

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033120\
 Data File : VN060780.D
 Acq On : 31 Mar 2020 13:04
 Operator : JC/MD
 Sample : VN0331WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBSD01

Quant Time: Apr 01 08:48:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	194509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	316094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	286425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	133745	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	127725	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
35) Dibromofluoromethane	7.56	113	95238	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	
50) Toluene-d8	10.08	98	372481	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	
62) 4-Bromofluorobenzene	12.40	95	135766	47.45	ug/l	0.00
Spiked Amount			Recovery	=	94.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	33467	17.782	ug/l	99
3) Chloromethane	2.04	50	58454	16.630	ug/l	100
4) Vinyl Chloride	2.17	62	45809	16.662	ug/l	98
5) Bromomethane	2.55	94	24393	20.553	ug/l	96
6) Chloroethane	2.69	64	29202	18.439	ug/l	100
7) Trichlorofluoromethane	3.00	101	61583	18.183	ug/l	99
8) Diethyl Ether	3.38	74	26879	19.756	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	38203	19.467	ug/l	99
10) Methyl Iodide	3.93	142	33557	19.217	ug/l	99
11) Tert butyl alcohol	4.72	59	40572	103.316	ug/l	99
12) 1,1-Dichloroethene	3.72	96	37759	17.930	ug/l	99
13) Acrolein	3.57	56	37732	86.695	ug/l	100
14) Allyl chloride	4.29	41	70048	18.912	ug/l	97
15) Acrylonitrile	4.94	53	115509	100.028	ug/l	99
16) Acetone	3.78	43	96888	102.437	ug/l	99
17) Carbon Disulfide	4.03	76	111216	17.365	ug/l	100
18) Methyl Acetate	4.28	43	54710	20.550	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	139631	19.285	ug/l	98
20) Methylene Chloride	4.52	84	44469	19.113	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	41373	18.433	ug/l	99
22) Diisopropyl ether	5.91	45	157170	20.085	ug/l	100
23) Vinyl Acetate	5.85	43	650172	101.834	ug/l	100
24) 1,1-Dichloroethane	5.81	63	81633	19.136	ug/l	99
25) 2-Butanone	6.80	43	152391	99.569	ug/l	99
26) 2,2-Dichloropropane	6.79	77	69158	20.605	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	48087	18.854	ug/l	96
28) Bromochloromethane	7.17	49	39461	19.334	ug/l	99
29) Tetrahydrofuran	7.17	42	106482	98.331	ug/l	98
30) Chloroform	7.34	83	78259	19.137	ug/l	99
31) Cyclohexane	7.63	56	78348	18.218	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	66175	18.771	ug/l	99
36) 1,1-Dichloropropene	7.77	75	59979	19.596	ug/l	99
37) Ethyl Acetate	6.89	43	67451	20.395	ug/l	100
38) Carbon Tetrachloride	7.75	117	52482	19.131	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	72192	19.847	ug/l	98
40) Benzene	8.02	78	182760	19.780	ug/l	99
41) Methacrylonitrile	7.14	41	28607m	20.268	ug/l	
42) 1,2-Dichloroethane	8.10	62	64245	20.346	ug/l	100
43) Isopropyl Acetate	8.14	43	110322	20.227	ug/l	99
44) Trichloroethene	8.81	130	45918	19.714	ug/l	100
45) 1,2-Dichloropropane	9.10	63	50058	20.532	ug/l	99
46) Dibromomethane	9.19	93	29857	20.256	ug/l	99
47) Bromodichloromethane	9.38	83	61327	20.023	ug/l	99
48) Methyl methacrylate	9.18	41	46771	19.260	ug/l	99
49) 1,4-Dioxane	9.18	88	13814	478.585	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	319957	103.088	ug/l	99
52) Toluene	10.14	92	110270	19.761	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	72274	20.542	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	78972	20.461	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	43027	20.043	ug/l	99
56) Ethyl methacrylate	10.42	69	66172	19.769	ug/l	99
57) 1,3-Dichloropropane	10.70	76	76153	20.442	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	155613	93.537	ug/l	99
59) 2-Hexanone	10.74	43	228976	102.415	ug/l	100
60) Dibromochloromethane	10.89	129	44122	19.897	ug/l	100
61) 1,2-Dibromoethane	10.99	107	42912	19.879	ug/l	100
64) Tetrachloroethene	10.62	164	43016	19.085	ug/l	100
65) Chlorobenzene	11.42	112	111669	19.667	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	41964	20.412	ug/l	97
67) Ethyl Benzene	11.50	91	209308	19.822	ug/l	100
68) m/p-Xylenes	11.61	106	152597	38.889	ug/l	98
69) o-Xylene	11.94	106	73478	19.616	ug/l	99
70) Styrene	11.96	104	116875	19.078	ug/l	99
71) Bromoform	12.12	173	30745	19.069	ug/l #	100
73) Isopropylbenzene	12.24	105	199784	19.905	ug/l	99
74) N-amyl acetate	12.06	43	91228	19.670	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	60713	20.002	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	56748m	19.664	ug/l	
77) Bromobenzene	12.52	156	47460	19.623	ug/l	100
78) n-propylbenzene	12.59	91	232343	19.594	ug/l	99
79) 2-Chlorotoluene	12.67	91	137024	19.339	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	166525	19.551	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	22181	19.740	ug/l	100
82) 4-Chlorotoluene	12.77	91	141246	19.573	ug/l	100
83) tert-Butylbenzene	12.99	119	141271	20.008	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	167788	19.912	ug/l	100
85) sec-Butylbenzene	13.17	105	193335	20.362	ug/l	99
86) p-Isopropyltoluene	13.28	119	171628	20.102	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	83533	19.583	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	83890	19.575	ug/l	98
89) n-Butylbenzene	13.61	91	155098	20.120	ug/l	100
90) Hexachloroethane	13.87	117	25846	20.826	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	82416	20.206	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12597	19.652	ug/l	95

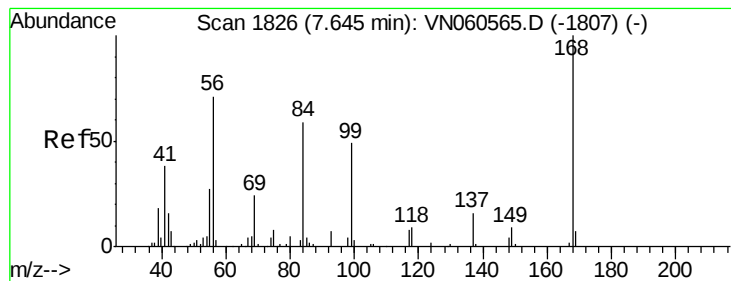
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033120\
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QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	49266	19.669	ug/l	99
94) Hexachlorobutadiene	15.01	225	25837	21.042	ug/l	99
95) Naphthalene	15.13	128	144193	19.139	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	47678	19.325	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

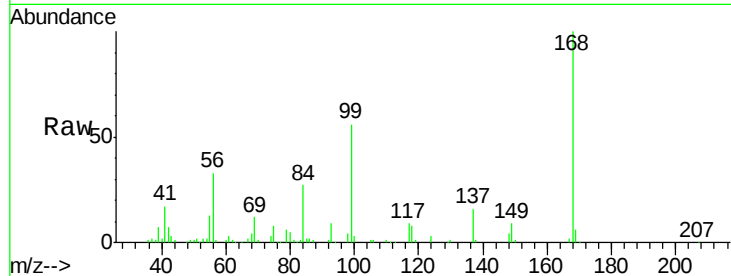
VN0331WBSD01

Tot Ion:168 Resp: 194509

Ion Ratio Lower Upper

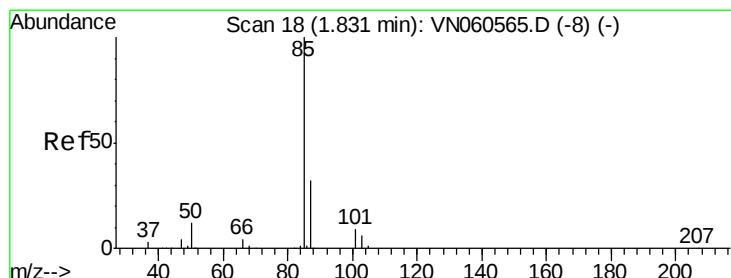
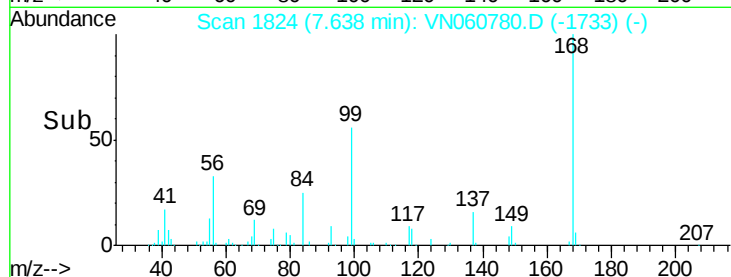
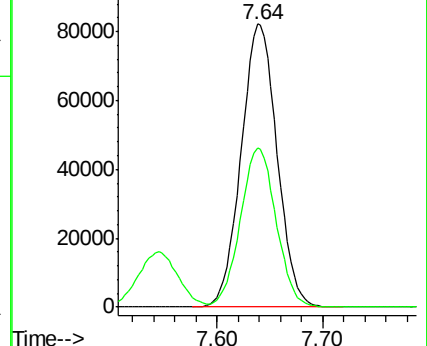
168 100

99 56.4 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 17.782 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060780.D

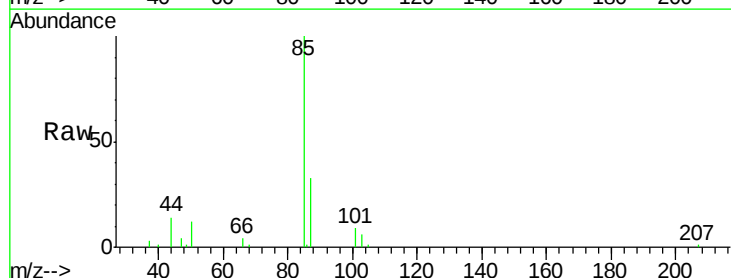
Acq: 31 Mar 2020 13:04

Tgt Ion: 85 Resp: 33467

Ion Ratio Lower Upper

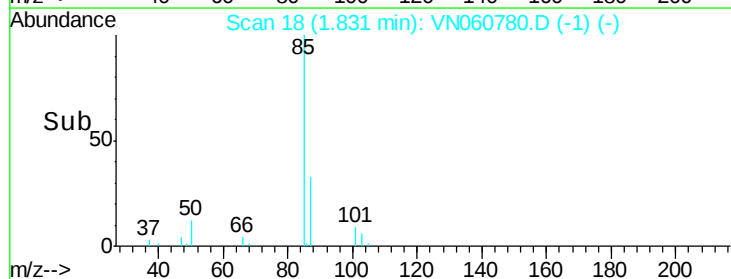
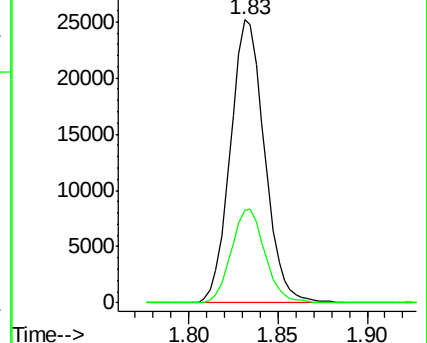
85 100

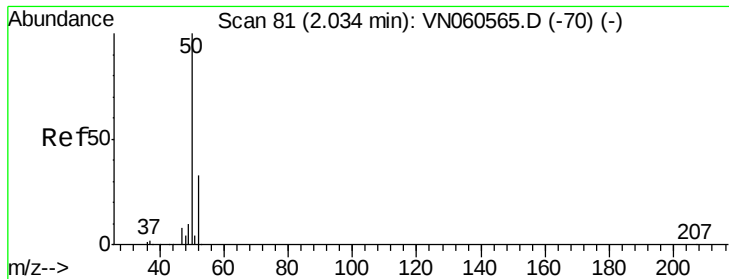
87 32.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 16.630 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

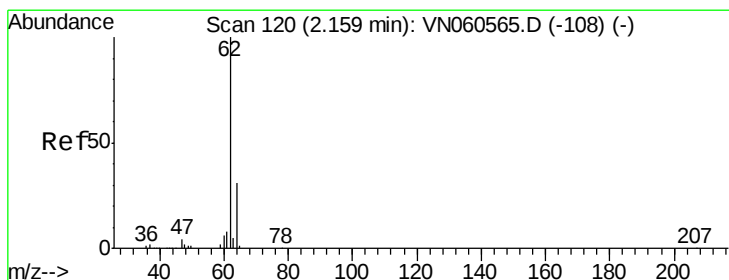
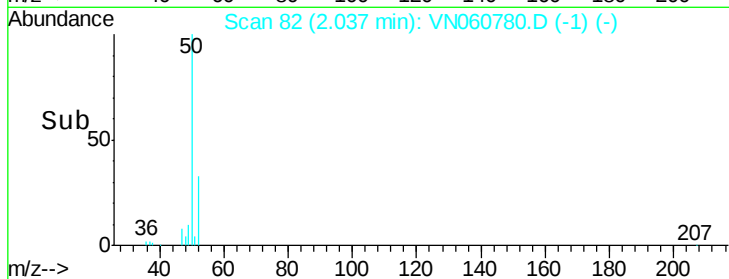
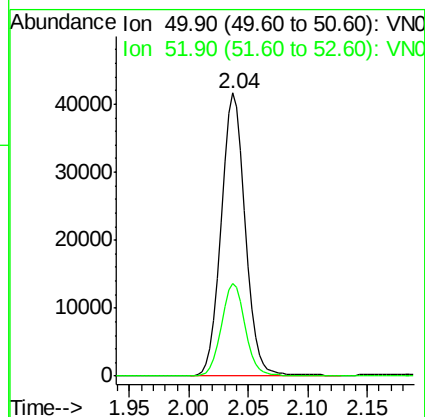
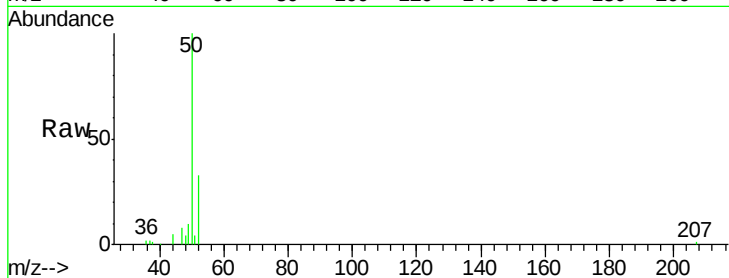
VN0331WBSD01

Tot Ion: 50 Resp: 58454

Ion Ratio Lower Upper

50 100

52 32.9 26.2 39.2



#4

Vinyl Chloride

Concen: 16.662 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN060780.D

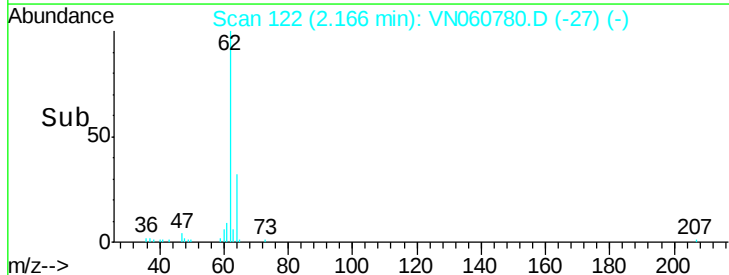
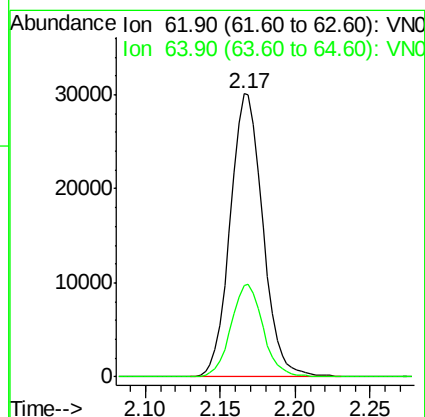
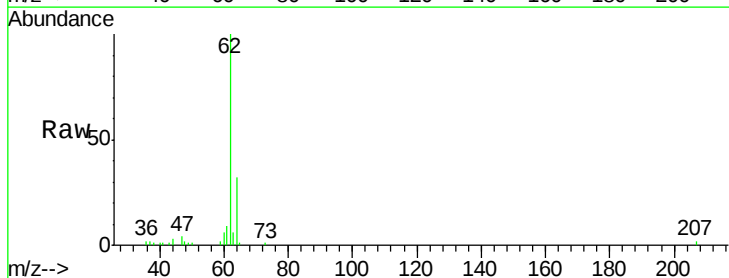
Acq: 31 Mar 2020 13:04

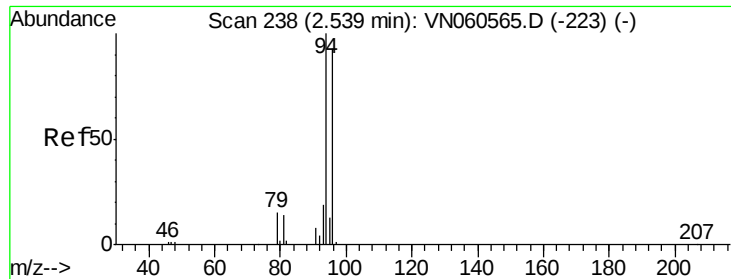
Tgt Ion: 62 Resp: 45809

Ion Ratio Lower Upper

62 100

64 32.1 24.7 37.1





#5

Bromomethane

Concen: 20.553 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_N

ClientSampled :

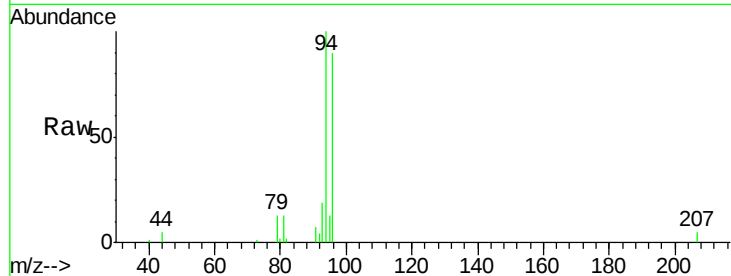
VN0331WBSD01

Tot Ion: 94 Resp: 24393

Ion Ratio Lower Upper

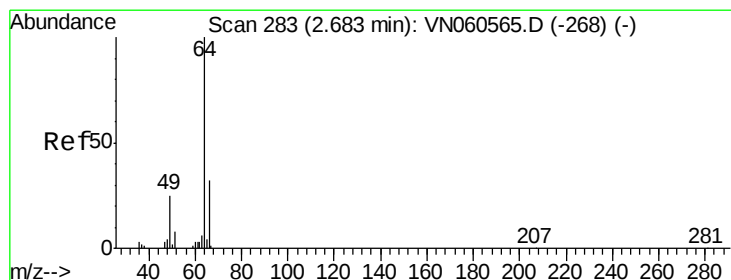
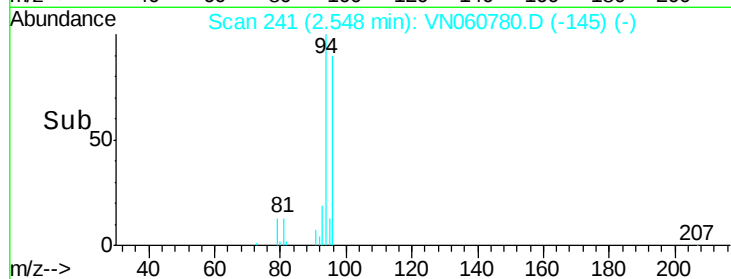
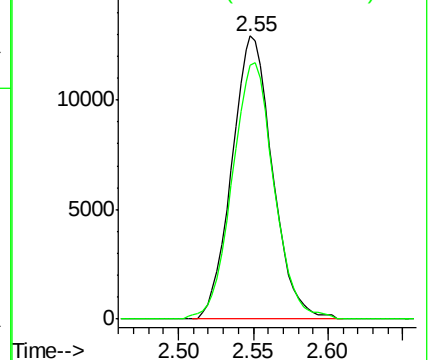
94 100

96 89.8 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.439 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060780.D

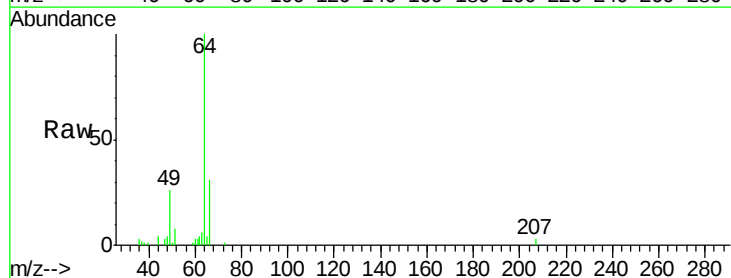
Acq: 31 Mar 2020 13:04

Tgt Ion: 64 Resp: 29202

Ion Ratio Lower Upper

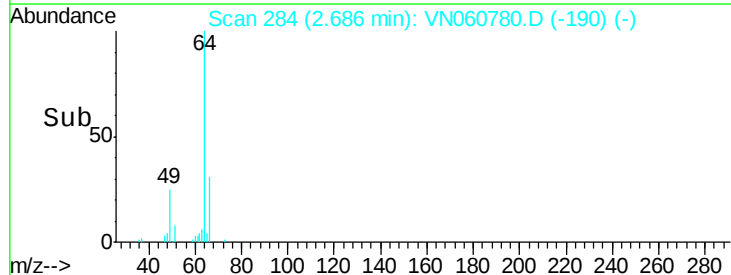
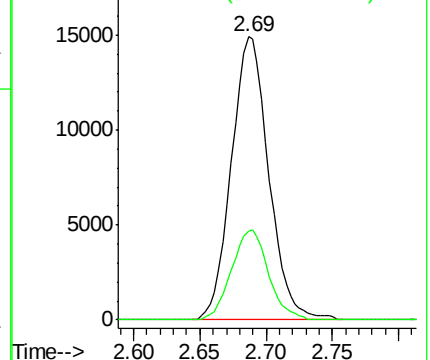
64 100

66 31.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



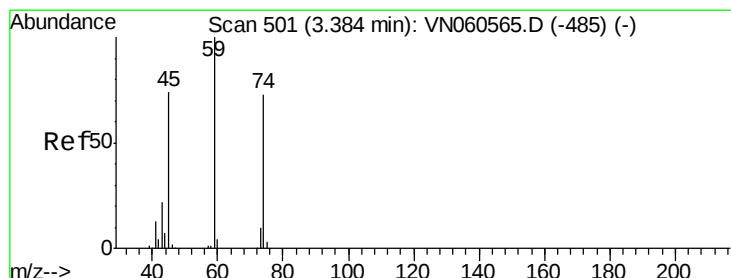
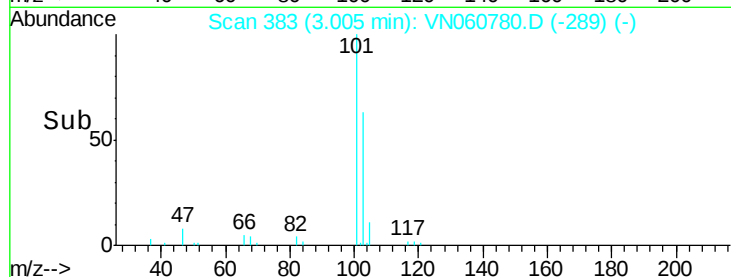
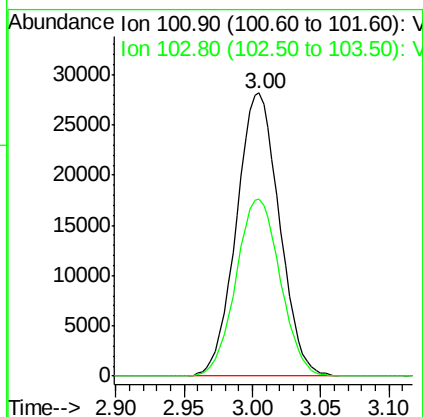
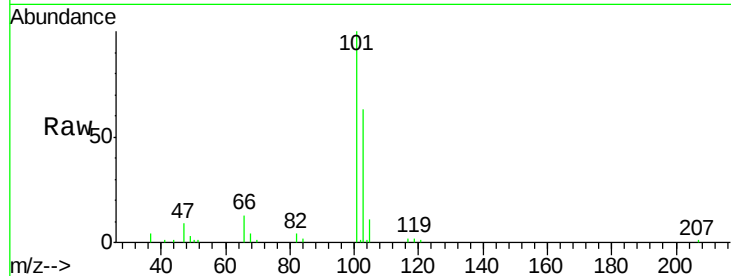


#7

Trichlorofluoromethane
 Concen: 18.183 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060780.D
 Acq: 31 Mar 2020 13:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBSD01

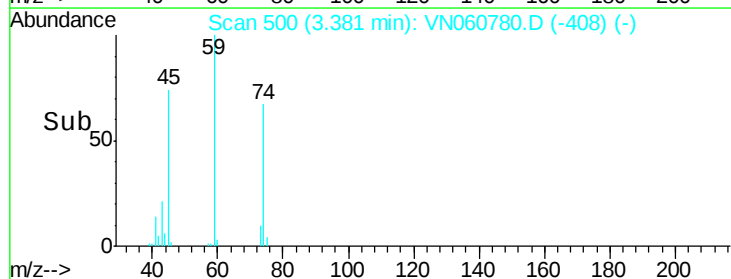
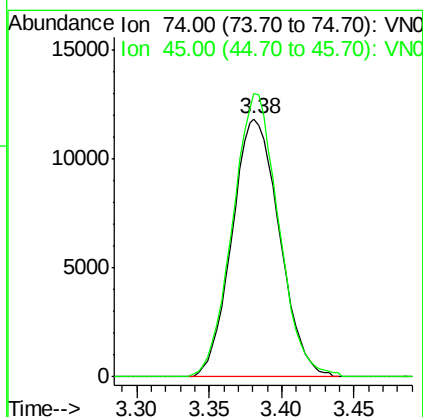
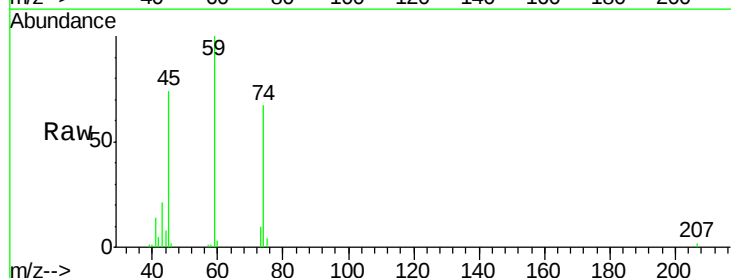
Tot Ion:101 Resp: 61583
 Ion Ratio Lower Upper
 101 100
 103 62.5 50.6 76.0



#8

Diethyl Ether
 Concen: 19.756 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: VN060780.D
 Acq: 31 Mar 2020 13:04

Tgt Ion: 74 Resp: 26879
 Ion Ratio Lower Upper
 74 100
 45 106.6 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.467 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD01

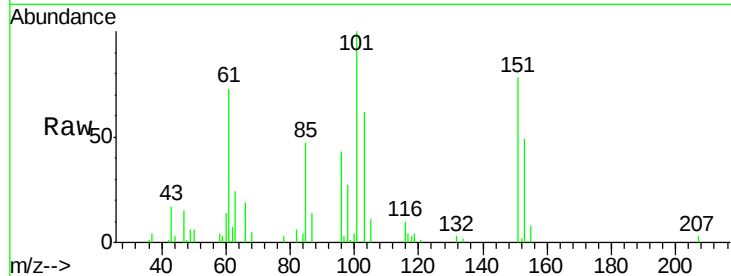
Tot Ion:101 Resp: 38203

Ion Ratio Lower Upper

101 100

85 45.3 35.6 53.4

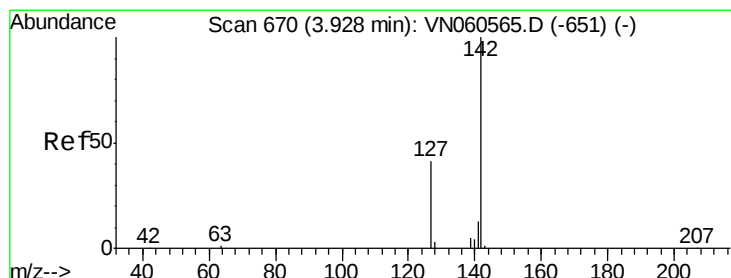
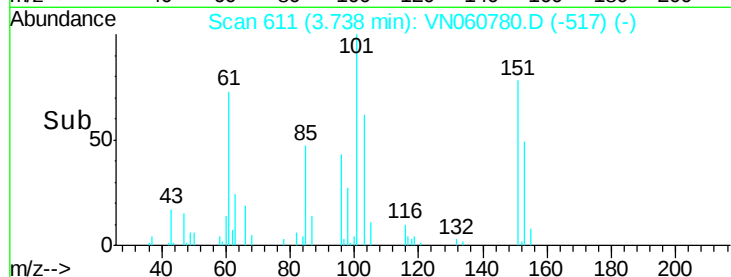
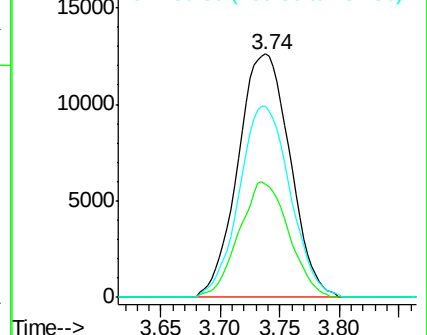
151 76.9 61.4 92.2



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: 19.217 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

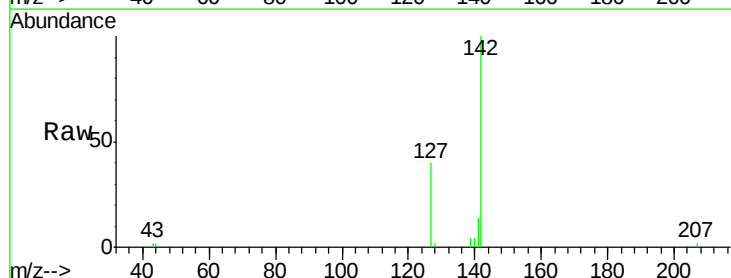
Tgt Ion:142 Resp: 33557

Ion Ratio Lower Upper

142 100

127 41.5 33.5 50.3

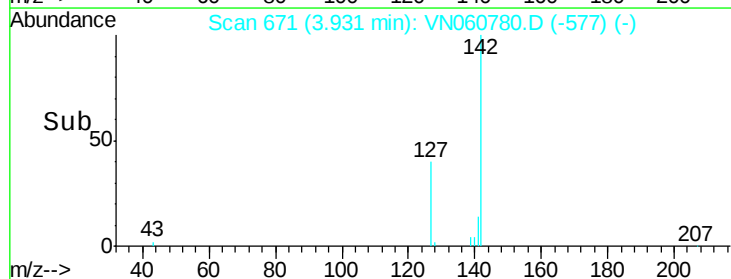
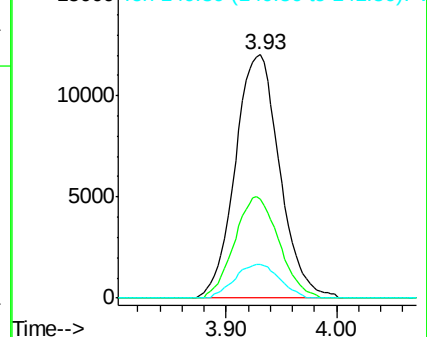
141 14.0 11.0 16.6

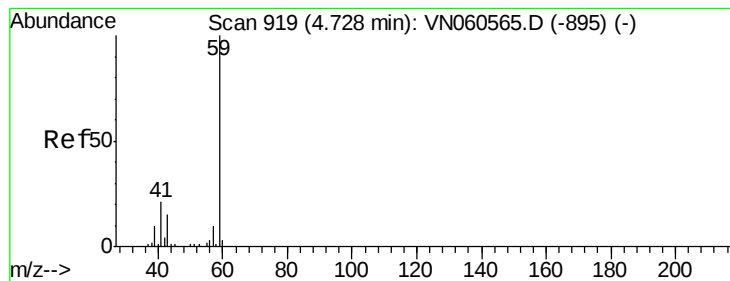


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



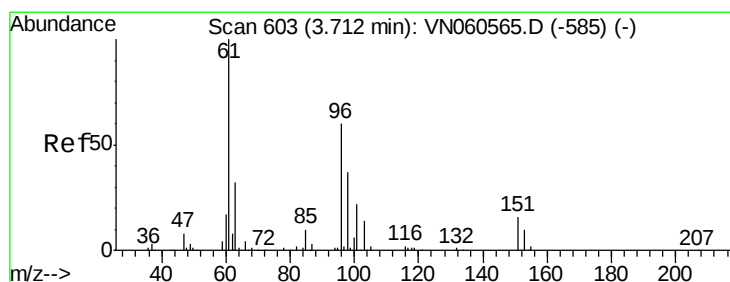
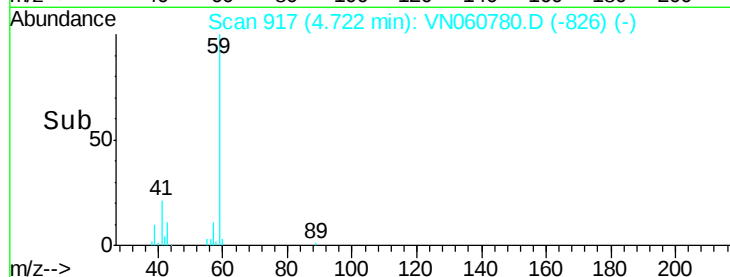
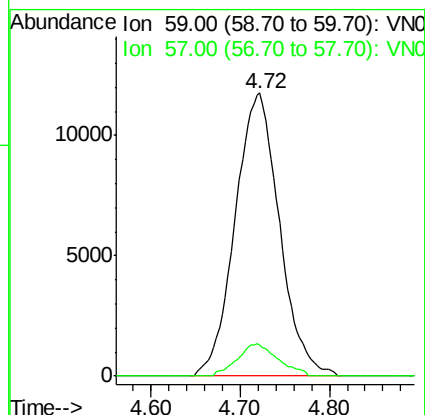
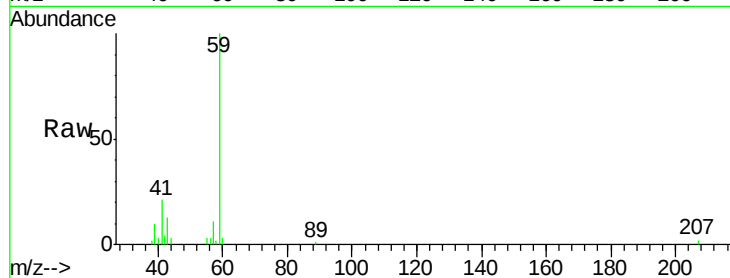


#11

Tert butyl alcohol
Concen: 103.316 ug/l
RT: 4.72 min Scan# 917
Delta R.T. -0.01 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

Instrument :
MSVOA_N
ClientSampled :
VN0331WBSD01

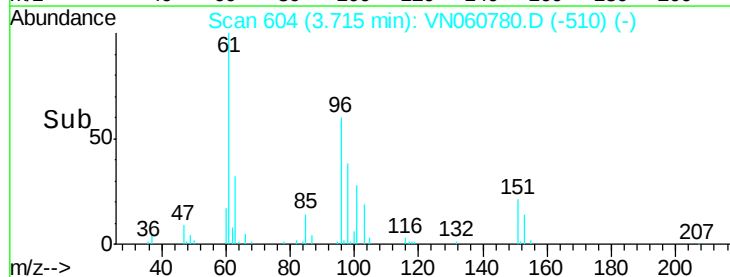
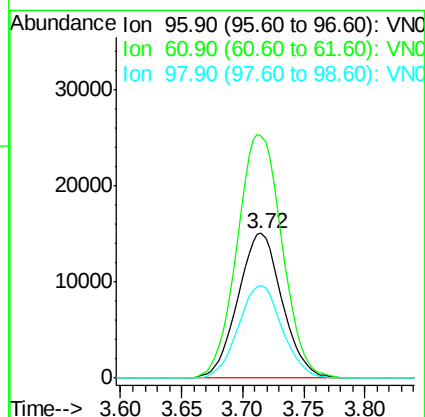
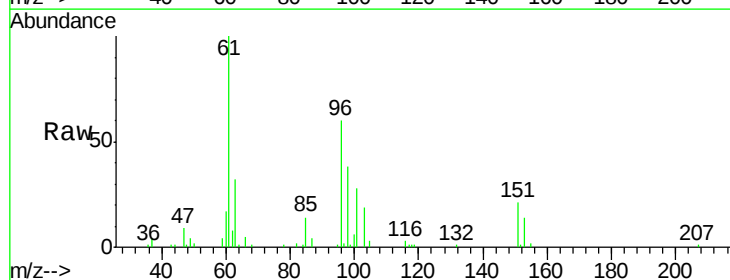
Tot Ion: 59 Resp: 40572
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

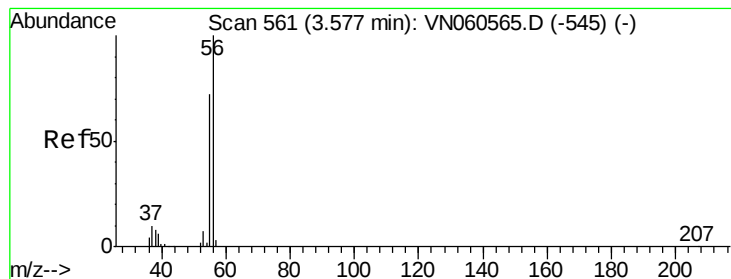


#12

1,1-Dichloroethene
Concen: 17.930 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

Tgt Ion: 96 Resp: 37759
Ion Ratio Lower Upper
96 100
61 167.4 134.1 201.1
98 63.6 49.9 74.9





#13

Acrolein

Concen: 86.695 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

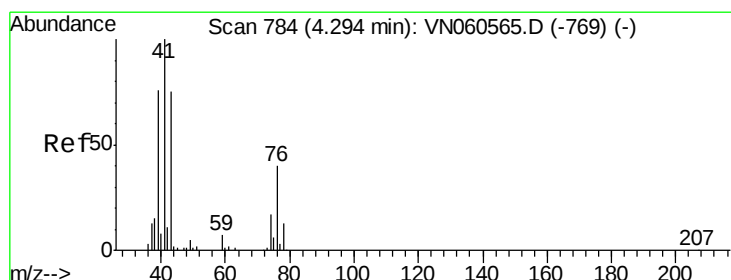
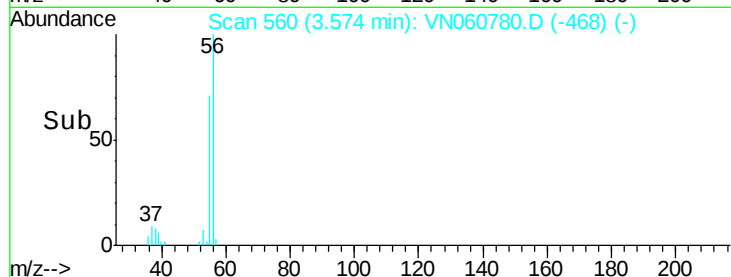
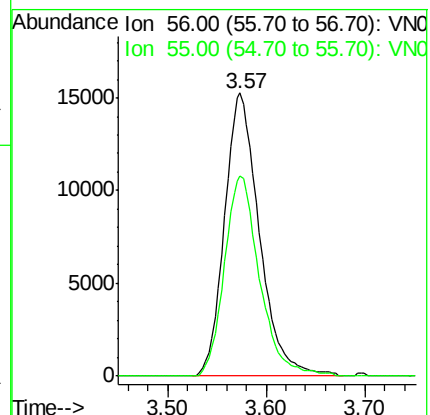
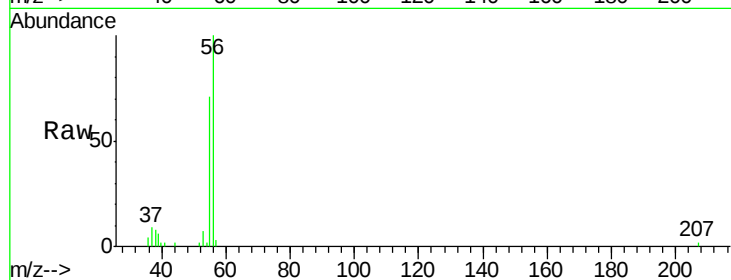
VN0331WBSD01

Tot Ion: 56 Resp: 37732

Ion Ratio Lower Upper

56 100

55 71.2 56.7 85.1



#14

Allyl chloride

Concen: 18.912 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

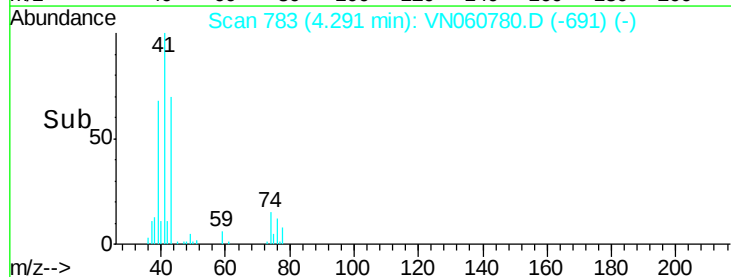
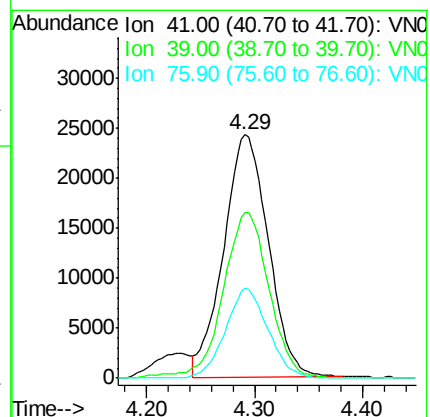
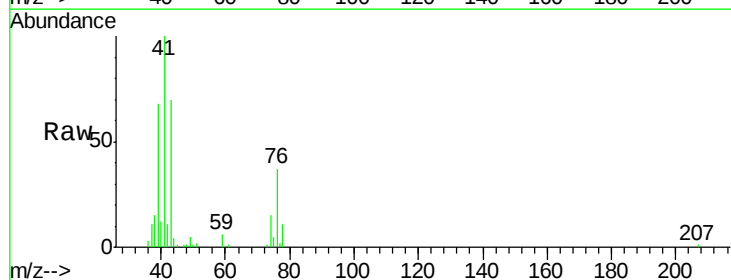
Tgt Ion: 41 Resp: 70048

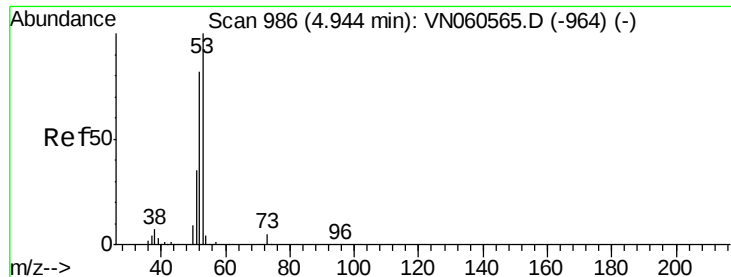
Ion Ratio Lower Upper

41 100

39 69.2 57.8 86.8

76 35.1 28.6 43.0





#15

Acrylonitrile

Concen: 100.028 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD01

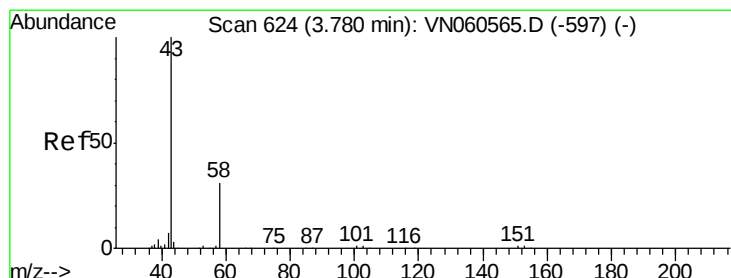
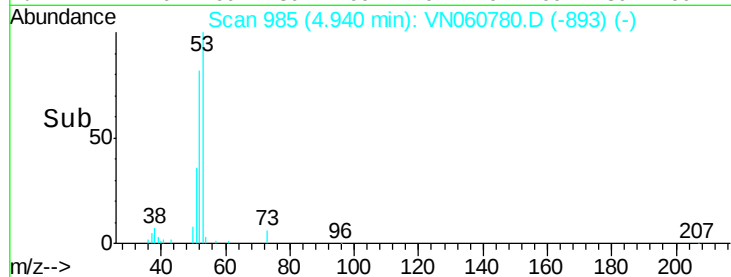
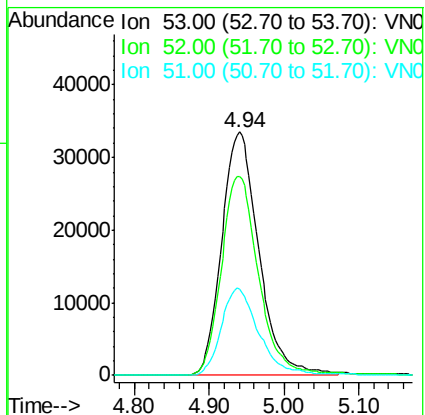
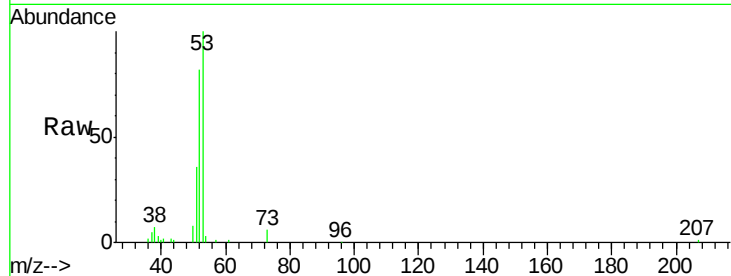
Tot Ion: 53 Resp: 115509

Ion Ratio Lower Upper

53 100

52 82.0 66.2 99.4

51 36.1 28.7 43.1



#16

Acetone

Concen: 102.437 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060780.D

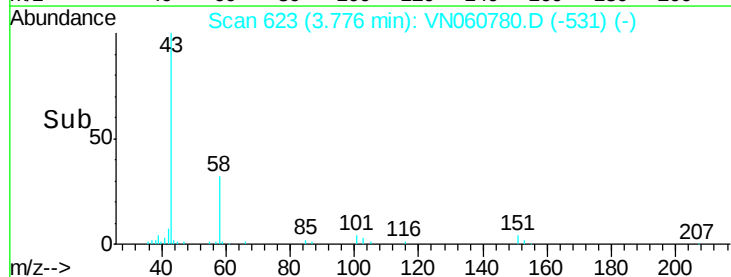
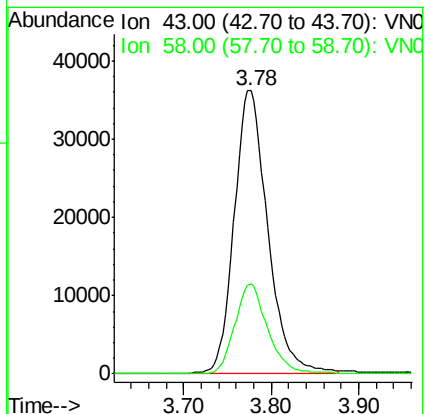
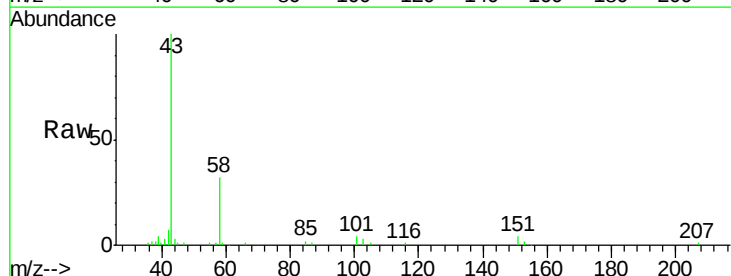
Acq: 31 Mar 2020 13:04

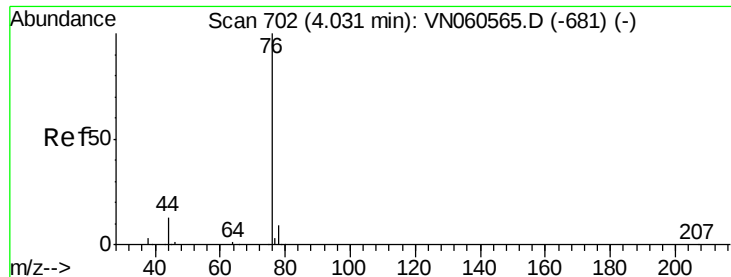
Tgt Ion: 43 Resp: 96888

Ion Ratio Lower Upper

43 100

58 31.8 25.1 37.7





#17

Carbon Disulfide

Concen: 17.365 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

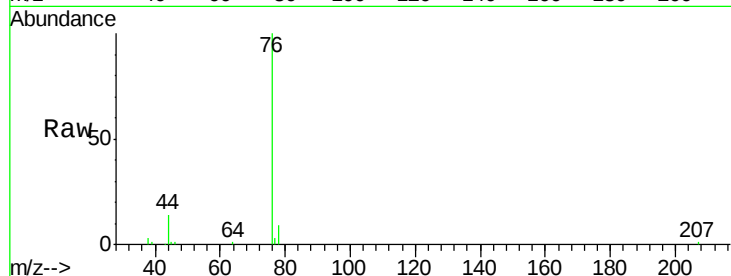
VN0331WBSD01

Tot Ion: 76 Resp: 111216

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8

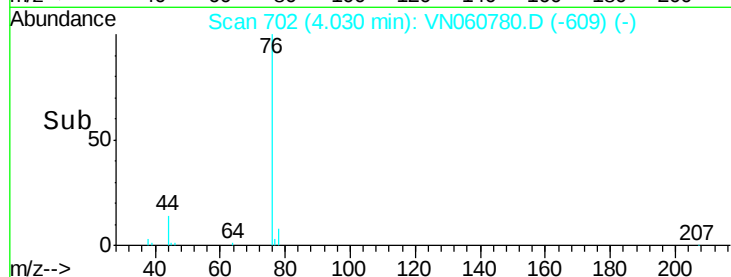


Abundance Ion 75.90 (75.60 to 76.60): VN060780.D (-689) (-)

Ion 77.90 (77.60 to 78.60): VN060780.D (-689) (-)

4.03

Time-->



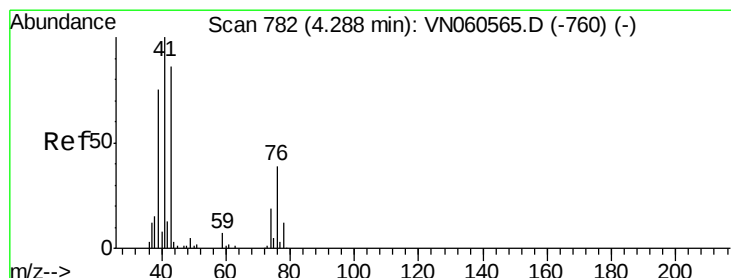
Abundance

Ion 75.90 (75.60 to 76.60): VN060780.D (-689) (-)

Ion 77.90 (77.60 to 78.60): VN060780.D (-689) (-)

4.03

Time-->



#18

Methyl Acetate

Concen: 20.550 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN060780.D

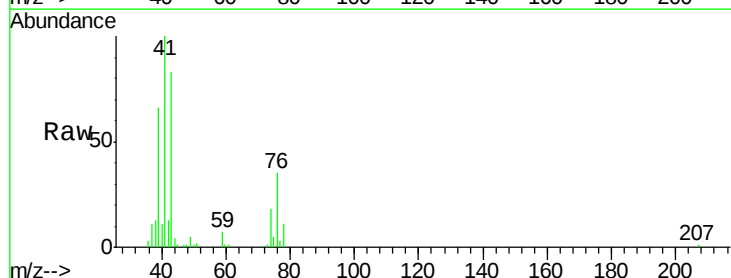
Acq: 31 Mar 2020 13:04

Tgt Ion: 43 Resp: 54710

Ion Ratio Lower Upper

43 100

74 21.6 17.5 26.3

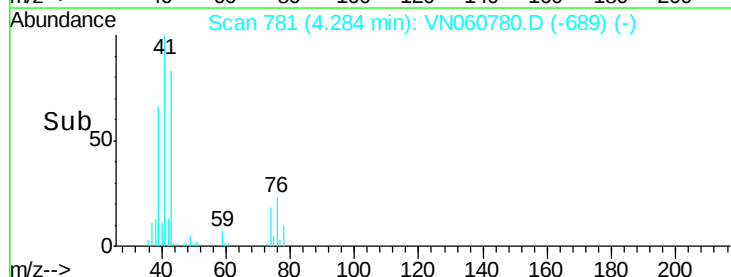


Abundance Ion 43.00 (42.70 to 43.70): VN060780.D (-689) (-)

Ion 74.00 (73.70 to 74.70): VN060780.D (-689) (-)

4.28

Time-->



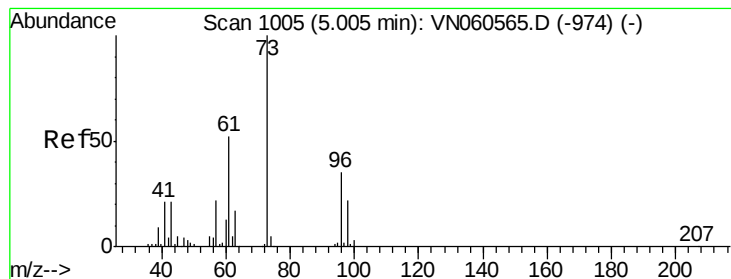
Abundance

Ion 43.00 (42.70 to 43.70): VN060780.D (-689) (-)

Ion 74.00 (73.70 to 74.70): VN060780.D (-689) (-)

4.28

Time-->



#19

Methyl tert-butyl Ether

Concen: 19.285 ug/l

RT: 5.00 min Scan# 1003

Delta R.T. -0.01 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

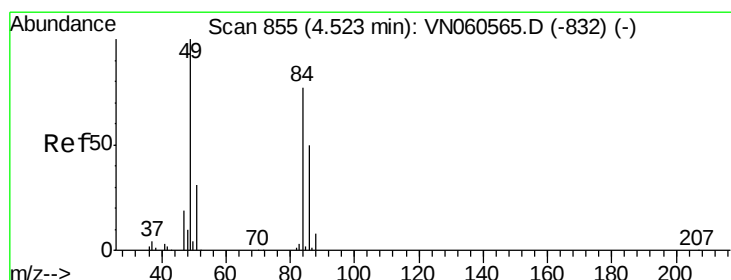
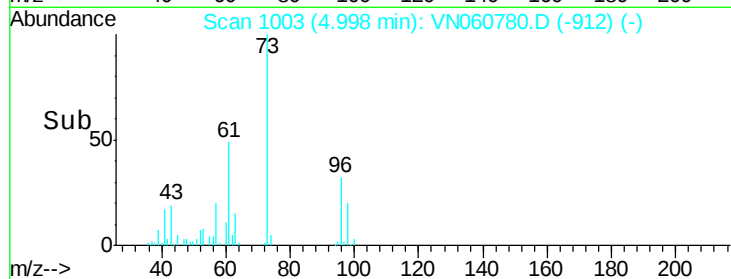
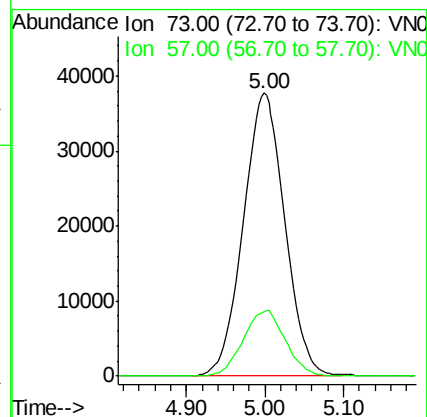
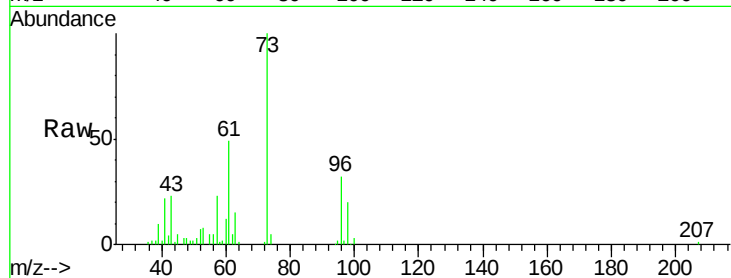
VN0331WBSD01

Tot Ion: 73 Resp: 139631

Ion Ratio Lower Upper

73 100

57 23.0 17.5 26.3



#20

Methylene Chloride

Concen: 19.113 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

Tgt Ion: 84 Resp: 44469

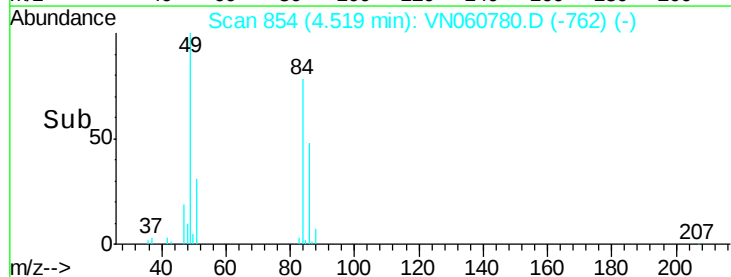
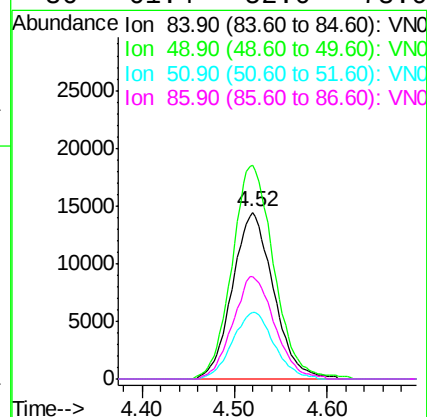
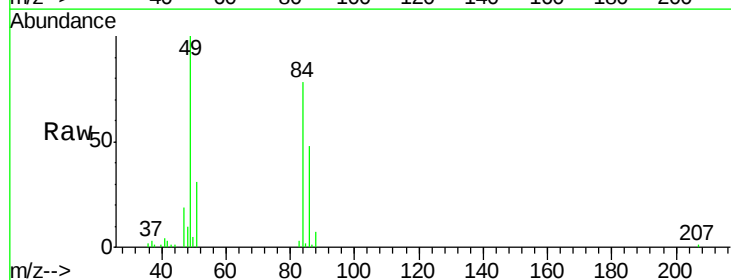
Ion Ratio Lower Upper

84 100

49 128.2 103.3 154.9

51 39.9 31.6 47.4

86 61.4 52.0 78.0

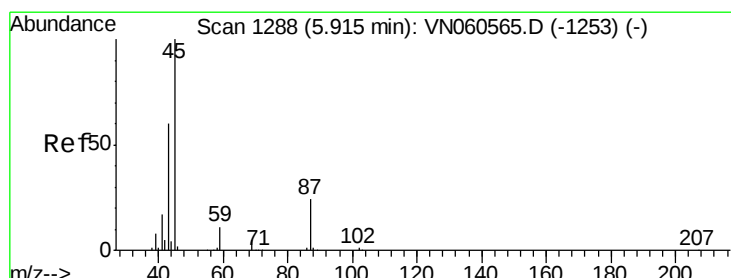
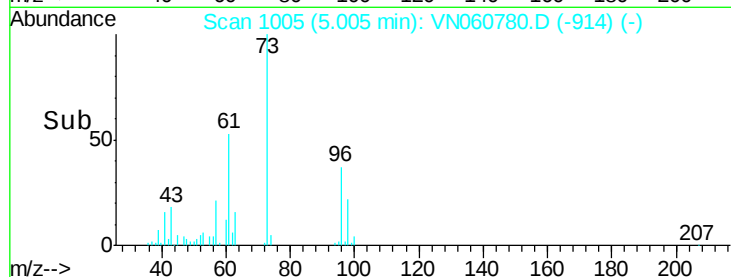
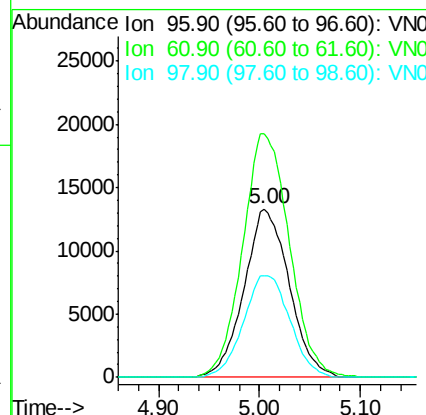
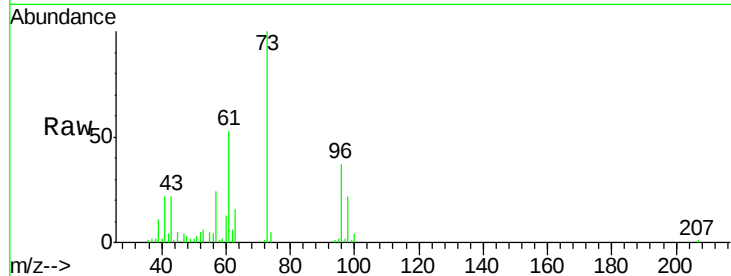




#21
trans-1,2-Dichloroethene
Concen: 18.433 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

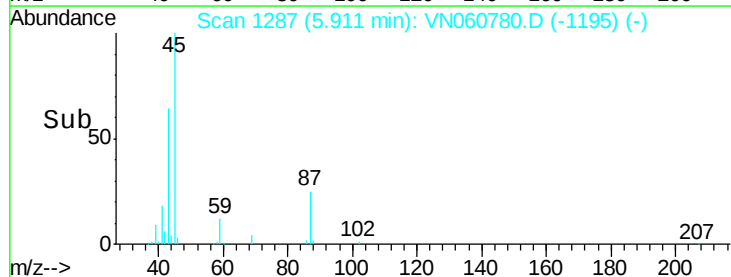
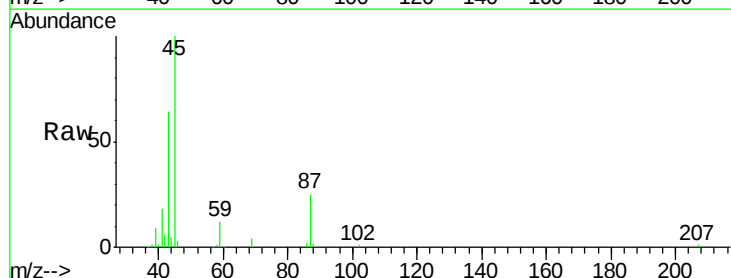
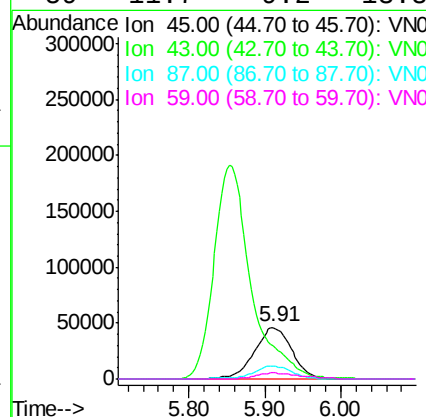
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

Tot Ion: 96 Resp: 41373
Ion Ratio Lower Upper
96 100
61 144.7 114.4 171.6
98 60.6 48.4 72.6



#22
Diisopropyl ether
Concen: 20.085 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

Tgt Ion: 45 Resp: 157170
Ion Ratio Lower Upper
45 100
43 62.3 49.8 74.8
87 25.1 20.1 30.1
59 11.7 9.2 13.8





#23

Vinyl Acetate

Concen: 101.834 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

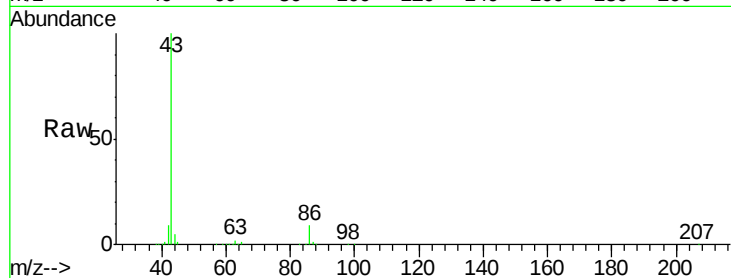
VN0331WBSD01

Tot Ion: 43 Resp: 650172

Ion Ratio Lower Upper

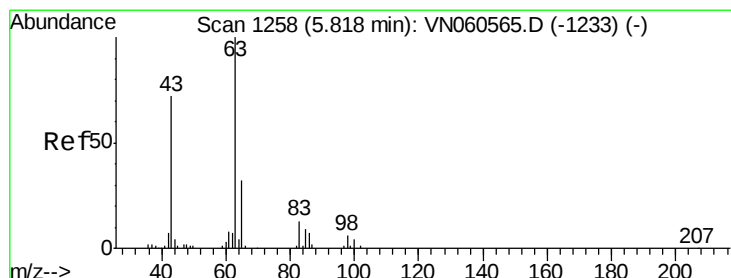
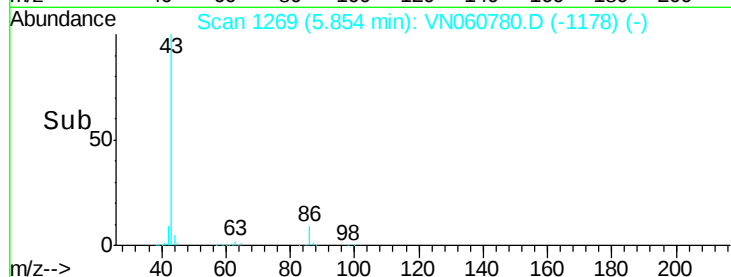
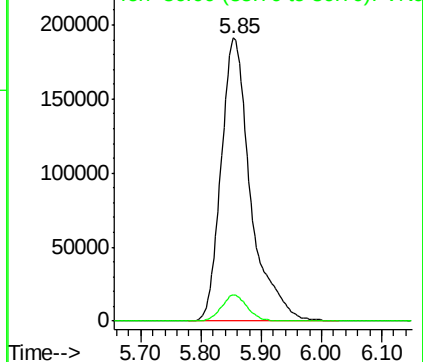
43 100

86 9.3 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.136 ug/l

RT: 5.81 min Scan# 1256

Delta R.T. -0.01 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

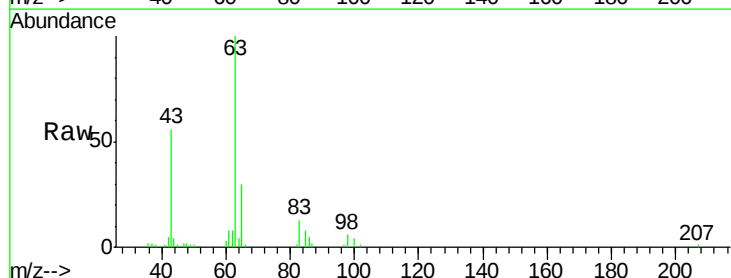
Tgt Ion: 63 Resp: 81633

Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.7

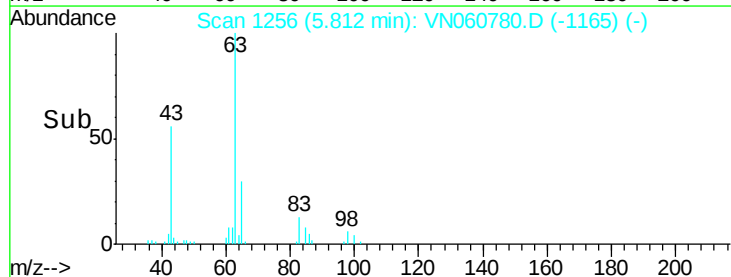
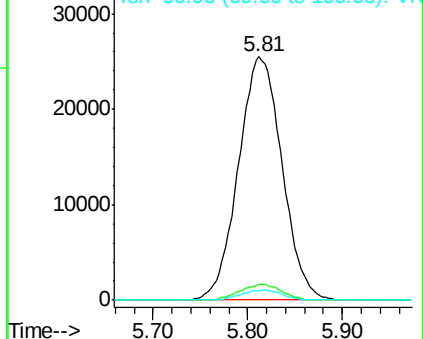
100 4.0 1.8 5.5

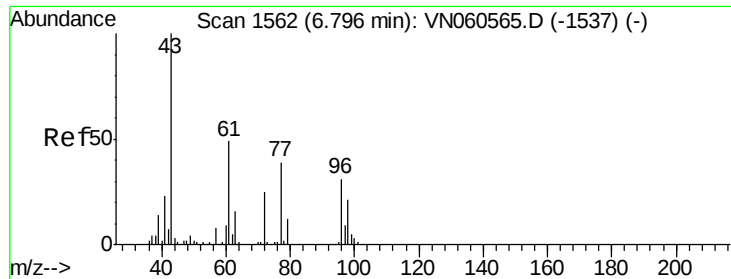


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

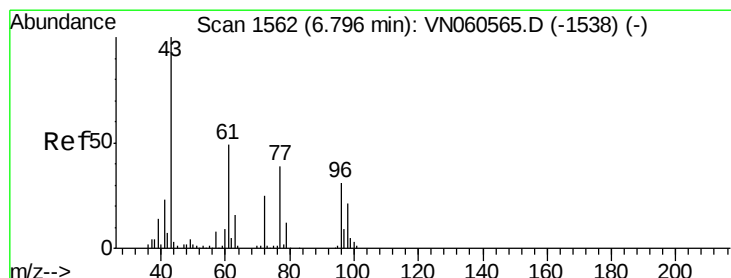
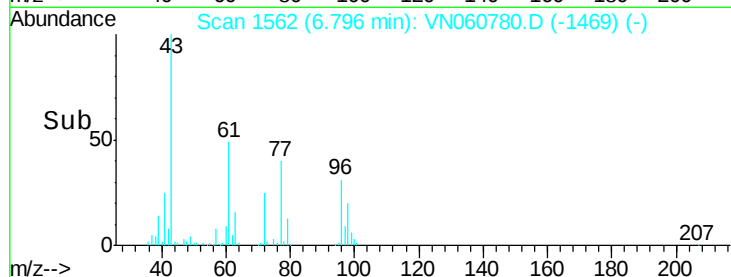
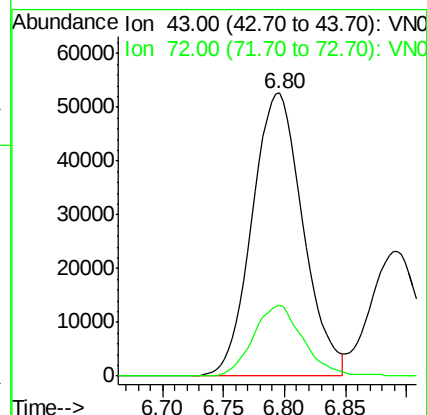
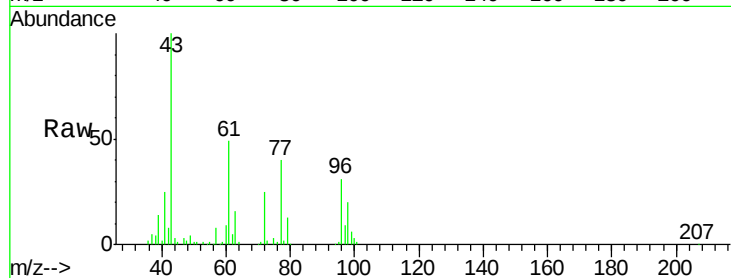




#25
2-Butanone
Concen: 99.569 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

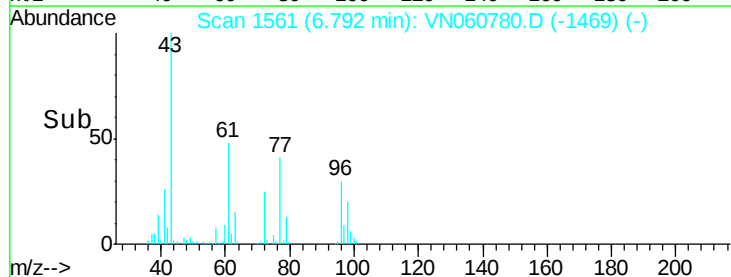
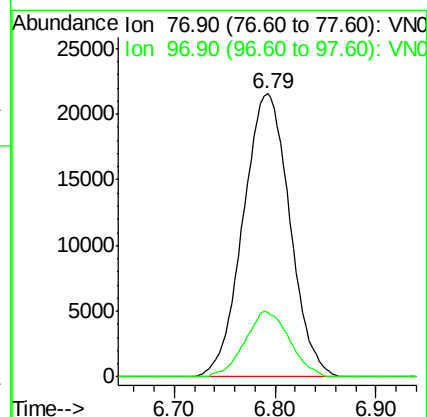
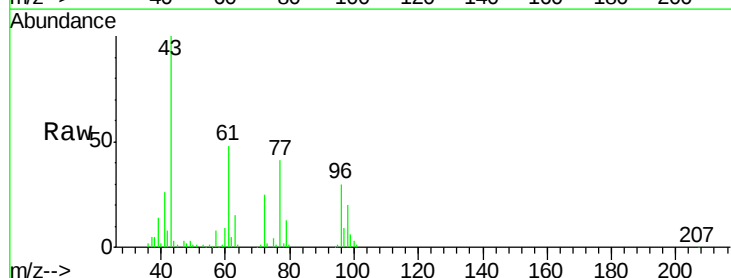
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

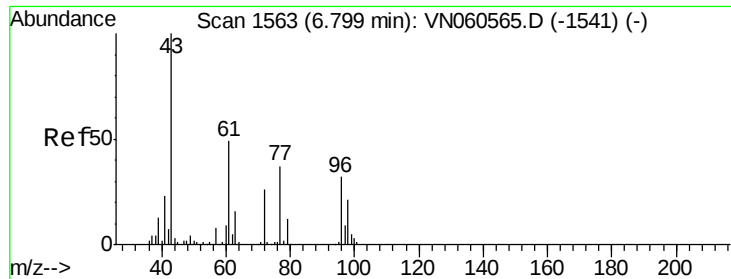
Tot Ion: 43 Resp: 152391
Ion Ratio Lower Upper
43 100
72 25.2 20.4 30.6



#26
2,2-Dichloropropane
Concen: 20.605 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

Tgt Ion: 77 Resp: 69158
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.1

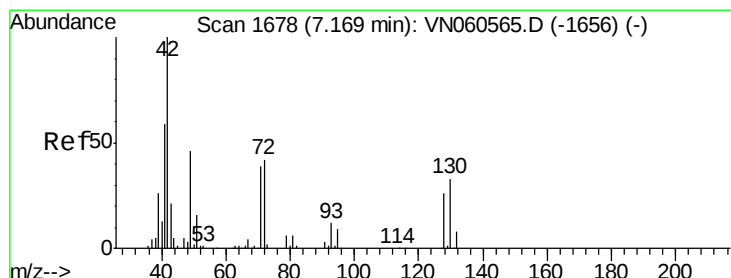
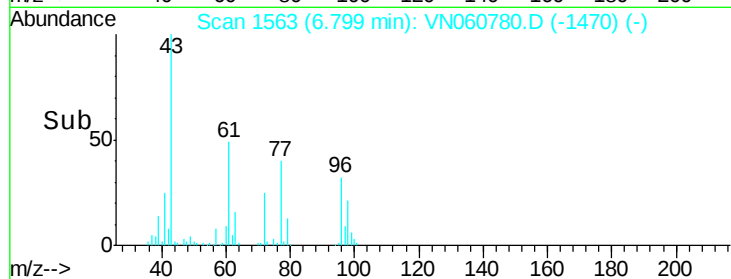
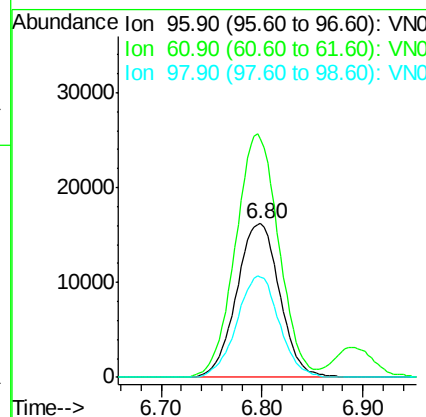
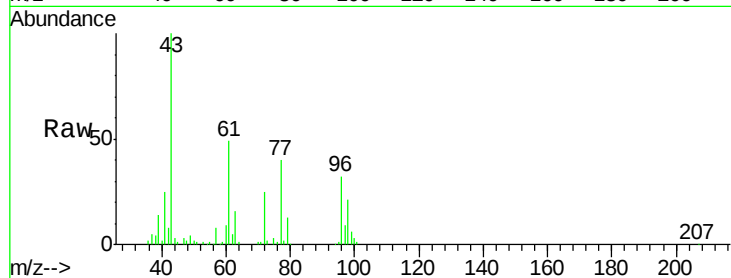




#27
 cis-1,2-Dichloroethene
 Concen: 18.854 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VN060780.D
 Acq: 31 Mar 2020 13:04

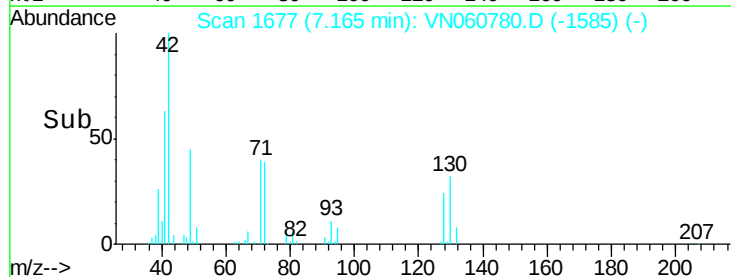
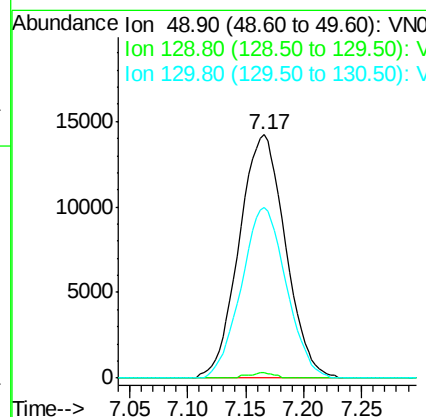
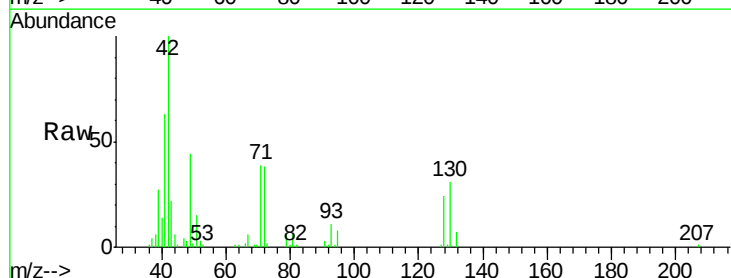
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBSD01

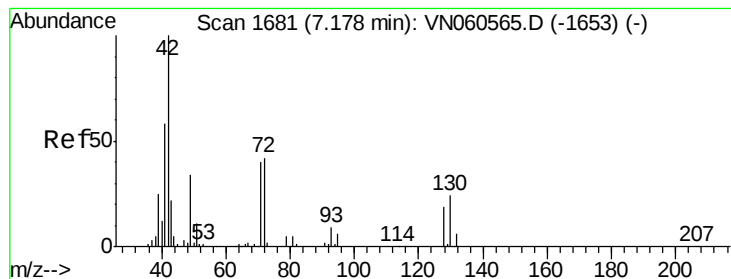
Tot Ion: 96 Resp: 48087
 Ion Ratio Lower Upper
 96 100
 61 158.8 0.0 305.6
 98 64.8 0.0 127.6



#28
 Bromochloromethane
 Concen: 19.334 ug/l
 RT: 7.17 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: VN060780.D
 Acq: 31 Mar 2020 13:04

Tgt Ion: 49 Resp: 39461
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.4
 130 68.1 55.0 82.4





#29

Tetrahydrofuran

Concen: 98.331 ug/l

RT: 7.17 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD01

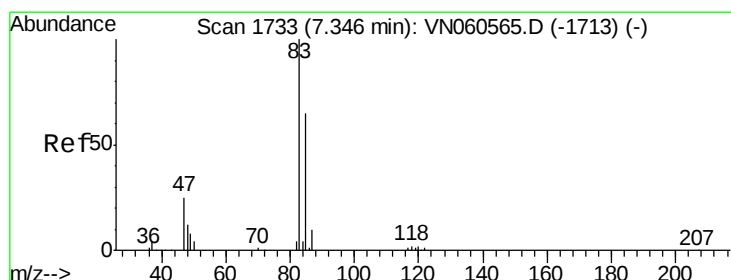
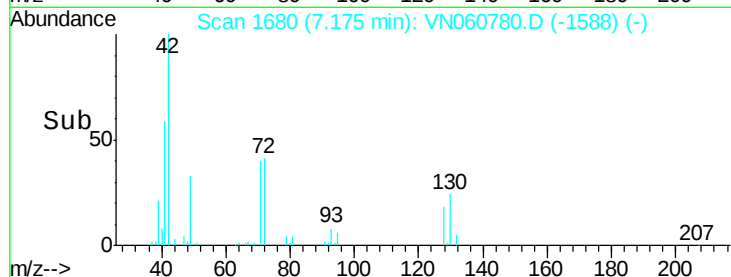
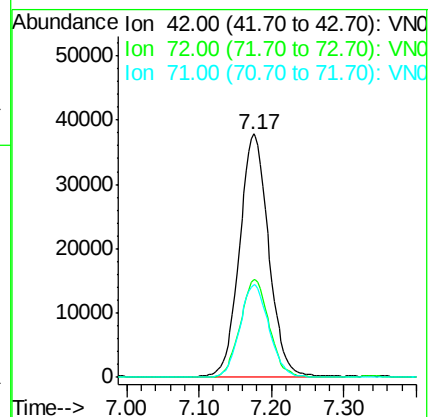
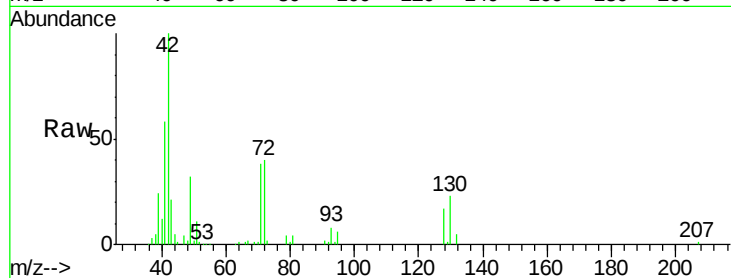
Tot Ion: 42 Resp: 106482

Ion Ratio Lower Upper

42 100

72 39.6 33.2 49.8

71 37.9 31.1 46.7



#30

Chloroform

Concen: 19.137 ug/l

RT: 7.34 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VN060780.D

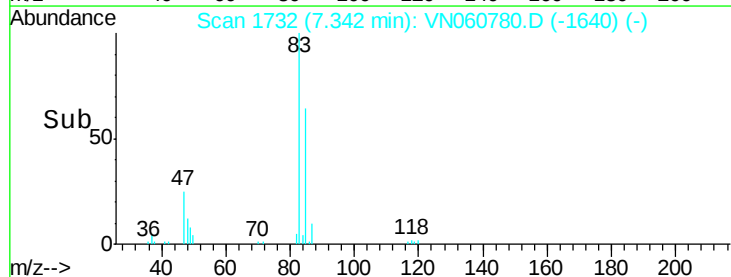
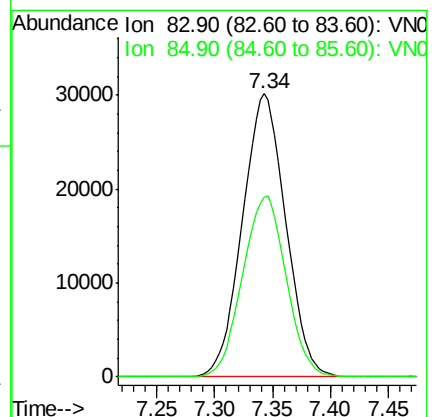
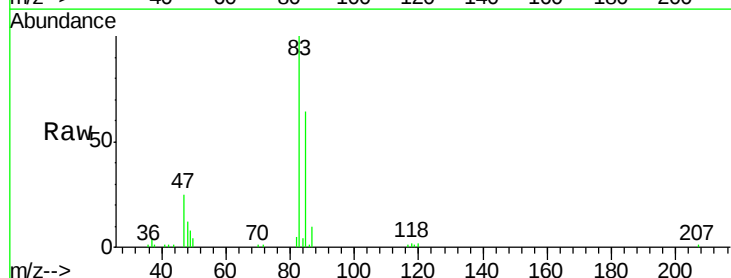
Acq: 31 Mar 2020 13:04

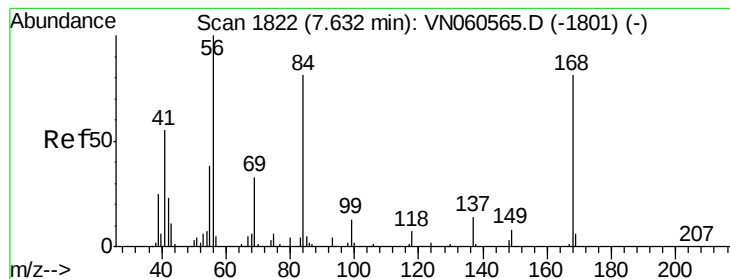
Tgt Ion: 83 Resp: 78259

Ion Ratio Lower Upper

83 100

85 63.6 51.8 77.8





#31

Cyclohexane

Concen: 18.218 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD01

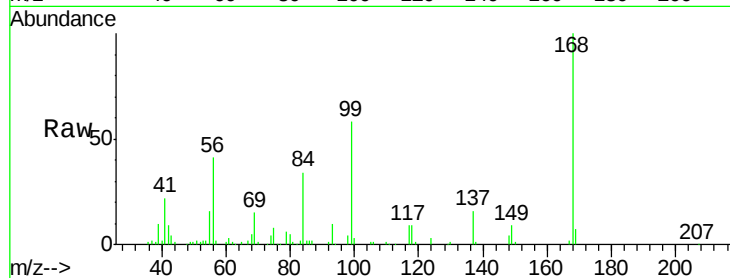
Tot Ion: 56 Resp: 78348

Ion Ratio Lower Upper

56 100

69 36.7 26.6 40.0

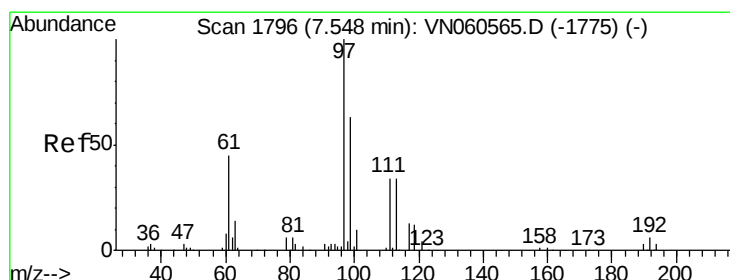
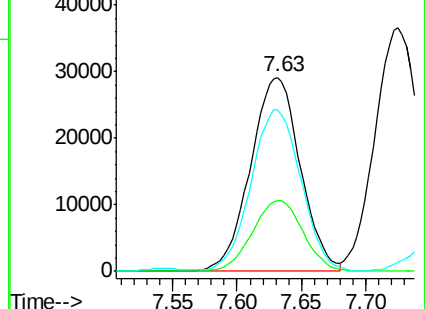
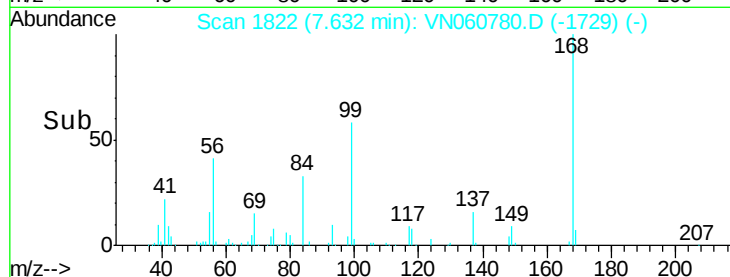
84 82.5 64.3 96.5



Abundance Ion 56.00 (55.70 to 56.70): VN060780.D (-1729) (-)

Ion 69.00 (68.70 to 69.70): VN060780.D (-1729) (-)

Ion 84.00 (83.70 to 84.70): VN060780.D (-1729) (-)



#32

1,1,1-Trichloroethane

Concen: 18.771 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

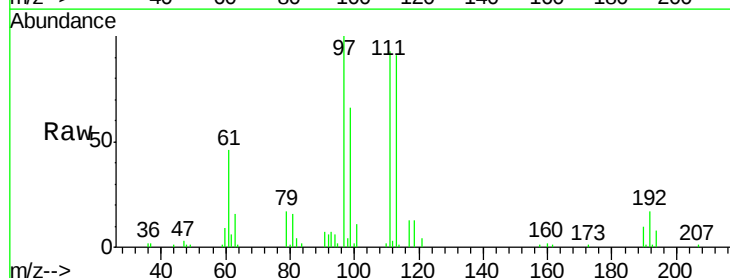
Tgt Ion: 97 Resp: 66175

Ion Ratio Lower Upper

97 100

99 64.9 50.6 75.8

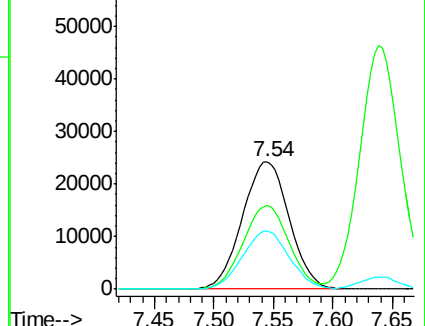
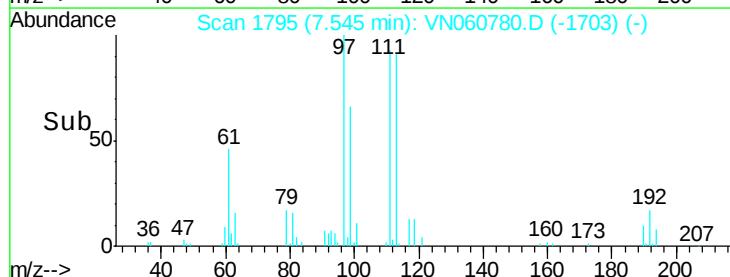
61 45.5 36.2 54.4



Abundance Ion 96.90 (96.60 to 97.60): VN060780.D (-1703) (-)

Ion 98.90 (98.60 to 99.60): VN060780.D (-1703) (-)

Ion 60.90 (60.60 to 61.60): VN060780.D (-1703) (-)





#33

1,2-Dichloroethane-d4

Concen: 47.834 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

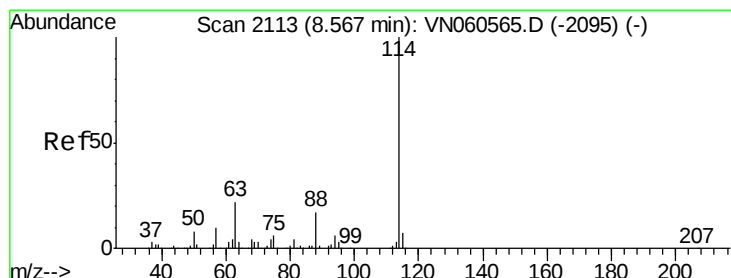
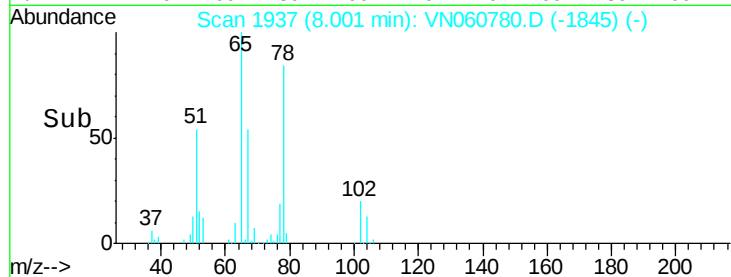
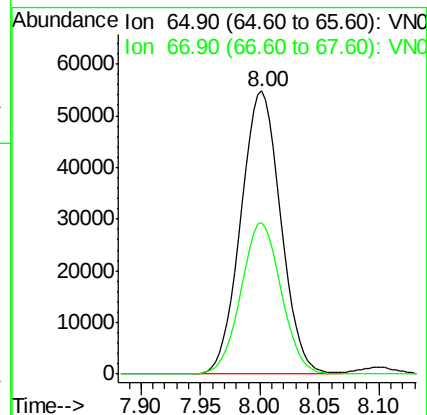
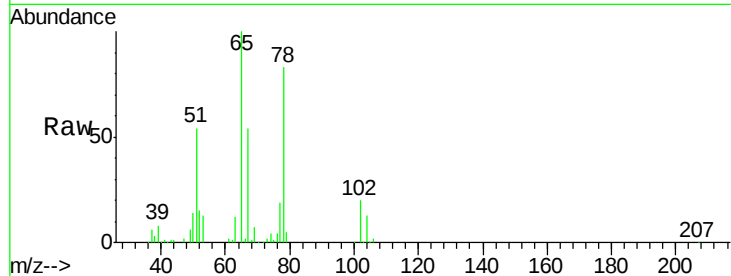
VN0331WBSD01

Tot Ion: 65 Resp: 127725

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

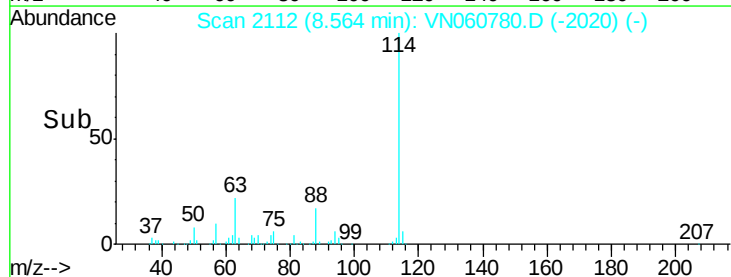
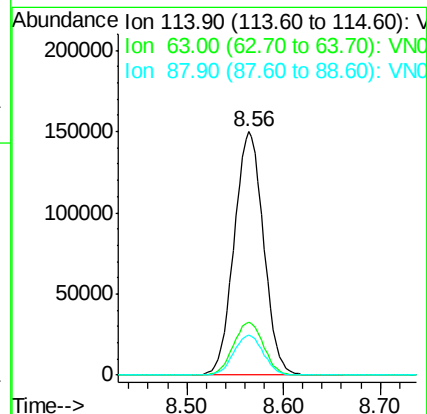
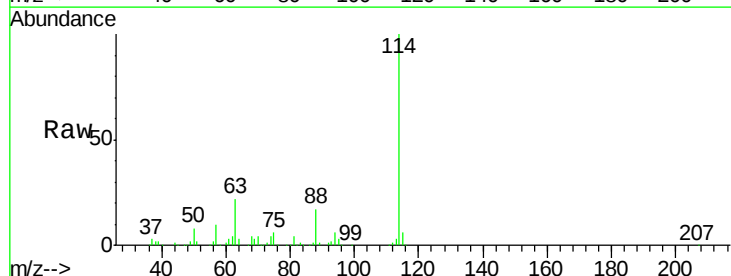
Tgt Ion: 114 Resp: 316094

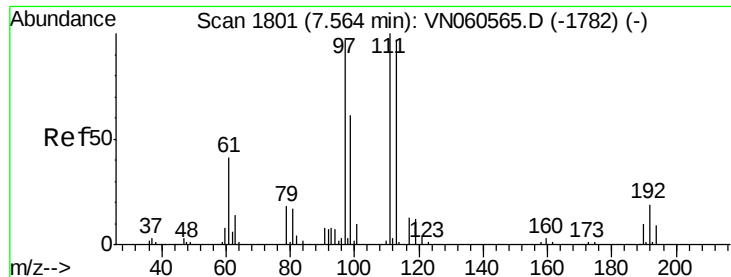
Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.8

88 16.6 0.0 33.0

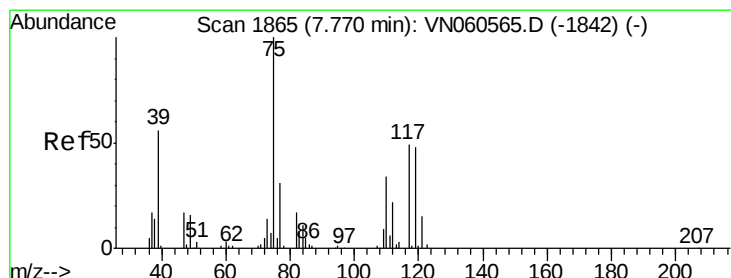
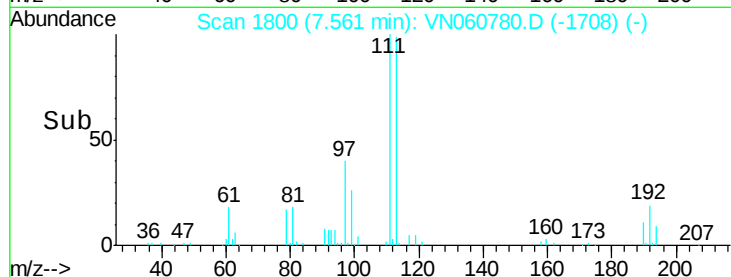
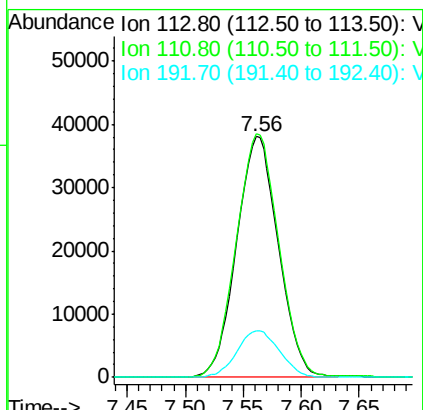
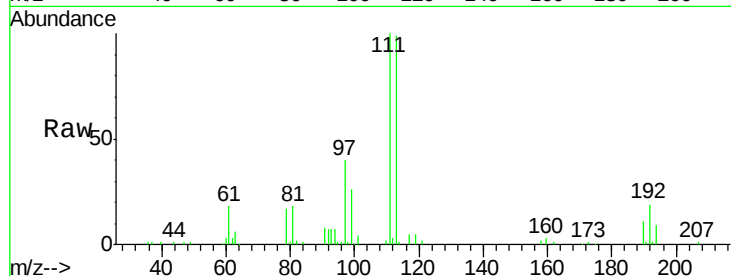




#35
Dibromofluoromethane
Concen: 49.828 ug/l
RT: 7.56 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

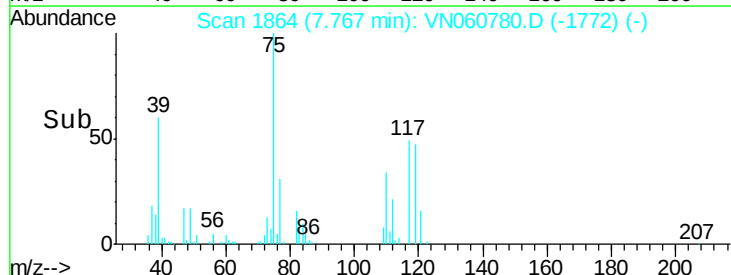
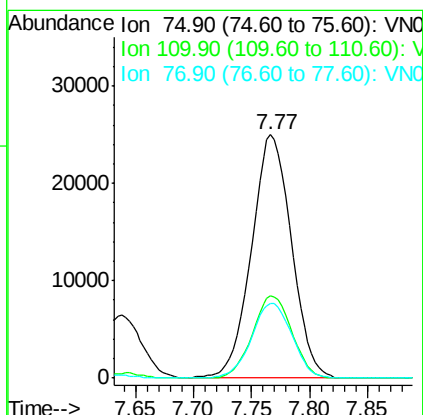
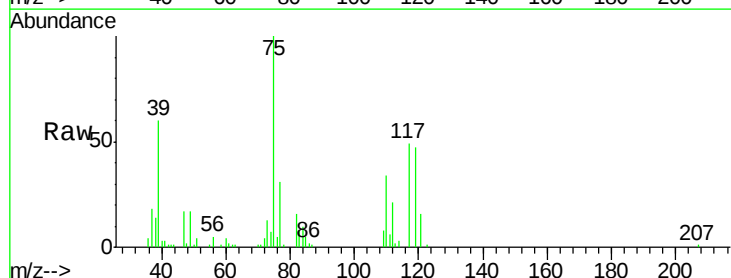
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

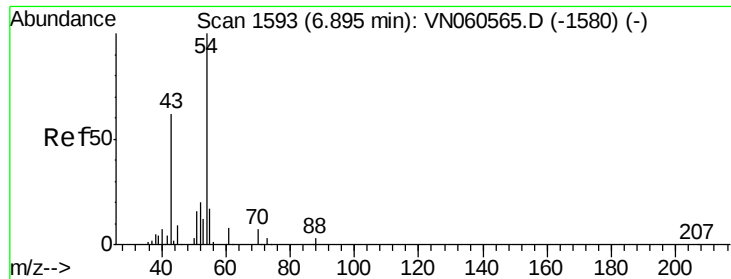
Tot Ion:113 Resp: 95238
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 19.8 15.8 23.8



#36
1,1-Dichloropropene
Concen: 19.596 ug/l
RT: 7.77 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

Tgt Ion: 75 Resp: 59979
Ion Ratio Lower Upper
75 100
110 33.3 16.9 50.6
77 31.2 24.6 36.8

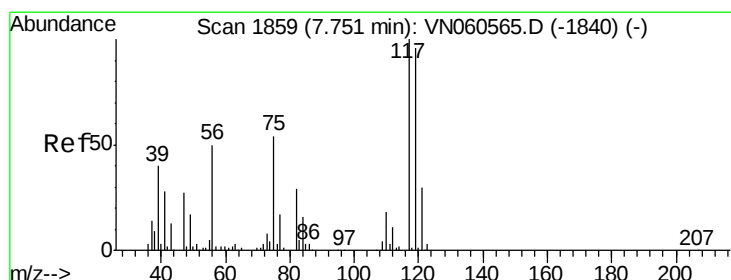
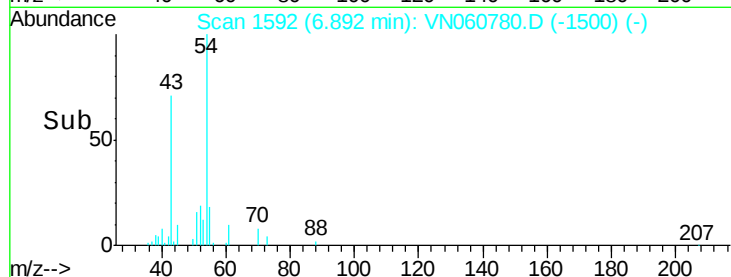
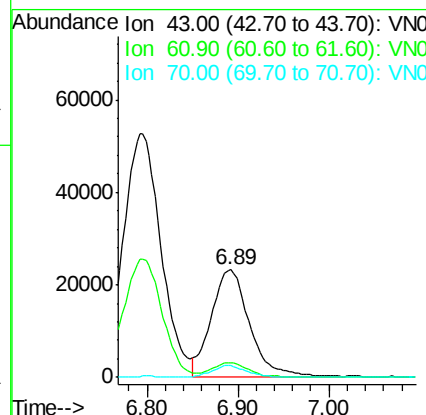
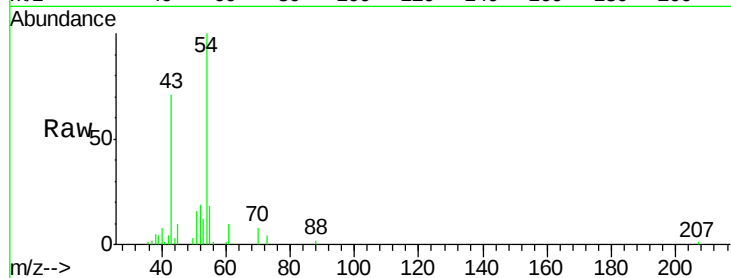




#37
Ethyl Acetate
Concen: 20.395 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

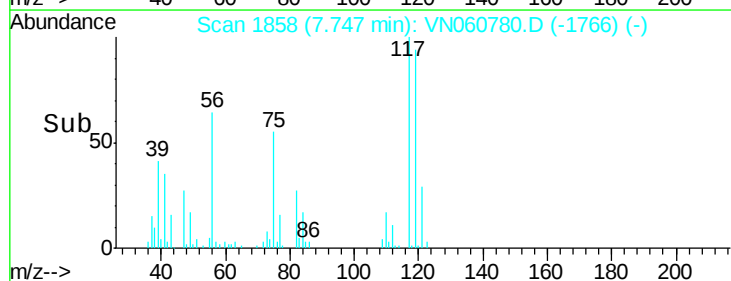
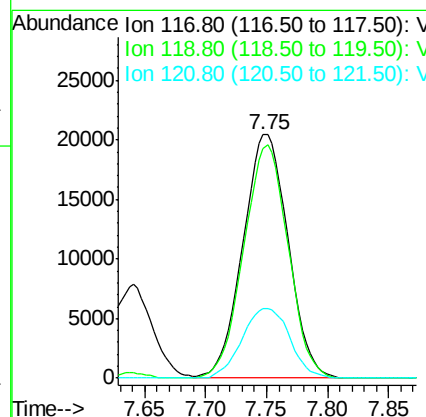
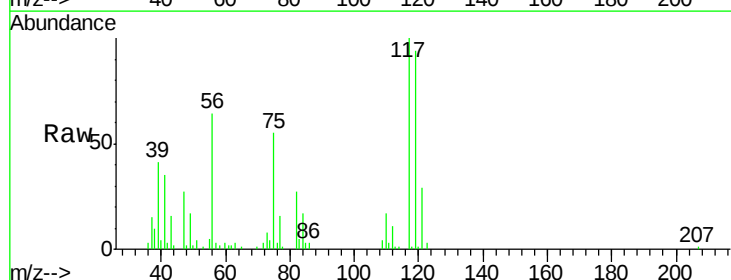
Instrument :
MSVOA_N
ClientSampled :
VN0331WBSD01

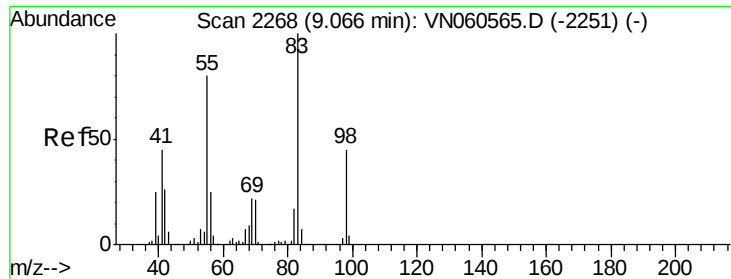
Tot Ion: 43 Resp: 67451
Ion Ratio Lower Upper
43 100
61 13.0 10.6 15.8
70 9.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 19.131 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

Tgt Ion: 117 Resp: 52482
Ion Ratio Lower Upper
117 100
119 94.5 76.2 114.2
121 28.5 23.7 35.5

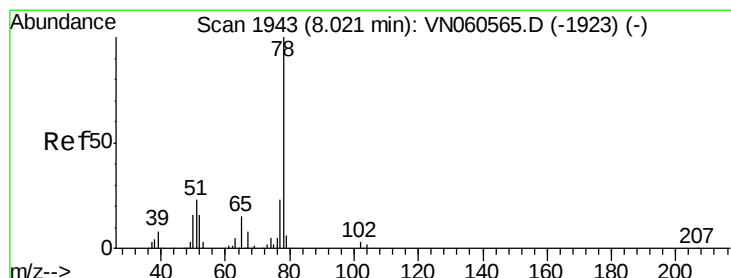
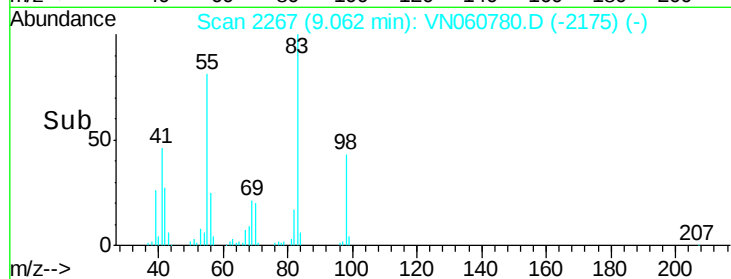
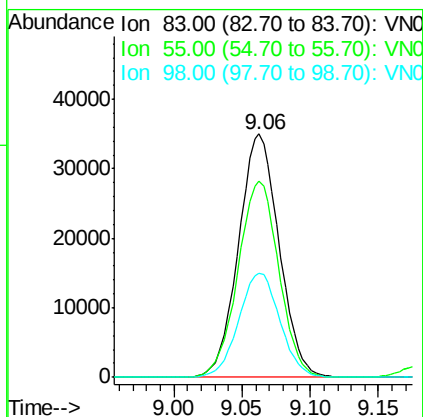
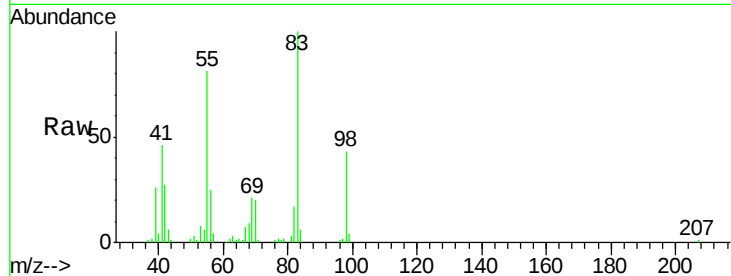




#39
Methvlcvclohexane
Concen: 19.847 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

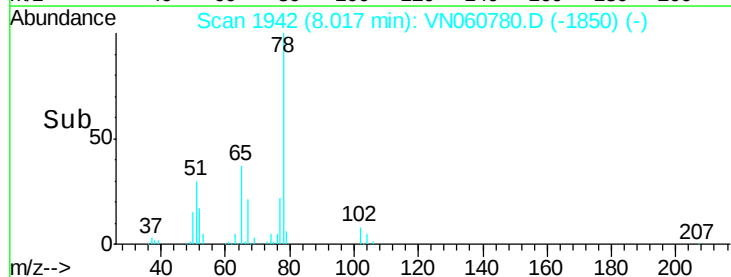
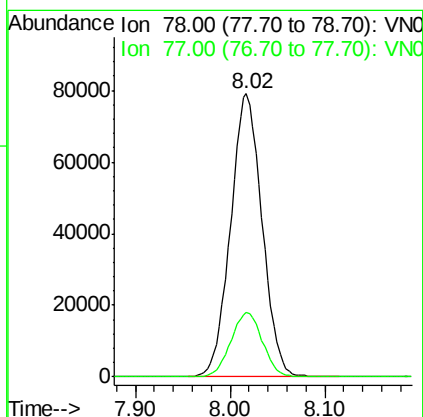
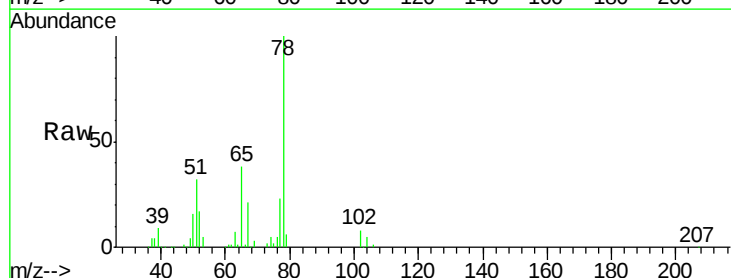
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

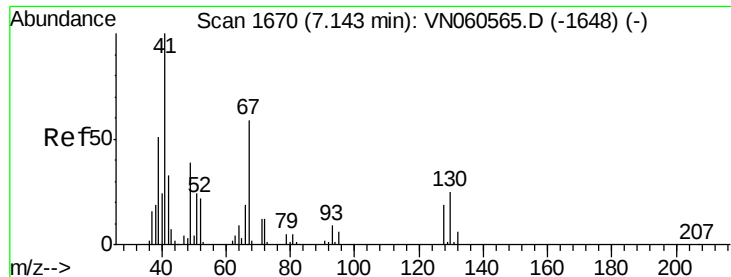
Tot Ion: 83 Resp: 72192
Ion Ratio Lower Upper
83 100
55 80.7 63.6 95.4
98 42.9 36.0 54.0



#40
Benzene
Concen: 19.780 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

Tgt Ion: 78 Resp: 182760
Ion Ratio Lower Upper
78 100
77 22.7 18.6 28.0

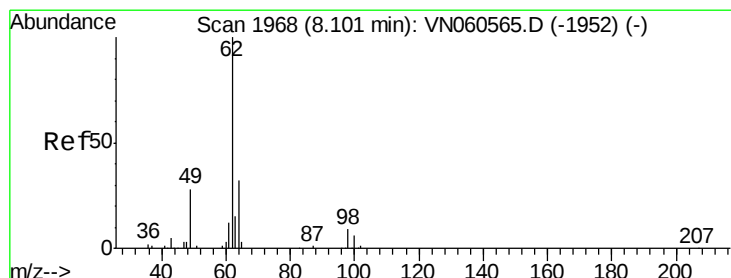
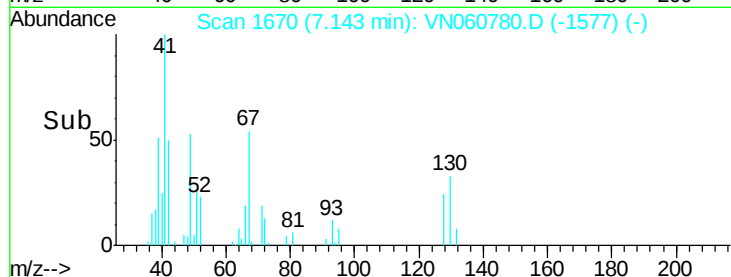
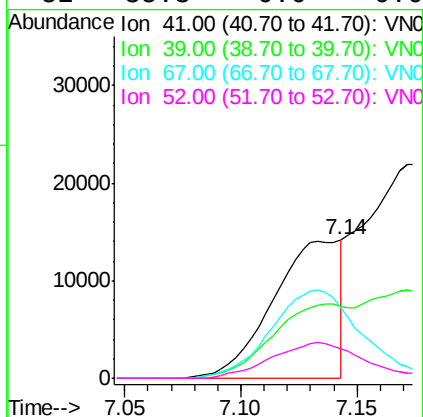
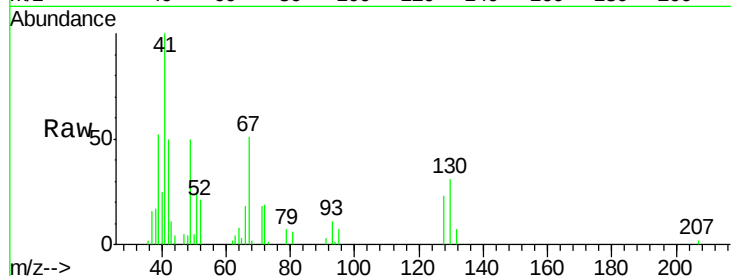




#41
Methacrylonitrile
Concen: 20.268 ug/l m
RT: 7.14 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

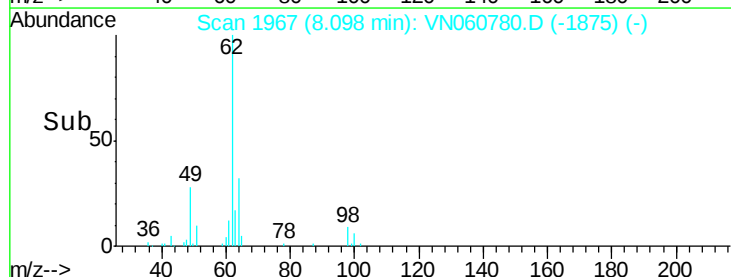
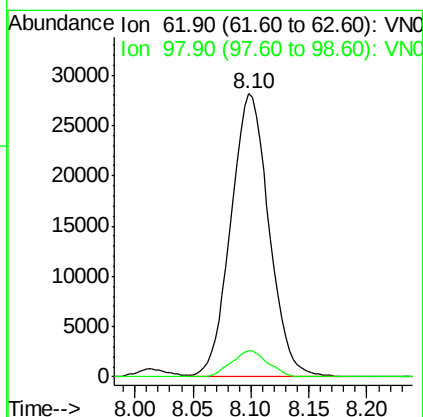
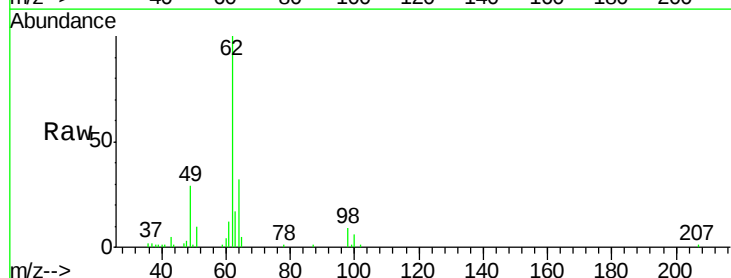
Instrument :
MSVOA_N
ClientSampled :
VN0331WBSD01

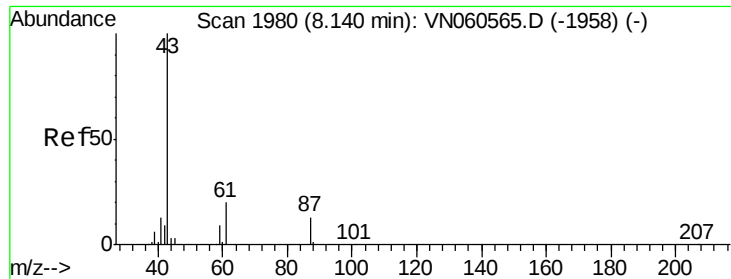
Tot Ion:	41	Resp:	28607
Ion	Ratio	Lower	Upper
41	100		
39	58.9	0.0	0.0#
67	85.5	0.0	0.0#
52	35.3	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 20.346 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

Tgt Ion:	62	Resp:	64245
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8





#43

Isopropyl Acetate

Concen: 20.227 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD01

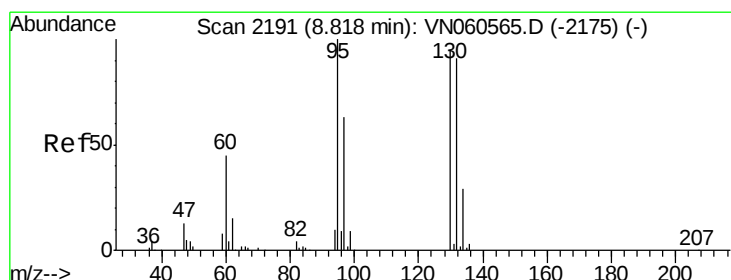
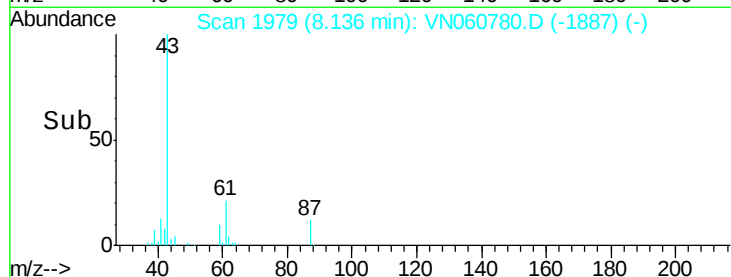
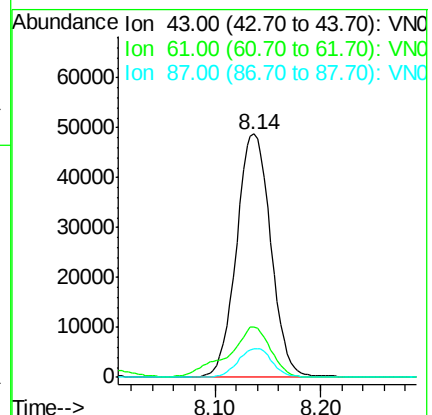
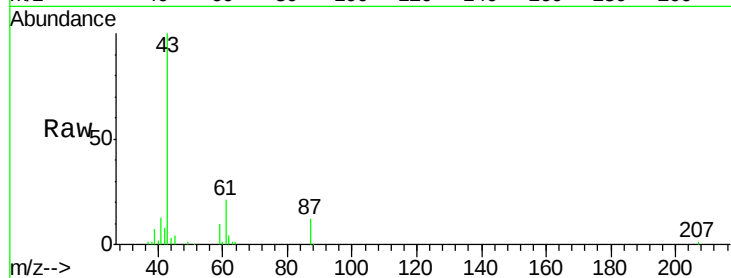
Tot Ion: 43 Resp: 110322

Ion Ratio Lower Upper

43 100

61 25.7 20.7 31.1

87 11.8 9.8 14.8



#44

Trichloroethene

Concen: 19.714 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060780.D

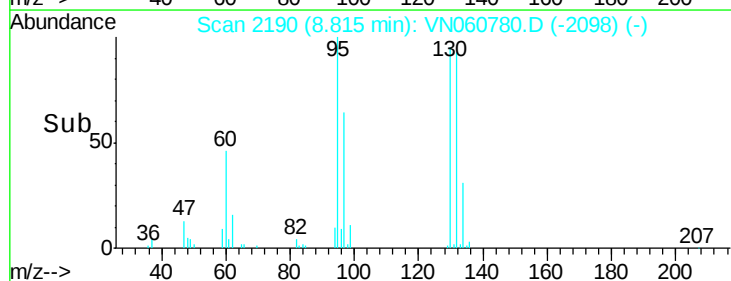
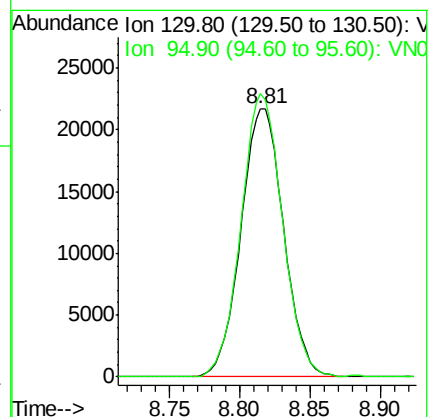
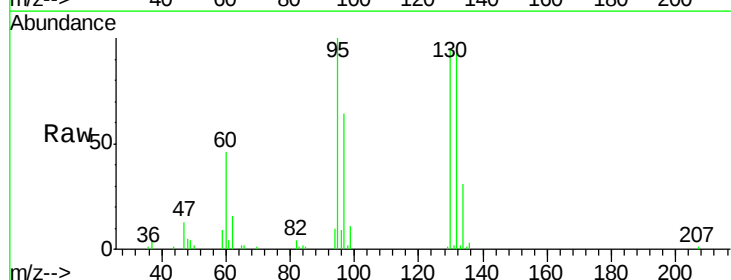
Acq: 31 Mar 2020 13:04

Tgt Ion:130 Resp: 45918

Ion Ratio Lower Upper

130 100

95 105.5 0.0 211.2





#45

1,2-Dichloropropane

Concen: 20.532 ug/l

RT: 9.10 min Scan# 2278

Delta R.T. -0.00 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_N

ClientSampled :

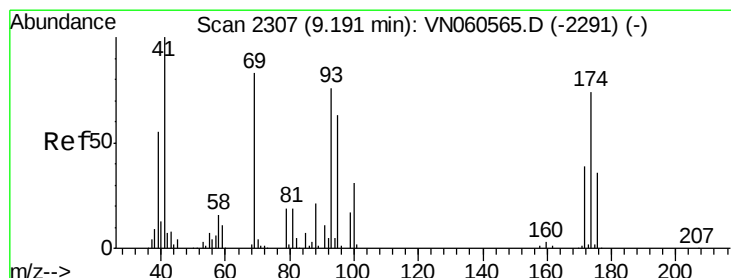
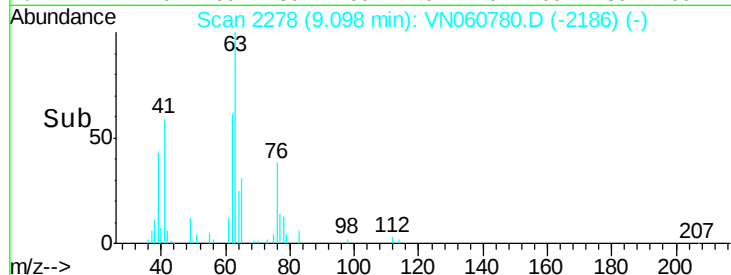
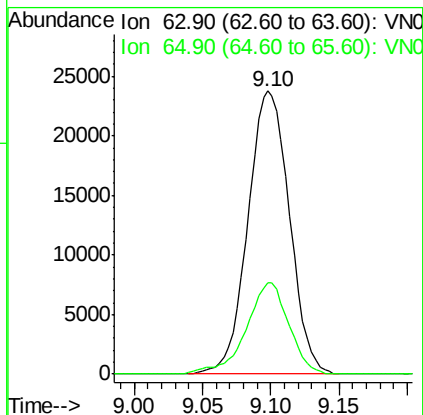
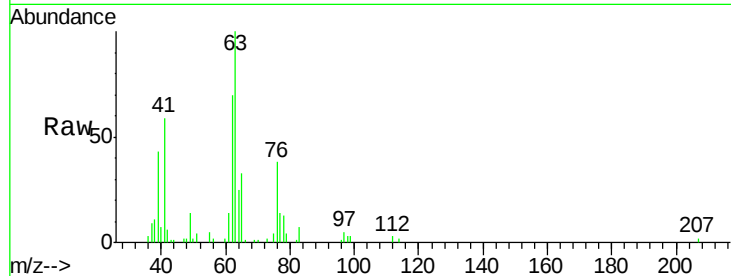
VN0331WBSD01

Tot Ion: 63 Resp: 50058

Ion Ratio Lower Upper

63 100

65 32.5 25.4 38.0



#46

Dibromomethane

Concen: 20.256 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

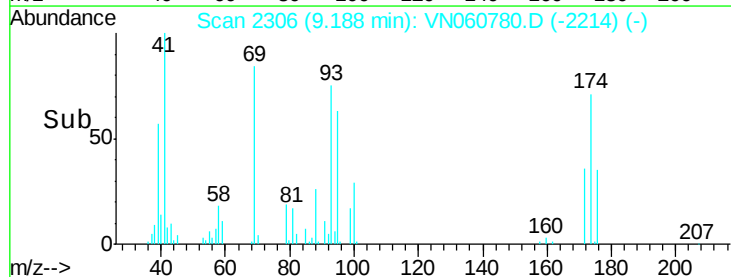
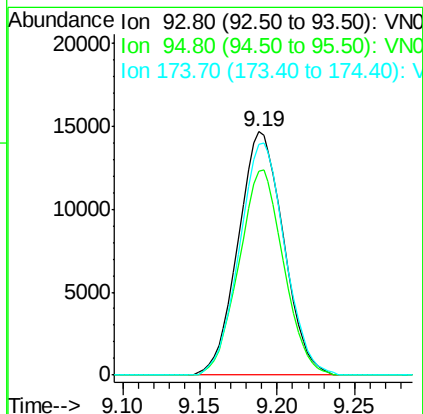
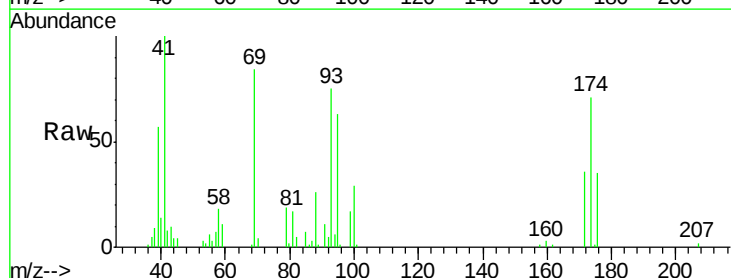
Tgt Ion: 93 Resp: 29857

Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

174 96.0 77.9 116.9





#47

Bromodichloromethane

Concen: 20.023 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD01

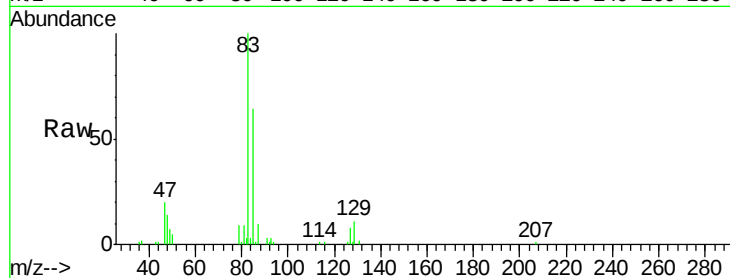
Tot Ion: 83 Resp: 61327

Ion Ratio Lower Upper

83 100

85 63.6 51.8 77.6

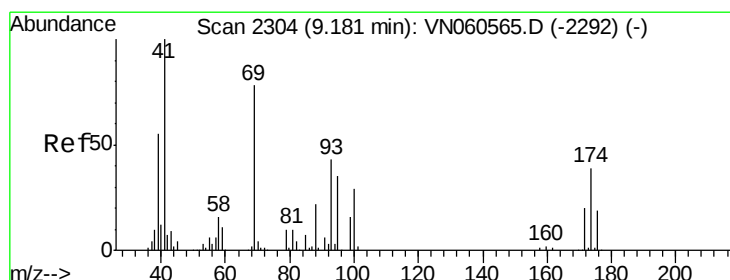
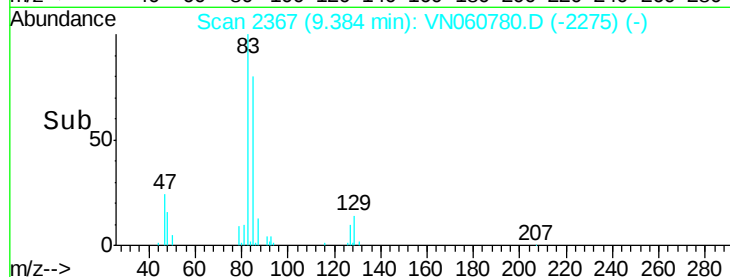
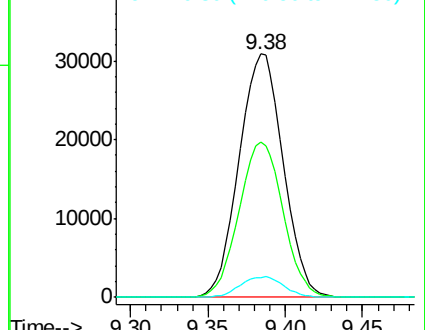
127 8.2 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060780.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060780.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060780.D (-2275) (-)



#48

Methyl methacrylate

Concen: 19.260 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

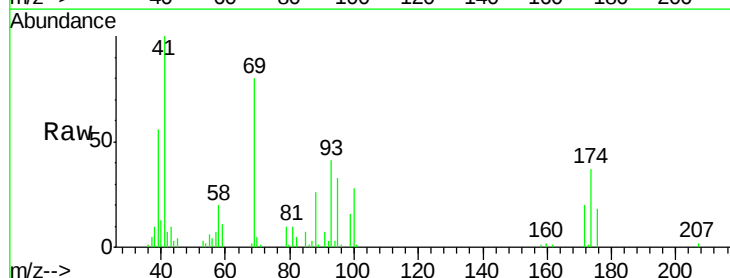
Tgt Ion: 41 Resp: 46771

Ion Ratio Lower Upper

41 100

69 83.2 65.4 98.0

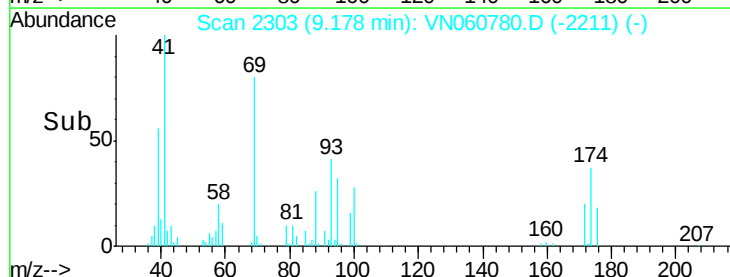
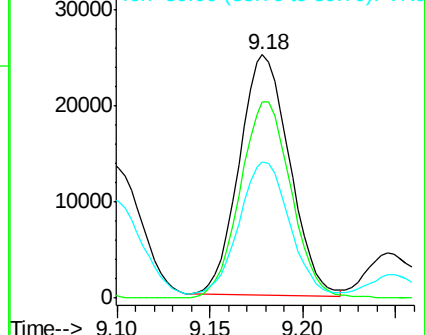
39 55.1 44.0 66.0

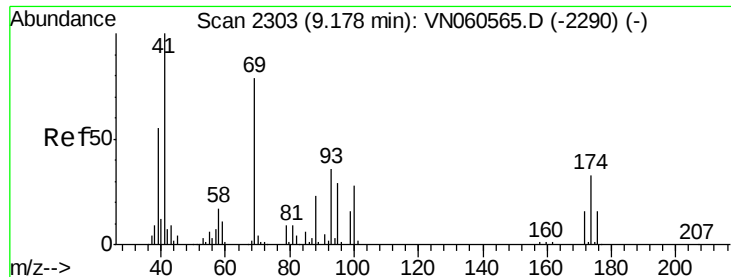


Abundance Ion 41.00 (40.70 to 41.70): VN060780.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060780.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060780.D (-2211) (-)

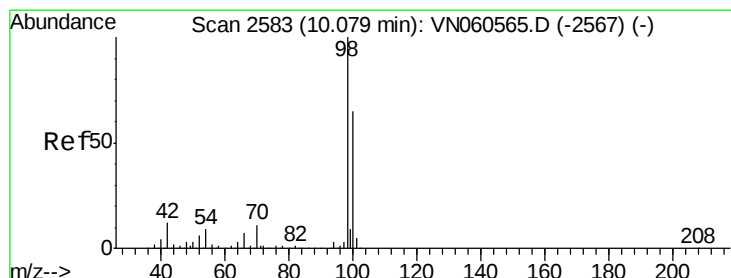
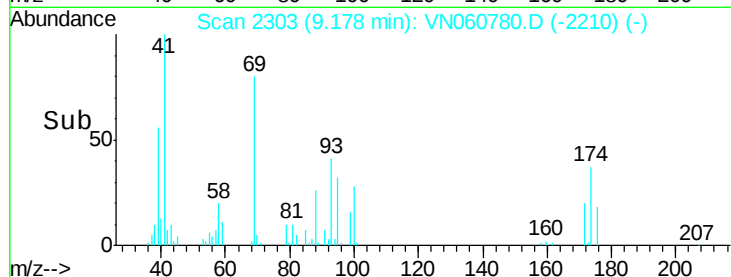
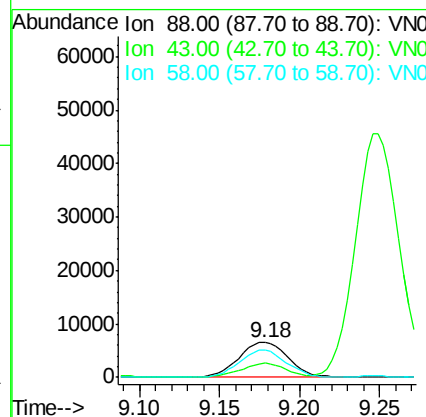
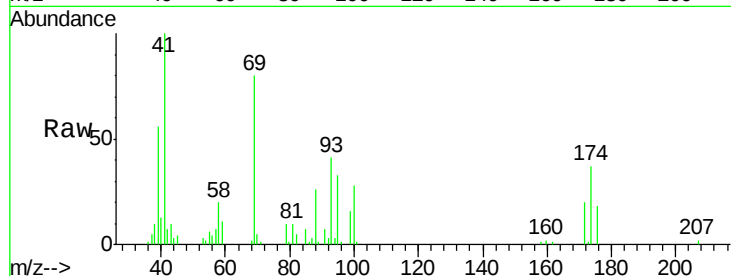




#49
1,4-Dioxane
Concen: 478.585 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

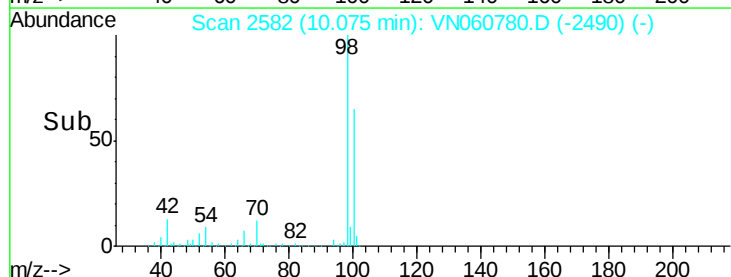
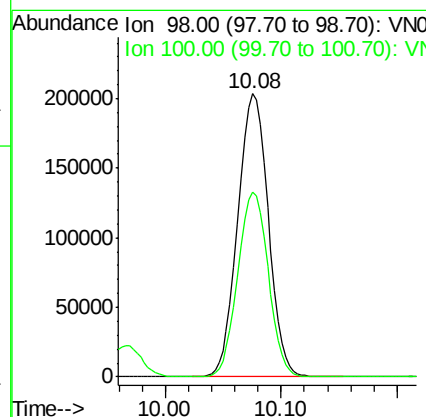
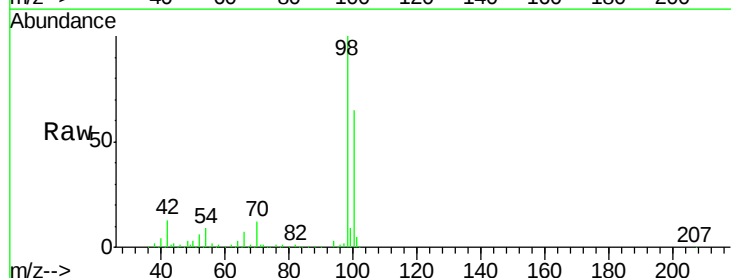
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

Tot Ion: 88 Resp: 13814
Ion Ratio Lower Upper
88 100
43 36.7 30.8 46.2
58 72.8 59.8 89.8



#50
Toluene-d8
Concen: 47.711 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

Tgt Ion: 98 Resp: 372481
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 103.088 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

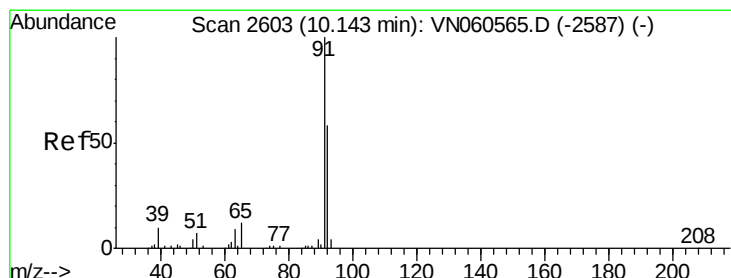
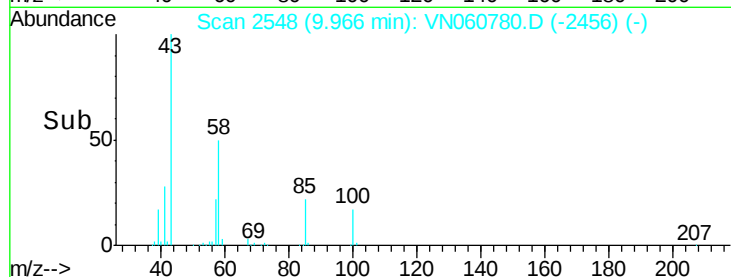
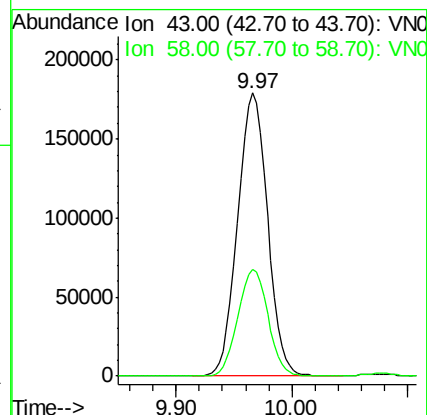
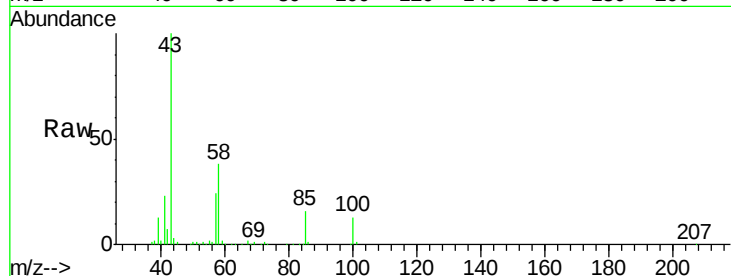
VN0331WBSD01

Tot Ion: 43 Resp: 319957

Ion Ratio Lower Upper

43 100

58 37.9 30.8 46.2



#52

Toluene

Concen: 19.761 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060780.D

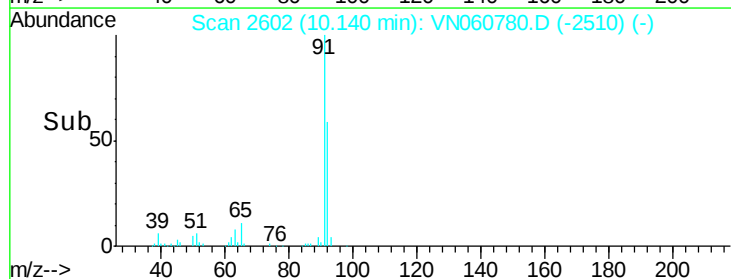
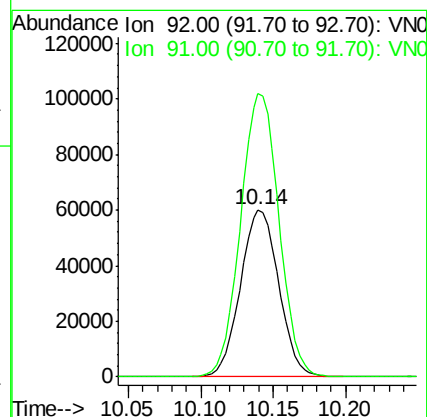
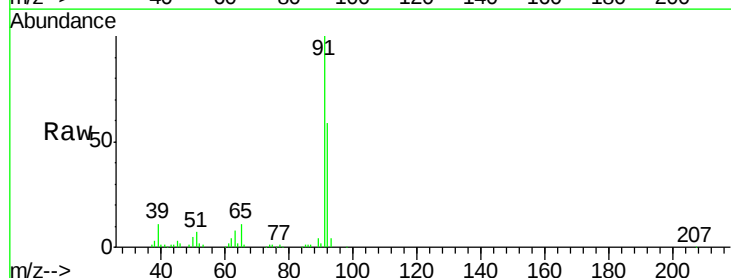
Acq: 31 Mar 2020 13:04

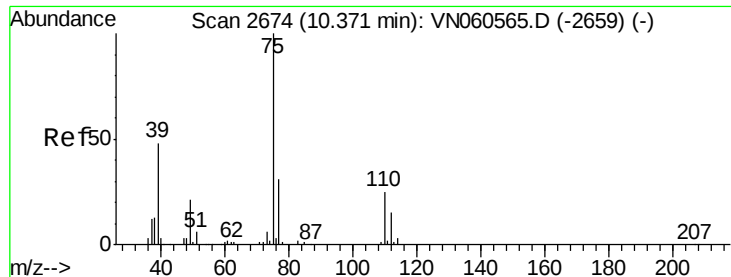
Tgt Ion: 92 Resp: 110270

Ion Ratio Lower Upper

92 100

91 170.5 137.6 206.4

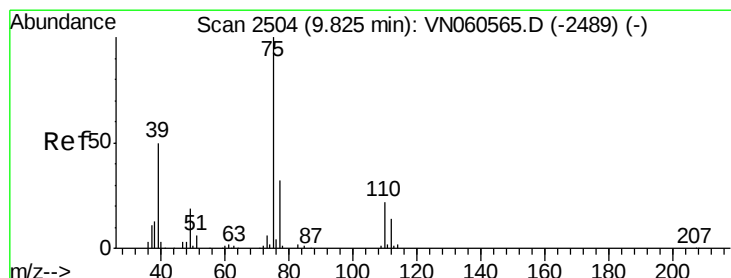
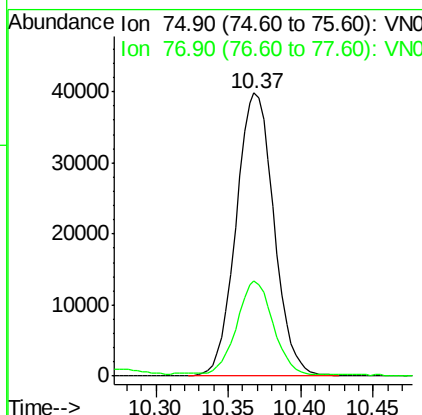
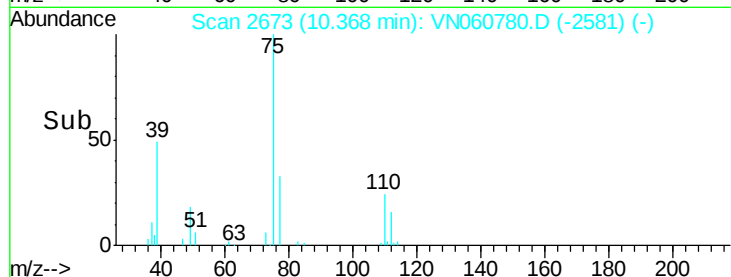
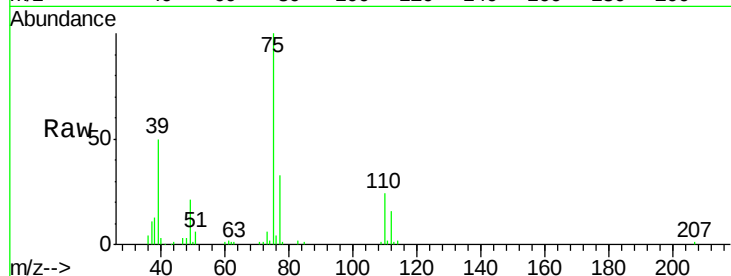




#53
 t-1,3-Dichloropropene
 Concen: 20.542 ug/l
 RT: 10.37 min Scan# 2673
 Delta R.T. -0.00 min
 Lab File: VN060780.D
 Acq: 31 Mar 2020 13:04

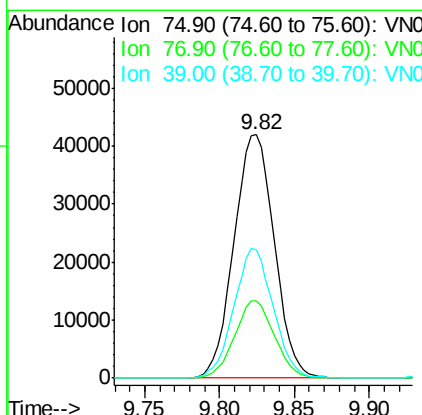
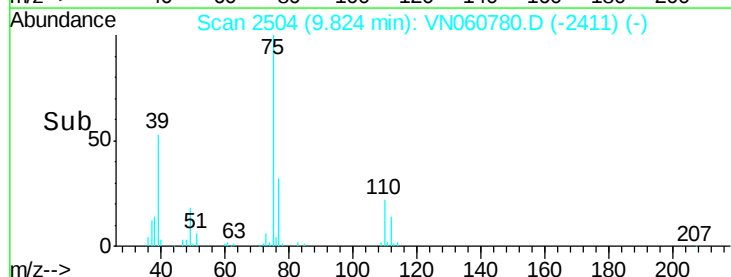
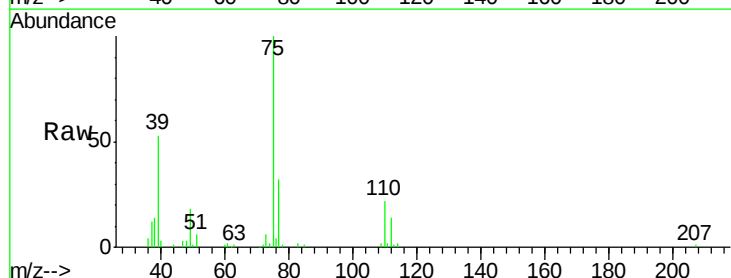
Instrument :
 MSVOA_N
 ClientSampled :
 VN0331WBSD01

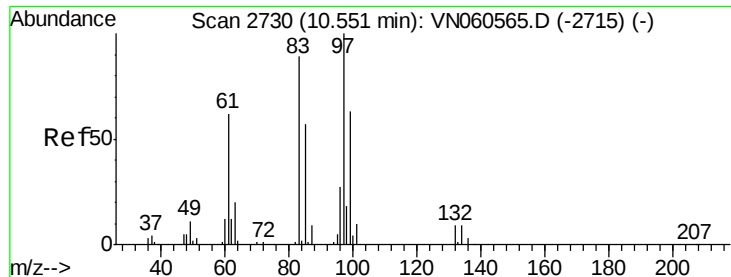
Tot Ion: 75 Resp: 72274
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.461 ug/l
 RT: 9.82 min Scan# 2504
 Delta R.T. -0.00 min
 Lab File: VN060780.D
 Acq: 31 Mar 2020 13:04

Tgt Ion: 75 Resp: 78972
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.0
 39 52.9 40.2 60.4

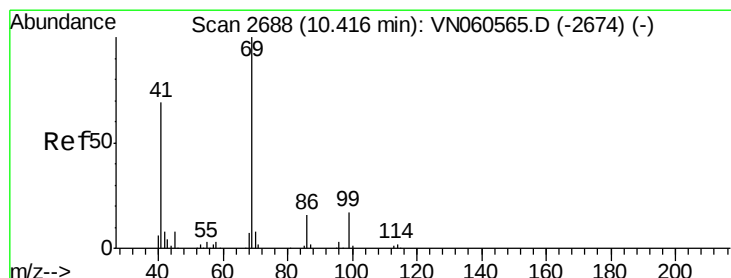
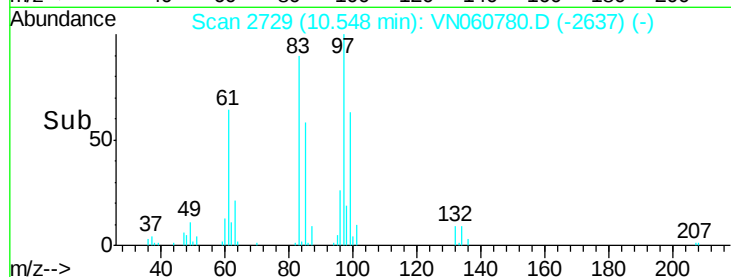
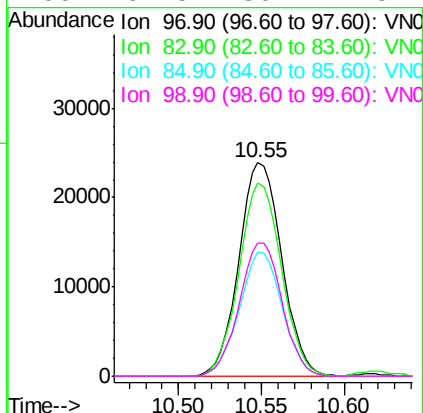
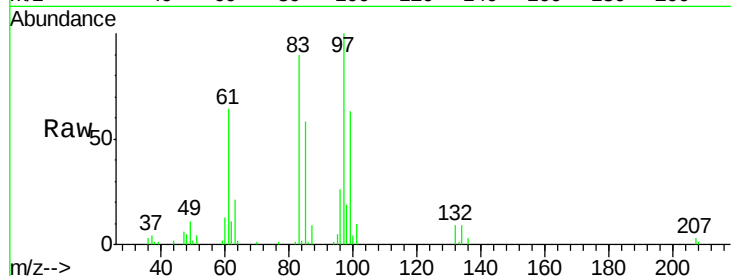




#55
 1,1,2-Trichloroethane
 Concen: 20.043 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: VN060780.D
 Acq: 31 Mar 2020 13:04

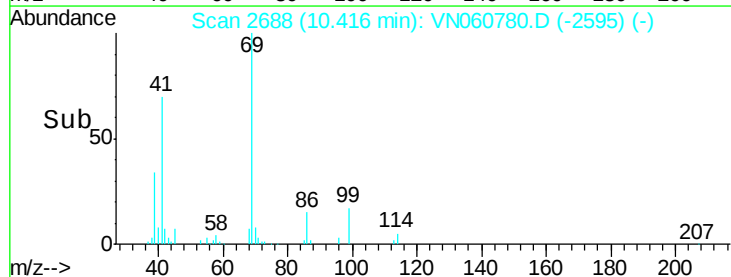
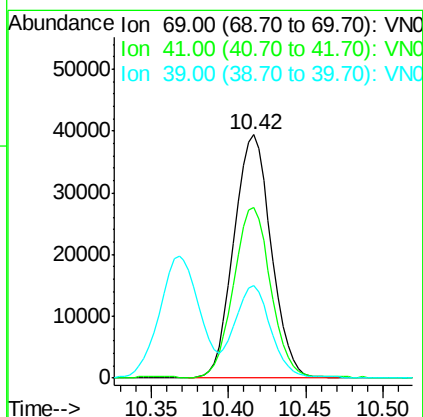
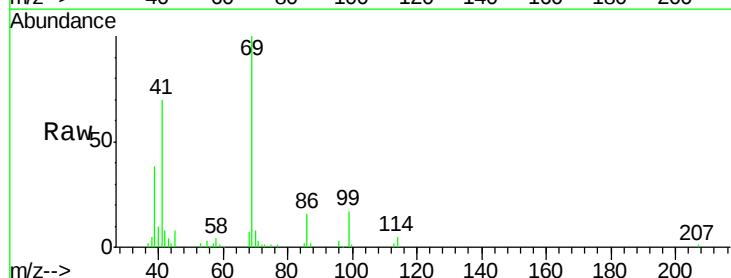
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBSD01

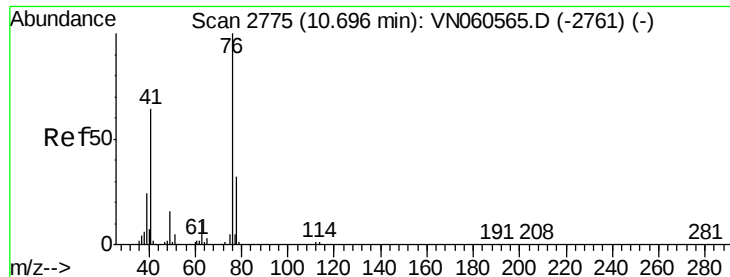
Tot Ion: 97 Resp: 43027
 Ion Ratio Lower Upper
 97 100
 83 90.4 71.3 106.9
 85 57.9 45.2 67.8
 99 62.5 50.1 75.1



#56
 Ethyl methacrylate
 Concen: 19.769 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060780.D
 Acq: 31 Mar 2020 13:04

Tgt Ion: 69 Resp: 66172
 Ion Ratio Lower Upper
 69 100
 41 70.0 55.4 83.2
 39 37.3 29.4 44.0





#57

1,3-Dichloropropane

Concen: 20.442 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

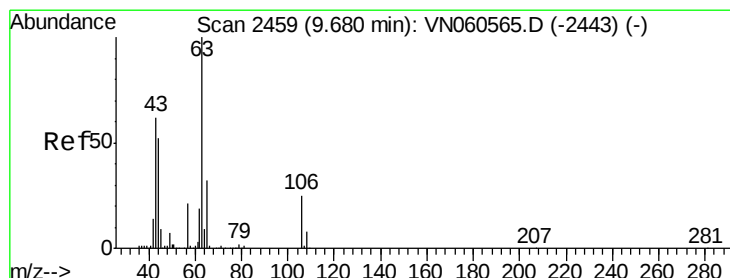
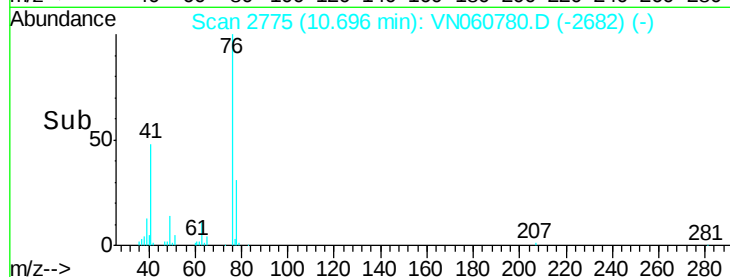
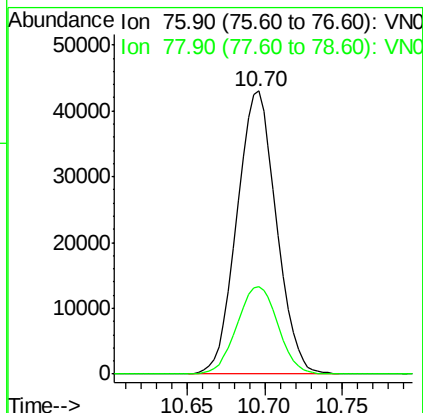
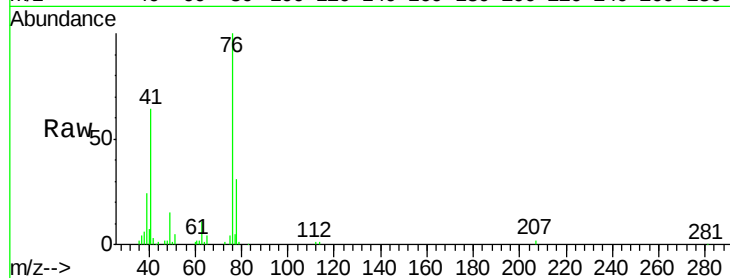
VN0331WBSD01

Tot Ion: 76 Resp: 76153

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 93.537 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN060780.D

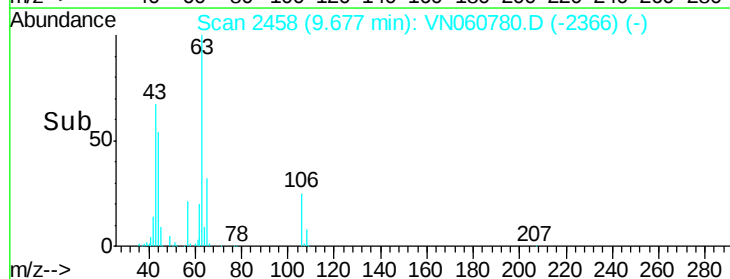
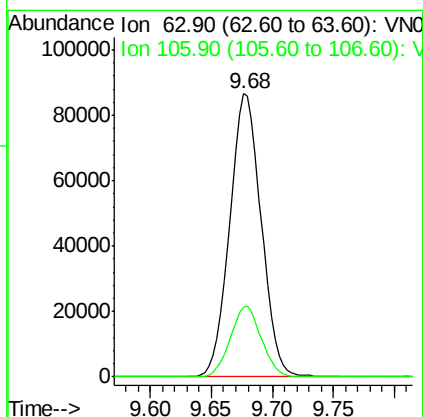
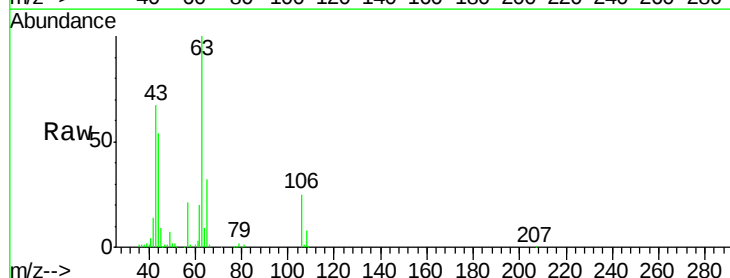
Acq: 31 Mar 2020 13:04

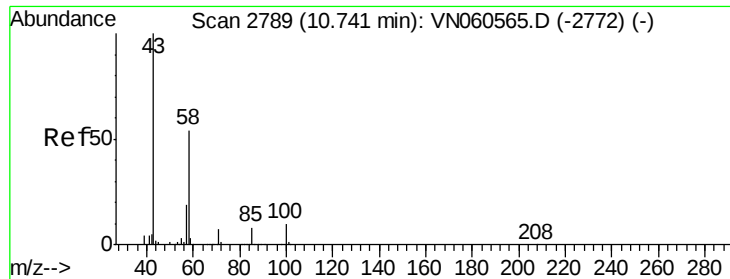
Tgt Ion: 63 Resp: 155613

Ion Ratio Lower Upper

63 100

106 24.6 20.0 30.0

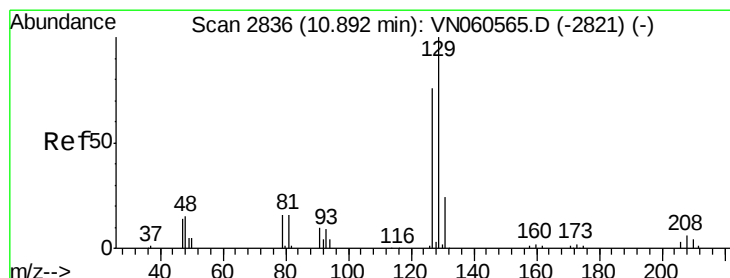
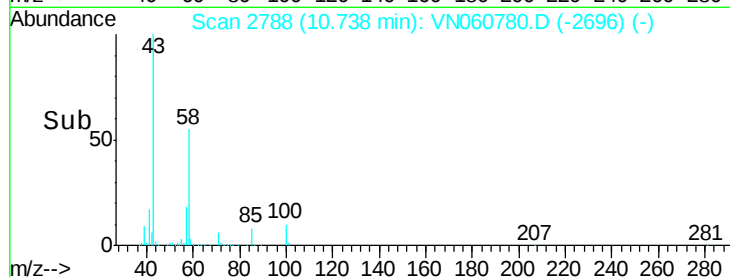
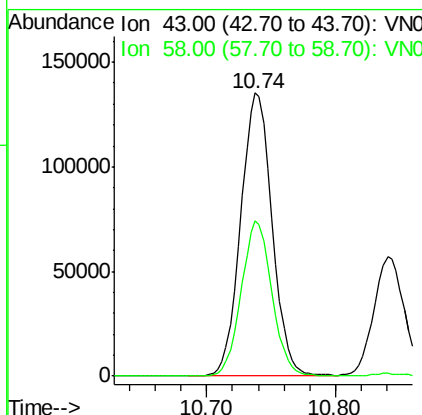
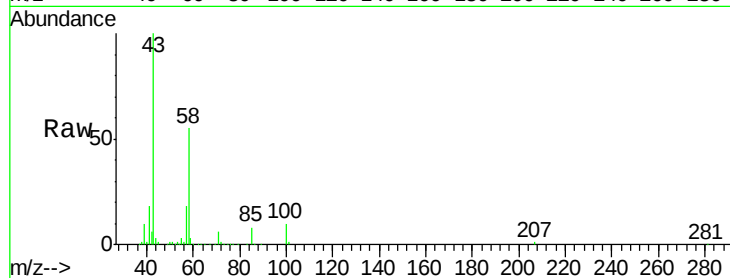




#59
2-Hexanone
Concen: 102.415 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

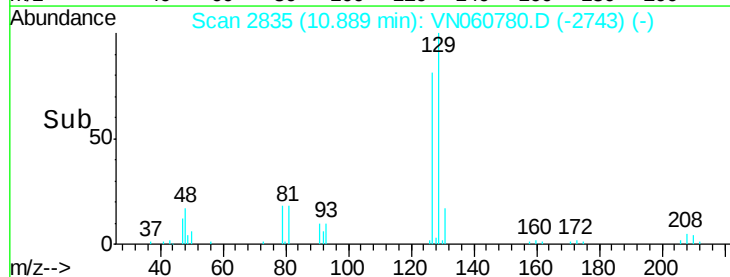
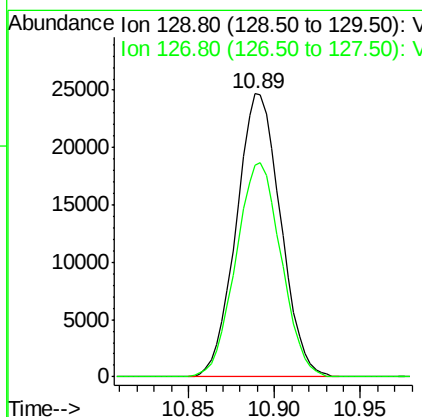
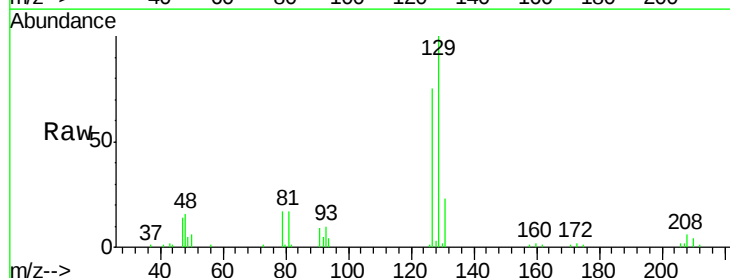
Instrument :
MSVOA_N
ClientSampled :
VN0331WBSD01

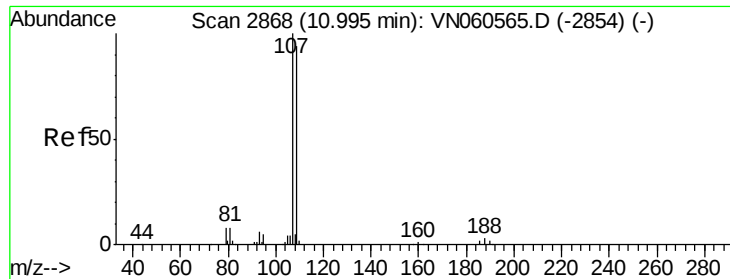
Tot Ion: 43 Resp: 228976
Ion Ratio Lower Upper
43 100
58 53.4 26.7 80.1



#60
Dibromochloromethane
Concen: 19.897 ug/l
RT: 10.89 min Scan# 2835
Delta R.T. -0.00 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

Tgt Ion: 129 Resp: 44122
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

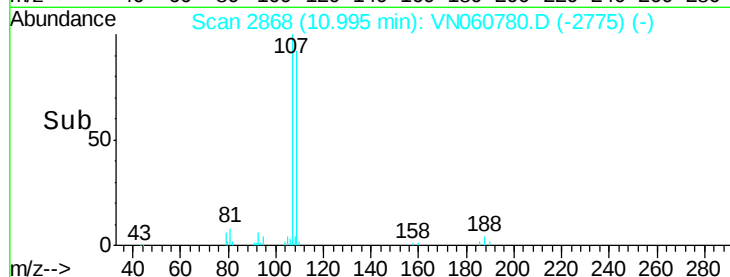
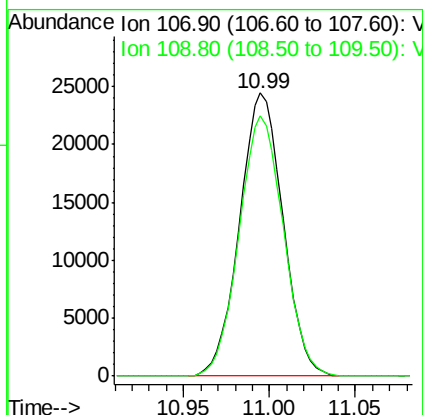
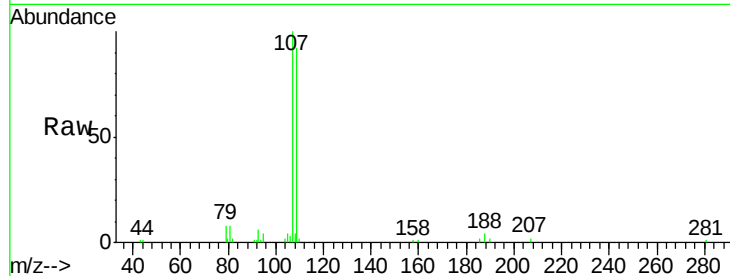




#61
 1,2-Dibromoethane
 Concen: 19.879 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060780.D
 Acq: 31 Mar 2020 13:04

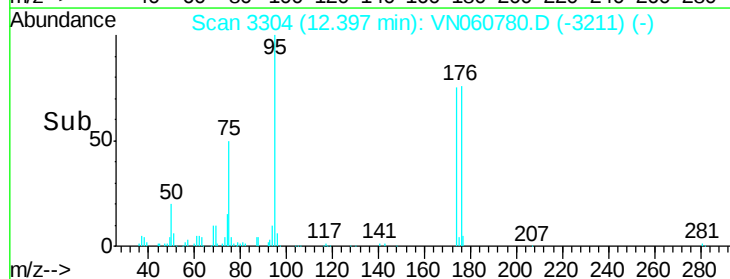
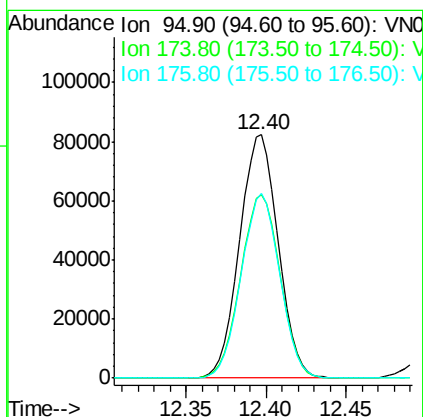
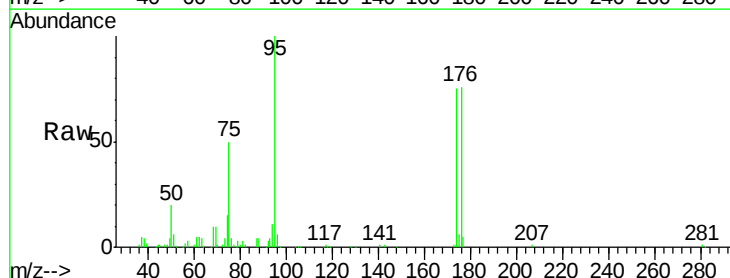
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBSD01

Tot Ion:107 Resp: 42912
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 47.451 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060780.D
 Acq: 31 Mar 2020 13:04

Tgt Ion: 95 Resp: 135766
 Ion Ratio Lower Upper
 95 100
 174 77.0 0.0 157.6
 176 75.8 0.0 150.6

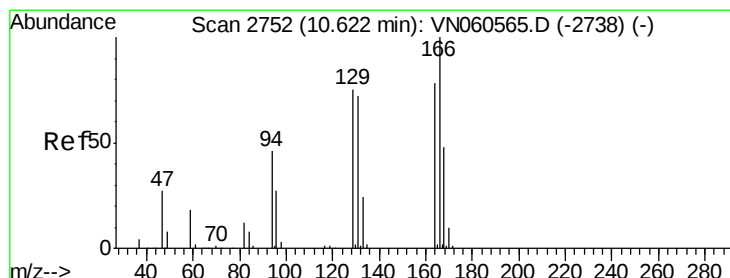
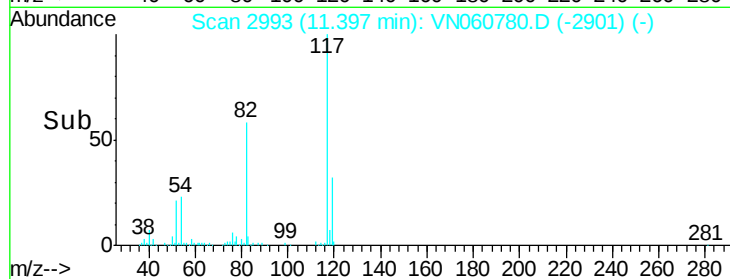
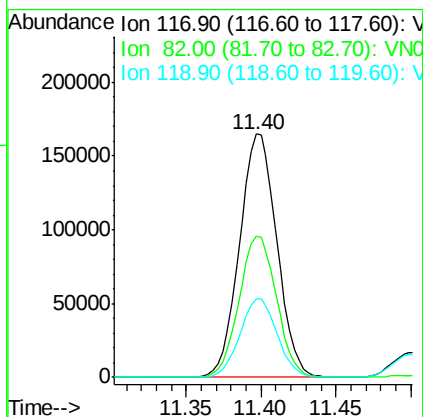
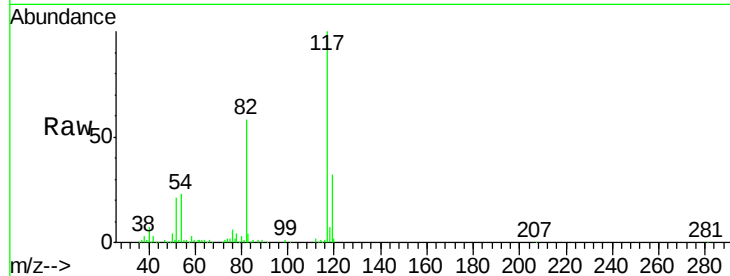




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

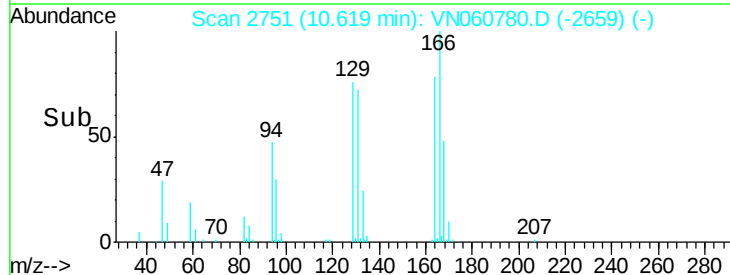
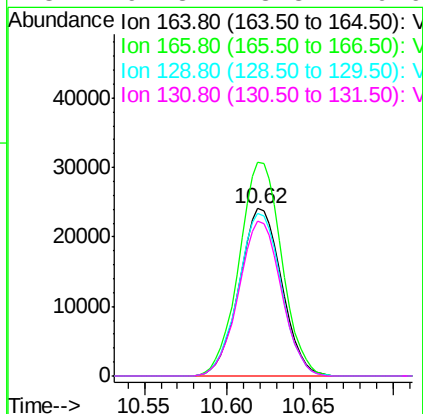
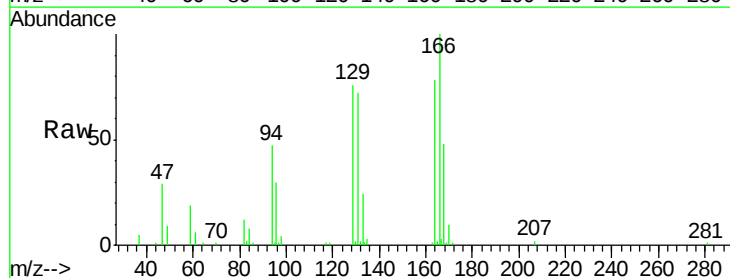
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

Tot Ion:117 Resp: 286425
Ion Ratio Lower Upper
117 100
82 58.2 46.7 70.1
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 19.085 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

Tgt Ion:164 Resp: 43016
Ion Ratio Lower Upper
164 100
166 127.6 102.7 154.1
129 96.9 77.2 115.8
131 92.3 73.8 110.6





#65

Chlorobenzene

Concen: 19.667 ug/l

RT: 11.42 min Scan# 3001

Delta R.T. -0.00 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_N

ClientSampled :

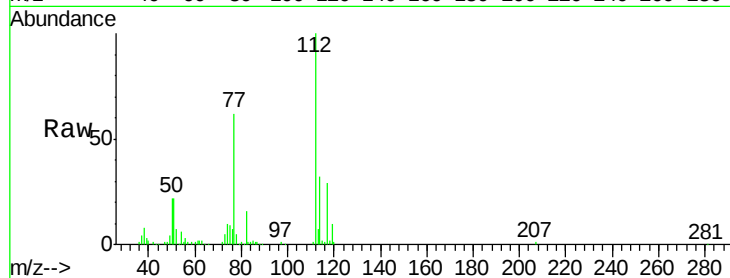
VN0331WBSD01

Tot Ion:112 Resp: 111669

Ion Ratio Lower Upper

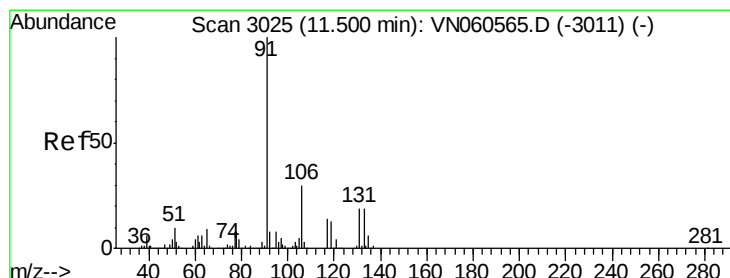
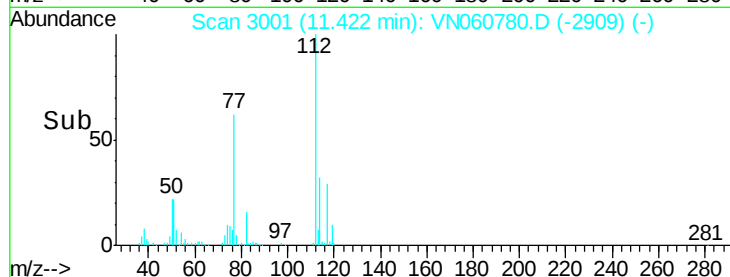
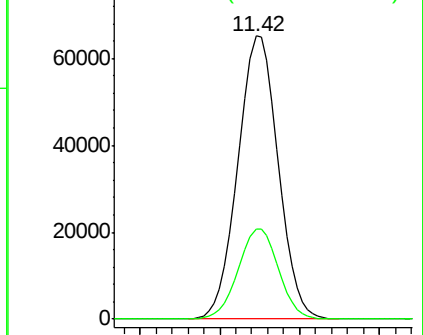
112 100

114 31.8 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.412 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

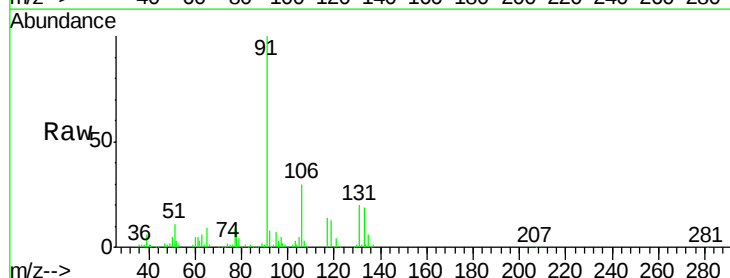
Tgt Ion:131 Resp: 41964

Ion Ratio Lower Upper

131 100

133 95.1 48.9 146.8

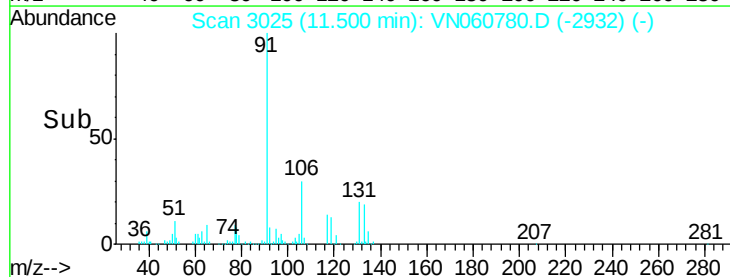
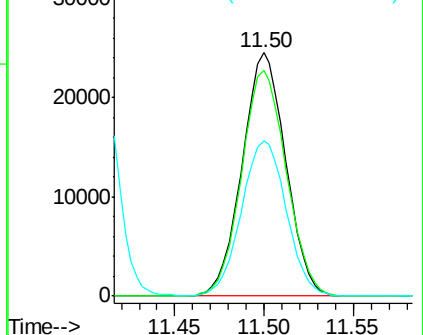
119 65.5 33.9 101.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.822 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

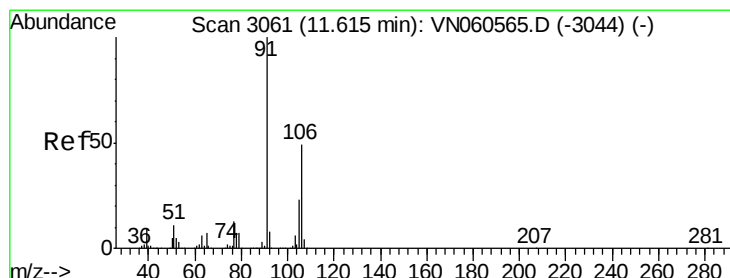
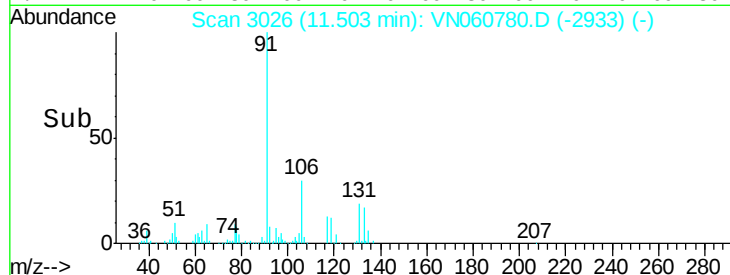
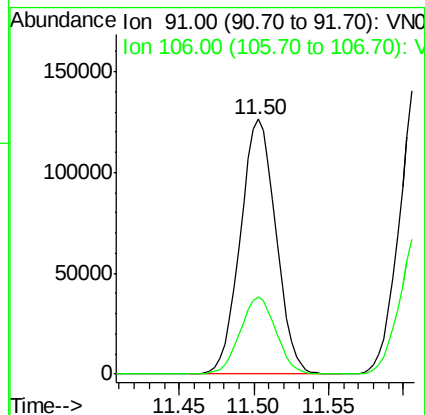
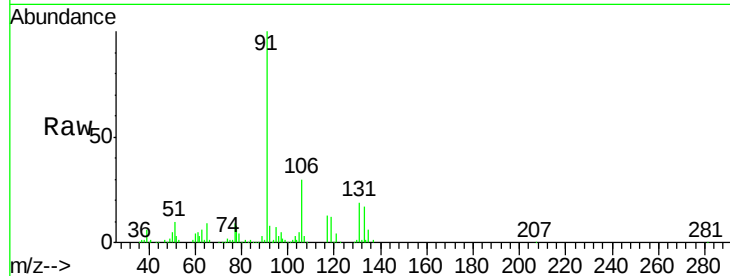
VN0331WBSD01

Tot Ion: 91 Resp: 209308

Ion Ratio Lower Upper

91 100

106 30.3 24.2 36.2



#68

m/p-Xylenes

Concen: 38.889 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060780.D

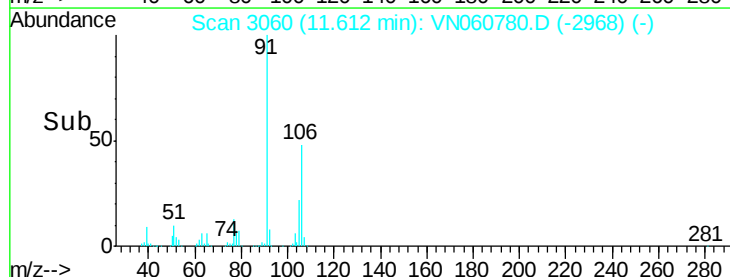
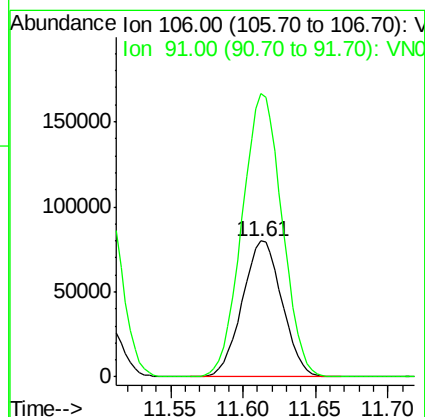
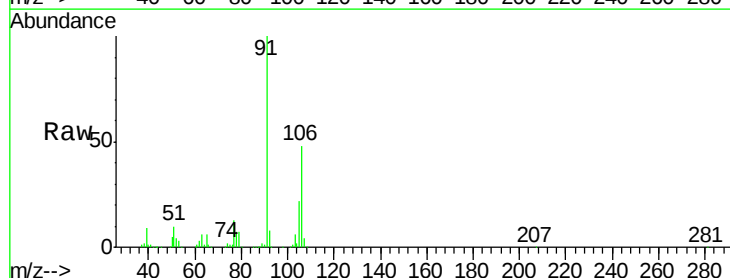
Acq: 31 Mar 2020 13:04

Tgt Ion: 106 Resp: 152597

Ion Ratio Lower Upper

106 100

91 209.5 165.0 247.4

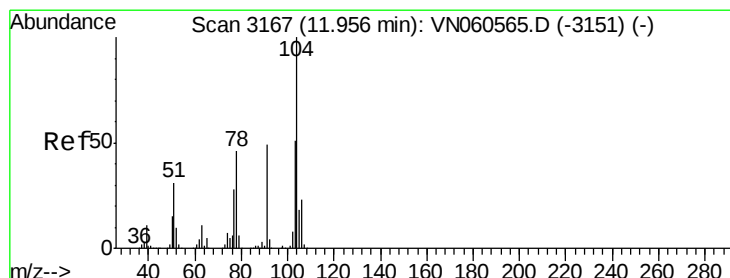
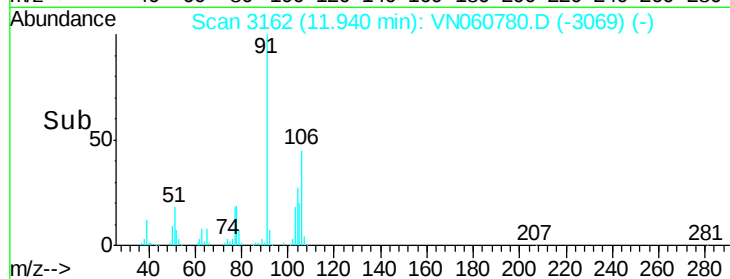
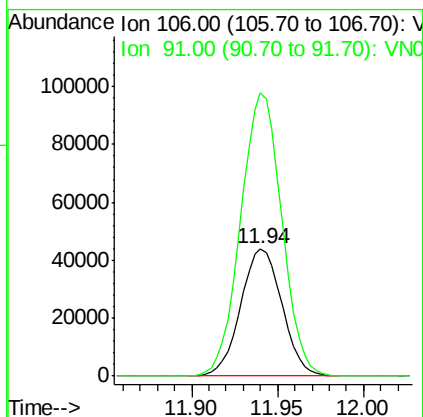
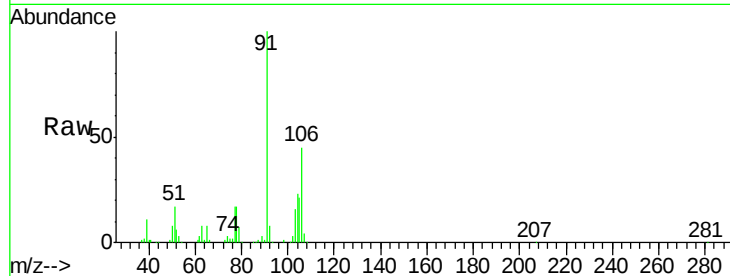




#69
o-Xylene
Concen: 19.616 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

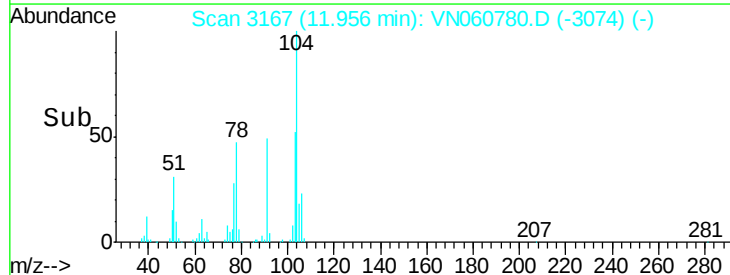
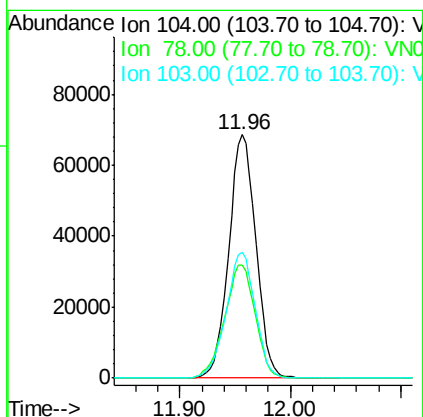
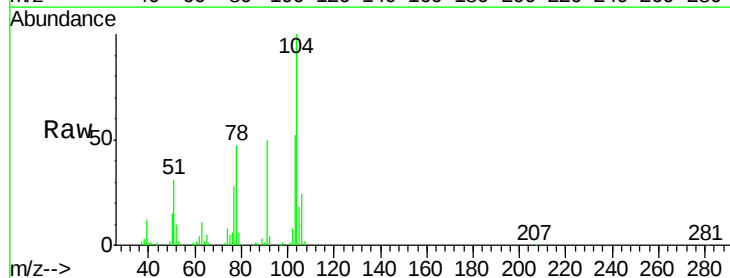
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

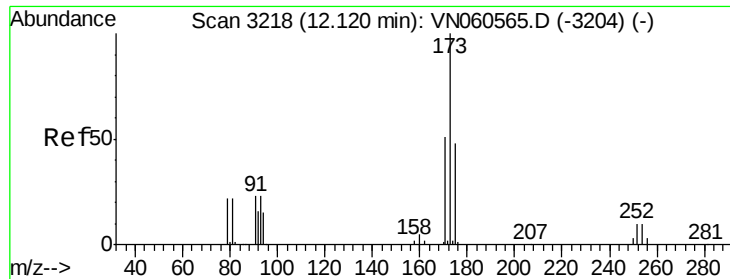
Tot Ion:106 Resp: 73478
Ion Ratio Lower Upper
106 100
91 221.2 109.5 328.4



#70
Styrene
Concen: 19.078 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

Tgt Ion:104 Resp: 116875
Ion Ratio Lower Upper
104 100
78 52.4 41.2 61.8
103 55.4 44.0 66.0

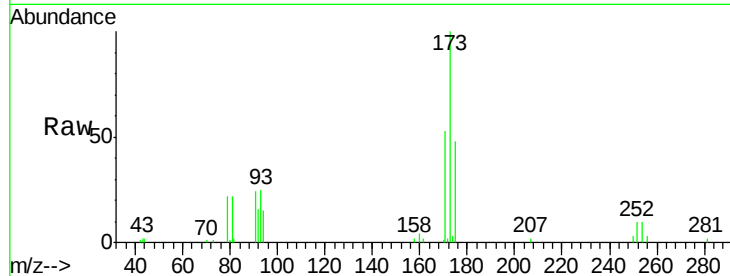




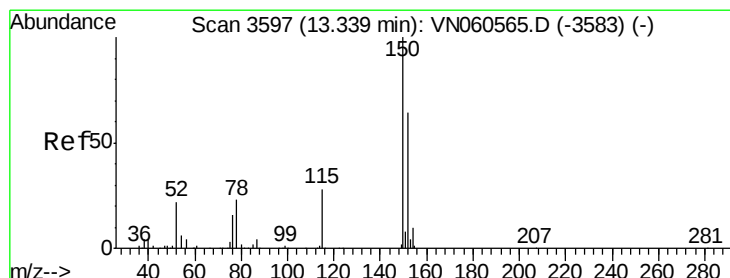
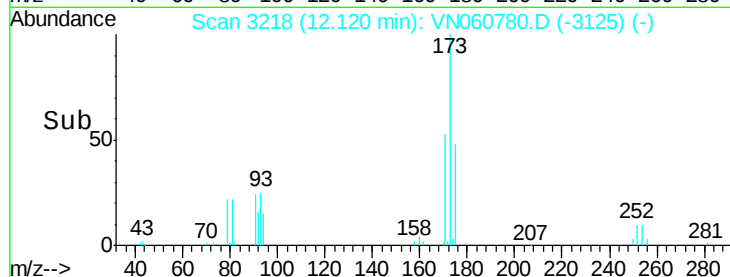
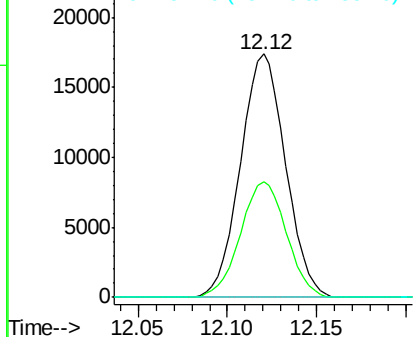
#71
Bromoform
Concen: 19.069 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

Tot Ion:173 Resp: 30745
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.4
254 0.0 0.0 0.0

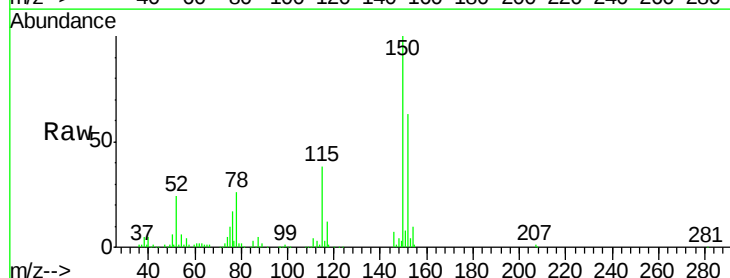


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

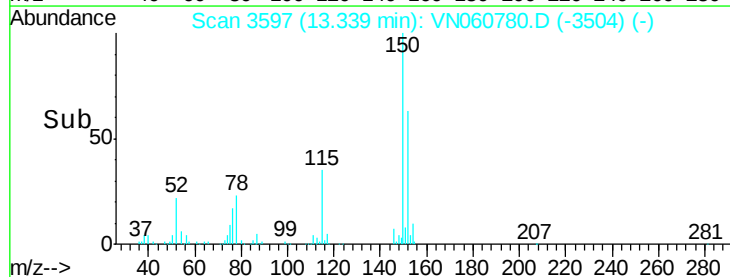
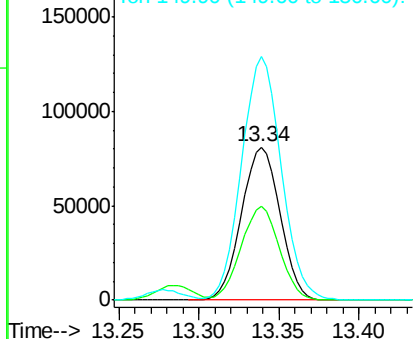


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

Tgt Ion:152 Resp: 133745
Ion Ratio Lower Upper
152 100
115 60.6 30.2 90.6
150 163.8 0.0 350.2



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





#73

Isopropylbenzene

Concen: 19.905 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_N

ClientSampled :

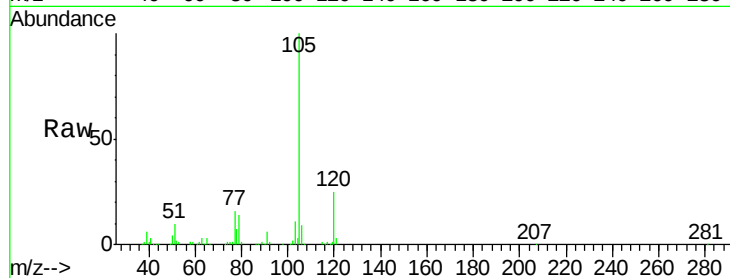
VN0331WBSD01

Tot Ion:105 Resp: 199784

Ion Ratio Lower Upper

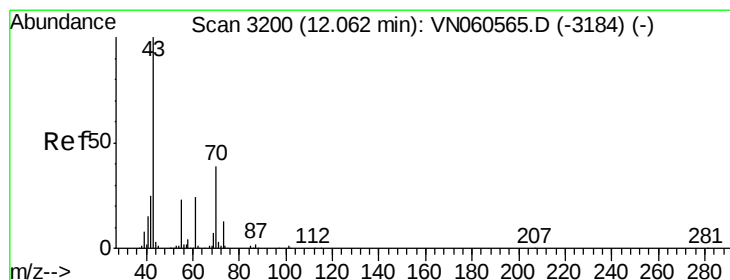
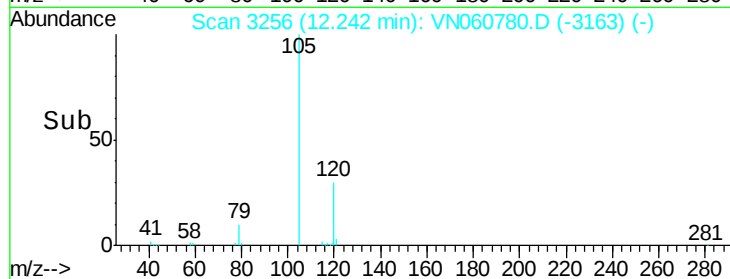
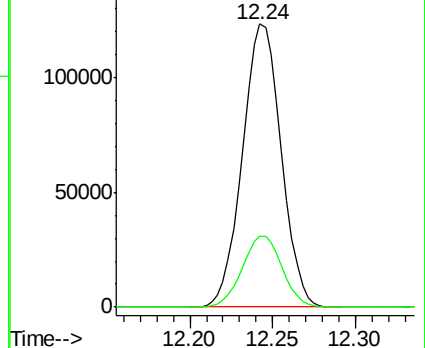
105 100

120 25.8 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.670 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

Tgt Ion: 43 Resp: 91228

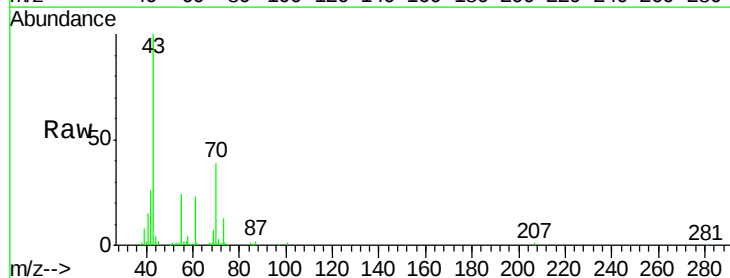
Ion Ratio Lower Upper

43 100

70 39.0 31.1 46.7

55 23.7 18.6 27.8

61 22.9 18.9 28.3

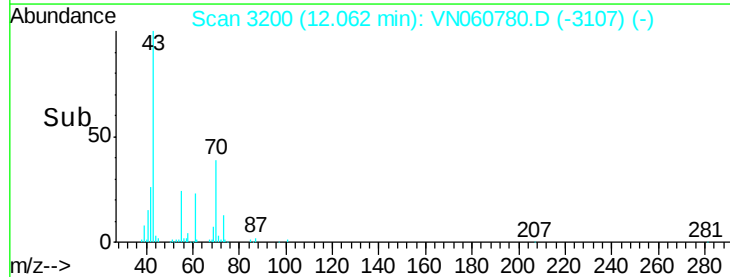
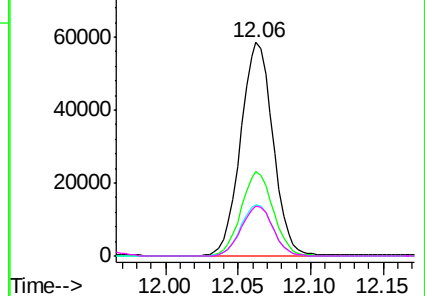


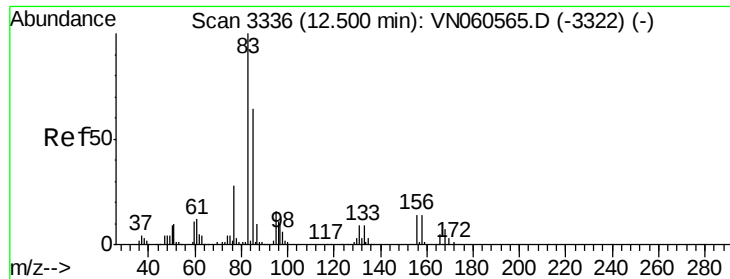
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.002 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD01

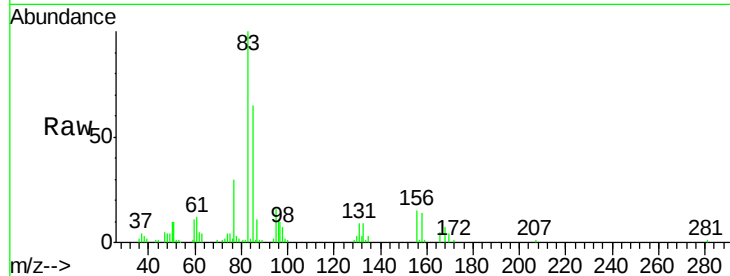
Tot Ion: 83 Resp: 60713

Ion Ratio Lower Upper

83 100

131 9.3 4.9 14.7

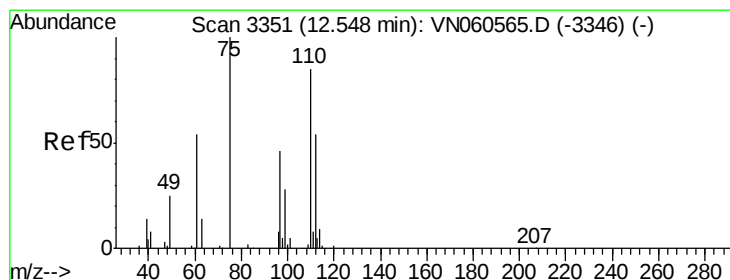
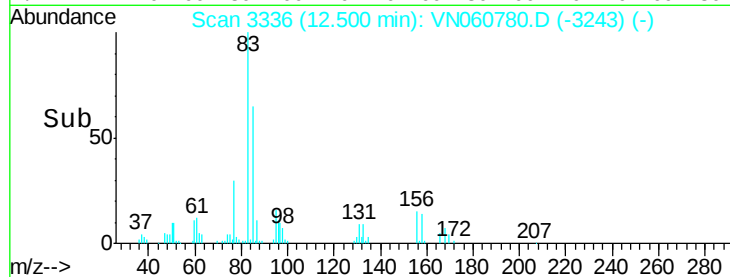
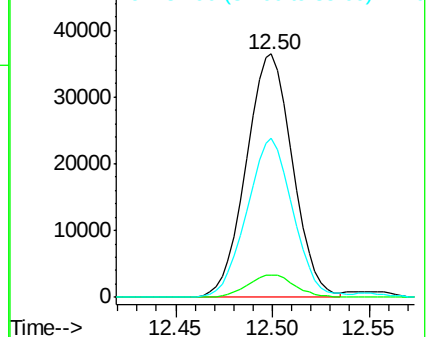
85 64.8 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060780.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060780.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060780.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 19.664 ug/l m

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060780.D

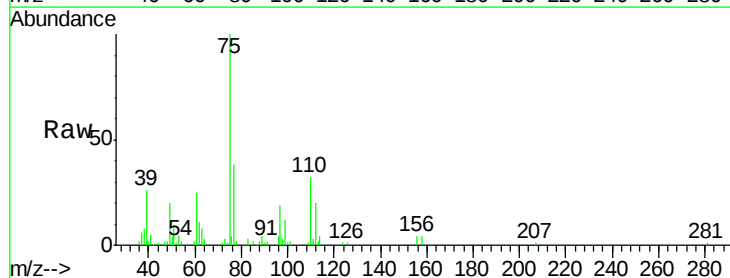
Acq: 31 Mar 2020 13:04

Tgt Ion: 75 Resp: 56748

Ion Ratio Lower Upper

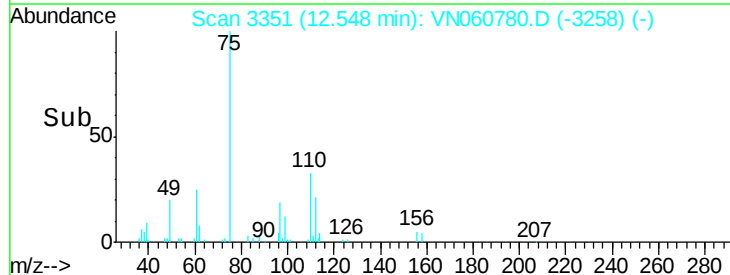
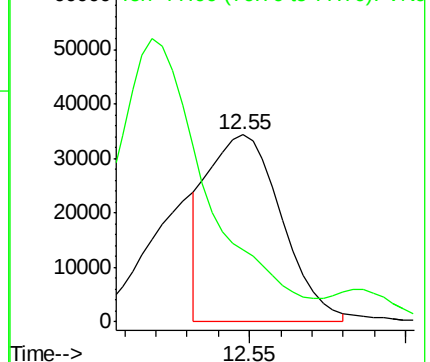
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060780.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060780.D (-3258) (-)





#77

Bromobenzene

Concen: 19.623 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD01

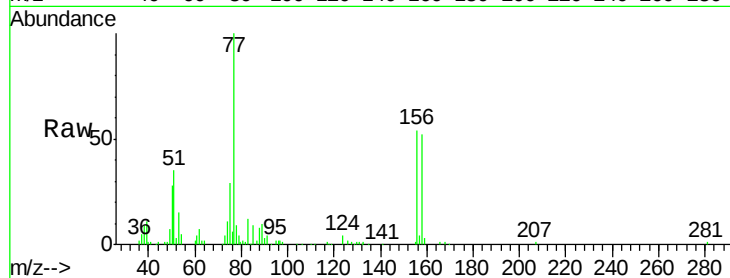
Tot Ion:156 Resp: 47460

Ion Ratio Lower Upper

156 100

77 225.3 112.3 337.0

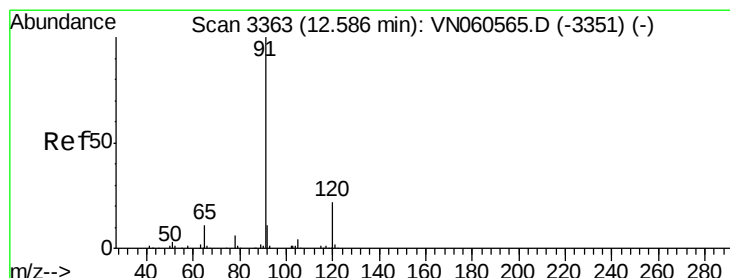
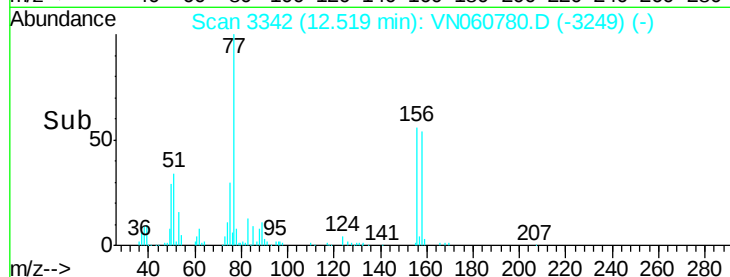
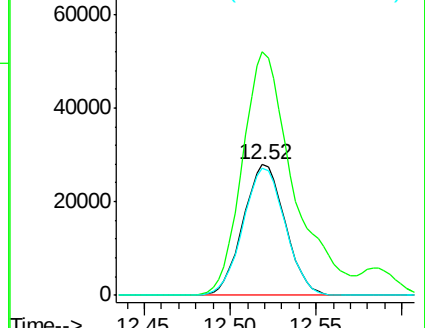
158 97.4 48.6 145.8



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: 19.594 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060780.D

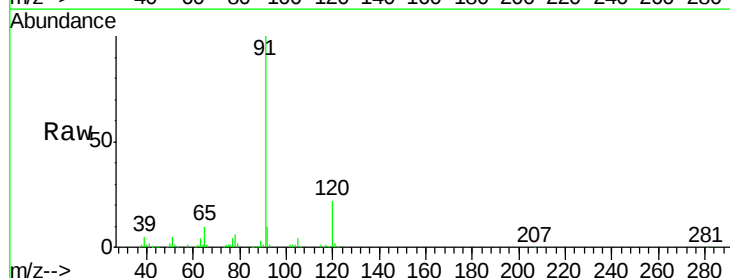
Acq: 31 Mar 2020 13:04

Tgt Ion: 91 Resp: 232343

Ion Ratio Lower Upper

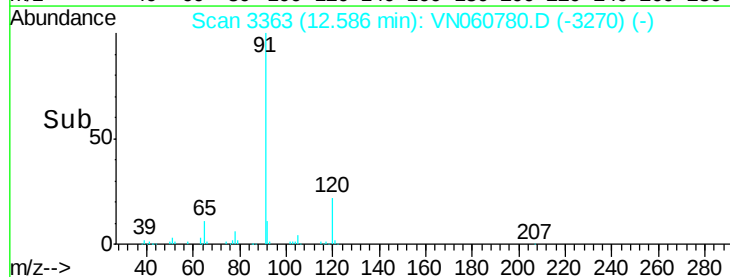
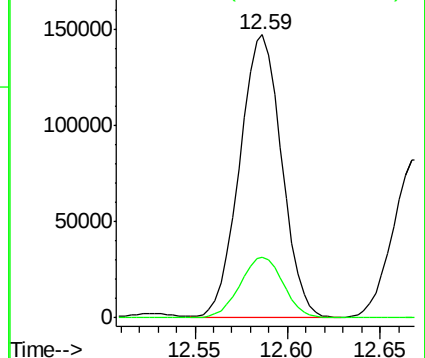
91 100

120 22.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.339 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

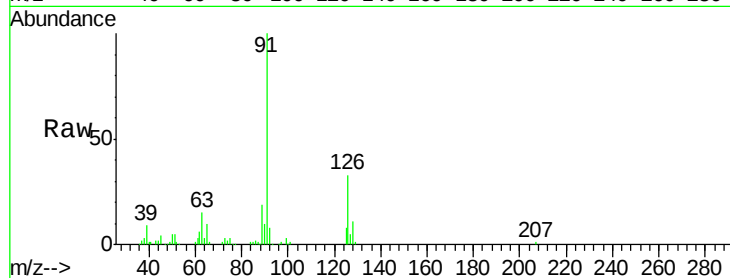
VN0331WBSD01

Tot Ion: 91 Resp: 137024

Ion Ratio Lower Upper

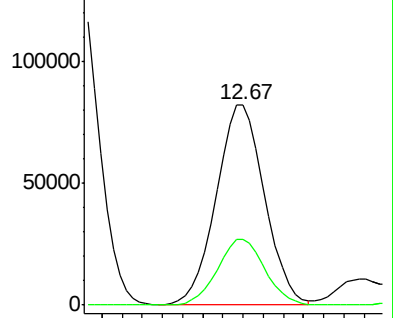
91 100

126 32.6 16.4 49.1

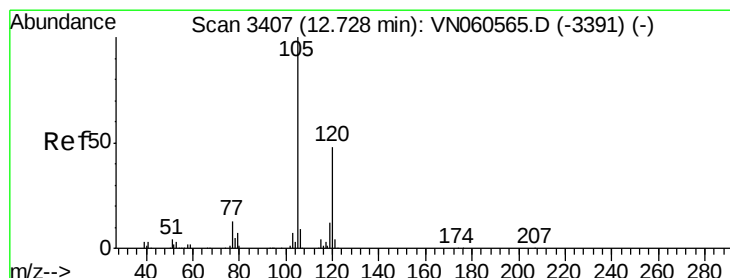
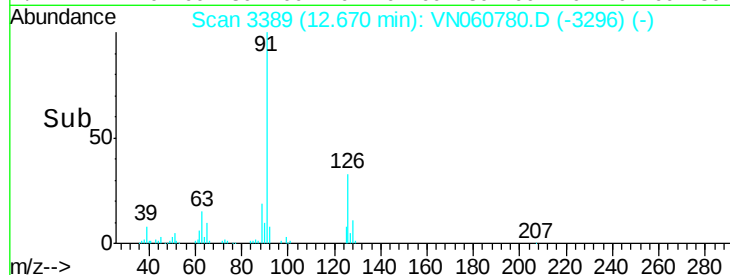


Abundance Ion 91.00 (90.70 to 91.70): VN060780.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN060780.D (-3376) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.551 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060780.D

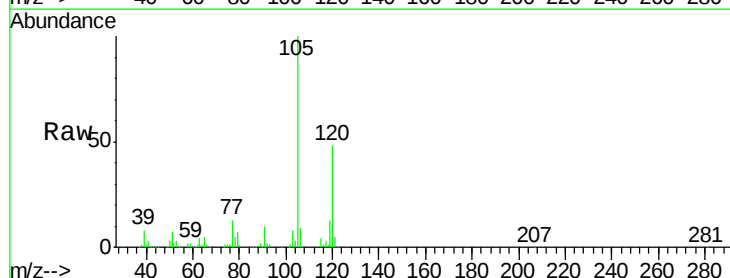
Acq: 31 Mar 2020 13:04

Tgt Ion:105 Resp: 166525

Ion Ratio Lower Upper

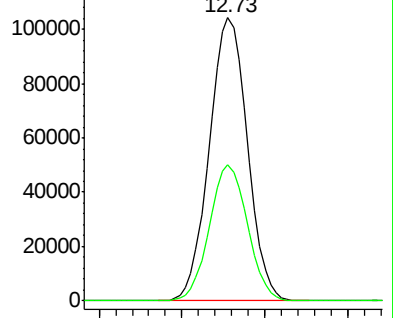
105 100

120 47.9 23.9 71.7

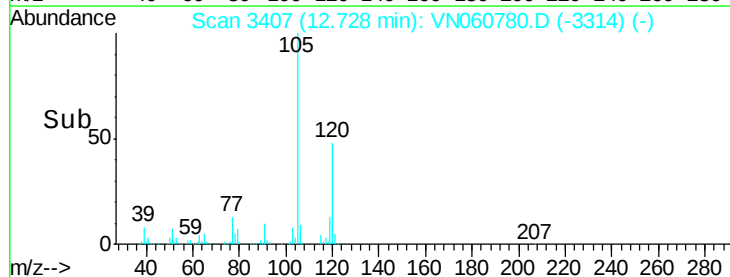


Abundance Ion 105.00 (104.70 to 105.70): VN060780.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN060780.D (-3391) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.740 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060780.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_N

ClientSampled :

VN0331WBSD01

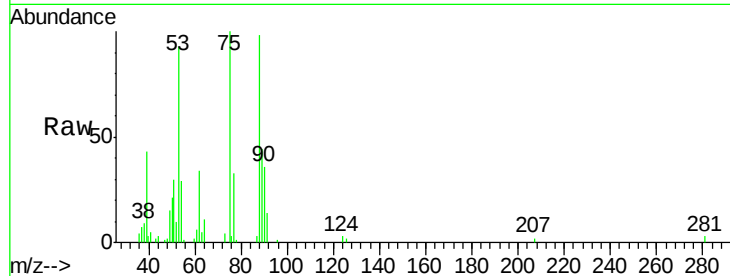
Tot Ion: 75 Resp: 22181

Ion Ratio Lower Upper

75 100

53 91.7 73.0 109.4

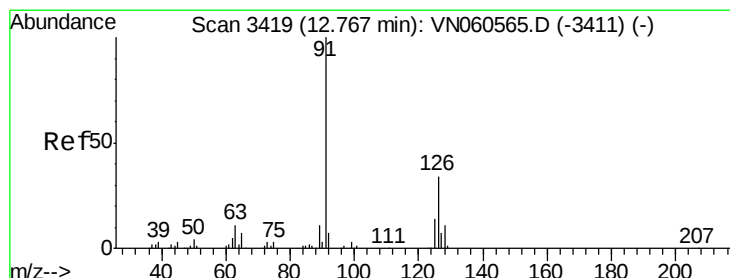
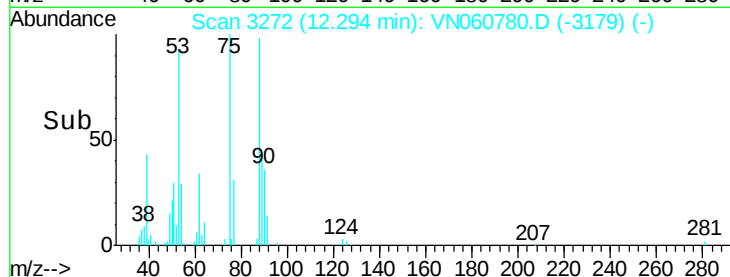
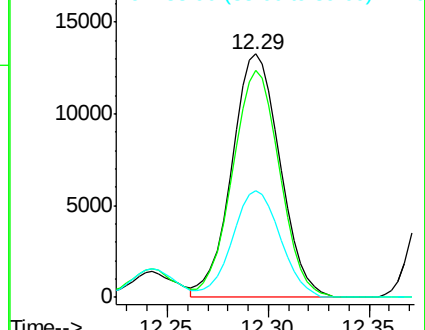
89 43.6 34.8 52.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.573 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN060780.D

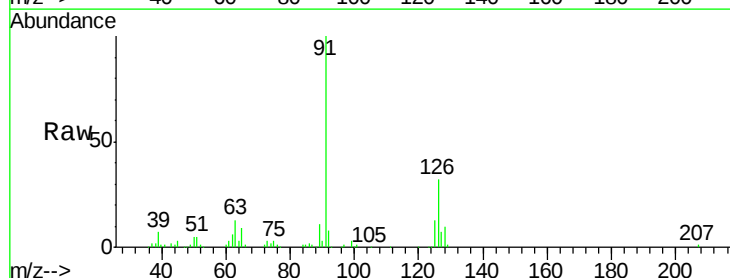
Acq: 31 Mar 2020 13:04

Tgt Ion: 91 Resp: 141246

Ion Ratio Lower Upper

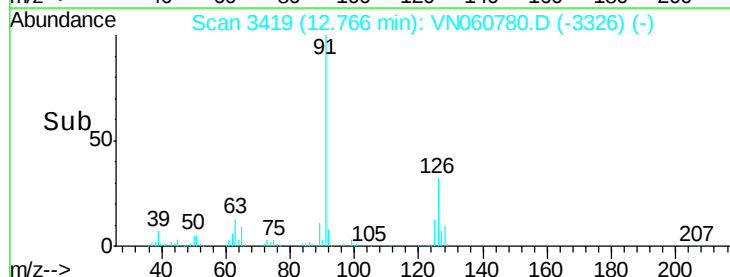
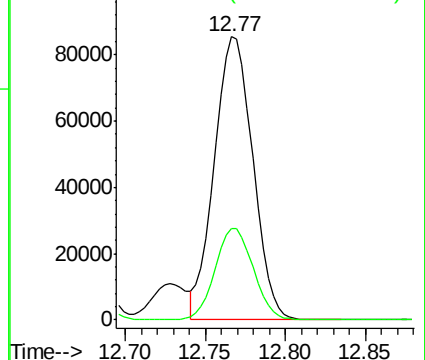
91 100

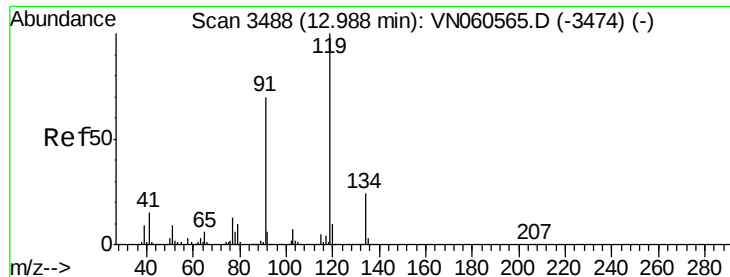
126 32.0 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

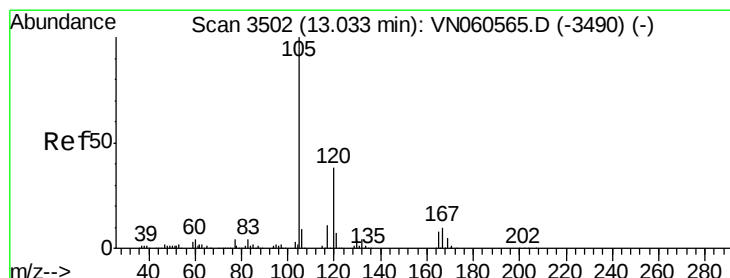
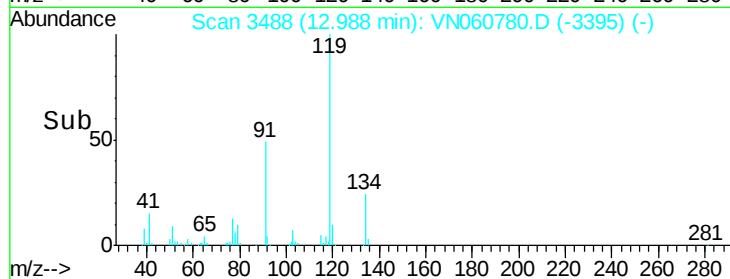
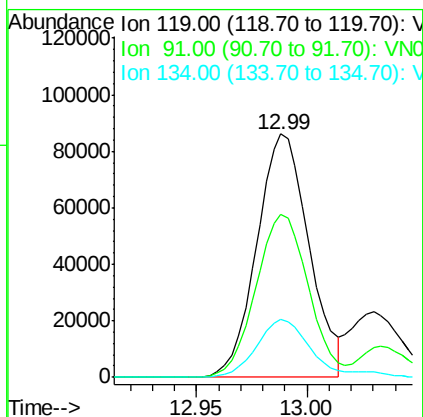
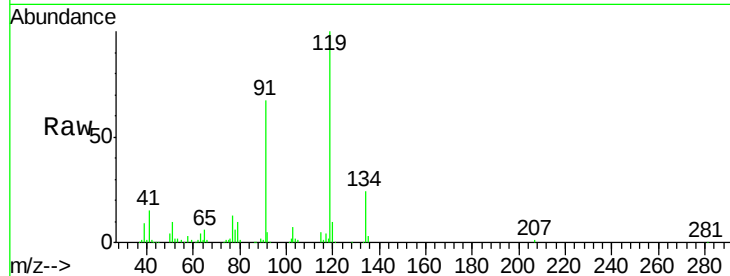




#83
tert-Butylbenzene
Concen: 20.008 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. -0.00 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

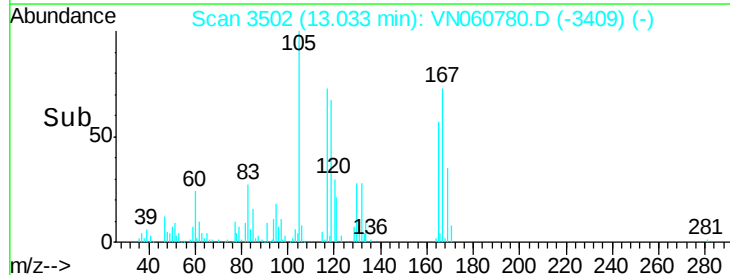
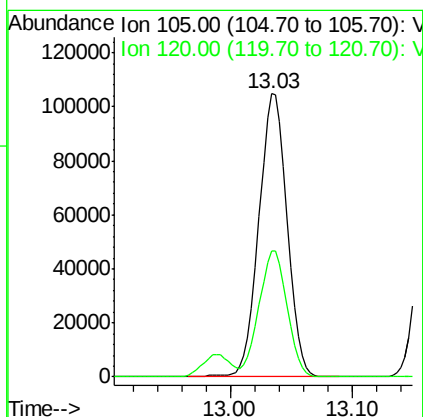
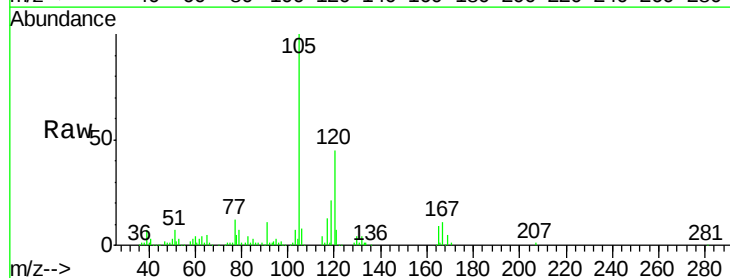
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

Tot Ion:119 Resp: 141271
Ion Ratio Lower Upper
119 100
91 67.3 34.0 101.8
134 23.9 12.7 38.0



#84
1,2,4-Trimethylbenzene
Concen: 19.912 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. -0.00 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

Tgt Ion:105 Resp: 167788
Ion Ratio Lower Upper
105 100
120 44.4 22.1 66.5

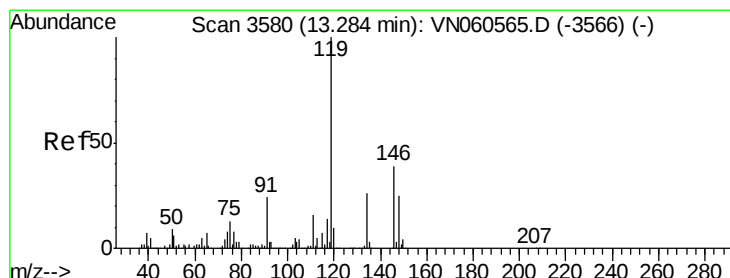
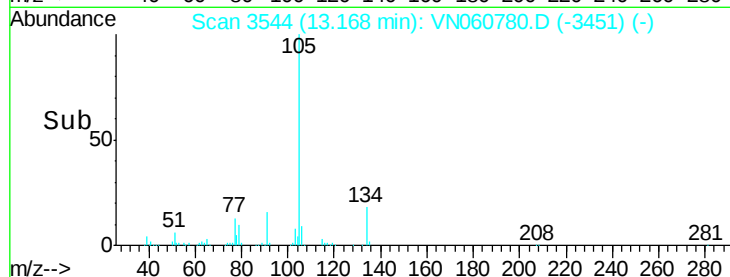
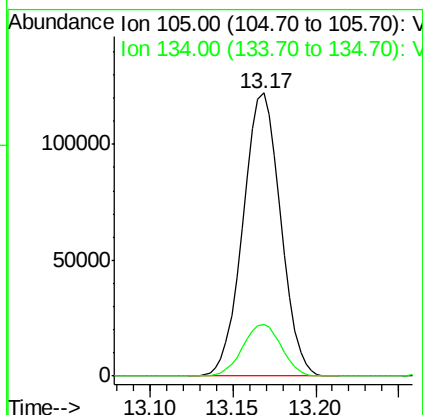
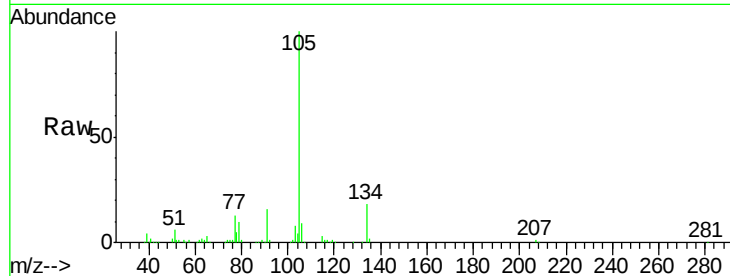




#85
 sec-Butylbenzene
 Concen: 20.362 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN060780.D
 Acq: 31 Mar 2020 13:04

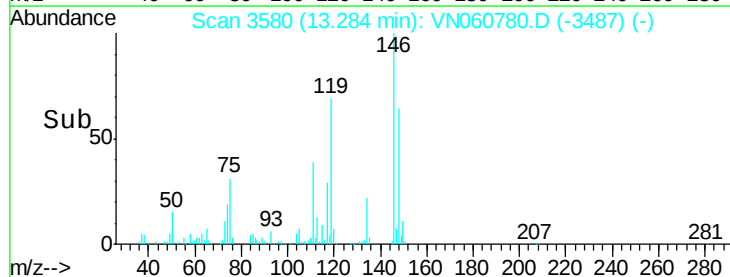
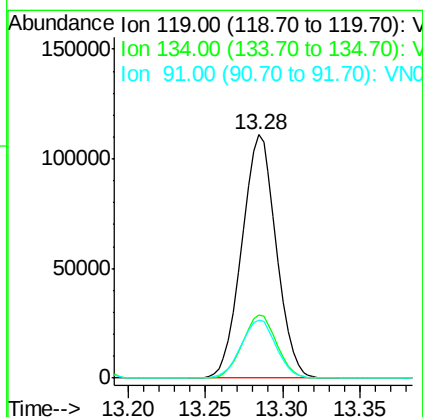
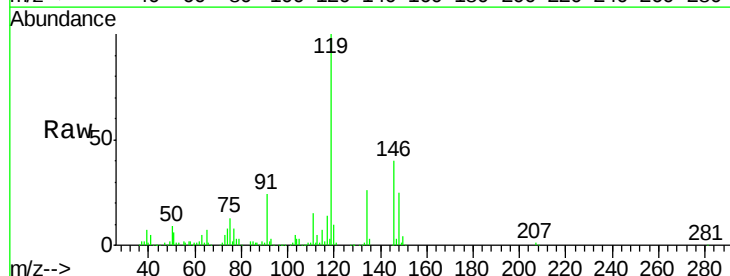
Instrument :
 MSVOA_N
 ClientSampled :
 VN0331WBSD01

Tot Ion:105 Resp: 193335
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 20.102 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN060780.D
 Acq: 31 Mar 2020 13:04

Tgt Ion:119 Resp: 171628
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 24.3 12.0 36.0

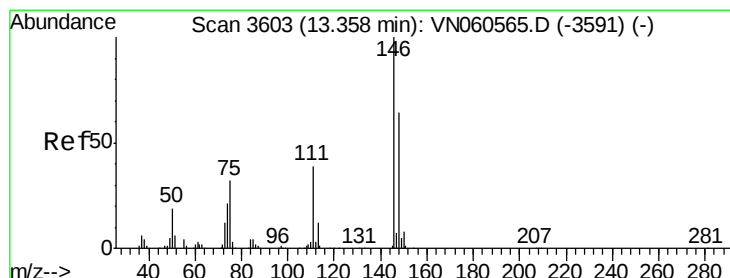
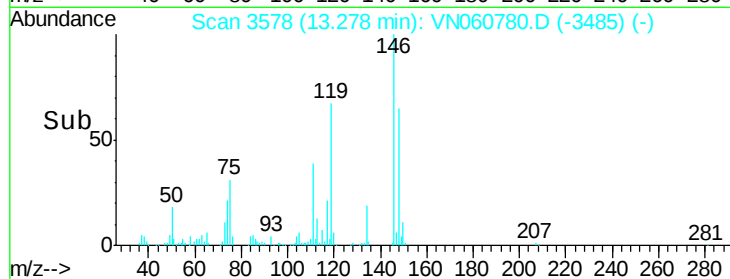
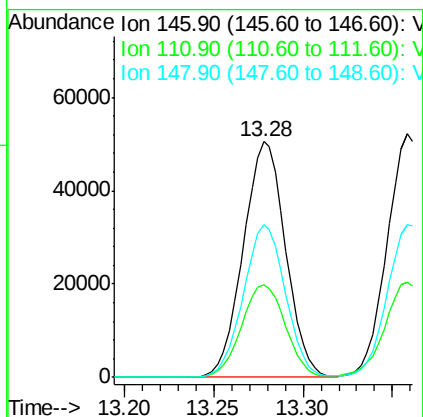
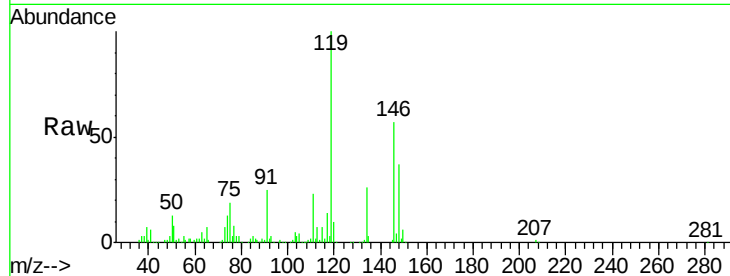




#87
 1,3-Dichlorobenzene
 Concen: 19.583 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060780.D
 Acq: 31 Mar 2020 13:04

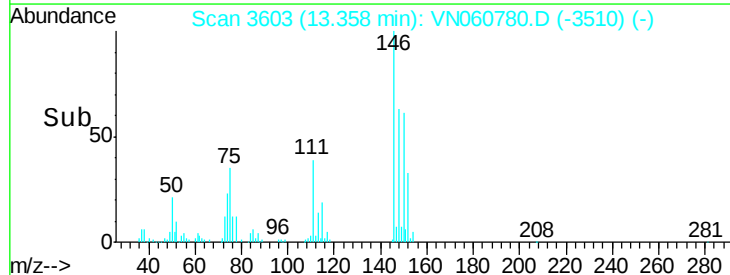
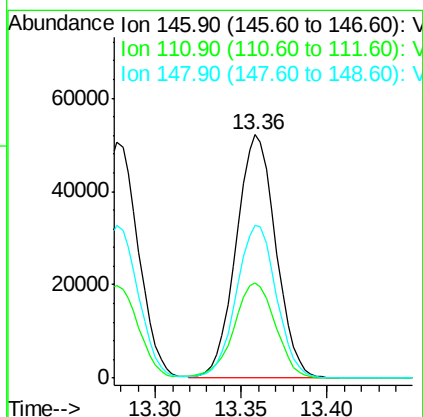
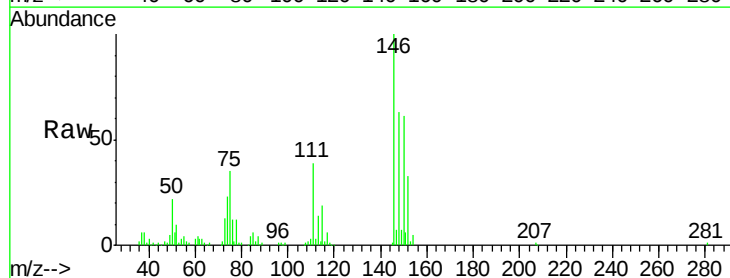
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBSD01

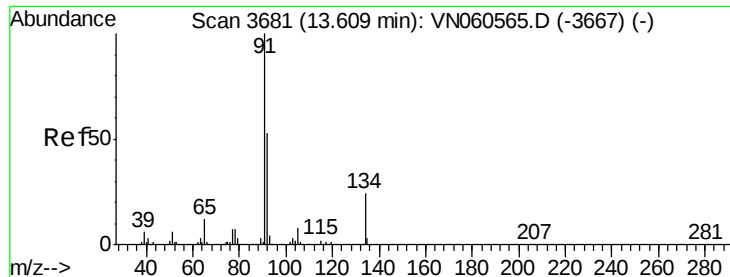
Tot Ion:146 Resp: 83533
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.3 60.8
 148 64.3 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 19.575 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060780.D
 Acq: 31 Mar 2020 13:04

Tgt Ion:146 Resp: 83890
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.6 58.7
 148 63.4 32.1 96.3

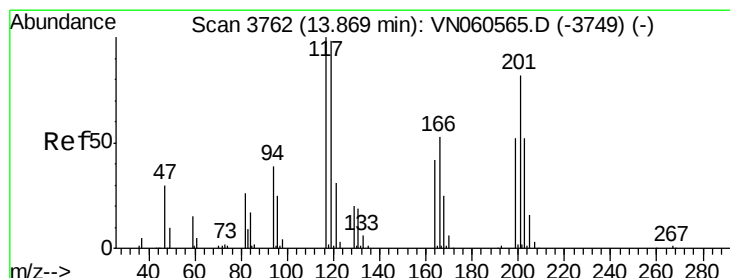
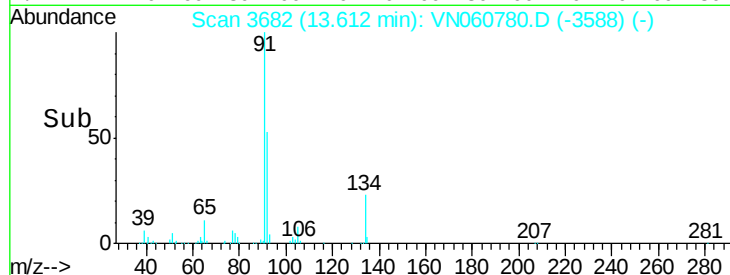
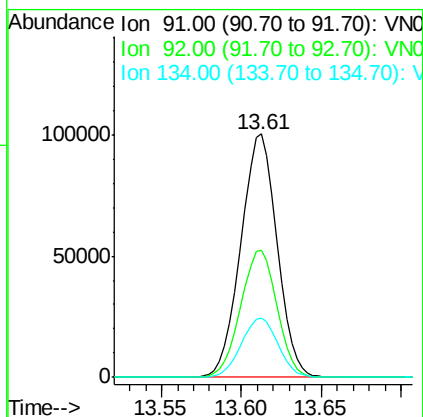
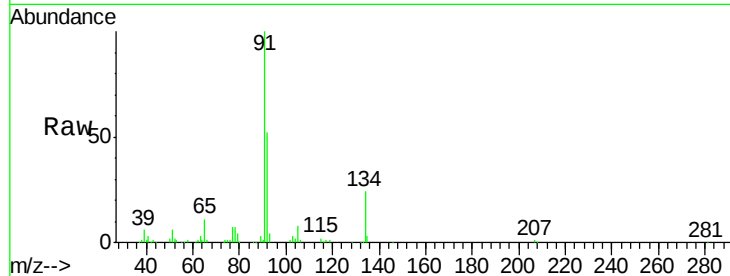




#89
n-Butylbenzene
Concen: 20.120 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

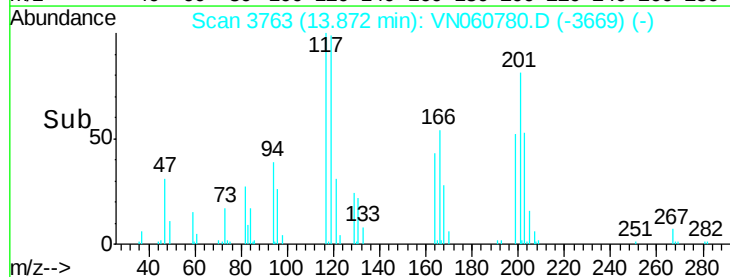
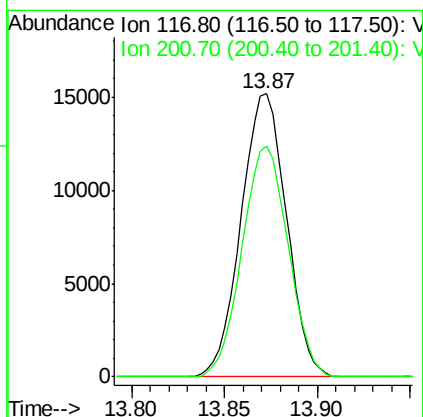
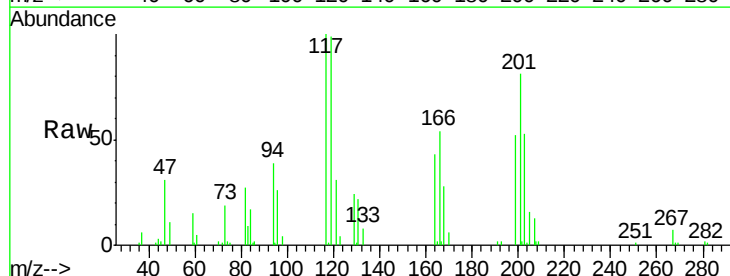
Instrument :
MSVOA_N
ClientSampled :
VN0331WBSD01

Tot Ion: 91 Resp: 155098
Ion Ratio Lower Upper
91 100
92 52.4 26.2 78.5
134 24.6 12.3 36.9



#90
Hexachloroethane
Concen: 20.826 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

Tgt Ion: 117 Resp: 25846
Ion Ratio Lower Upper
117 100
201 82.5 40.8 122.5

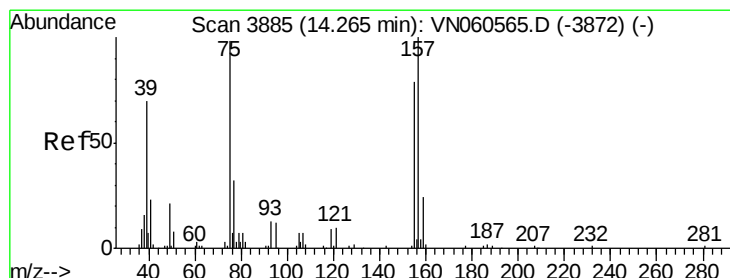
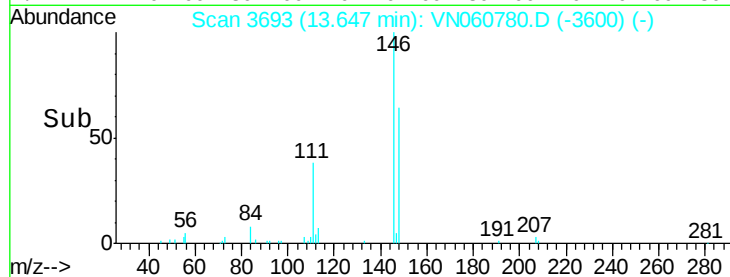
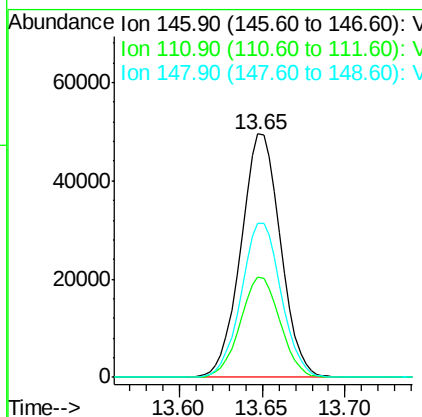
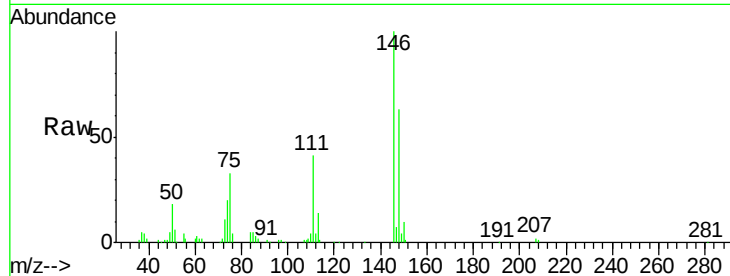




#91
 1,2-Dichlorobenzene
 Concen: 20.206 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN060780.D
 Acq: 31 Mar 2020 13:04

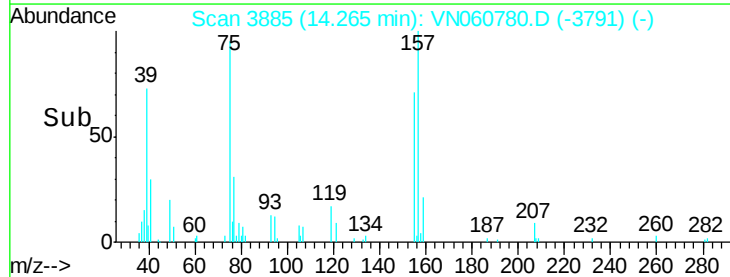
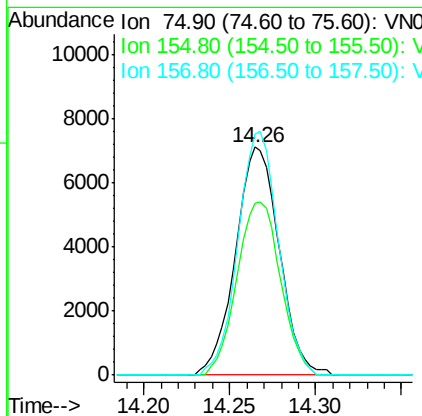
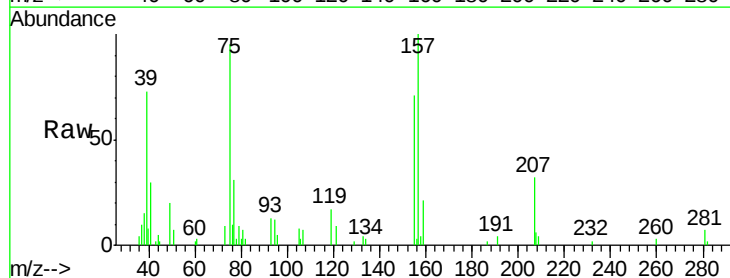
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBSD01

Tot Ion:146 Resp: 82416
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.0 63.0
 148 64.0 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.652 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060780.D
 Acq: 31 Mar 2020 13:04

Tgt Ion: 75 Resp: 12597
 Ion Ratio Lower Upper
 75 100
 155 75.3 40.7 122.1
 157 98.6 51.5 154.7

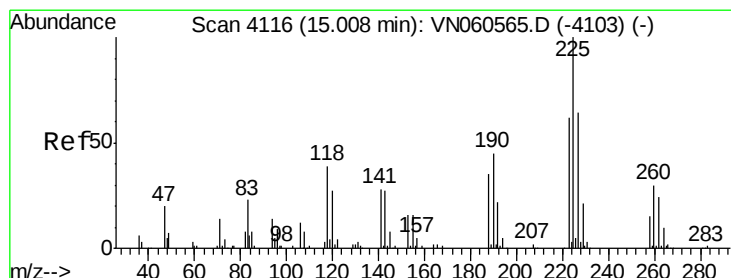
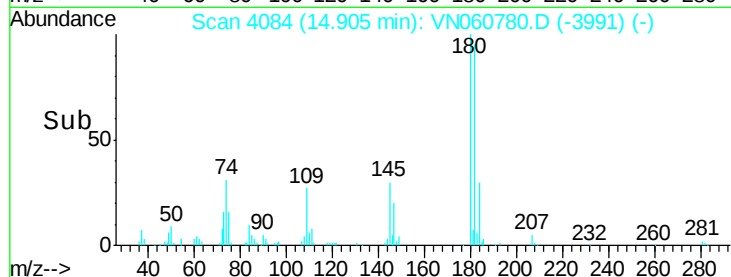
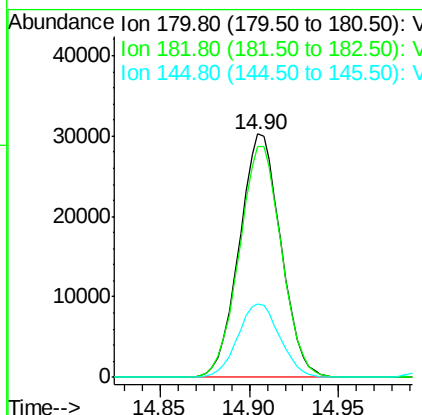
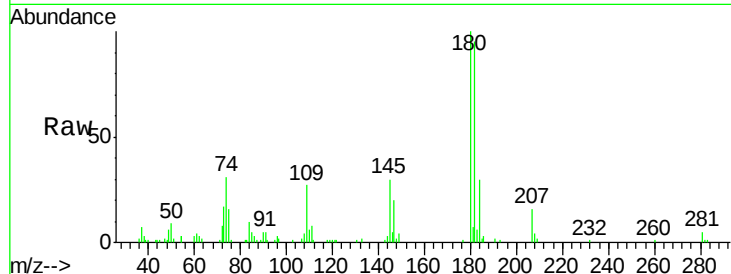




#93
 1,2,4-Trichlorobenzene
 Concen: 19.669 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060780.D
 Acq: 31 Mar 2020 13:04

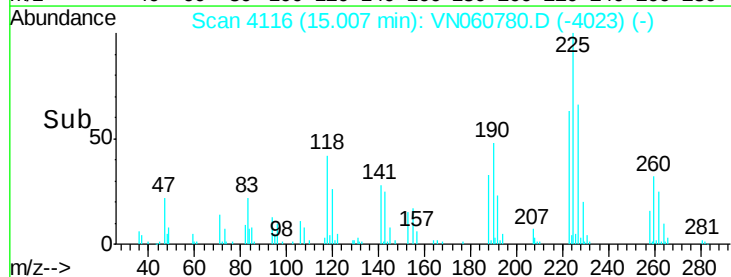
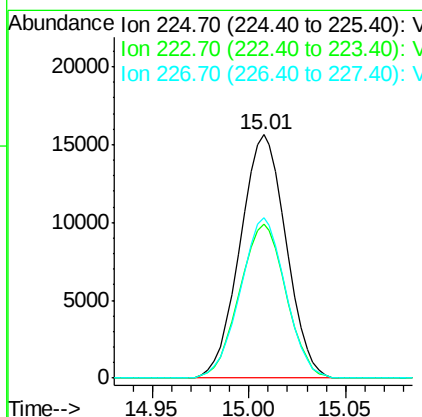
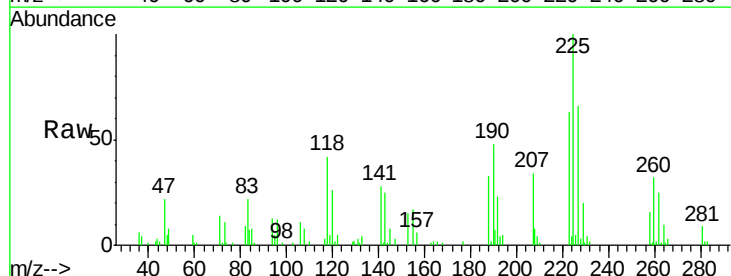
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBSD01

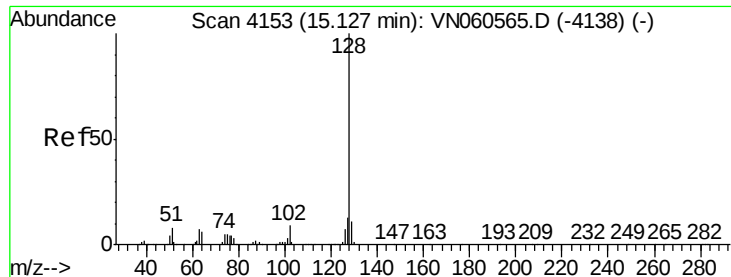
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.9	143.8
145	30.6	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 21.042 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060780.D
 Acq: 31 Mar 2020 13:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.6	95.0
227	64.7	32.3	96.8

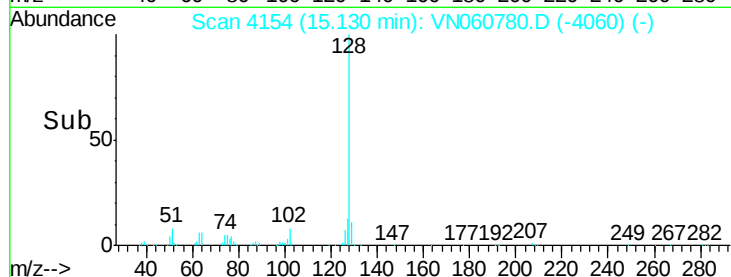
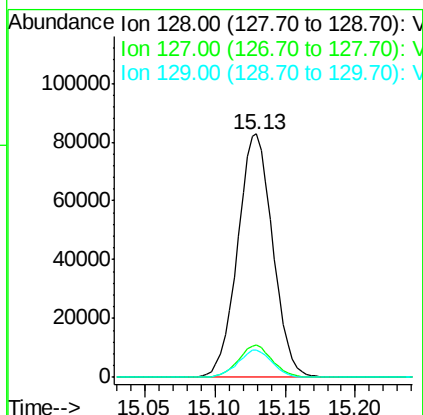
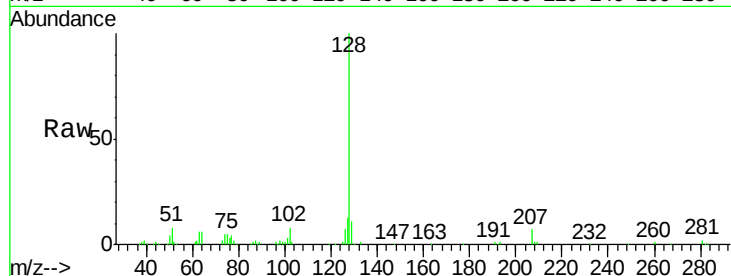




#95
Naphthalene
Concen: 19.139 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

Tot Ion:128 Resp: 144193
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.325 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060780.D
Acq: 31 Mar 2020 13:04

Tgt Ion:180 Resp: 47678
Ion Ratio Lower Upper
180 100
182 96.9 47.5 142.6
145 34.2 16.3 48.8

