

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040820\
 Data File : VN060891.D
 Acq On : 8 Apr 2020 10:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 09 08:23:15 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	192739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	312016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	287764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140602	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	125537	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
35) Dibromofluoromethane	7.56	113	95575	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	10.08	98	382585	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.40	95	144561	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	87681	47.016	ug/l	99
3) Chloromethane	2.04	50	152949	43.912	ug/l	98
4) Vinyl Chloride	2.17	62	122430	44.940	ug/l	100
5) Bromomethane	2.54	94	62530	53.170	ug/l	100
6) Chloroethane	2.68	64	78092	49.761	ug/l	99
7) Trichlorofluoromethane	3.00	101	167638	49.953	ug/l	99
8) Diethyl Ether	3.38	74	71002	52.666	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	103608	53.280	ug/l	100
10) Methyl Iodide	3.93	142	78185	45.185	ug/l	100
11) Tert butyl alcohol	4.72	59	82707	212.547	ug/l	99
12) 1,1-Dichloroethene	3.71	96	102747	49.238	ug/l	99
13) Acrolein	3.57	56	94137	218.282	ug/l	99
14) Allyl chloride	4.29	41	192021	52.319	ug/l	97
15) Acrylonitrile	4.94	53	291264	254.545	ug/l	99
16) Acetone	3.77	43	321512	343.048	ug/l	99
17) Carbon Disulfide	4.03	76	285974	45.060	ug/l	100
18) Methyl Acetate	4.28	43	140334	53.197	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	368964	51.427	ug/l	99
20) Methylene Chloride	4.52	84	117650	51.030	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	110726	49.786	ug/l	93
22) Diisopropyl ether	5.91	45	428427	55.253	ug/l	98
23) Vinyl Acetate	5.85	43	1695762	268.039	ug/l	100
24) 1,1-Dichloroethane	5.81	63	222873	52.725	ug/l	100
25) 2-Butanone	6.79	43	421980	278.244	ug/l	98
26) 2,2-Dichloropropane	6.79	77	190432	57.259	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	129677	51.310	ug/l	97
28) Bromochloromethane	7.17	49	101518	50.197	ug/l	98
29) Tetrahydrofuran	7.18	42	255594	238.195	ug/l	99
30) Chloroform	7.34	83	215831	53.261	ug/l	100
31) Cyclohexane	7.63	56	204714	48.038	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	181721	52.019	ug/l	99
36) 1,1-Dichloropropene	7.77	75	163942	54.262	ug/l	99
37) Ethyl Acetate	6.89	43	165632	50.736	ug/l	99
38) Carbon Tetrachloride	7.75	117	145741	53.822	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.06	83	198864	55.387	ug/l	99
40) Benzene	8.02	78	491775	53.920	ug/l	100
41) Methacrylonitrile	7.17	41	234026	167.975	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	169019	54.226	ug/l	100
43) Isopropyl Acetate	8.14	43	284072	52.763	ug/l	100
44) Trichloroethene	8.81	130	123575	53.747	ug/l	100
45) 1,2-Dichloropropane	9.10	63	135620	56.353	ug/l	98
46) Dibromomethane	9.19	93	78843	54.190	ug/l	98
47) Bromodichloromethane	9.38	83	170306	56.330	ug/l	98
48) Methyl methacrylate	9.18	41	127533	53.204	ug/l	98
49) 1,4-Dioxane	9.18	88	26610	933.950	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	812089	265.071	ug/l	100
52) Toluene	10.14	92	300572	54.568	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	197630	56.907	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	212789	55.851	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	117071	55.246	ug/l	99
56) Ethyl methacrylate	10.42	69	183906	55.660	ug/l	99
57) 1,3-Dichloropropane	10.70	76	202997	55.204	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	398500	242.664	ug/l	100
59) 2-Hexanone	10.74	43	610969	276.842	ug/l	99
60) Dibromochloromethane	10.89	129	123954	56.629	ug/l	100
61) 1,2-Dibromoethane	10.99	107	116909	54.865	ug/l	99
64) Tetrachloroethene	10.62	164	120206	53.084	ug/l	97
65) Chlorobenzene	11.43	112	309035	54.173	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	115001	55.678	ug/l	98
67) Ethyl Benzene	11.50	91	583771	55.028	ug/l	100
68) m/p-Xylenes	11.61	106	430515	109.206	ug/l	99
69) o-Xylene	11.94	106	206222	54.798	ug/l	99
70) Styrene	11.96	104	345074	56.065	ug/l	100
71) Bromoform	12.12	173	88200	51.332	ug/l #	100
73) Isopropylbenzene	12.24	105	560874	53.155	ug/l	100
74) N-amyl acetate	12.06	43	245732	50.398	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	165061	51.729	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	224791	74.093	ug/l #	100
77) Bromobenzene	12.52	156	132251	52.015	ug/l	99
78) n-propylbenzene	12.59	91	673453	54.023	ug/l	99
79) 2-Chlorotoluene	12.67	91	387960	52.086	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	477227	53.295	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	61445	52.015	ug/l	98
82) 4-Chlorotoluene	12.77	91	407419	53.705	ug/l	99
83) tert-Butylbenzene	12.99	119	399192	53.778	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	478181	53.979	ug/l	100
85) sec-Butylbenzene	13.17	105	554397	55.542	ug/l	100
86) p-Isopropyltoluene	13.28	119	502386	55.971	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	244206	54.457	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	245949	54.590	ug/l	99
89) n-Butylbenzene	13.61	91	478561	59.054	ug/l	100
90) Hexachloroethane	13.87	117	78070	59.838	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	234471	54.682	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	31225	46.702	ug/l	99

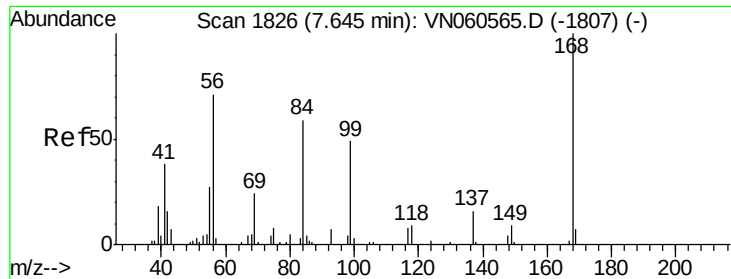
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	151432	57.509	ug/l	99
94) Hexachlorobutadiene	15.01	225	78701	60.969	ug/l	99
95) Naphthalene	15.13	128	398320	50.293	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	142069	54.776	ug/l	99

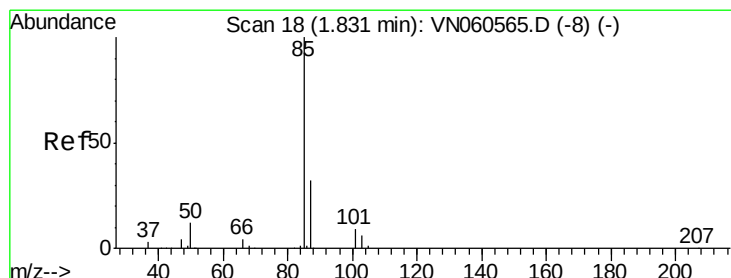
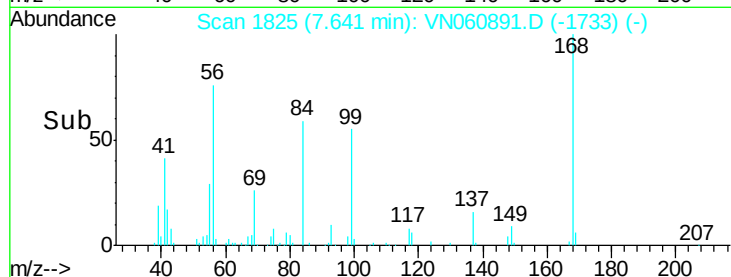
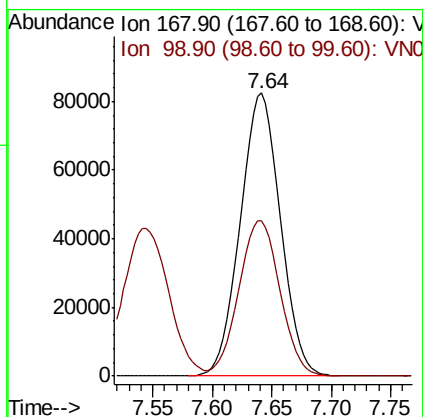
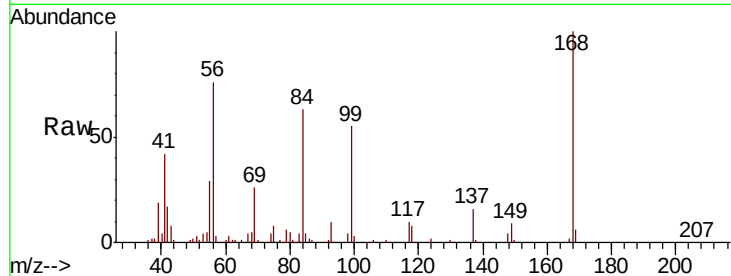
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

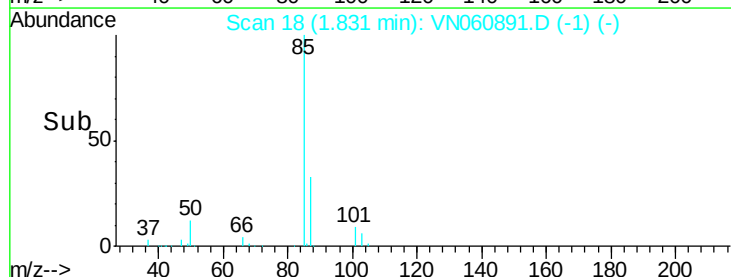
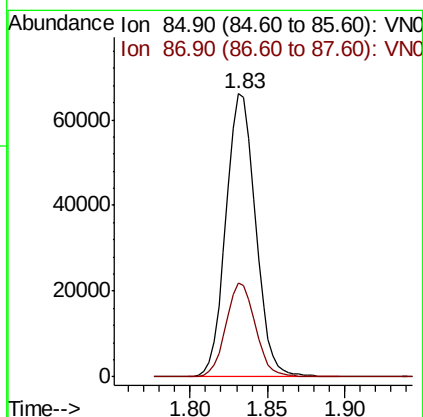
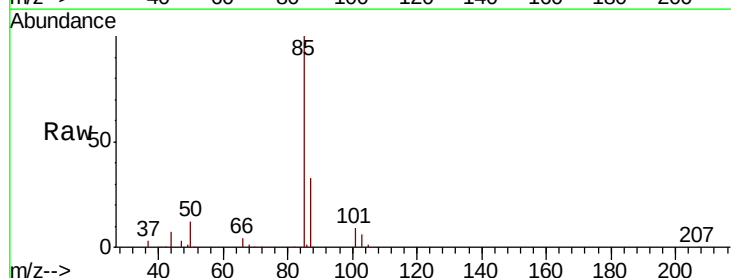
Instrument :
MSVOA_N
ClientSampled :

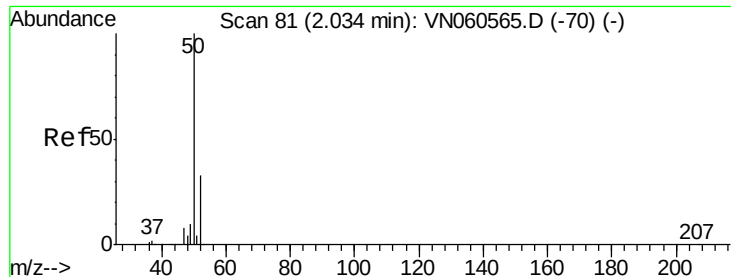
Tot Ion:168 Resp: 192739
Ion Ratio Lower Upper
168 100
99 54.9 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 47.016 ug/l
RT: 1.83 min Scan# 18
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion: 85 Resp: 87681
Ion Ratio Lower Upper
85 100
87 33.0 16.2 48.5





#3

Chloromethane

Concen: 43.912 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

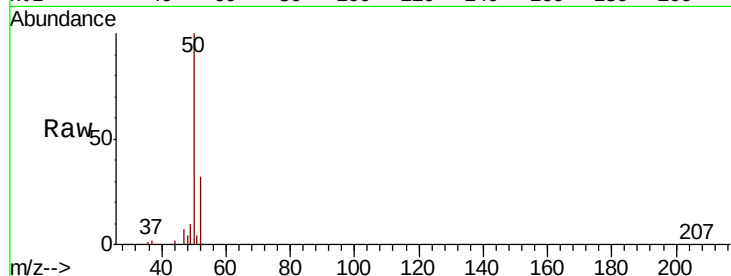
ClientSampled :

Tot Ion: 50 Resp: 152949

Ion Ratio Lower Upper

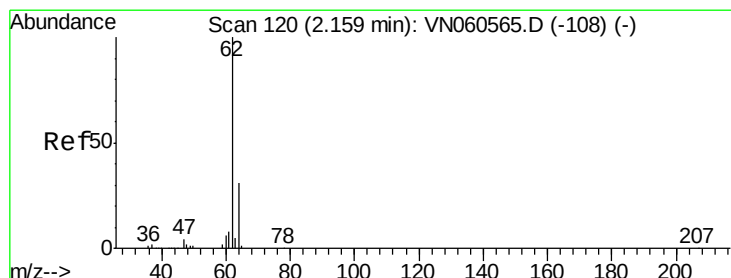
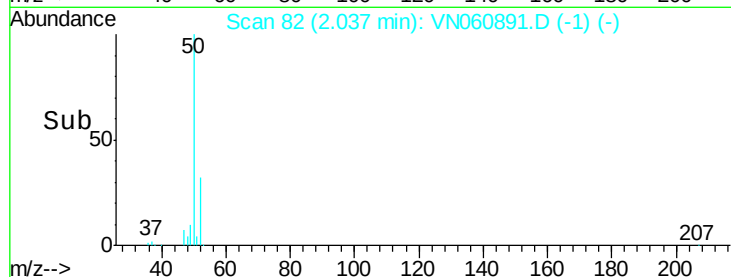
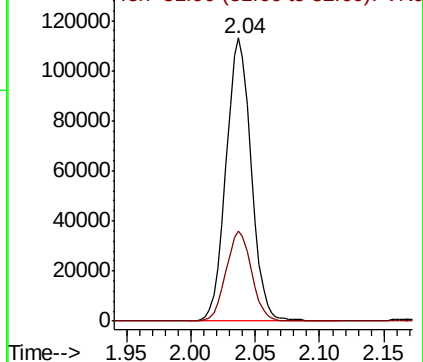
50 100

52 31.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 44.940 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN060891.D

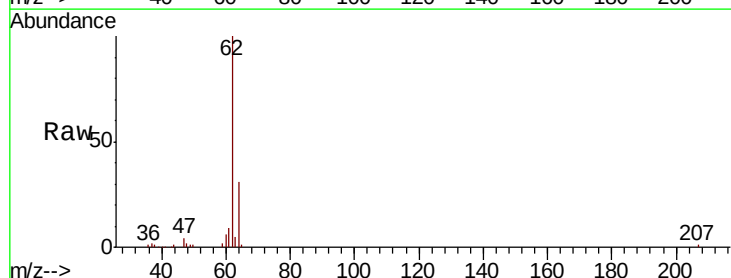
Acq: 8 Apr 2020 10:17

Tgt Ion: 62 Resp: 122430

Ion Ratio Lower Upper

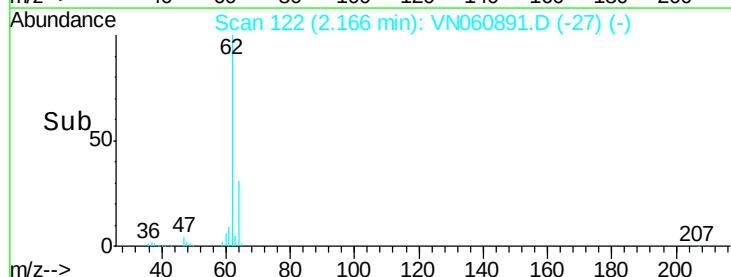
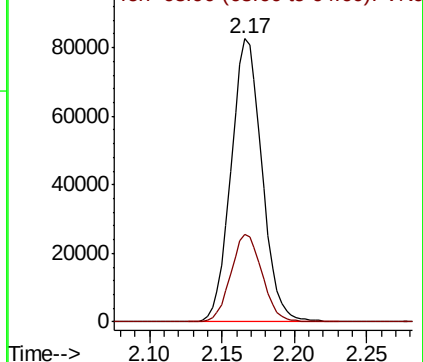
62 100

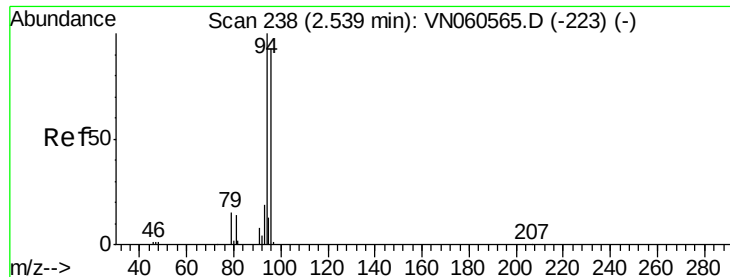
64 30.9 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 53.170 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

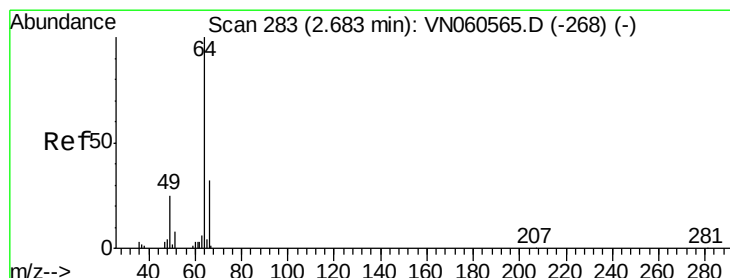
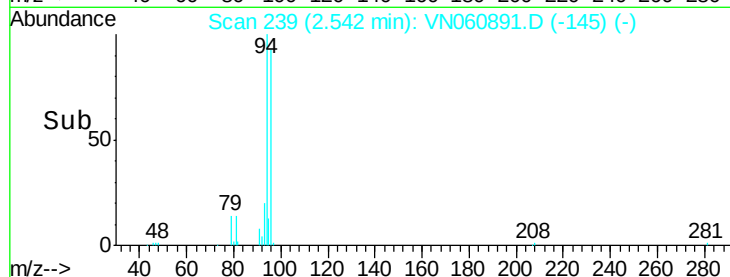
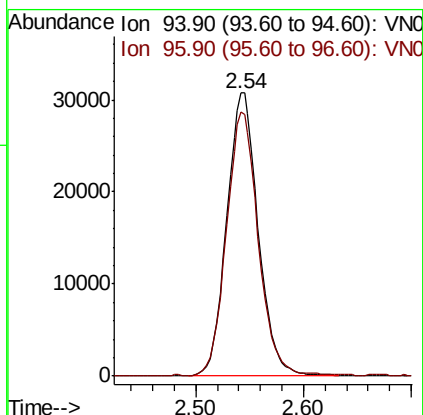
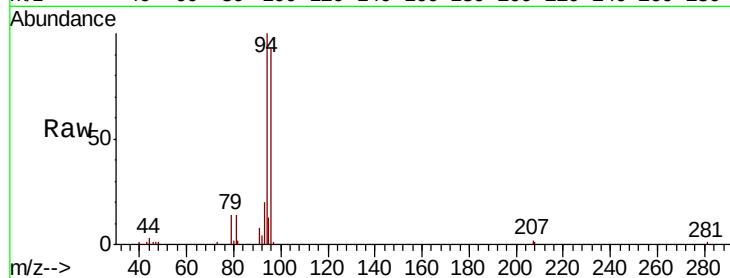
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 94 Resp: 62530

Ion Ratio Lower Upper

94 100

96 93.4 74.6 112.0



#6

Chloroethane

Concen: 49.761 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN060891.D

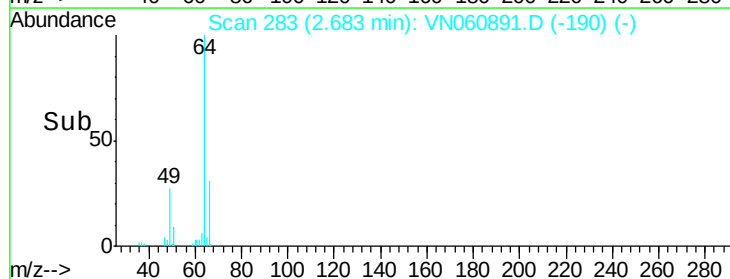
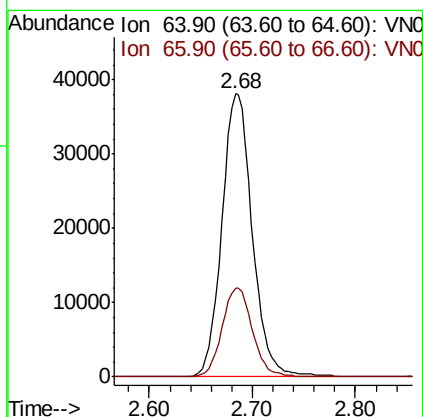
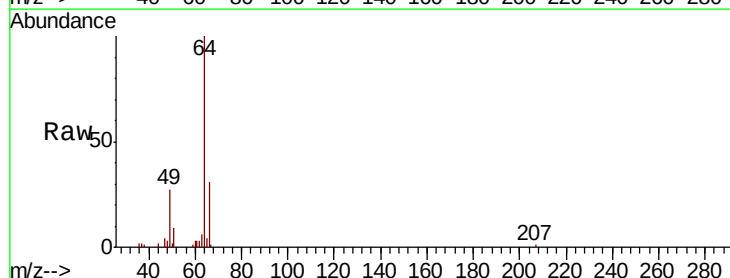
Acq: 8 Apr 2020 10:17

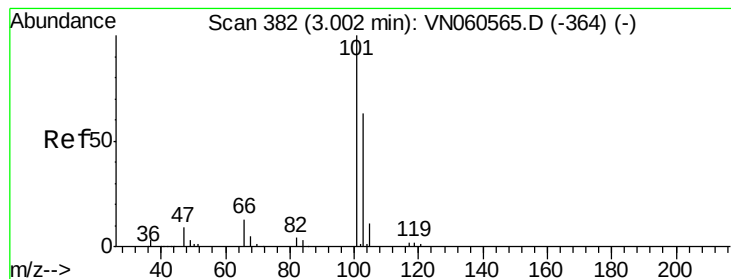
Tgt Ion: 64 Resp: 78092

Ion Ratio Lower Upper

64 100

66 31.2 25.3 37.9



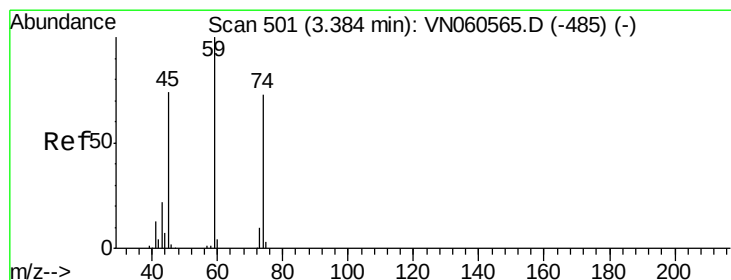
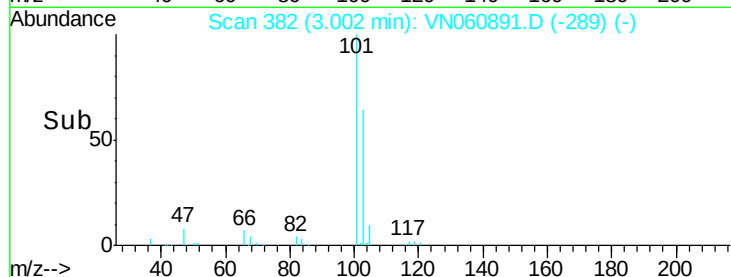
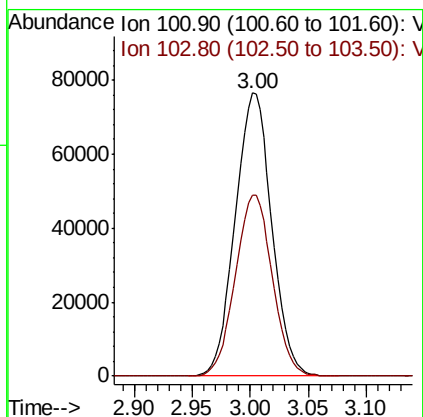
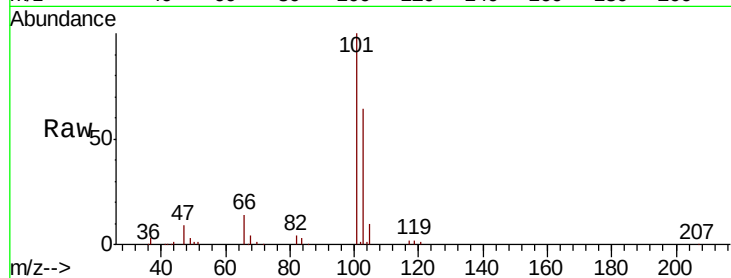


#7

Trichlorofluoromethane
 Concen: 49.953 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Instrument :
 MSVOA_N
 ClientSampled :

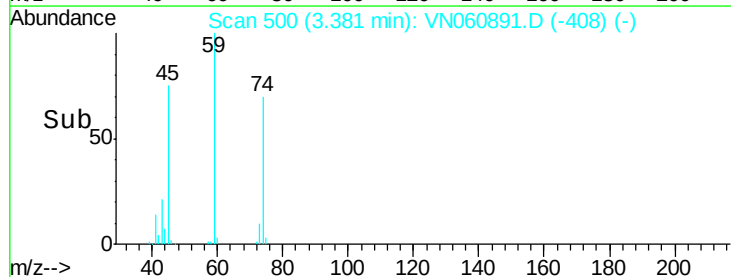
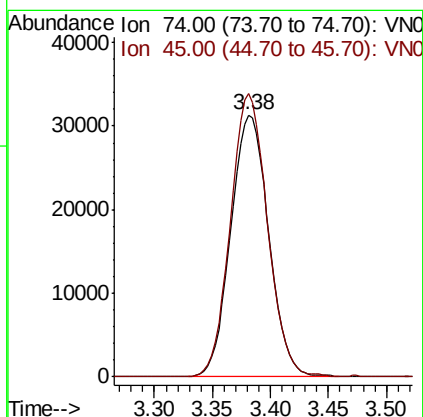
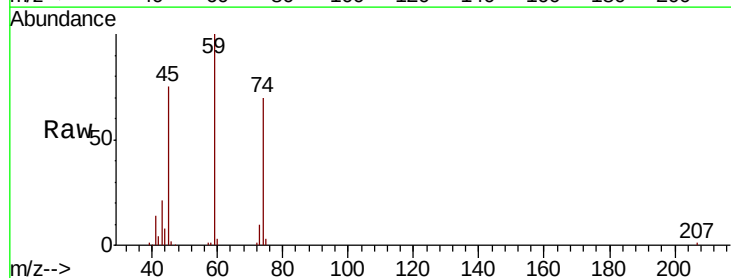
Tot Ion:101 Resp: 167638
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.6 76.0

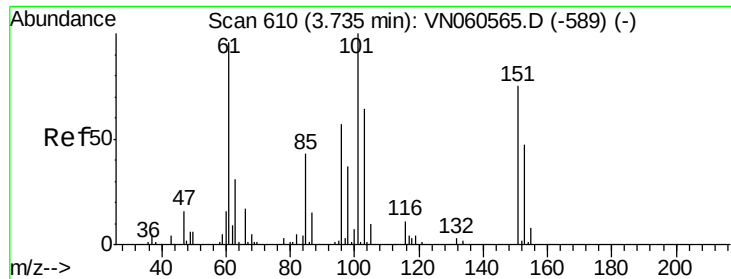


#8

Diethyl Ether
 Concen: 52.666 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Tgt Ion: 74 Resp: 71002
 Ion Ratio Lower Upper
 74 100
 45 105.3 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.280 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

ClientSampled :

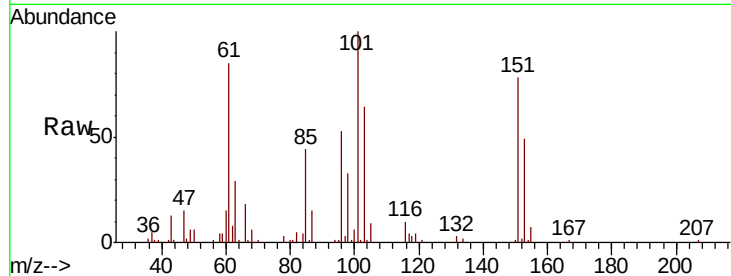
Tot Ion:101 Resp: 103608

Ion Ratio Lower Upper

101 100

85 44.1 35.6 53.4

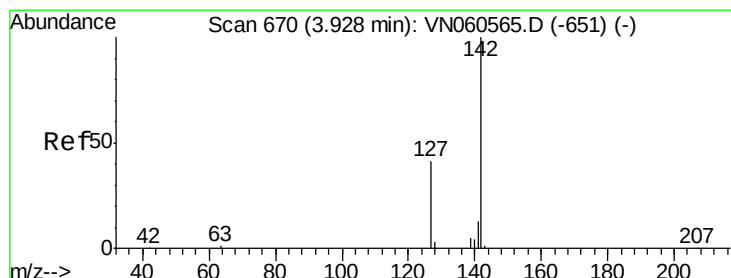
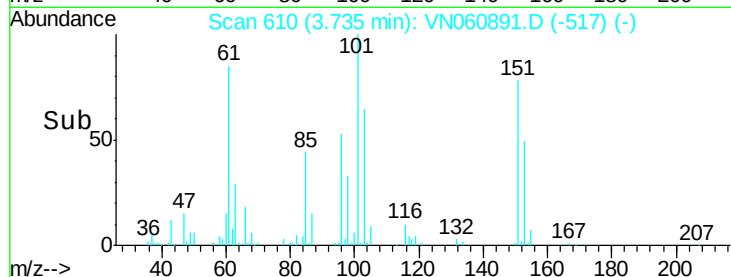
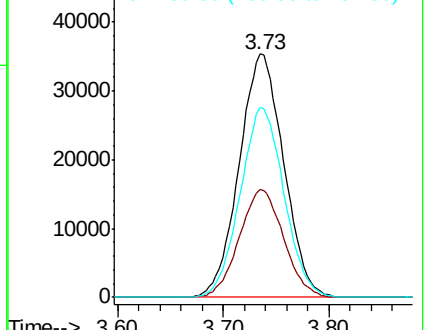
151 76.9 61.4 92.2



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: 45.185 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

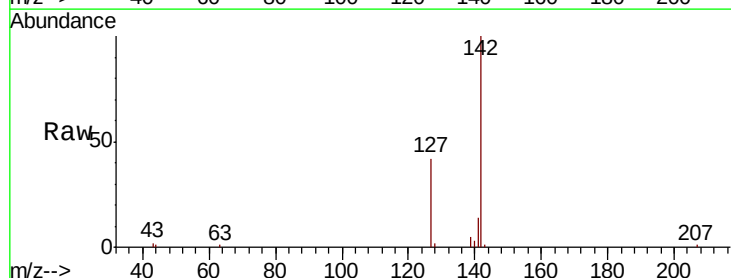
Tgt Ion:142 Resp: 78185

Ion Ratio Lower Upper

142 100

127 42.1 33.5 50.3

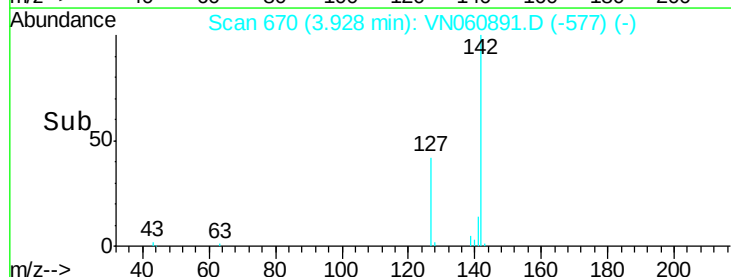
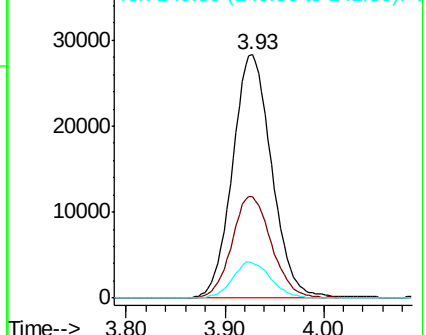
141 14.3 11.0 16.6

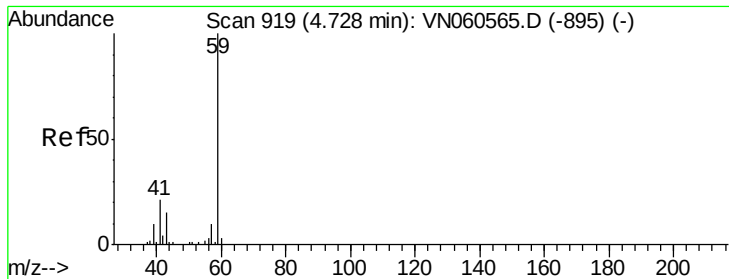


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



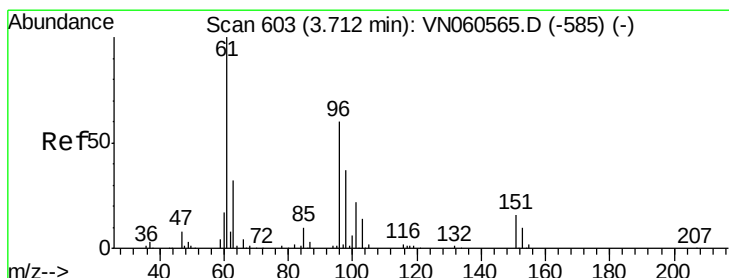
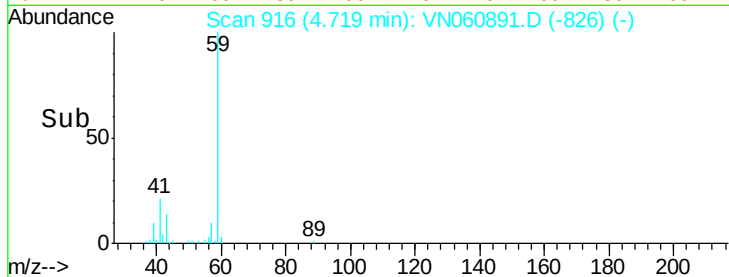
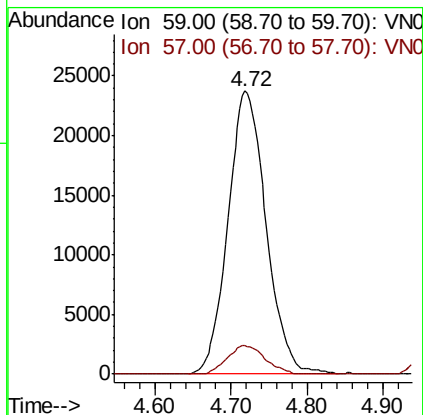
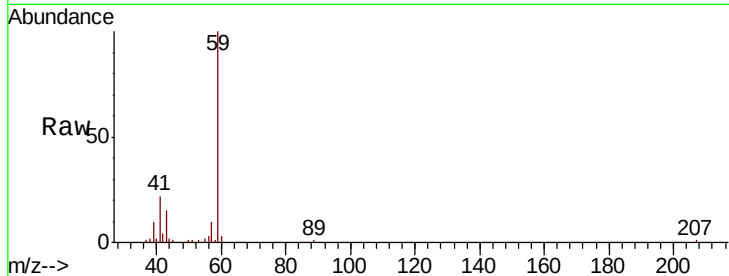


#11

Tert butyl alcohol
Concen: 212.547 ug/l
RT: 4.72 min Scan# 916
Delta R.T. -0.01 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Instrument :
MSVOA_N
ClientSampled :

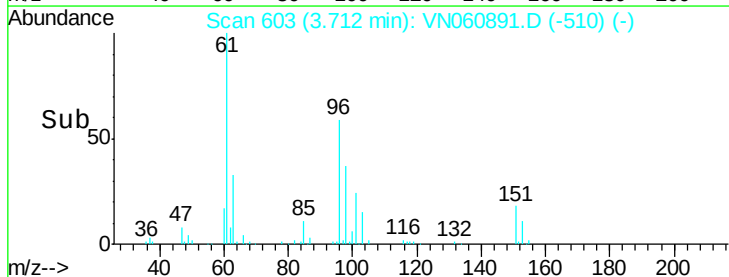
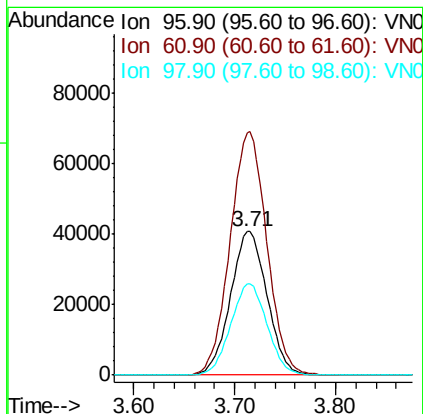
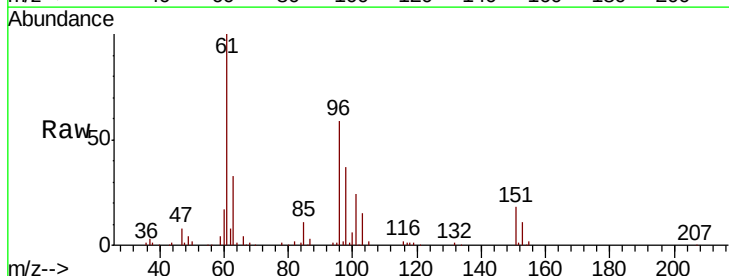
Tot Ion: 59 Resp: 82707
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

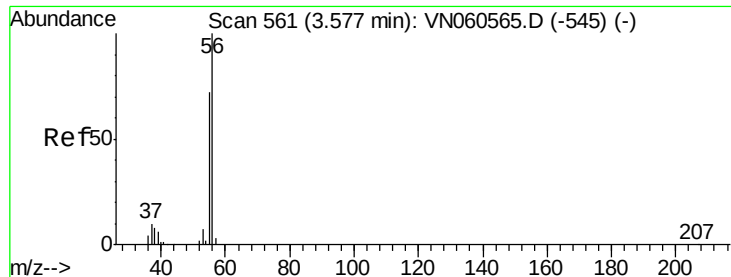


#12

1,1-Dichloroethene
Concen: 49.238 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion: 96 Resp: 102747
Ion Ratio Lower Upper
96 100
61 168.5 134.1 201.1
98 63.1 49.9 74.9





#13

Acrolein

Concen: 218.282 ug/l

RT: 3.57 min Scan# 559

Delta R.T. -0.01 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

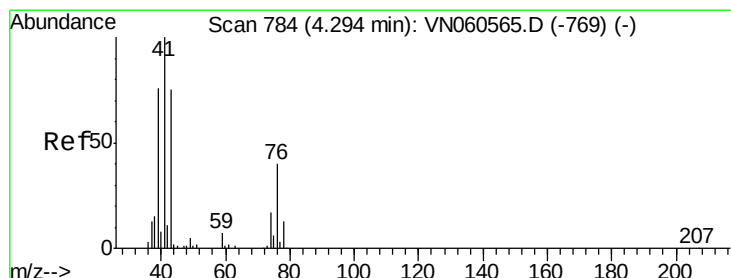
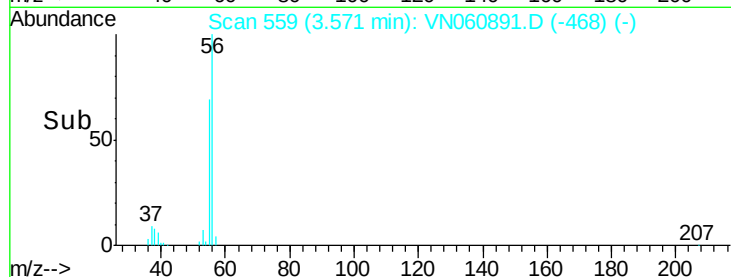
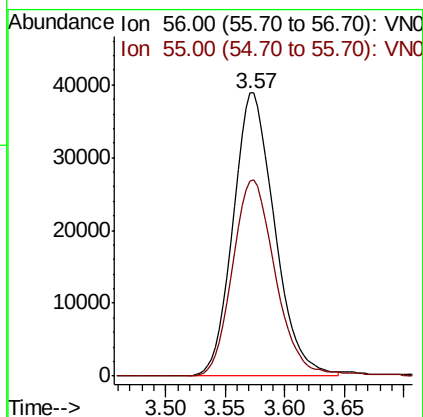
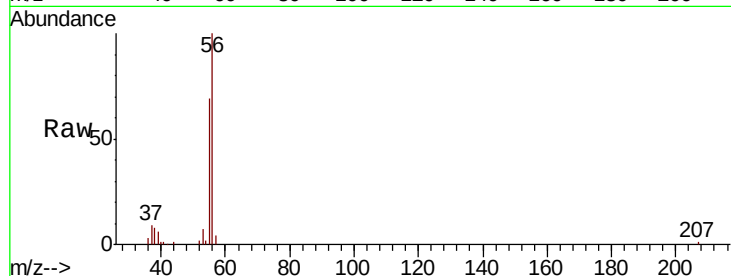
ClientSampleId :

Tot Ion: 56 Resp: 94137

Ion Ratio Lower Upper

56 100

55 71.8 56.7 85.1



#14

Allyl chloride

Concen: 52.319 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

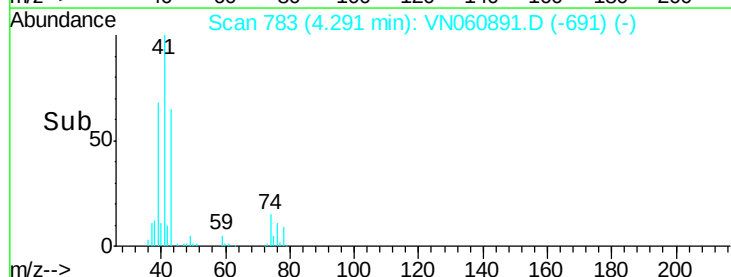
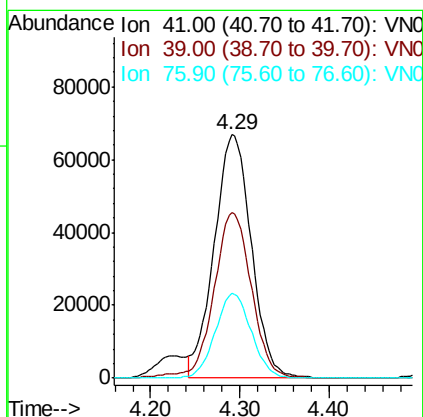
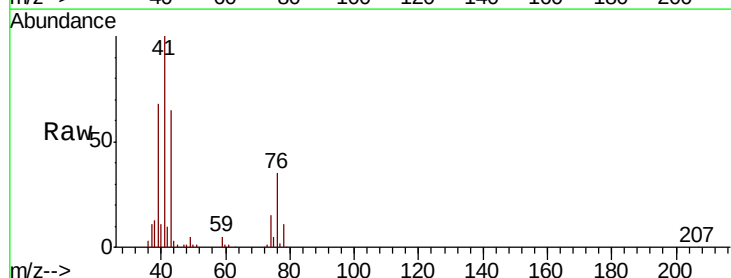
Tgt Ion: 41 Resp: 192021

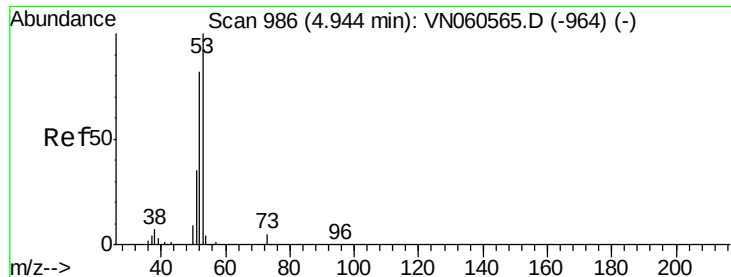
Ion Ratio Lower Upper

41 100

39 69.5 57.8 86.8

76 33.8 28.6 43.0





#15

Acrylonitrile

Concen: 254.545 ug/l

RT: 4.94 min Scan# 984

Delta R.T. -0.01 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

ClientSampled :

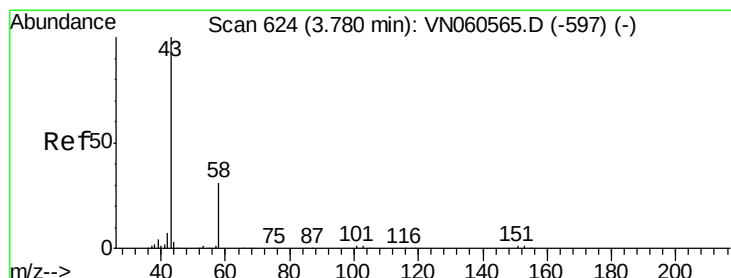
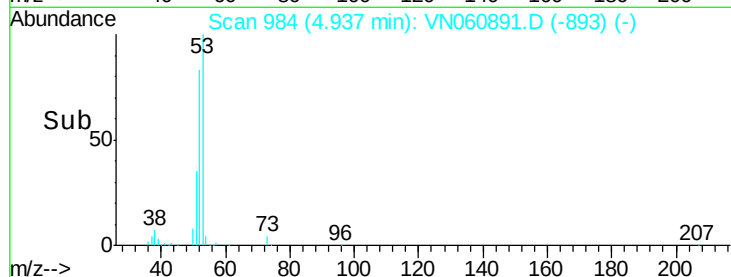
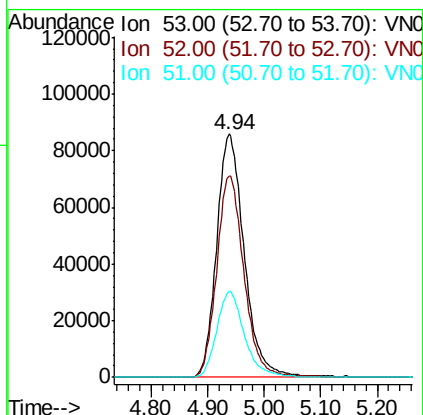
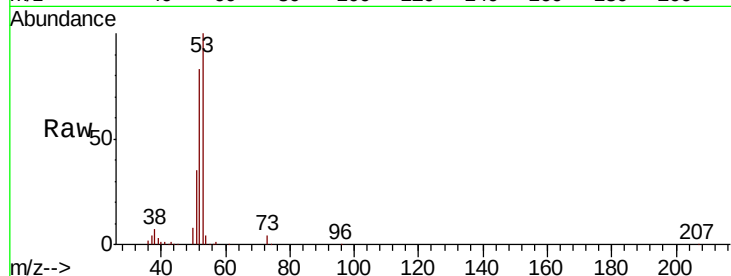
Tot Ion: 53 Resp: 291264

Ion Ratio Lower Upper

53 100

52 81.5 66.2 99.4

51 35.6 28.7 43.1



#16

Acetone

Concen: 343.048 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.01 min

Lab File: VN060891.D

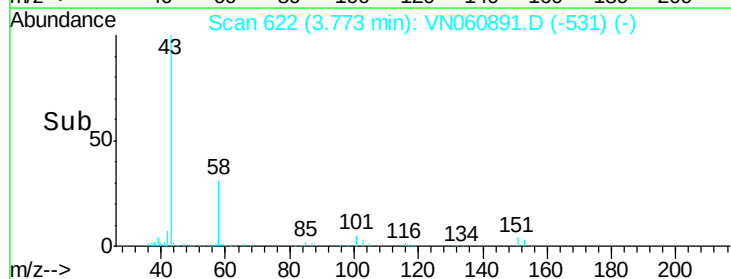
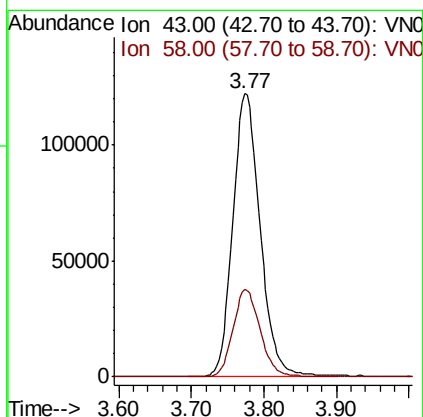
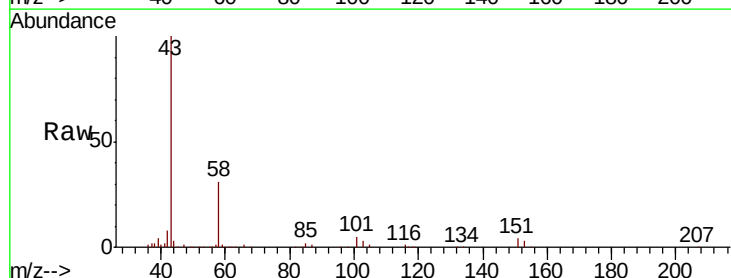
Acq: 8 Apr 2020 10:17

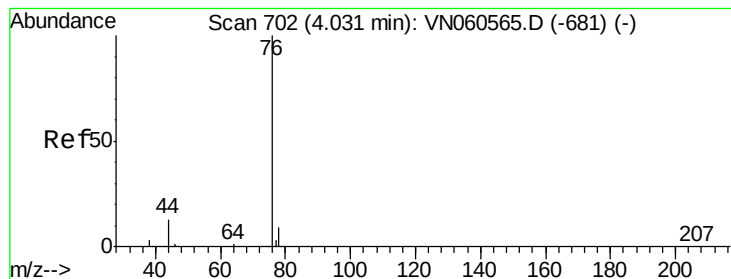
Tgt Ion: 43 Resp: 321512

Ion Ratio Lower Upper

43 100

58 30.9 25.1 37.7





#17

Carbon Disulfide

Concen: 45.060 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

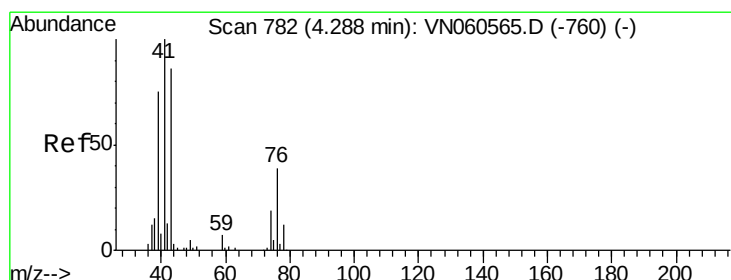
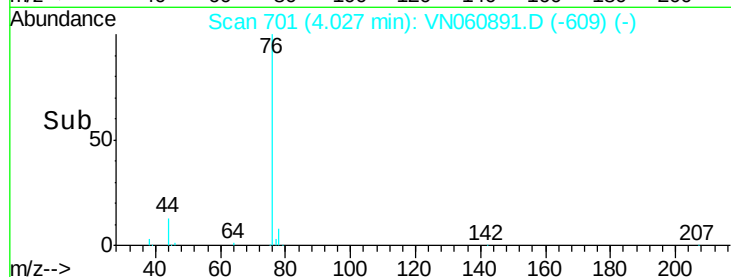
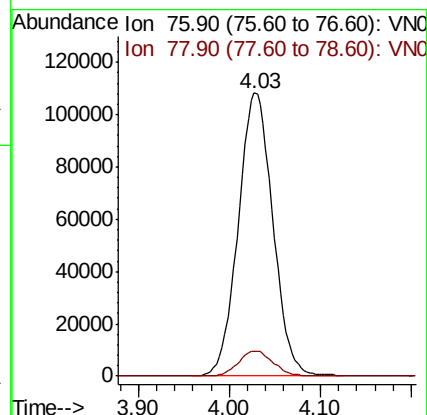
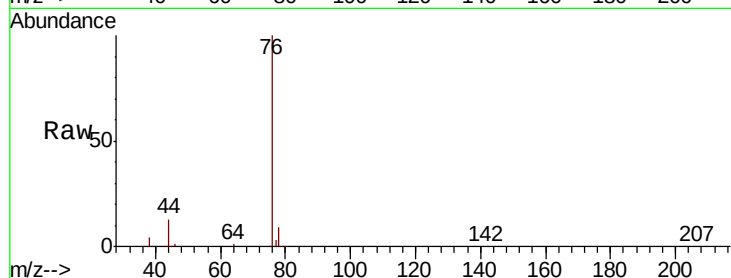
ClientSampleId :

Tot Ion: 76 Resp: 285974

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8



#18

Methyl Acetate

Concen: 53.197 ug/l

RT: 4.28 min Scan# 780

Delta R.T. -0.01 min

Lab File: VN060891.D

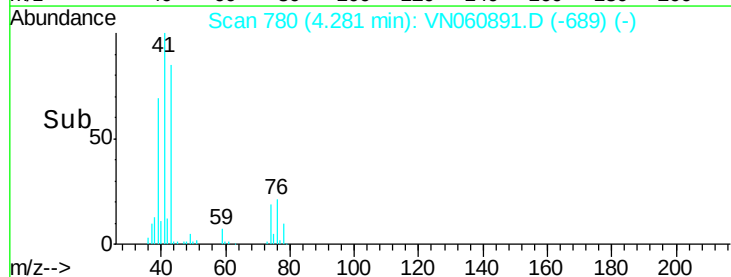
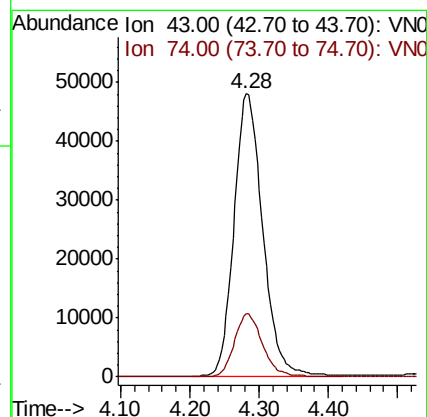
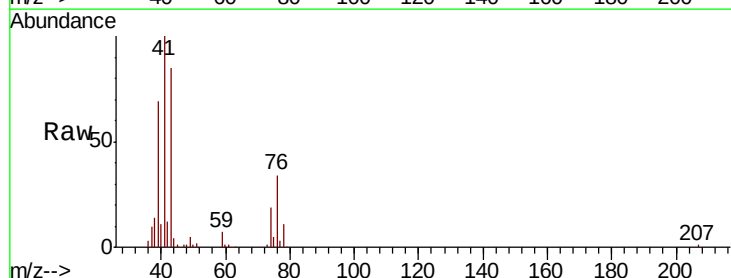
Acq: 8 Apr 2020 10:17

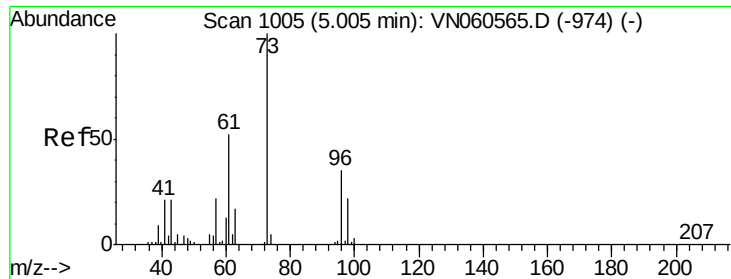
Tgt Ion: 43 Resp: 140334

Ion Ratio Lower Upper

43 100

74 21.7 17.5 26.3

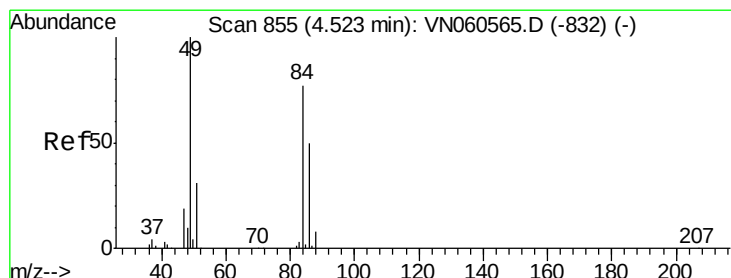
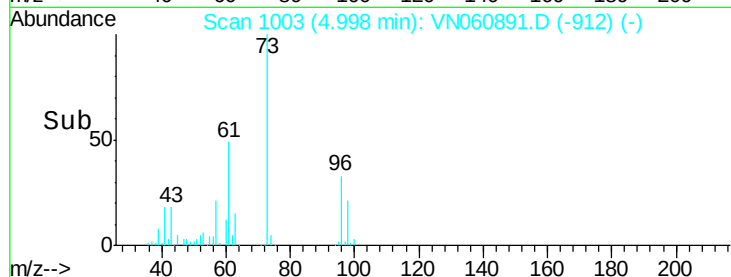
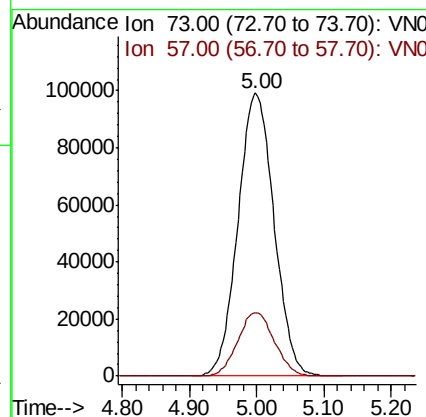
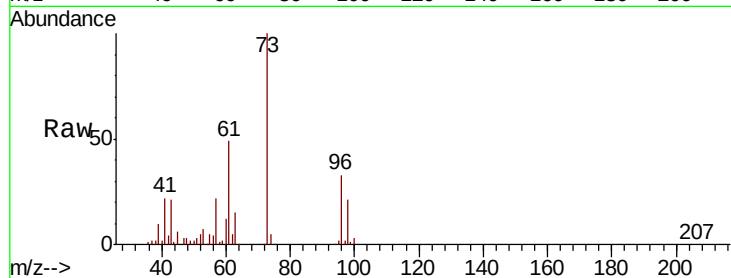




#19
Methvl tert-butyl Ether
Concen: 51.427 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. -0.01 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

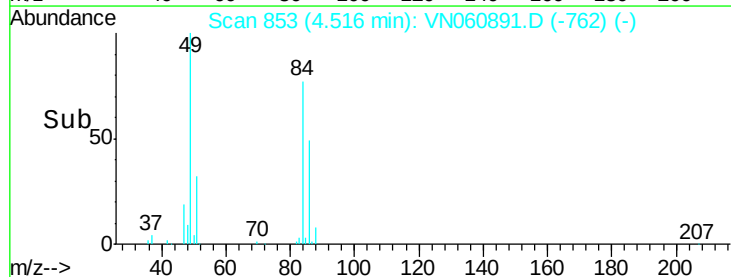
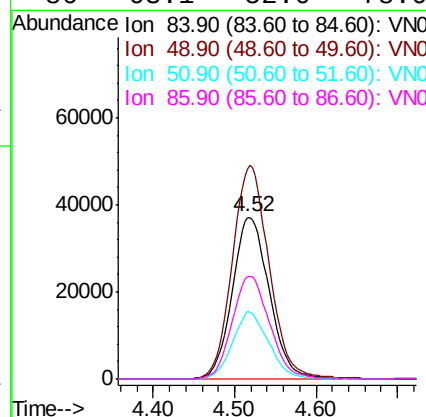
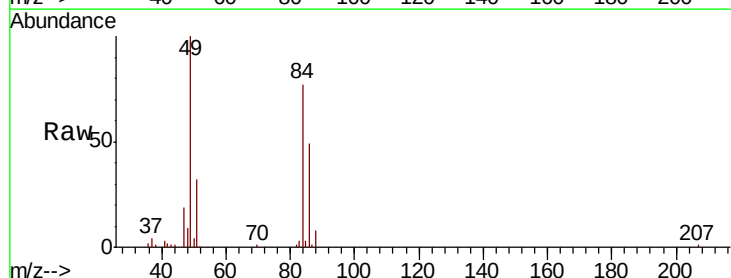
Instrument :
MSVOA_N
ClientSampled :

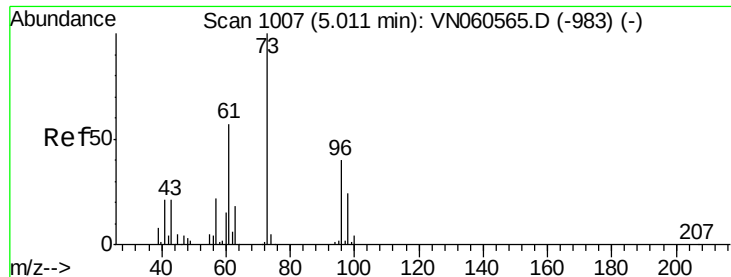
Tot Ion: 73 Resp: 368964
Ion Ratio Lower Upper
73 100
57 22.5 17.5 26.3



#20
Methylene Chloride
Concen: 51.030 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion: 84 Resp: 117650
Ion Ratio Lower Upper
84 100
49 129.8 103.3 154.9
51 41.6 31.6 47.4
86 63.1 52.0 78.0



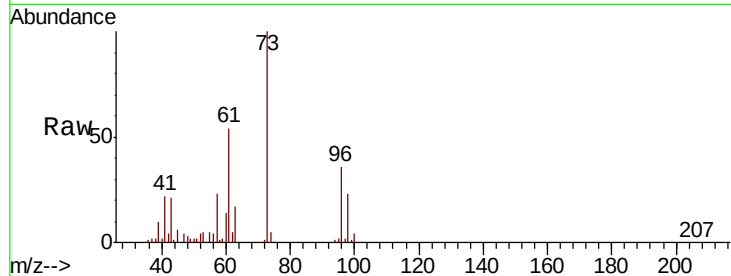


#21

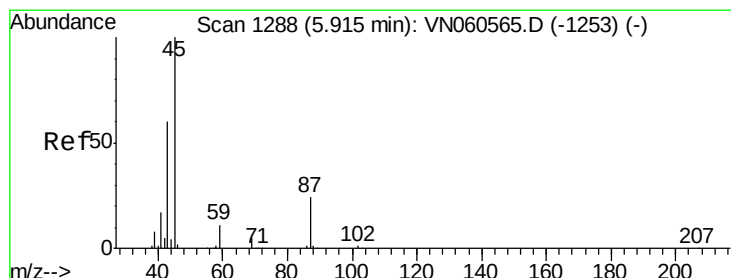
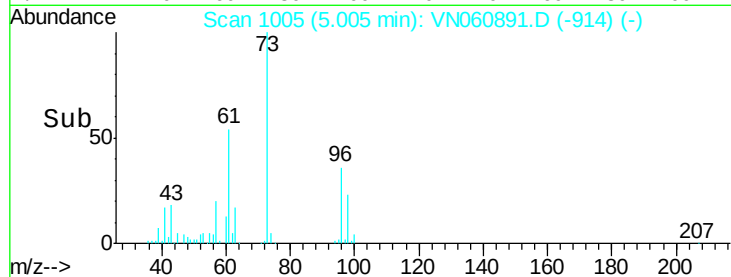
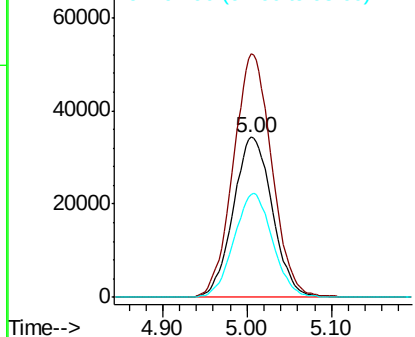
trans-1,2-Dichloroethene
Concen: 49.786 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 110726
Ion Ratio Lower Upper
96 100
61 152.0 114.4 171.6
98 64.2 48.4 72.6



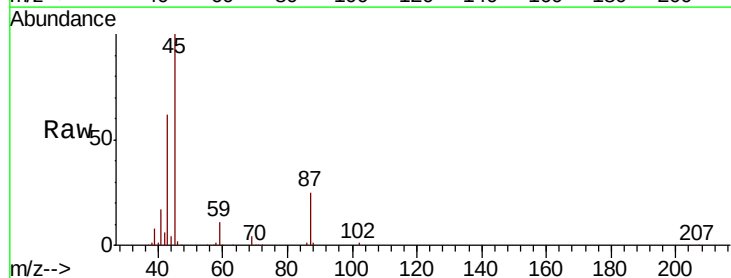
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



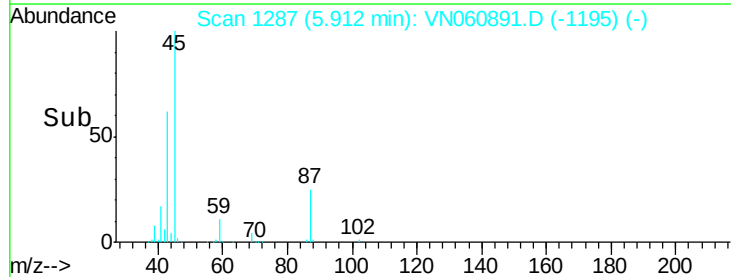
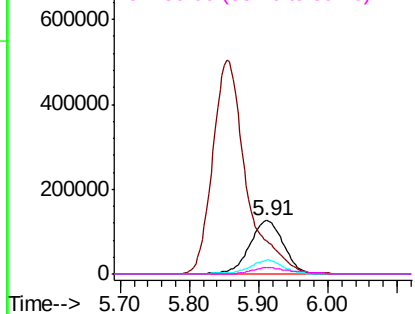
#22

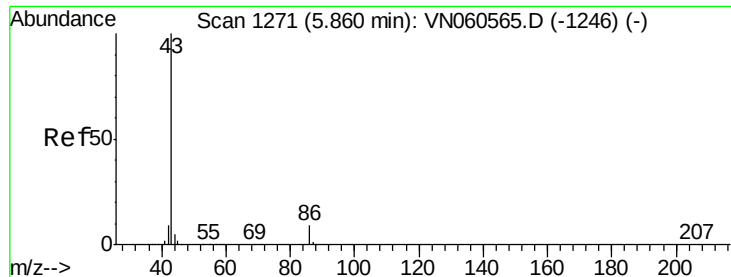
Diisopropyl ether
Concen: 55.253 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion: 45 Resp: 428427
Ion Ratio Lower Upper
45 100
43 60.7 49.8 74.8
87 25.4 20.1 30.1
59 11.3 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 268.039 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

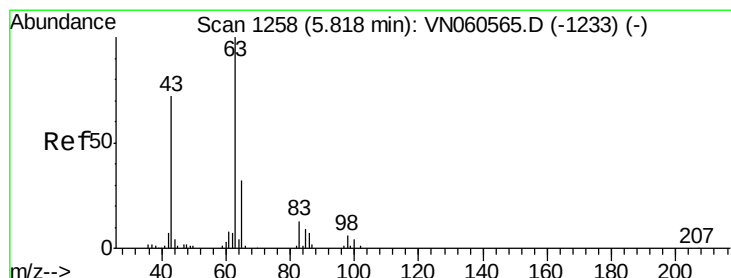
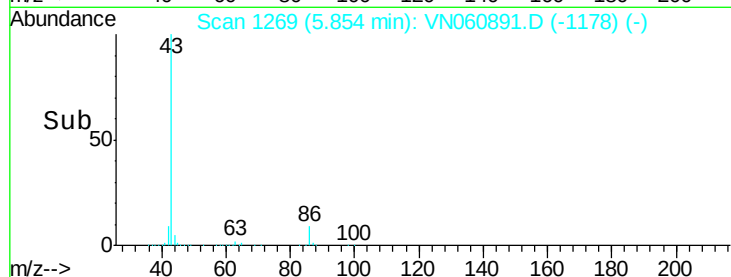
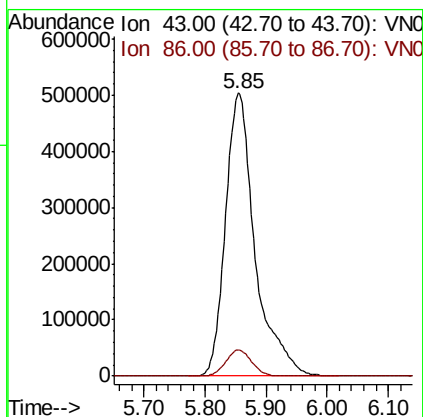
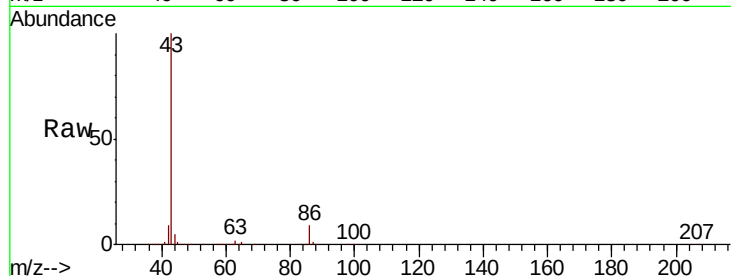
ClientSampled :

Tot Ion: 43 Resp: 1695762

Ion Ratio Lower Upper

43 100

86 9.3 7.6 11.4



#24

1,1-Dichloroethane

Concen: 52.725 ug/l

RT: 5.81 min Scan# 1256

Delta R.T. -0.01 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

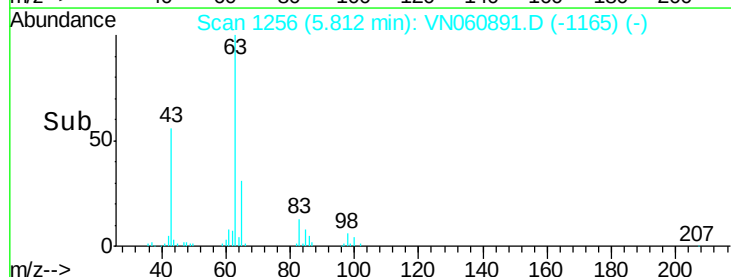
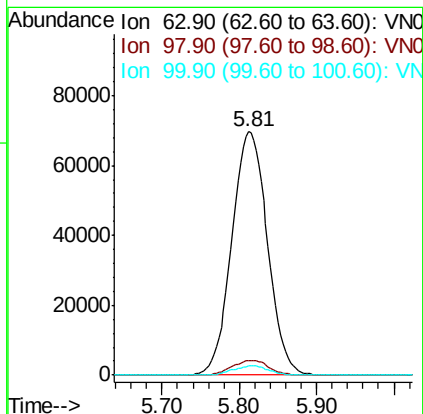
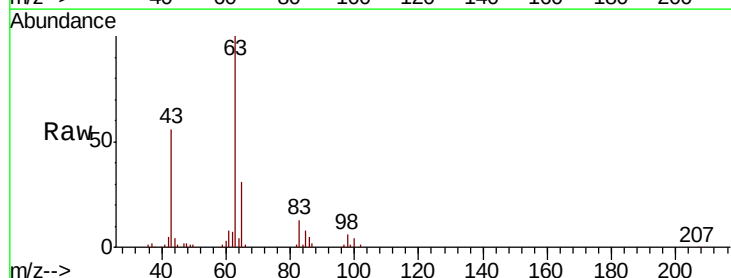
Tgt Ion: 63 Resp: 222873

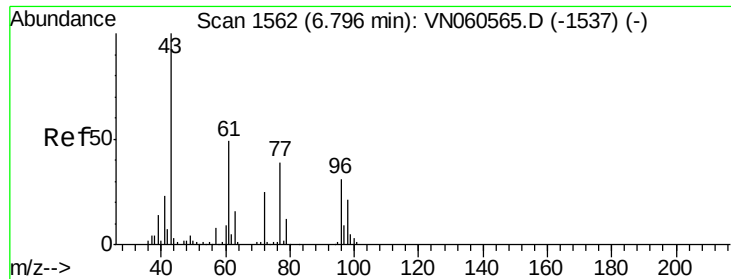
Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.7

100 3.8 1.8 5.5





#25

2-Butanone

Concen: 278.244 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

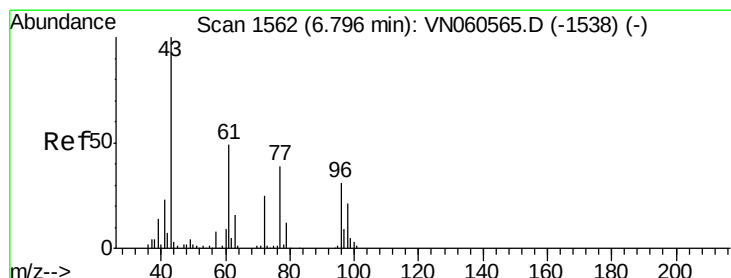
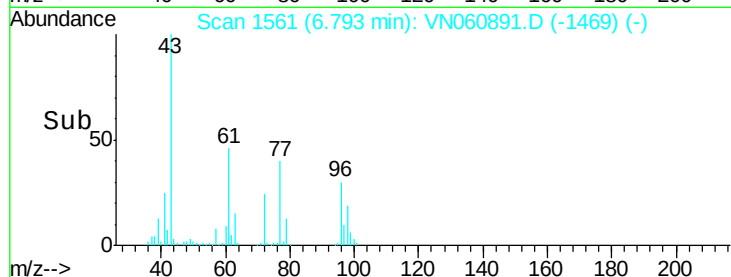
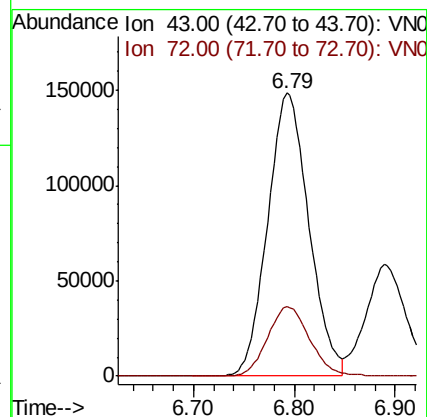
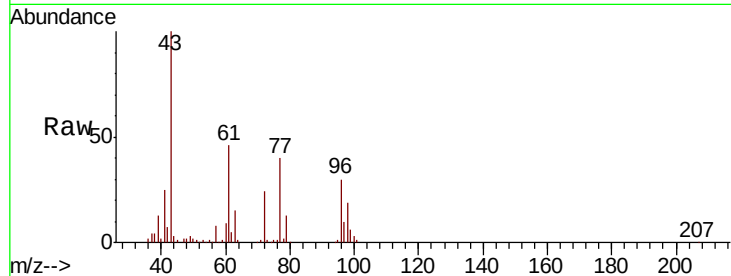
ClientSampled :

Tot Ion: 43 Resp: 421980

Ion Ratio Lower Upper

43 100

72 24.5 20.4 30.6



#26

2,2-Dichloropropane

Concen: 57.259 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060891.D

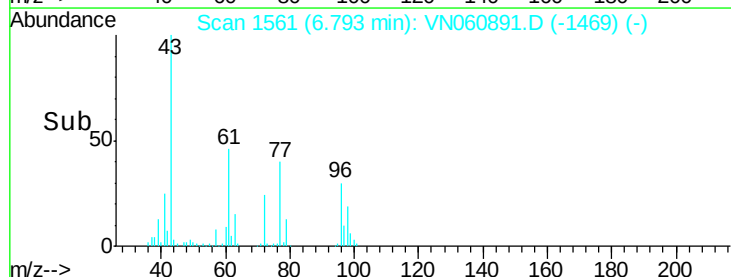
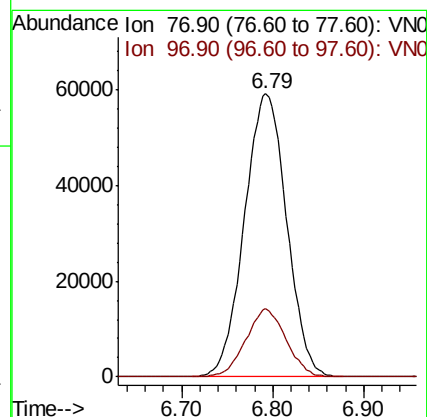
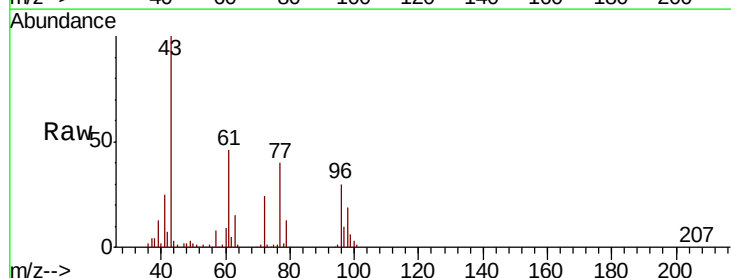
Acq: 8 Apr 2020 10:17

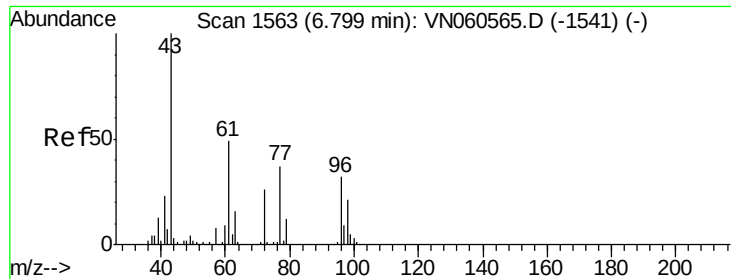
Tgt Ion: 77 Resp: 190432

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 51.310 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

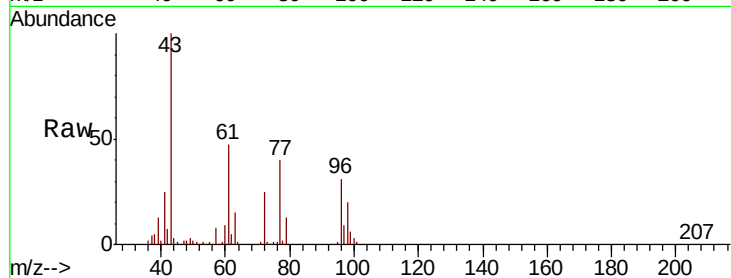
Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

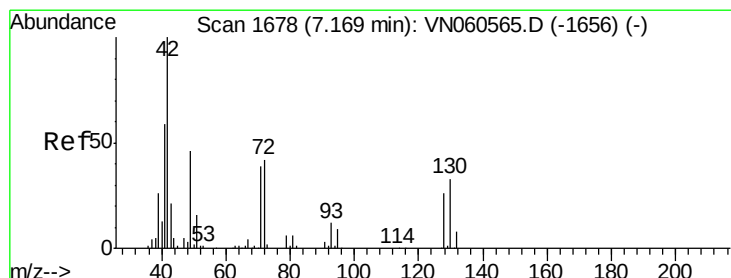
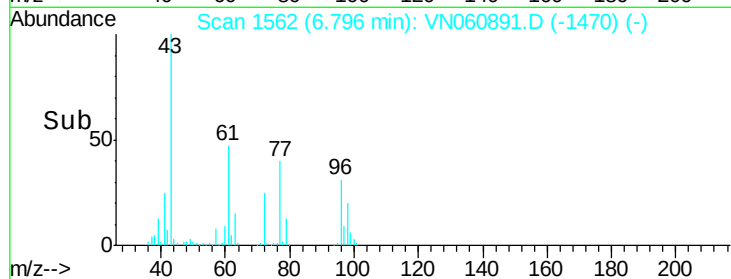
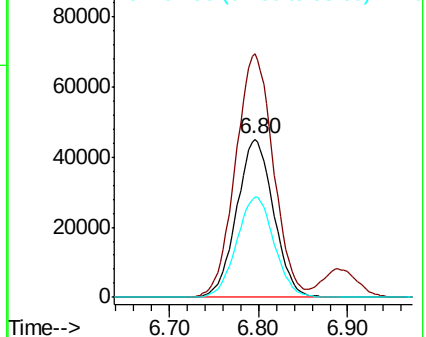
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 129677

Ion	Ratio	Lower	Upper
96	100		
61	157.7	0.0	305.6
98	64.4	0.0	127.6



Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO



#28

Bromochloromethane

Concen: 50.197 ug/l

RT: 7.17 min Scan# 1677

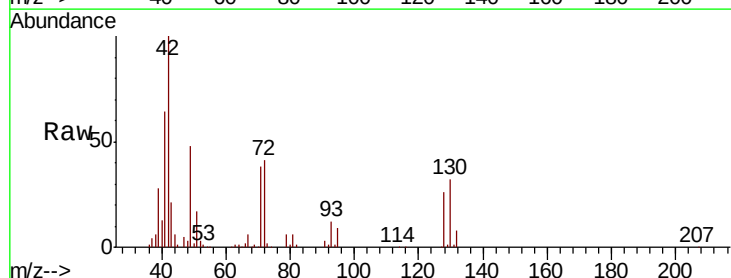
Delta R.T. -0.00 min

Lab File: VN060891.D

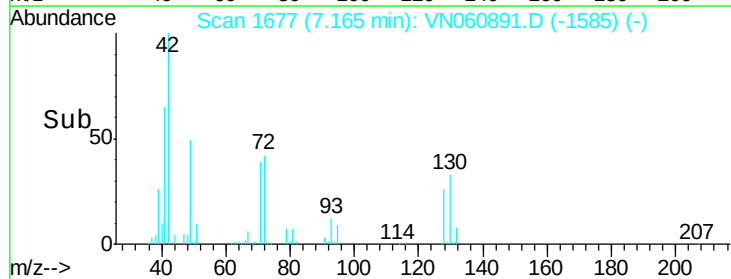
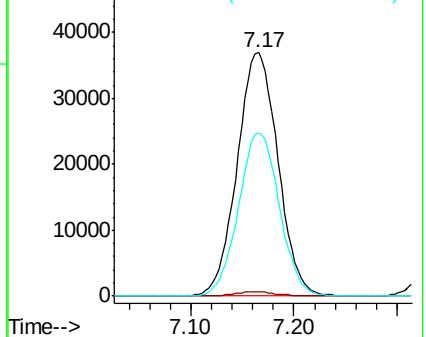
Acq: 8 Apr 2020 10:17

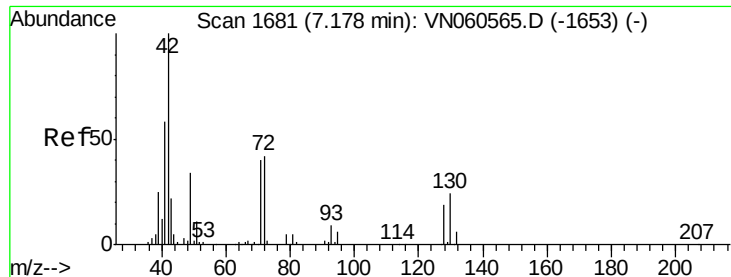
Tgt Ion: 49 Resp: 101518

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	67.1	55.0	82.4



Abundance Ion 48.90 (48.60 to 49.60): VNO
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

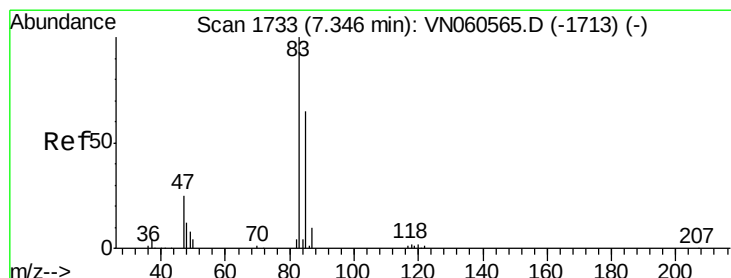
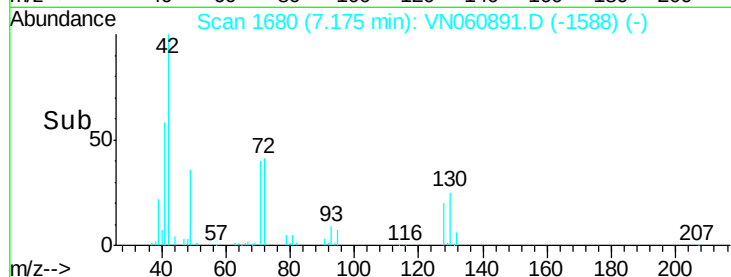
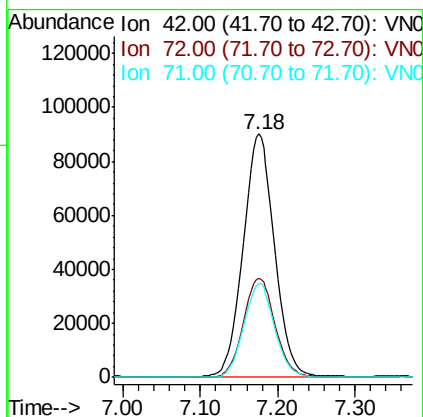
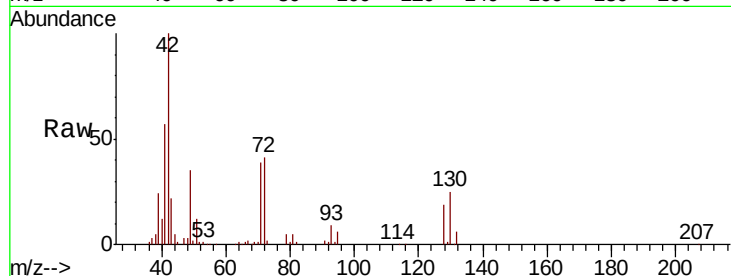




#29
Tetrahydrofuran
Concen: 238.195 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

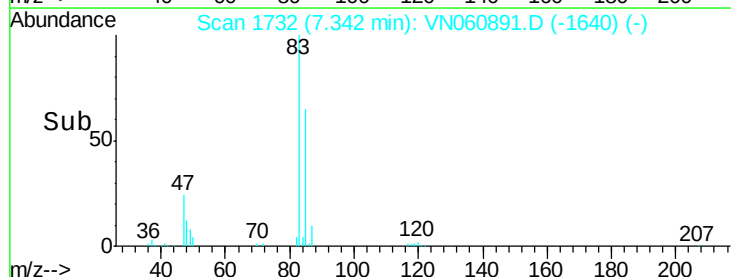
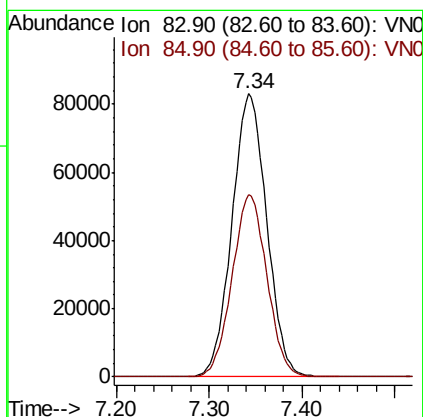
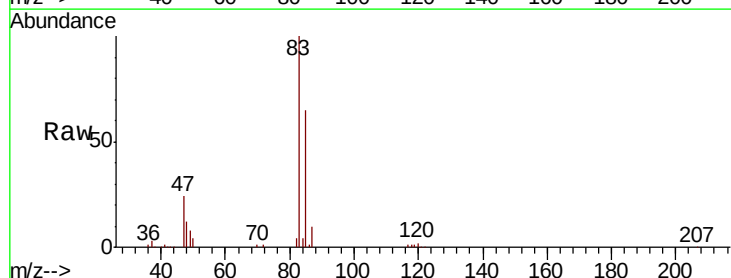
Instrument :
MSVOA_N
ClientSampled :

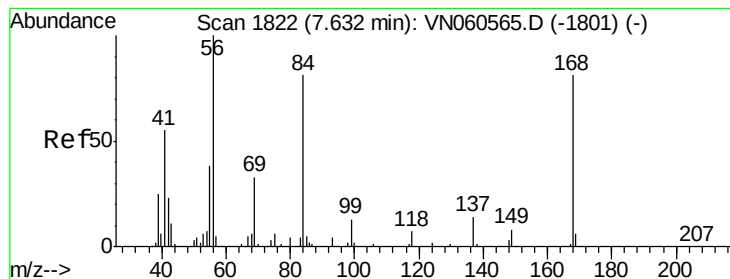
Tot Ion: 42 Resp: 255594
Ion Ratio Lower Upper
42 100
72 41.0 33.2 49.8
71 37.7 31.1 46.7



#30
Chloroform
Concen: 53.261 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion: 83 Resp: 215831
Ion Ratio Lower Upper
83 100
85 64.6 51.8 77.8





#31

Cyclohexane

Concen: 48.038 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

ClientSampled :

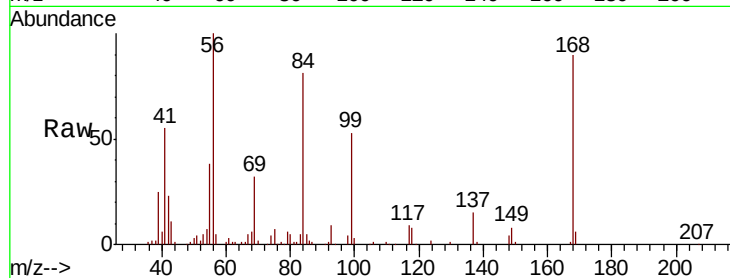
Tot Ion: 56 Resp: 204714

Ion Ratio Lower Upper

56 100

69 32.2 26.6 40.0

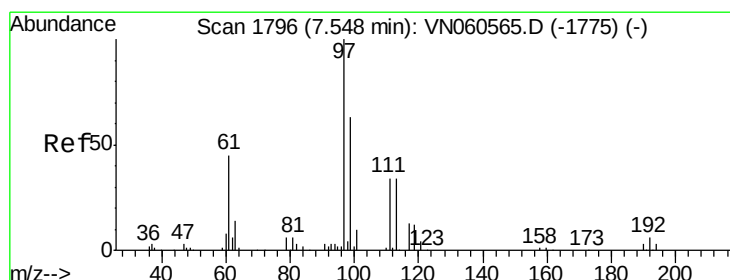
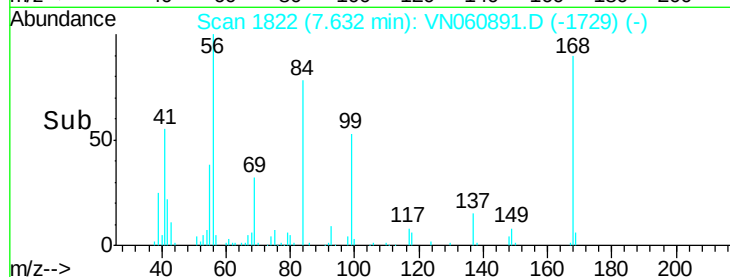
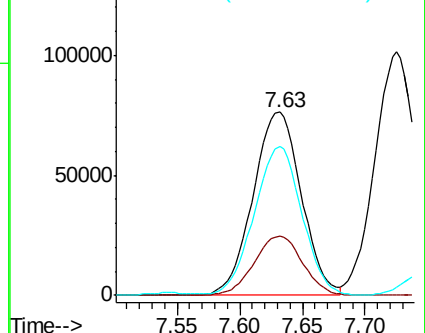
84 80.5 64.3 96.5



Abundance Ion 56.00 (55.70 to 56.70): VN060891.D (-1729) (-)

Ion 69.00 (68.70 to 69.70): VN060891.D (-1729) (-)

Ion 84.00 (83.70 to 84.70): VN060891.D (-1729) (-)



#32

1,1,1-Trichloroethane

Concen: 52.019 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

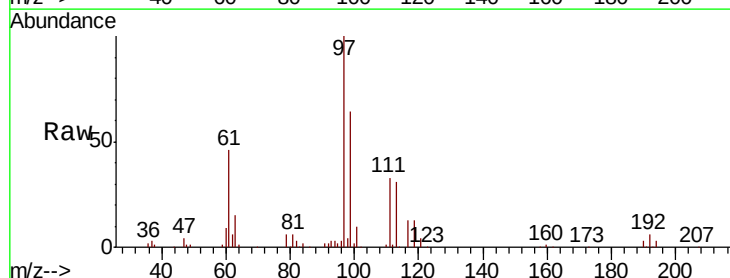
Tgt Ion: 97 Resp: 181721

Ion Ratio Lower Upper

97 100

99 64.5 50.6 75.8

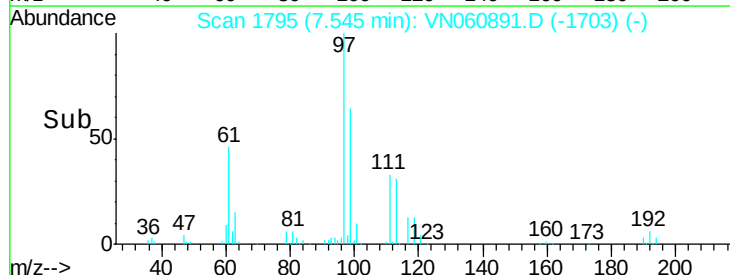
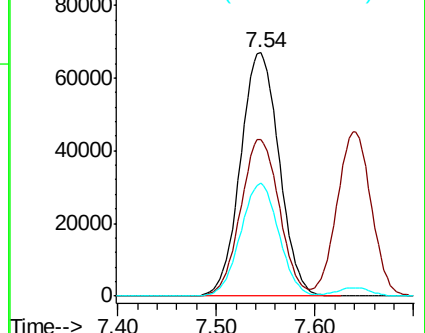
61 45.9 36.2 54.4

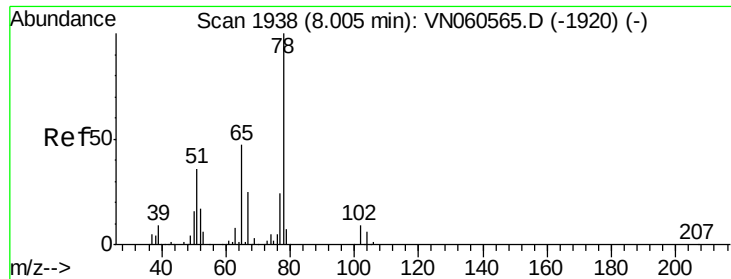


Abundance Ion 96.90 (96.60 to 97.60): VN060891.D (-1703) (-)

Ion 98.90 (98.60 to 99.60): VN060891.D (-1703) (-)

Ion 60.90 (60.60 to 61.60): VN060891.D (-1703) (-)

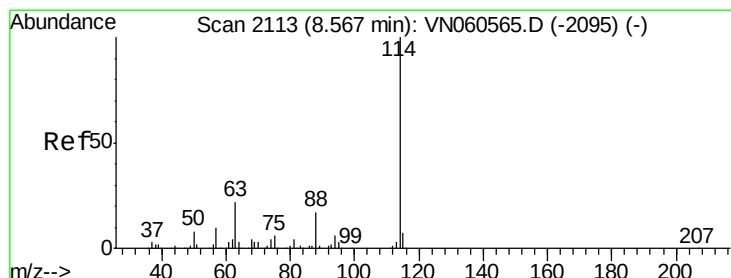
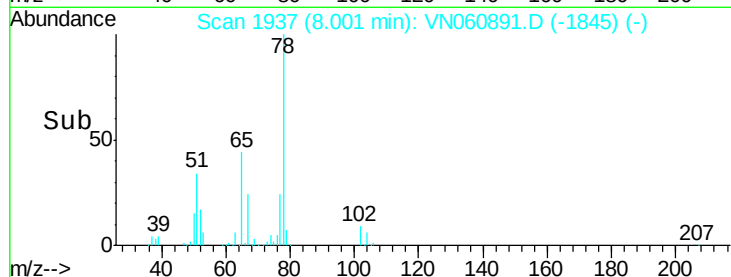
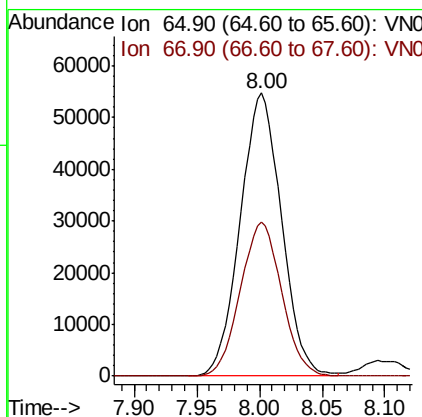
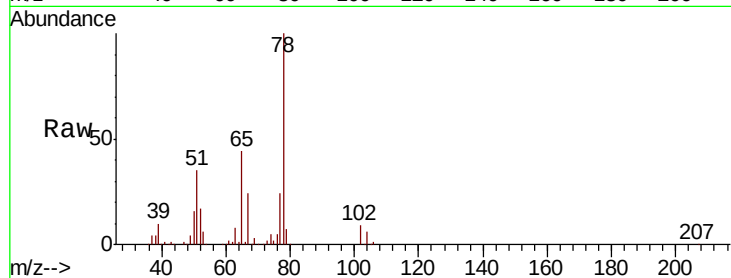




#33
 1,2-Dichloroethane-d4
 Concen: 47.446 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

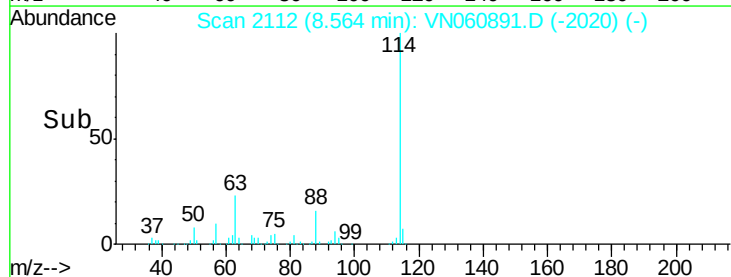
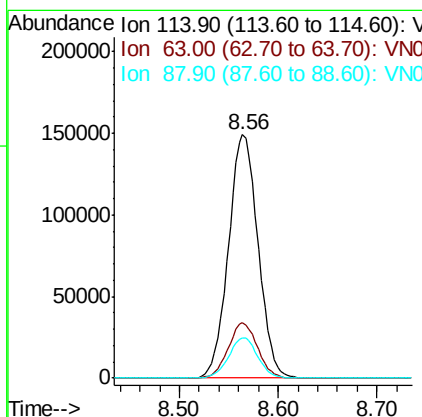
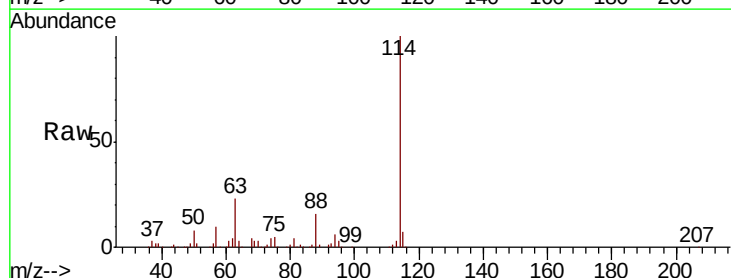
Instrument :
 MSVOA_N
 ClientSampleId :

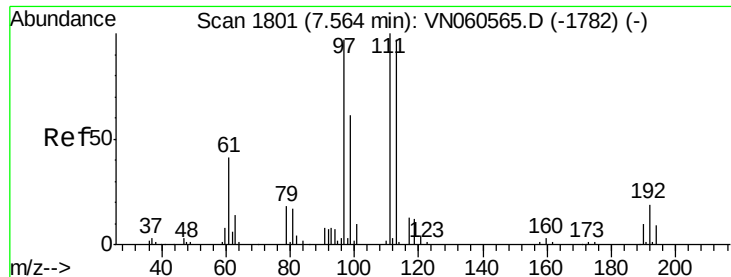
Tot Ion: 65 Resp: 125537
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Tgt Ion: 114 Resp: 312016
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 43.8
 88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.658 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :
MSVOA_N
ClientSampleId :

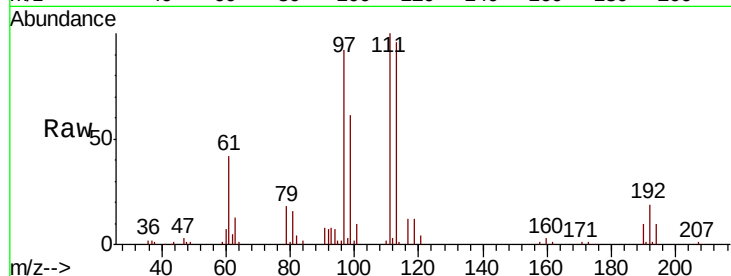
Tot Ion:113 Resp: 95575

Ion Ratio Lower Upper

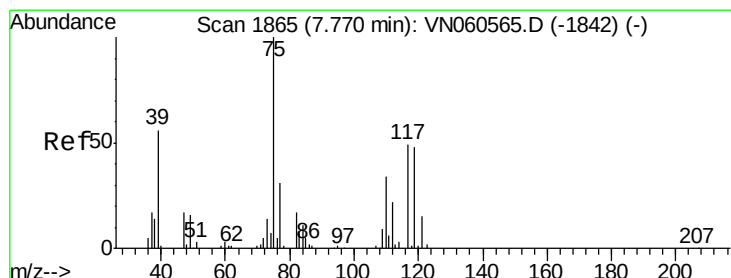
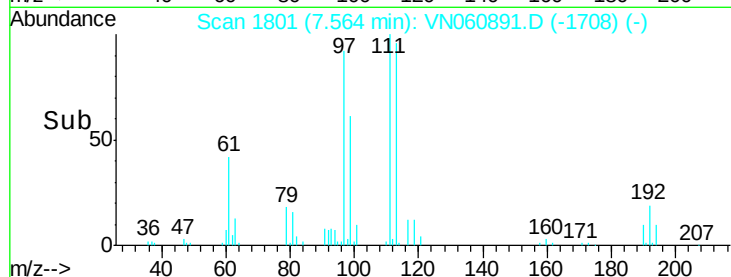
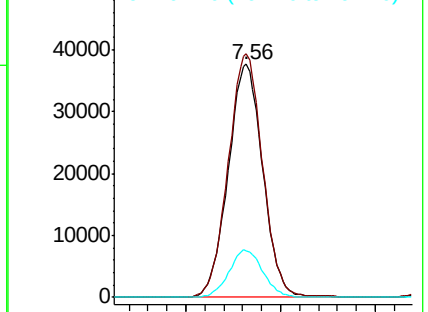
113 100

111 103.5 82.9 124.3

192 19.8 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 54.262 ug/l

RT: 7.77 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

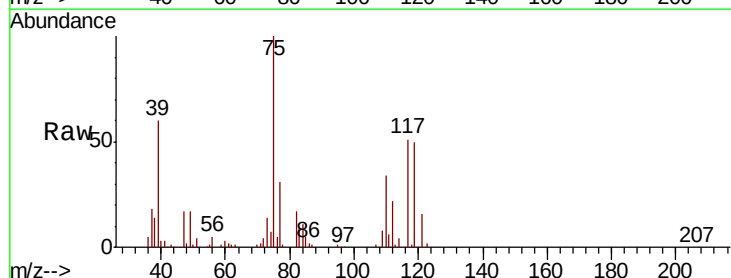
Tgt Ion: 75 Resp: 163942

Ion Ratio Lower Upper

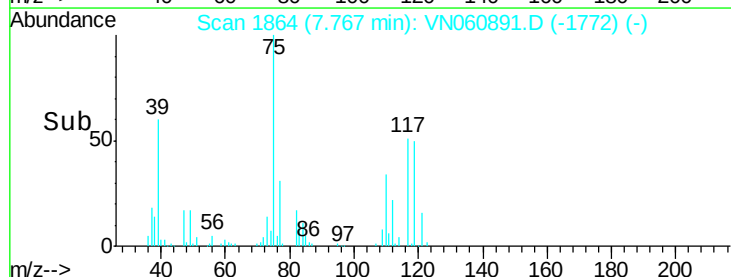
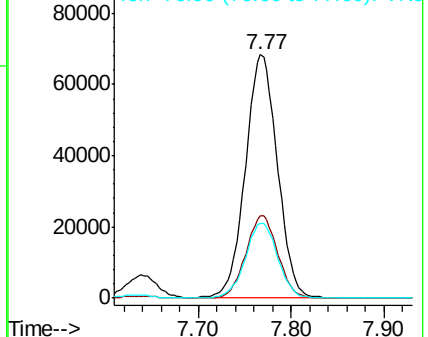
75 100

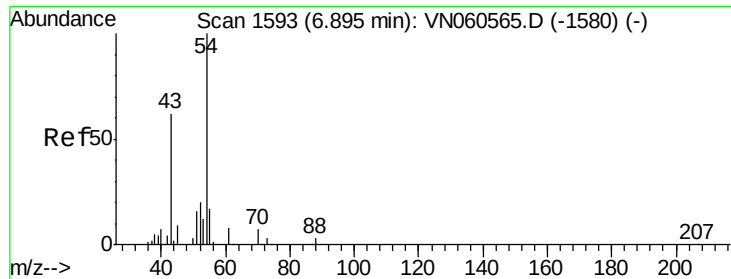
110 33.5 16.9 50.6

77 31.0 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

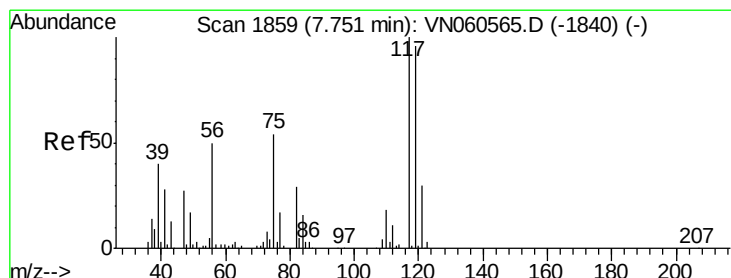
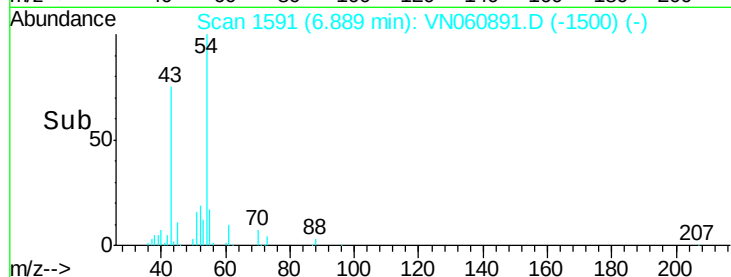
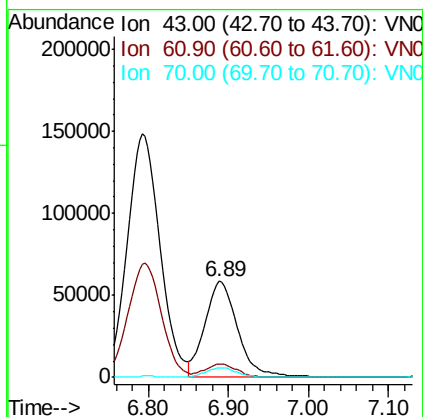
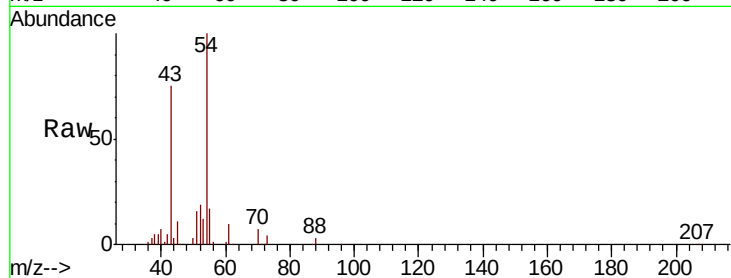




#37
Ethyl Acetate
Concen: 50.736 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

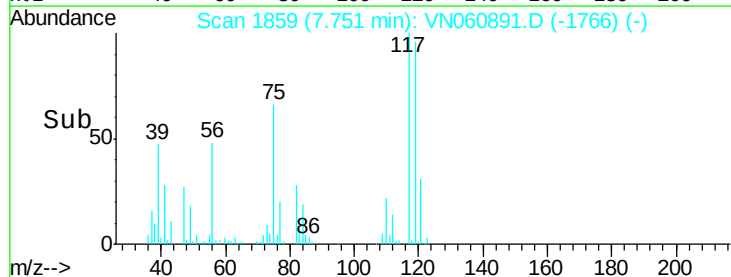
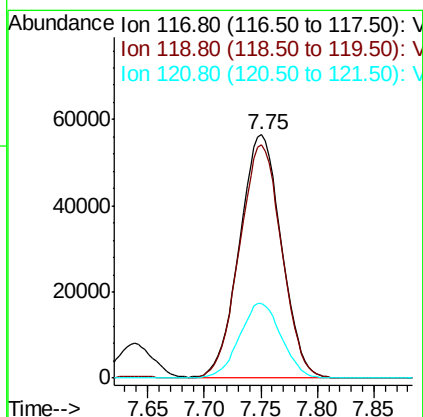
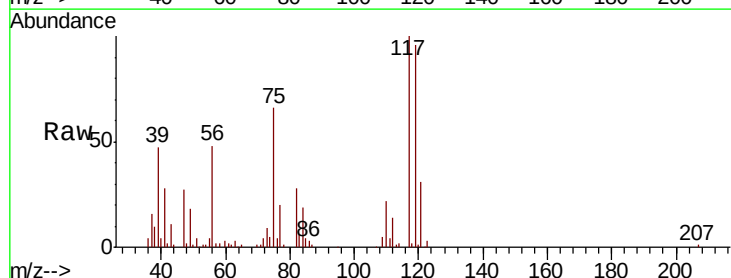
Instrument :
MSVOA_N
ClientSampleId :

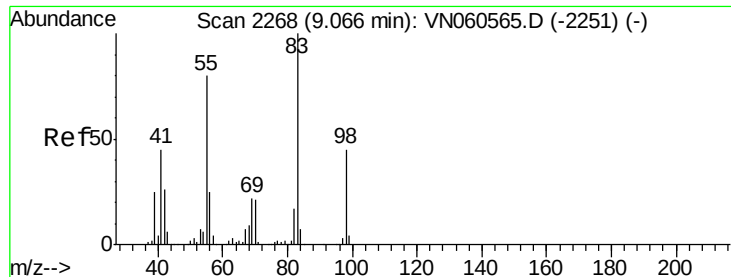
Tot Ion: 43 Resp: 165632
Ion Ratio Lower Upper
43 100
61 13.7 10.6 15.8
70 9.7 7.9 11.9



#38
Carbon Tetrachloride
Concen: 53.822 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion: 117 Resp: 145741
Ion Ratio Lower Upper
117 100
119 95.9 76.2 114.2
121 30.5 23.7 35.5

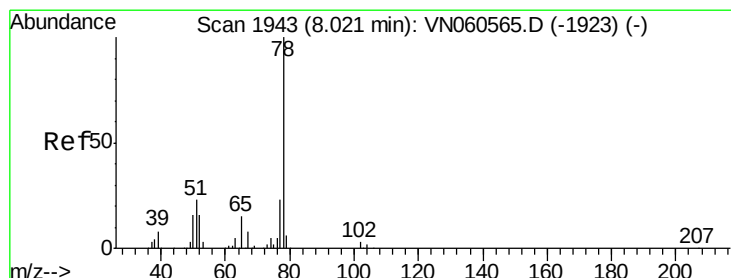
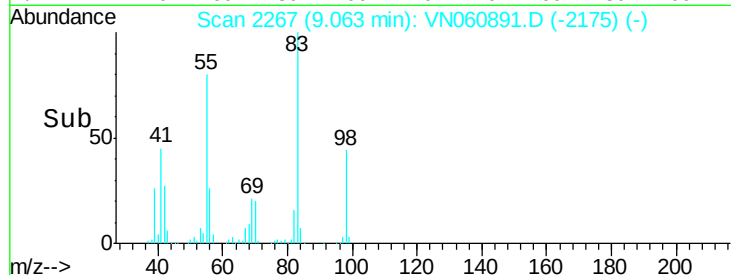
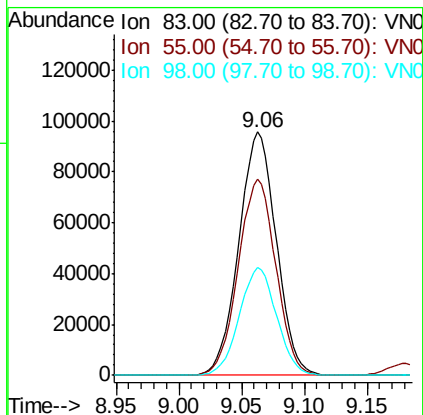
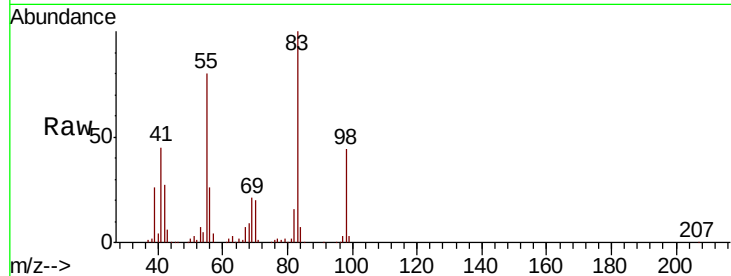




#39
Methylvlcyclohexane
Concen: 55.387 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

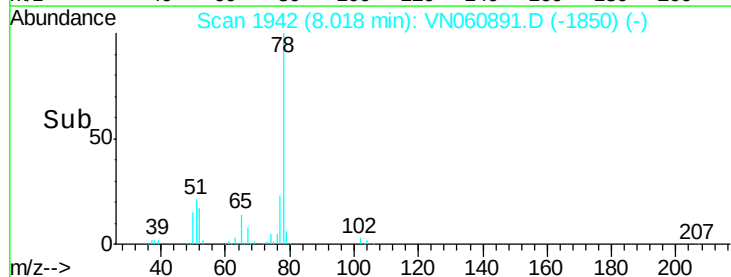
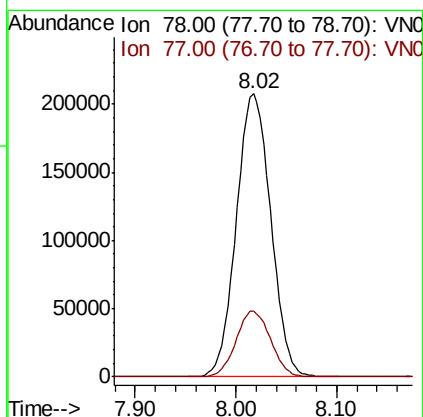
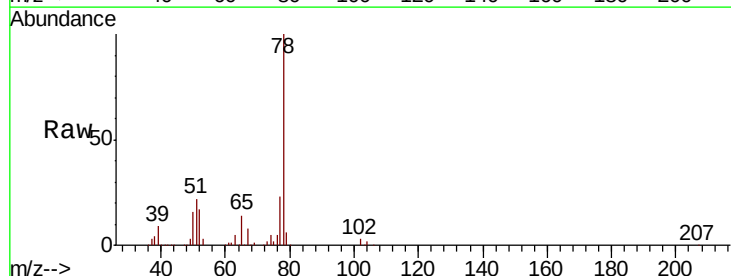
Instrument :
MSVOA_N
ClientSampleId :

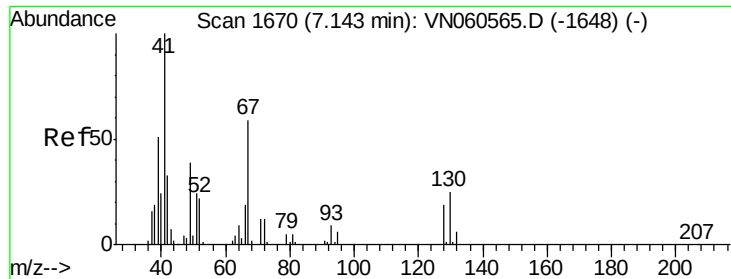
Tot Ion: 83 Resp: 198864
Ion Ratio Lower Upper
83 100
55 80.4 63.6 95.4
98 44.1 36.0 54.0



#40
Benzene
Concen: 53.920 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion: 78 Resp: 491775
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0

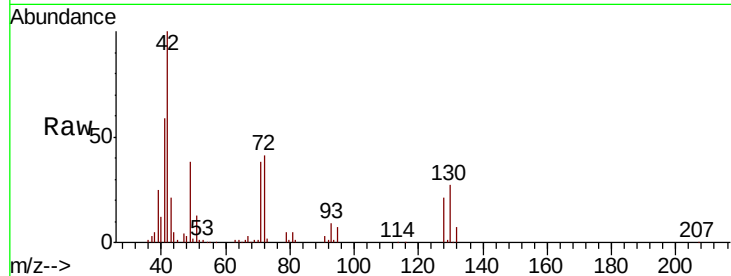




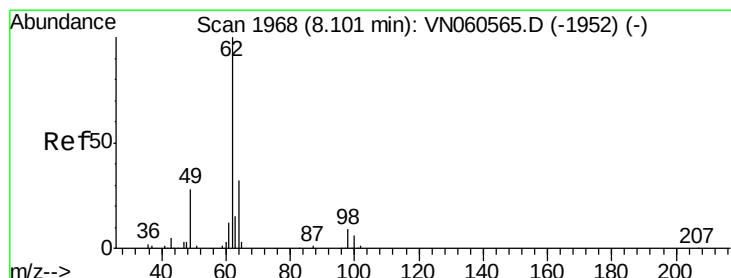
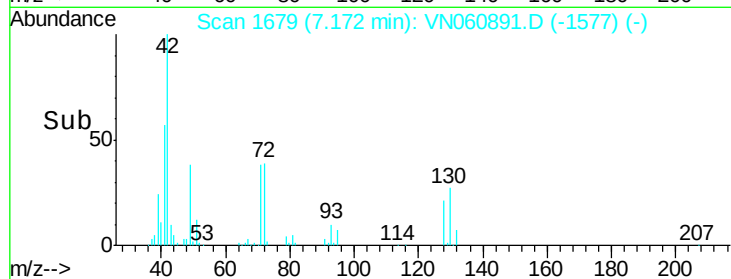
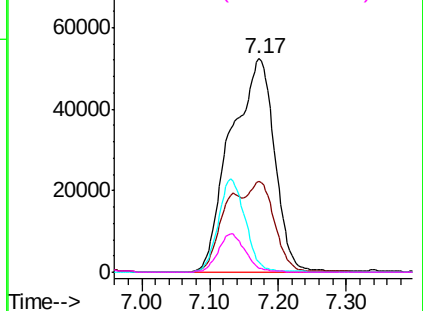
#41
Methacrylonitrile
Concen: 167.975 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.03 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	234026
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

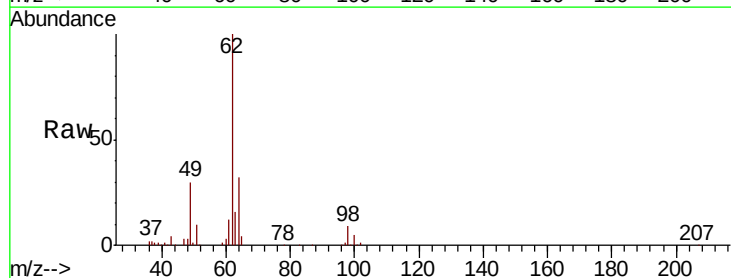


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

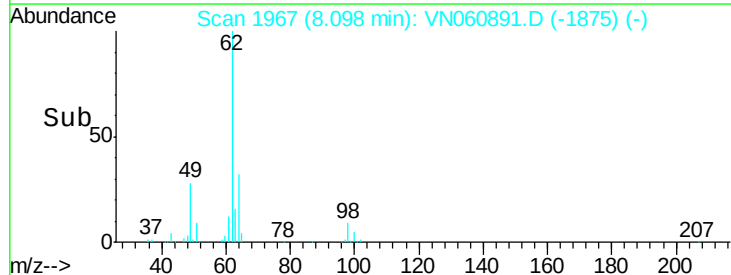
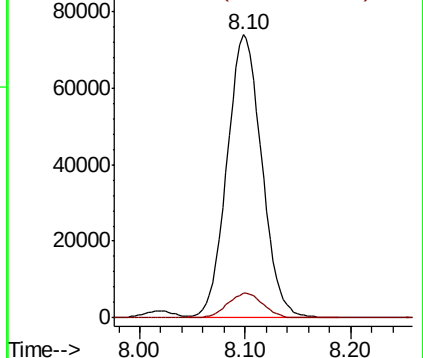


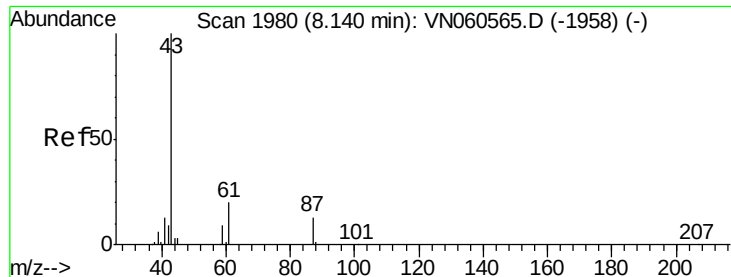
#42
1,2-Dichloroethane
Concen: 54.226 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion:	62	Resp:	169019
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 52.763 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

ClientSampleId :

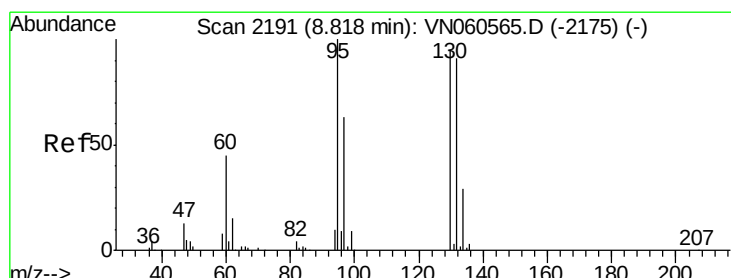
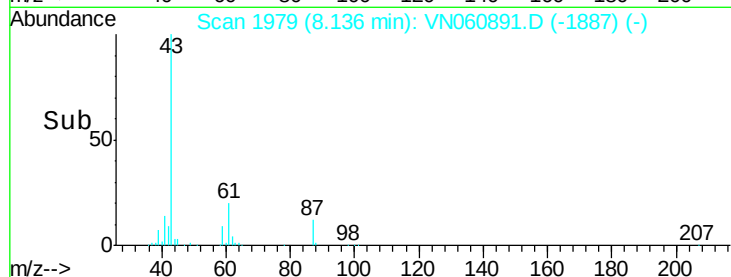
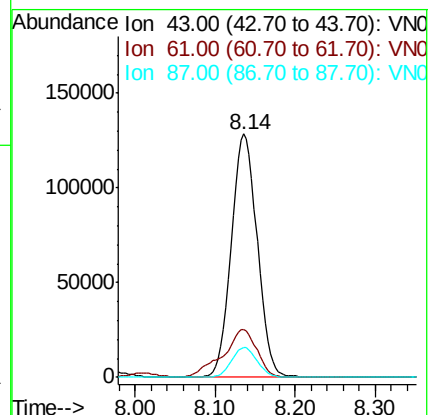
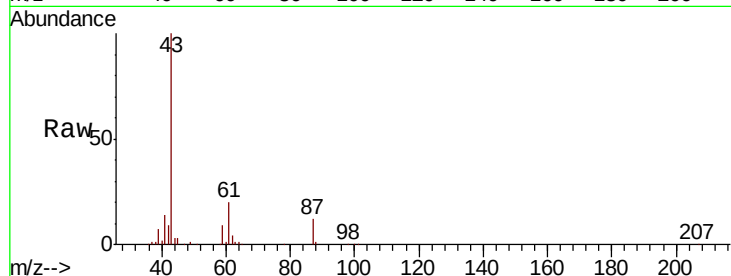
Tot Ion: 43 Resp: 284072

Ion Ratio Lower Upper

43 100

61 26.0 20.7 31.1

87 12.1 9.8 14.8



#44

Trichloroethene

Concen: 53.747 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060891.D

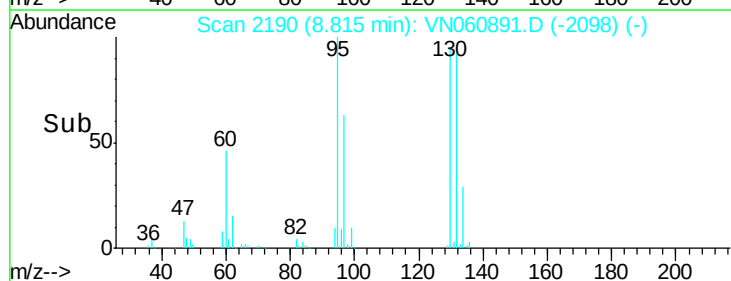
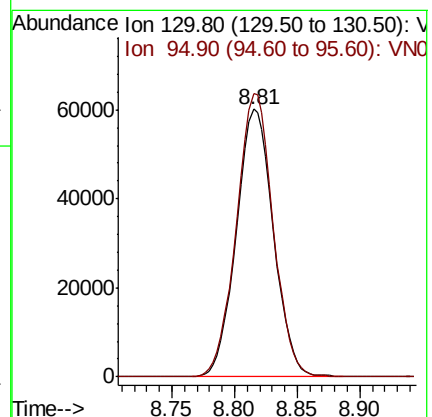
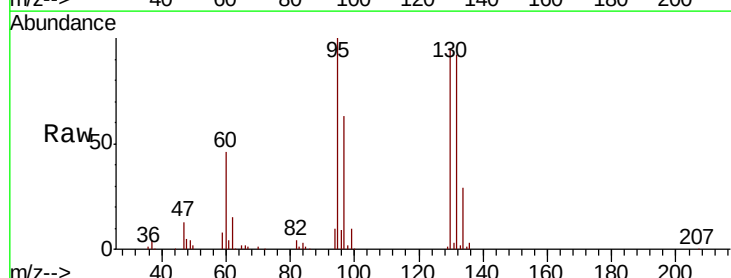
Acq: 8 Apr 2020 10:17

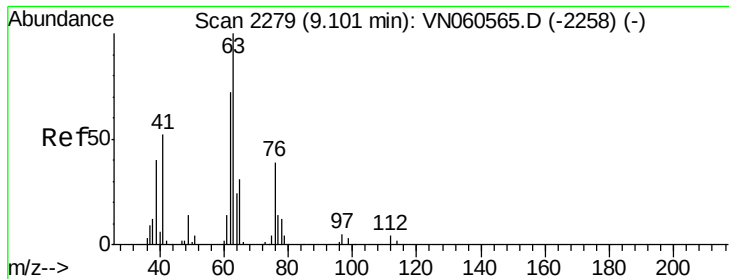
Tgt Ion:130 Resp: 123575

Ion Ratio Lower Upper

130 100

95 105.8 0.0 211.2

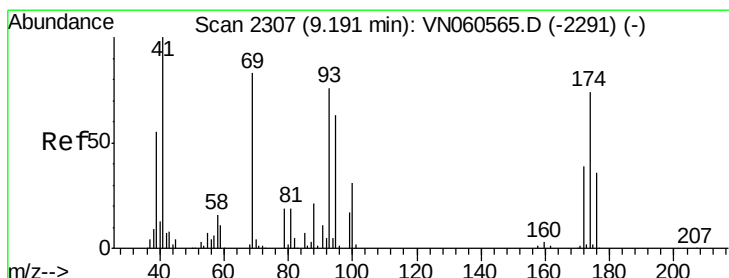
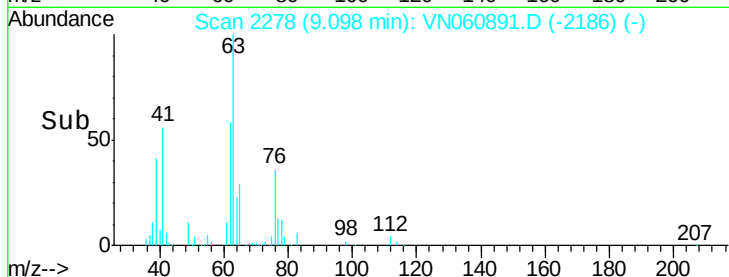
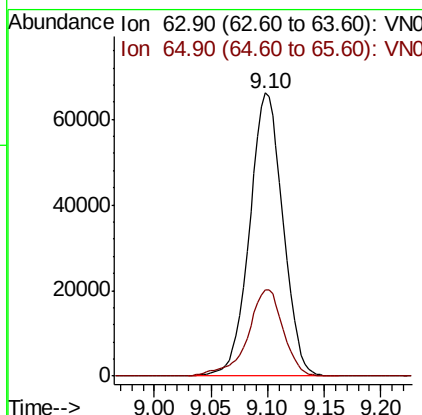
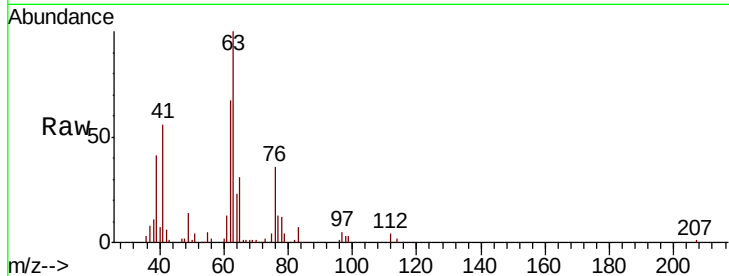




#45
 1,2-Dichloropropane
 Concen: 56.353 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

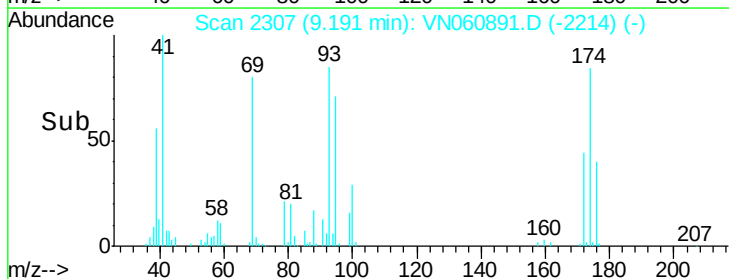
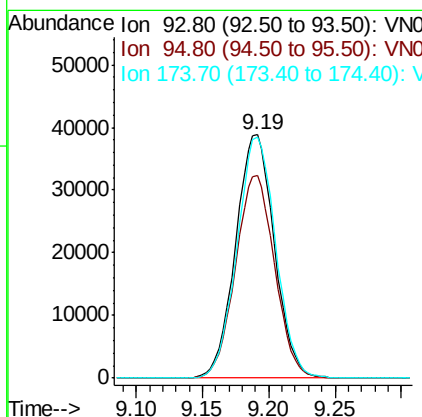
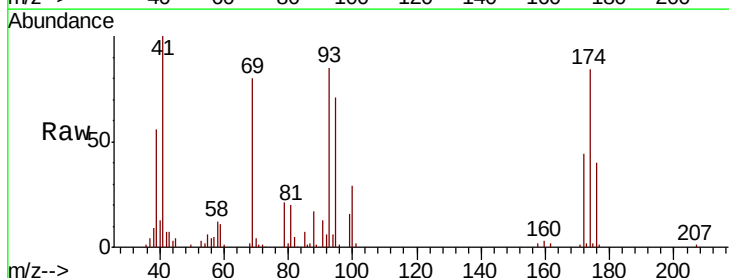
Instrument :
 MSVOA_N
 ClientSampleId :

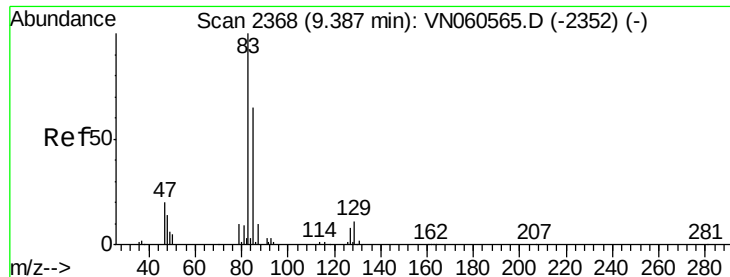
Tot Ion: 63 Resp: 135620
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.4 38.0



#46
 Dibromomethane
 Concen: 54.190 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Tgt Ion: 93 Resp: 78843
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.2 99.4
 174 99.1 77.9 116.9





#47

Bromodichloromethane

Concen: 56.330 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

ClientSampled :

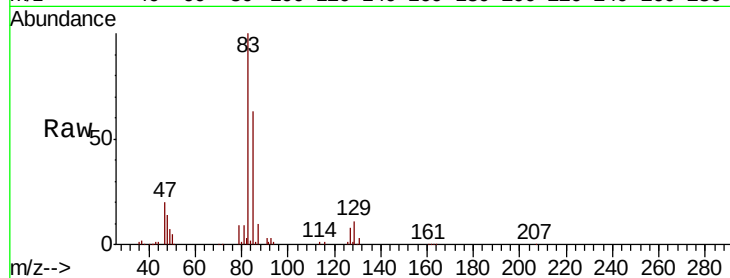
Tot Ion: 83 Resp: 170306

Ion Ratio Lower Upper

83 100

85 63.1 51.8 77.6

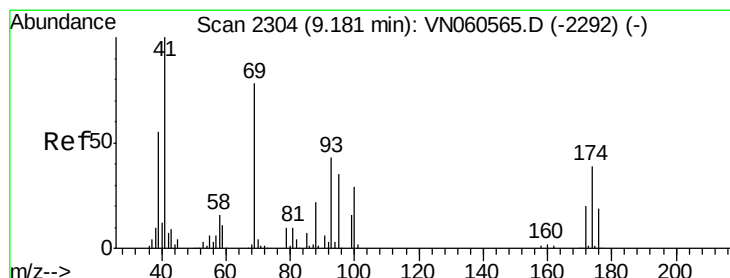
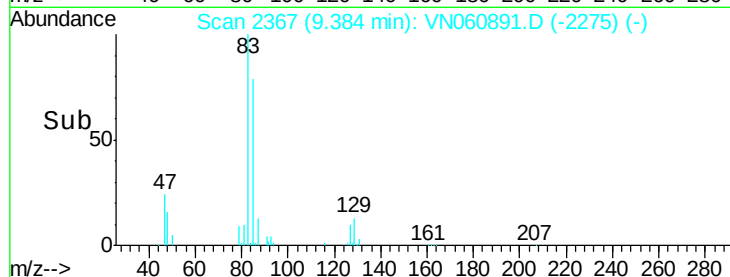
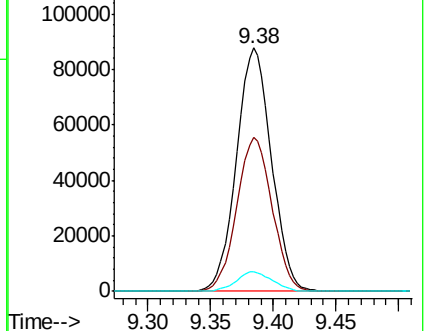
127 8.0 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060891.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060891.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060891.D (-2275) (-)



#48

Methyl methacrylate

Concen: 53.204 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

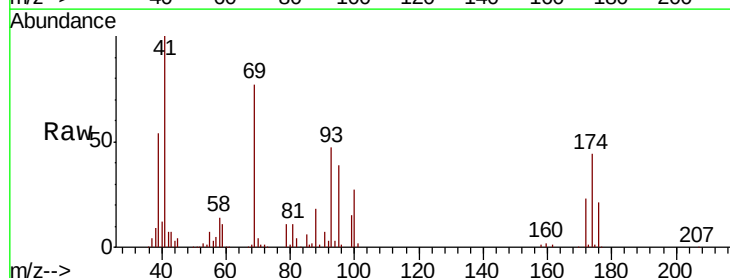
Tgt Ion: 41 Resp: 127533

Ion Ratio Lower Upper

41 100

69 80.1 65.4 98.0

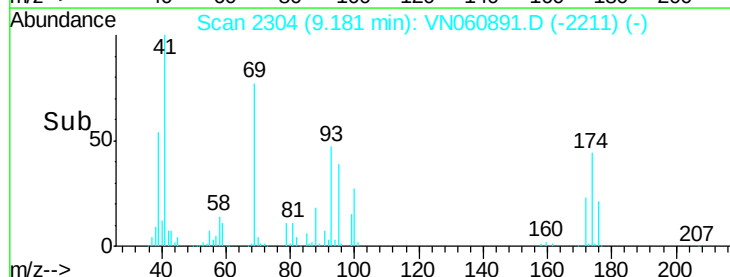
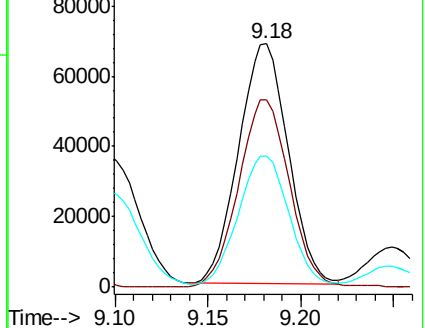
39 53.8 44.0 66.0

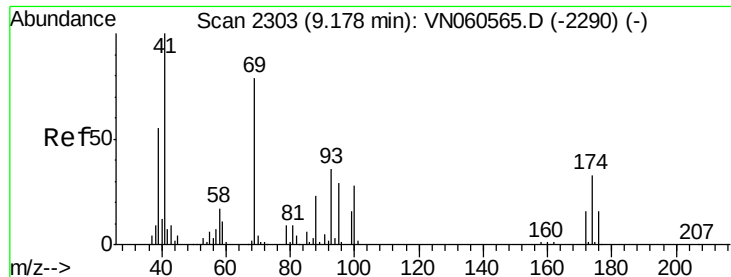


Abundance Ion 41.00 (40.70 to 41.70): VN060891.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060891.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060891.D (-2211) (-)





#49

1,4-Dioxane

Concen: 933.950 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :
MSVOA_N
ClientSampleId :

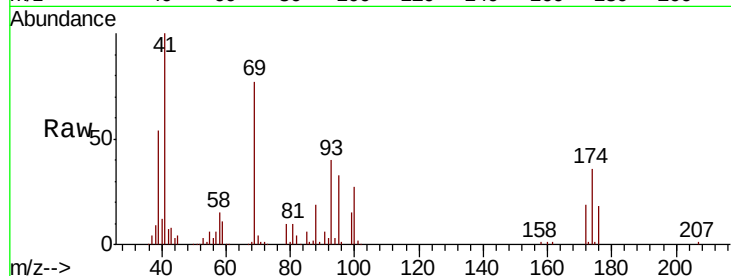
Tot Ion: 88 Resp: 26610

Ion Ratio Lower Upper

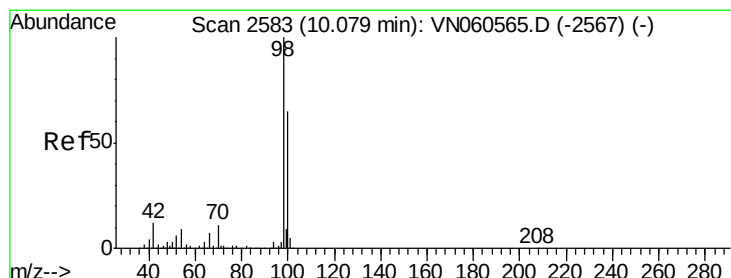
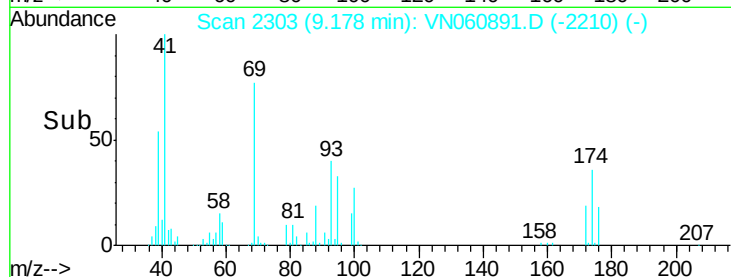
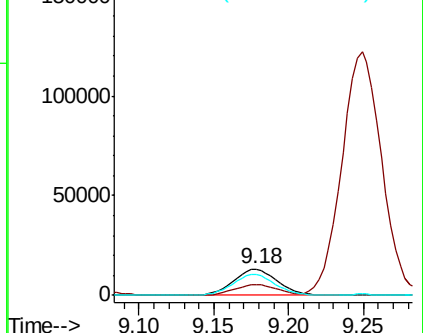
88 100

43 39.6 30.8 46.2

58 78.6 59.8 89.8



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



#50

Toluene-d8

Concen: 49.646 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060891.D

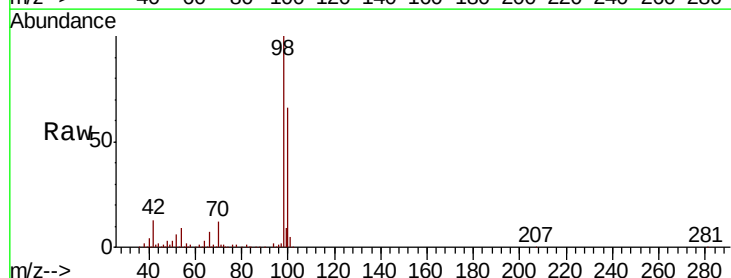
Acq: 8 Apr 2020 10:17

Tgt Ion: 98 Resp: 382585

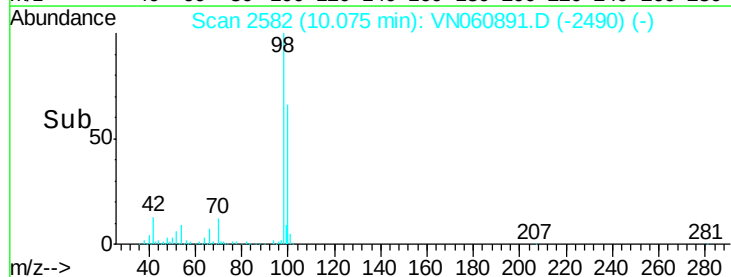
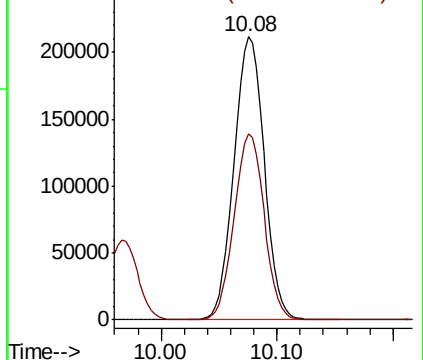
Ion Ratio Lower Upper

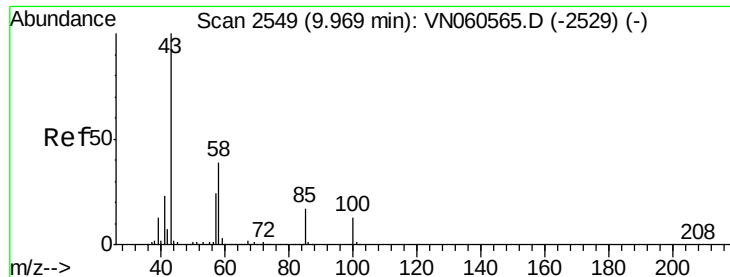
98 100

100 65.2 51.8 77.8



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

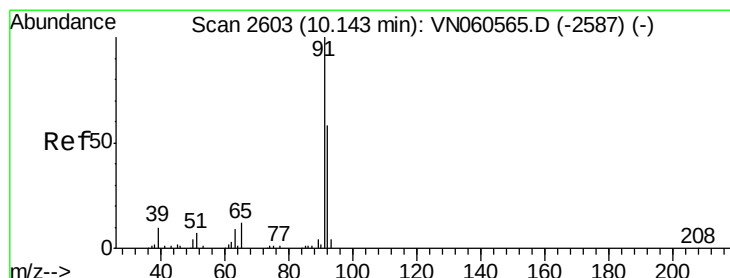
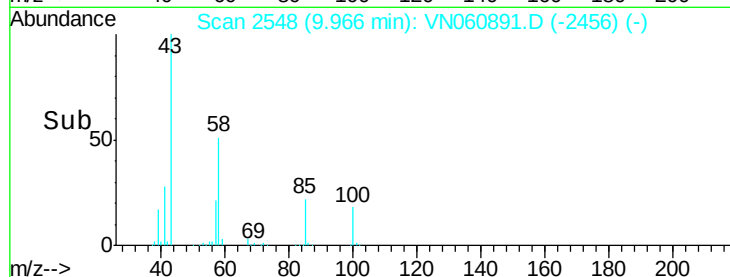
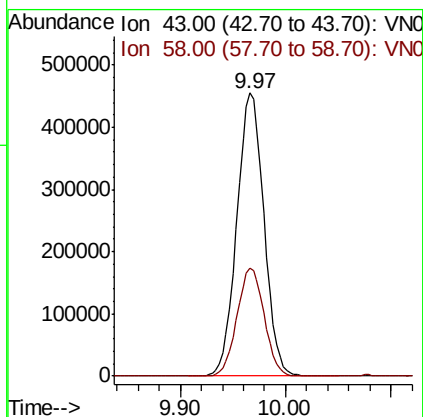
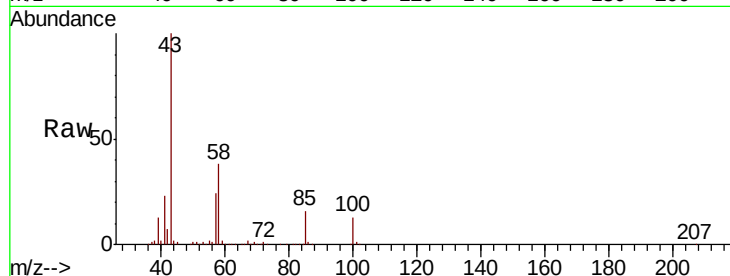




#51
 4-Methyl-2-Pentanone
 Concen: 265.071 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

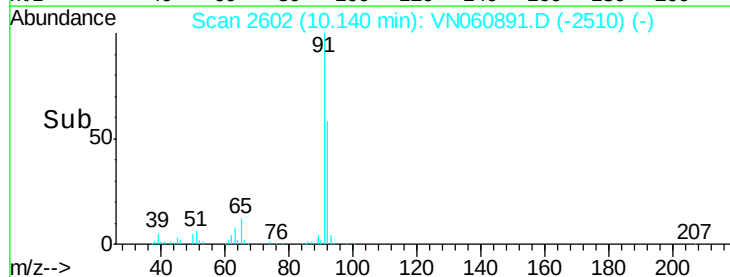
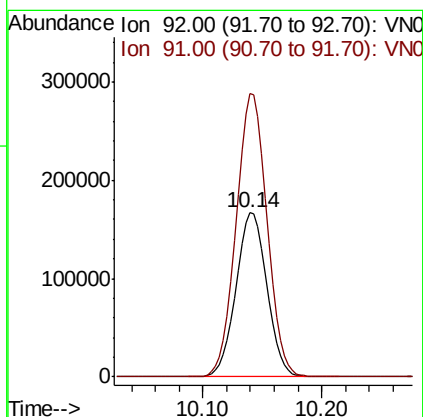
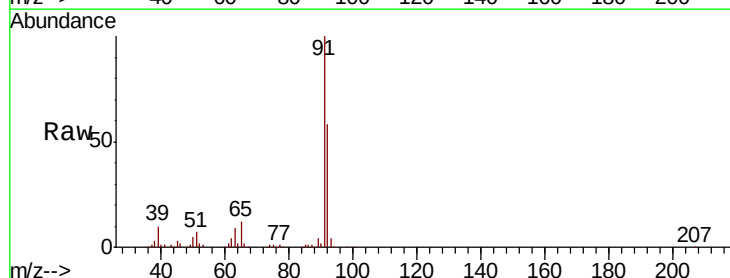
Instrument :
 MSVOA_N
 ClientSampled :

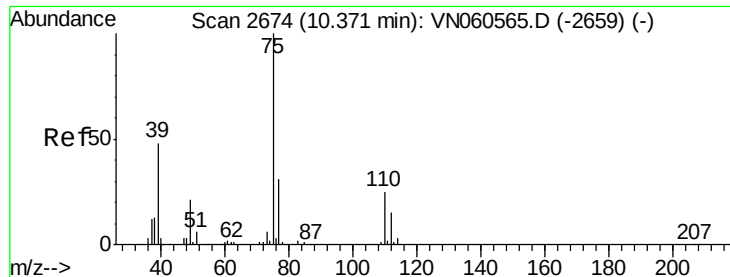
Tot Ion: 43 Resp: 812089
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.8 46.2



#52
 Toluene
 Concen: 54.568 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Tgt Ion: 92 Resp: 300572
 Ion Ratio Lower Upper
 92 100
 91 172.4 137.6 206.4

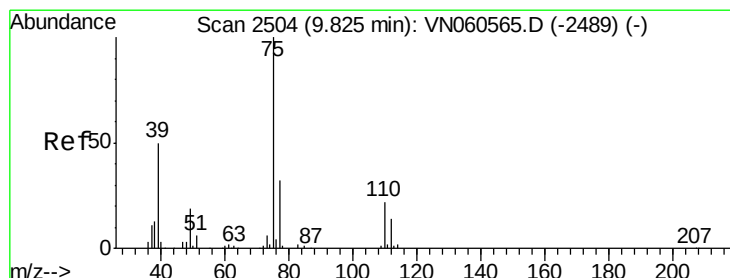
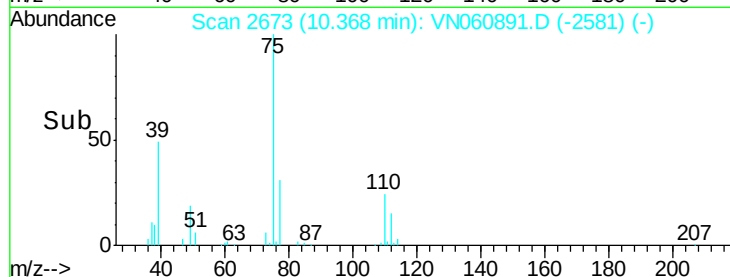
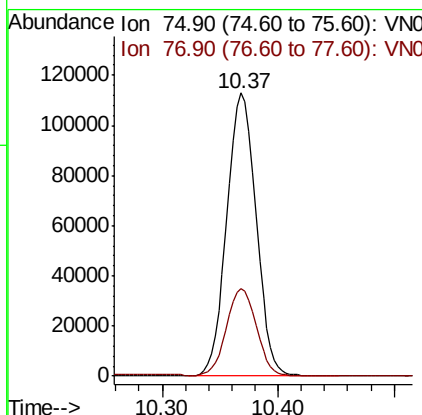
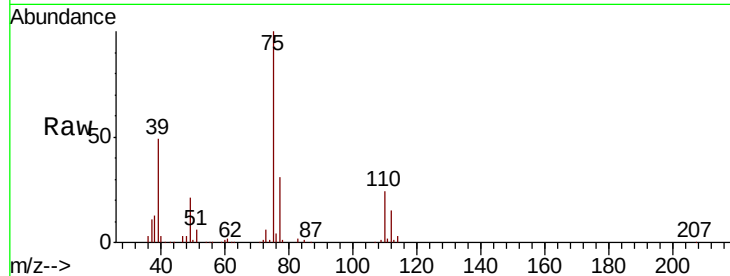




#53
t-1,3-Dichloropropene
Concen: 56.907 ug/l
RT: 10.37 min Scan# 2673
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

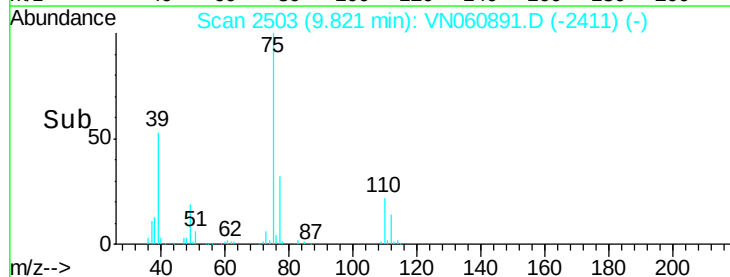
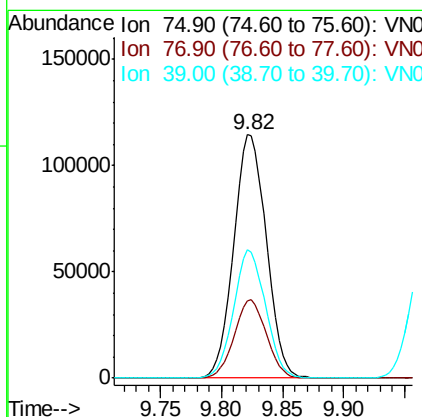
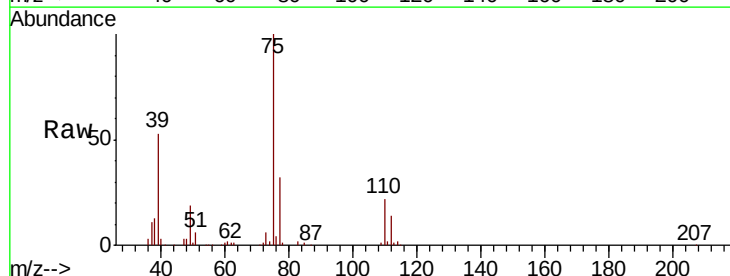
Instrument :
MSVOA_N
ClientSampleId :

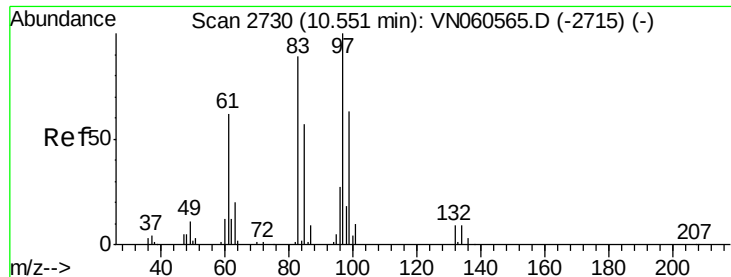
Tot Ion: 75 Resp: 197630
Ion Ratio Lower Upper
75 100
77 30.9 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 55.851 ug/l
RT: 9.82 min Scan# 2503
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion: 75 Resp: 212789
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
39 52.6 40.2 60.4

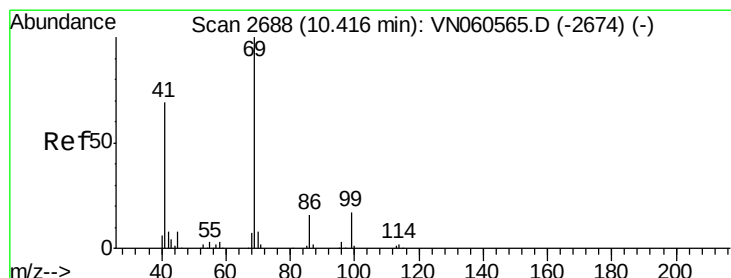
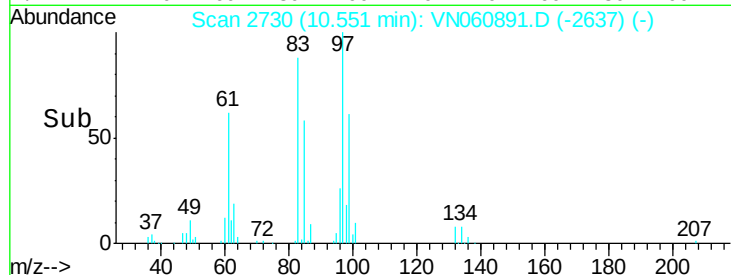
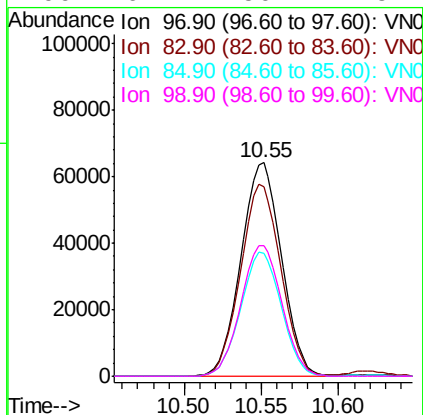
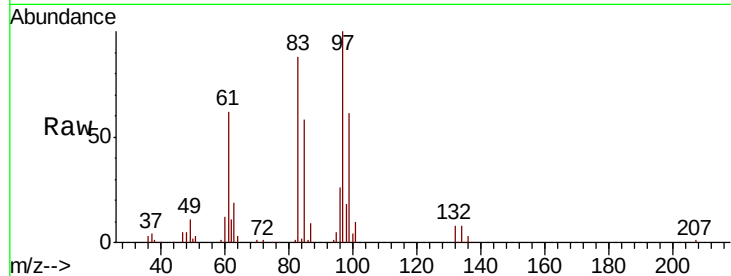




#55
 1,1,2-Trichloroethane
 Concen: 55.246 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

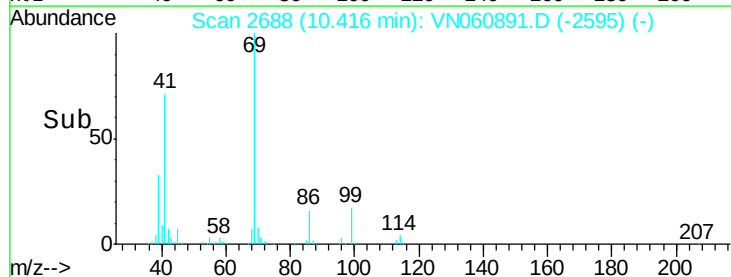
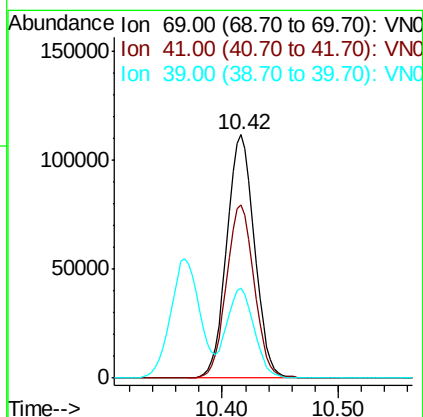
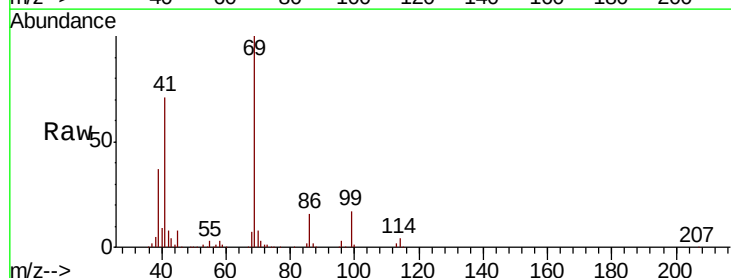
Instrument :
 MSVOA_N
 ClientSampled :

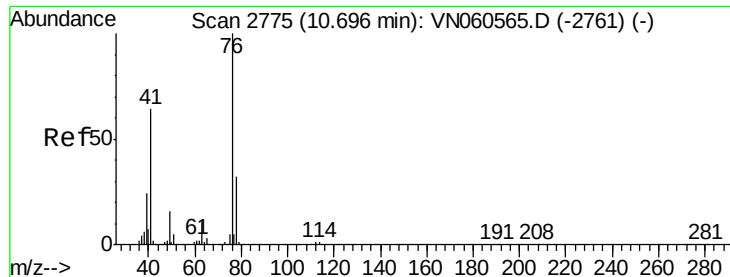
Tot Ion: 97 Resp: 117071
 Ion Ratio Lower Upper
 97 100
 83 88.4 71.3 106.9
 85 57.8 45.2 67.8
 99 61.4 50.1 75.1



#56
 Ethyl methacrylate
 Concen: 55.660 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Tgt Ion: 69 Resp: 183906
 Ion Ratio Lower Upper
 69 100
 41 70.7 55.4 83.2
 39 36.2 29.4 44.0





#57

1,3-Dichloropropane

Concen: 55.204 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

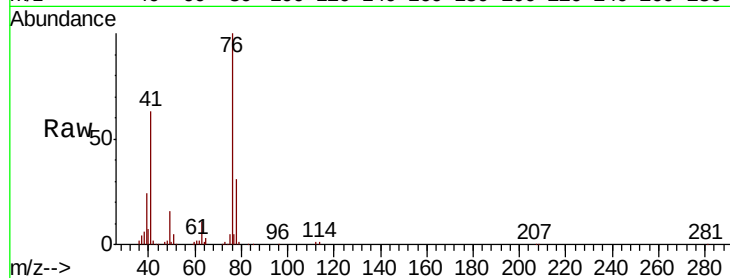
ClientSampled :

Tot Ion: 76 Resp: 202997

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN060891.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN060891.D (-2682) (-)

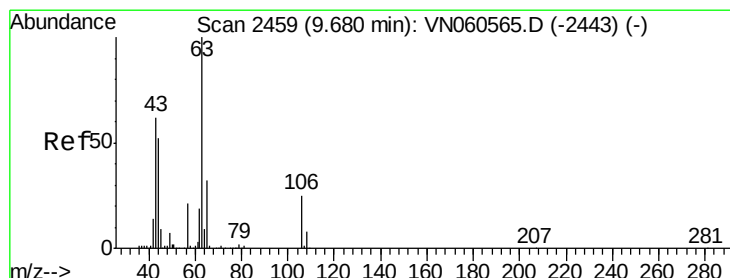
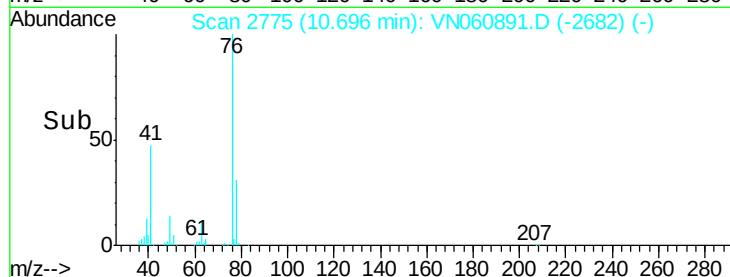
10.70

100000

50000

0

Time--> 10.60 10.65 10.70 10.75



#58

2-Chloroethyl Vinyl ether

Concen: 242.664 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060891.D

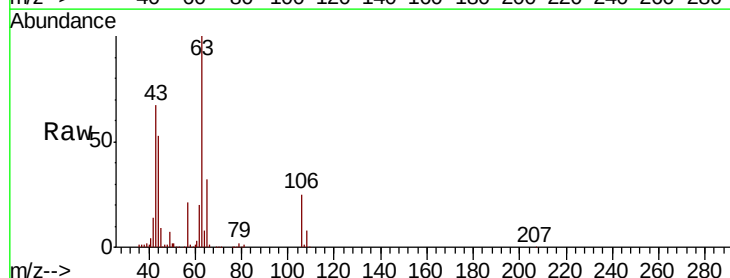
Acq: 8 Apr 2020 10:17

Tgt Ion: 63 Resp: 398500

Ion Ratio Lower Upper

63 100

106 24.9 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN060891.D (-2366) (-)

Ion 105.90 (105.60 to 106.60): VN060891.D (-2366) (-)

9.68

250000

200000

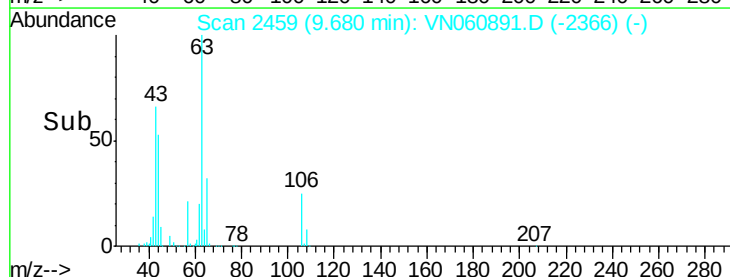
150000

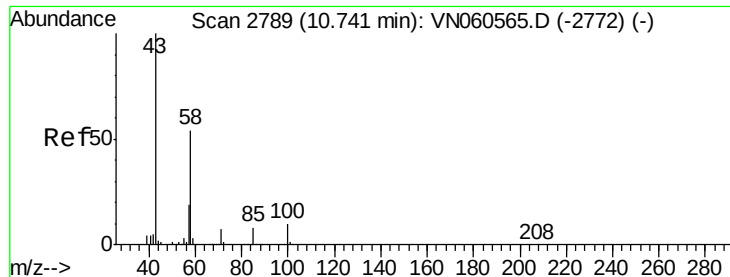
100000

50000

0

Time--> 9.60 9.70 9.80

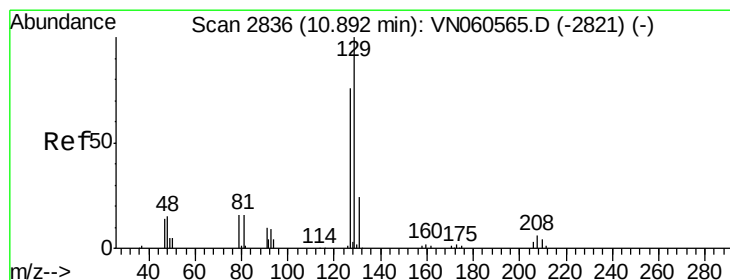
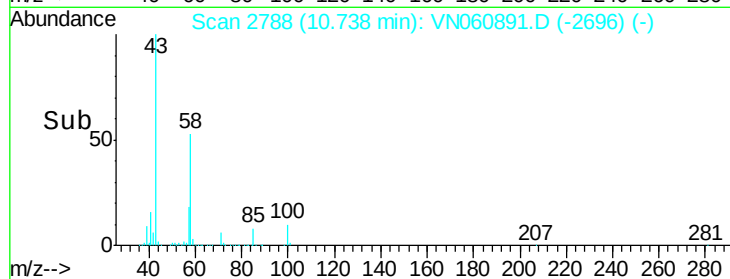
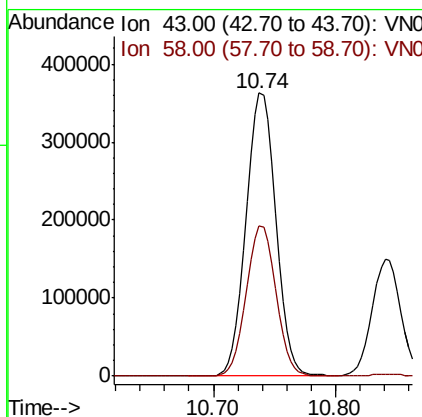
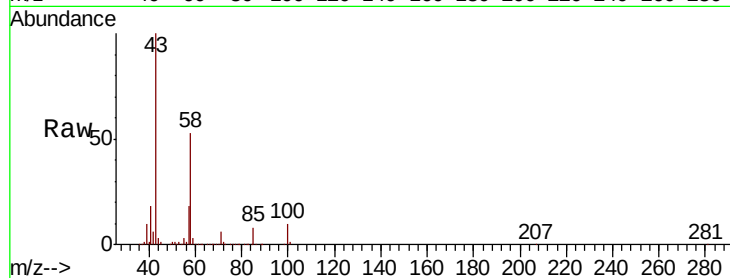




#59
2-Hexanone
Concen: 276.842 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

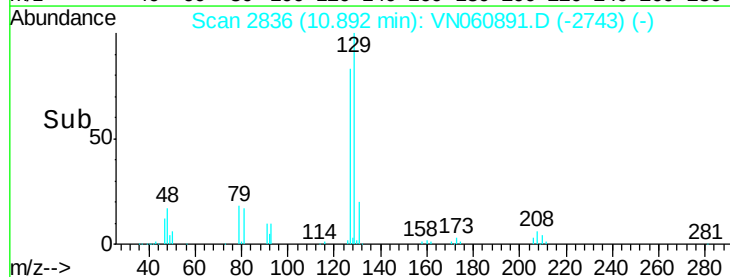
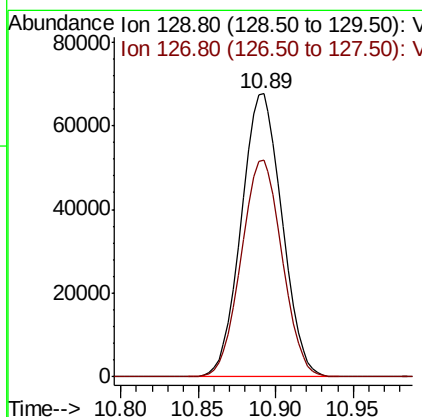
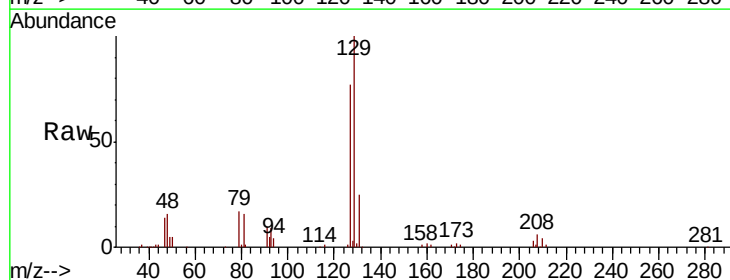
Instrument :
MSVOA_N
ClientSampled :

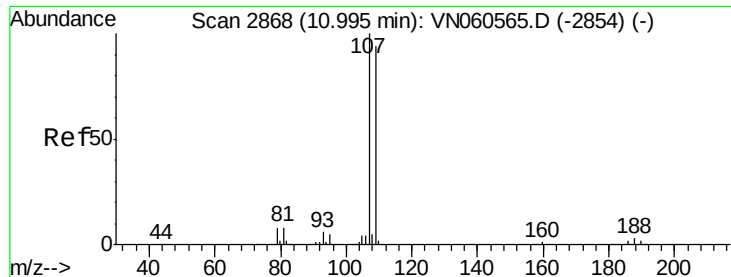
Tot Ion: 43 Resp: 610969
Ion Ratio Lower Upper
43 100
58 52.9 26.7 80.1



#60
Dibromochloromethane
Concen: 56.629 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion: 129 Resp: 123954
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5

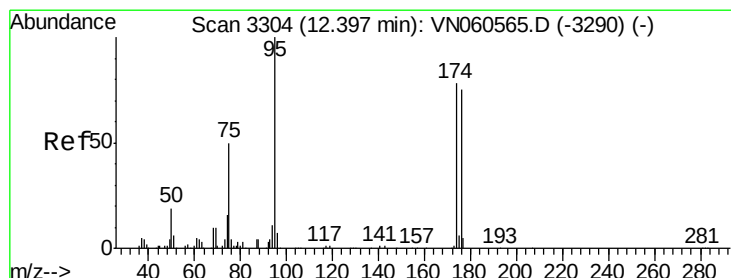
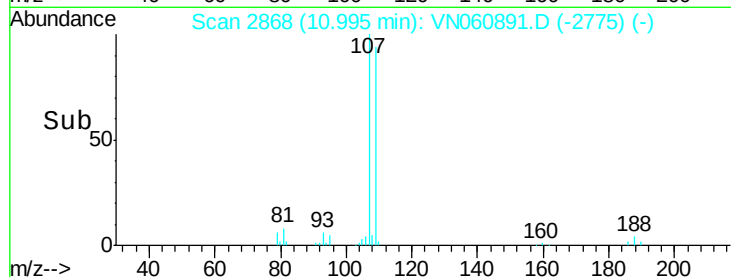
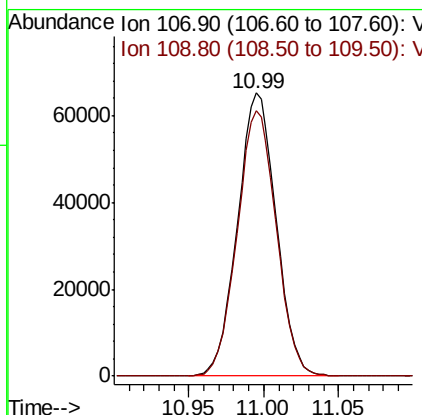
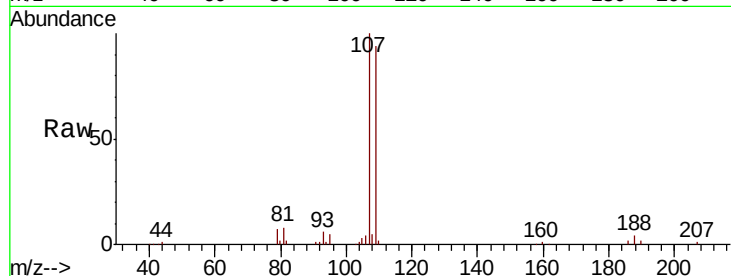




#61
 1,2-Dibromoethane
 Concen: 54.865 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

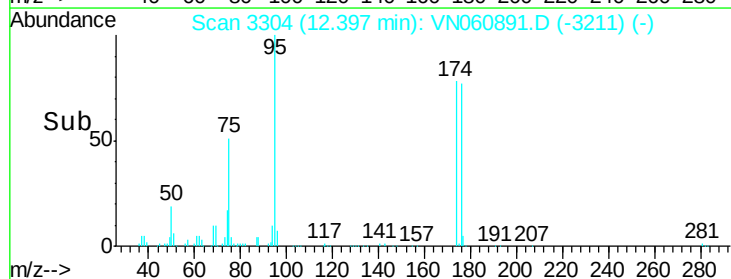
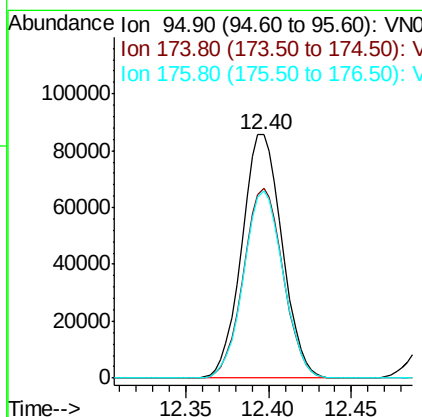
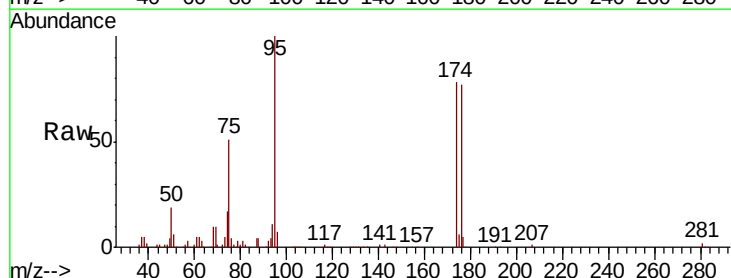
Instrument :
 MSVOA_N
 ClientSampleId :

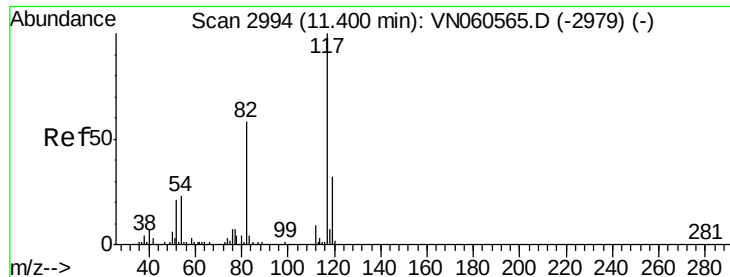
Tot Ion:107 Resp: 116909
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 51.186 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Tgt Ion: 95 Resp: 144561
 Ion Ratio Lower Upper
 95 100
 174 76.9 0.0 157.6
 176 75.4 0.0 150.6

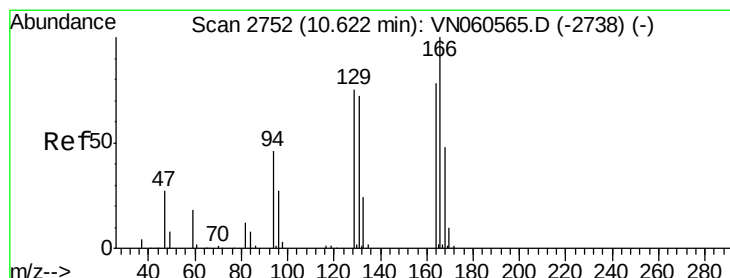
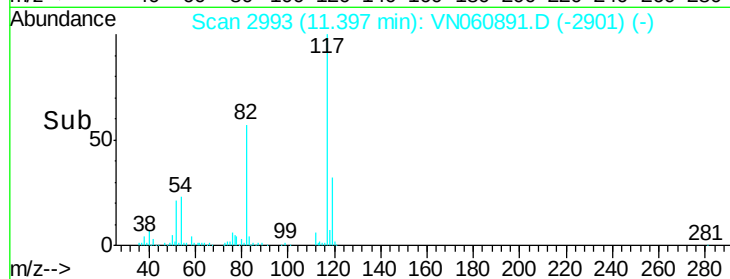
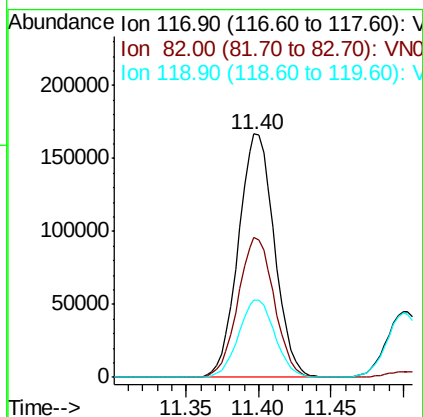
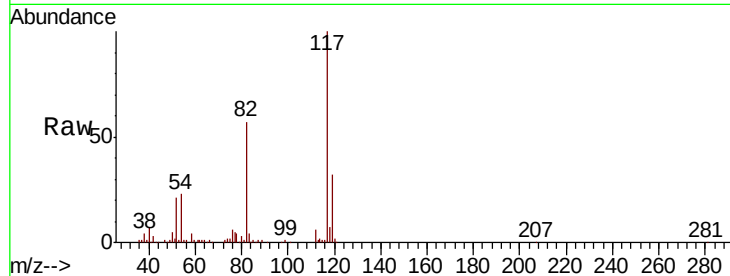




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

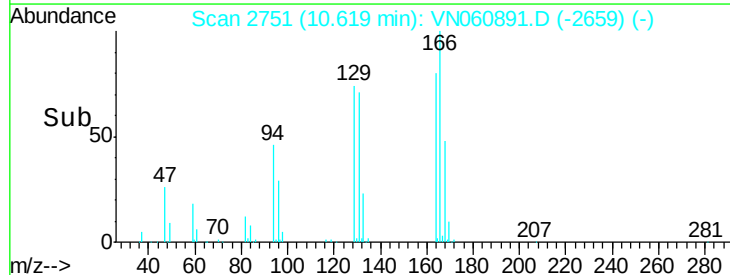
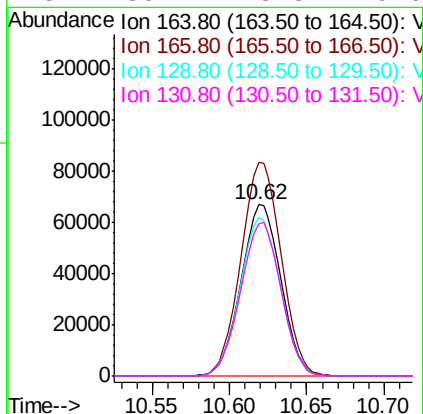
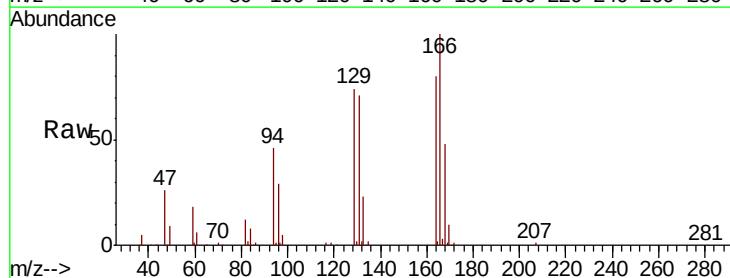
Instrument :
MSVOA_N
ClientSampleId :

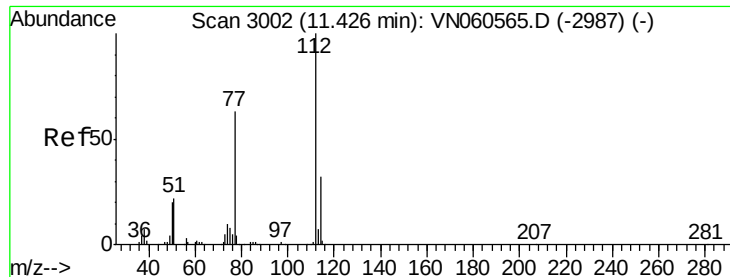
Tot Ion:117 Resp: 287764
Ion Ratio Lower Upper
117 100
82 57.3 46.7 70.1
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 53.084 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion:164 Resp: 120206
Ion Ratio Lower Upper
164 100
166 124.8 102.7 154.1
129 92.5 77.2 115.8
131 89.2 73.8 110.6

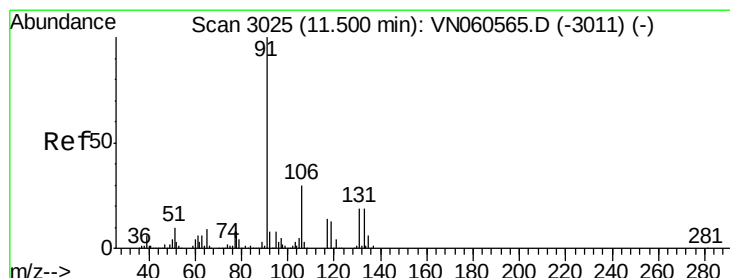
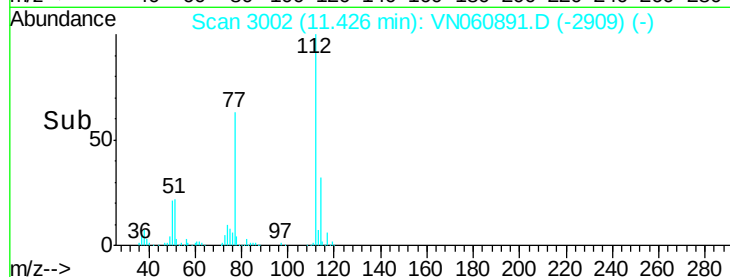
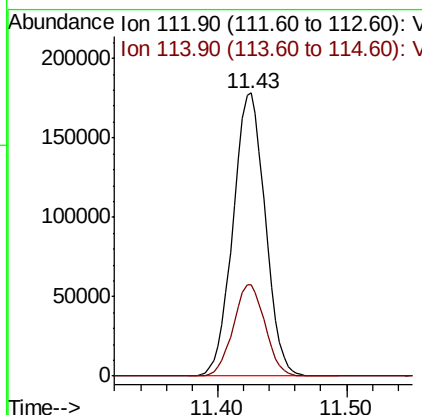
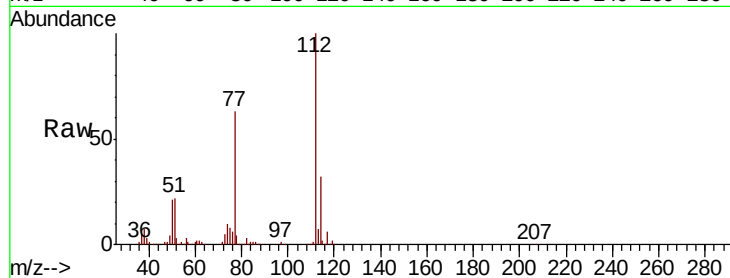




#65
Chlorobenzene
Concen: 54.173 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

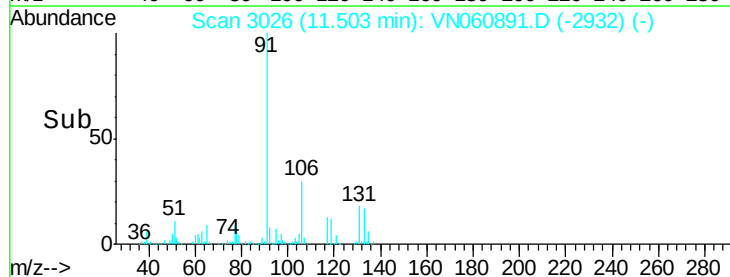
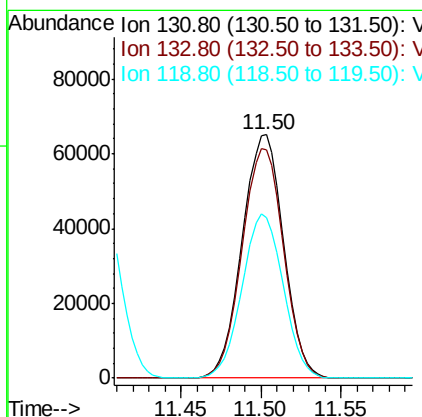
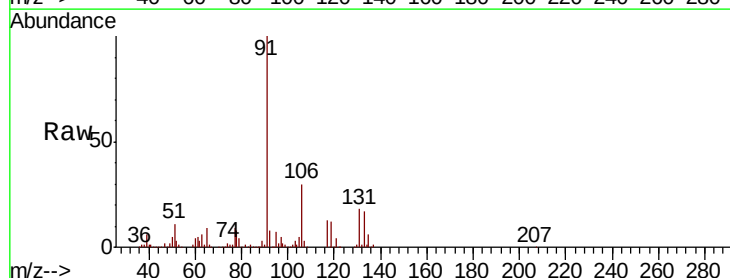
Instrument :
MSVOA_N
ClientSampleId :

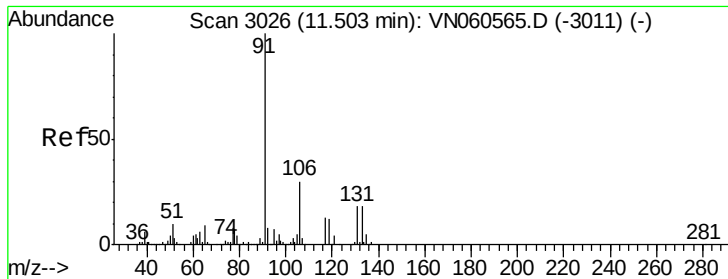
Tot Ion:112 Resp: 309035
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 55.678 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion:131 Resp: 115001
Ion Ratio Lower Upper
131 100
133 94.9 48.9 146.8
119 67.0 33.9 101.7

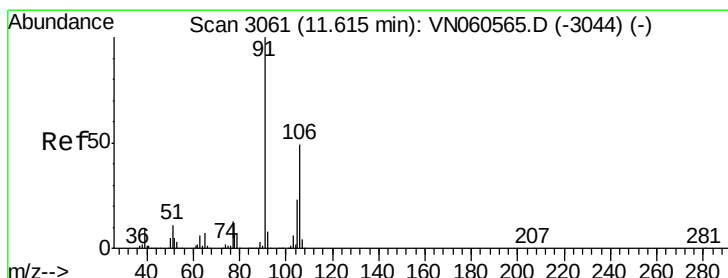
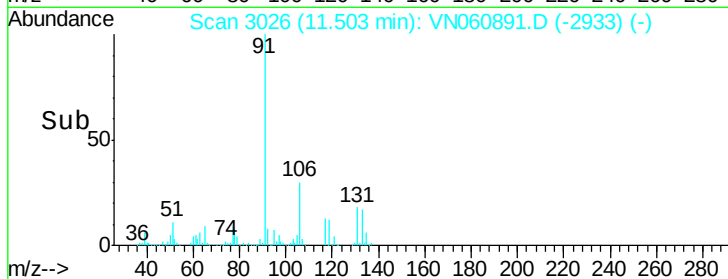
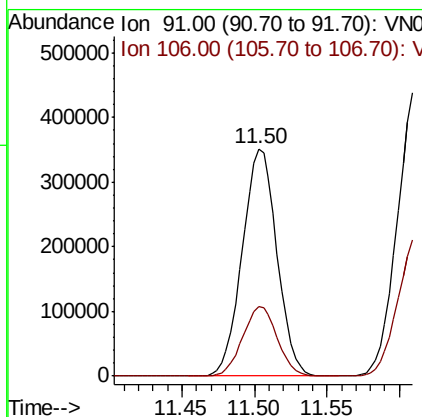
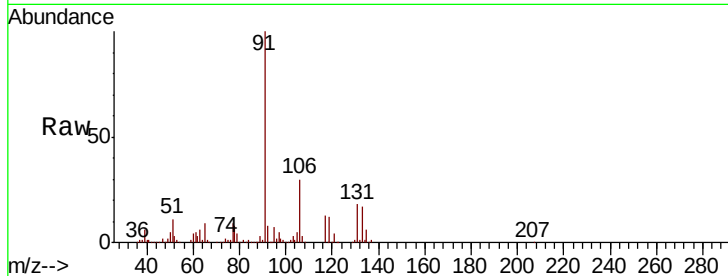




#67
Ethyl Benzene
Concen: 55.028 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

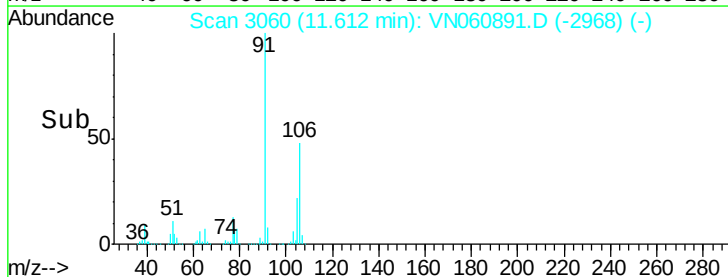
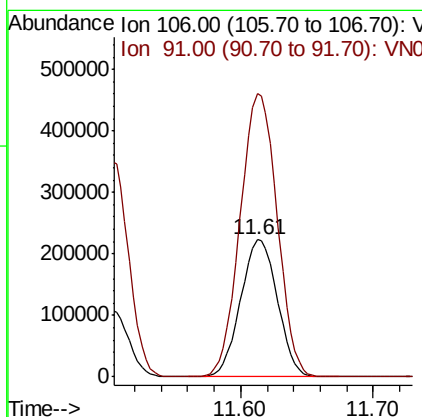
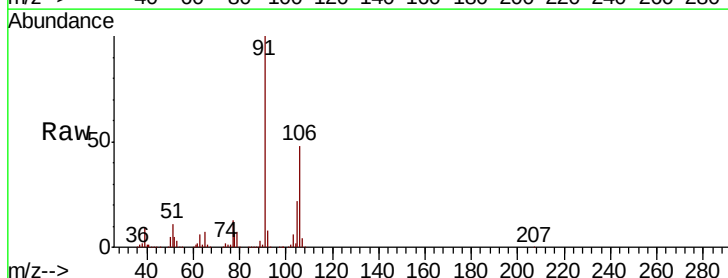
Instrument :
MSVOA_N
ClientSampled :

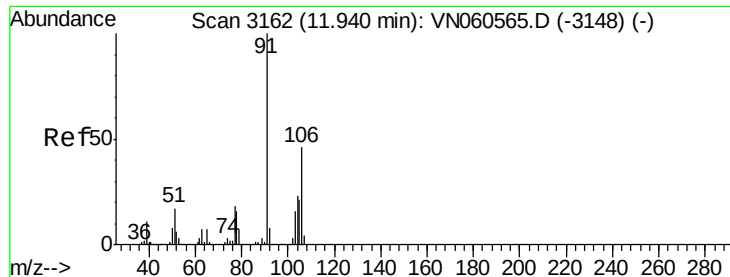
Tot Ion: 91 Resp: 583771
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.2



#68
m/p-Xylenes
Concen: 109.206 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion: 106 Resp: 430515
Ion Ratio Lower Upper
106 100
91 207.7 165.0 247.4

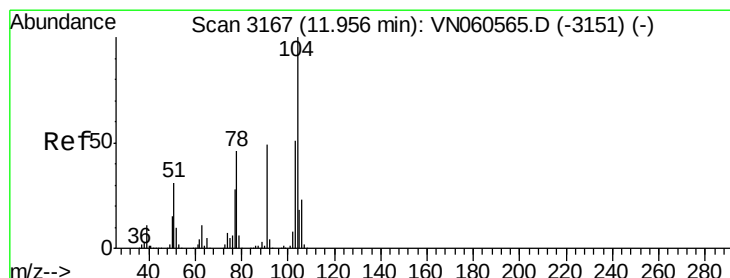
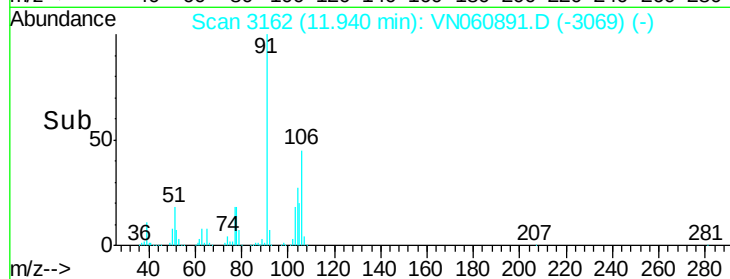
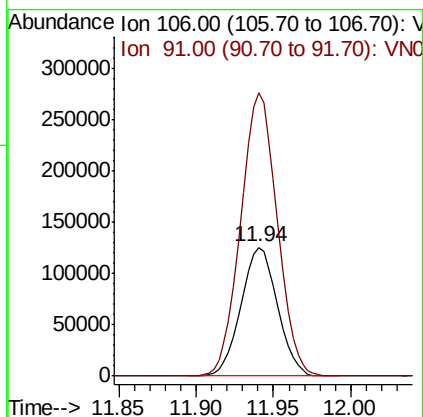
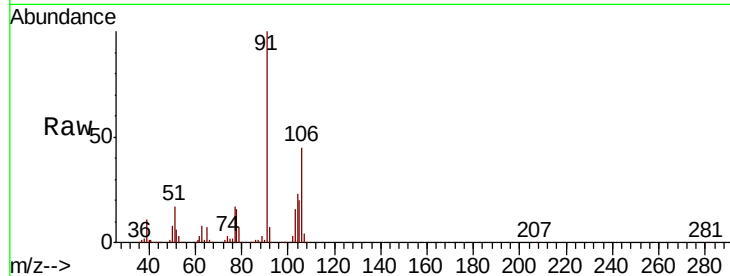




#69
o-Xylene
Concen: 54.798 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

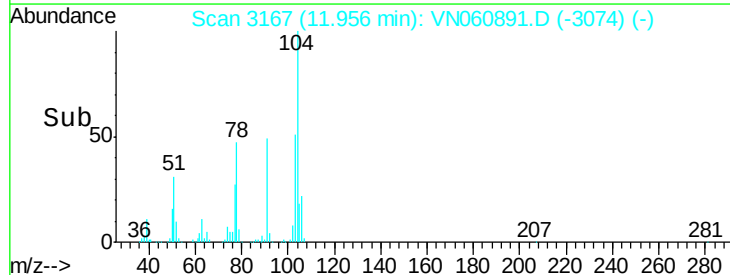
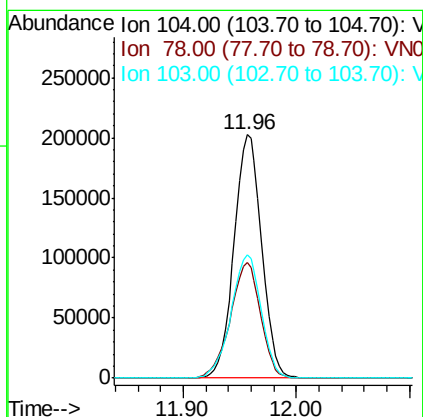
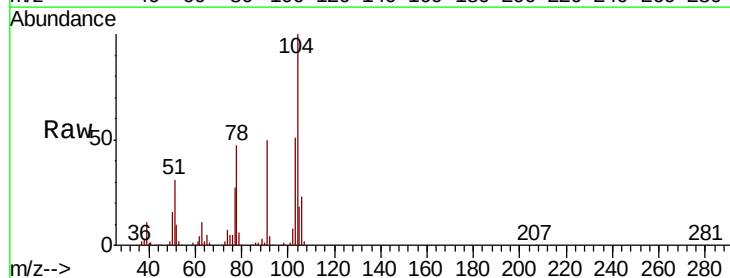
Instrument :
MSVOA_N
ClientSampleId :

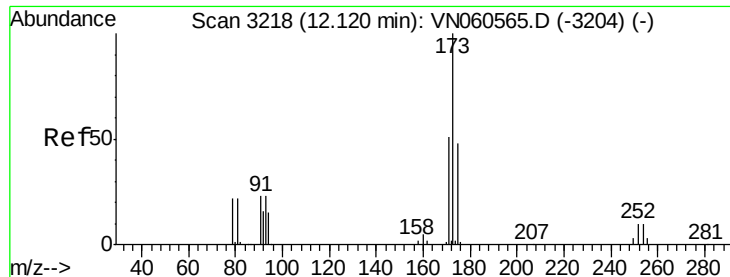
Tot Ion:106 Resp: 206222
Ion Ratio Lower Upper
106 100
91 220.1 109.5 328.4



#70
Styrene
Concen: 56.065 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion:104 Resp: 345074
Ion Ratio Lower Upper
104 100
78 51.8 41.2 61.8
103 54.9 44.0 66.0

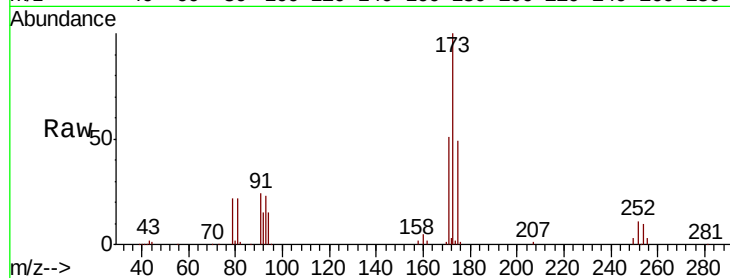




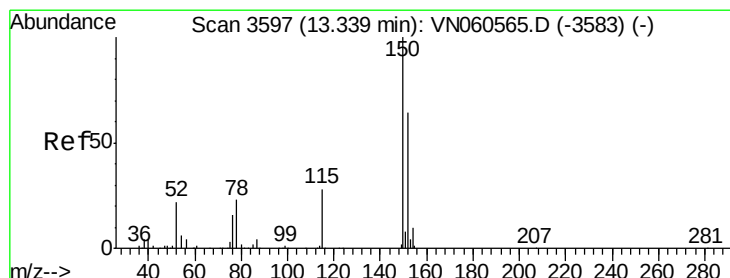
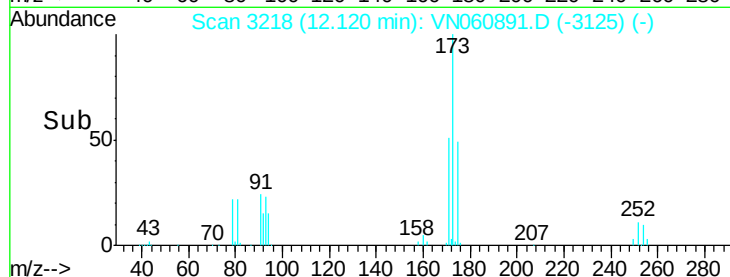
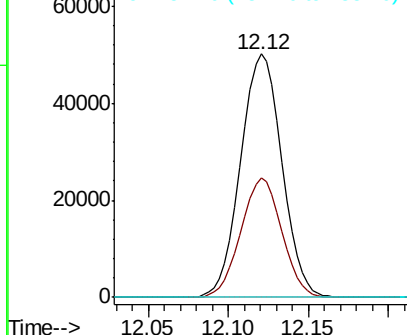
#71
Bromoform
Concen: 51.332 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 88200
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.4
254 0.0 0.0 0.0

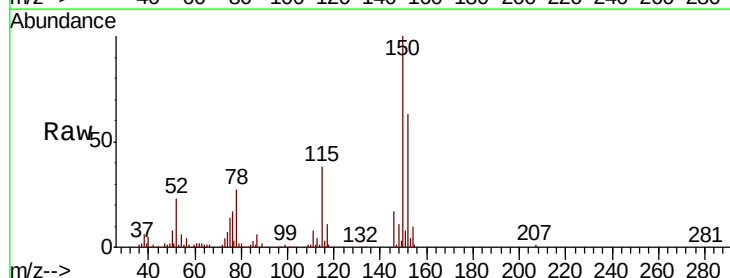


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

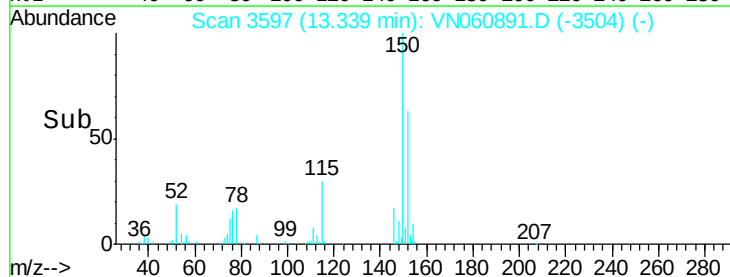
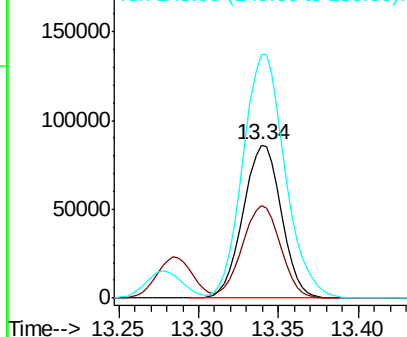


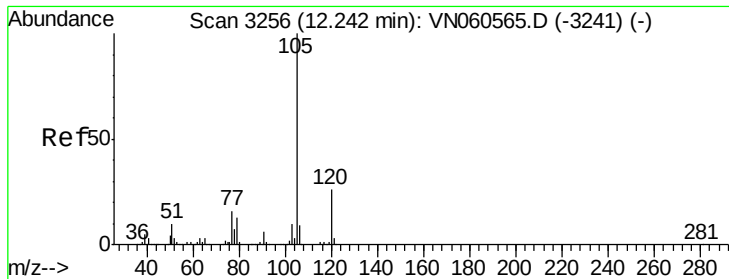
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion:152 Resp: 140602
Ion Ratio Lower Upper
152 100
115 60.0 30.2 90.6
150 176.1 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: 53.155 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

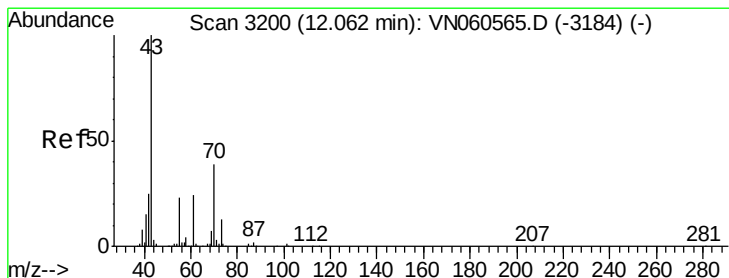
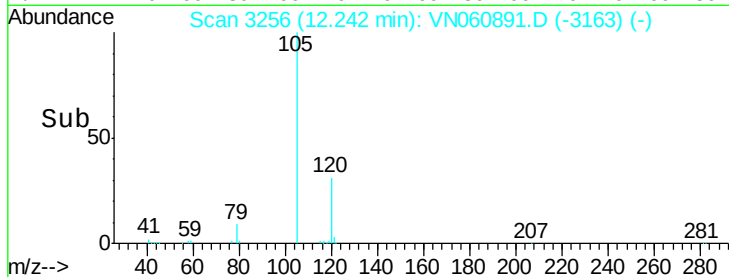
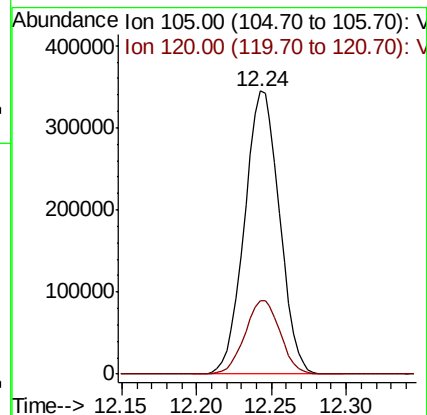
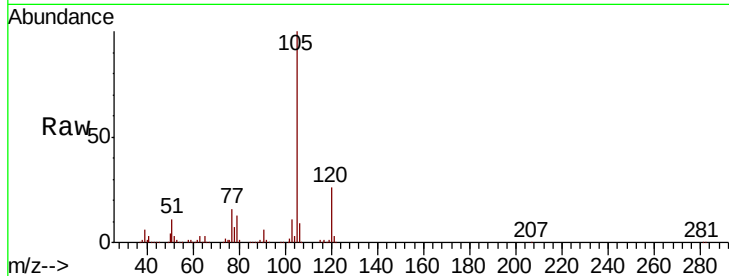
ClientSampleId :

Tot Ion:105 Resp: 560874

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.1



#74

N-ethyl acetate

Concen: 50.398 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Tgt Ion: 43 Resp: 245732

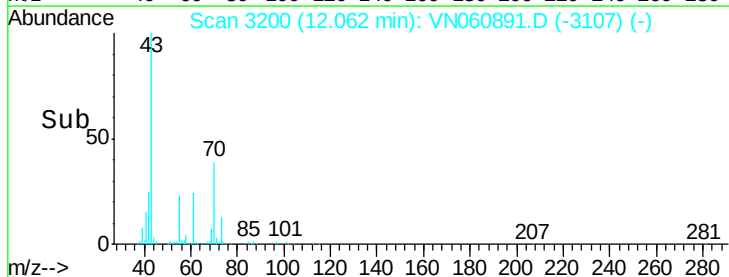
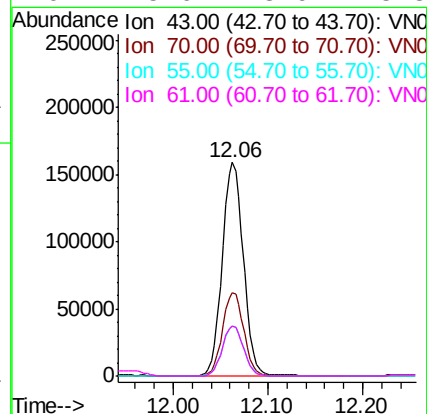
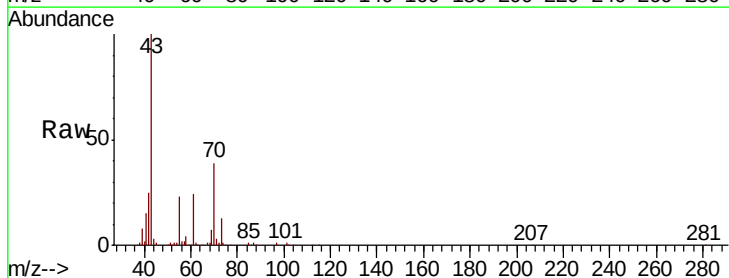
Ion Ratio Lower Upper

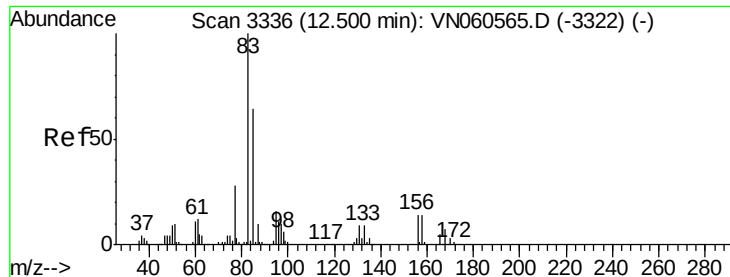
43 100

70 39.4 31.1 46.7

55 23.8 18.6 27.8

61 23.6 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 51.729 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

ClientSampleId :

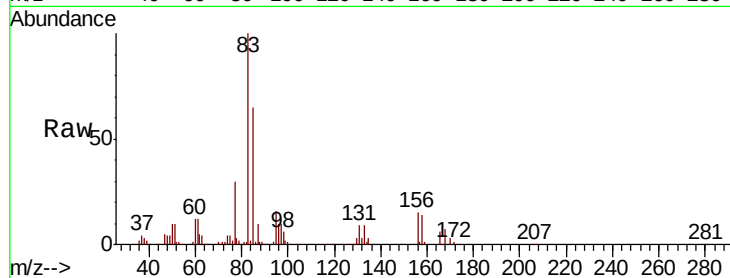
Tot Ion: 83 Resp: 165061

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

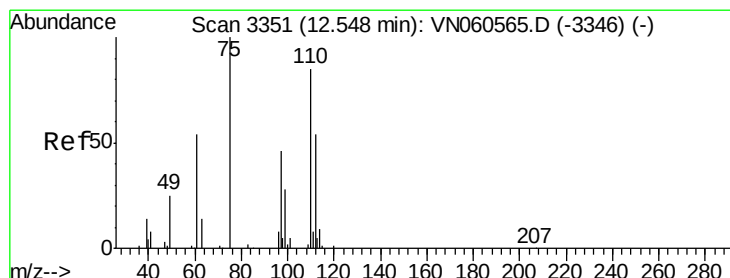
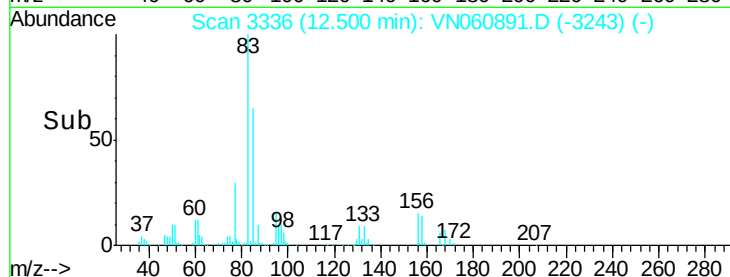
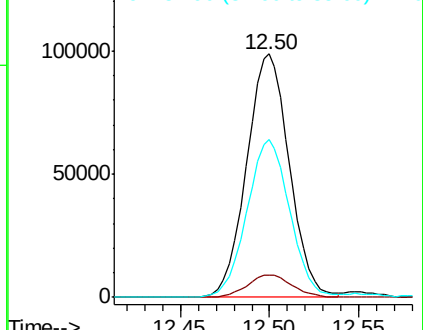
85 64.9 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060891.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060891.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060891.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 74.093 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060891.D

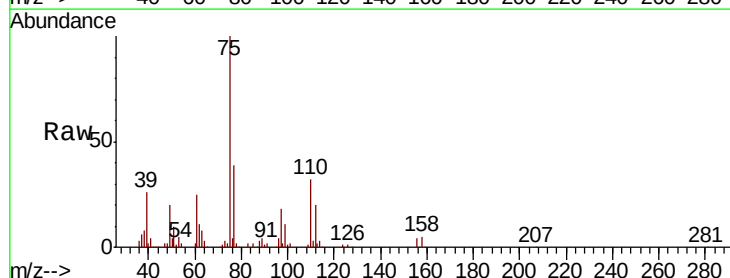
Acq: 8 Apr 2020 10:17

Tgt Ion: 75 Resp: 224791

Ion Ratio Lower Upper

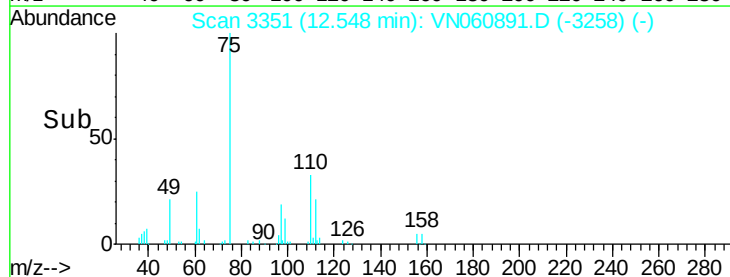
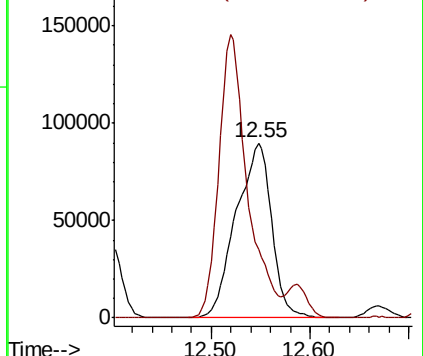
75 100

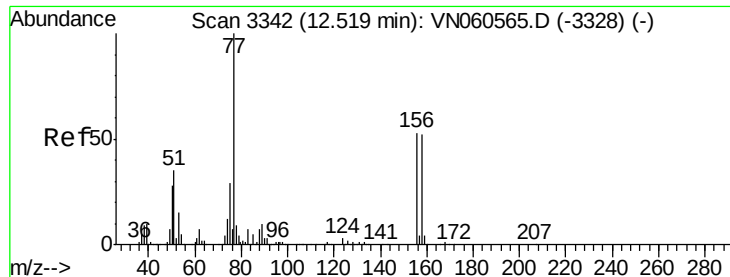
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060891.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060891.D (-3258) (-)





#77

Bromobenzene

Concen: 52.015 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

ClientSampled :

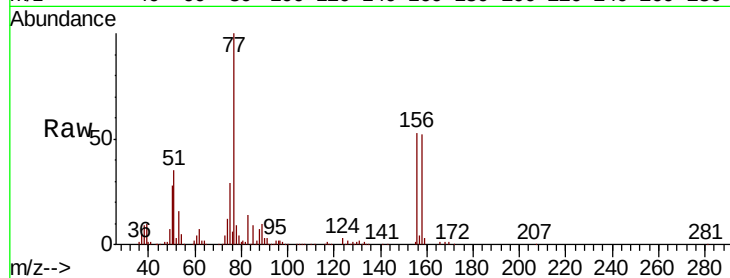
Tot Ion:156 Resp: 132251

Ion Ratio Lower Upper

156 100

77 223.5 112.3 337.0

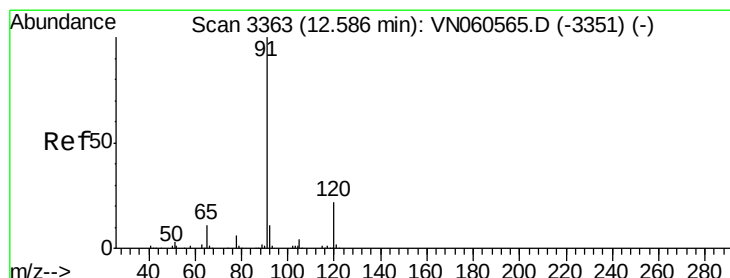
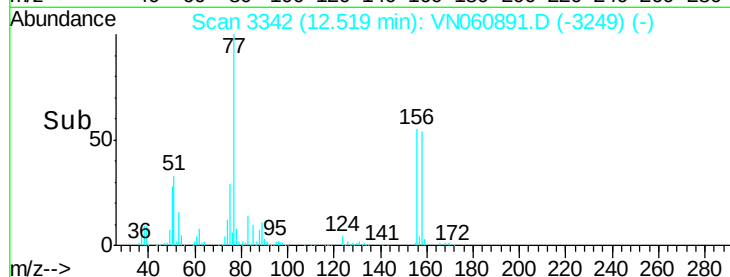
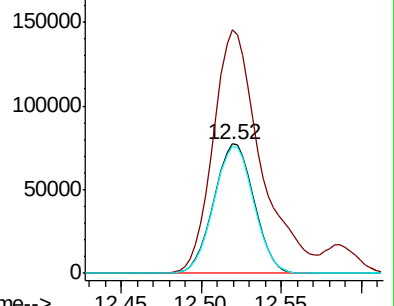
158 97.7 48.6 145.8



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: 54.023 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060891.D

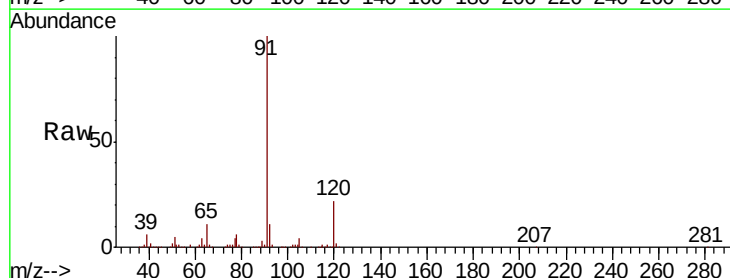
Acq: 8 Apr 2020 10:17

Tgt Ion: 91 Resp: 673453

Ion Ratio Lower Upper

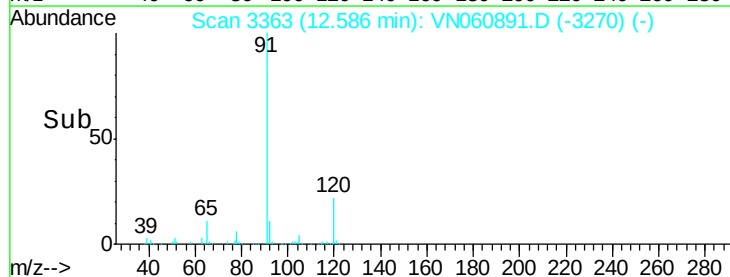
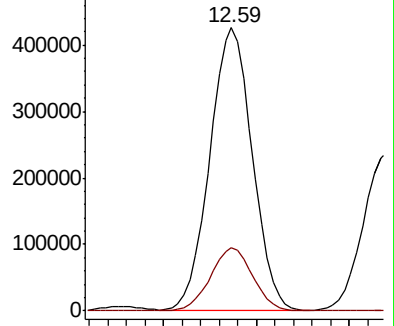
91 100

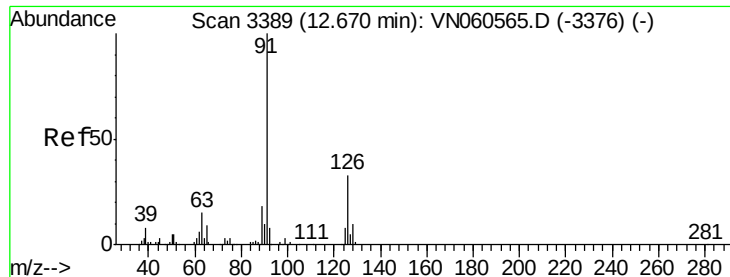
120 22.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

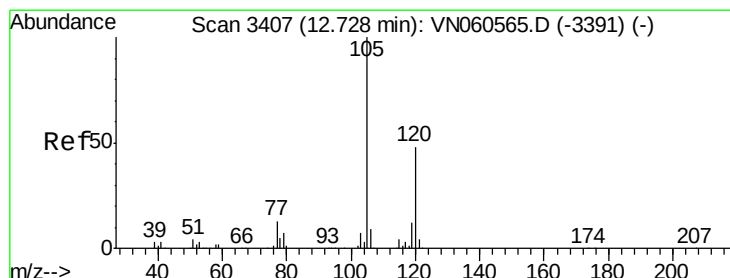
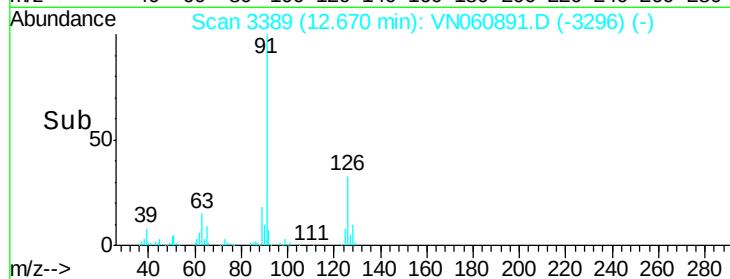
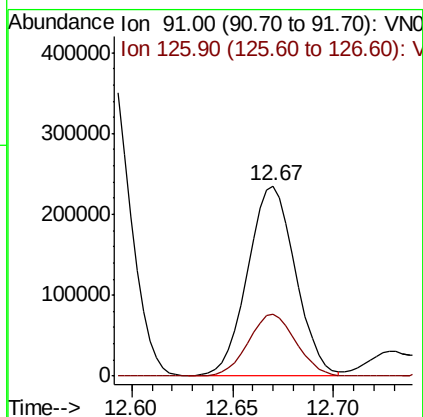
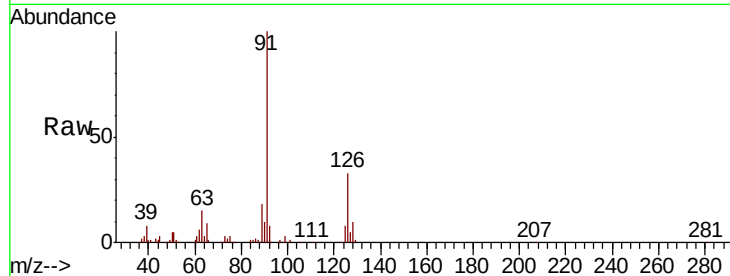




#79
 2-Chlorotoluene
 Concen: 52.086 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

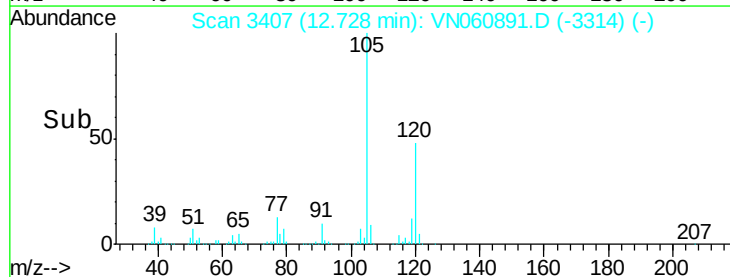
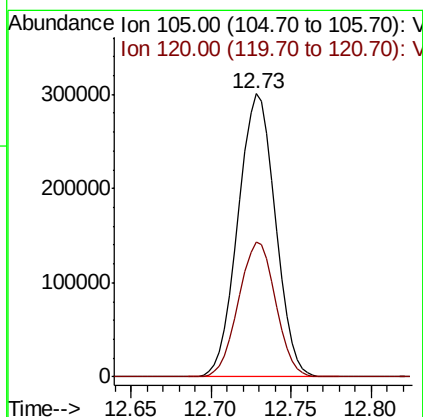
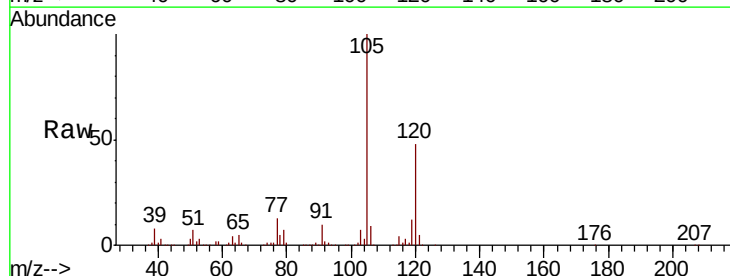
Instrument :
 MSVOA_N
 ClientSampled :

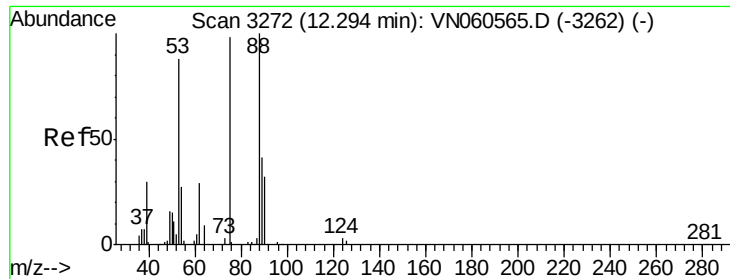
Tot Ion: 91 Resp: 387960
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 53.295 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Tgt Ion: 105 Resp: 477227
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.9 71.7

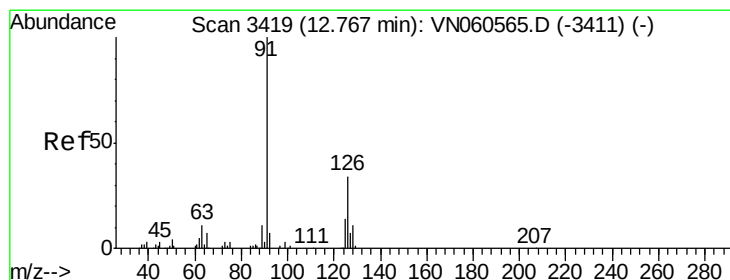
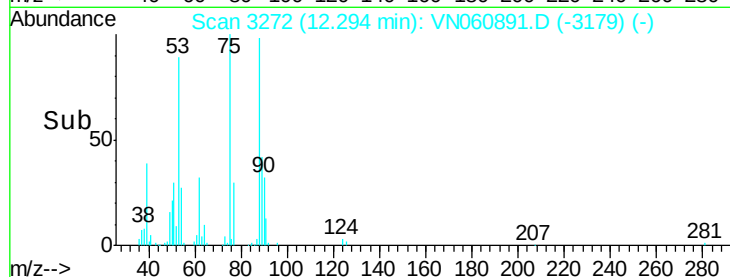
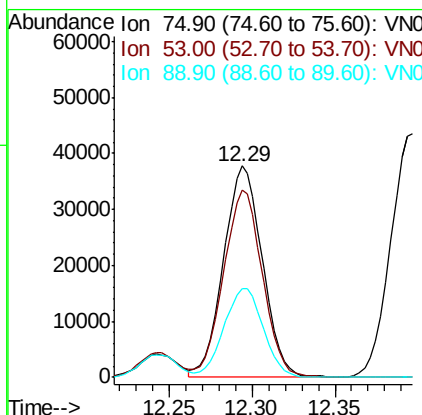
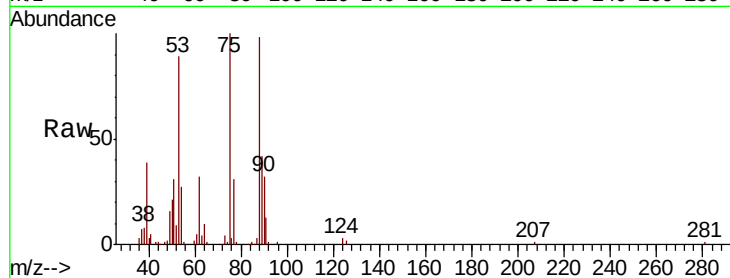




#81
trans-1,4-Dichloro-2-butene
Concen: 52.015 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

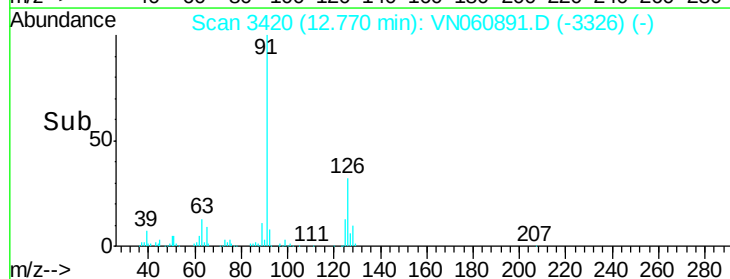
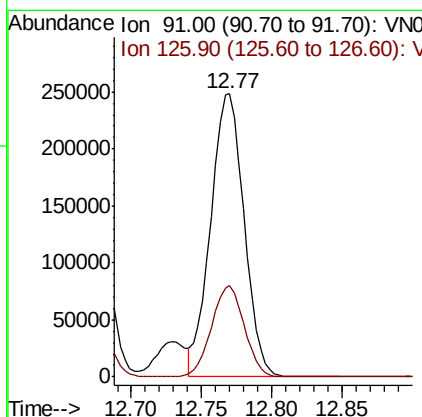
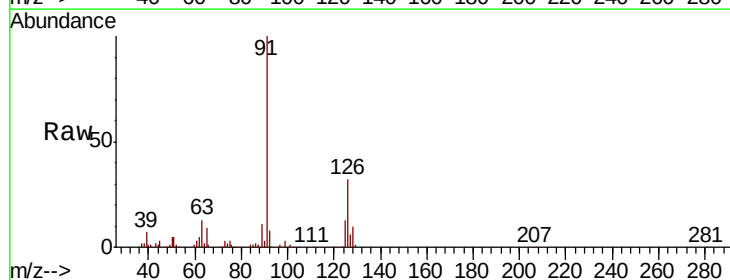
Instrument :
MSVOA_N
ClientSampled :

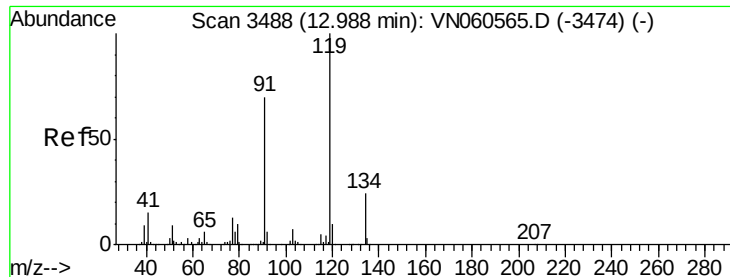
Tot Ion: 75 Resp: 61445
Ion Ratio Lower Upper
75 100
53 88.6 73.0 109.4
89 42.5 34.8 52.2



#82
4-Chlorotoluene
Concen: 53.705 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion: 91 Resp: 407419
Ion Ratio Lower Upper
91 100
126 31.7 16.2 48.5

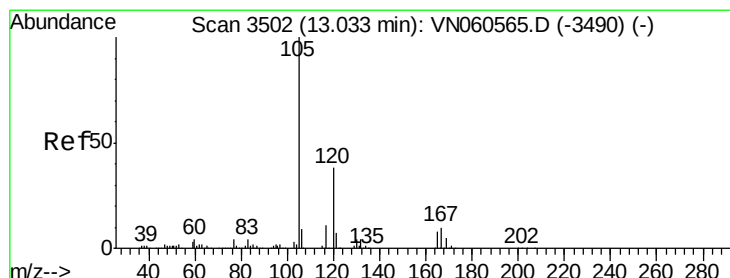
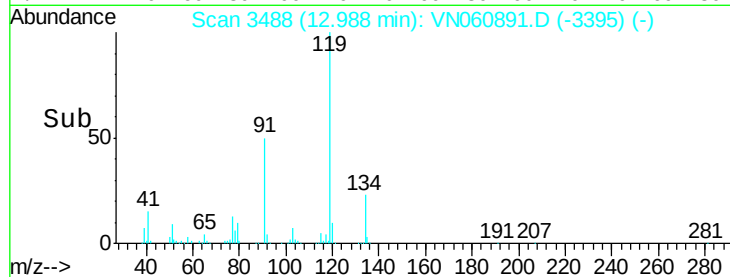
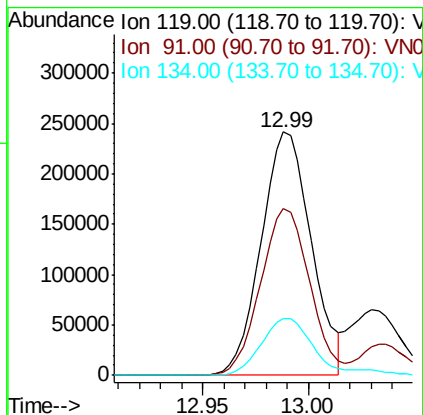
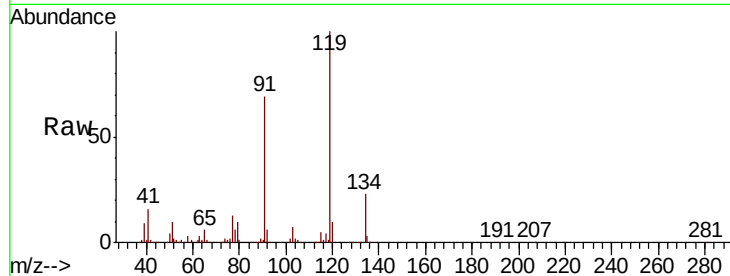




#83
 tert-Butylbenzene
 Concen: 53.778 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

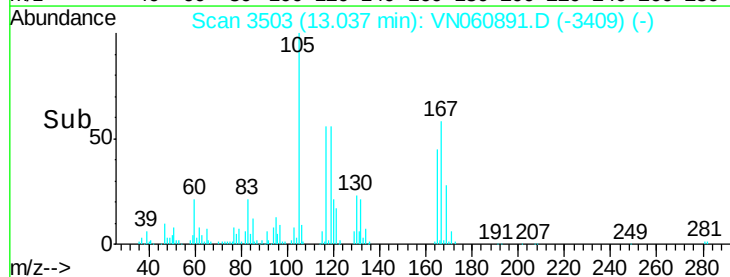
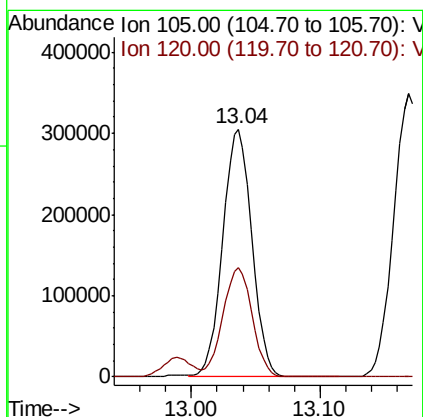
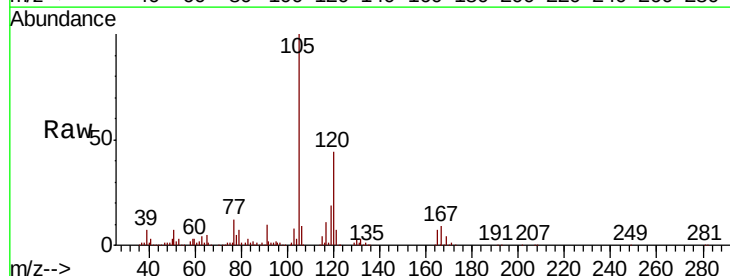
Instrument :
 MSVOA_N
 ClientSampled :

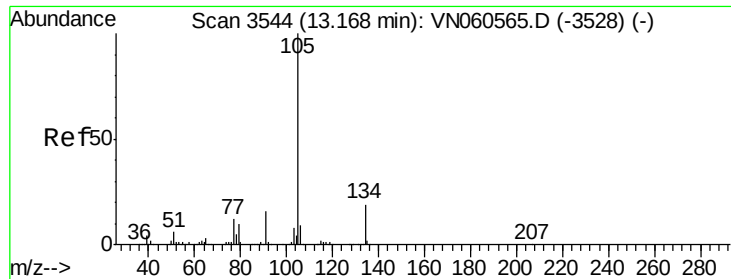
Tot Ion:119 Resp: 399192
 Ion Ratio Lower Upper
 119 100
 91 67.5 34.0 101.8
 134 25.2 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 53.979 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Tgt Ion:105 Resp: 478181
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.5





#85

sec-Butylbenzene

Concen: 55.542 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

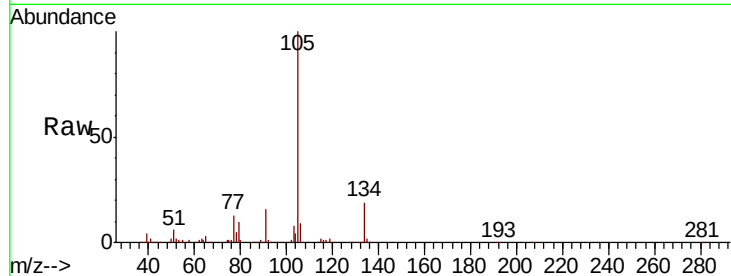
ClientSampleId :

Tot Ion:105 Resp: 554397

Ion Ratio Lower Upper

105 100

134 19.1 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

400000

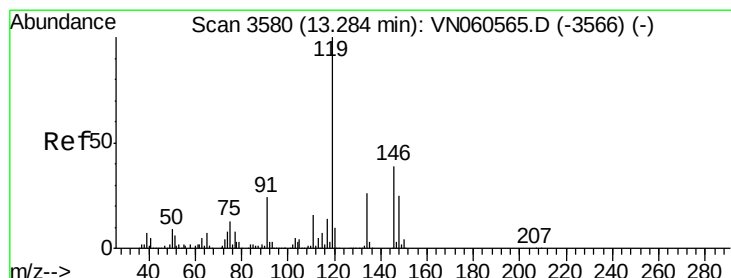
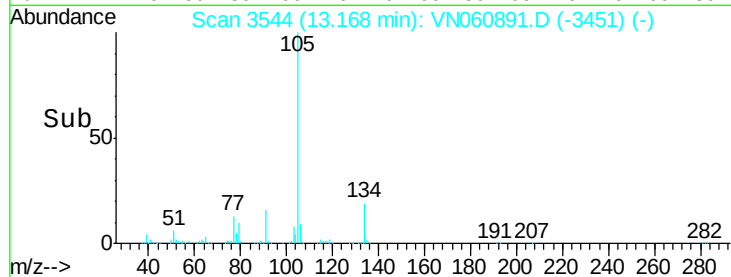
300000

200000

100000

0

Time--> 13.10 13.20



#86

p-Isopropyltoluene

Concen: 55.971 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

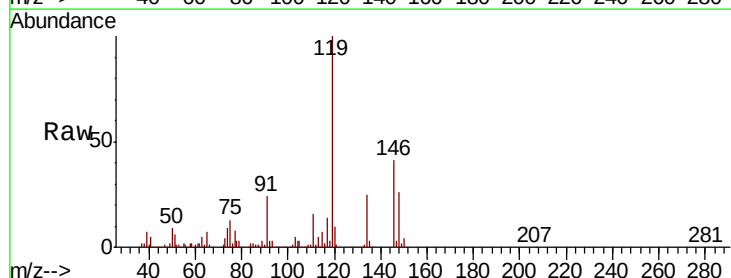
Tgt Ion:119 Resp: 502386

Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

91 24.0 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

400000

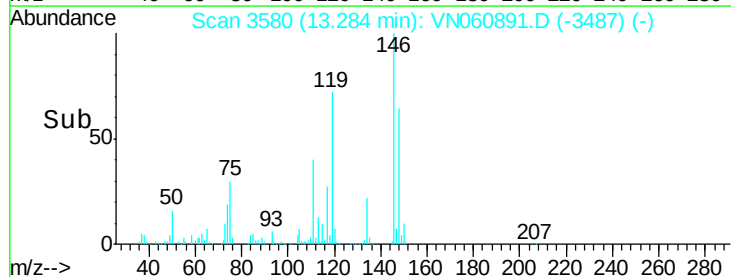
300000

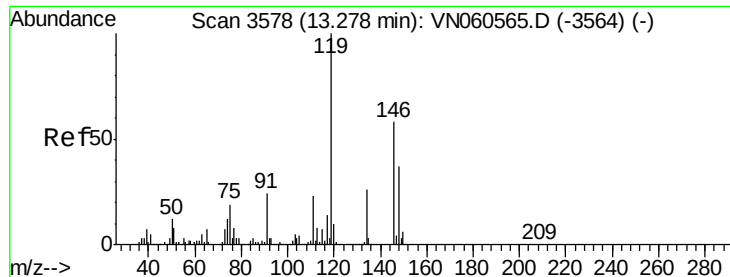
200000

100000

0

Time--> 13.20 13.25 13.30 13.35





#87

1,3-Dichlorobenzene

Concen: 54.457 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN060891.D

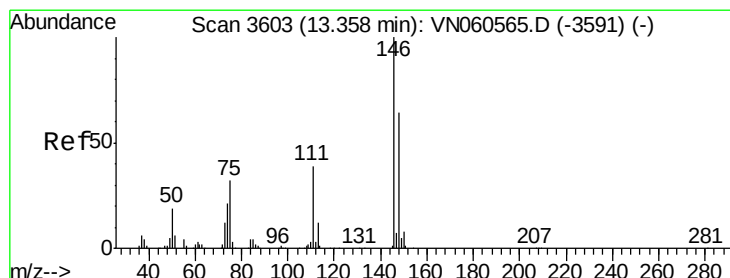
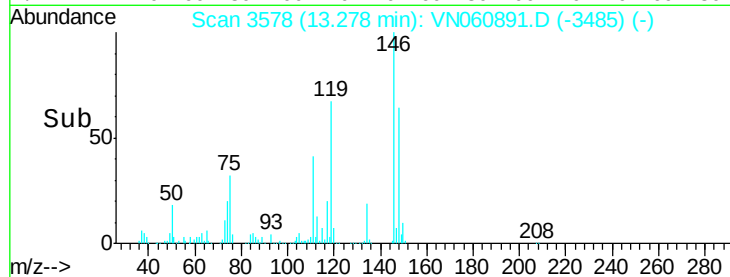
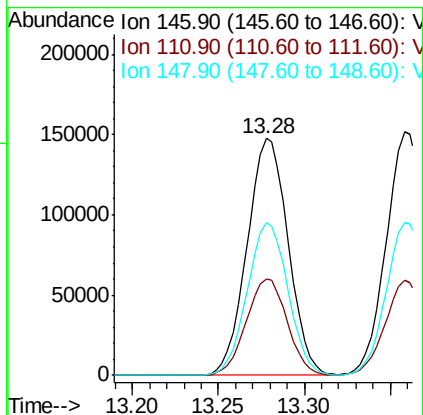
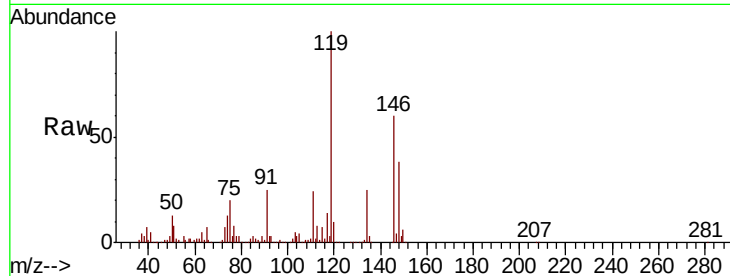
Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:146	Resp:	244206
Ion Ratio	Lower	Upper
146	100	
111	40.7	20.3 60.8
148	63.9	32.5 97.4



#88

1,4-Dichlorobenzene

Concen: 54.590 ug/l

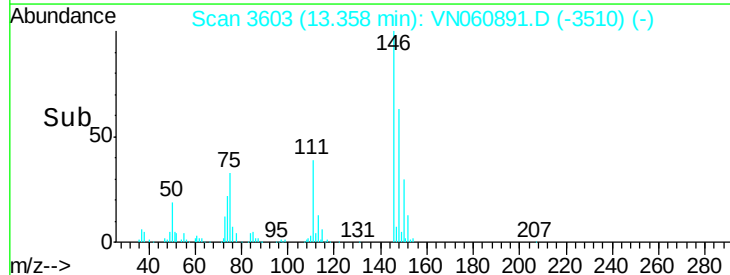
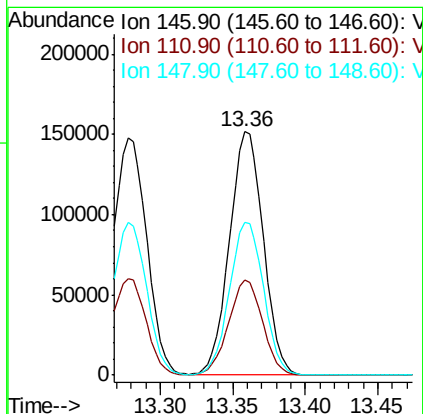
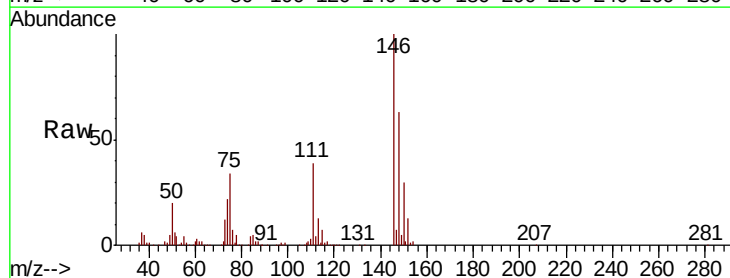
RT: 13.36 min Scan# 3603

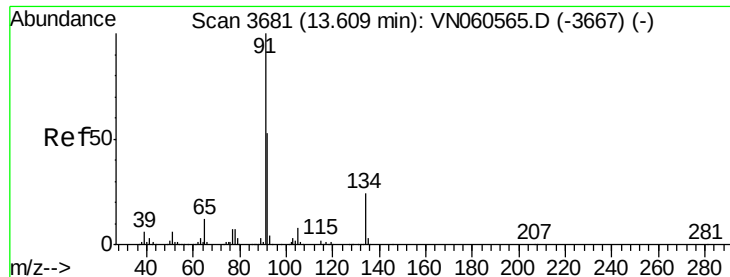
Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Tgt Ion:146	Resp:	245949
Ion Ratio	Lower	Upper
146	100	
111	39.2	19.6 58.7
148	63.2	32.1 96.3

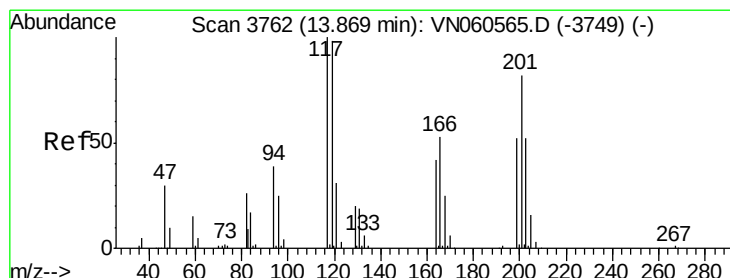
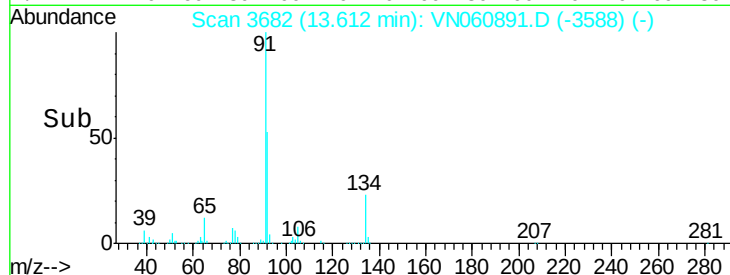
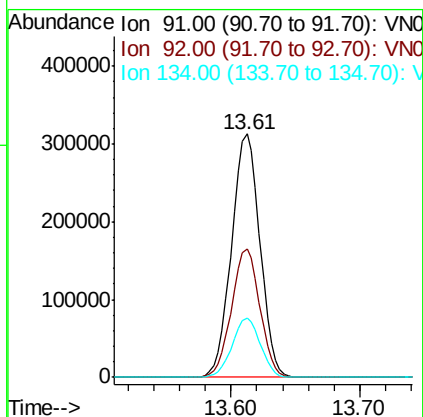
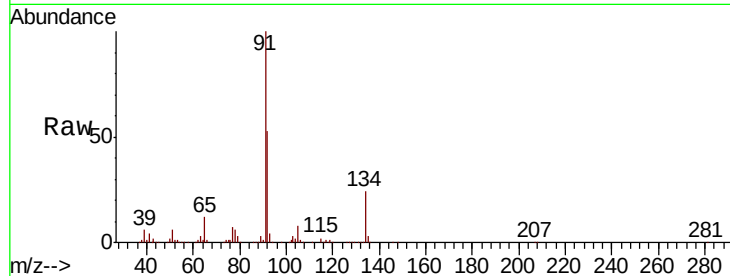




#89
n-Butylbenzene
Concen: 59.054 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

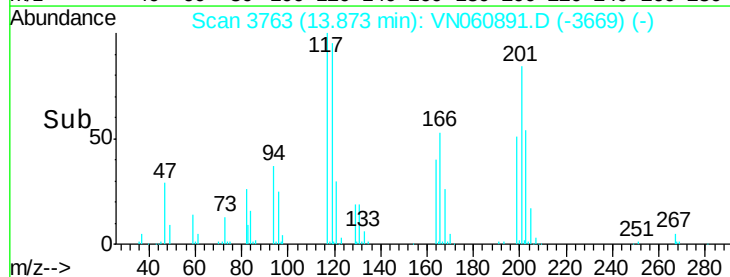
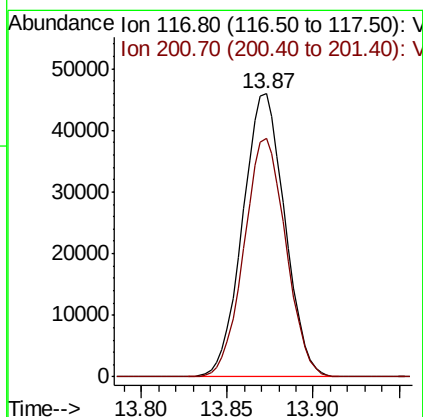
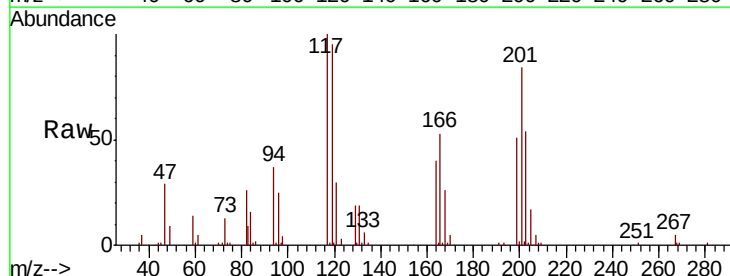
Instrument :
MSVOA_N
ClientSampleId :

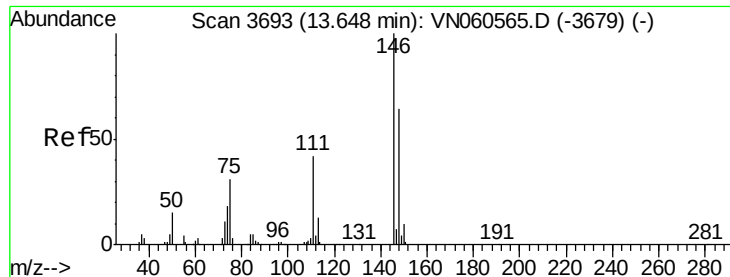
Tot Ion: 91 Resp: 478561
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.5
134 24.3 12.3 36.9



#90
Hexachloroethane
Concen: 59.838 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion: 117 Resp: 78070
Ion Ratio Lower Upper
117 100
201 83.4 40.8 122.5

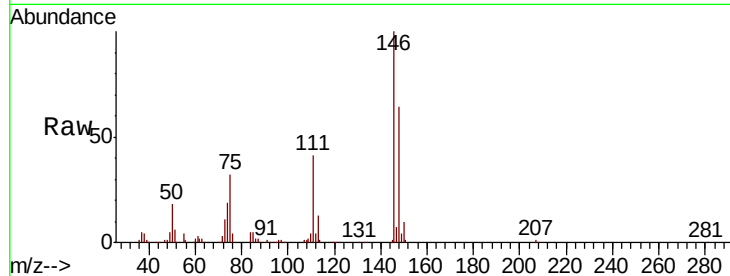




#91
 1,2-Dichlorobenzene
 Concen: 54.682 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.0	63.0
148	64.1	31.9	95.5

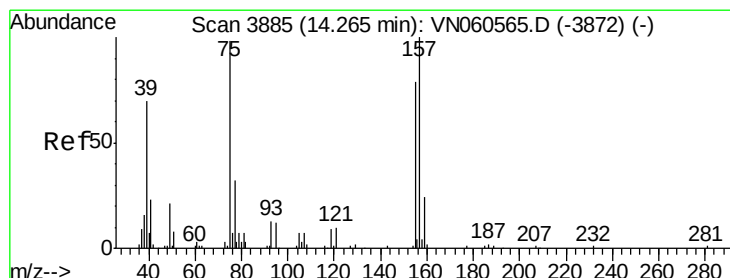
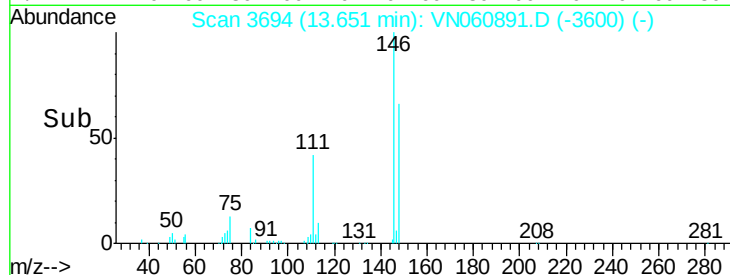
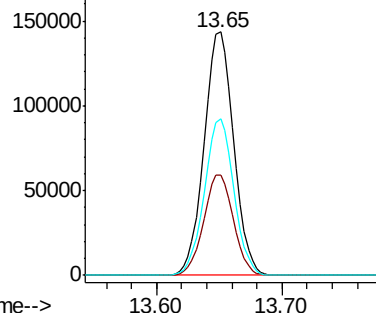


Abundance

Ion 145.90 (145.60 to 146.60): V

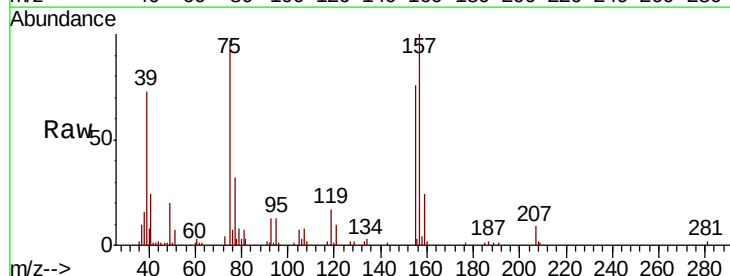
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.702 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.1	40.7	122.1
157	104.7	51.5	154.7

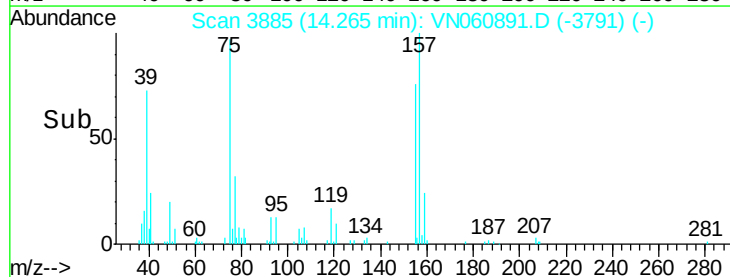
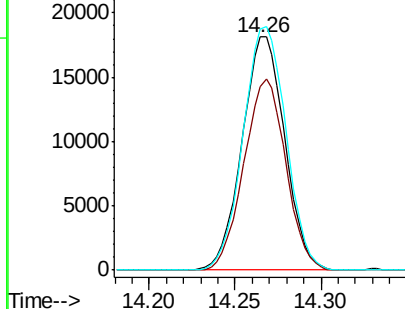


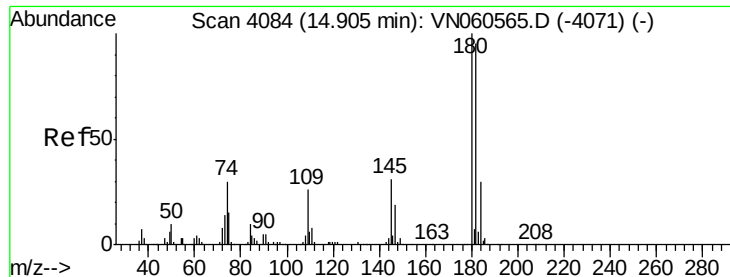
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

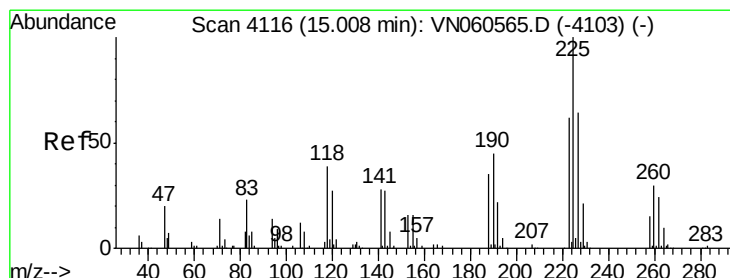
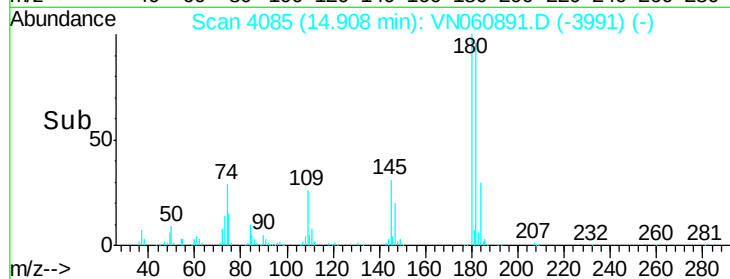
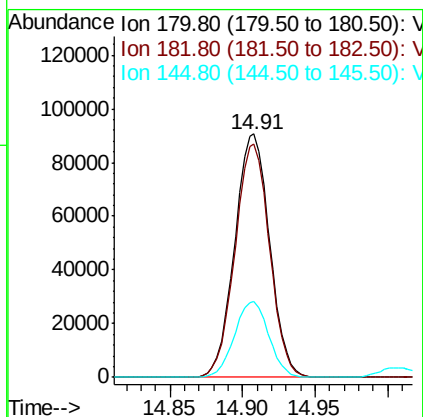
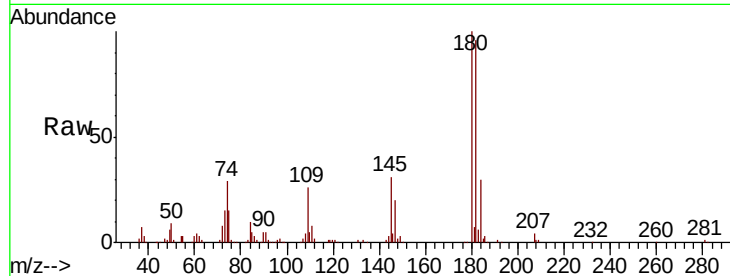




#93
 1,2,4-Trichlorobenzene
 Concen: 57.509 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

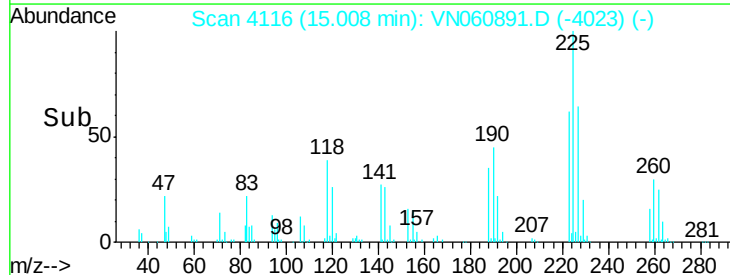
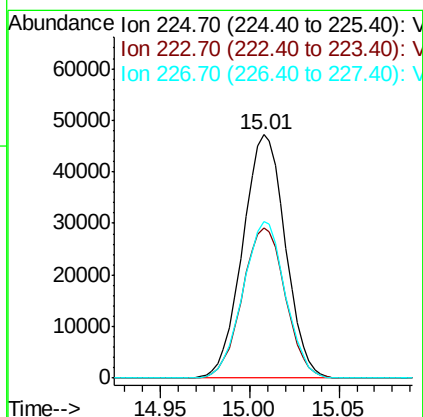
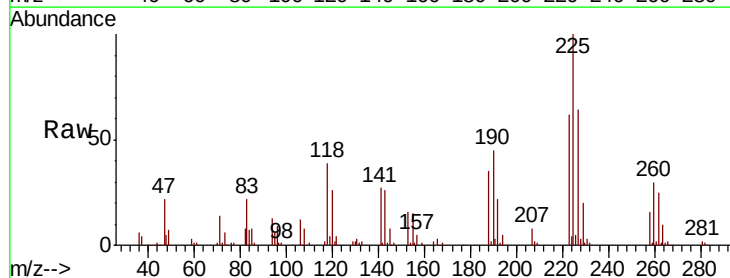
Instrument :
 MSVOA_N
 ClientSampleId :

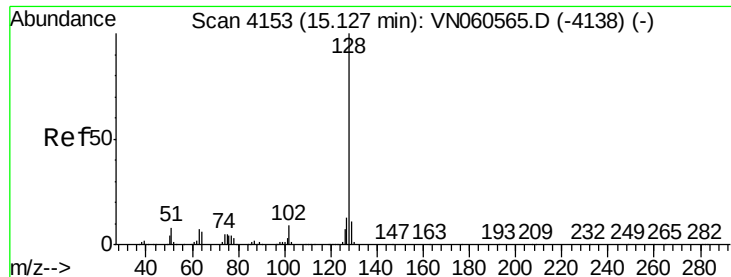
Tot Ion:180 Resp: 151432
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.9 143.8
 145 30.7 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 60.969 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Tgt Ion:225 Resp: 78701
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.6 95.0
 227 63.8 32.3 96.8

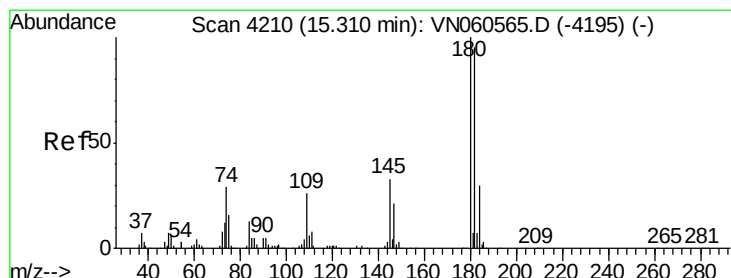
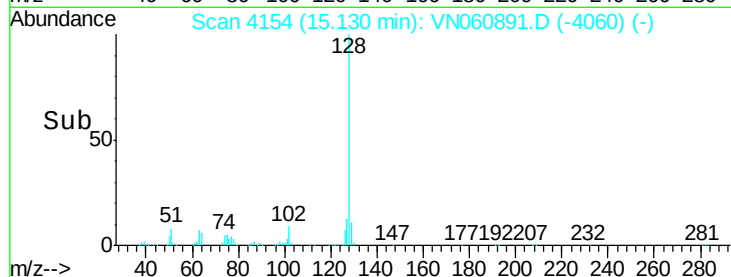
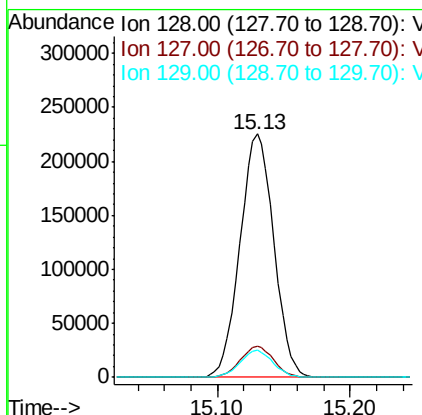
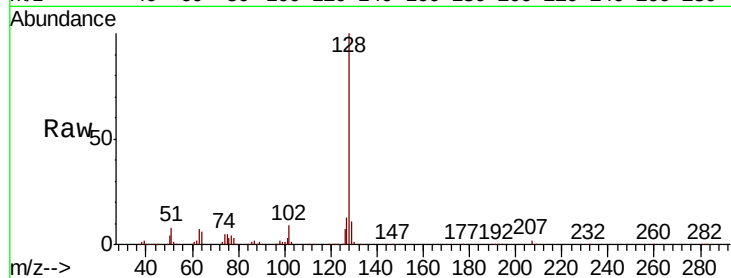




#95
Naphthalene
Concen: 50.293 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.7	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 54.776 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.5	142.6
145	31.7	16.3	48.8

