 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC



#32

1,1,1-Trichloroethane

Concen: 19.14 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

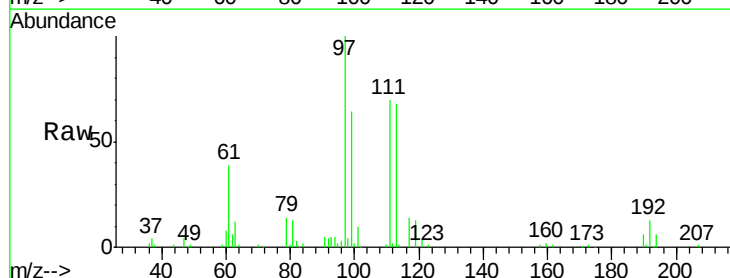
Tgt Ion: 97 Resp: 128109

Ion Ratio Lower Upper

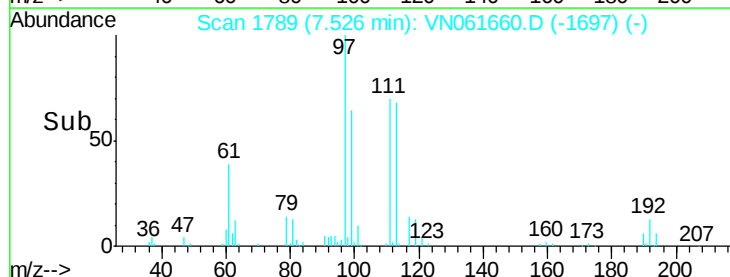
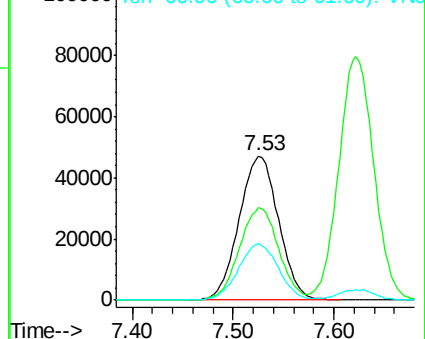
97 100

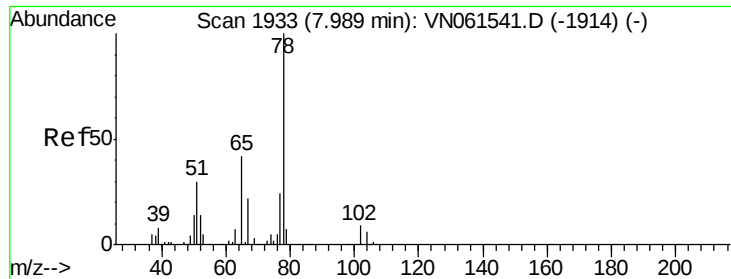
99 64.0 51.4 77.0

61 39.6 31.4 47.0



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC

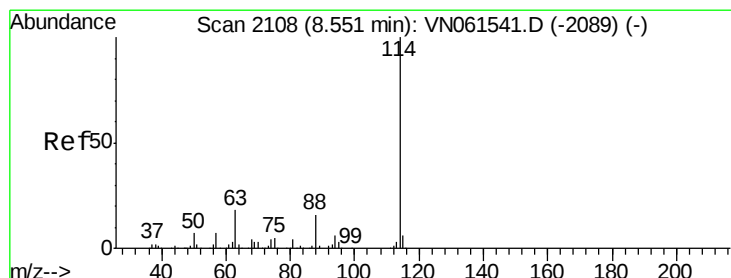
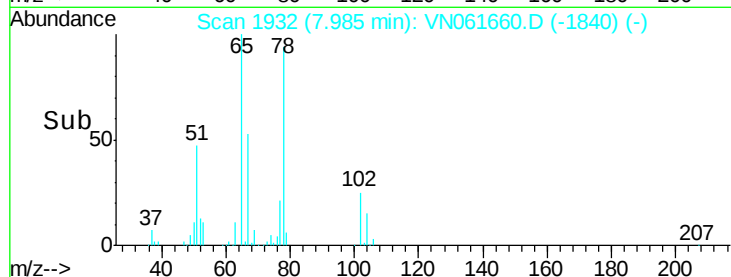
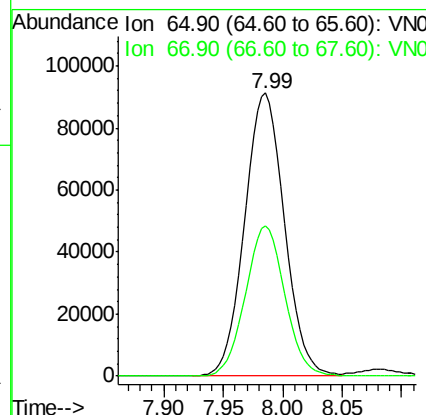
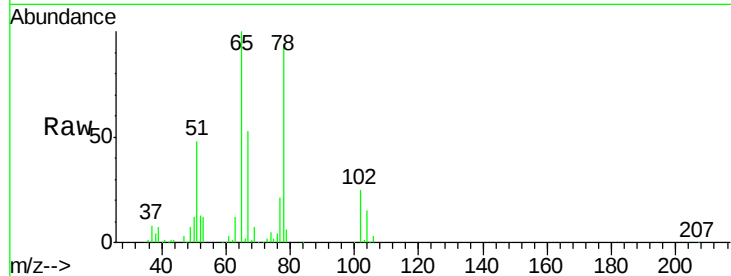




#33
 1,2-Dichloroethane-d4
 Concen: 49.95 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

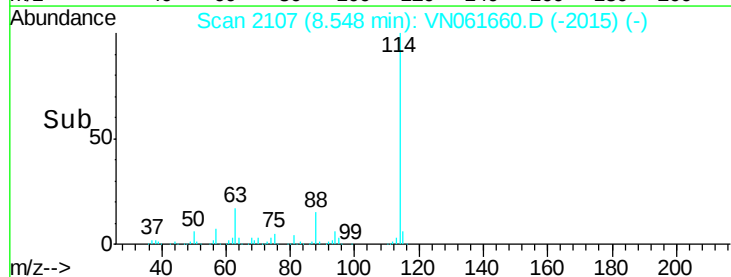
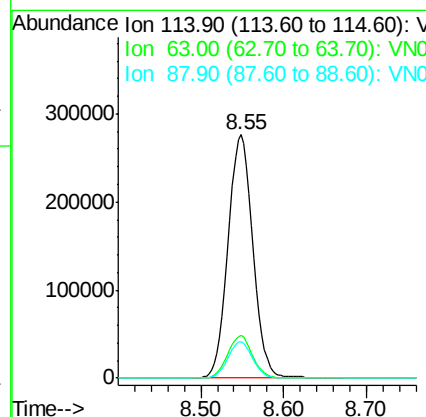
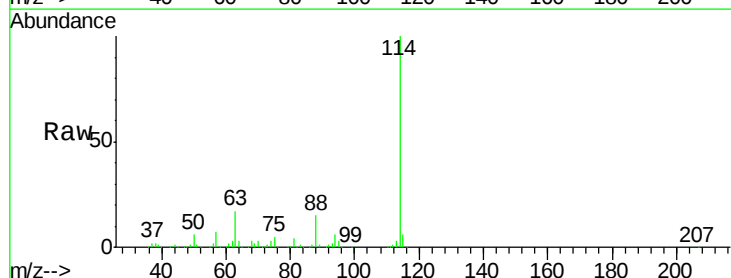
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBS01

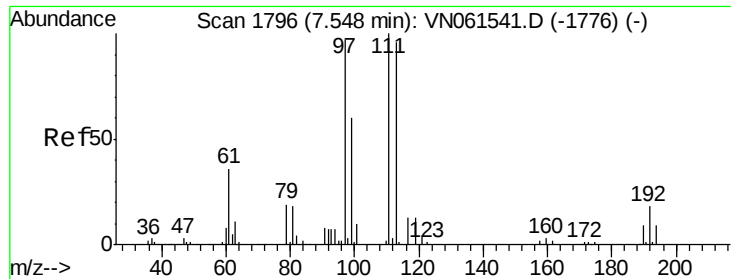
Tgt Ion: 65 Resp: 211692
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Tgt Ion: 114 Resp: 574320
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.8
 88 15.1 0.0 31.0

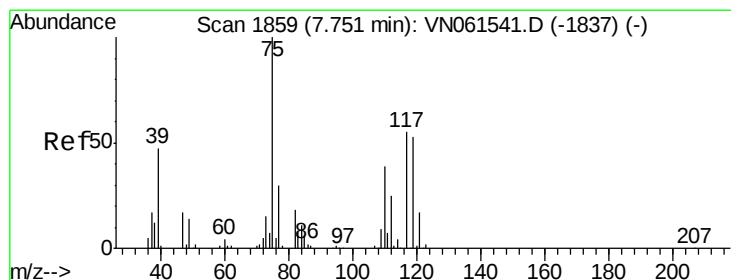
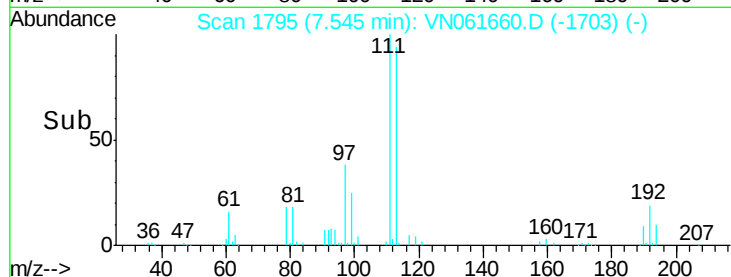
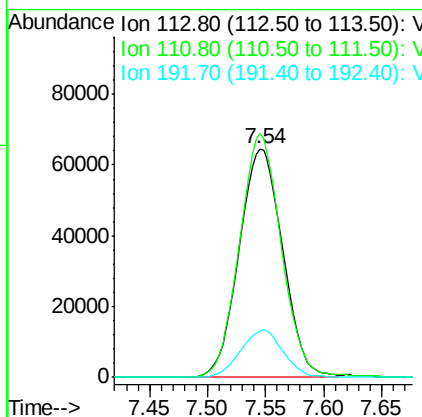
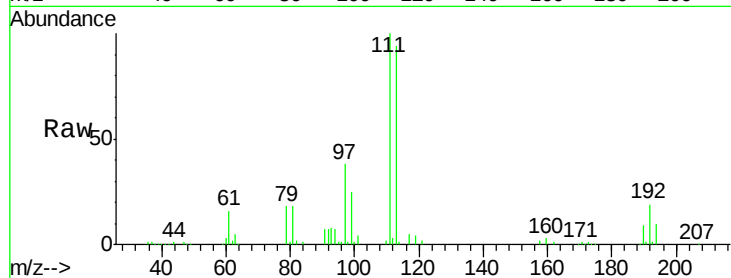




#35
 Dibromofluoromethane
 Concen: 57.99 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

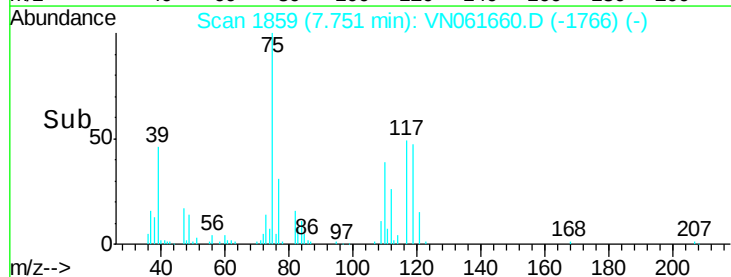
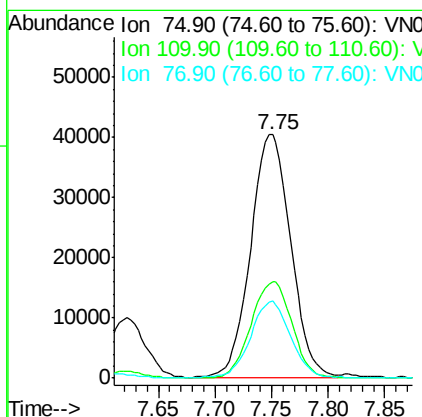
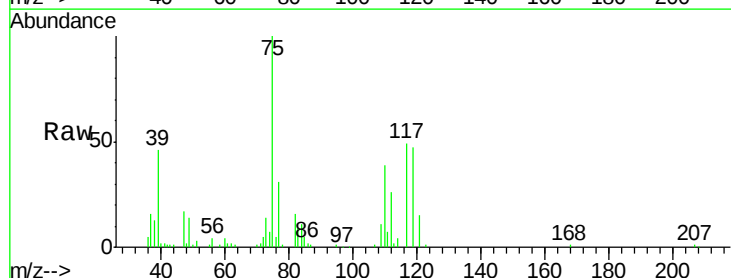
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBS01

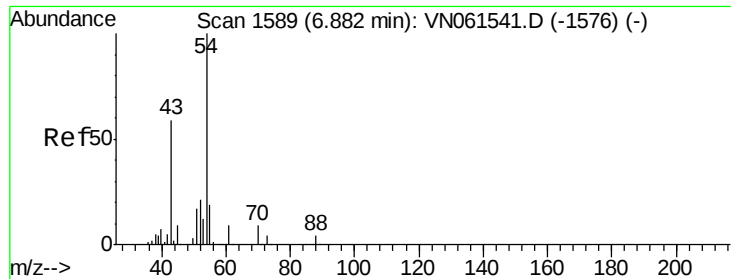
Tgt Ion: 113 Resp: 168947
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.4 125.0
 192 20.1 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 19.70 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Tgt Ion: 75 Resp: 100142
 Ion Ratio Lower Upper
 75 100
 110 40.1 19.5 58.5
 77 31.4 24.7 37.1

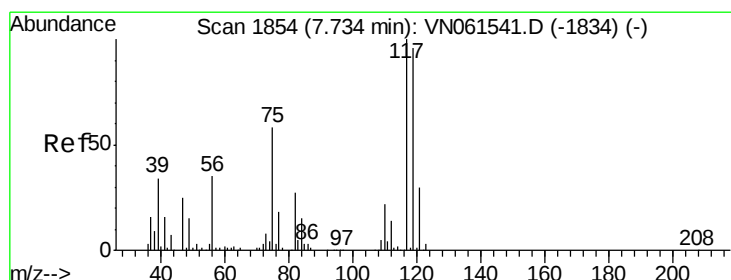
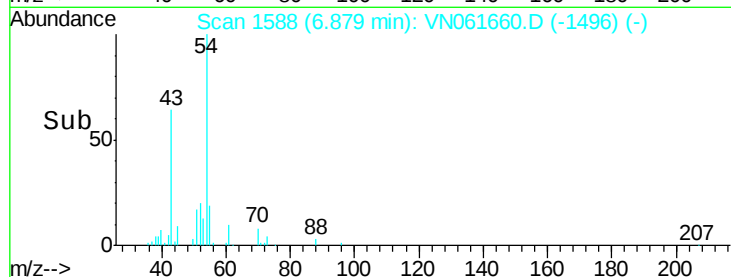
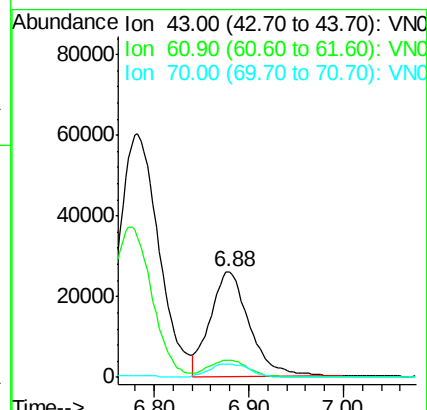
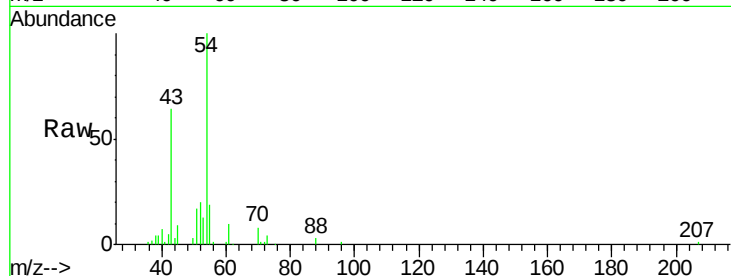




#37
 Ethyl Acetate
 Concen: 18.31 ug/l
 RT: 6.88 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

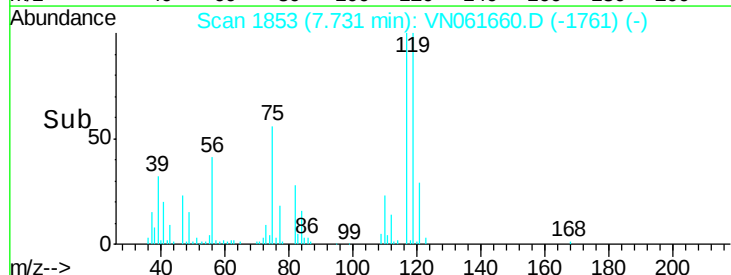
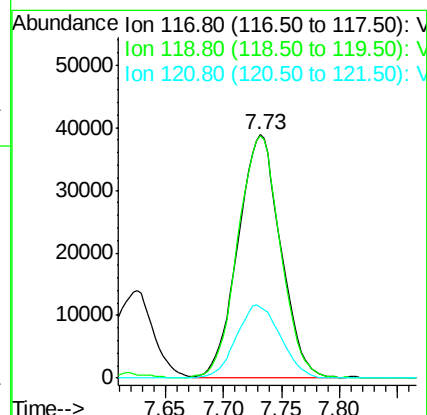
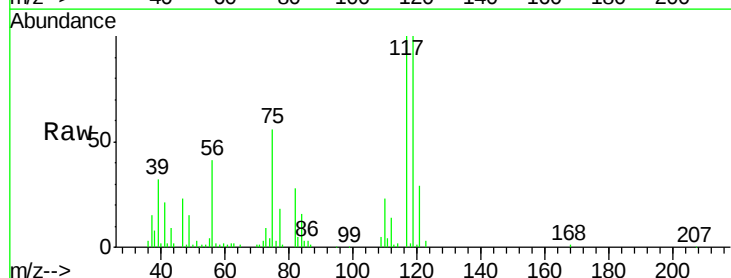
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBS01

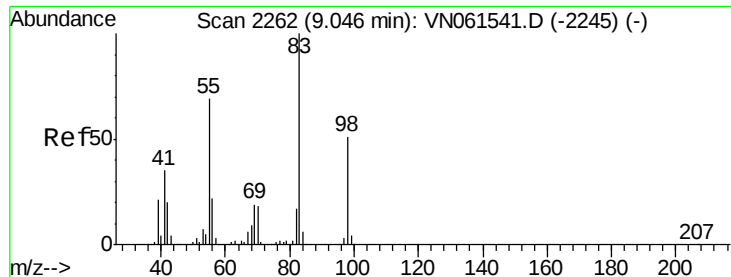
Tgt Ion: 43 Resp: 74989
 Ion Ratio Lower Upper
 43 100
 61 15.3 12.2 18.4
 70 13.2 9.4 14.2



#38
 Carbon Tetrachloride
 Concen: 20.32 ug/l
 RT: 7.73 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Tgt Ion: 117 Resp: 99640
 Ion Ratio Lower Upper
 117 100
 119 99.7 76.5 114.7
 121 29.2 24.1 36.1

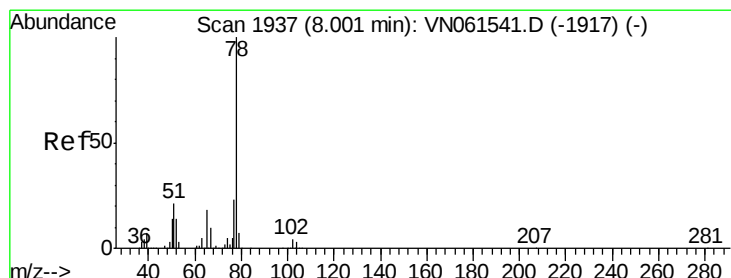
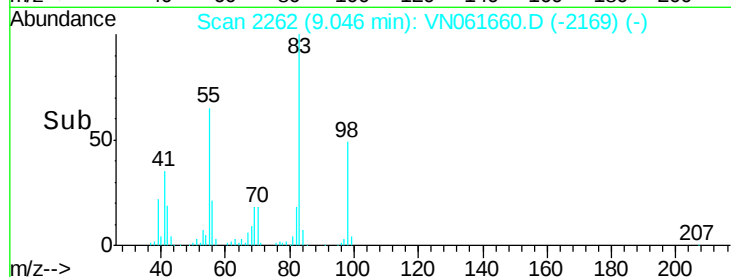
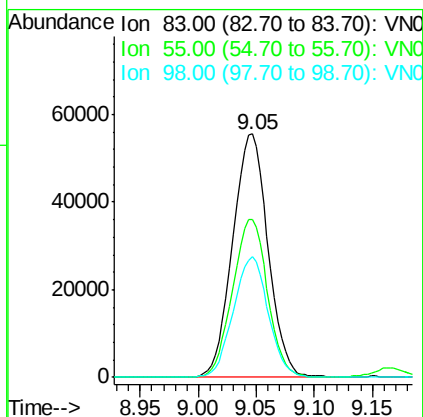
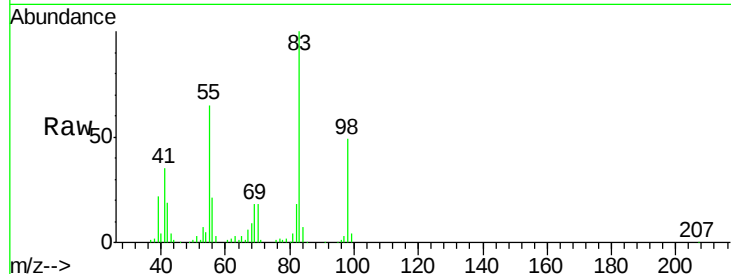




#39
Methylcyclohexane
Concen: 18.71 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

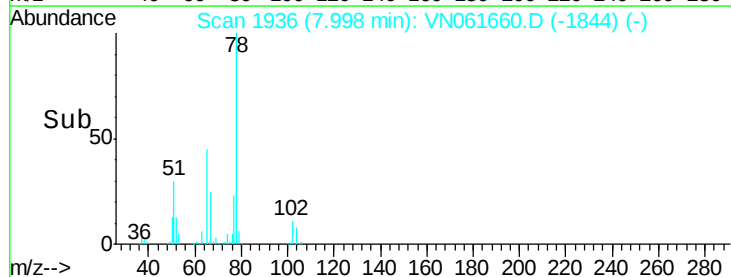
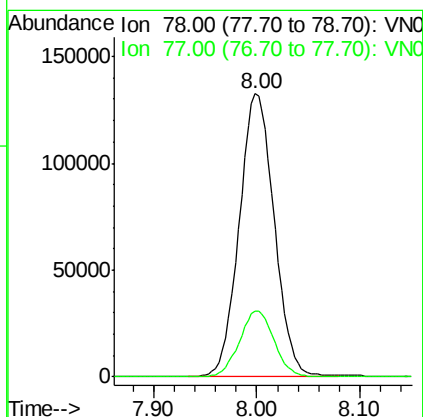
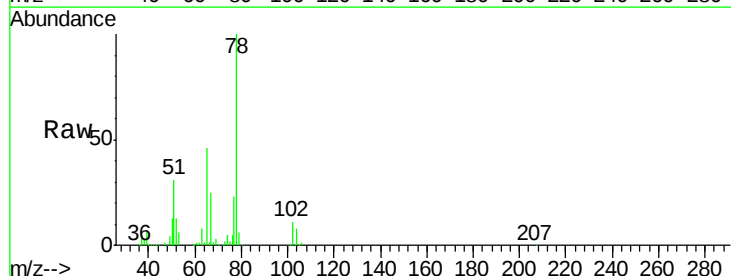
Instrument :
MSVOA_N
ClientSampleId :
VN0605WBS01

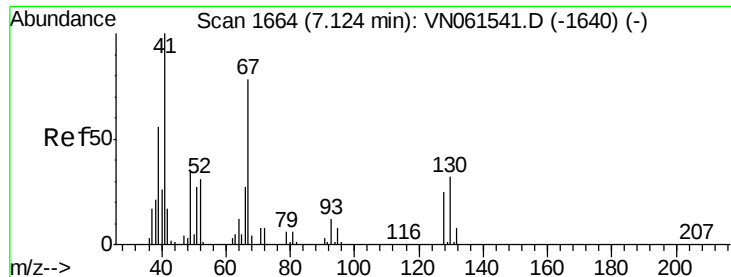
Tgt Ion: 83 Resp: 117260
Ion Ratio Lower Upper
83 100
55 64.7 54.9 82.3
98 49.4 41.0 61.4



#40
Benzene
Concen: 19.95 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion: 78 Resp: 313007
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0

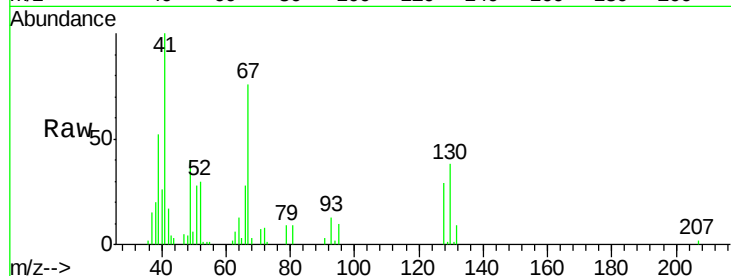




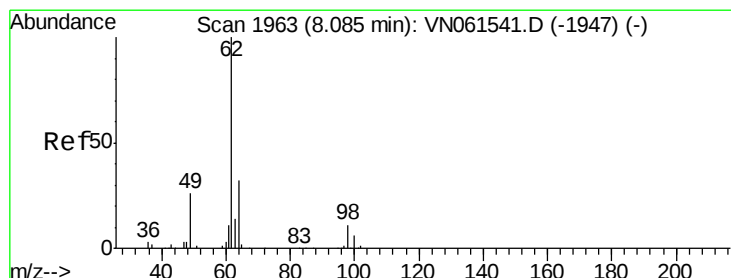
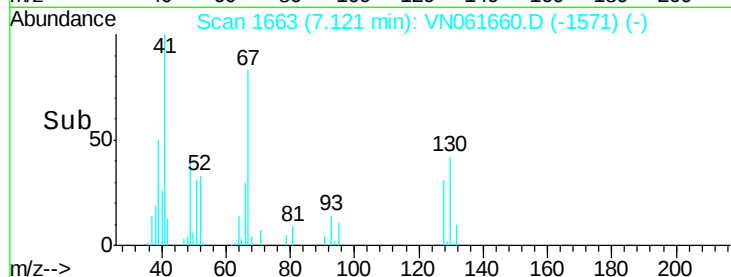
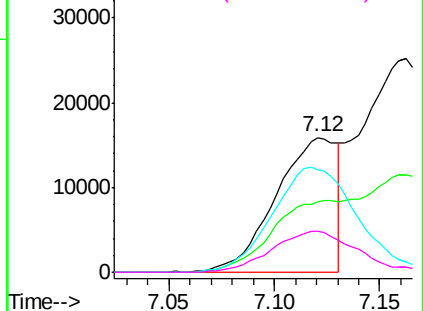
#41
Methacrylonitrile
Concen: 17.13 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBS01

Tgt Ion: 41 Resp: 32139
Ion Ratio Lower Upper
41 100
39 56.6 53.8 80.6
67 109.0 91.1 136.7
52 43.5 36.0 54.0

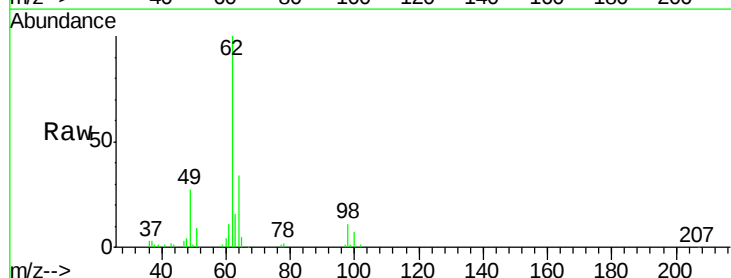


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

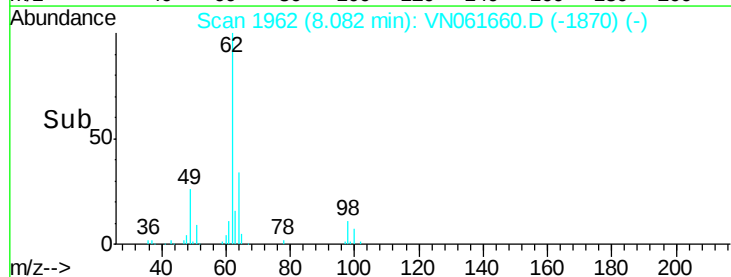
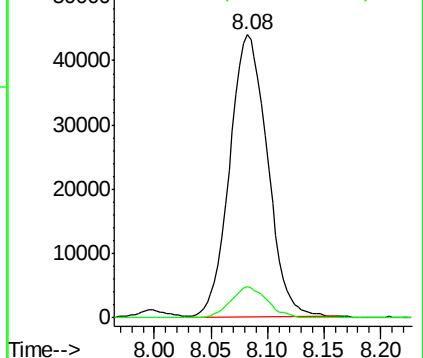


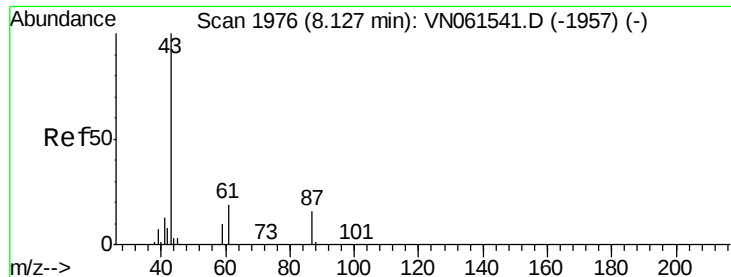
#42
1,2-Dichloroethane
Concen: 19.41 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion: 62 Resp: 101940
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 17.96 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN0605WBS01

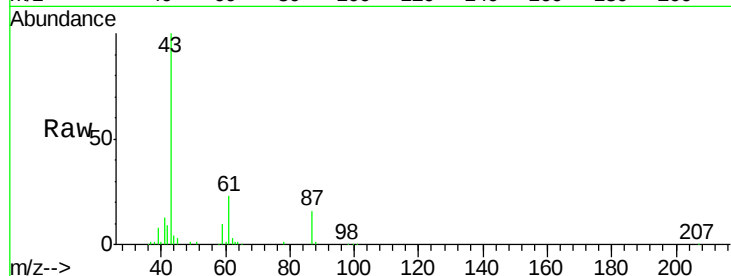
Tgt Ion: 43 Resp: 132297

Ion Ratio Lower Upper

43 100

61 24.2 23.6 35.4

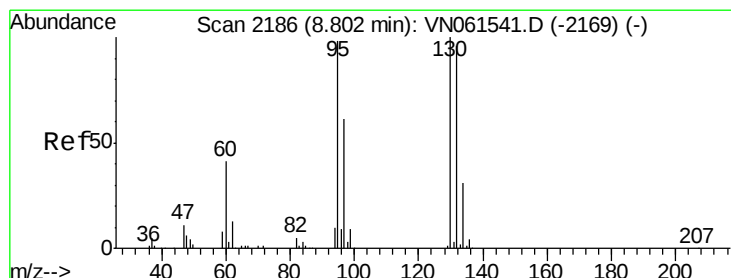
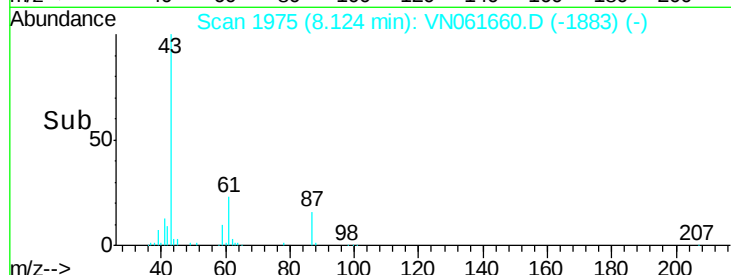
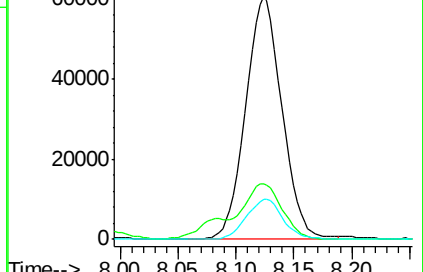
87 16.6 13.0 19.6



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN061541.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN061541.D (-1957) (-)



#44

Trichloroethene

Concen: 20.17 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061660.D

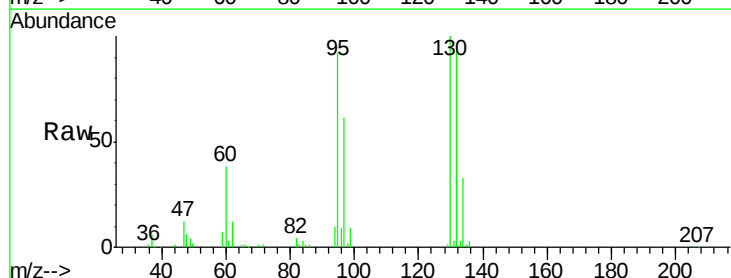
Acq: 5 Jun 2020 11:35

Tgt Ion: 130 Resp: 97238

Ion Ratio Lower Upper

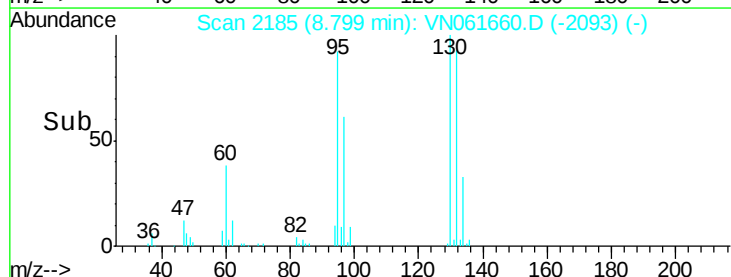
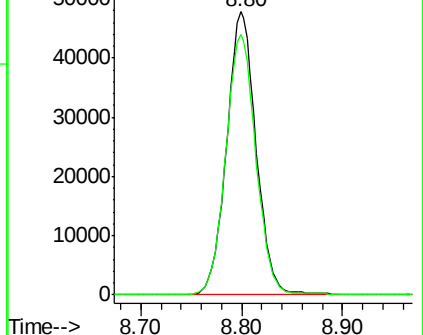
130 100

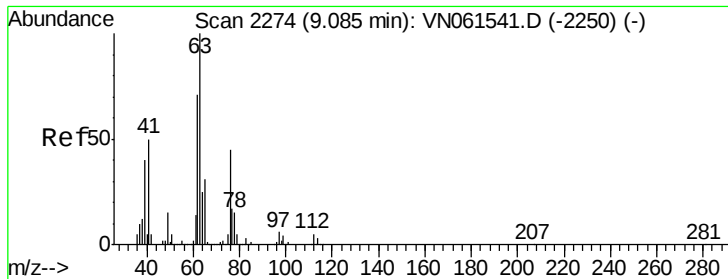
95 91.9 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): VN061541.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN061541.D (-2169) (-)





#45

1,2-Dichloropropane

Concen: 20.11 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

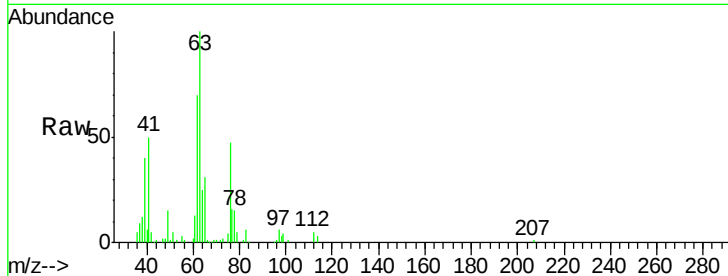
VN0605WBS01

Tgt Ion: 63 Resp: 74912

Ion Ratio Lower Upper

63 100

65 30.8 24.7 37.1

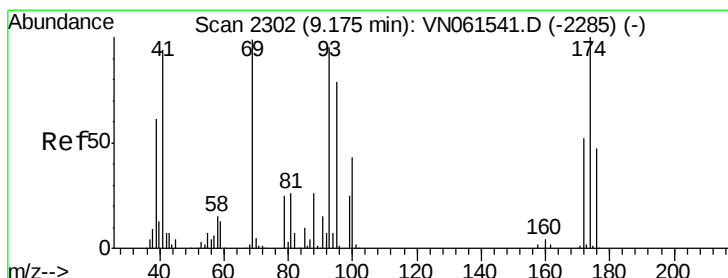
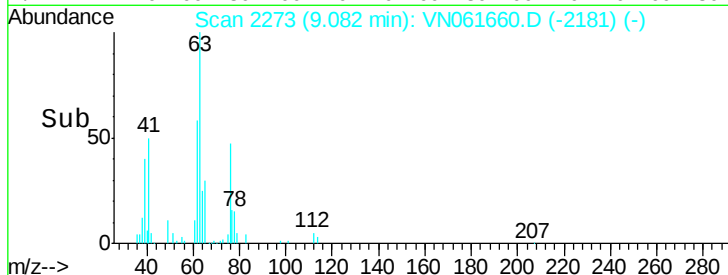


Abundance Ion 62.90 (62.60 to 63.60): VN061660.D (-2273) (-)

Ion 64.90 (64.60 to 65.60): VN061660.D (-2273) (-)

9.08

Time-->



#46

Dibromomethane

Concen: 19.55 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

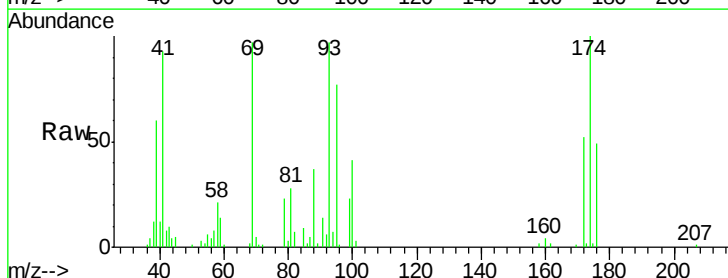
Tgt Ion: 93 Resp: 55864

Ion Ratio Lower Upper

93 100

95 82.2 66.0 99.0

174 105.4 82.5 123.7



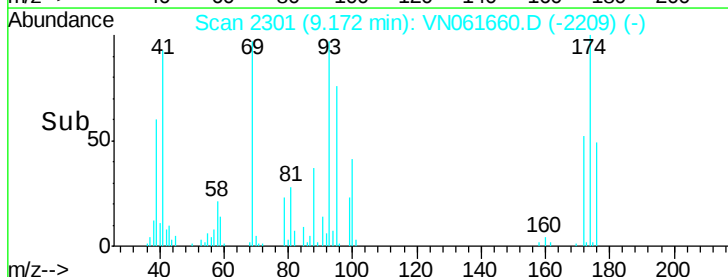
Abundance Ion 92.80 (92.50 to 93.50): VN061660.D (-2299) (-)

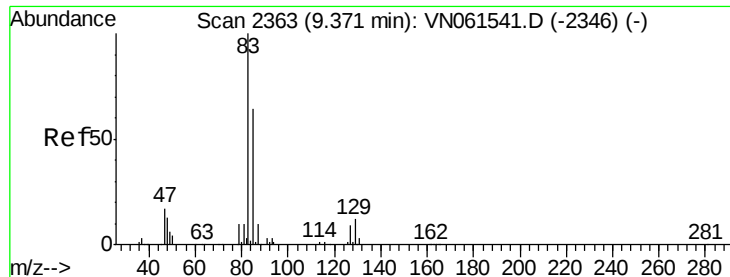
Ion 94.80 (94.50 to 95.50): VN061660.D (-2299) (-)

Ion 173.70 (173.40 to 174.40): VN061660.D (-2299) (-)

9.17

Time-->





#47

Bromodichloromethane

Concen: 19.88 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN0605WBS01

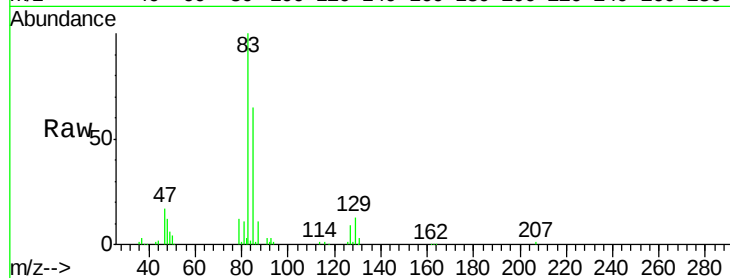
Tgt Ion: 83 Resp: 112540

Ion Ratio Lower Upper

83 100

85 64.8 51.1 76.7

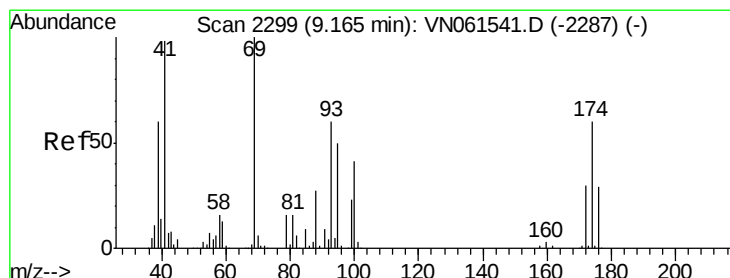
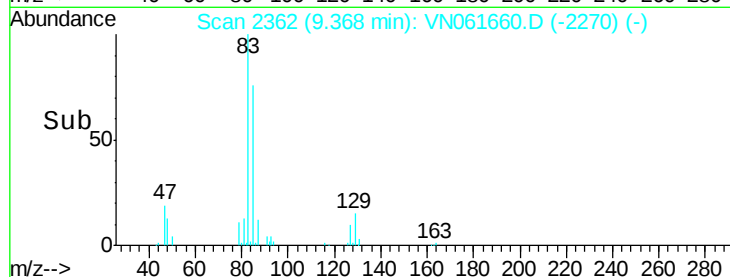
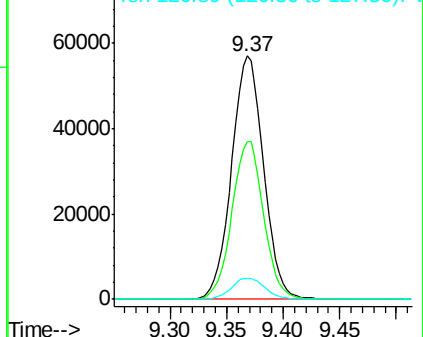
127 8.5 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061660.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061660.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061660.D (-2270) (-)



#48

Methyl methacrylate

Concen: 17.02 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

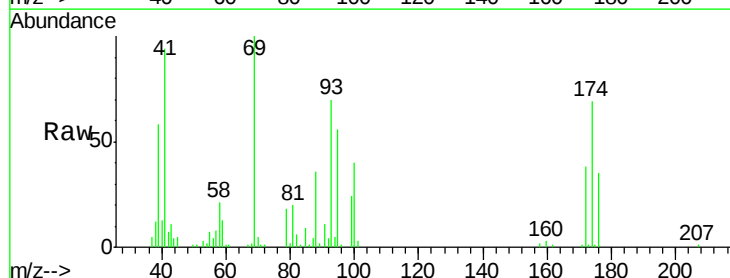
Tgt Ion: 41 Resp: 56403

Ion Ratio Lower Upper

41 100

69 108.6 83.9 125.9

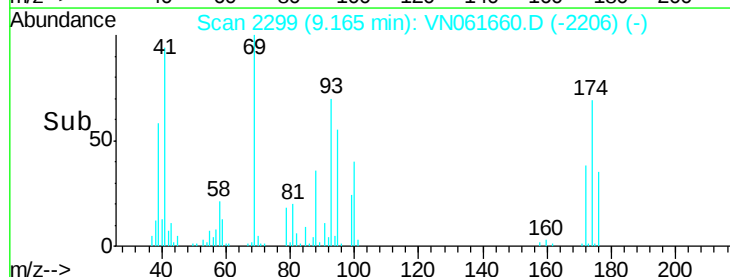
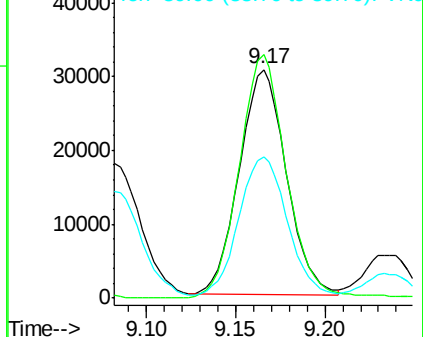
39 65.6 52.1 78.1

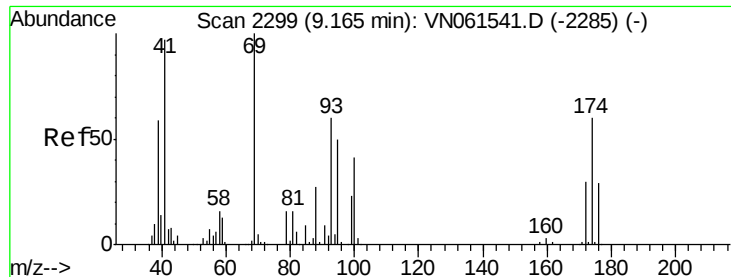


Abundance Ion 41.00 (40.70 to 41.70): VN061660.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061660.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061660.D (-2206) (-)

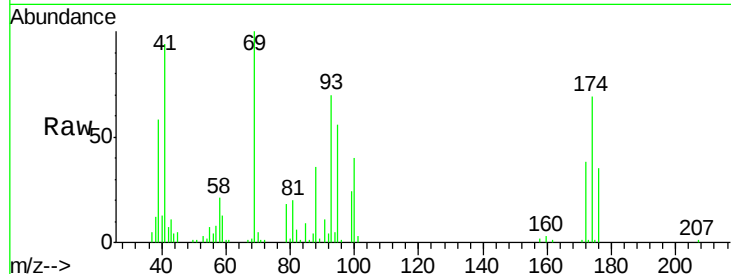




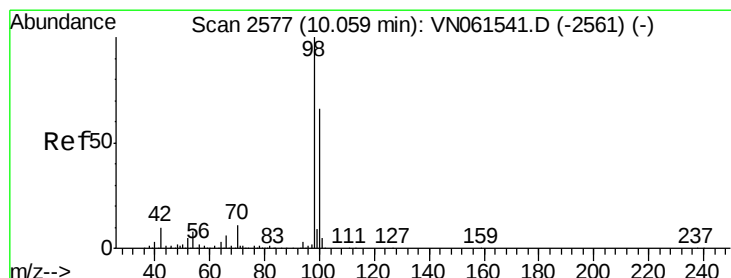
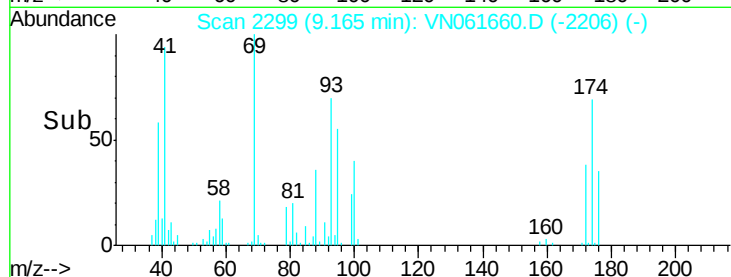
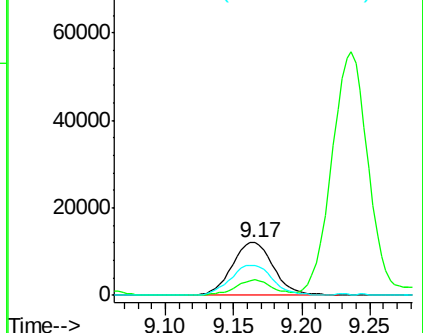
#49
1,4-Dioxane
Concen: 497.58 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Instrument :
MSVOA_N
ClientSampled :
VN0605WBS01

Tgt Ion: 88 Resp: 25551
Ion Ratio Lower Upper
88 100
43 26.4 23.1 34.7
58 58.0 48.3 72.5

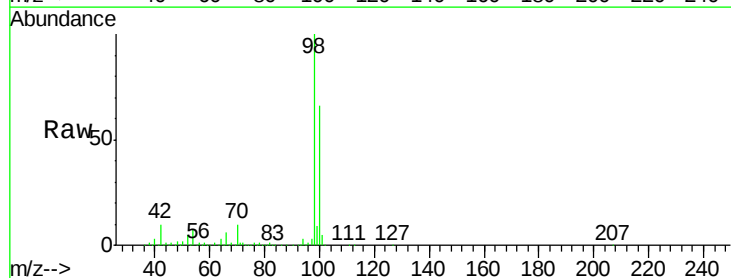


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

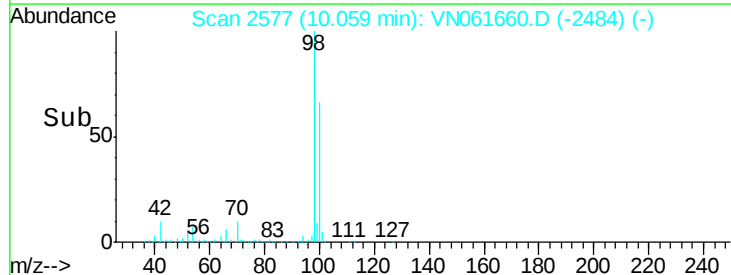
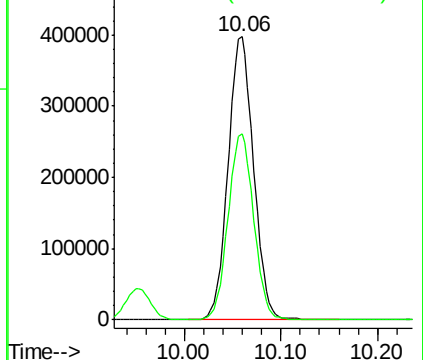


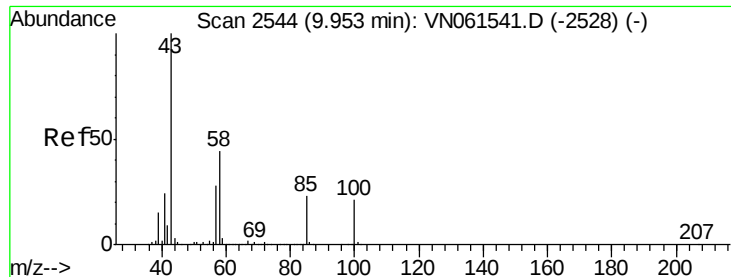
#50
Toluene-d8
Concen: 53.87 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion: 98 Resp: 727242
Ion Ratio Lower Upper
98 100
100 65.8 52.8 79.2



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

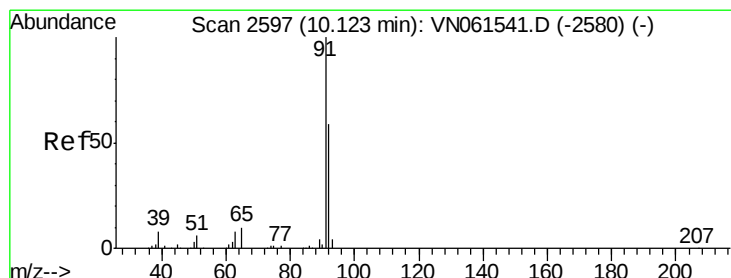
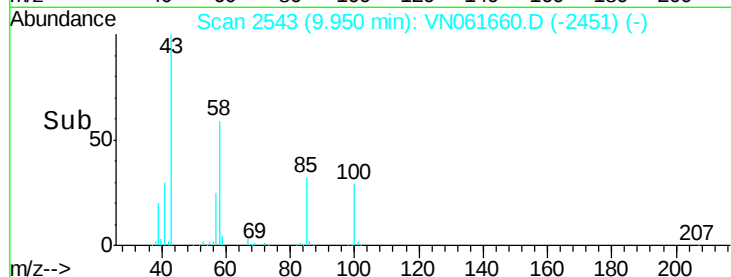
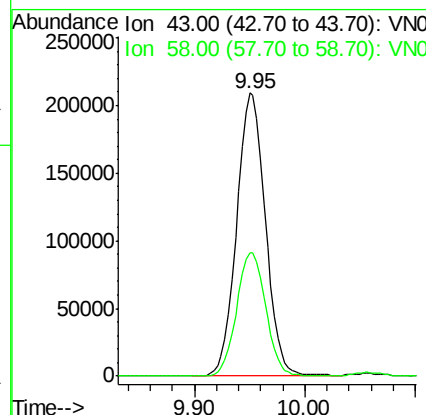
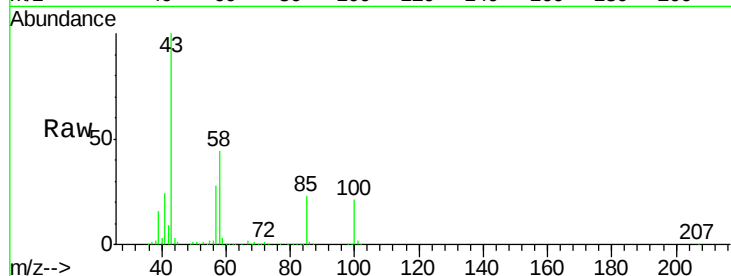




#51
 4-Methyl-2-Pentanone
 Concen: 91.15 ug/l
 RT: 9.95 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

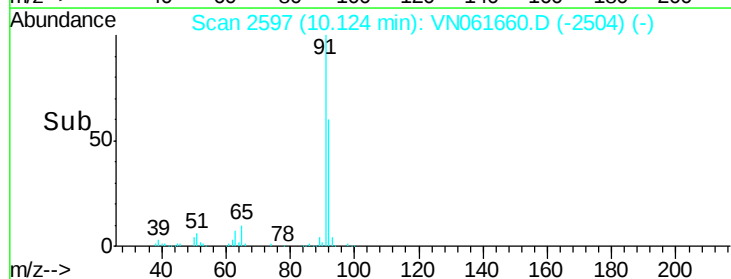
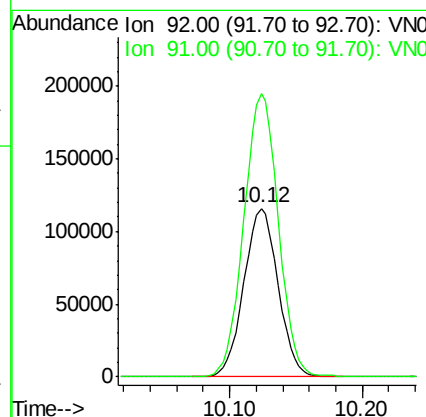
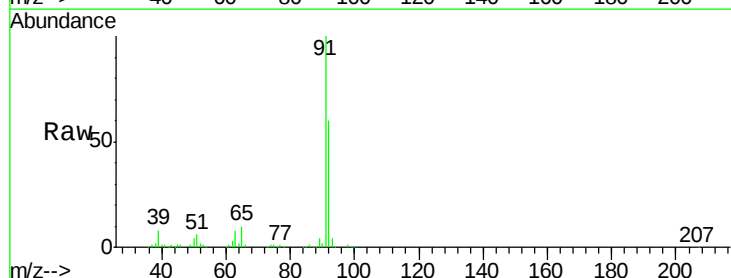
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBS01

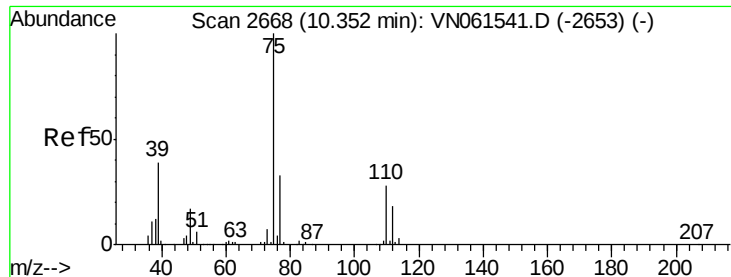
Tgt Ion: 43 Resp: 378447
 Ion Ratio Lower Upper
 43 100
 58 44.3 35.0 52.6



#52
 Toluene
 Concen: 20.34 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Tgt Ion: 92 Resp: 208283
 Ion Ratio Lower Upper
 92 100
 91 169.6 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 19.26 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

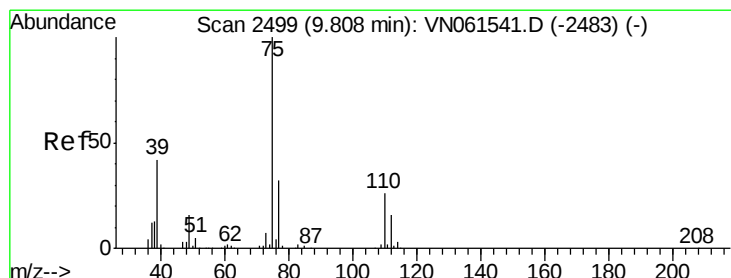
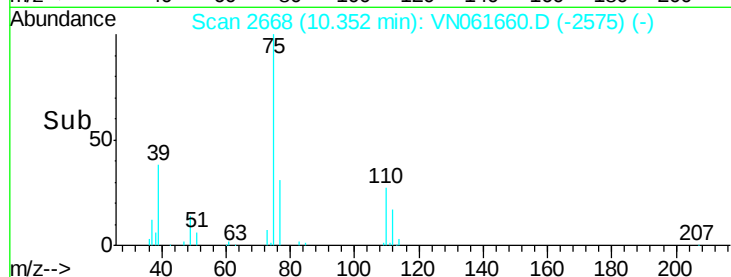
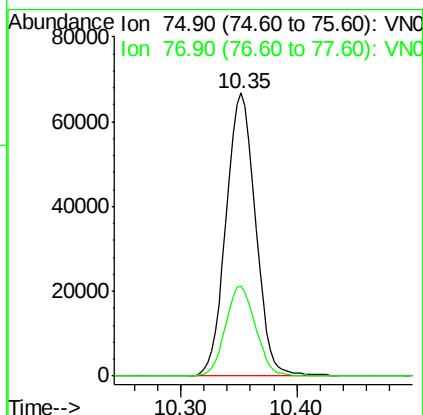
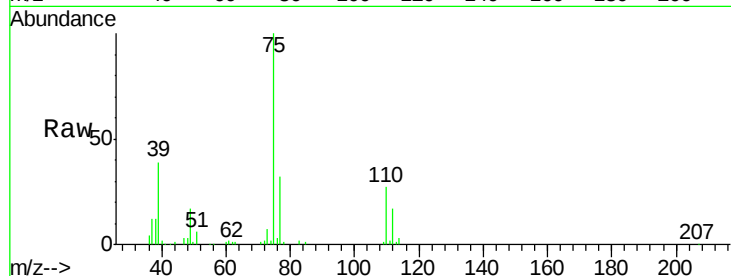
VN0605WBS01

Tgt Ion: 75 Resp: 117432

Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 19.78 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

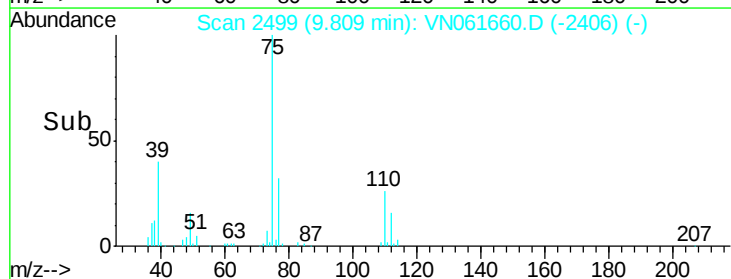
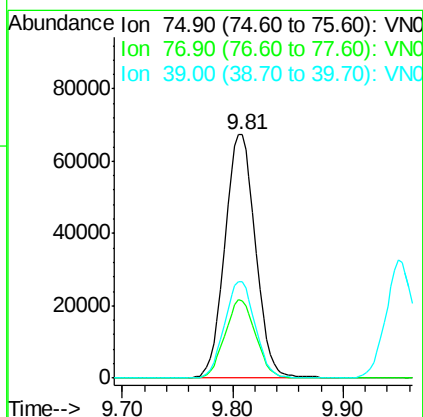
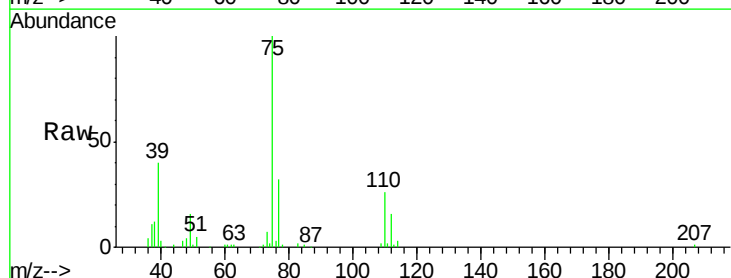
Tgt Ion: 75 Resp: 129709

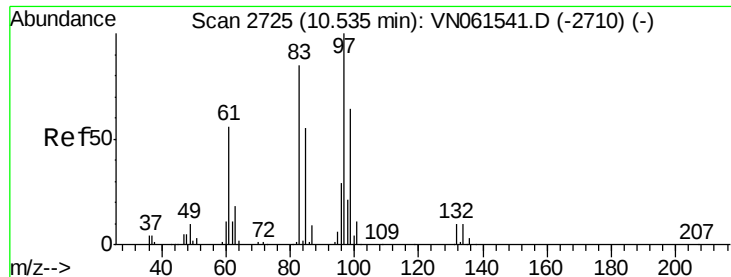
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

39 39.7 33.8 50.6

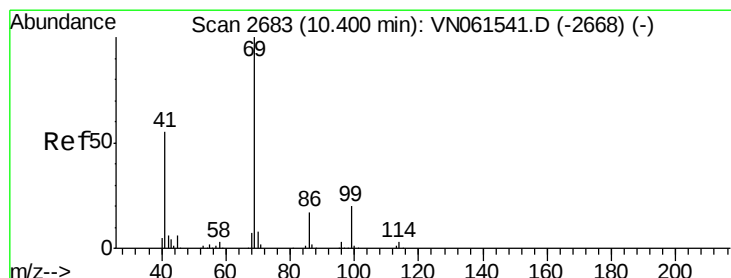
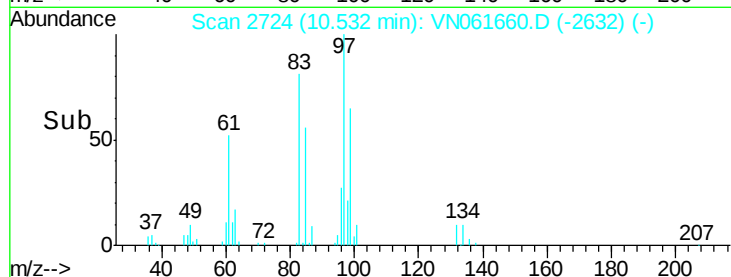
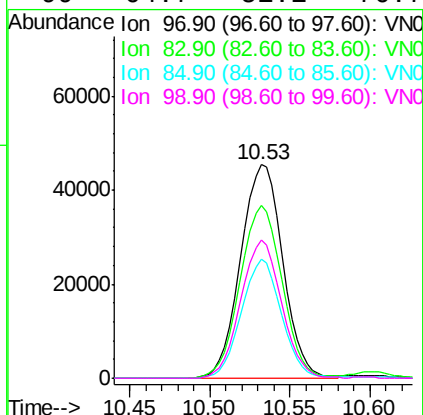
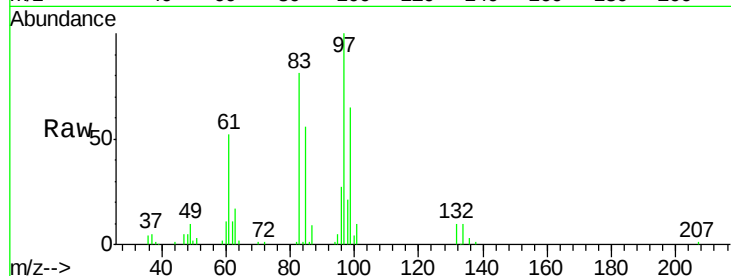




#55
 1,1,2-Trichloroethane
 Concen: 20.06 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

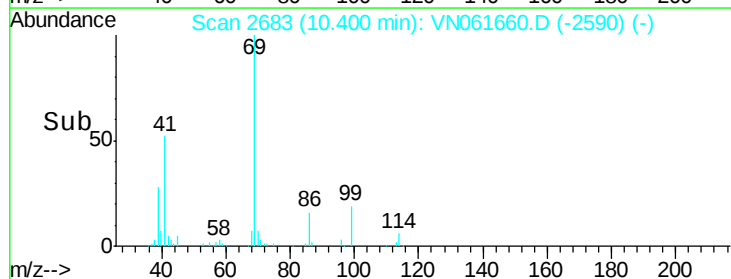
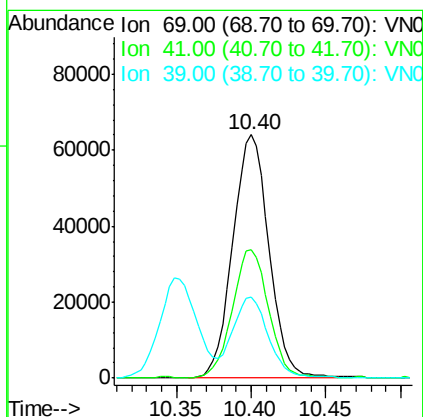
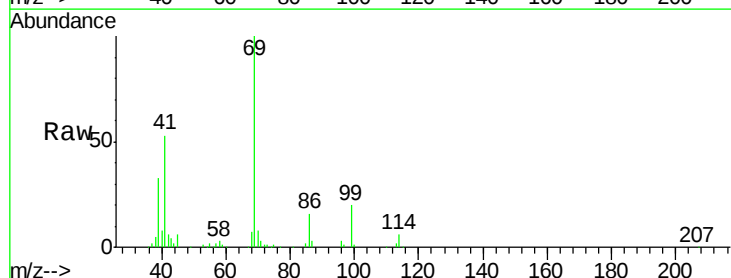
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBS01

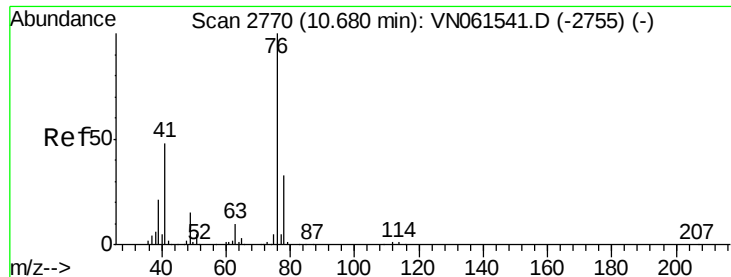
Tgt Ion: 97 Resp: 81833
 Ion Ratio Lower Upper
 97 100
 83 80.9 68.1 102.1
 85 55.7 44.1 66.1
 99 64.7 51.1 76.7



#56
 Ethyl methacrylate
 Concen: 18.99 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Tgt Ion: 69 Resp: 108193
 Ion Ratio Lower Upper
 69 100
 41 51.6 43.5 65.3
 39 32.4 27.0 40.6





#57

1,3-Dichloropropane

Concen: 19.95 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

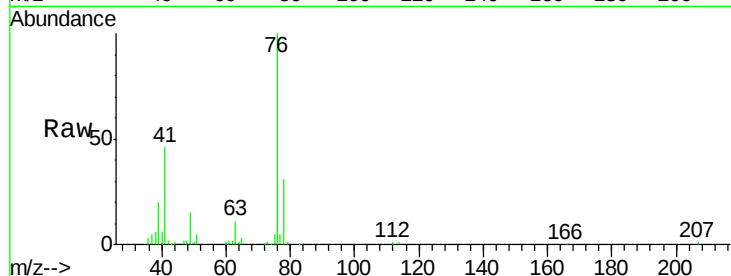
VN0605WBS01

Tgt Ion: 76 Resp: 130153

Ion Ratio Lower Upper

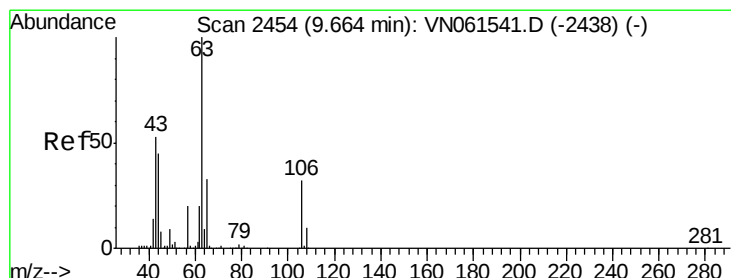
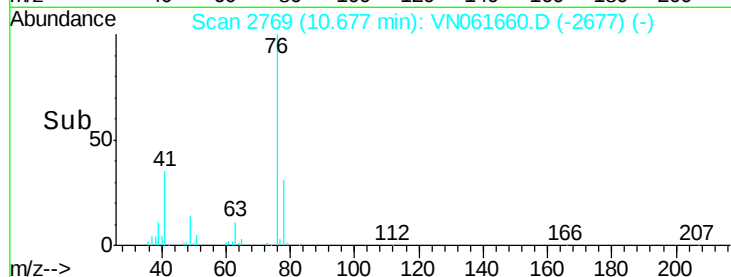
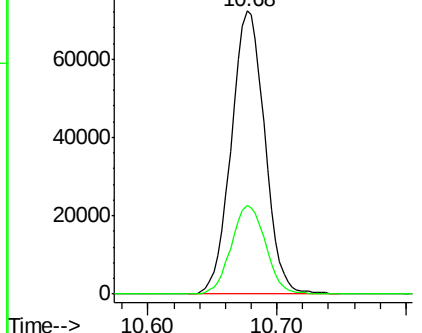
76 100

78 32.3 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VN061541.D (-2755) (-)

Ion 77.90 (77.60 to 78.60): VN061541.D (-2755) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 93.70 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN061660.D

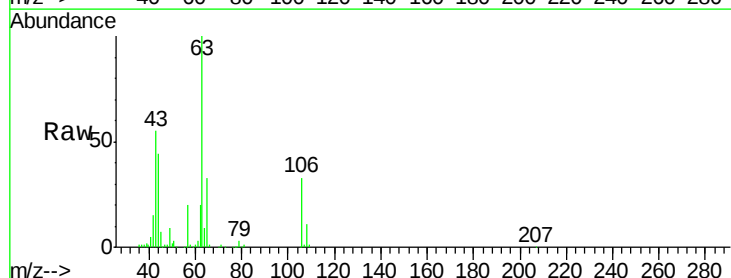
Acq: 5 Jun 2020 11:35

Tgt Ion: 63 Resp: 228167

Ion Ratio Lower Upper

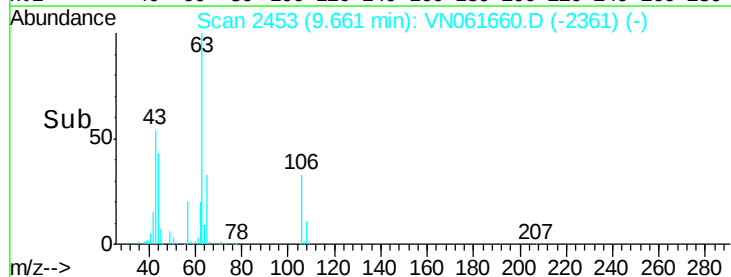
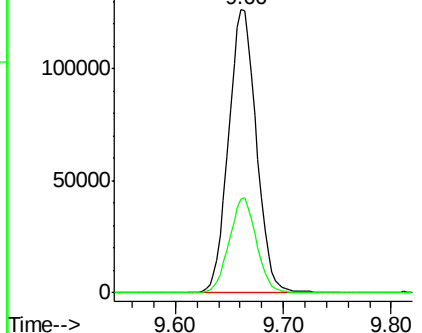
63 100

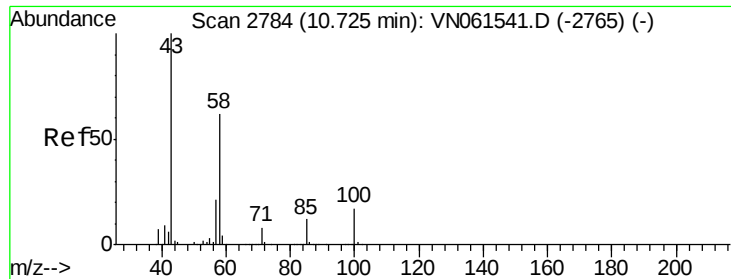
106 32.7 25.9 38.9



Abundance Ion 62.90 (62.60 to 63.60): VN061541.D (-2438) (-)

Ion 105.90 (105.60 to 106.60): VN061541.D (-2438) (-)

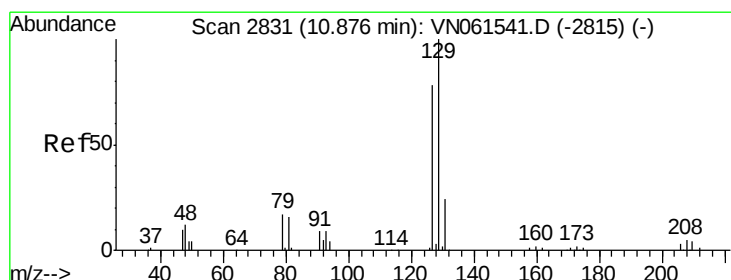
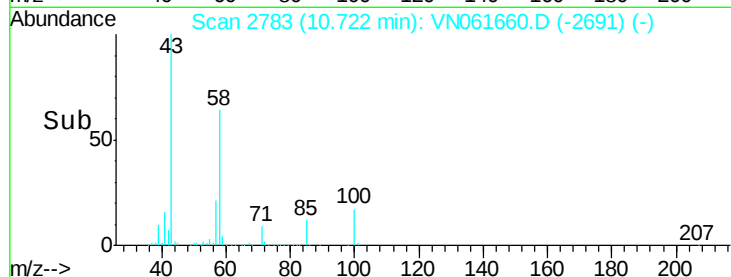
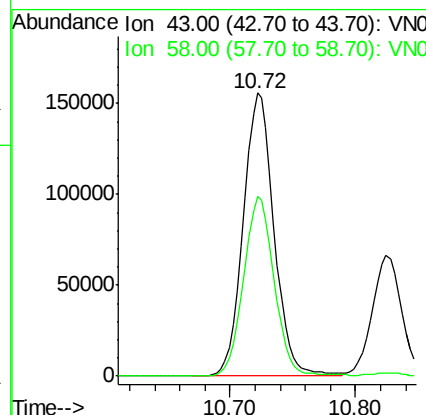
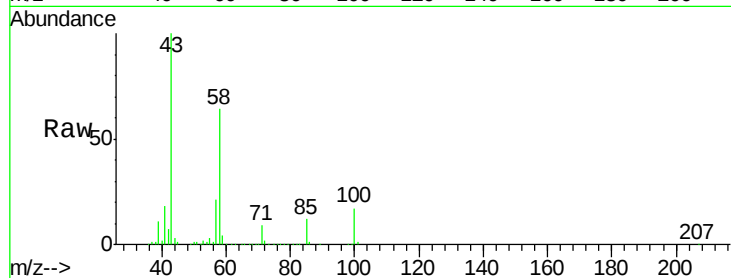




#59
2-Hexanone
Concen: 89.09 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

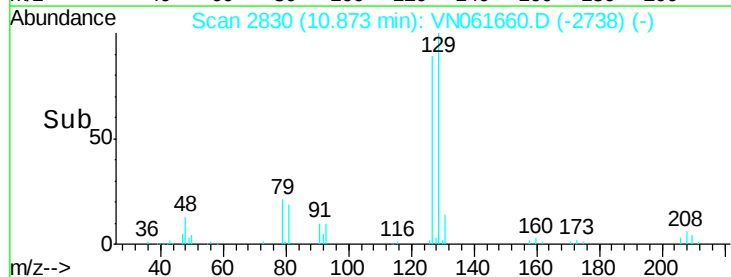
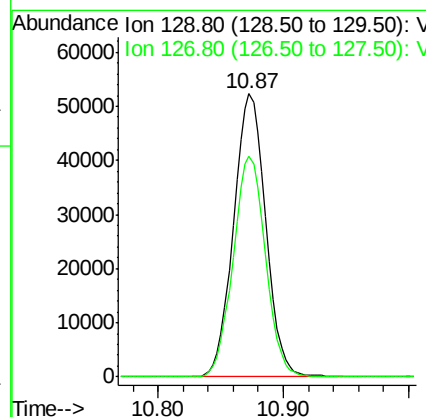
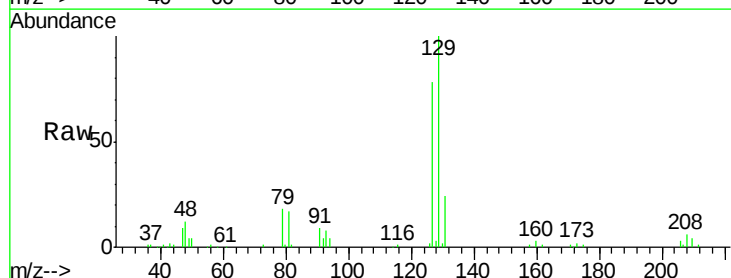
Instrument :
MSVOA_N
ClientSampleId :
VN0605WBS01

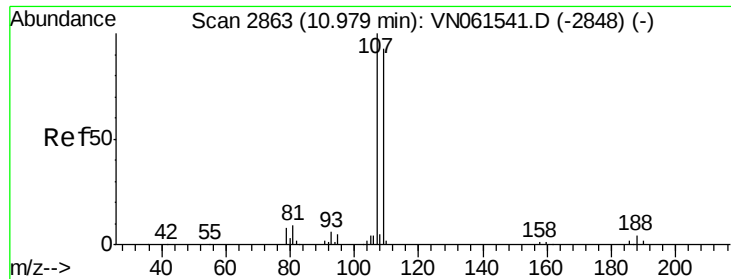
Tgt Ion: 43 Resp: 265648
Ion Ratio Lower Upper
43 100
58 62.9 30.7 92.1



#60
Dibromochloromethane
Concen: 20.05 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion: 129 Resp: 92964
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.3

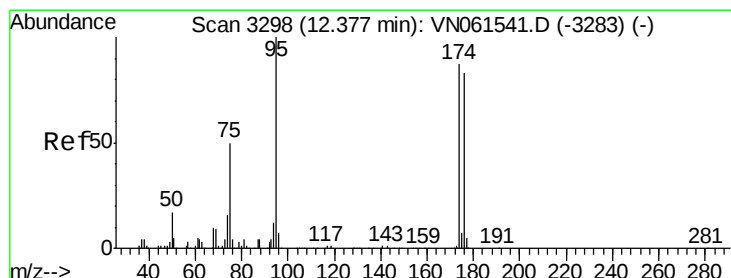
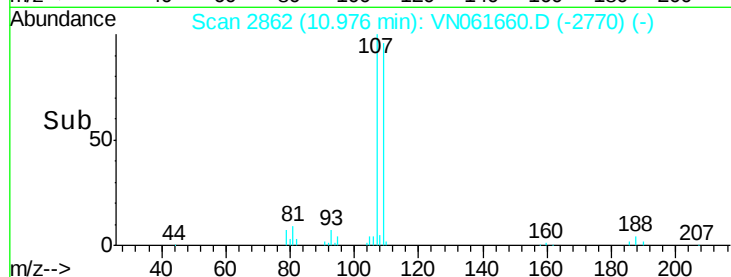
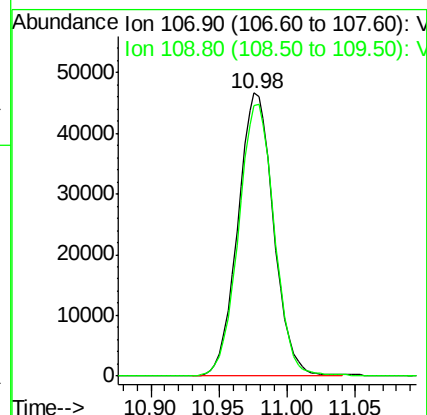
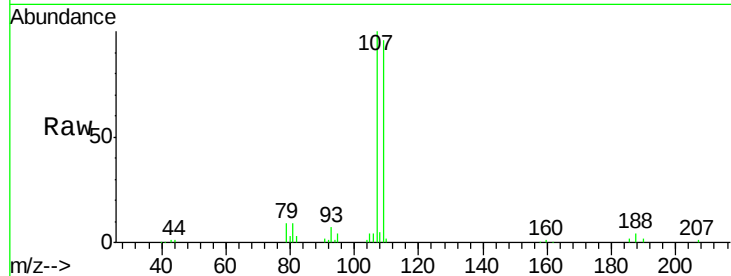




#61
 1,2-Dibromoethane
 Concen: 19.95 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

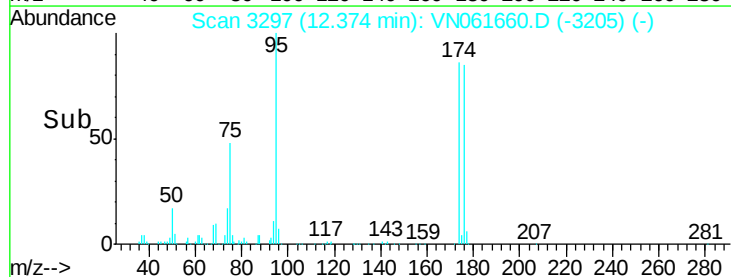
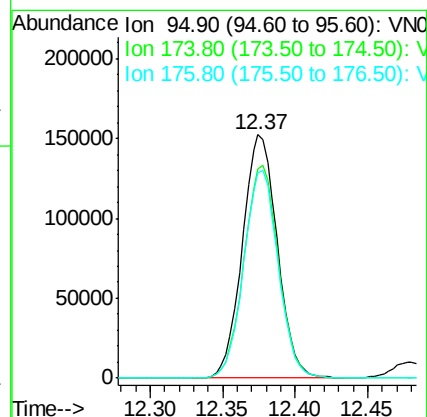
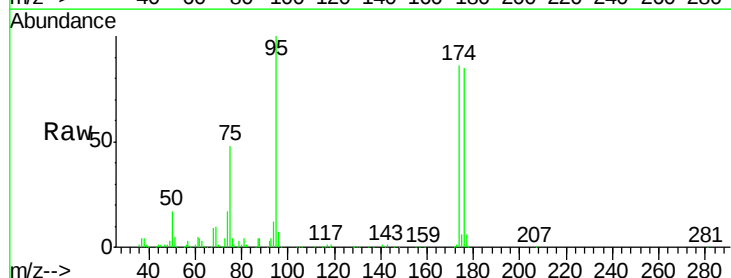
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBS01

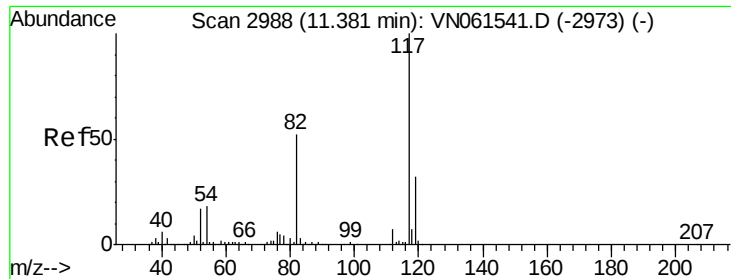
Tgt Ion: 107 Resp: 84862
 Ion Ratio Lower Upper
 107 100
 109 96.2 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 51.86 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Tgt Ion: 95 Resp: 255424
 Ion Ratio Lower Upper
 95 100
 174 86.6 0.0 172.8
 176 84.3 0.0 164.8

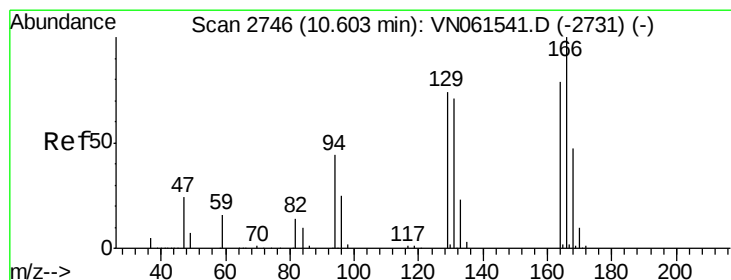
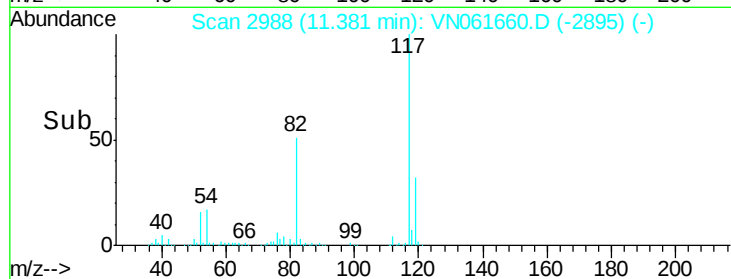
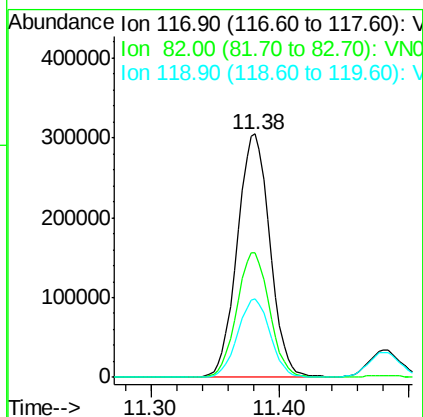
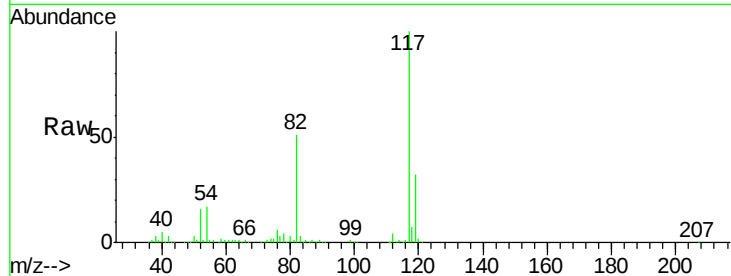




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

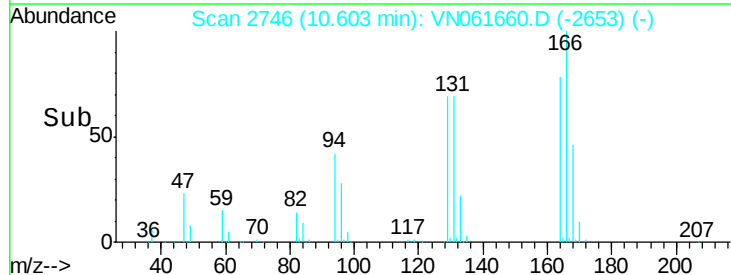
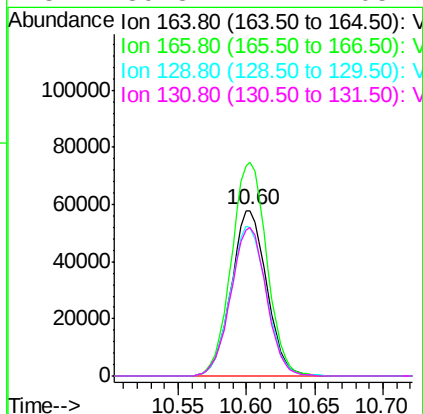
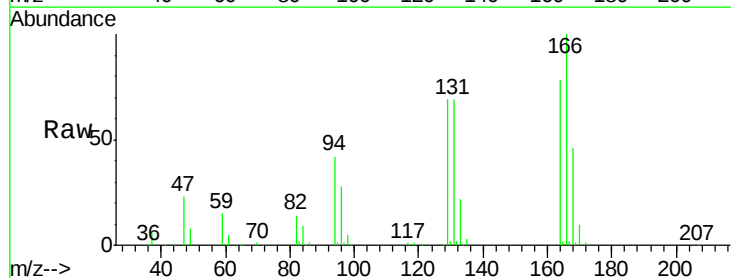
Instrument :
MSVOA_N
ClientSampleId :
VN0605WBS01

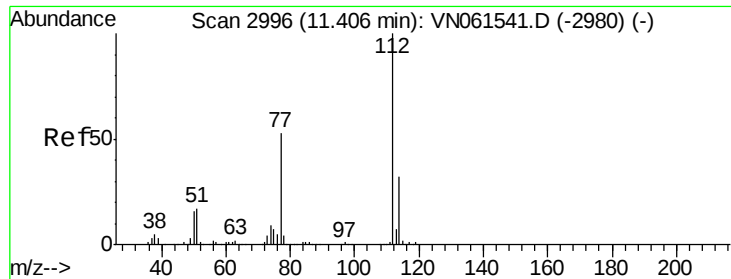
Tgt Ion:117 Resp: 536908
Ion Ratio Lower Upper
117 100
82 50.9 41.5 62.3
119 32.3 25.6 38.4



#64
Tetrachloroethene
Concen: 20.57 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion:164 Resp: 103956
Ion Ratio Lower Upper
164 100
166 128.9 101.5 152.3
129 89.4 74.9 112.3
131 89.3 72.2 108.2

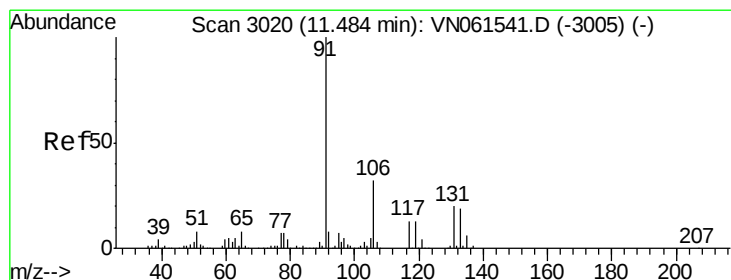
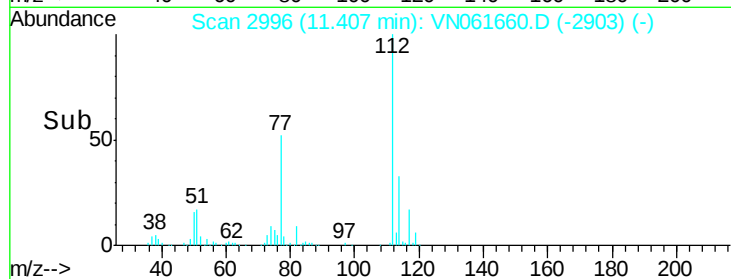
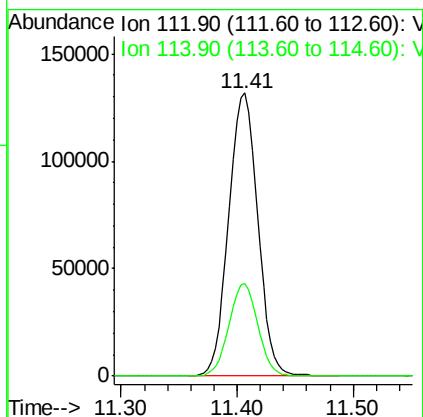
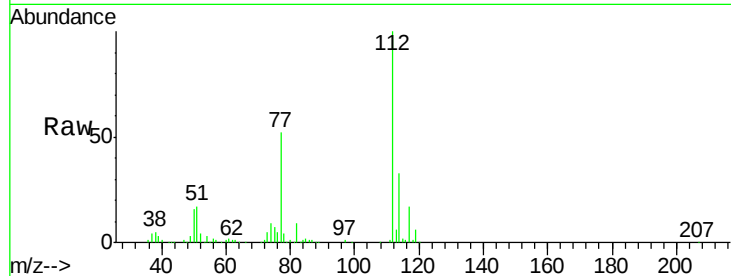




#65
Chlorobenzene
Concen: 20.48 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

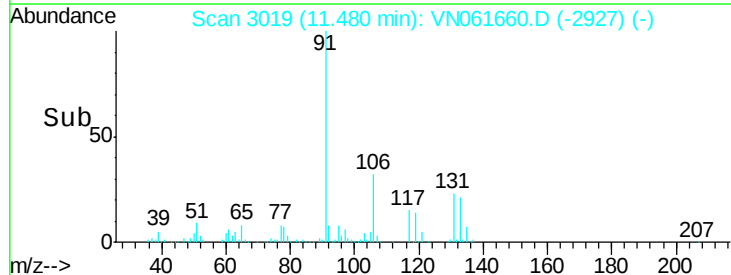
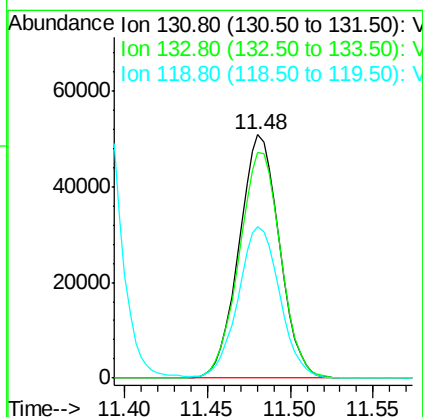
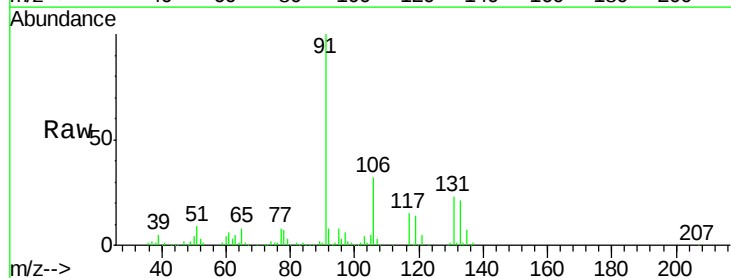
Instrument :
MSVOA_N
ClientSampled :
VN0605WBS01

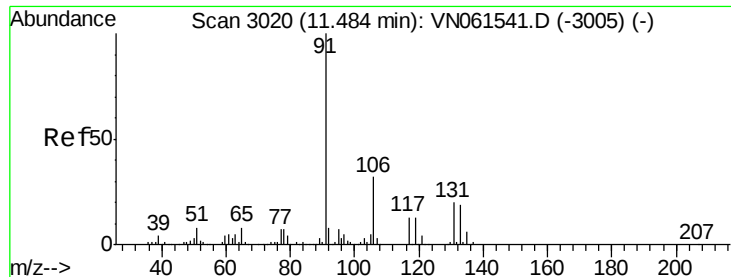
Tgt Ion:112 Resp: 228534
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.79 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion:131 Resp: 86374
Ion Ratio Lower Upper
131 100
133 95.6 47.4 142.2
119 64.0 32.6 97.8

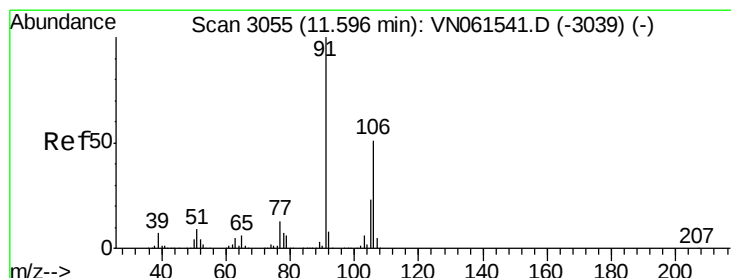
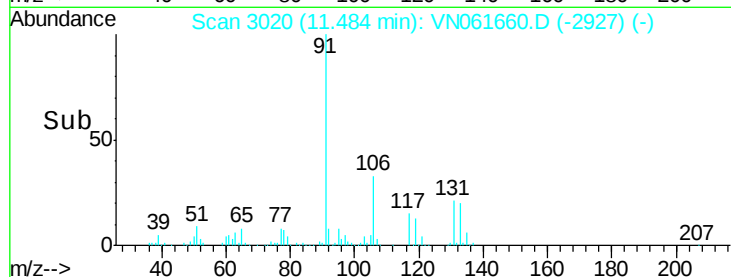
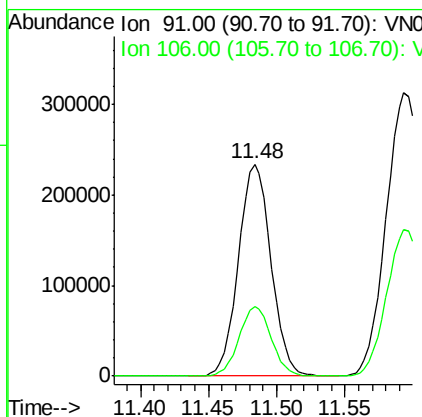
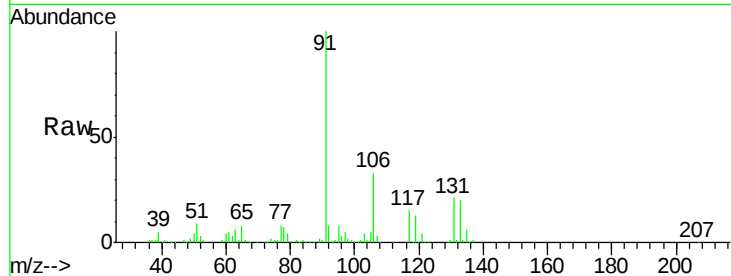




#67
Ethyl Benzene
Concen: 20.12 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

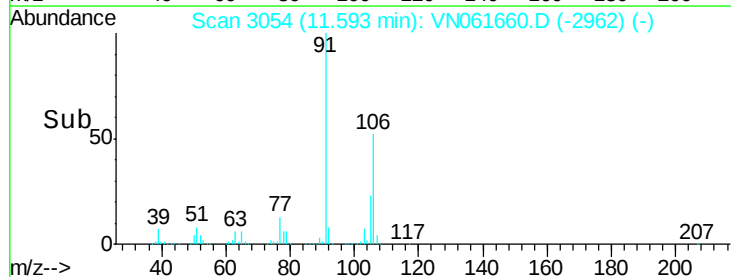
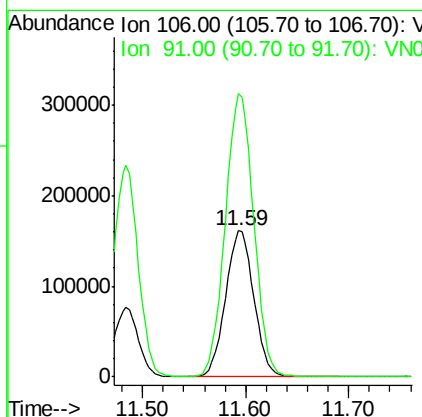
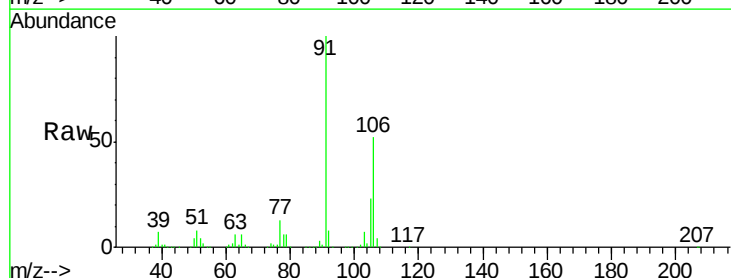
Instrument :
MSVOA_N
ClientSampleId :
VN0605WBS01

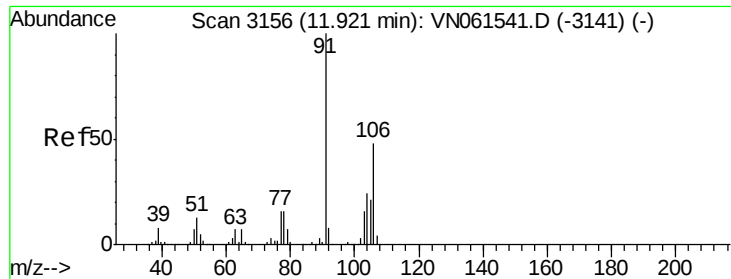
Tgt Ion: 91 Resp: 388166
Ion Ratio Lower Upper
91 100
106 32.7 25.6 38.4



#68
m/p-Xylenes
Concen: 40.18 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion: 106 Resp: 307328
Ion Ratio Lower Upper
106 100
91 195.3 156.2 234.4

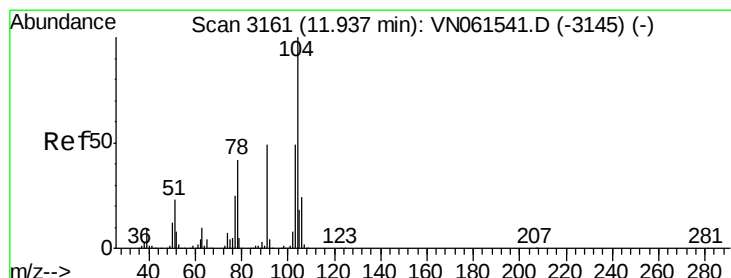
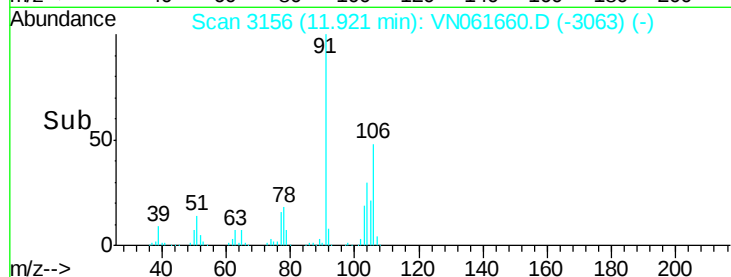
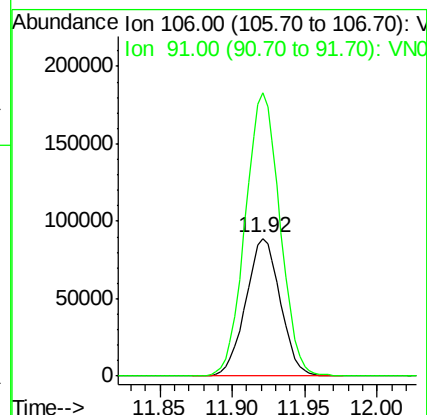
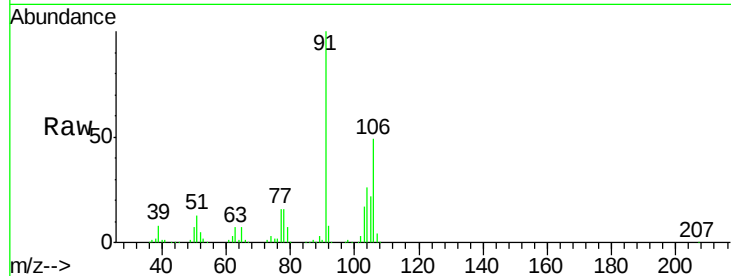




#69
o-Xylene
Concen: 20.26 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

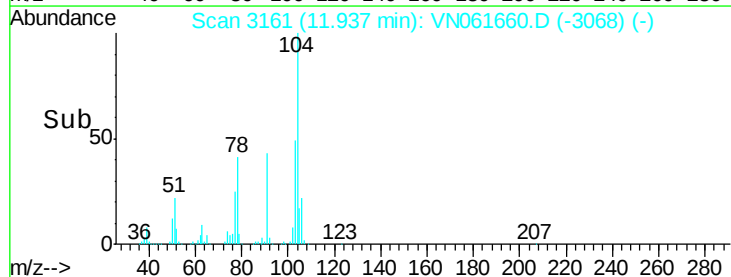
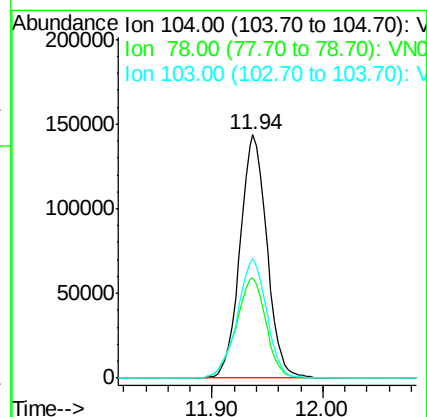
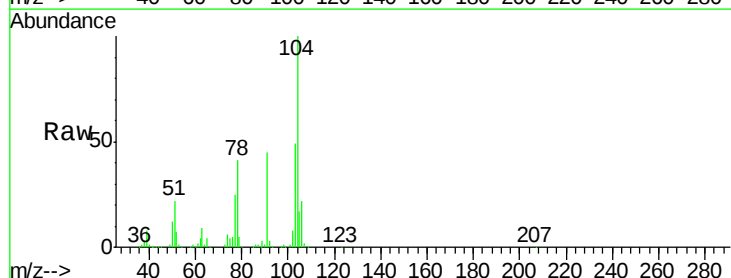
Instrument :
MSVOA_N
ClientSampled :
VN0605WBS01

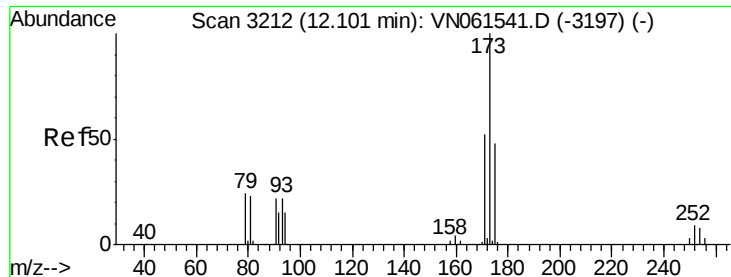
Tgt Ion:106 Resp: 147181
Ion Ratio Lower Upper
106 100
91 206.6 103.3 309.8



#70
Styrene
Concen: 20.18 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion:104 Resp: 242776
Ion Ratio Lower Upper
104 100
78 45.8 37.4 56.0
103 53.8 42.3 63.5





#71

Bromoform

Concen: 19.01 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN0605WBS01

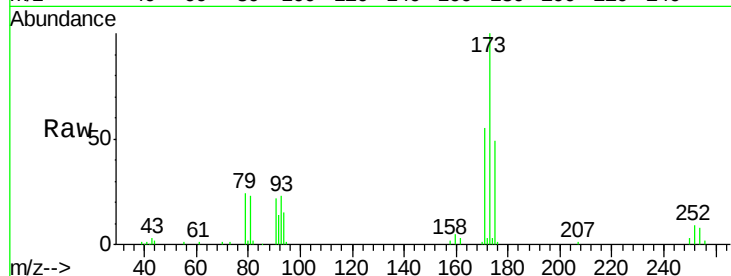
Tgt Ion:173 Resp: 60869

Ion Ratio Lower Upper

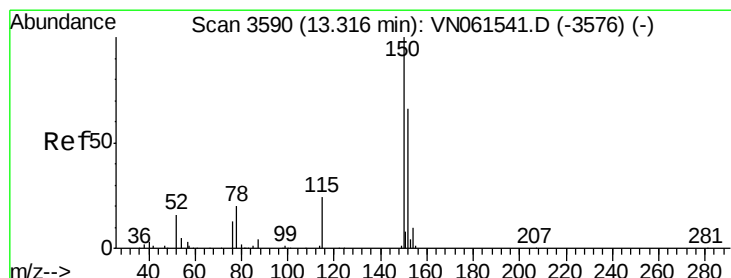
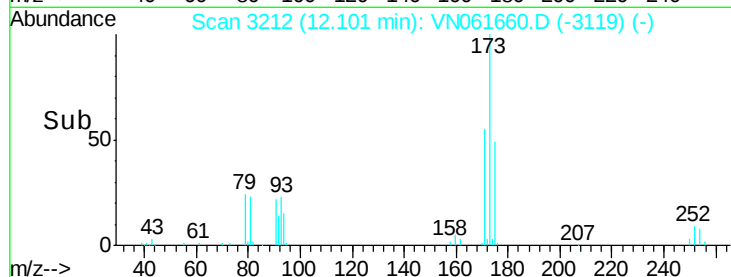
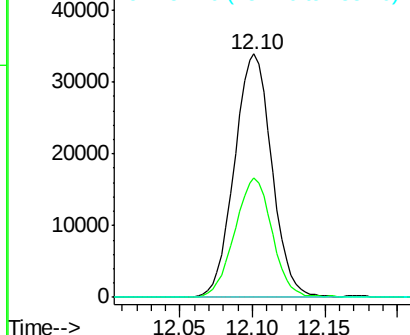
173 100

175 48.9 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: 50.00 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

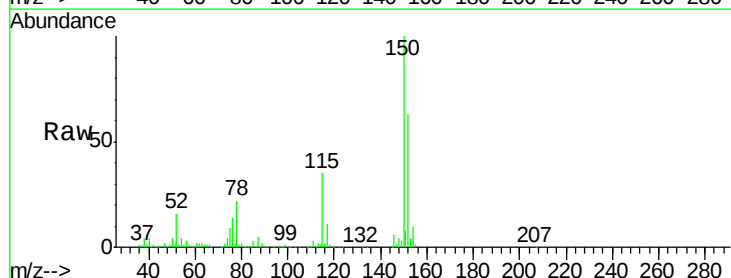
Tgt Ion:152 Resp: 269304

Ion Ratio Lower Upper

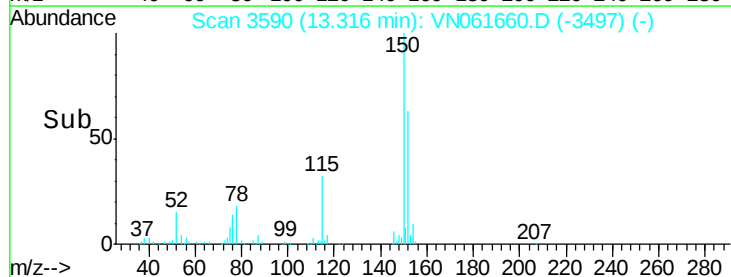
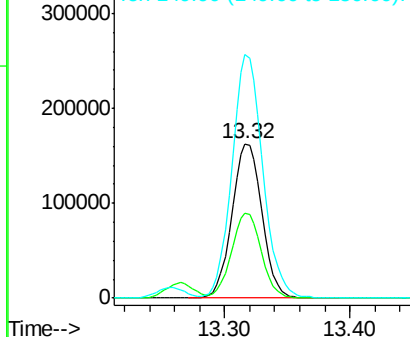
152 100

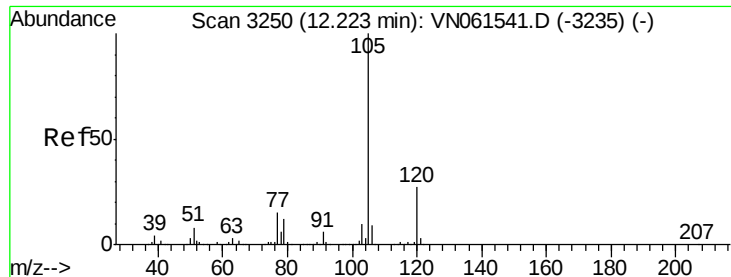
115 54.9 28.0 84.0

150 162.1 0.0 344.0



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





#73

Isopropylbenzene

Concen: 19.82 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampled :

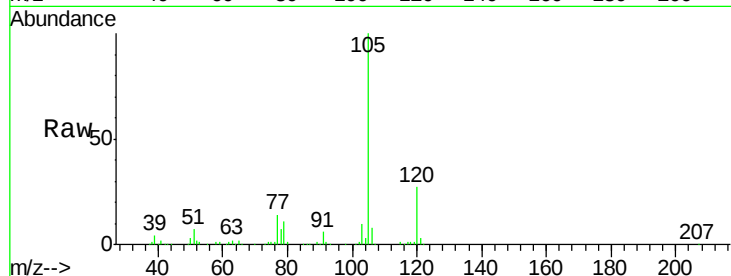
VN0605WBS01

Tgt Ion: 105 Resp: 389481

Ion Ratio Lower Upper

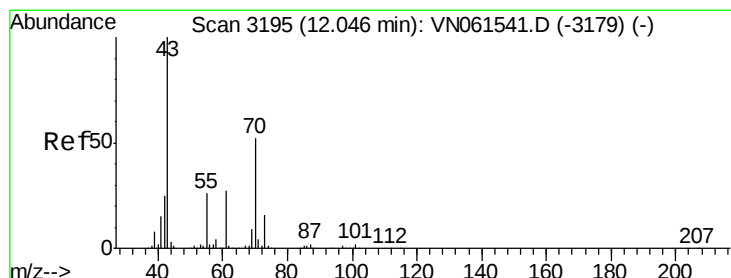
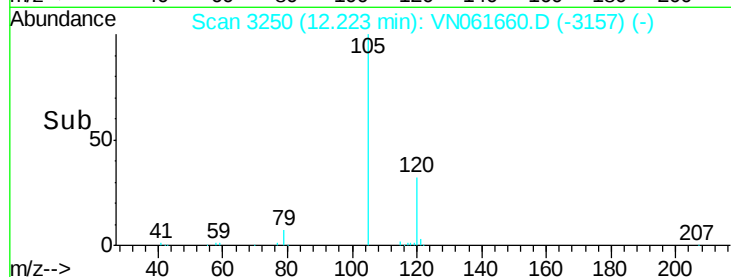
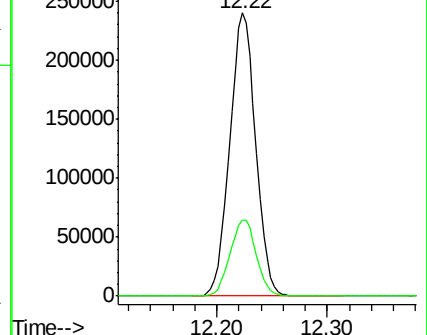
105 100

120 27.4 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: 17.21 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Tgt Ion: 43 Resp: 106520

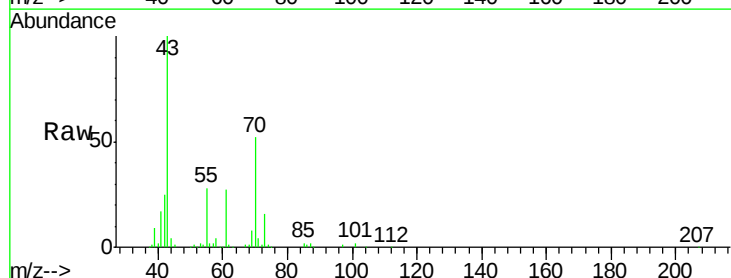
Ion Ratio Lower Upper

43 100

70 52.5 40.5 60.7

55 28.1 20.6 31.0

61 27.7 21.8 32.6

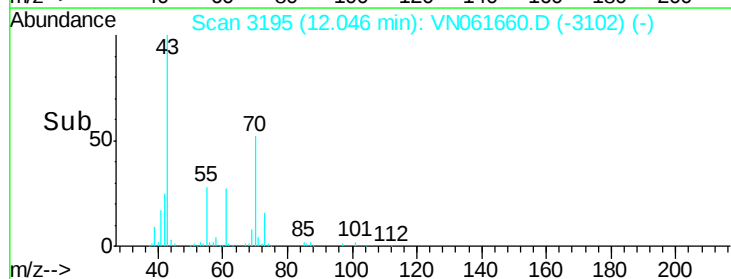
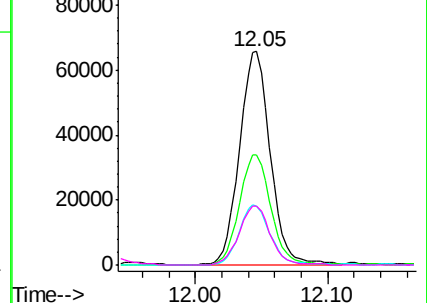


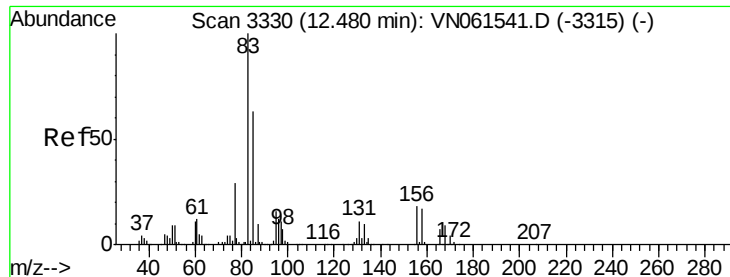
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.90 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN0605WBS01

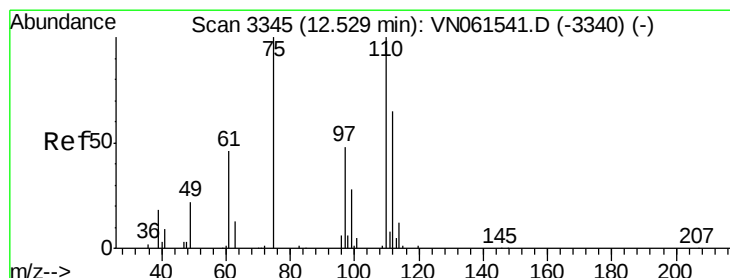
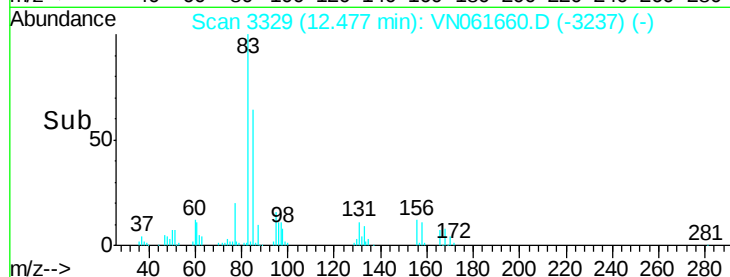
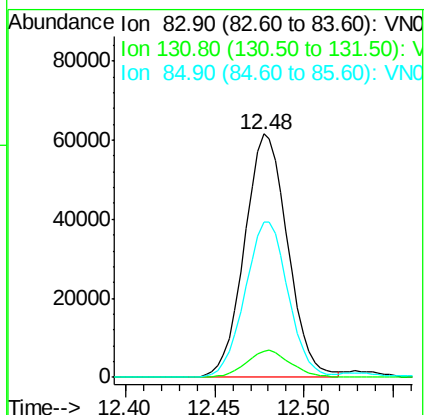
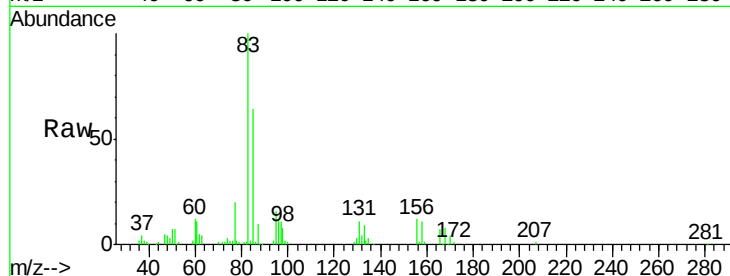
Tgt Ion: 83 Resp: 104096

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.5

85 63.7 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 26.93 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061660.D

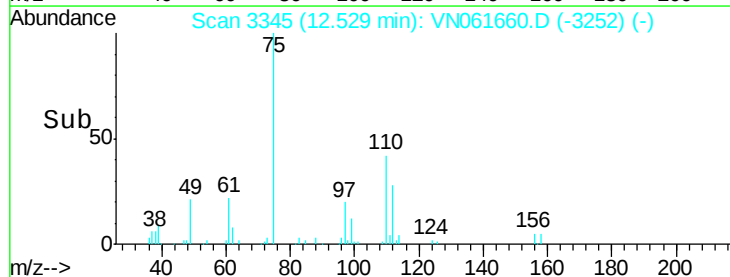
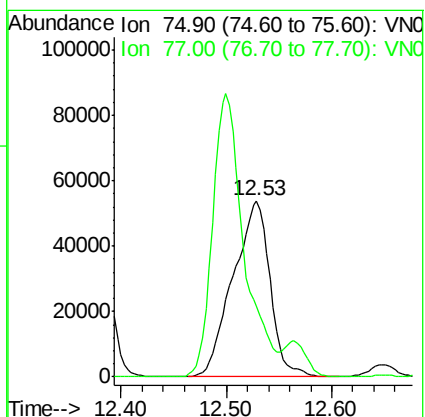
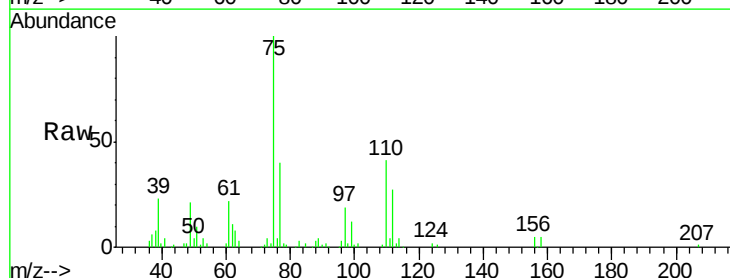
Acq: 5 Jun 2020 11:35

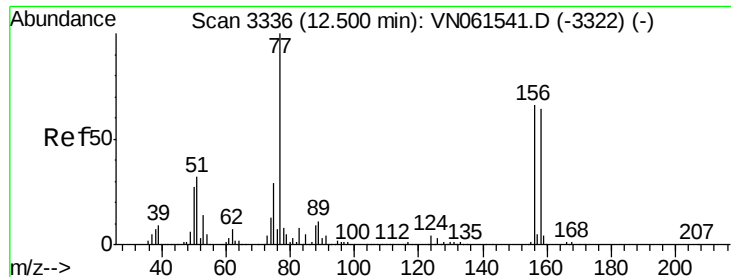
Tgt Ion: 75 Resp: 131875

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.89 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN0605WBS01

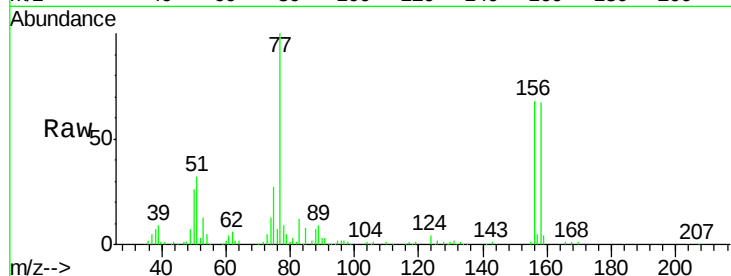
Tgt Ion:156 Resp: 99784

Ion Ratio Lower Upper

156 100

77 179.7 90.9 272.7

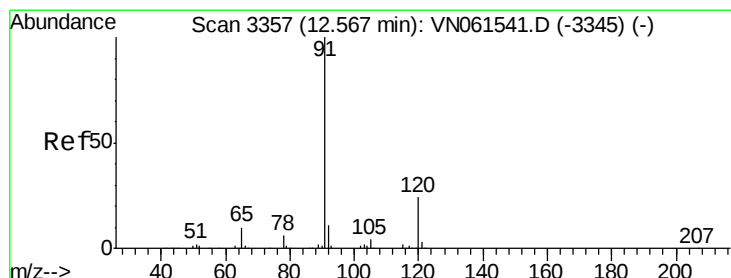
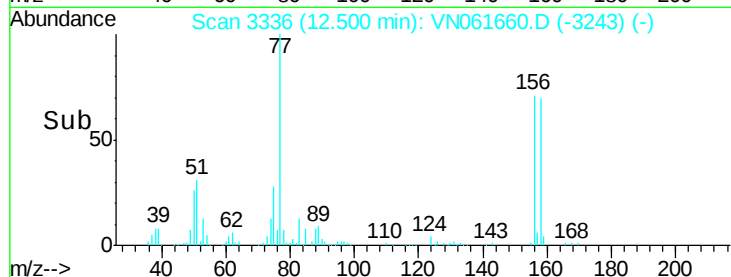
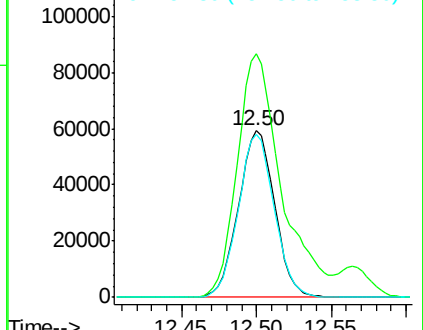
158 97.6 48.4 145.3



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: 19.59 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061660.D

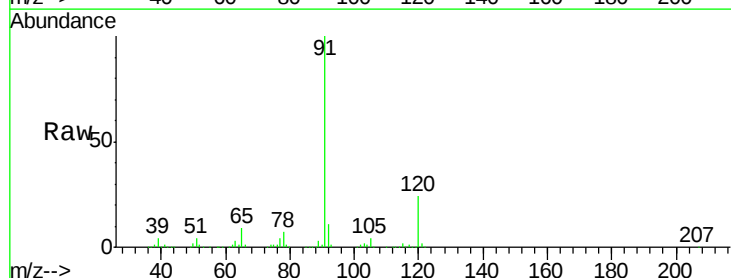
Acq: 5 Jun 2020 11:35

Tgt Ion: 91 Resp: 429875

Ion Ratio Lower Upper

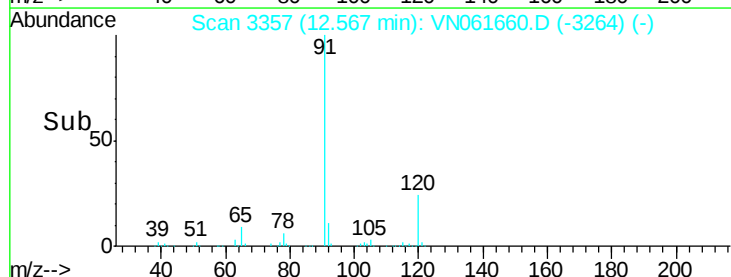
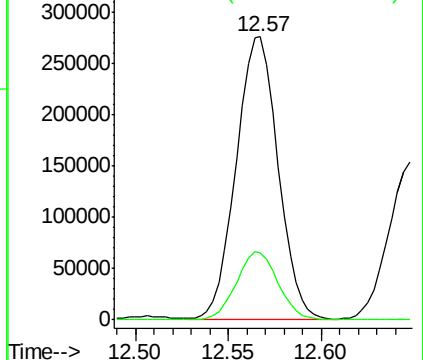
91 100

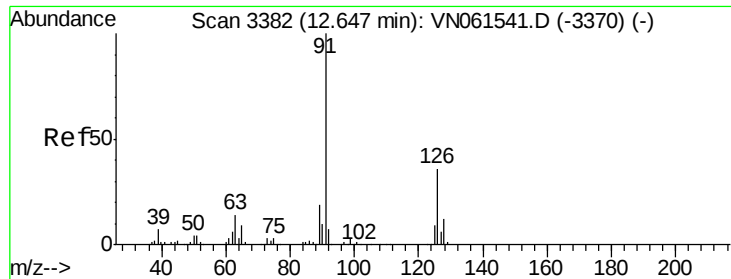
120 24.1 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.41 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

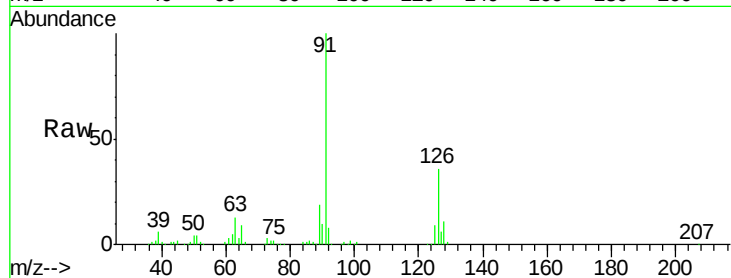
VN0605WBS01

Tgt Ion: 91 Resp: 253926

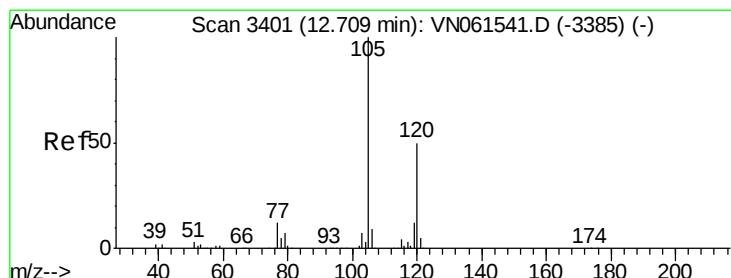
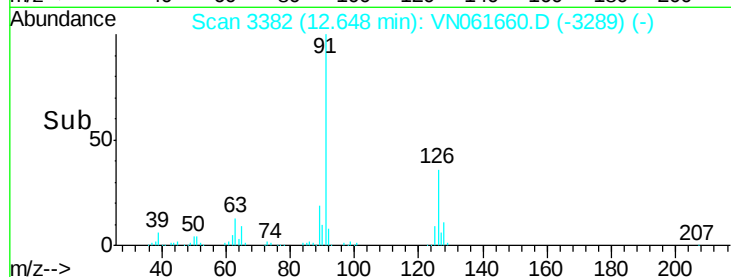
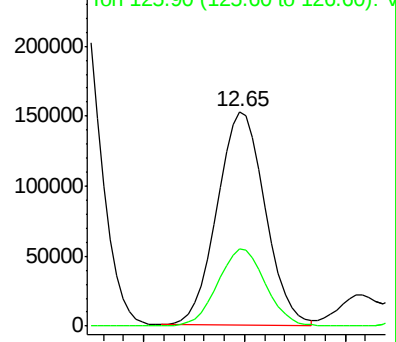
Ion Ratio Lower Upper

91 100

126 36.1 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.79 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061660.D

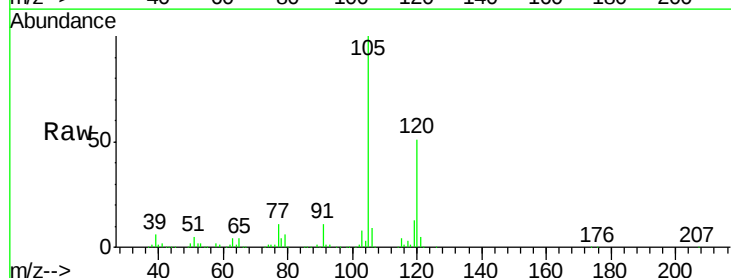
Acq: 5 Jun 2020 11:35

Tgt Ion: 105 Resp: 325087

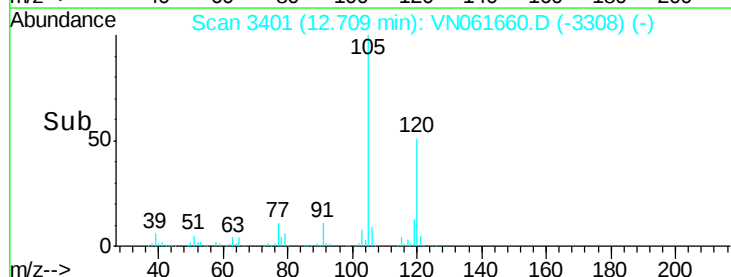
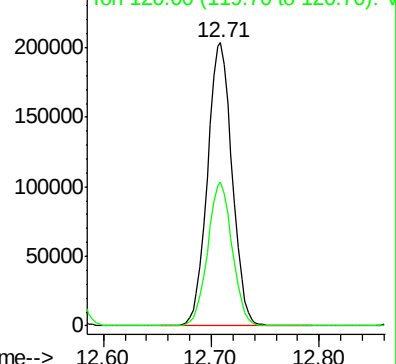
Ion Ratio Lower Upper

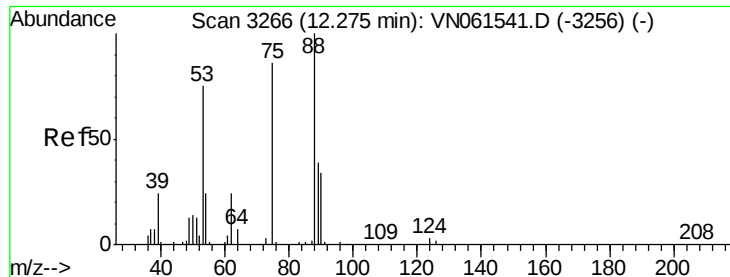
105 100

120 50.3 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN061541.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.93 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN0605WBS01

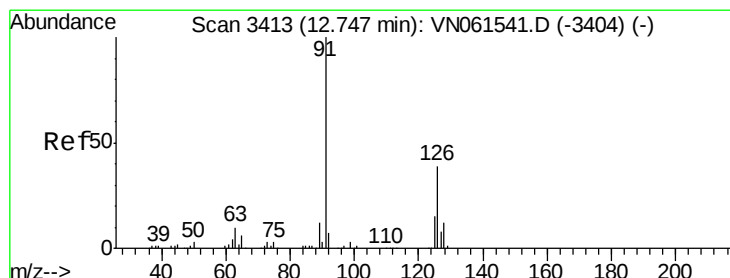
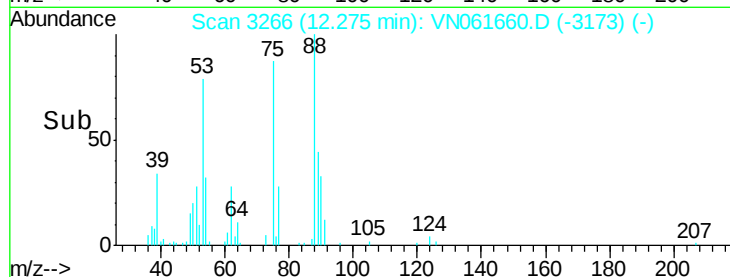
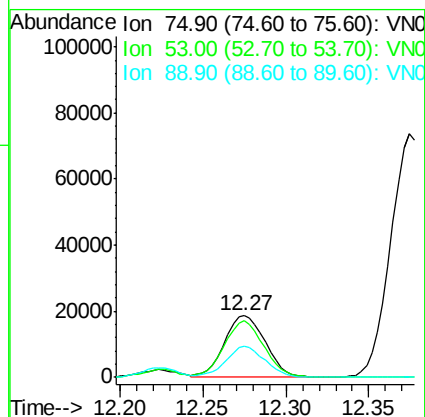
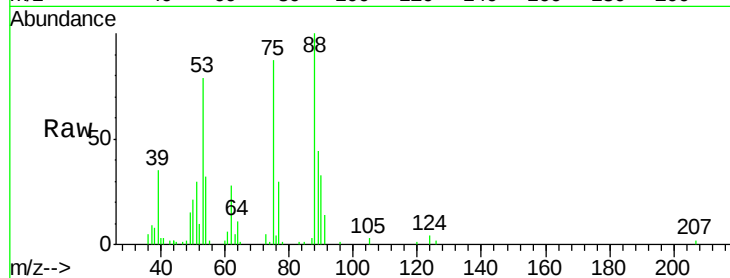
Tgt Ion: 75 Resp: 32412

Ion Ratio Lower Upper

75 100

53 88.9 67.8 101.8

89 47.1 37.1 55.7



#82

4-Chlorotoluene

Concen: 19.13 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061660.D

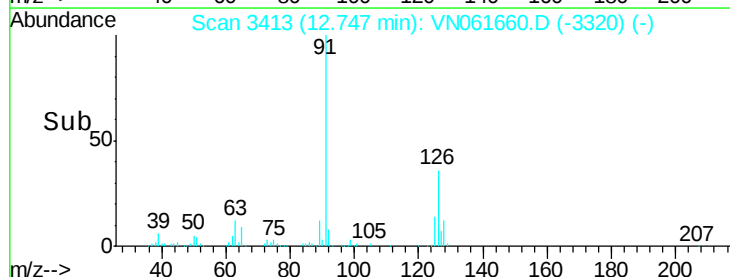
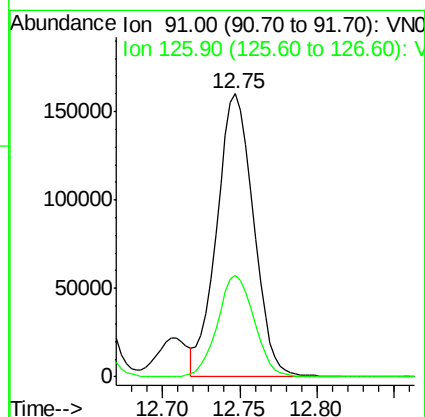
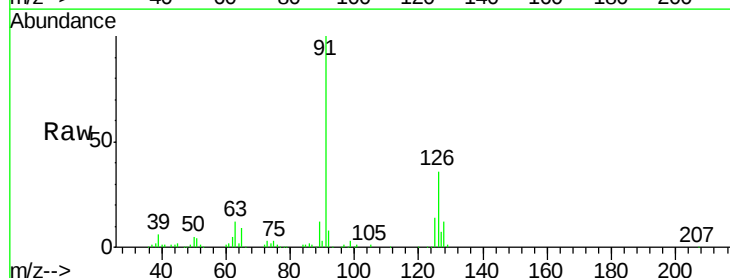
Acq: 5 Jun 2020 11:35

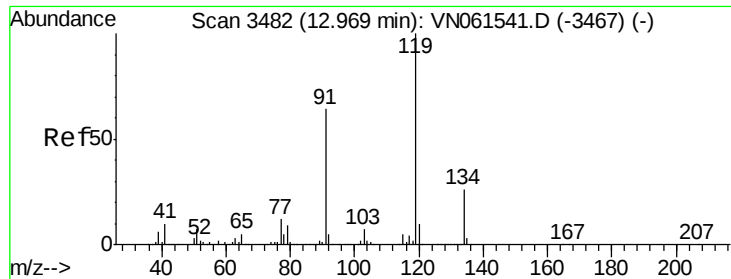
Tgt Ion: 91 Resp: 263350

Ion Ratio Lower Upper

91 100

126 36.1 17.5 52.6

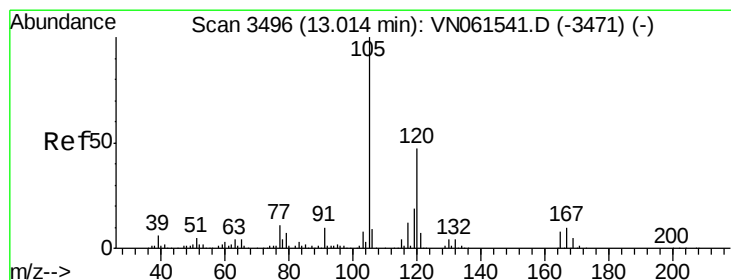
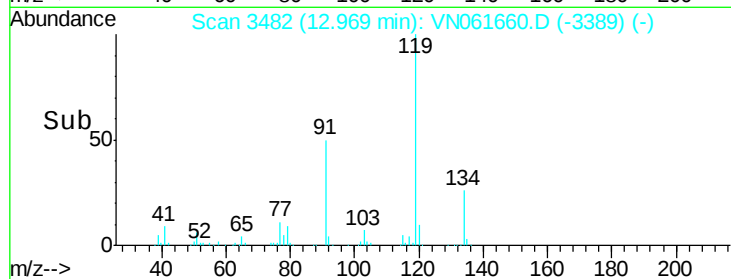
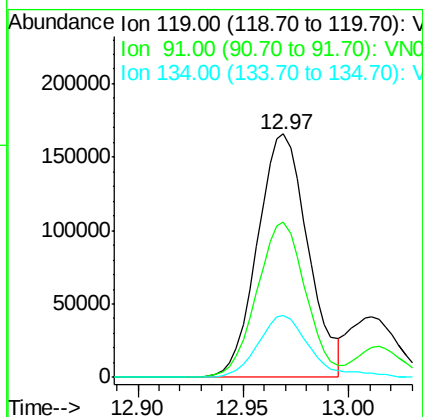
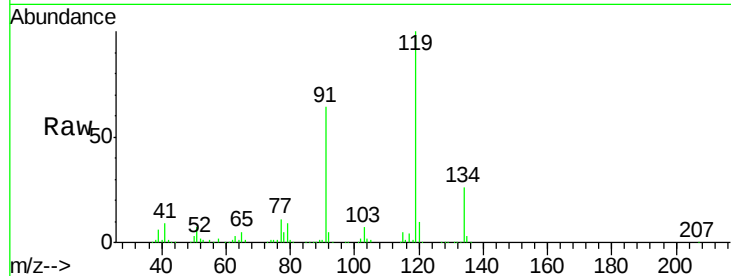




#83
 tert-Butylbenzene
 Concen: 19.06 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

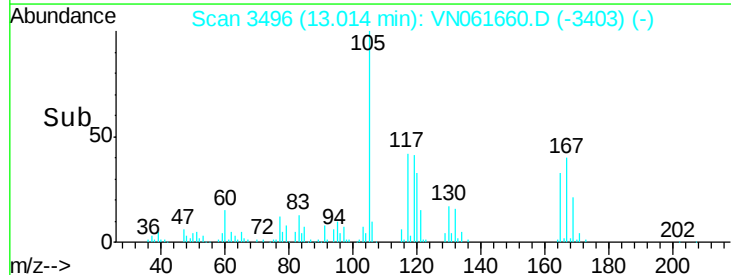
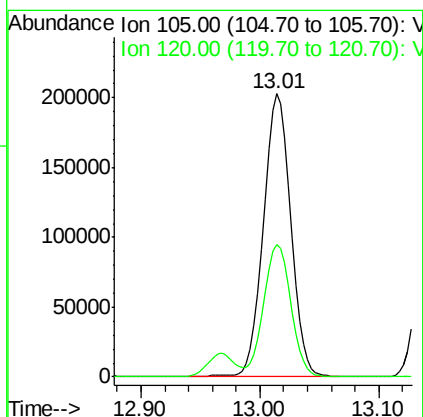
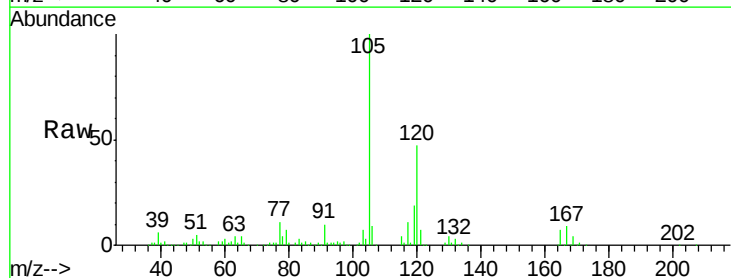
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBS01

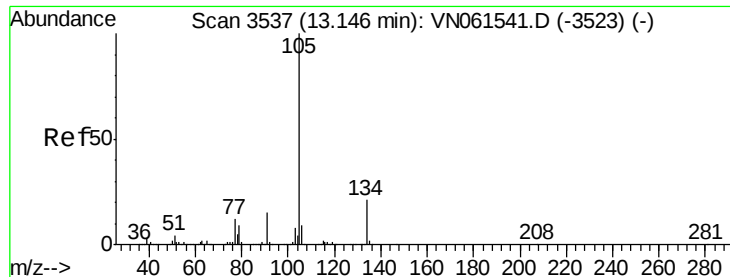
Tgt Ion:119 Resp: 276703
 Ion Ratio Lower Upper
 119 100
 91 61.7 31.3 93.8
 134 26.3 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.85 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Tgt Ion:105 Resp: 324019
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.2 69.5





#85

sec-Butylbenzene

Concen: 18.90 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

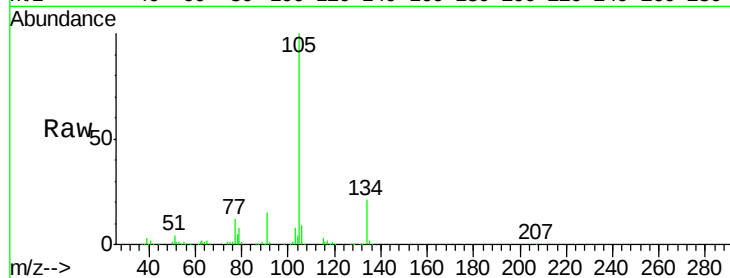
VN0605WBS01

Tgt Ion:105 Resp: 353440

Ion Ratio Lower Upper

105 100

134 20.7 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

200000

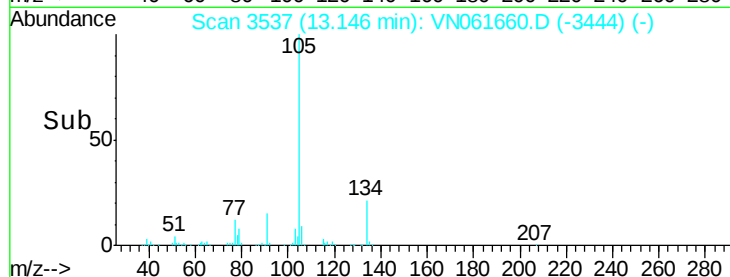
150000

100000

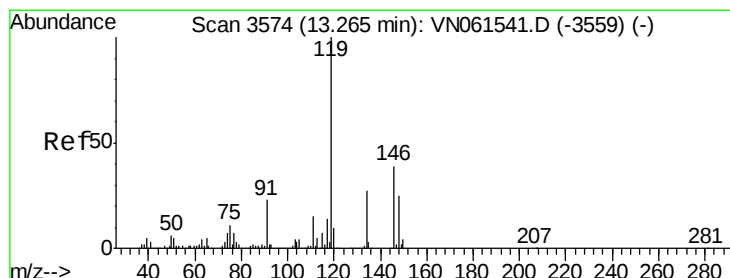
50000

0

Time-->



Time-->



#86

p-Isopropyltoluene

Concen: 19.02 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

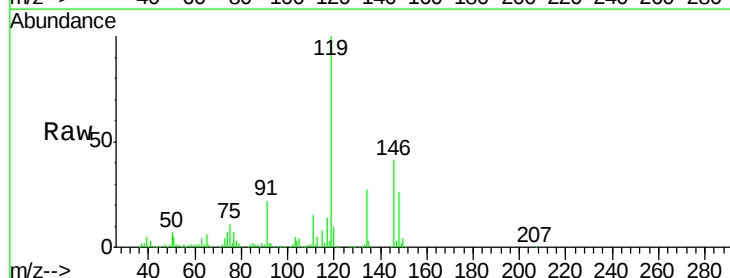
Tgt Ion:119 Resp: 327695

Ion Ratio Lower Upper

119 100

134 27.4 13.5 40.5

91 22.5 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

200000

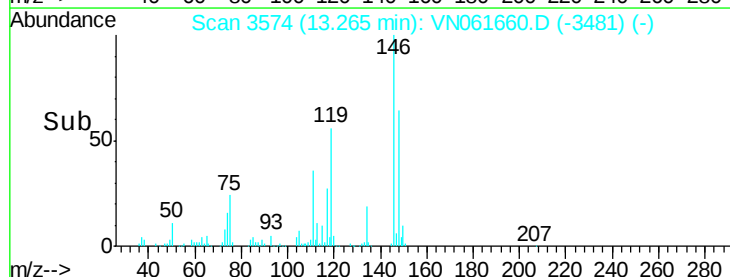
150000

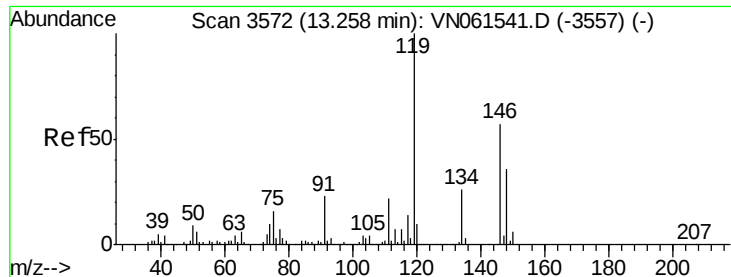
100000

50000

0

Time-->

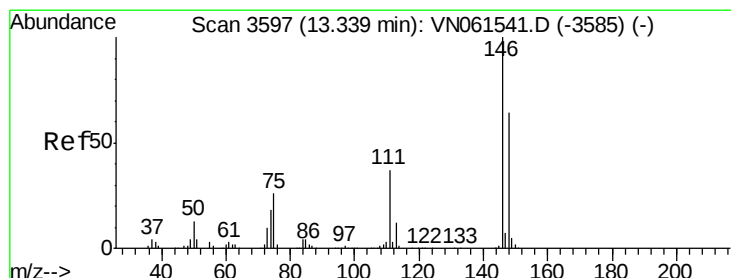
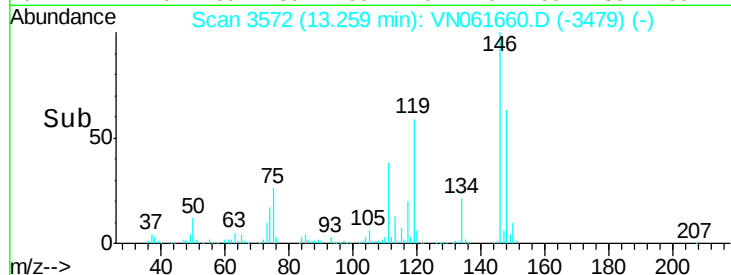
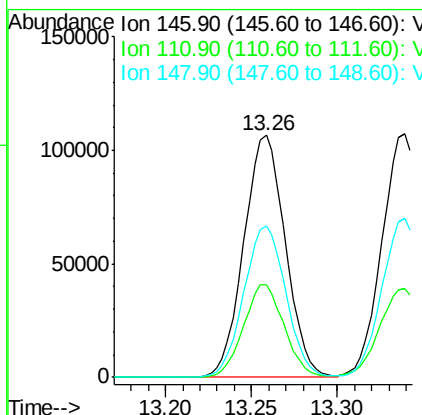
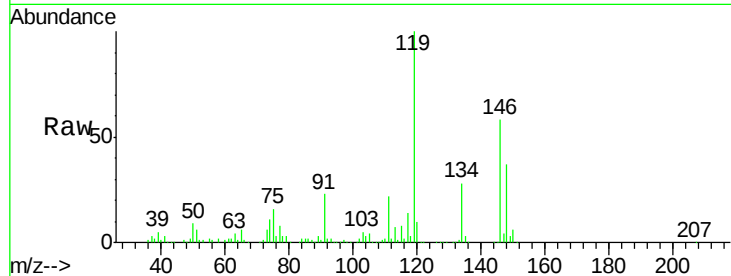




#87
 1,3-Dichlorobenzene
 Concen: 20.14 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

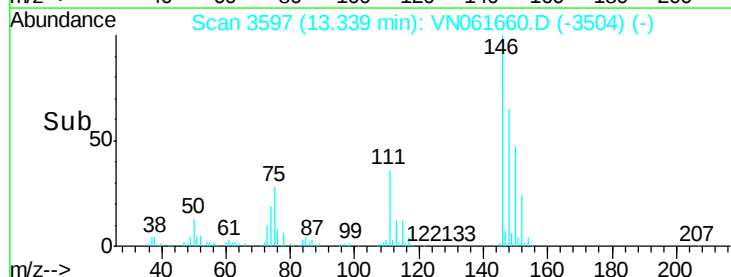
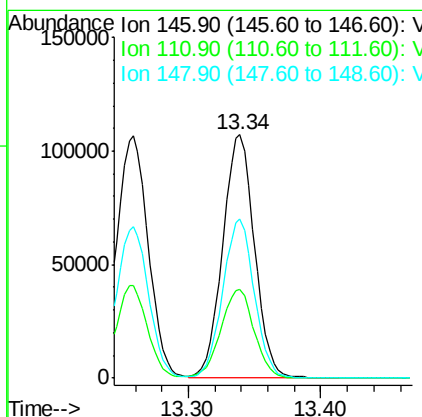
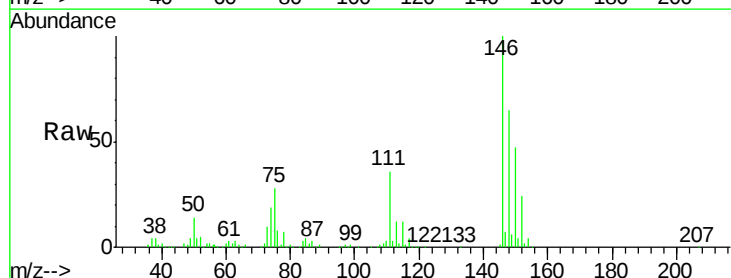
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBS01

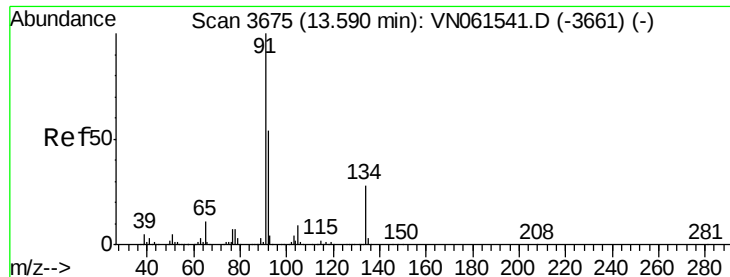
Tgt Ion:146 Resp: 178941
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.2 57.6
 148 63.2 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 19.59 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061660.D
 Acq: 5 Jun 2020 11:35

Tgt Ion:146 Resp: 177288
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.9
 148 65.3 31.8 95.3





#89

n-Butylbenzene

Concen: 18.23 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN0605WBS01

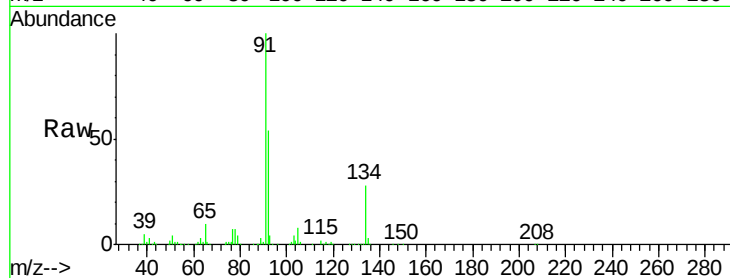
Tgt Ion: 91 Resp: 263051

Ion Ratio Lower Upper

91 100

92 53.4 27.2 81.6

134 28.2 14.0 42.0

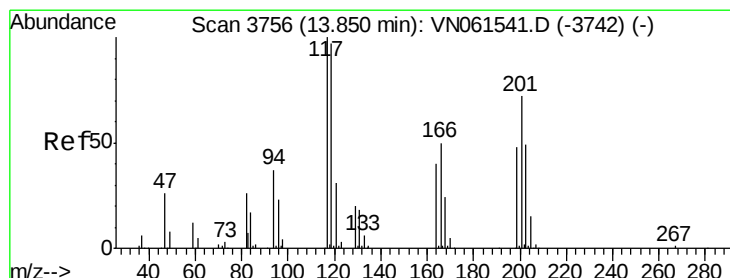
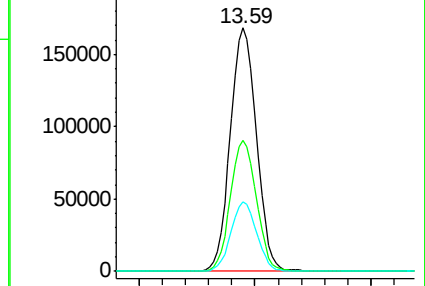
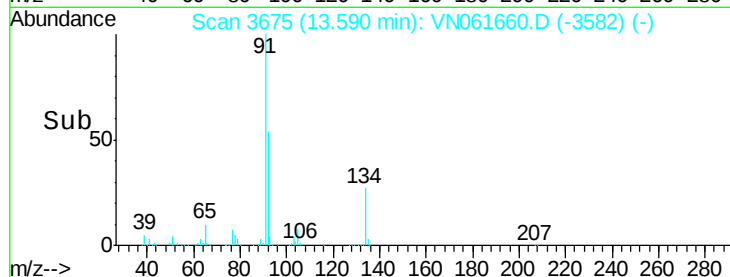


Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3661) (-)

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

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

Time-->



#90

Hexachloroethane

Concen: 22.18 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN061660.D

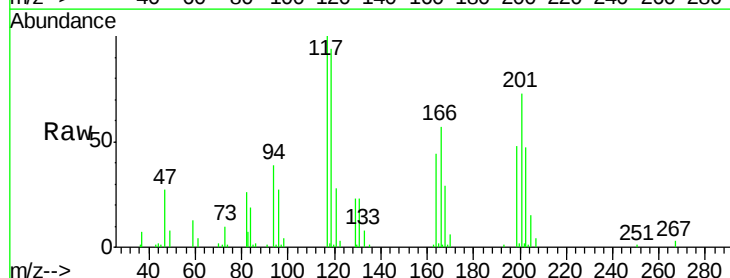
Acq: 5 Jun 2020 11:35

Tgt Ion: 117 Resp: 42247

Ion Ratio Lower Upper

117 100

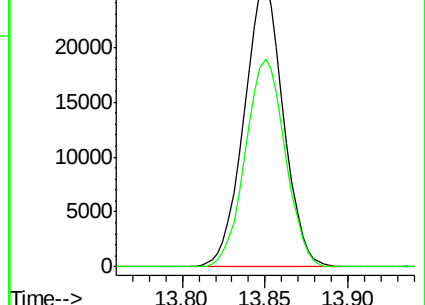
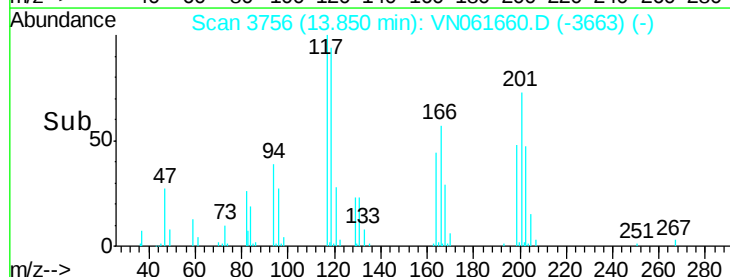
201 74.5 36.7 110.1

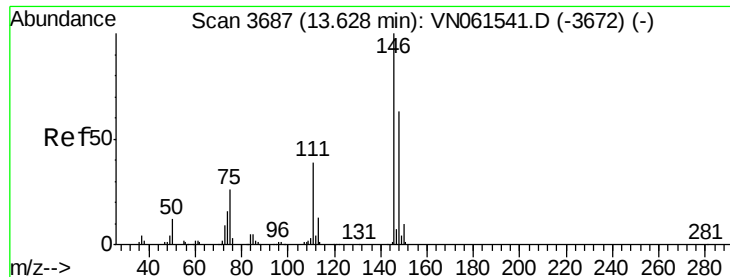


Abundance Ion 116.80 (116.50 to 117.50): VN061541.D (-3742) (-)

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

Time-->





#91

1,2-Dichlorobenzene

Concen: 20.43 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampled :

VN0605WBS01

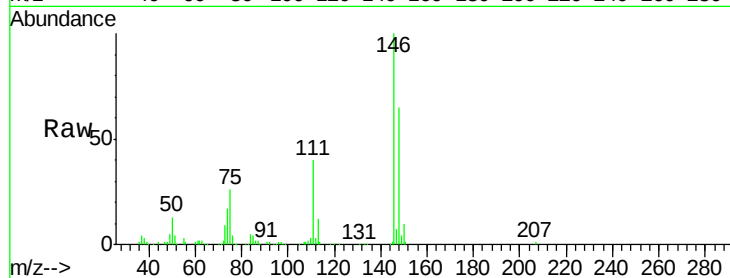
Tgt Ion:146 Resp: 173460

Ion Ratio Lower Upper

146 100

111 38.7 20.1 60.2

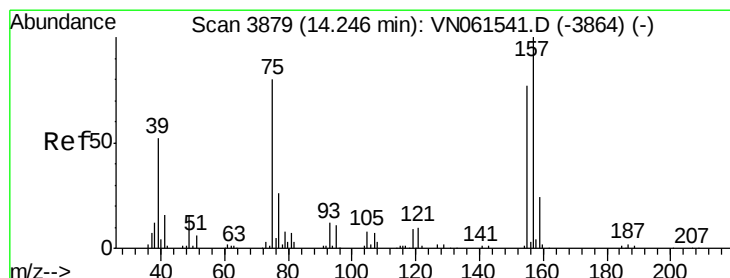
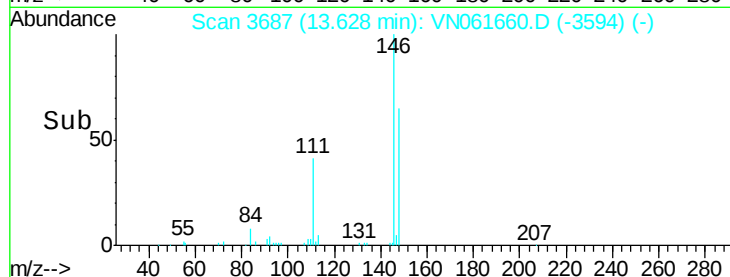
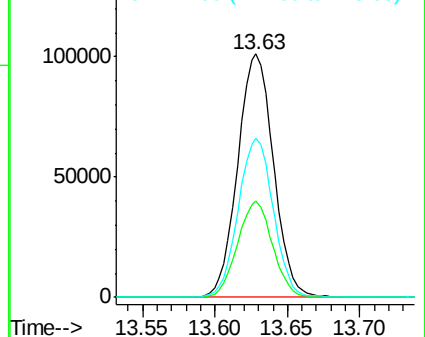
148 64.3 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.42 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

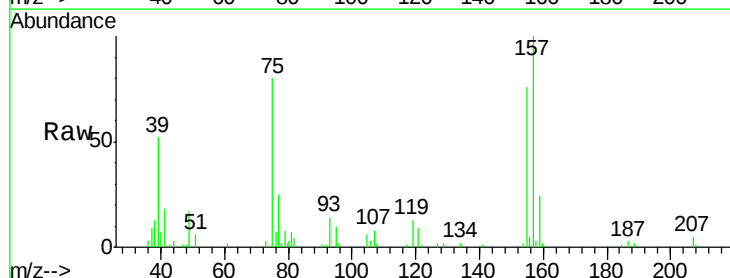
Tgt Ion: 75 Resp: 18445

Ion Ratio Lower Upper

75 100

155 96.2 47.1 141.4

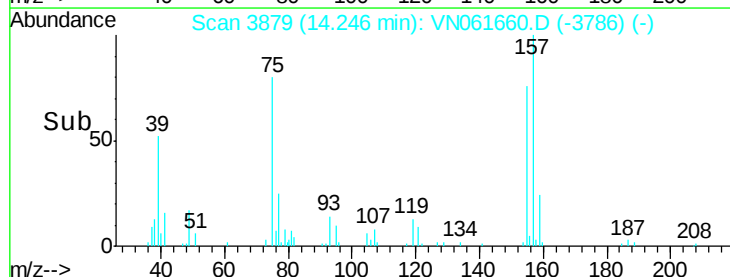
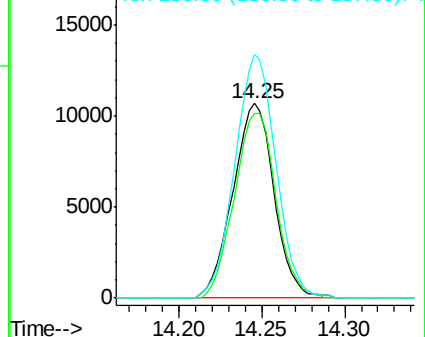
157 125.2 60.3 180.8

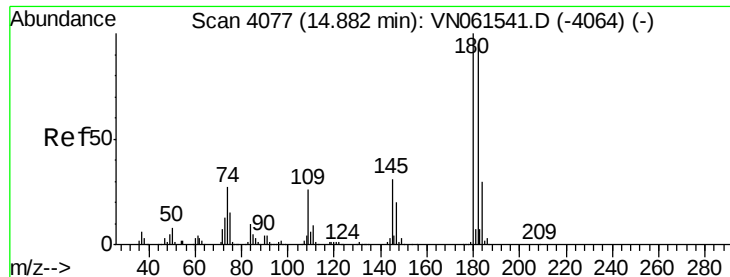


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 18.88 ug/l

RT: 14.88 min Scan# 4077

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

Instrument :

MSVOA_N

ClientSampled :

VN0605WBS01

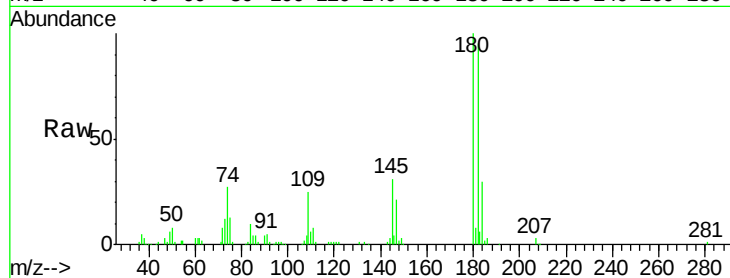
Tgt Ion:180 Resp: 93738

Ion Ratio Lower Upper

180 100

182 94.5 47.8 143.3

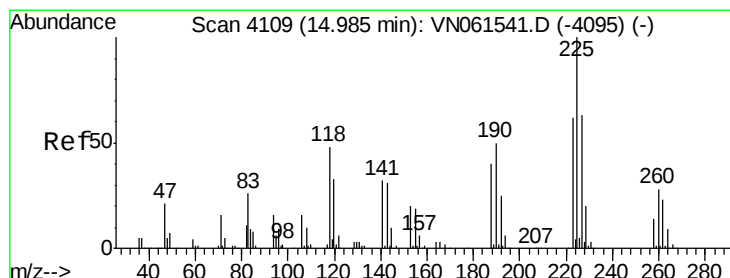
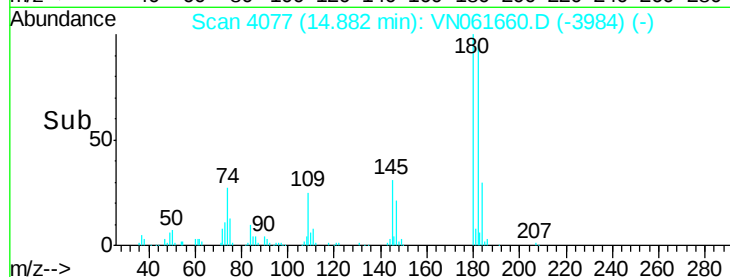
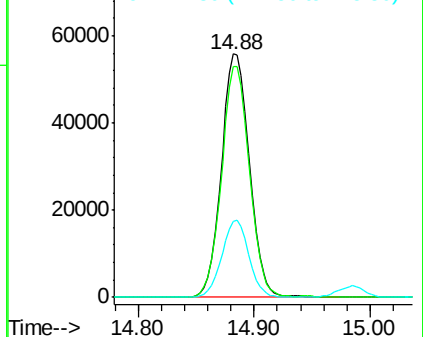
145 30.3 15.5 46.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.60 ug/l

RT: 14.99 min Scan# 4109

Delta R.T. 0.00 min

Lab File: VN061660.D

Acq: 5 Jun 2020 11:35

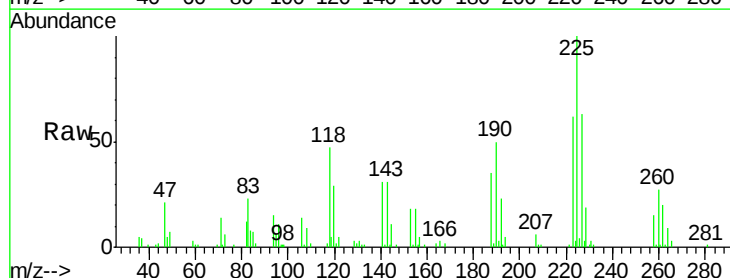
Tgt Ion:225 Resp: 41504

Ion Ratio Lower Upper

225 100

223 61.3 31.9 95.5

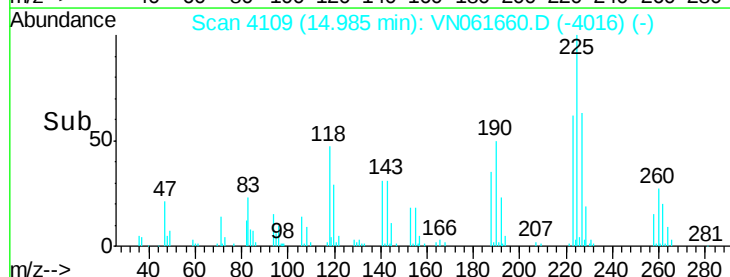
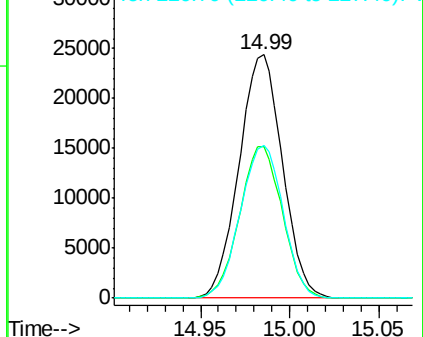
227 62.0 31.9 95.9

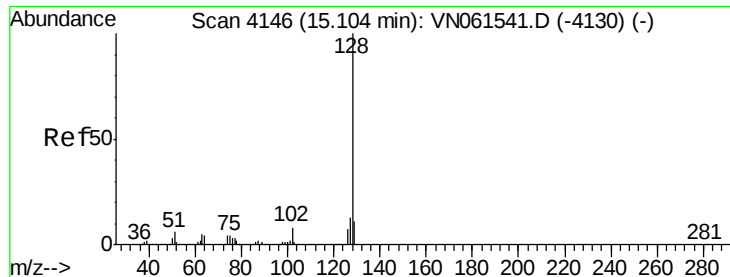


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

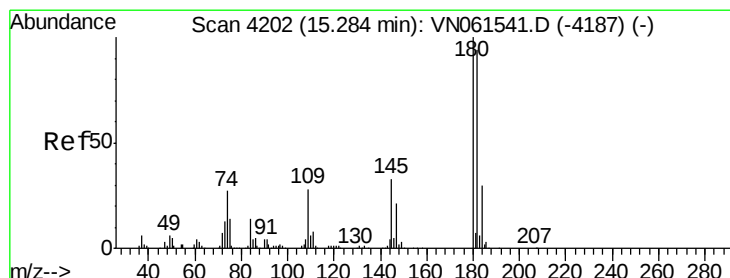
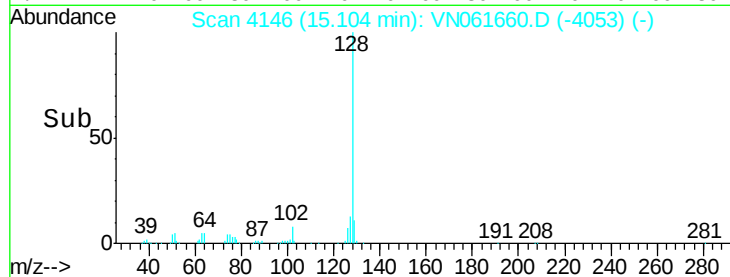
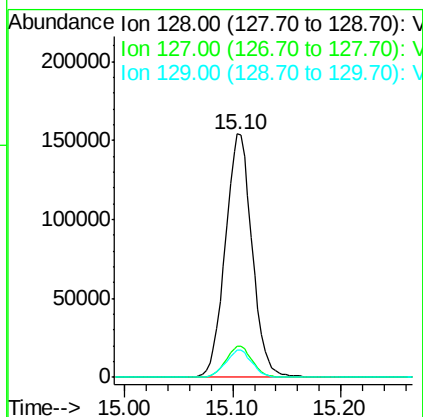
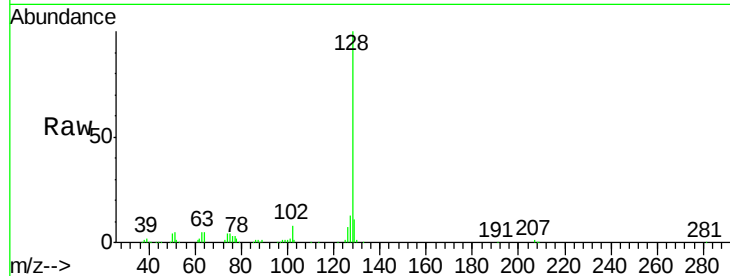




#95
Naphthalene
Concen: 17.65 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBS01

Tgt Ion:128 Resp: 266702
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 11.0 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 18.96 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN061660.D
Acq: 5 Jun 2020 11:35

Tgt Ion:180 Resp: 92543
Ion Ratio Lower Upper
180 100
182 96.5 47.1 141.3
145 33.1 16.3 48.9

